

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089758.D
 Acq On : 17 Aug 2016 12:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 8/17/2016 6:25:26 PM

Quant Time: Aug 17 15:49:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	679493	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2704392	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1311095	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	2376648	20.00	ng	0.01
75) Chrysene-d12	13.94	240	1885901	20.00	ng	0.05
86) Perylene-d12	15.50	264	1489575	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3282221	80.60	ng	0.00
7) Phenol-d6	6.34	99	4002347	77.27	ng	0.01
23) Nitrobenzene-d5	7.27	82	3516471	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	936962	73.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5154771	63.09	ng	0.00
78) Terphenyl-d14	12.82	244	4743752	75.15	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	761135	36.20	ng	96
3) Pyridine	2.84	79	1997625	36.87	ng	96
4) n-Nitrosodimethylamine	2.81	42	812693	37.37	ng	88
6) Aniline	6.36	93	2644393	37.98	ng	100
8) 2-Chlorophenol	6.48	128	1783671	36.82	ng	97
9) Benzaldehyde	6.24	77	1239881	36.11	ng	94
10) Phenol	6.35	94	2599279	40.31	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	1858170	38.90	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1881557	36.34	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1970791	37.57	ng	98
14) 1,2-Dichlorobenzene	6.88	146	1886933	37.73	ng	99
15) Benzyl Alcohol	6.84	79	1245961	35.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2251644	35.93	ng	93
17) 2-Methylphenol	6.97	107	1593221	41.40	ng	95
18) Hexachloroethane	7.22	117	767600	39.93	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	1181083	34.82	ng	94
20) 3+4-Methylphenols	7.12	107	1717904	34.86	ng	99
22) Acetophenone	7.12	105	2303728	36.65	ng	92
24) Nitrobenzene	7.29	77	1949517	39.13	ng	96
25) Isophorone	7.53	82	3383167	38.18	ng	99
26) 2-Nitrophenol	7.61	139	1048743	44.74	ng	99
27) 2,4-Dimethylphenol	7.66	122	1876105	42.22	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	1983628	36.84	ng	97
29) 2,4-Dichlorophenol	7.85	162	1558927	42.14	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1514505	38.14	ng	99
31) Naphthalene	8.01	128	4555336	37.53	ng	95
32) Benzoic acid	7.79	122	1517338	43.92	ng	99
33) 4-Chloroaniline	8.07	127	2266759	40.36	ng	98
34) Hexachlorobutadiene	8.14	225	815121	39.07	ng	98
35) Caprolactam	8.44	113	432651	37.95	ng	86
36) 4-Chloro-3-methylphenol	8.55	107	1467248	36.43	ng	92
37) 2-Methylnaphthalene	8.71	142	3413593	41.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1435443	34.06	ng	98
40) Hexachlorocyclopentadiene	8.87	237	726190	38.66	ng	97

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Manual Integrations
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Quant Time: Aug 17 15:49:56 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1103344	40.52	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	1002985	38.63	nq #	93
45) 1,1'-Biphenyl	9.18	154	4108021	37.83	nq	93
46) 2-Chloronaphthalene	9.19	162	2938808	36.12	nq	98
47) 2-Nitroaniline	9.28	65	994905	40.13	nq	93
48) Acenaphthylene	9.60	152	4678859	37.35	nq	97
49) Dimethylphthalate	9.48	163	3837961	40.46	nq #	99
50) 2,6-Dinitrotoluene	9.53	165	776128	36.15	nq #	86
51) Acenaphthene	9.78	154	3305655	39.11	nq	99
52) 3-Nitroaniline	9.70	138	1097409	43.96	nq #	74
53) 2,4-Dinitrophenol	9.79	184	362501	38.74	nq #	83
54) Dibenzofuran	9.94	168	3843615	36.95	nq	100
55) 4-Nitrophenol	9.85	139	761582	39.65	nq #	82
56) 2,4-Dinitrotoluene	9.93	165	1105751	40.06	nq #	72
57) Fluorene	10.28	166	2859454	34.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	852135	42.03	nq	93
59) Diethylphthalate	10.18	149	3901693	40.56	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	1323116	32.07	nq	94
61) 4-Nitroaniline	10.31	138	944381	38.96	nq	96
62) Azobenzene	10.44	77	3529274	38.83	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	579946	42.03	nq #	54
65) n-Nitrosodiphenylamine	10.41	169	3124707	41.90	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	1039923	42.25	nq #	90
67) Hexachlorobenzene	10.83	284	1085523	39.67	nq #	85
68) Atrazine	10.94	200	823085	36.43	nq	96
69) Pentachlorophenol	11.03	266	725047	42.54	nq	97
70) Phenanthrene	11.24	178	4782244	40.94	nq	93
71) Anthracene	11.29	178	4382343	35.90	nq	96
72) Carbazole	11.45	167	4650654	40.21	nq	96
73) Di-n-butylphthalate	11.79	149	5395011	38.36	nq	97
74) Fluoranthene	12.42	202	4819213	41.06	nq	91
76) Benzidine	12.56	184	2641333	39.02	nq	99
77) Pyrene	12.66	202	5093231	41.27	nq	94
79) Butylbenzylphthalate	13.33	149	2466879	39.84	nq #	83
80) Benzo(a)anthracene	13.93	228	4129075	37.69	nq	99
81) 3,3'-Dichlorobenzidine	13.90	252	1535436	38.46	nq	98
82) Chrysene	13.97	228	3434589	34.83	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	3244823	39.60	nq #	99
84) Di-n-octyl phthalate	14.67	149	5077450	39.87	nq	97
85) Indeno(1,2,3-cd)pyrene	16.81	276	3125363	37.20	nq	99
87) Benzo(b)fluoranthene	15.10	252	3618901	38.34	nq #	95
88) Benzo(k)fluoranthene	15.13	252	3332592m	42.90	nq	
89) Benzo(a)pyrene	15.44	252	3077681	39.50	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	2576947	42.00	nq	96
91) Benzo(g,h,i)perylene	17.21	276	2597404	41.59	nq	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

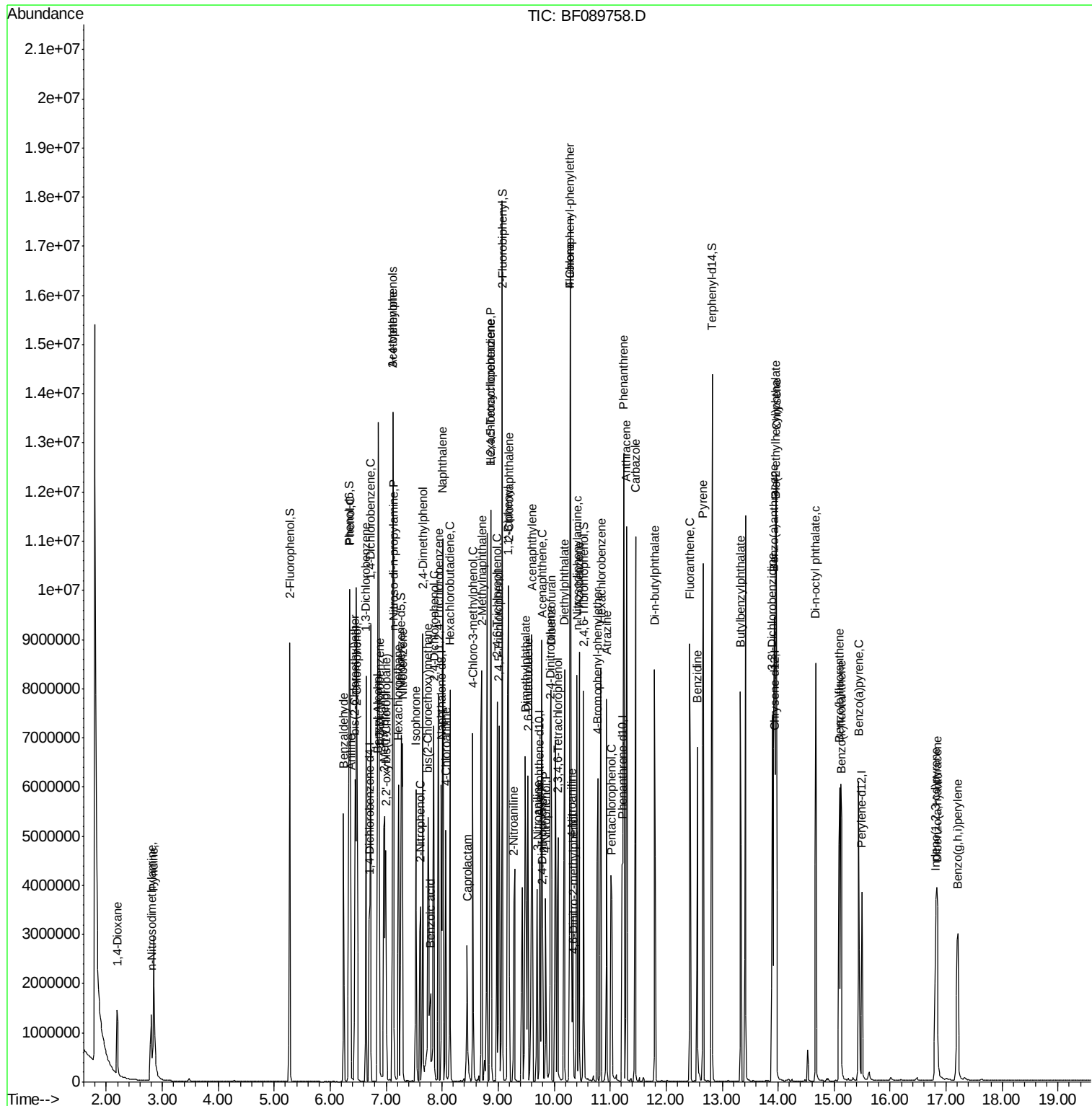
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089758.D
Acq On    : 17 Aug 2016  12:11
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 5      Sample Multiplier: 1
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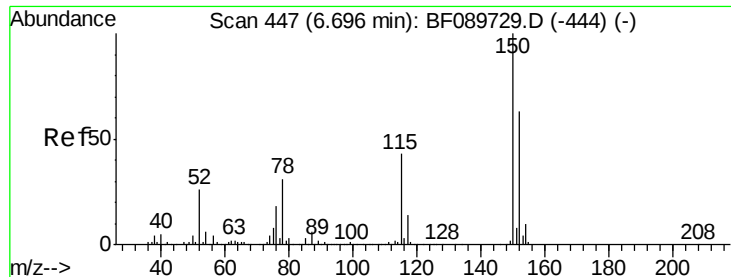
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

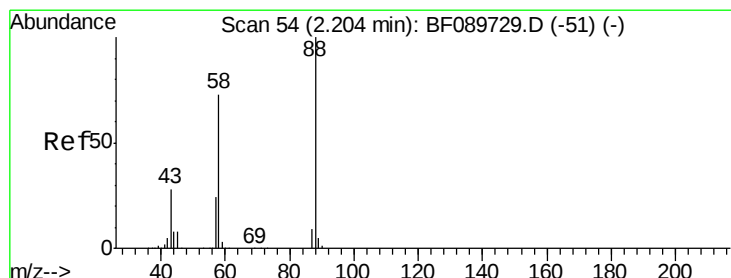
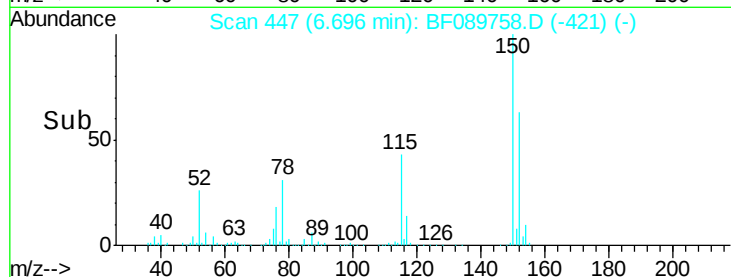
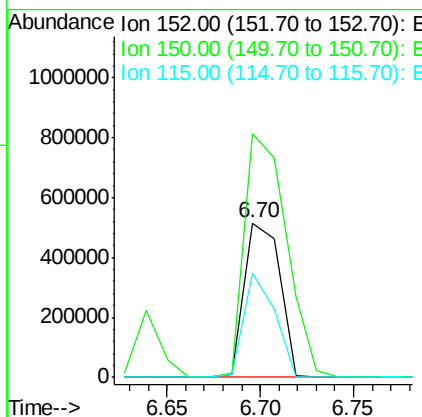
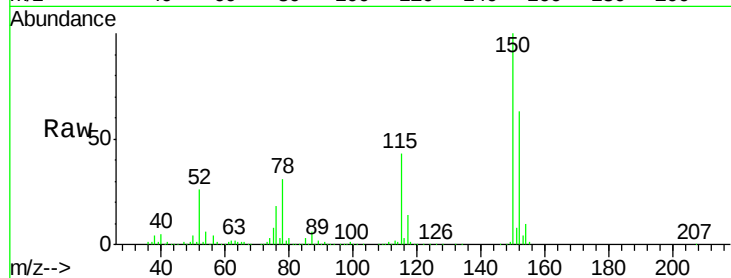
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.3	187.9
115	67.6	40.9	61.3

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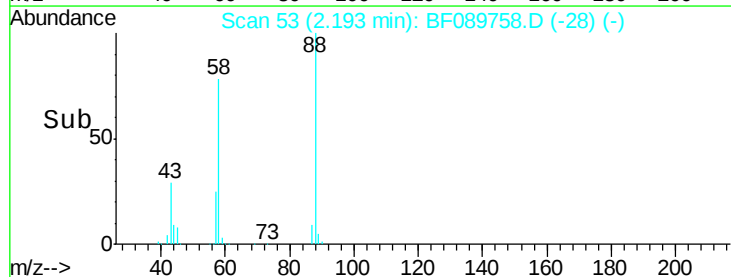
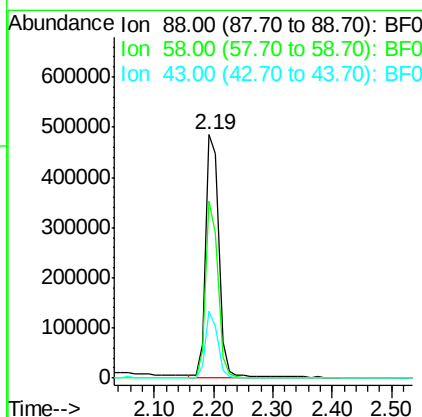
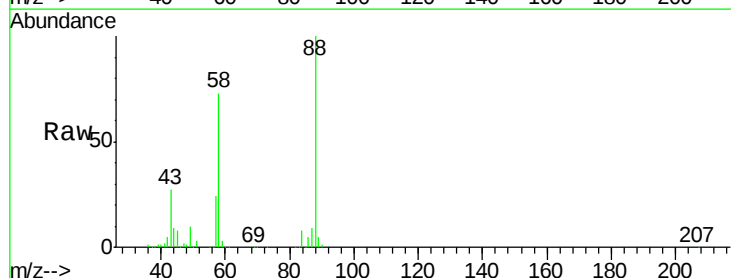
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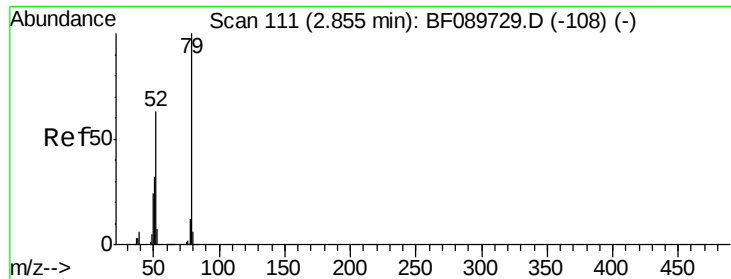


#2

1,4-Dioxane
Concen: 36.20 ng
RT: 2.19 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	57.0	85.4
43	25.1	21.8	32.8





#3
 Pvridine
 Concen: 36.87 ng
 RT: 2.84 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

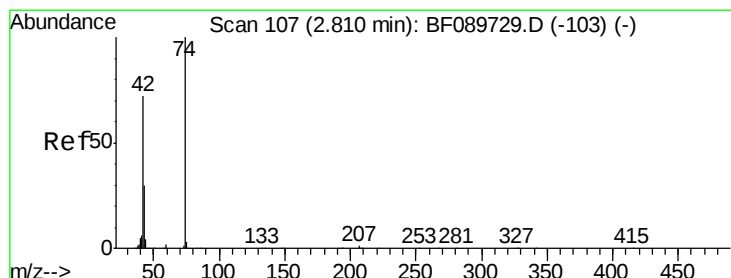
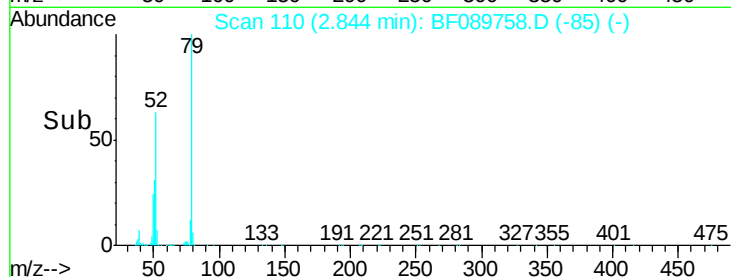
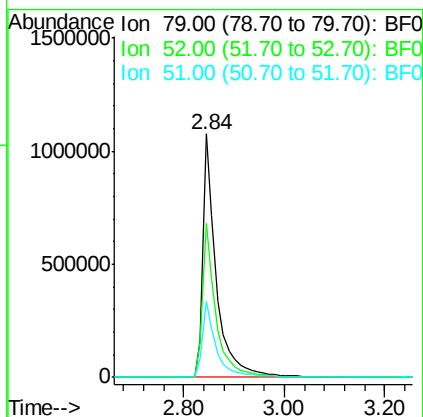
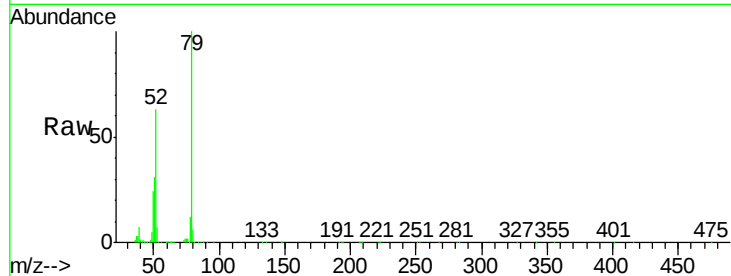
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 79 Resp: 1997625

Ion	Ratio	Lower	Upper
79	100		
52	63.1	53.6	80.4
51	31.4	26.6	39.8

Manual Integrations
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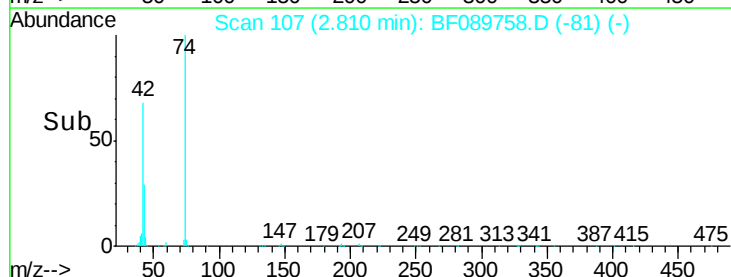
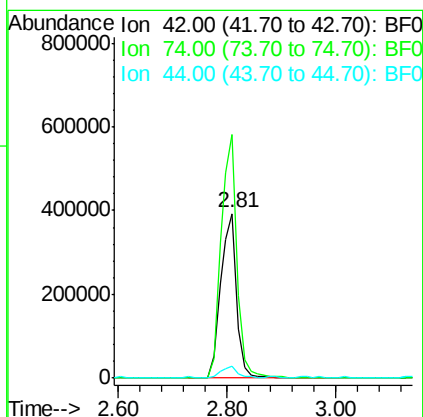
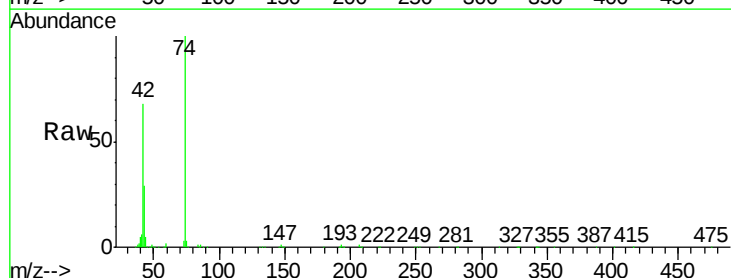
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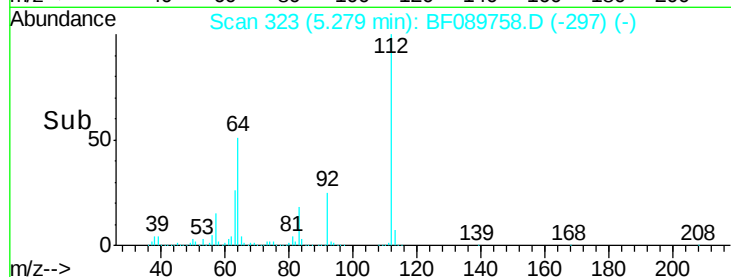
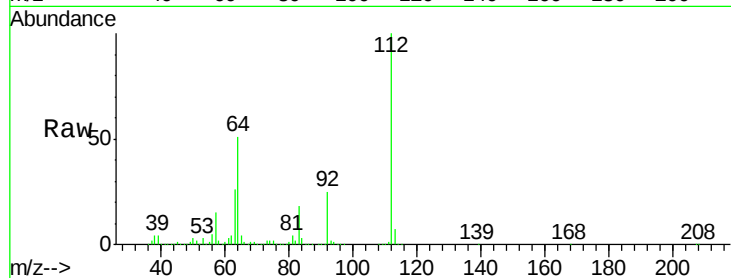
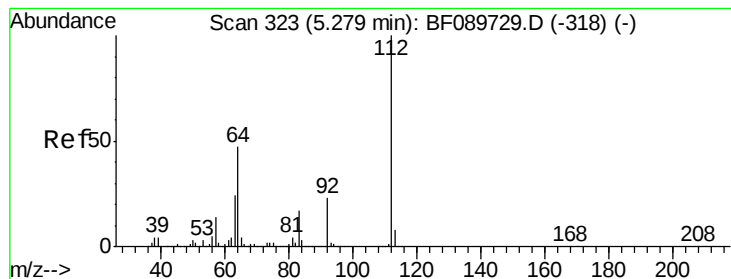


#4
 n-Nitrosodimethylamine
 Concen: 37.37 ng
 RT: 2.81 min Scan# 107
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion: 42 Resp: 812693

Ion	Ratio	Lower	Upper
42	100		
74	147.7	106.2	159.2
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 80.60 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089758.D

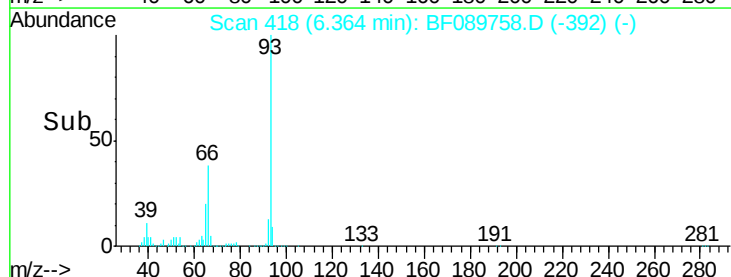
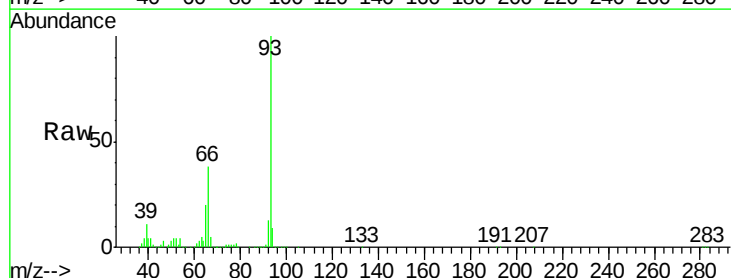
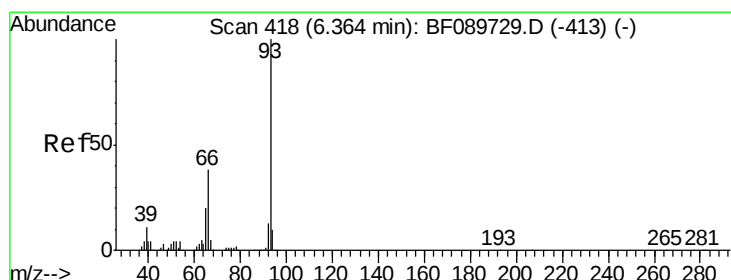
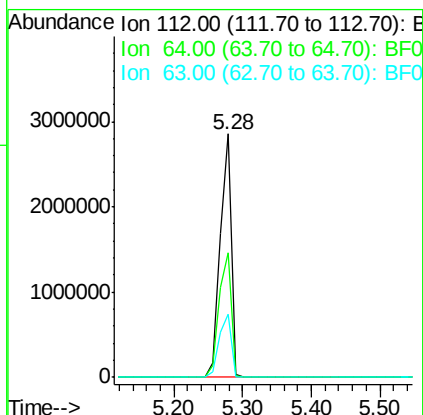
Acq: 17 Aug 2016 12:11

Tot Ion:	112	Resp:	3282221
Ion	Ratio	Lower	Upper
112	100		
64	51.2	45.0	67.4
63	26.0	23.1	34.7

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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#6

Aniline

Concen: 37.98 ng

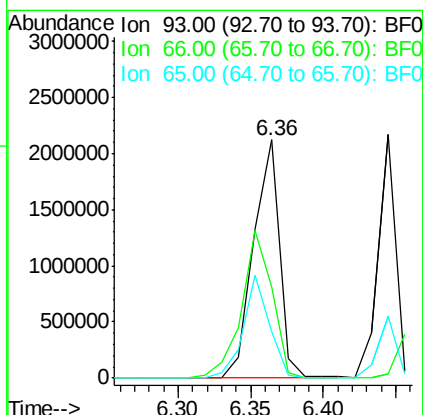
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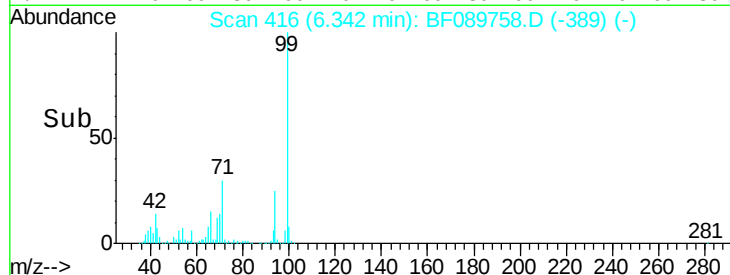
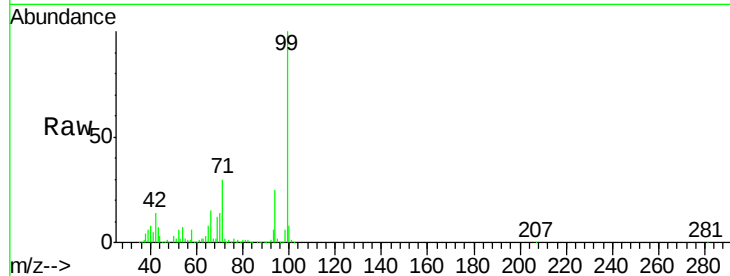
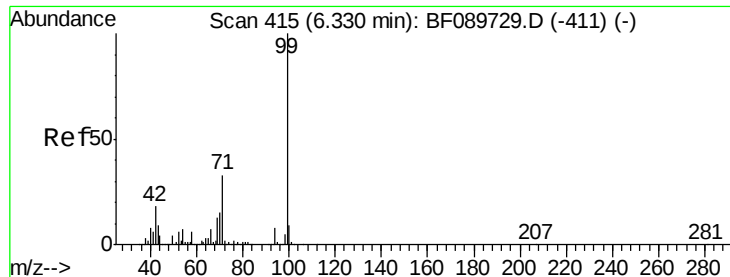
Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tgt Ion:	93	Resp:	2644393
Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.6	46.0
65	19.6	15.4	23.2





#7

Phenol-d6

Concen: 77.27 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tot Ion: 99 Resp: 4002347

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.4

71 30.3 23.8 35.8

Instrument :

BNA_F

ClientSampleId :

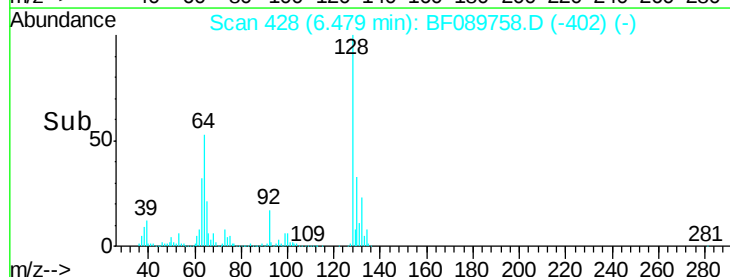
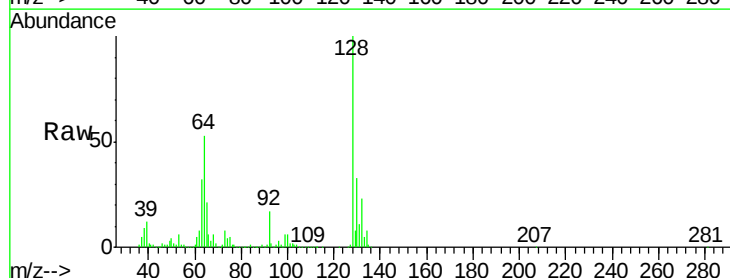
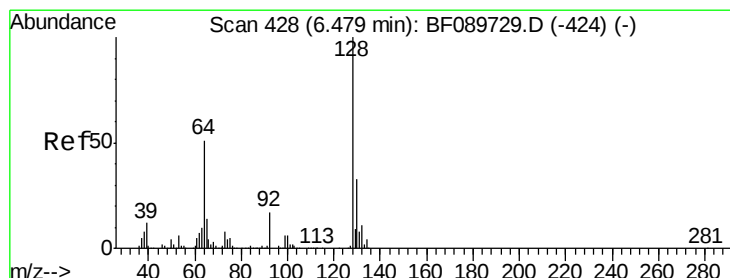
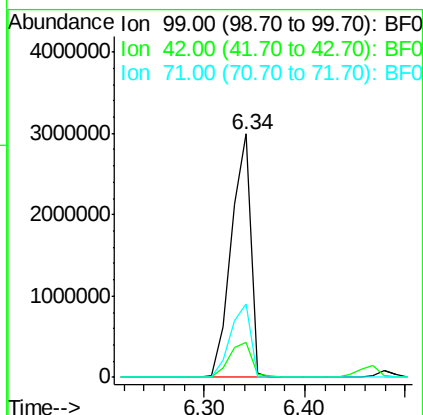
SSTDCCC040EC

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.82 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

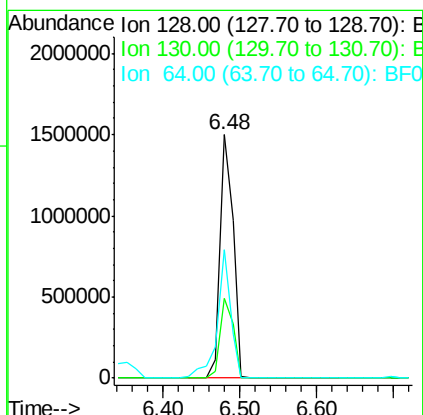
Tgt Ion:128 Resp: 1783671

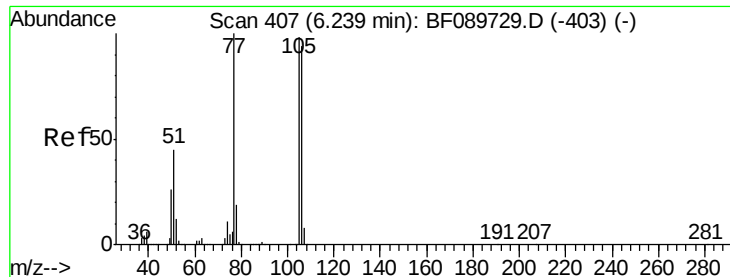
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 53.0 35.1 75.1





#9

Benzaldehyde

Concen: 36.11 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1239881

Ion Ratio Lower Upper

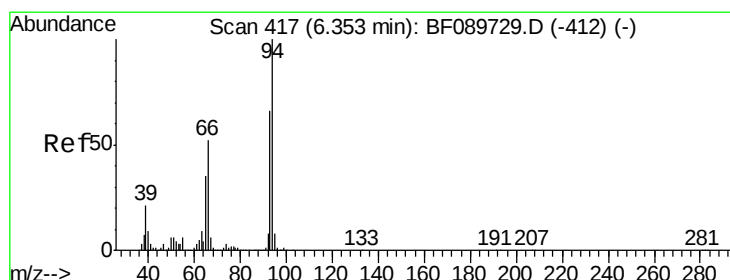
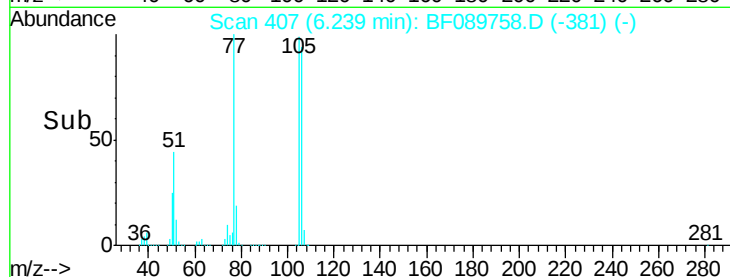
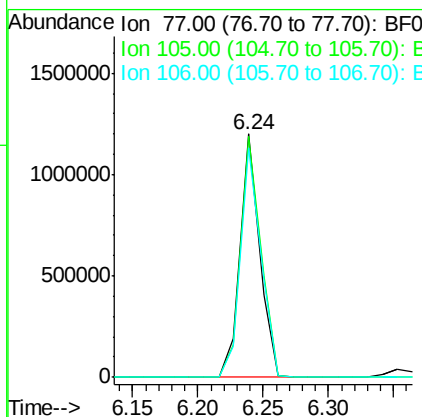
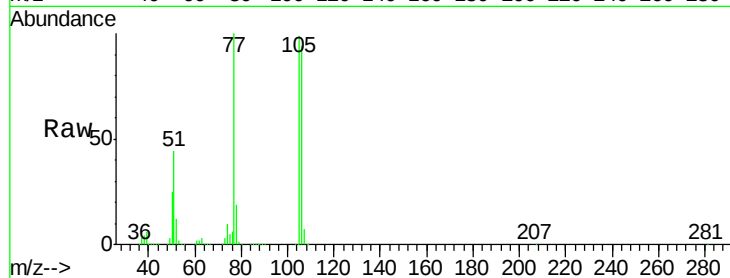
77 100

105 98.8 73.3 113.3

106 94.2 68.6 108.6

Manual Integrations
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#10

Phenol

Concen: 40.31 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

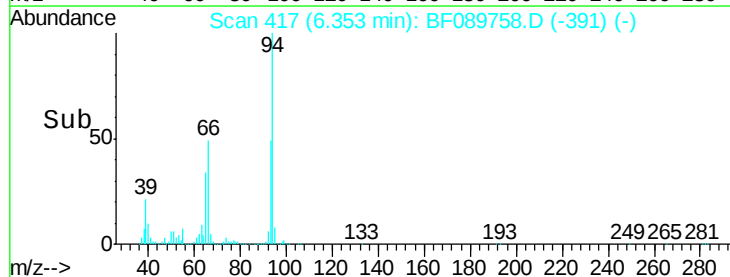
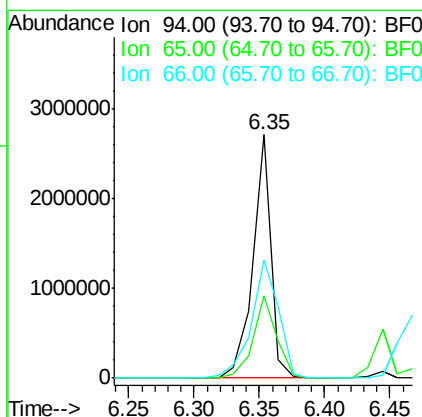
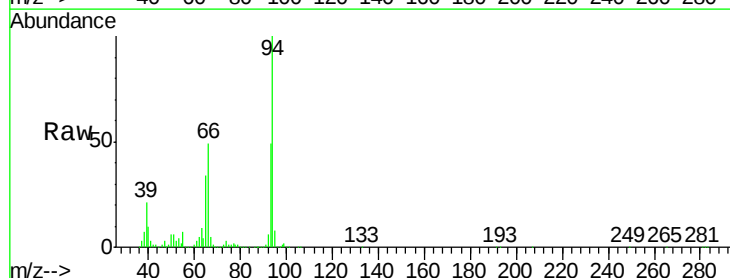
Tgt Ion: 94 Resp: 2599279

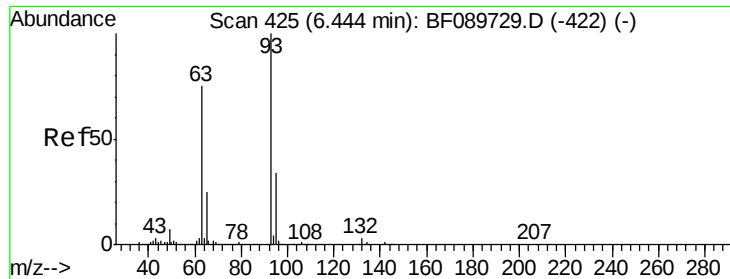
Ion Ratio Lower Upper

94 100

65 33.7 14.0 54.0

66 48.5 31.2 71.2





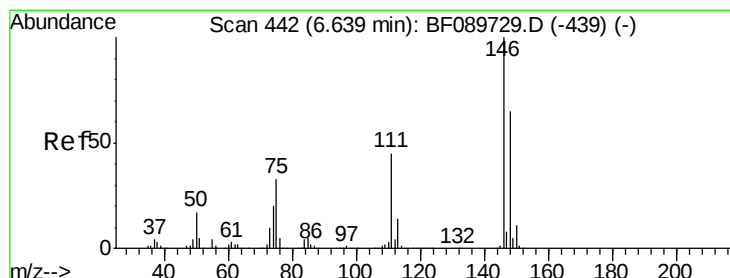
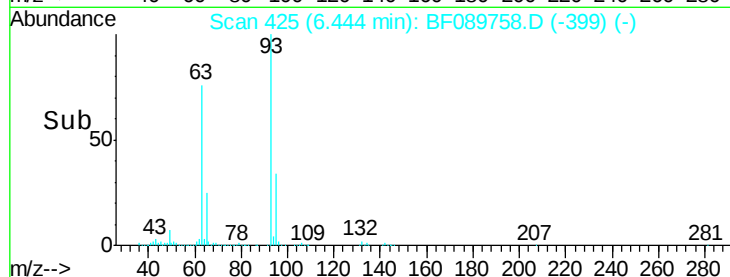
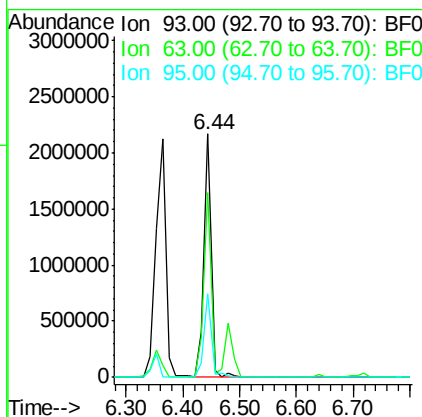
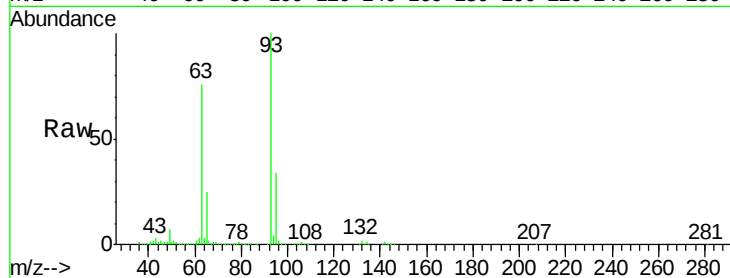
#11
bis(2-Chloroethyl)ether
Concen: 38.90 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.8	95.8
95	34.3	13.0	53.0

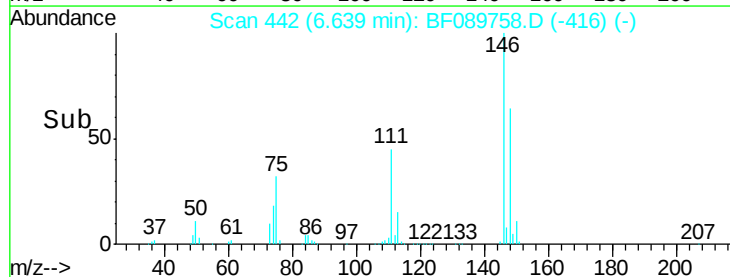
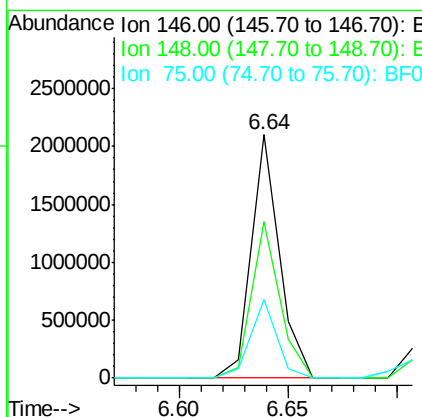
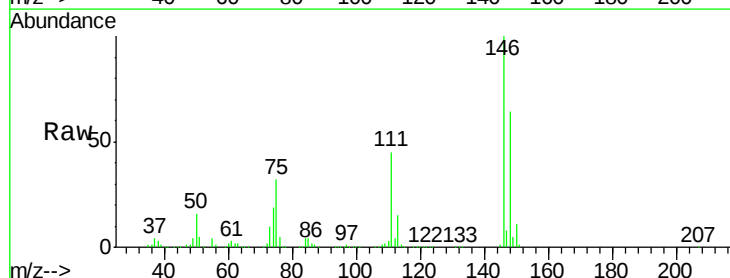
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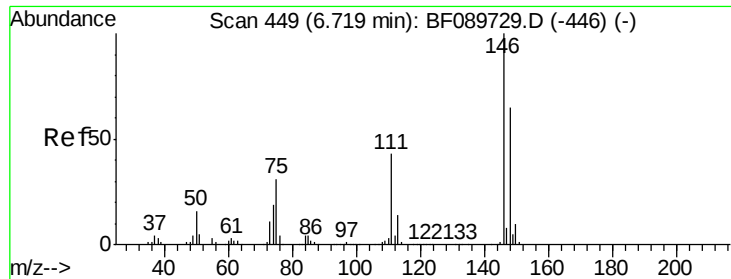
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#12
1,3-Dichlorobenzene
Concen: 36.34 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	32.2	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 37.57 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:146 Resp: 1970791

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

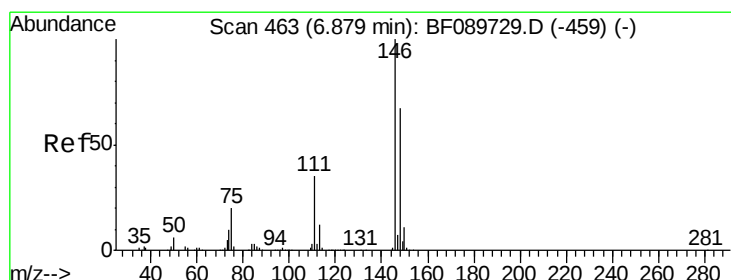
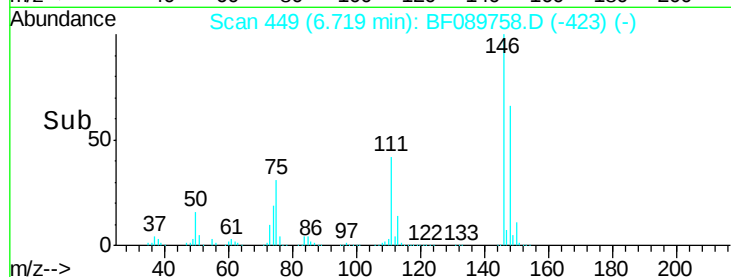
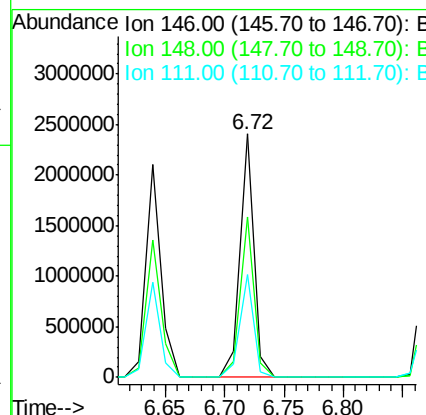
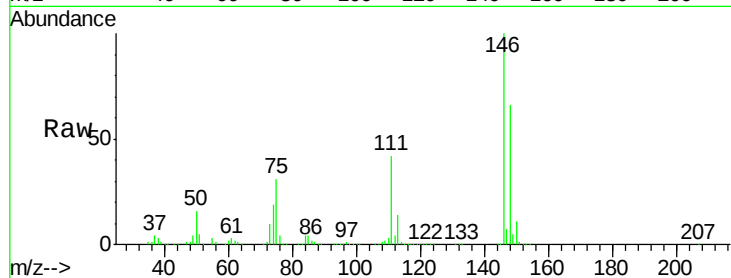
111 42.5 34.6 52.0

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#14

1,2-Dichlorobenzene

Concen: 37.73 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

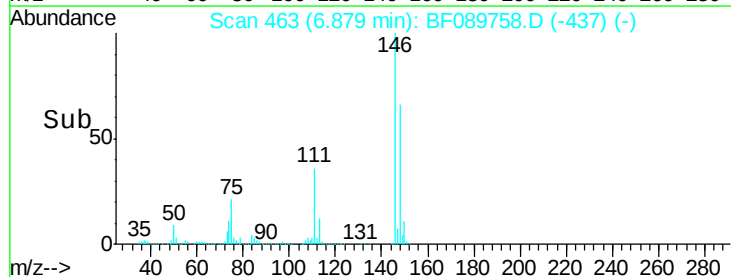
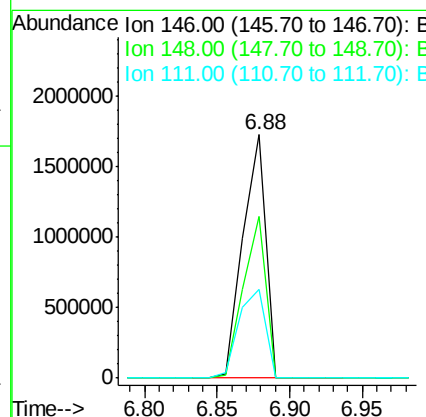
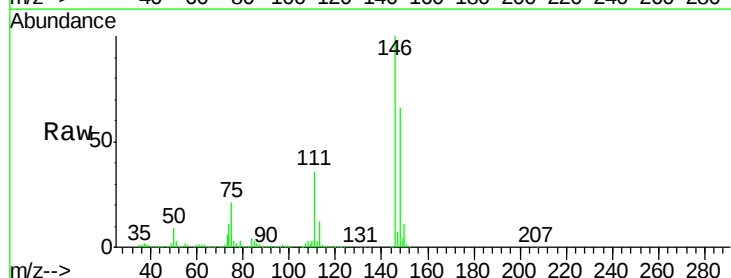
Tgt Ion:146 Resp: 1886933

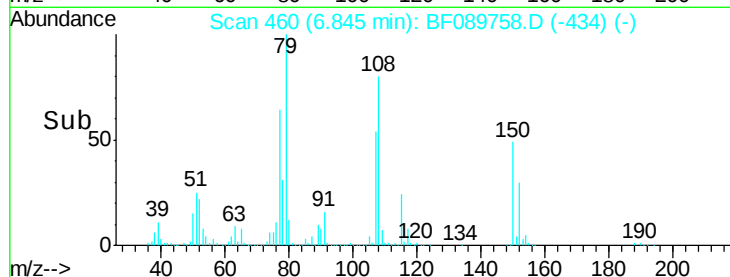
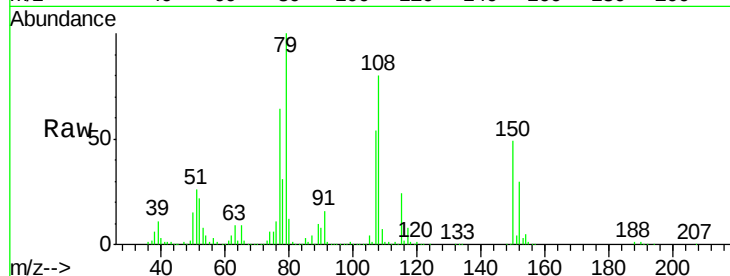
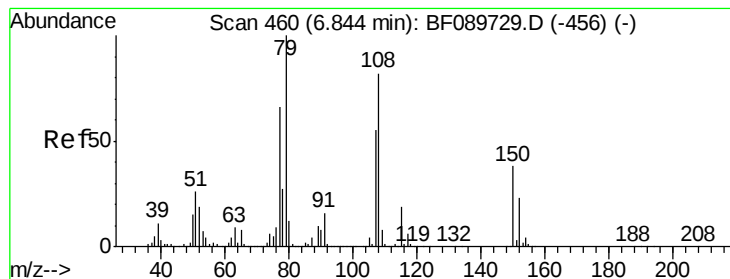
Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.2

111 36.3 29.8 44.6





#15

Benzyl Alcohol

Concen: 35.99 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tot Ion: 79 Resp: 1245961

Ion Ratio Lower Upper

79 100

108 79.9 62.5 93.7

77 64.2 51.5 77.3

Instrument :

BNA_F

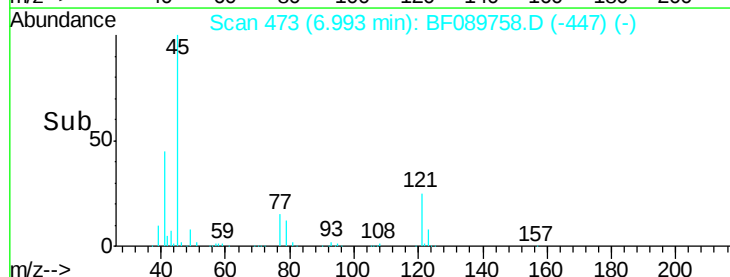
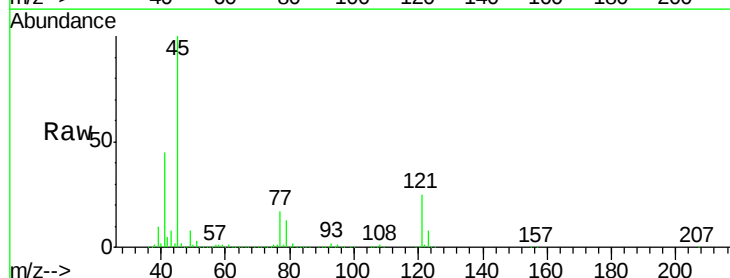
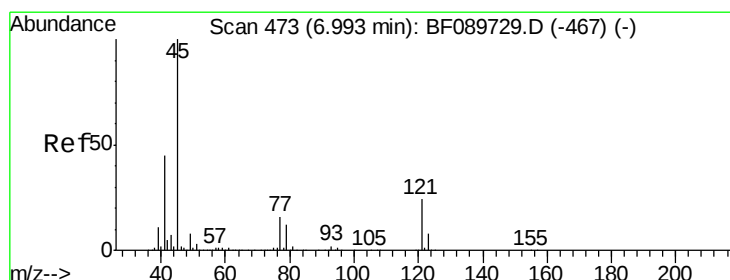
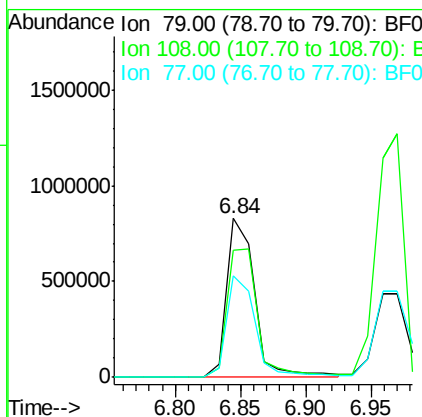
ClientSampleId :

SSTDCCC040EC

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.93 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

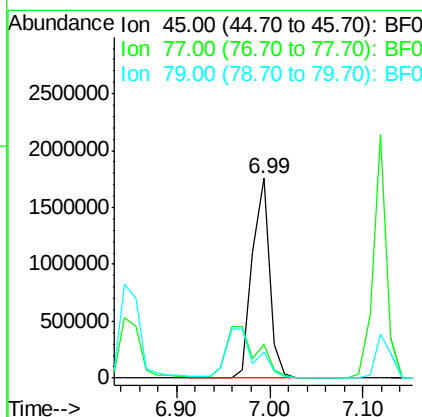
Tgt Ion: 45 Resp: 2251644

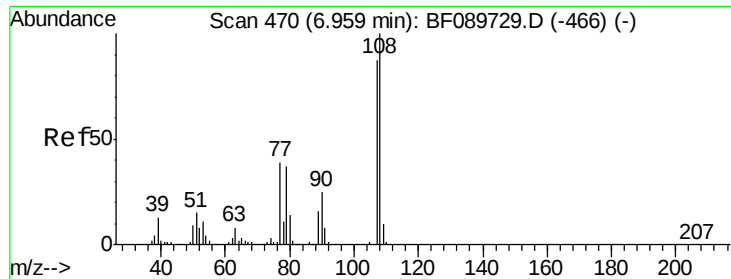
Ion Ratio Lower Upper

45 100

77 16.6 0.0 33.5

79 13.0 0.0 30.7





#17

2-Methylphenol

Concen: 41.40 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 1593221

Ion Ratio Lower Upper

107 100

108 116.0 91.0 136.4

77 41.0 37.4 56.0

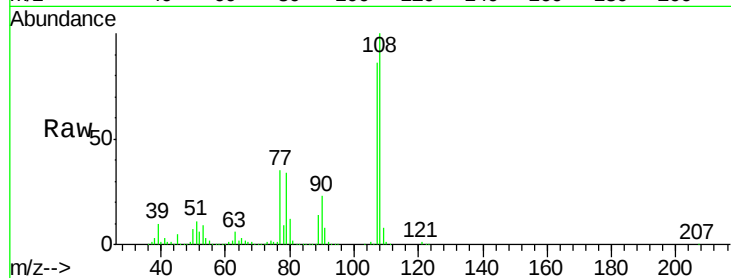
79 39.8 36.6 55.0

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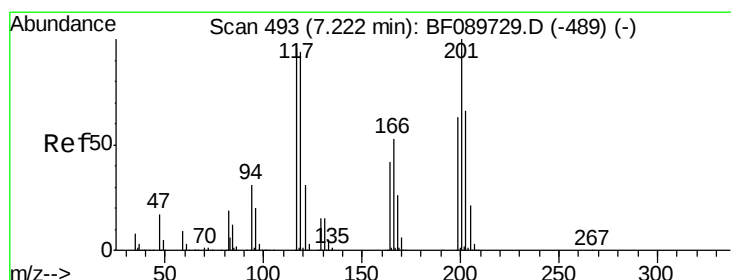
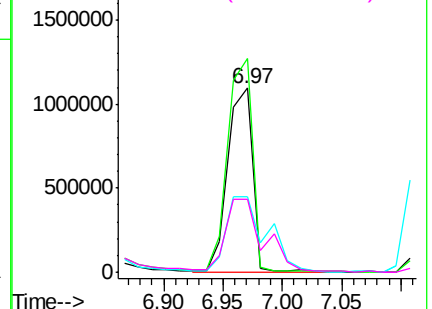
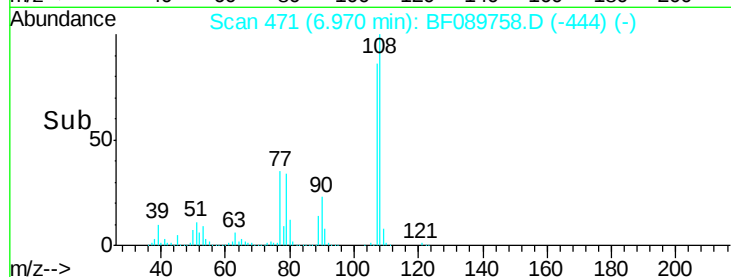


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.93 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

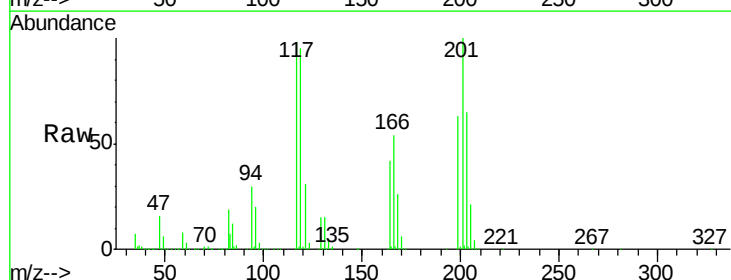
Tgt Ion:117 Resp: 767600

Ion Ratio Lower Upper

117 100

119 97.3 77.1 115.7

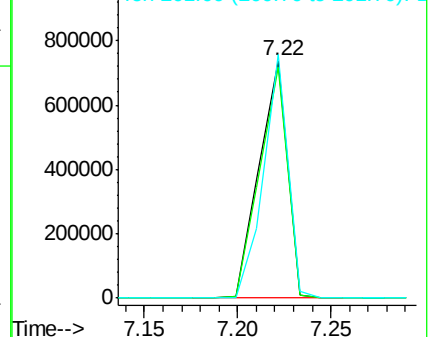
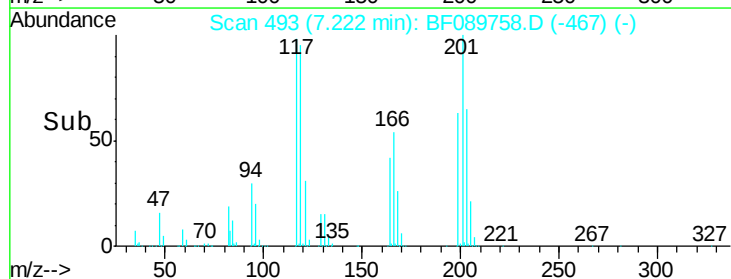
201 102.5 76.9 115.3

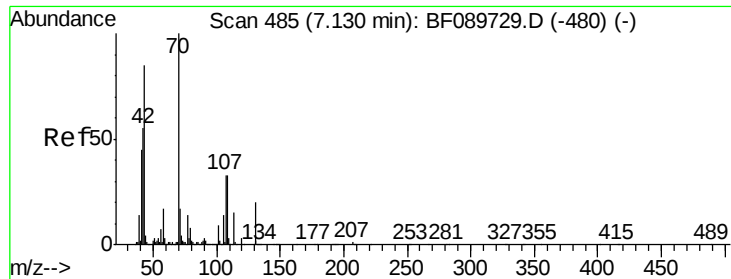


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





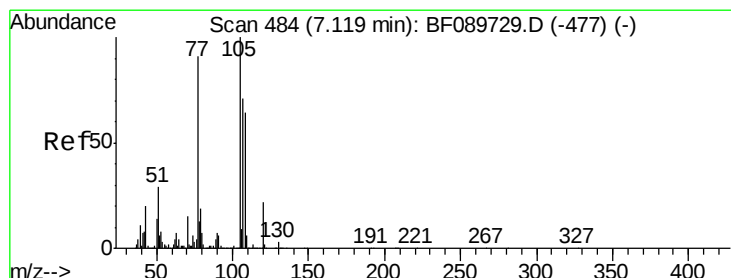
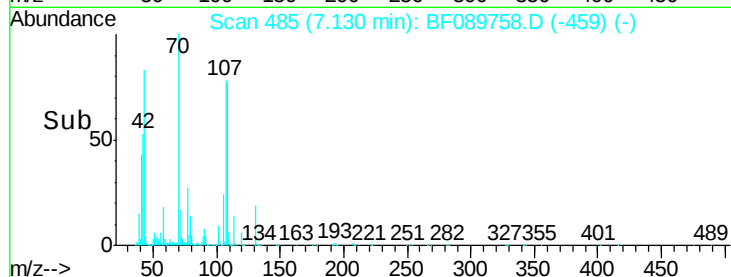
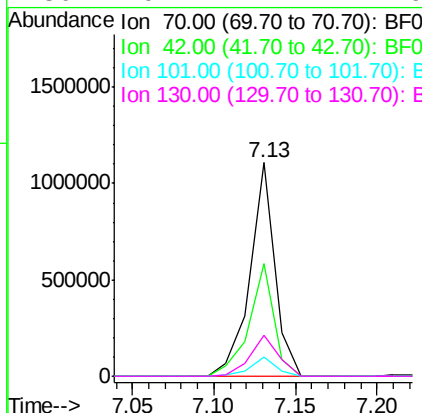
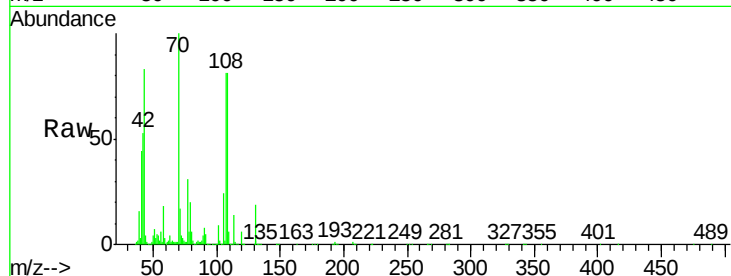
#19
n-Nitroso-di-n-propylamine
Concen: 34.82 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 1181083
Ion Ratio Lower Upper
70 100
42 52.6 46.3 69.5
101 9.3 7.0 10.6
130 19.4 14.4 21.6

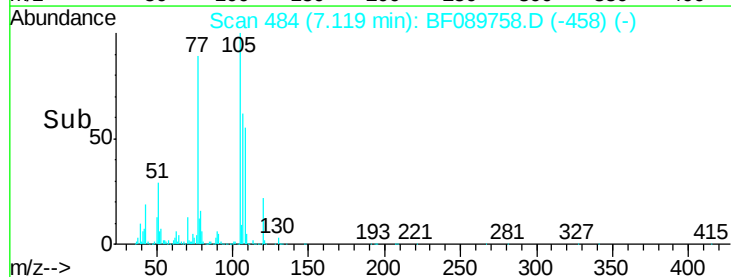
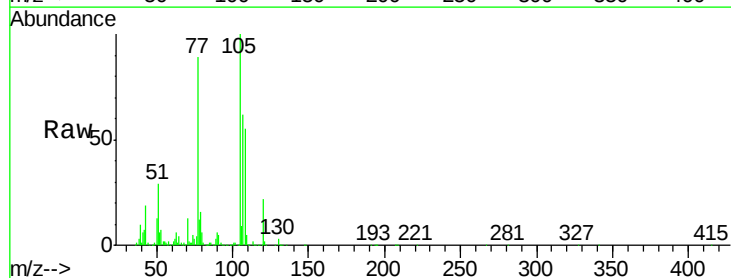
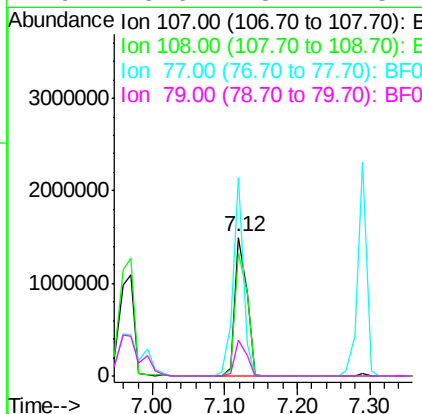
Manual Integrations
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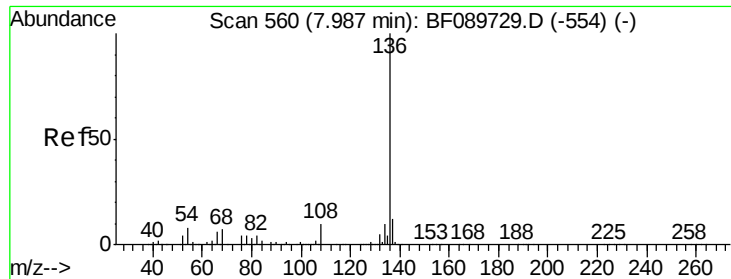
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#20
3+4-Methylphenols
Concen: 34.86 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion: 107 Resp: 1717904
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 143.2 122.3 162.3
79 25.6 8.2 48.2





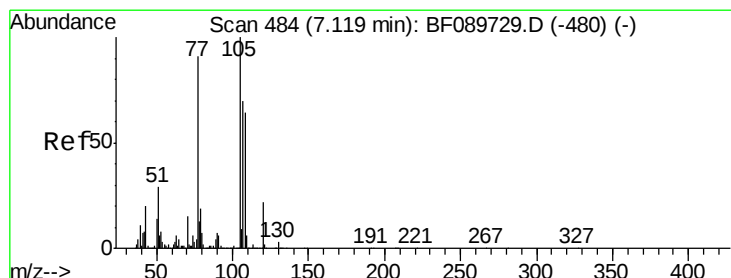
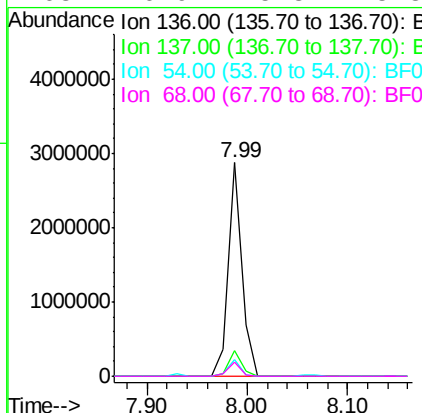
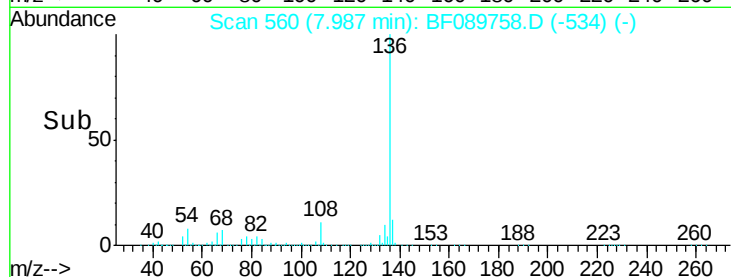
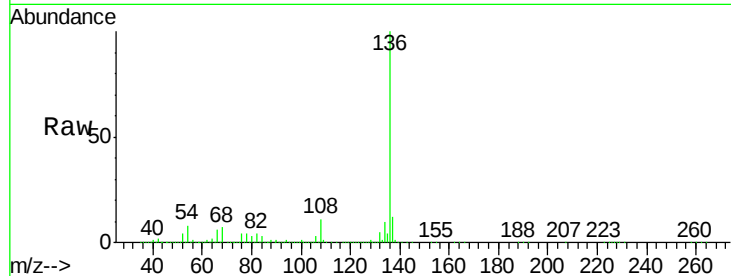
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	136	Resp:	2704392
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	7.9	7.2	10.8
68	6.9	5.8	8.8

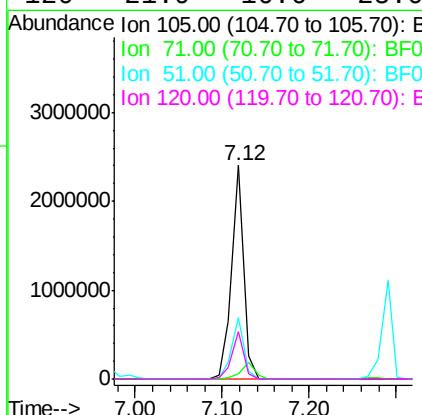
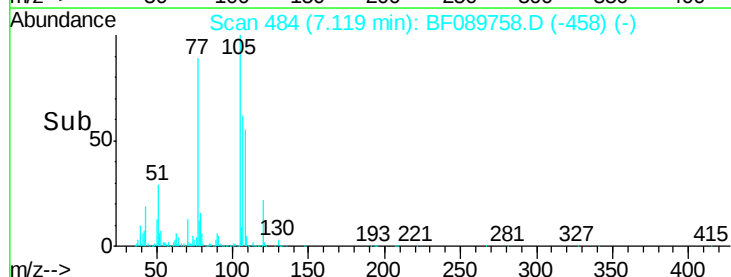
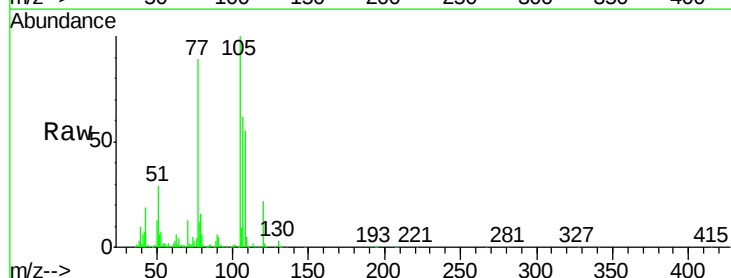
Manual Integrations
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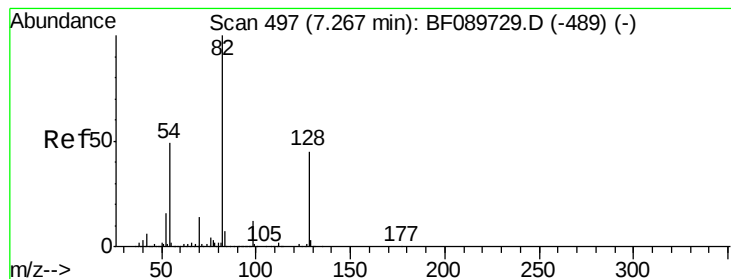
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#22
Acetophenone
Concen: 36.65 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion:	105	Resp:	2303728
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.9	2.9
51	28.8	28.5	42.7
120	21.9	16.6	25.0





#23

Nitrobenzene-d5

Concen: 79.40 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 3516471

Ion Ratio Lower Upper

82 100

128 45.4 34.4 51.6

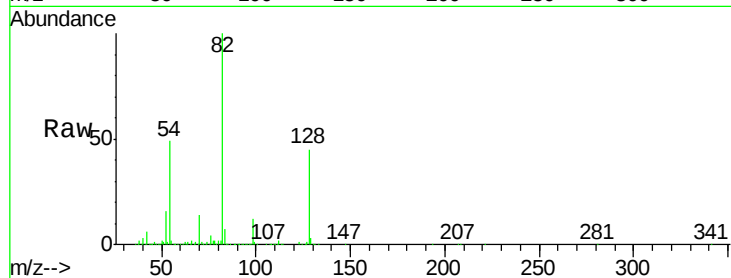
54 48.8 40.3 60.5

Manual Integrations

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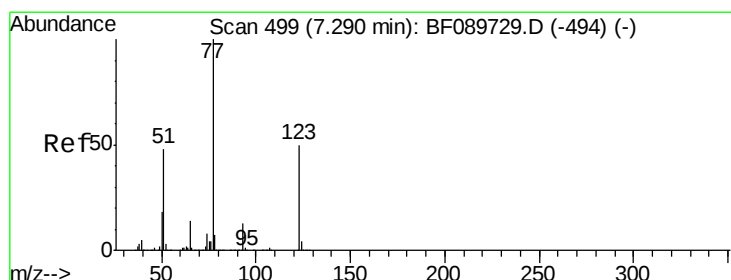
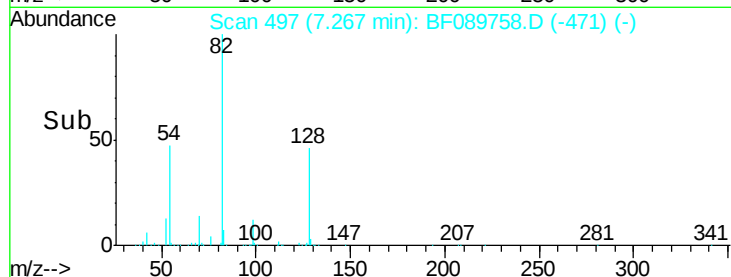
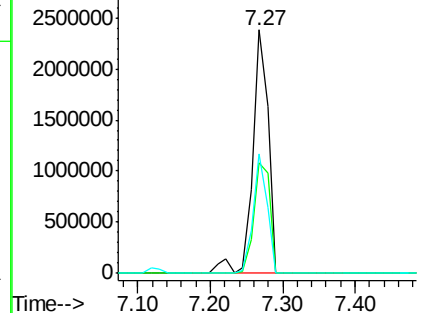
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.13 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

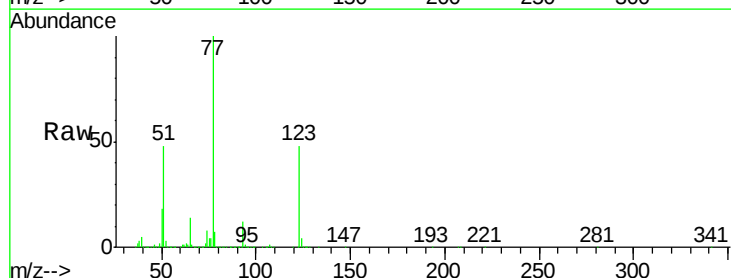
Tgt Ion: 77 Resp: 1949517

Ion Ratio Lower Upper

77 100

123 48.0 36.2 54.2

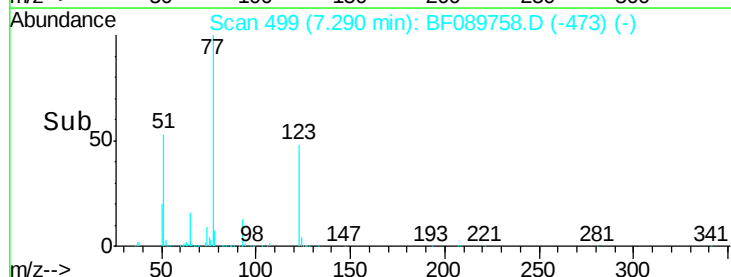
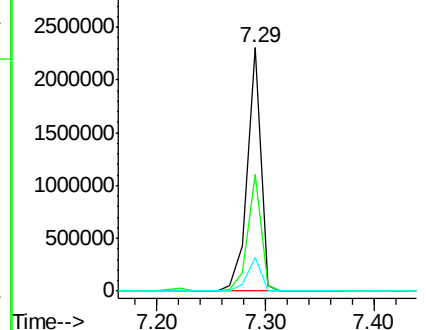
65 13.9 10.6 15.8

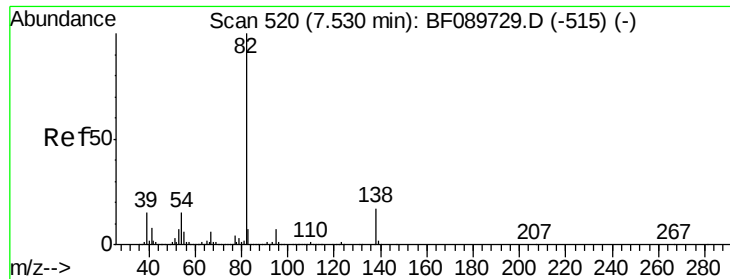


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.18 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 3383167

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

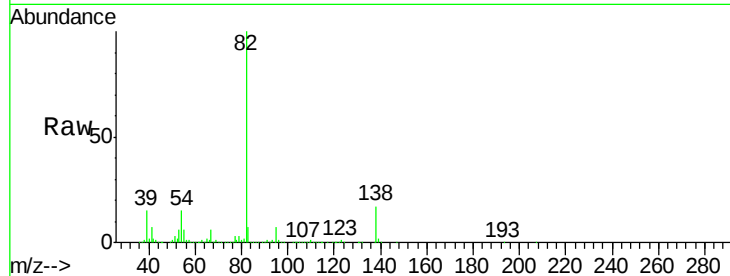
138 16.5 13.0 19.4

Manual Integrations

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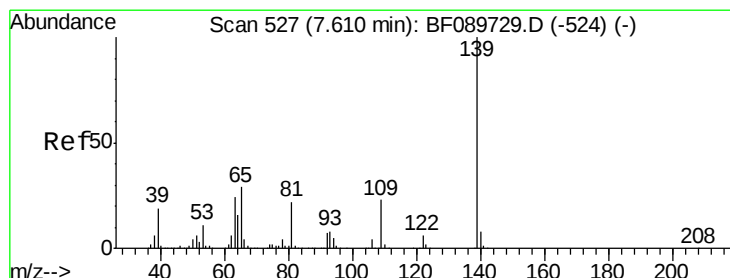
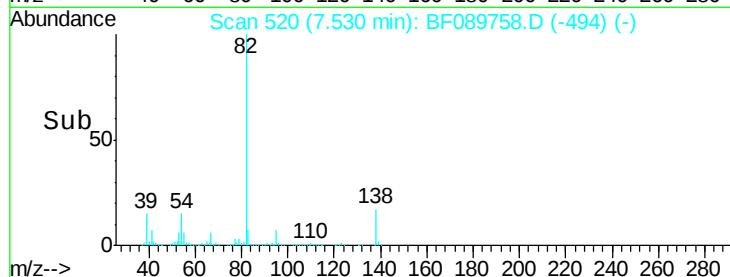
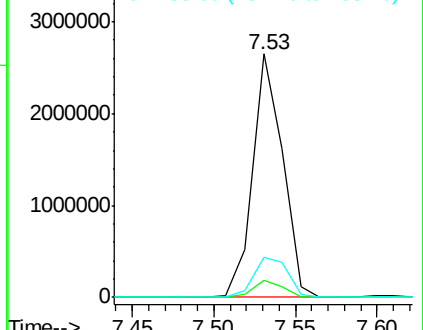
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.74 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

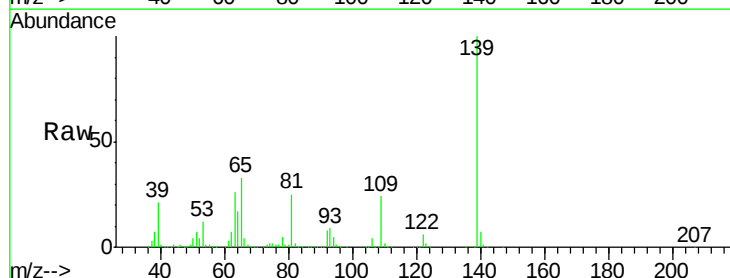
Tgt Ion: 139 Resp: 1048743

Ion Ratio Lower Upper

139 100

109 23.9 19.5 29.3

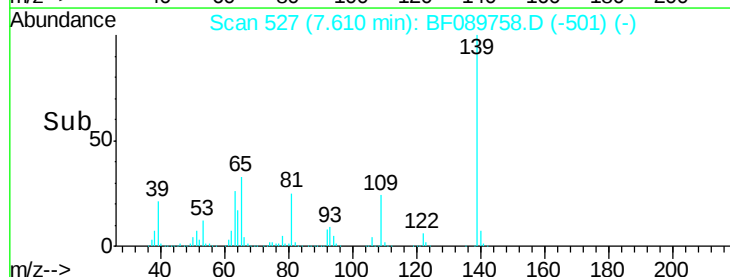
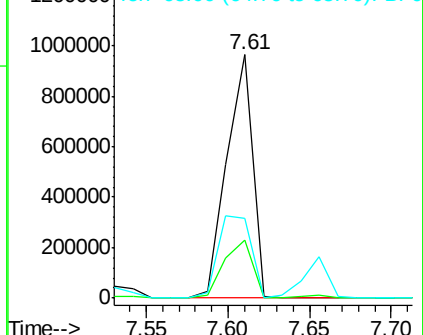
65 33.0 26.5 39.7

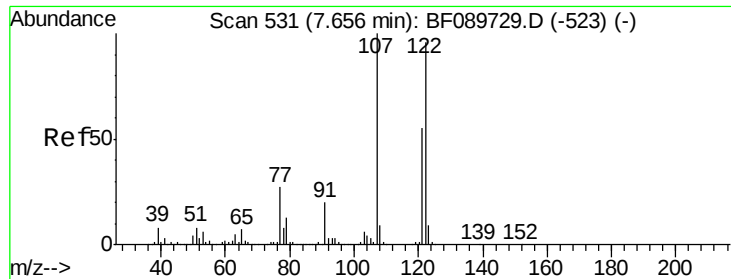


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.22 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:122 Resp: 1876105

Ion Ratio Lower Upper

122 100

107 106.6 84.8 127.2

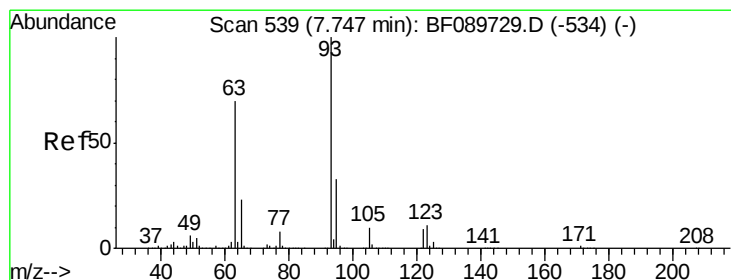
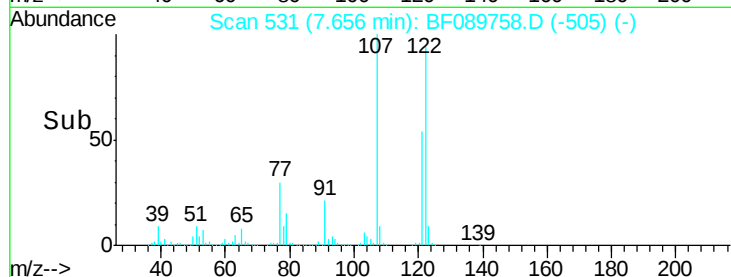
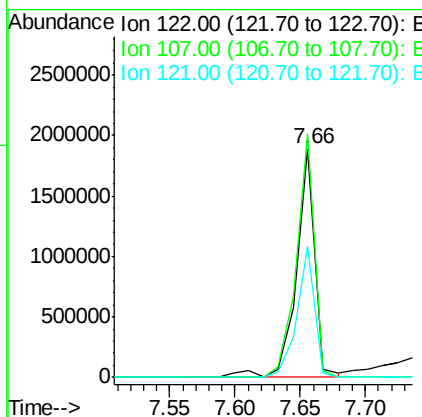
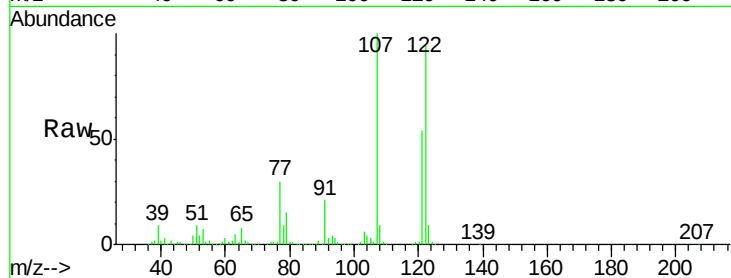
121 57.3 47.0 70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 36.84 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

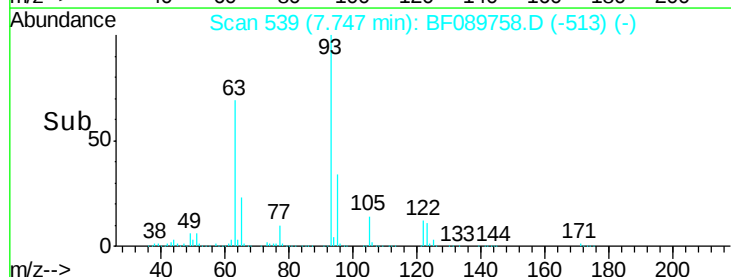
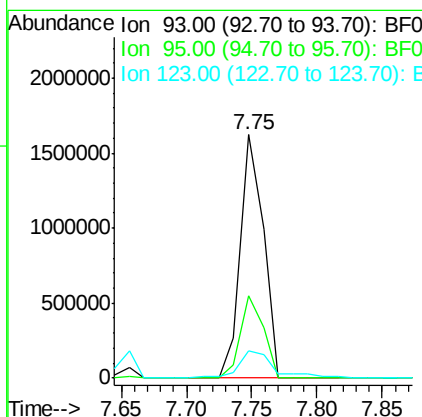
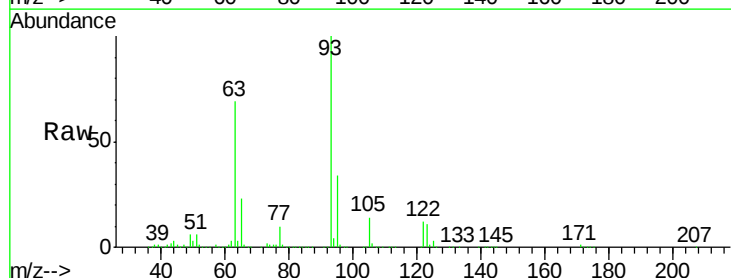
Tgt Ion: 93 Resp: 1983628

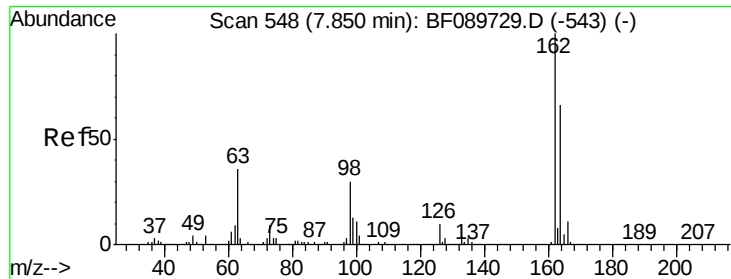
Ion Ratio Lower Upper

93 100

95 33.7 25.5 38.3

123 11.2 8.5 12.7





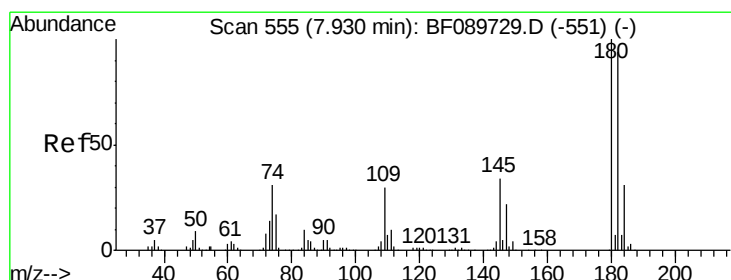
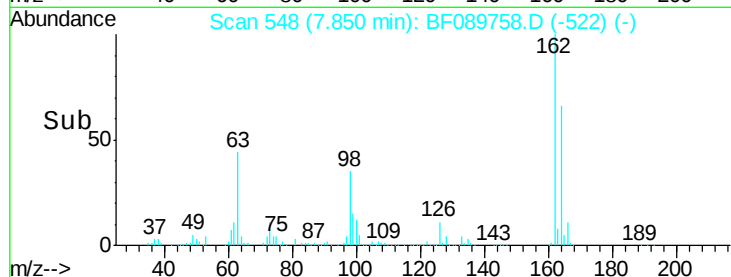
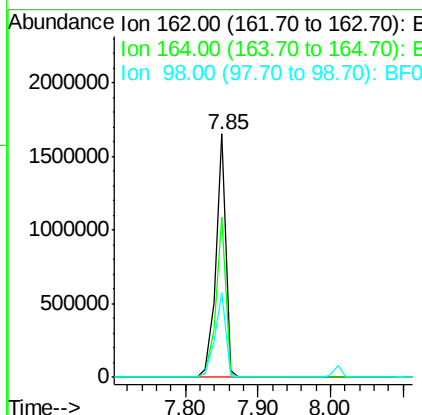
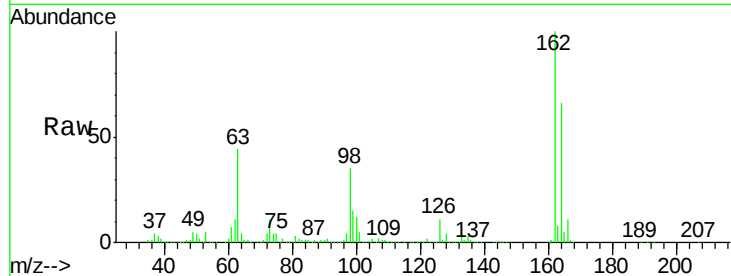
#29
2,4-Dichlorophenol
Concen: 42.14 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	45.5	85.5
98	35.1	12.4	52.4

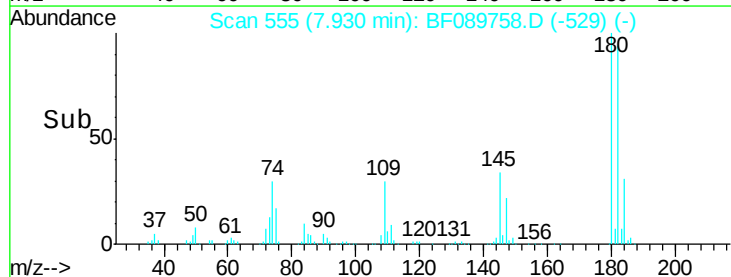
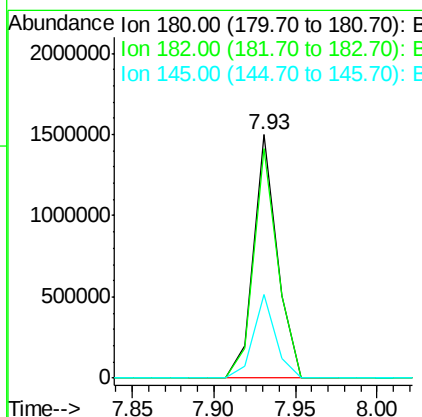
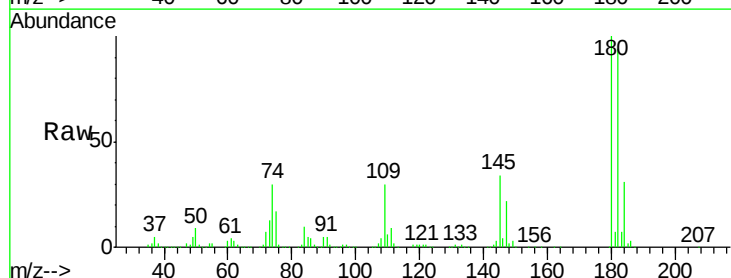
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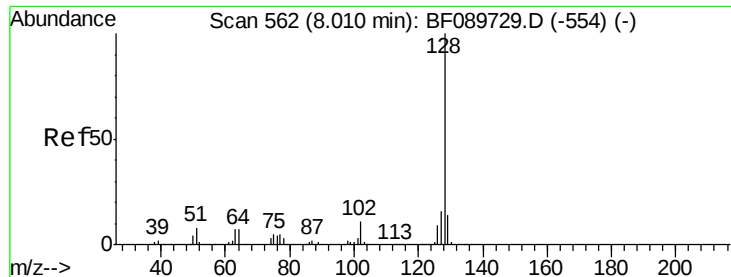
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#30
1,2,4-Trichlorobenzene
Concen: 38.14 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.5	113.3
145	34.3	28.7	43.1





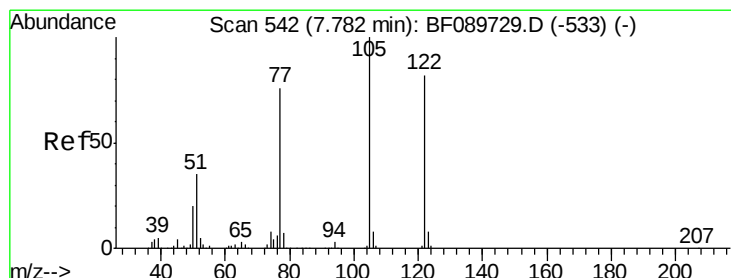
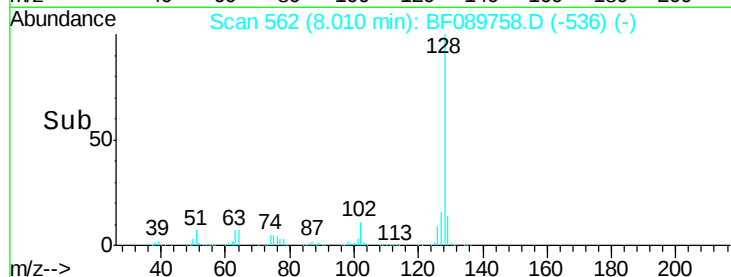
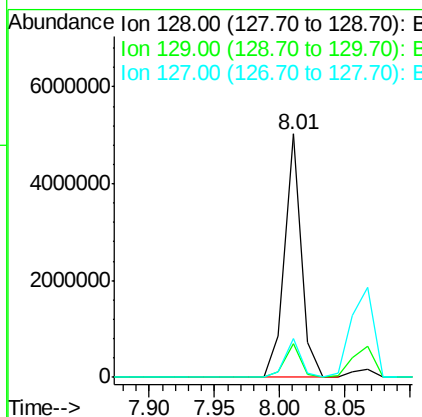
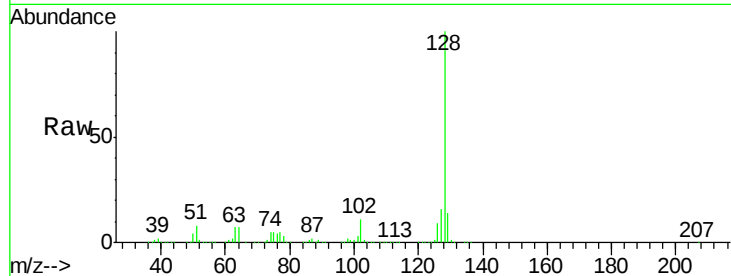
#31
Naphthalene
Concen: 37.53 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 4555336
Ion Ratio Lower Upper
128 100
129 13.7 9.5 14.3
127 15.9 11.3 16.9

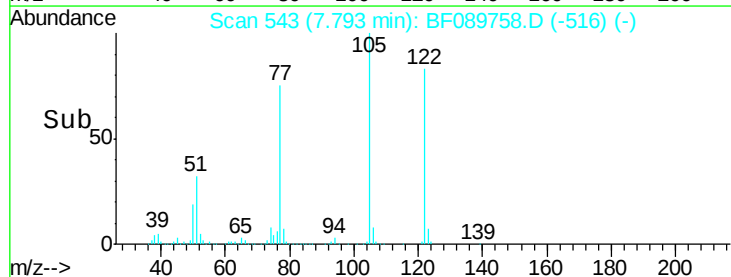
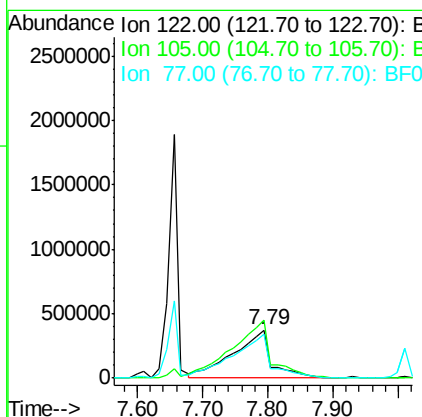
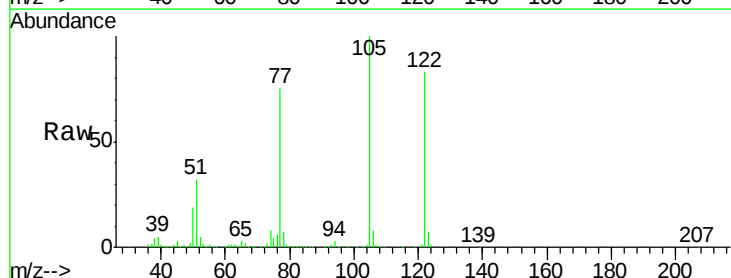
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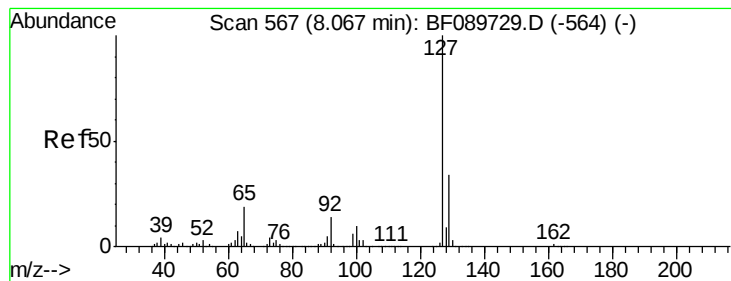
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#32
Benzoic acid
Concen: 43.92 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion:122 Resp: 1517338
Ion Ratio Lower Upper
122 100
105 120.6 100.8 140.8
77 90.1 72.1 112.1





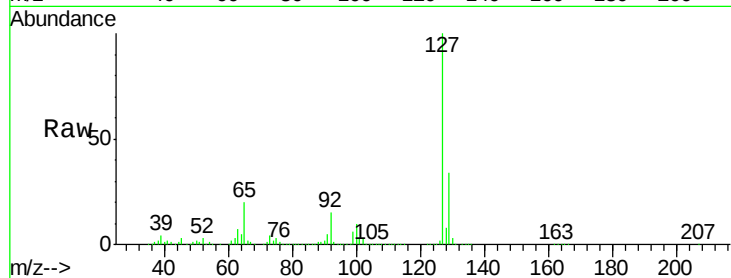
#33
4-Chloroaniline
Concen: 40.36 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

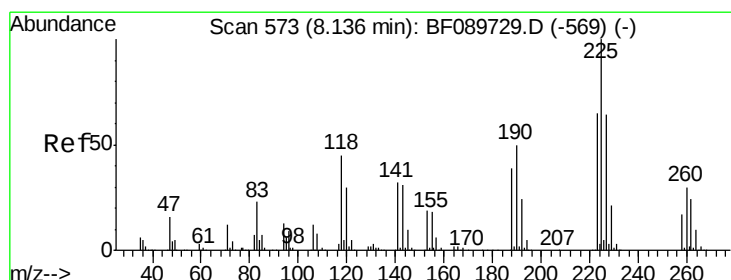
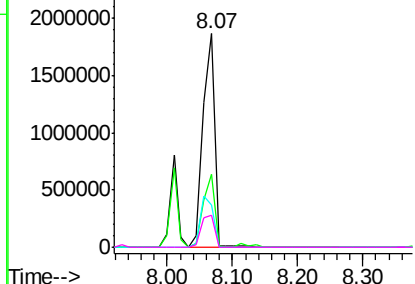
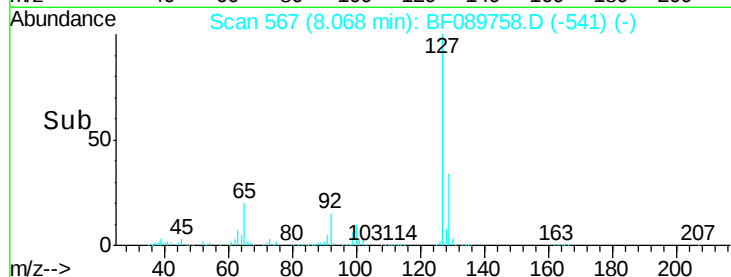
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	34.3	27.0	40.6	
65	20.0	14.7	22.1	
92	15.3	11.7	17.5	

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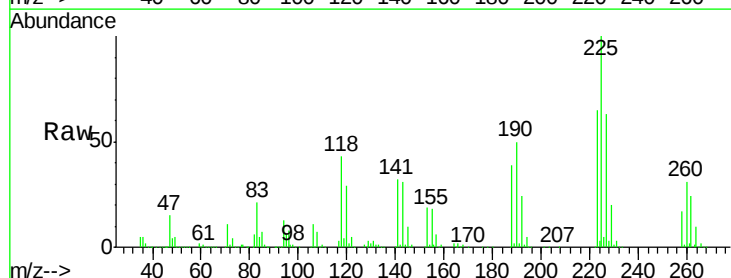


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

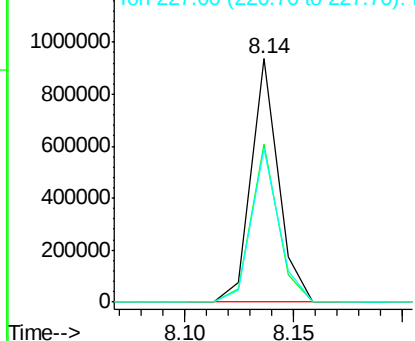
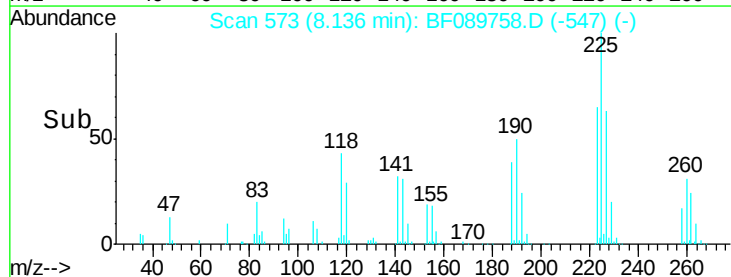


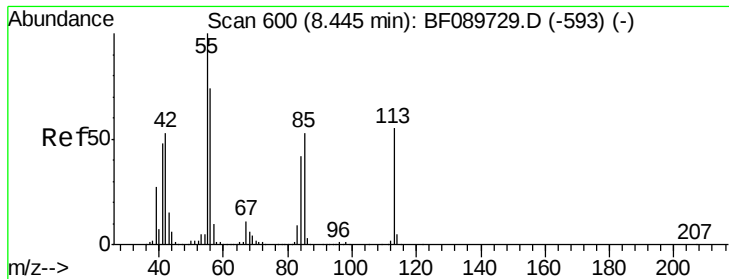
#34
Hexachlorobutadiene
Concen: 39.07 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.9	51.0	76.6	
227	63.4	49.8	74.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





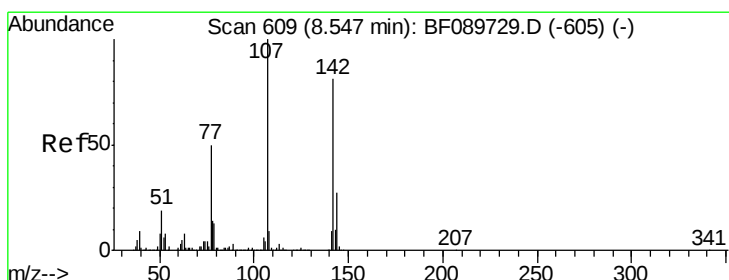
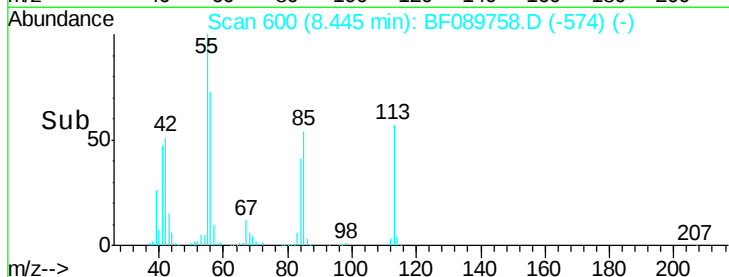
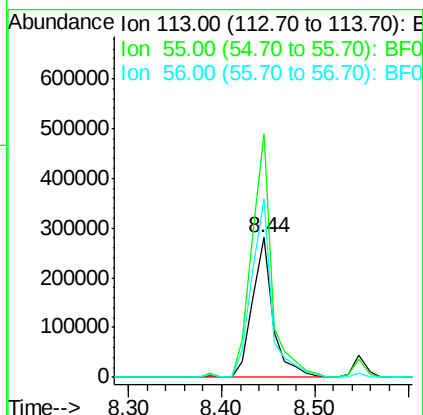
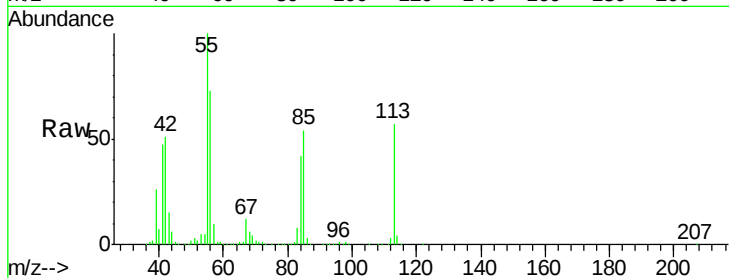
#35
 Caprolactam
 Concen: 37.95 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.2	135.9	175.9
56	127.8	93.9	133.9

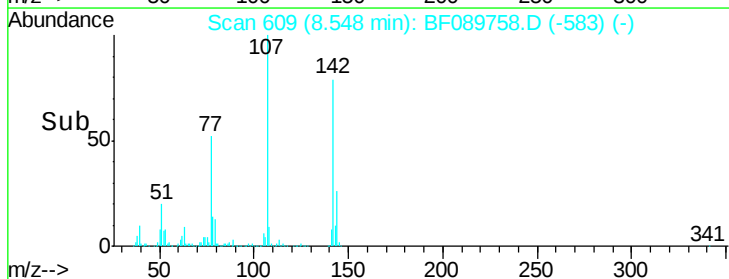
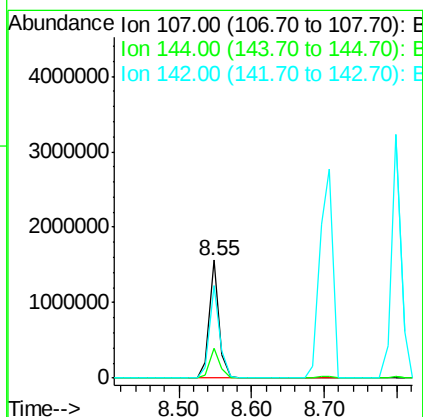
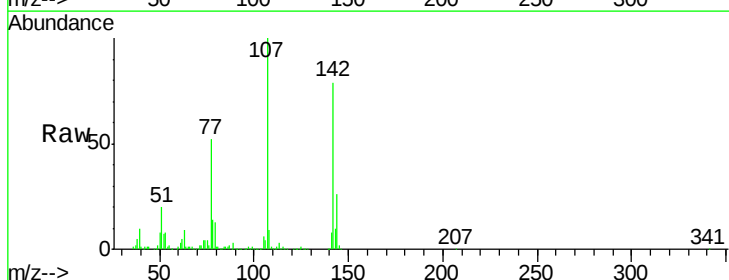
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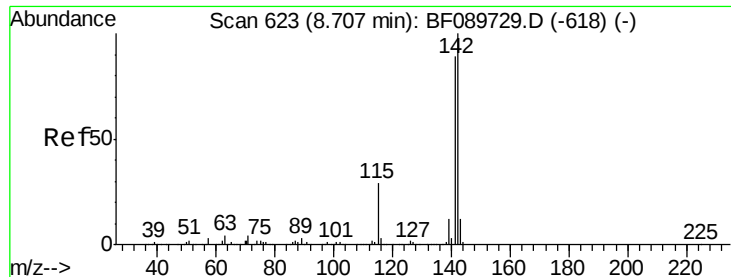
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#36
 4-Chloro-3-methylphenol
 Concen: 36.43 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.6	34.0
142	78.8	69.3	103.9





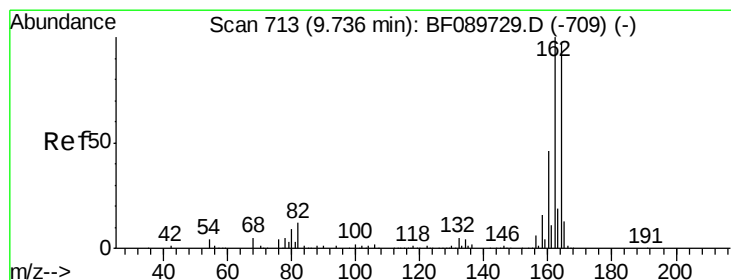
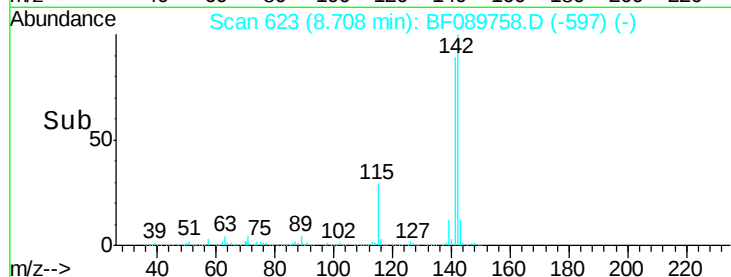
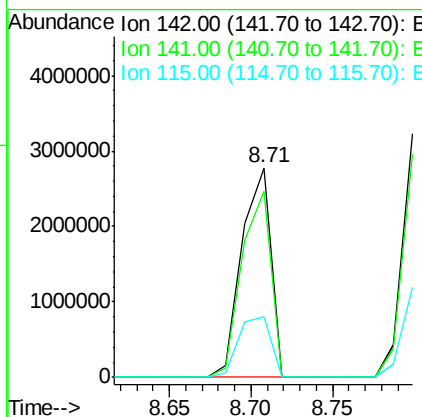
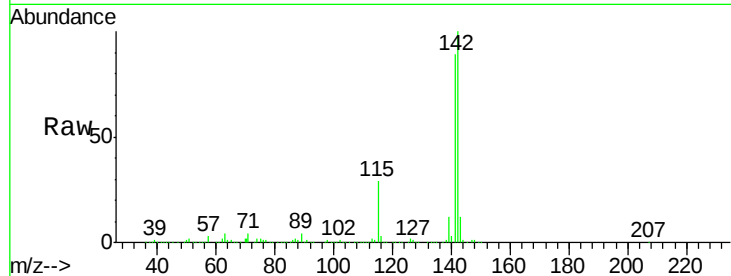
#37
2-Methylnaphthalene
Concen: 41.31 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 3413593
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 29.0 22.7 34.1

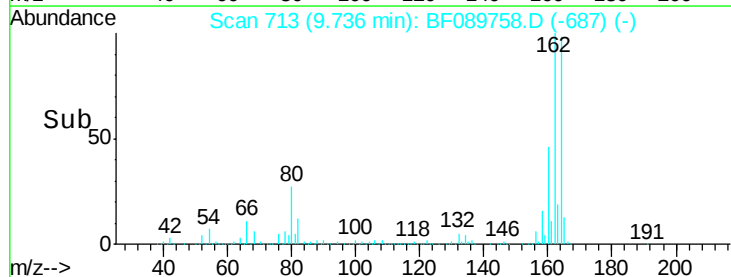
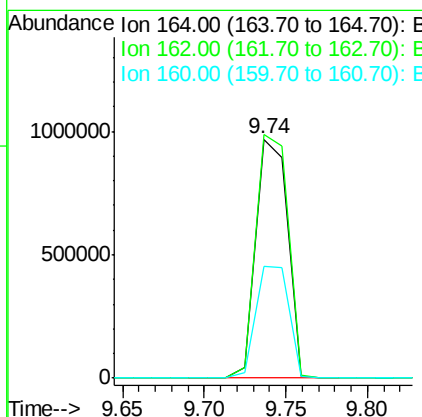
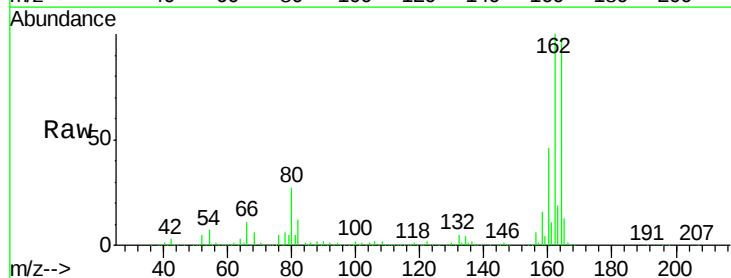
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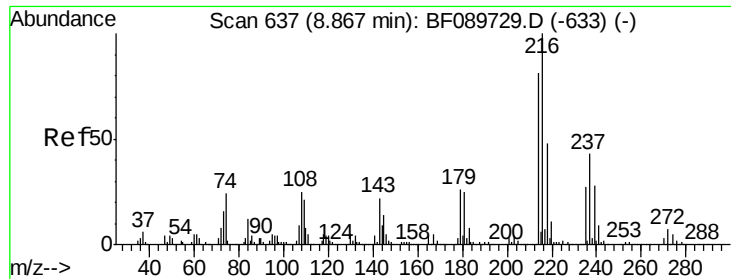
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion:164 Resp: 1311095
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.2
160 46.7 37.8 56.6





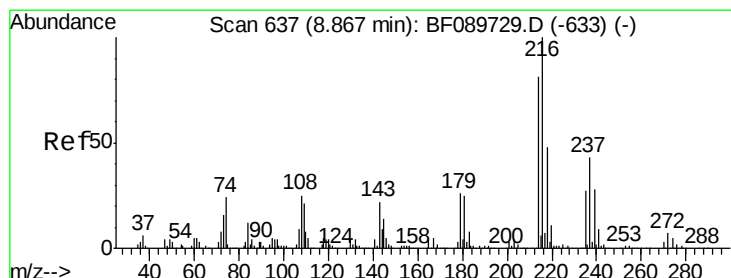
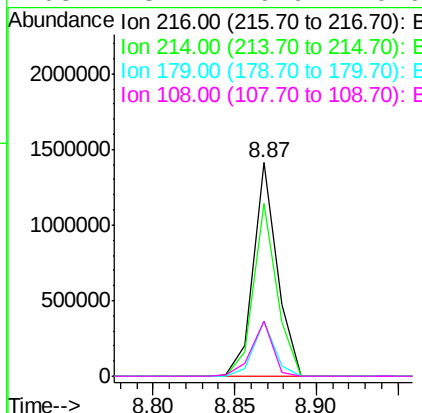
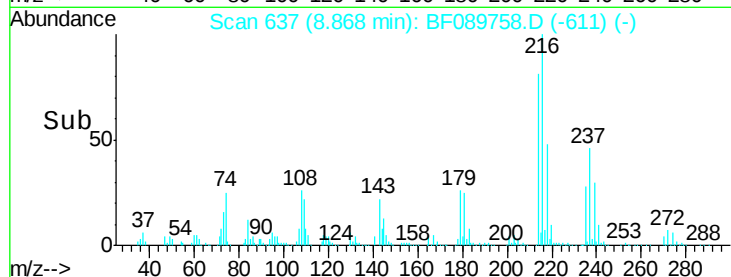
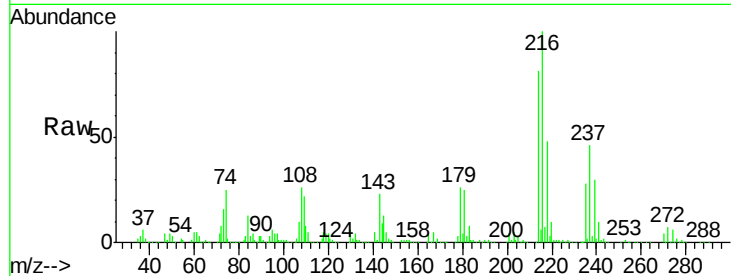
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.06 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
216	100			
214	79.7	63.5	95.3	
179	23.0	19.9	29.9	
108	23.1	19.9	29.9	

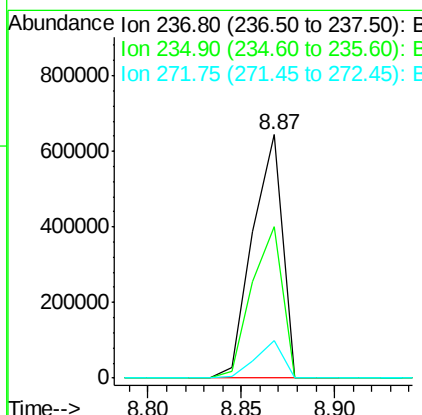
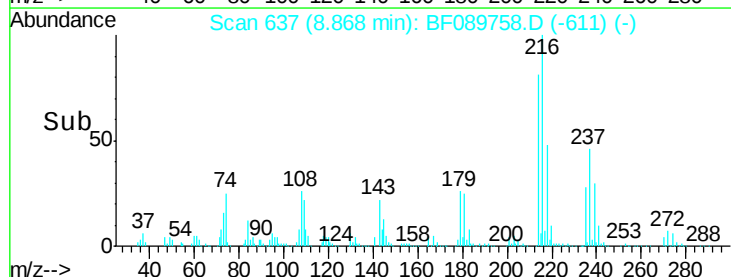
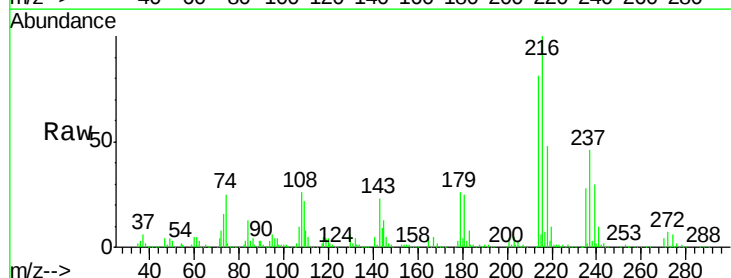
Manual Integrations
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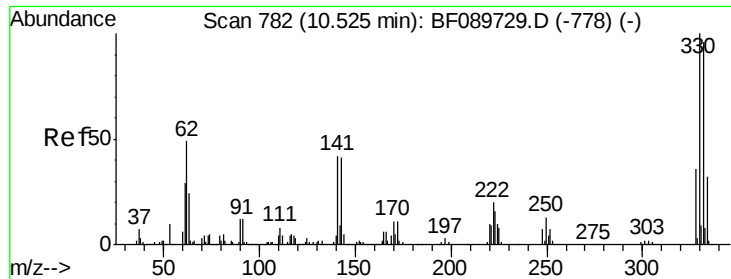
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#40
 Hexachlorocyclopentadiene
 Concen: 38.66 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
237	100			
235	62.5	43.7	83.7	
272	15.5	0.0	31.6	





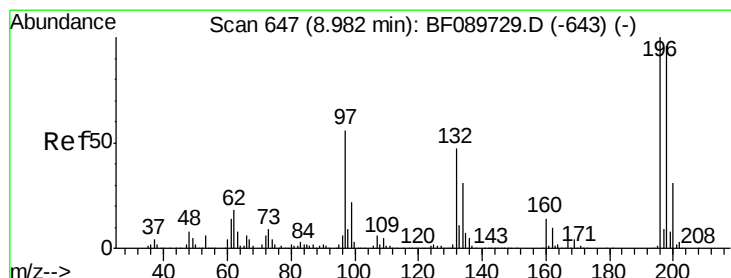
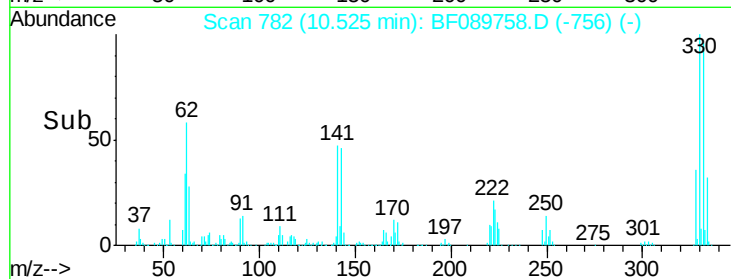
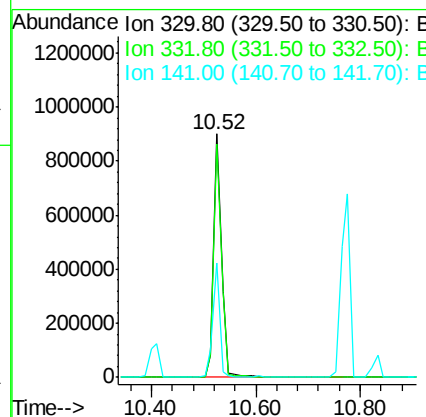
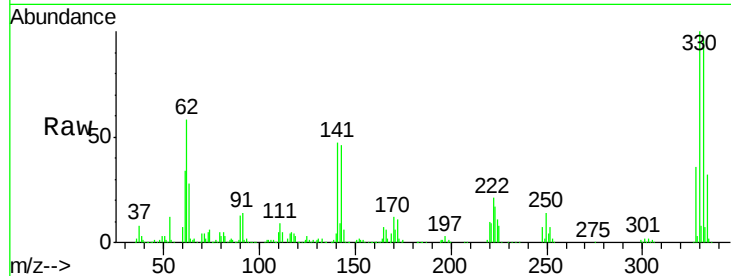
#41
 2,4,6-Tribromophenol
 Concen: 73.87 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	40.8	30.2	45.2

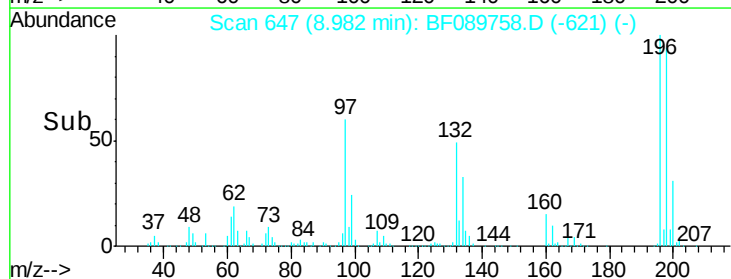
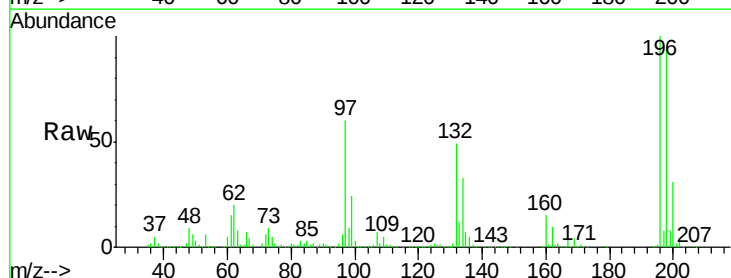
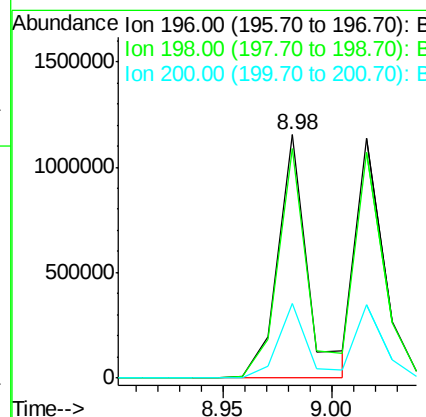
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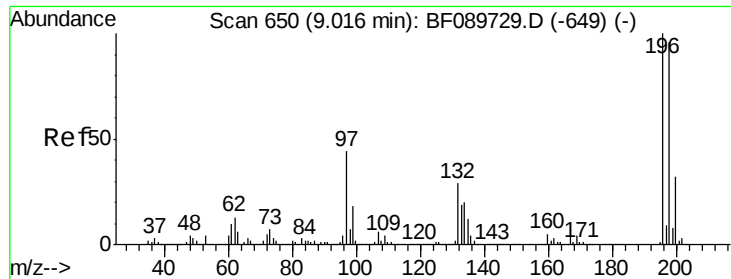
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#42
 2,4,6-Trichlorophenol
 Concen: 40.52 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.3	114.5
200	30.9	24.6	36.8





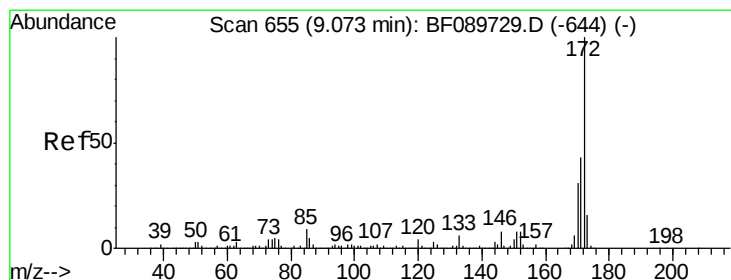
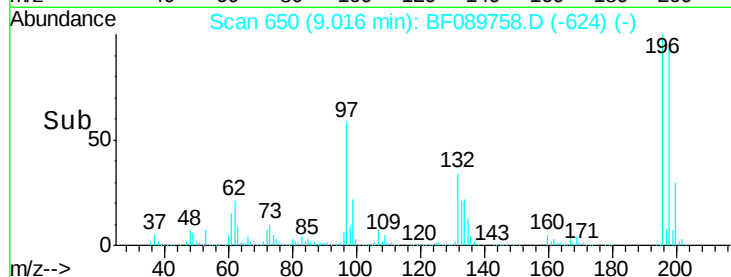
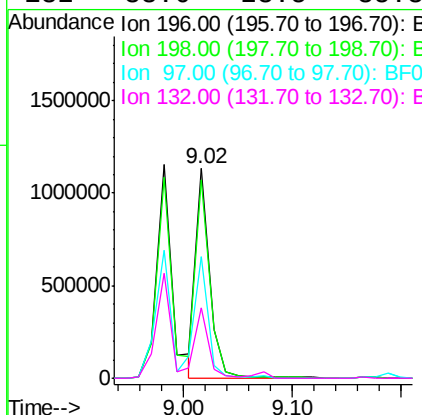
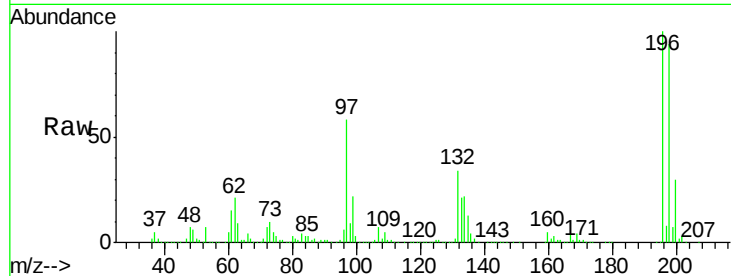
#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.6	114.8
97	57.9	35.8	53.8
132	33.6	23.5	35.3

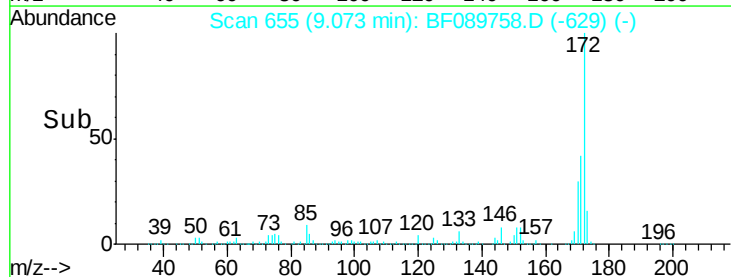
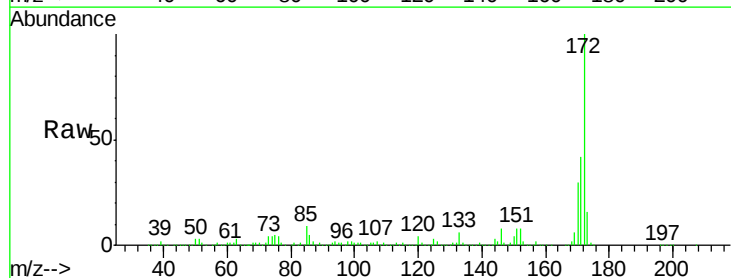
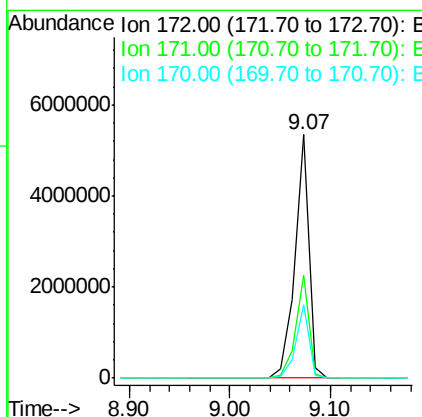
Manual Integrations
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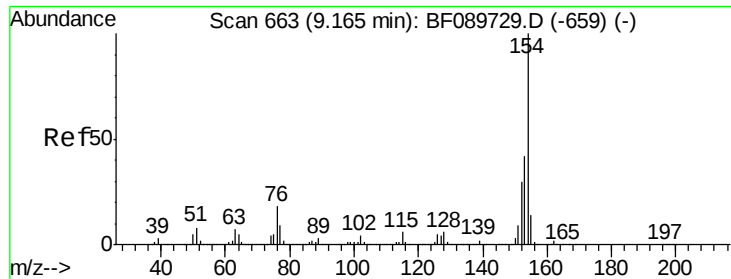
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#44
 2-Fluorobiphenyl
 Concen: 63.09 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.5	30.5	45.7
170	30.2	20.6	31.0





#45

1,1'-Biphenyl

Concen: 37.83 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 4108021

Ion Ratio Lower Upper

154 100

153 42.6 21.5 61.5

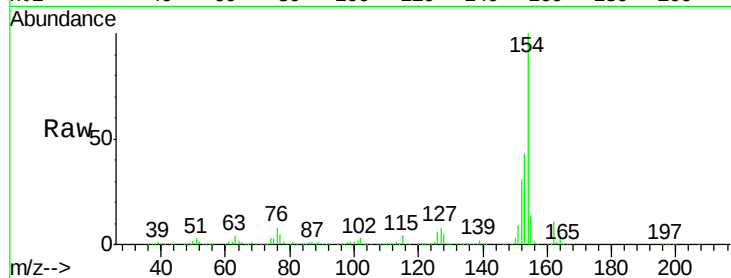
76 8.4 0.0 36.7

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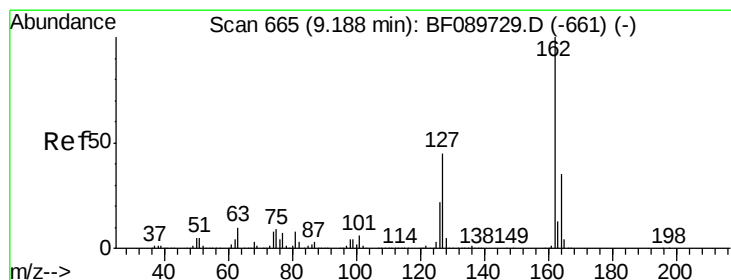
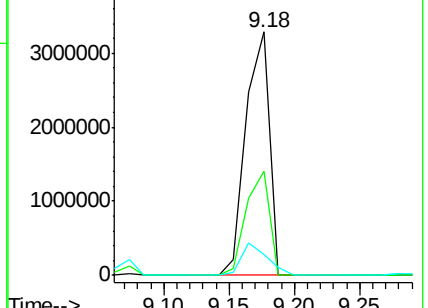
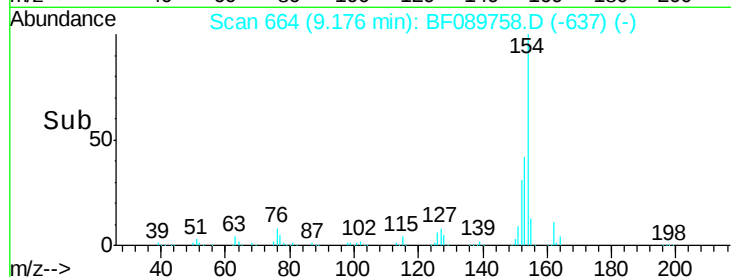
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.12 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

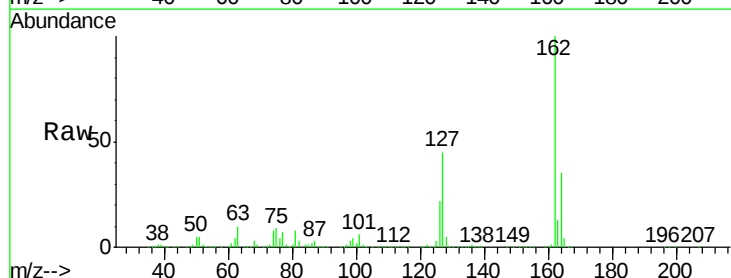
Tgt Ion:162 Resp: 2938808

Ion Ratio Lower Upper

162 100

127 45.1 35.5 53.3

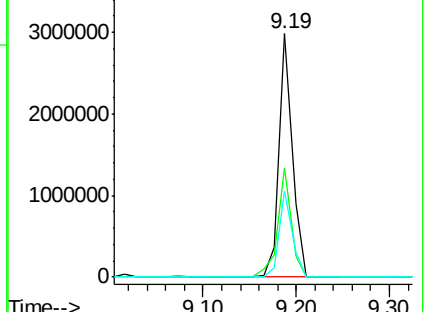
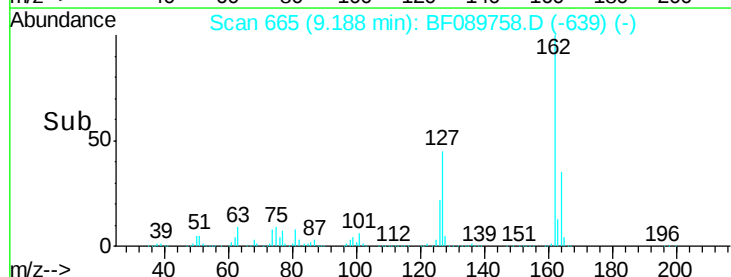
164 35.3 26.6 40.0

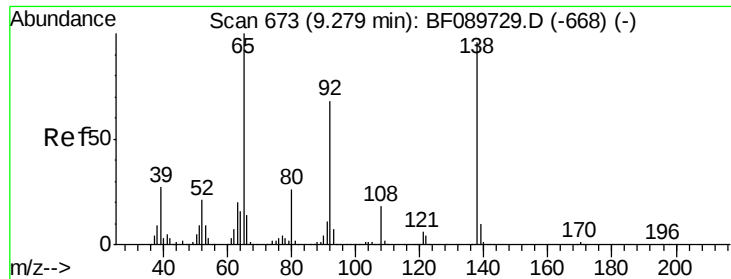


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.13 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

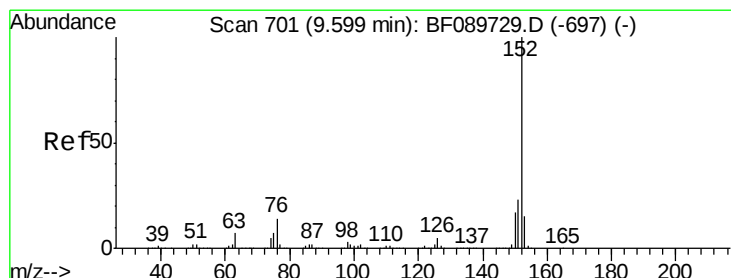
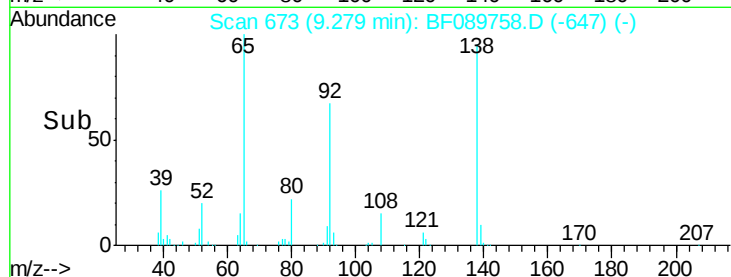
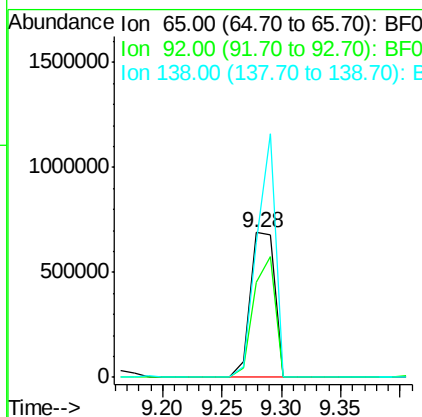
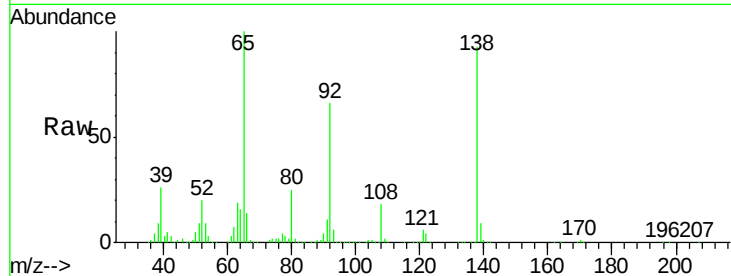
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	994905
Ion Ratio	Lower	Upper	
65	100		
92	66.1	56.3	84.5
138	93.4	81.8	122.8

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#48

Acenaphthylene

Concen: 37.35 ng

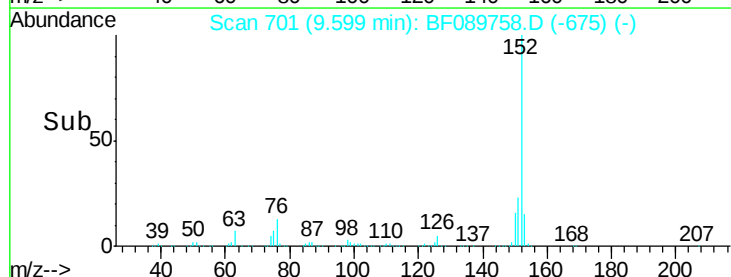
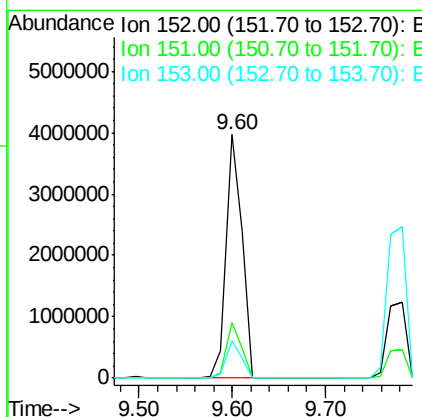
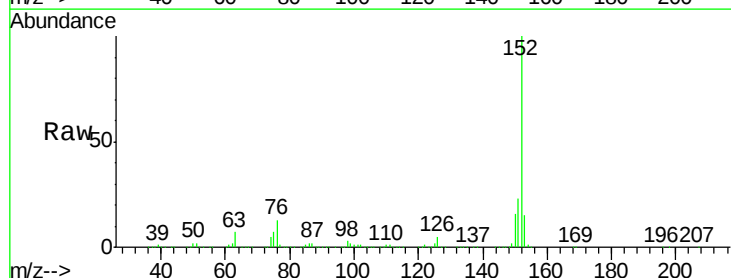
RT: 9.60 min Scan# 701

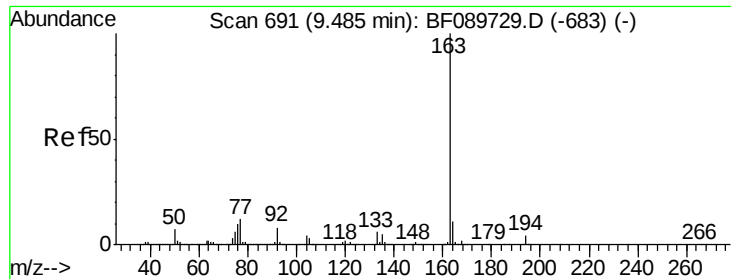
Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tgt Ion:	152	Resp:	4678859
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	15.4	11.2	16.8





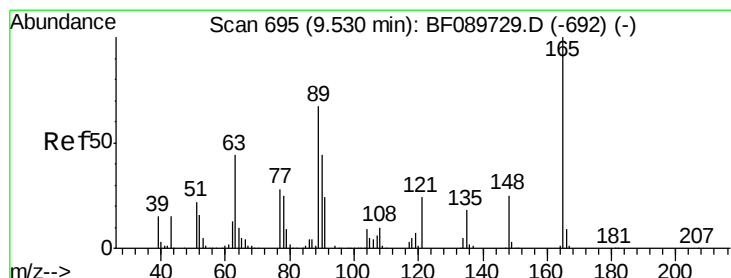
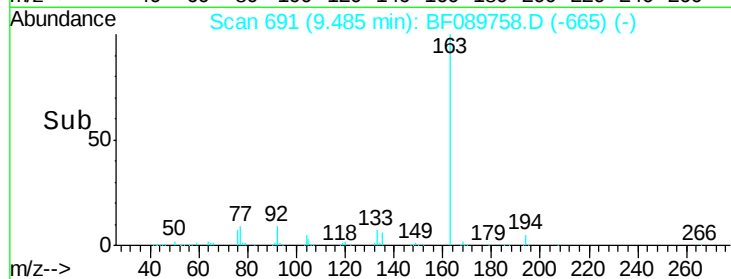
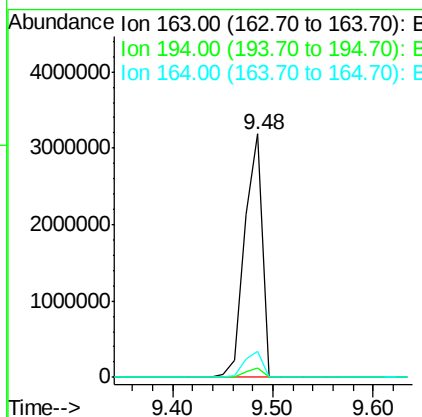
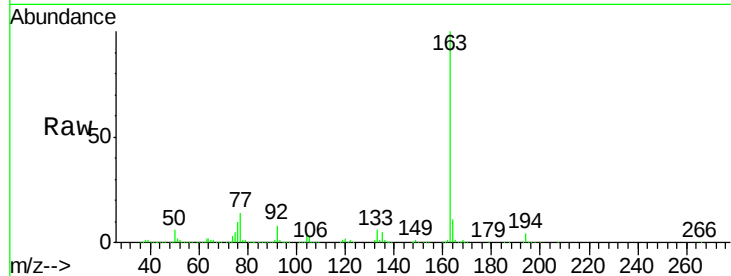
#49
Dimethylphthalate
Concen: 40.46 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 3837961
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 10.8 8.6 12.8

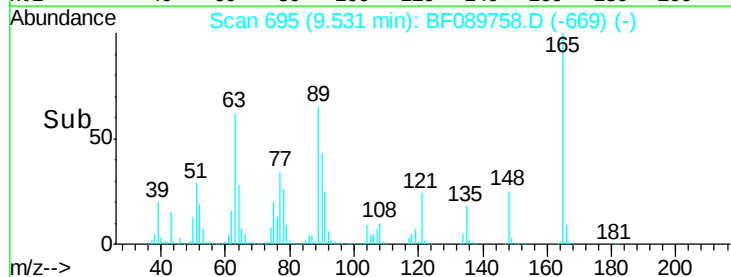
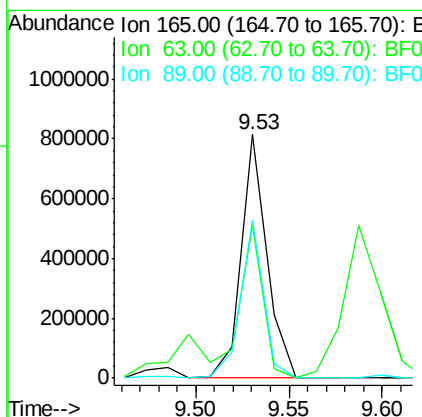
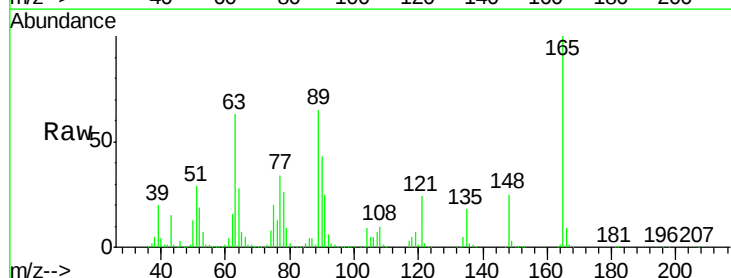
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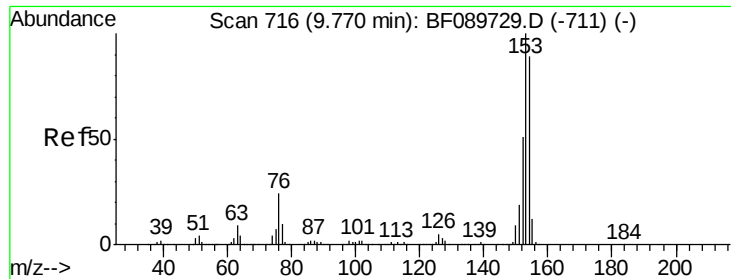
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#50
2,6-Dinitrotoluene
Concen: 36.15 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion:165 Resp: 776128
Ion Ratio Lower Upper
165 100
63 62.5 41.7 62.5#
89 64.9 44.6 67.0





#51

Acenaphthene

Concen: 39.11 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 3305655

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

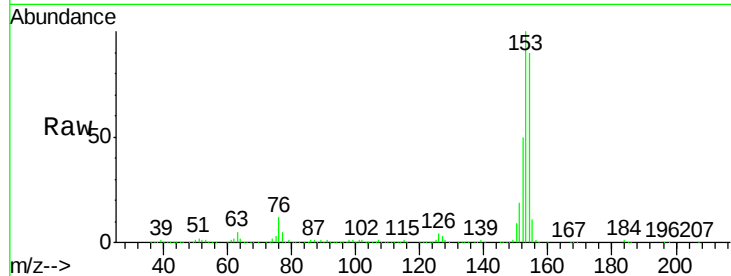
152 55.9 44.6 67.0

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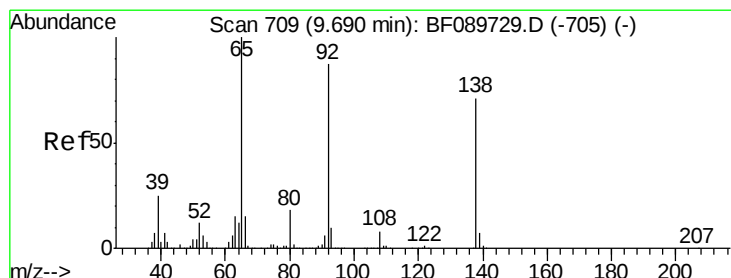
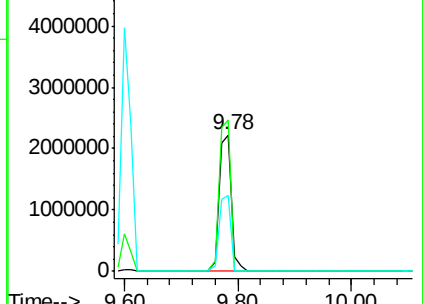
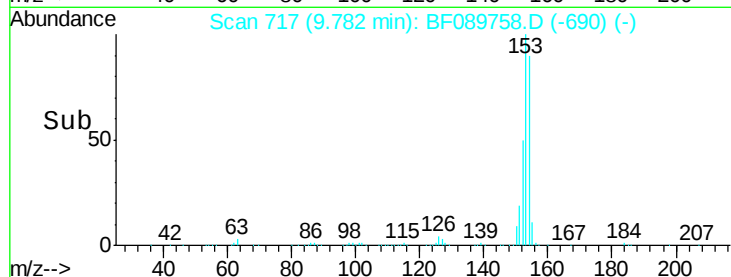


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#52

3-Nitroaniline

Concen: 43.96 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

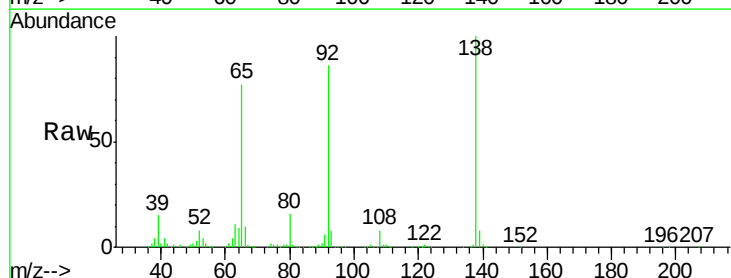
Tgt Ion:138 Resp: 1097409

Ion Ratio Lower Upper

138 100

108 8.3 8.1 12.1

92 85.7 92.7 139.1#

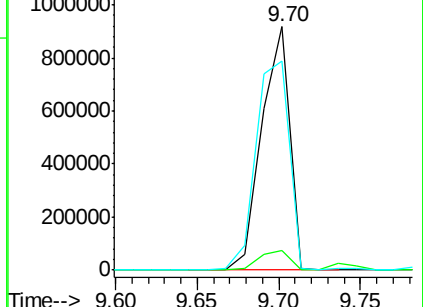
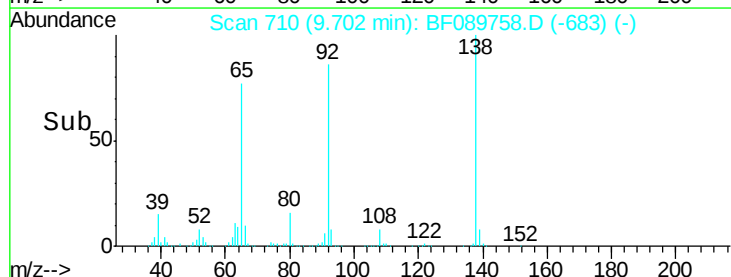


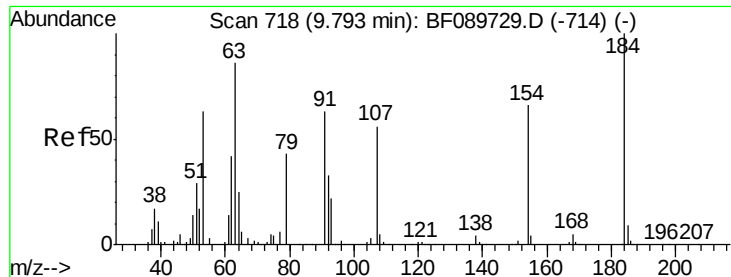
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->





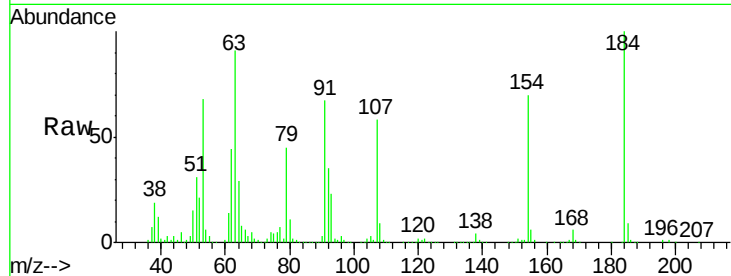
#53
2,4-Dinitrophenol
Concen: 38.74 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

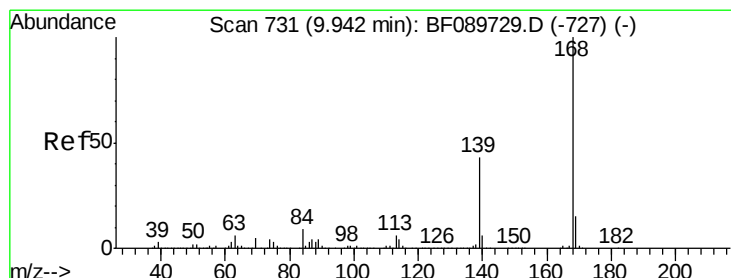
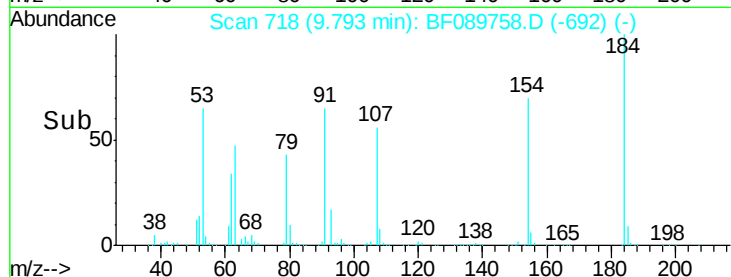
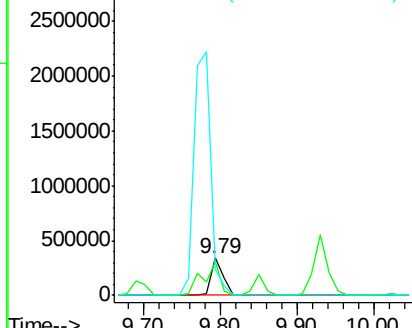
Tot Ion	Ratio	Resp	Lower	Upper
184	100	362501		
63	90.5	54.2	81.4#	
154	69.9	52.7	79.1	

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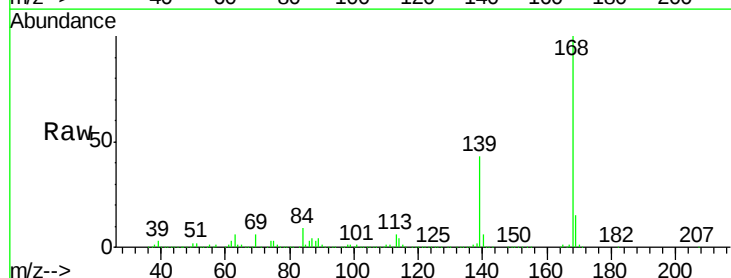


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

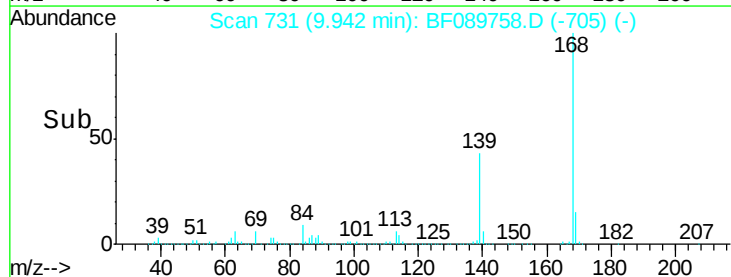
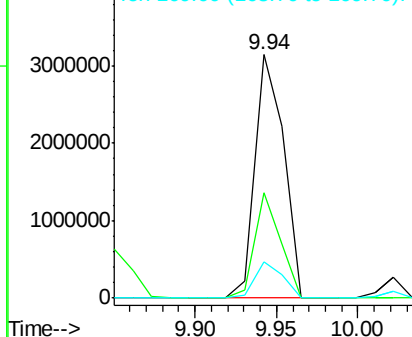


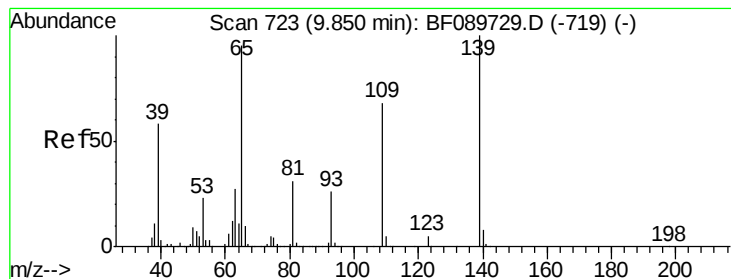
#54
Dibenzofuran
Concen: 36.95 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3843615		
139	43.3	34.6	52.0	
169	14.9	11.5	17.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 39.65 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:139 Resp: 761582

Ion Ratio Lower Upper

139 100

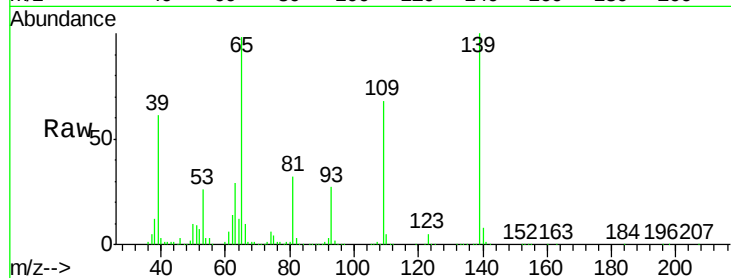
109 68.3 43.0 83.0

65 98.3 55.7 95.7#

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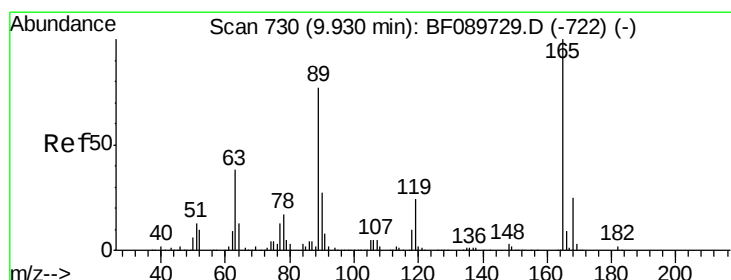
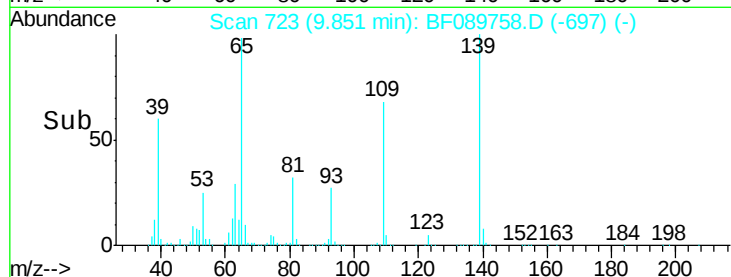
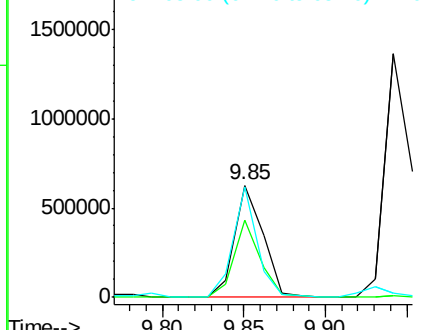
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.06 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tgt Ion:165 Resp: 1105751

Ion Ratio Lower Upper

165 100

63 44.3 23.7 35.5#

89 76.7 44.0 66.0#

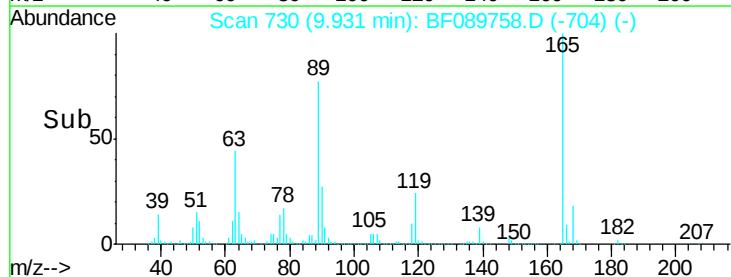
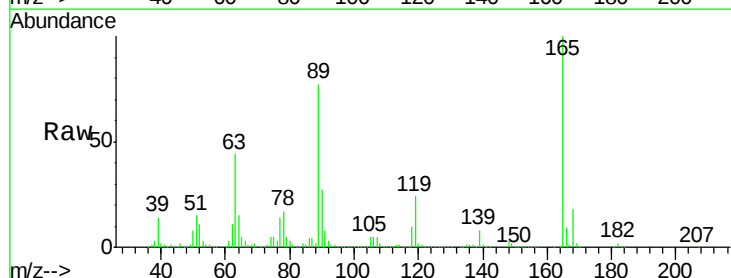
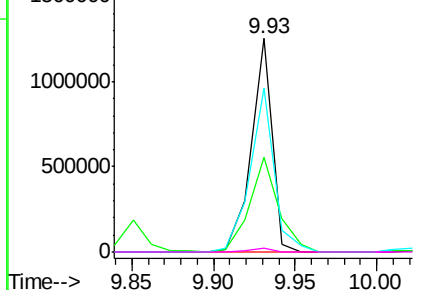
182 2.1 2.0 3.0

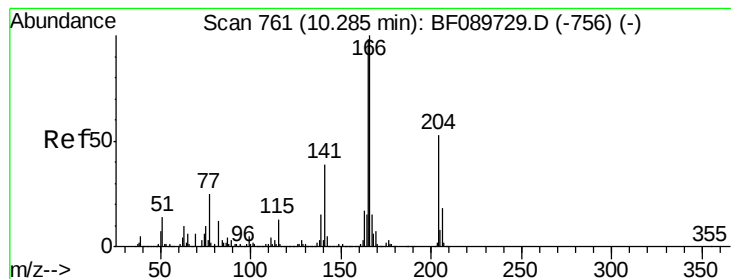
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.03 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 2859454

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

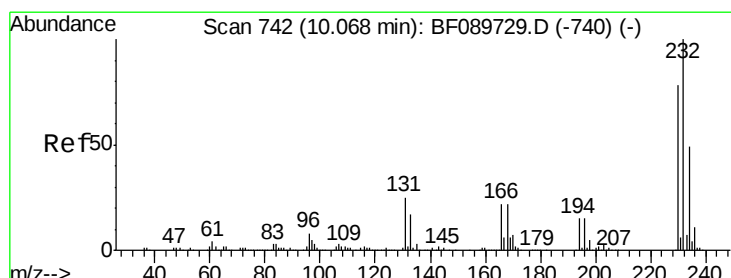
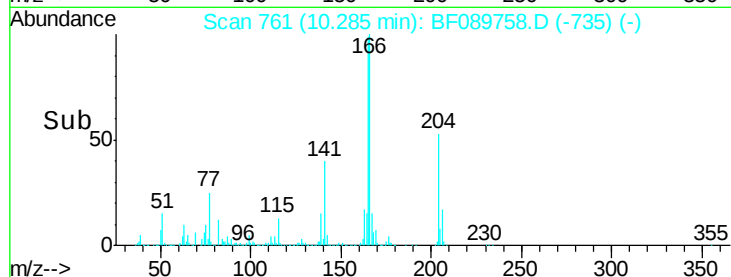
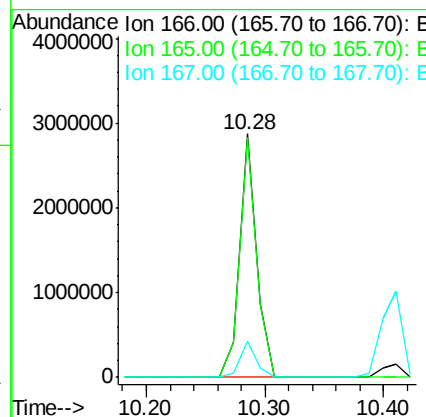
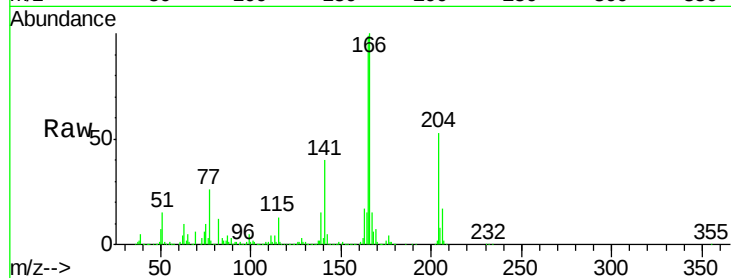
167 14.8 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.03 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tgt Ion:232 Resp: 852135

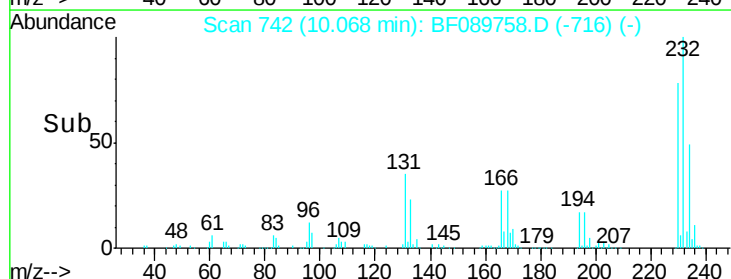
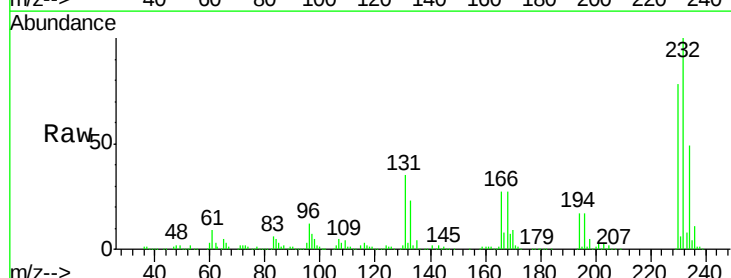
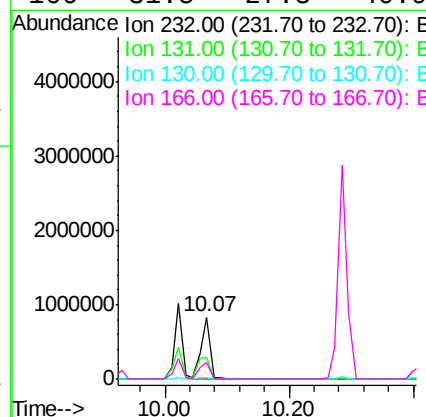
Ion Ratio Lower Upper

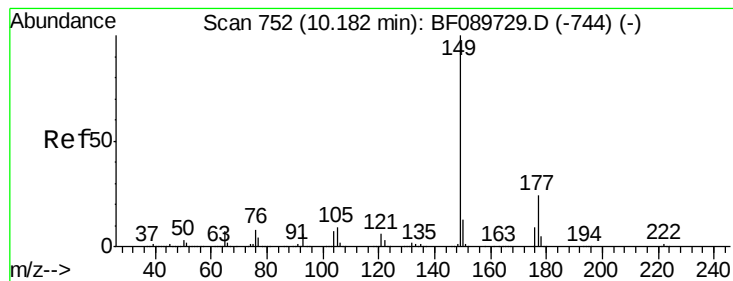
232 100

131 47.3 42.5 63.7

130 2.3 2.2 3.4

166 31.5 27.3 40.9





#59

Diethylphthalate

Concen: 40.56 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 3901693

Ion Ratio Lower Upper

149 100

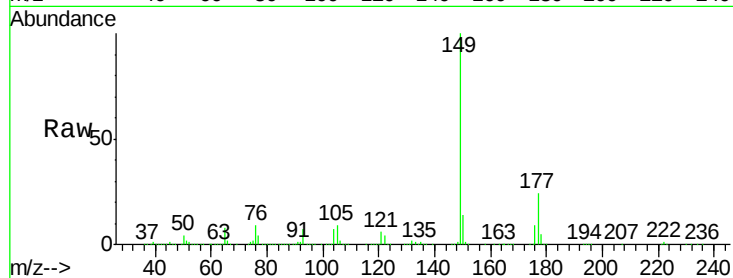
177 23.8 16.6 25.0

150 13.7 10.5 15.7

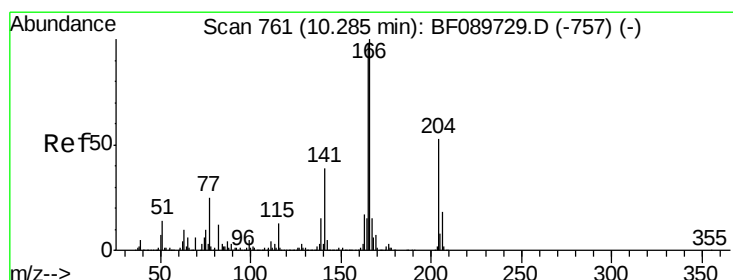
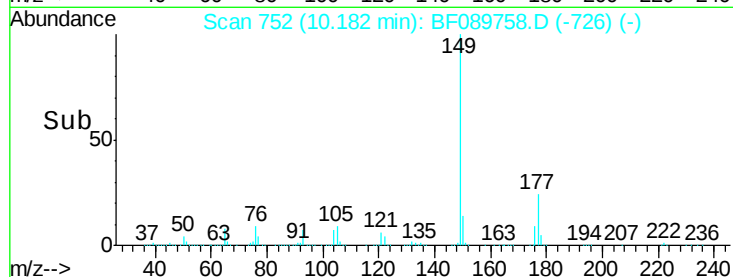
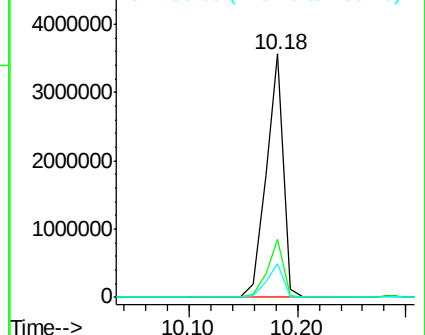
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.07 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

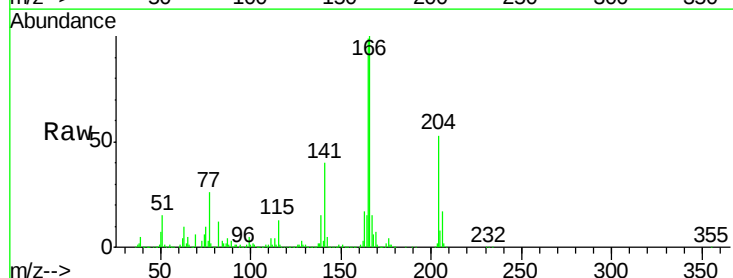
Tgt Ion:204 Resp: 1323116

Ion Ratio Lower Upper

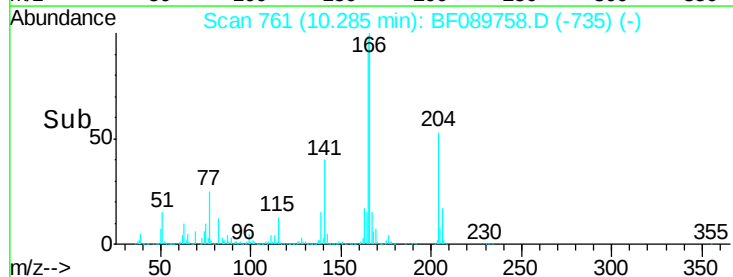
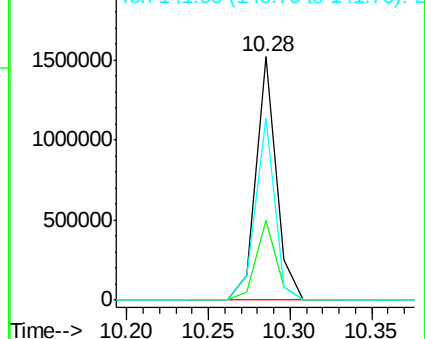
204 100

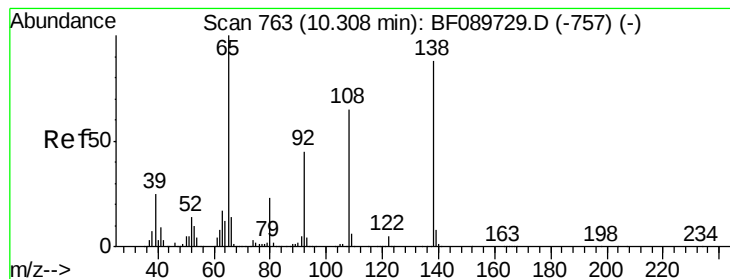
206 33.0 26.5 39.7

141 74.9 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





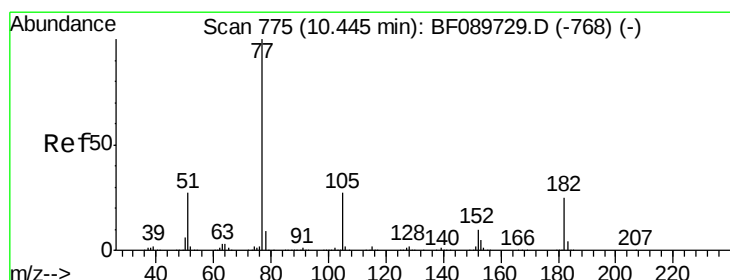
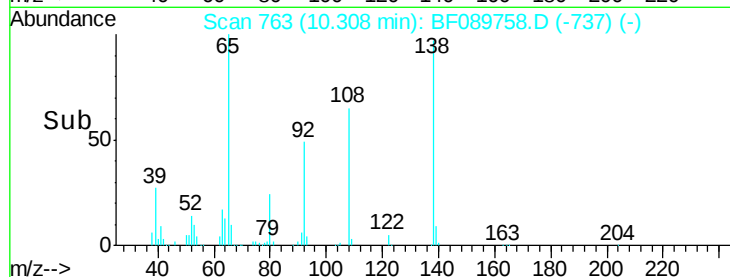
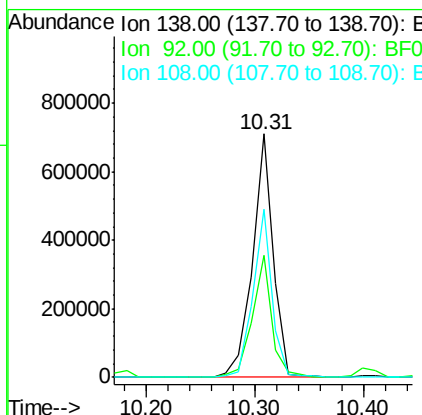
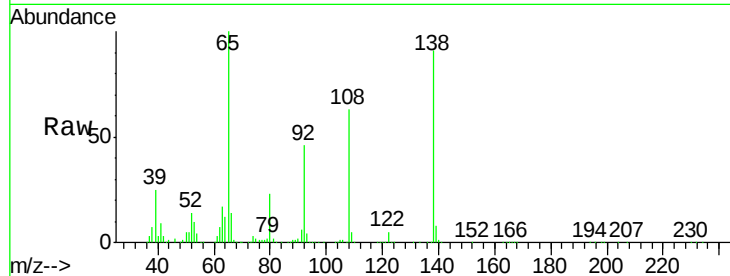
#61
4-Nitroaniline
Concen: 38.96 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.4	66.4
108	68.9	47.0	87.0

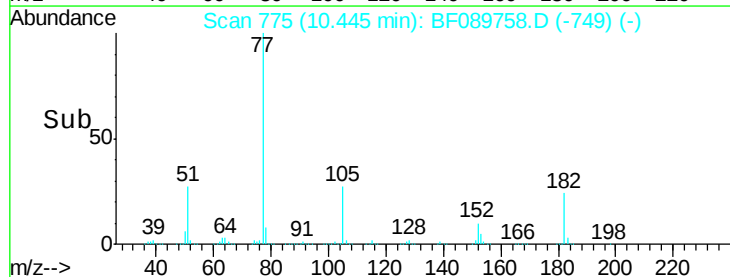
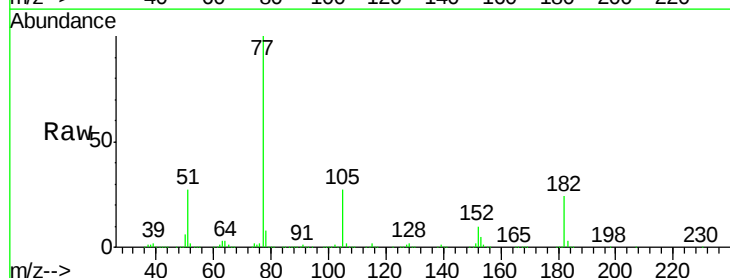
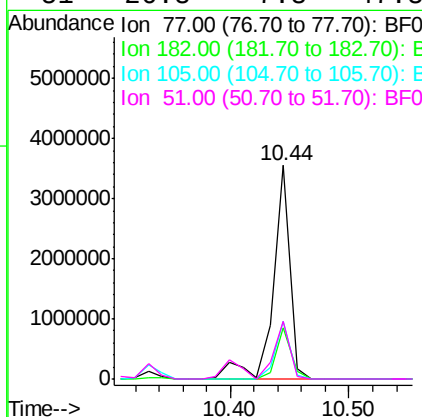
Manual Integrations
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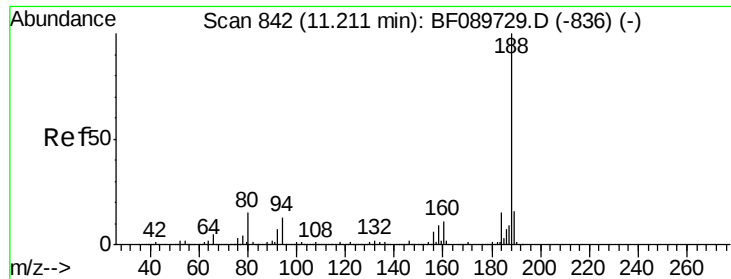
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#62
Azobenzene
Concen: 38.83 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	5.6	45.6
105	26.8	4.0	44.0
51	26.8	7.8	47.8





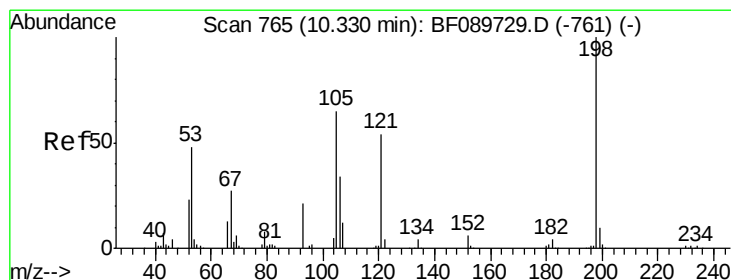
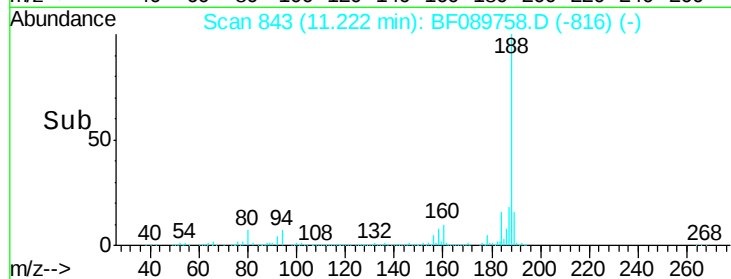
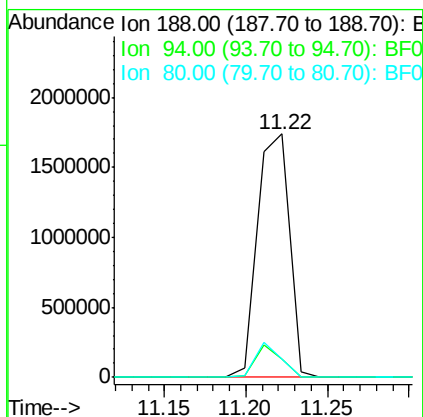
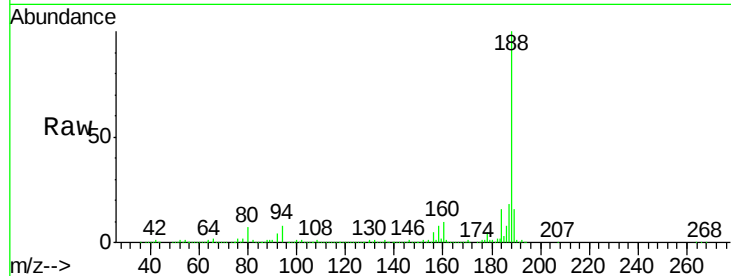
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	10.2	15.2#
80	7.4	10.9	16.3#

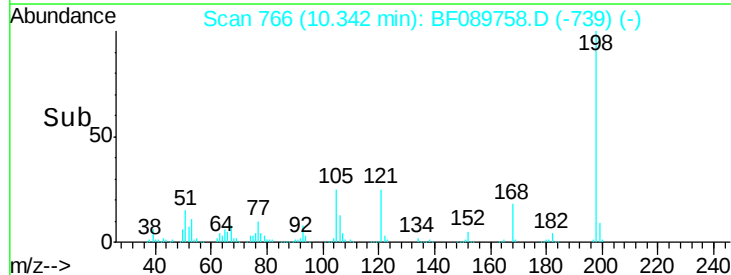
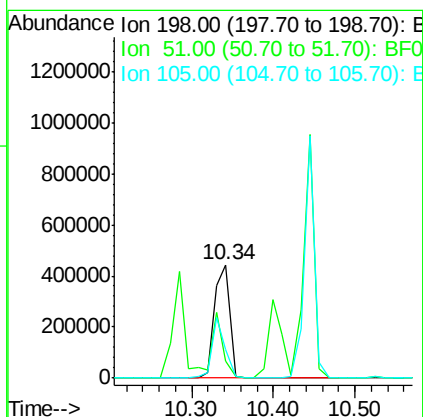
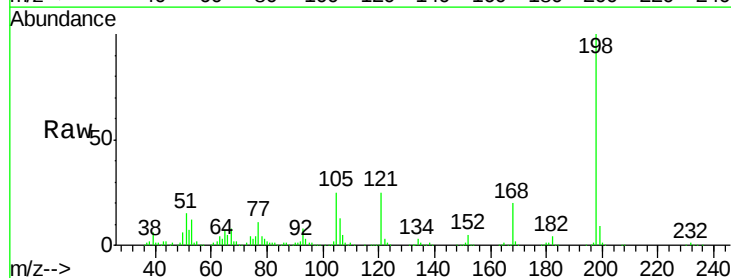
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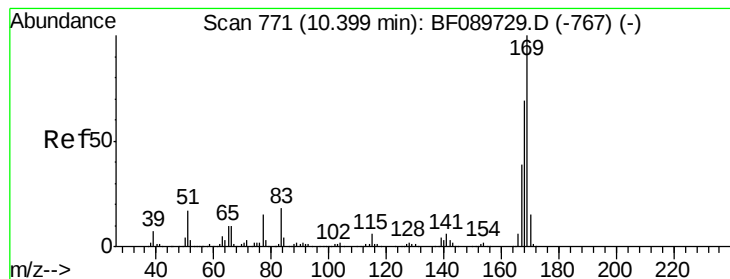
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.03 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
198	100		
51	14.9	32.3	72.3#
105	25.1	32.9	72.9#





#65

n-Nitrosodiphenylamine

Concen: 41.90 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 3124707

Ion Ratio Lower Upper

169 100

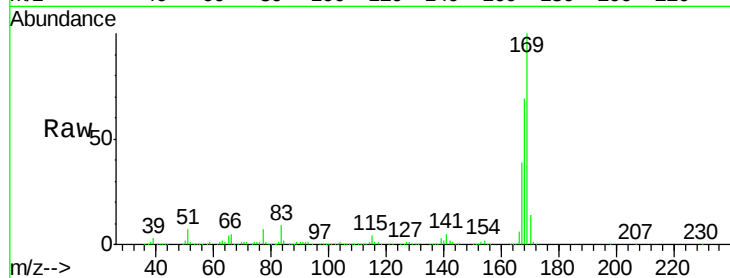
168 68.8 54.6 82.0

167 39.2 30.6 45.8

Manual Integrations
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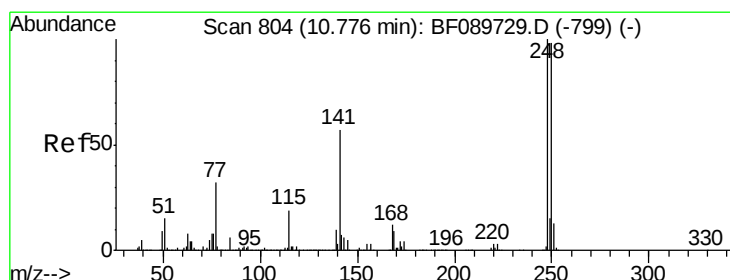
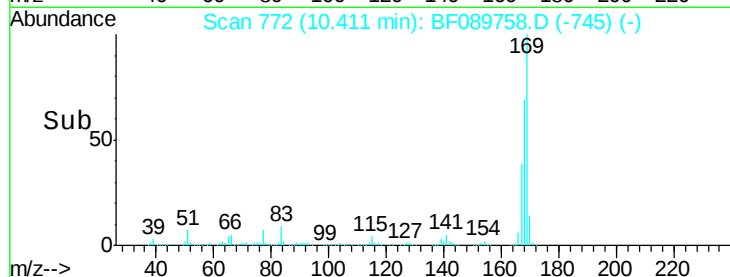
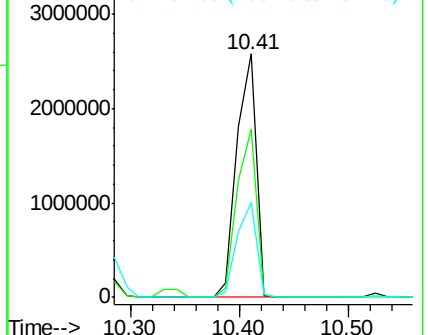
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.25 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

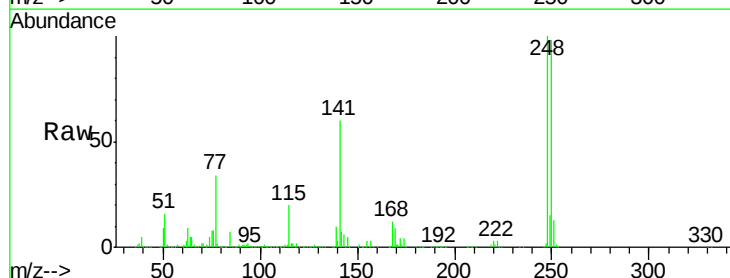
Tgt Ion:248 Resp: 1039923

Ion Ratio Lower Upper

248 100

250 97.5 78.6 117.8

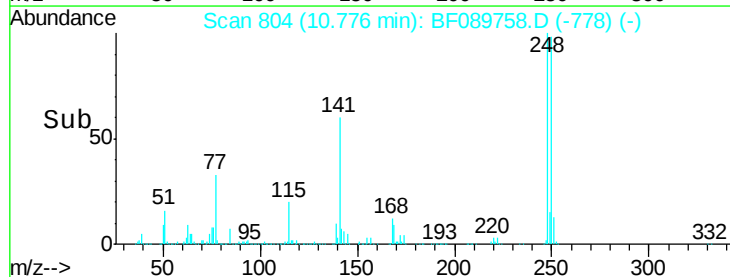
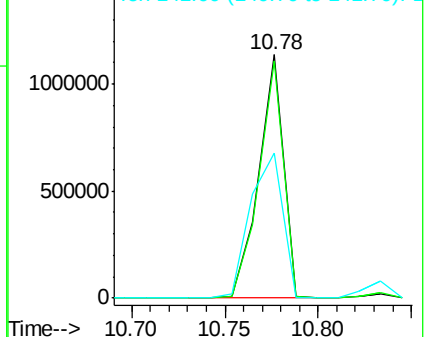
141 59.7 31.4 47.2#

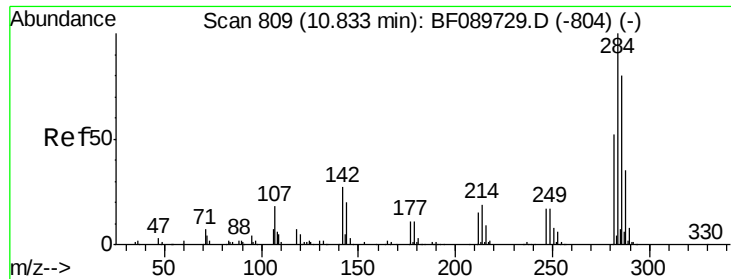


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





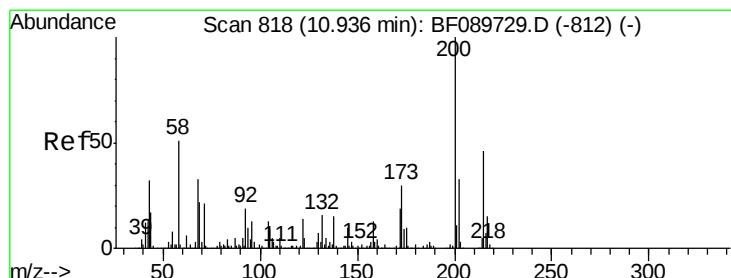
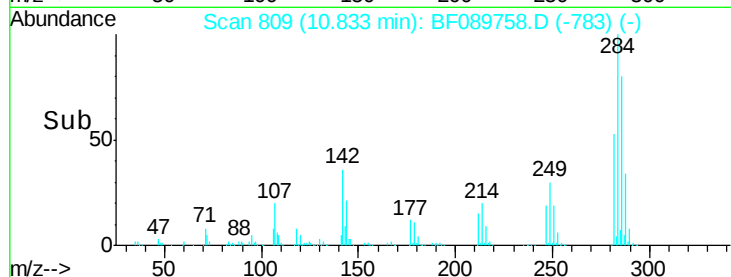
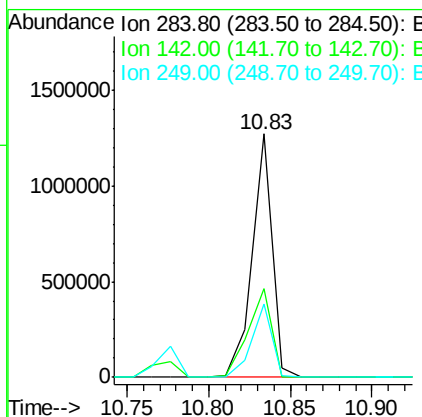
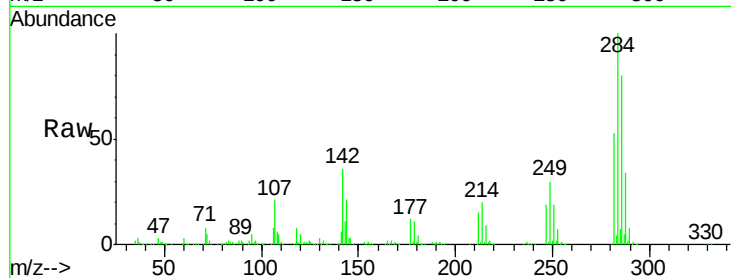
#67
Hexachlorobenzene
Concen: 39.67 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.5	17.4	26.2
249	30.1	22.8	34.2

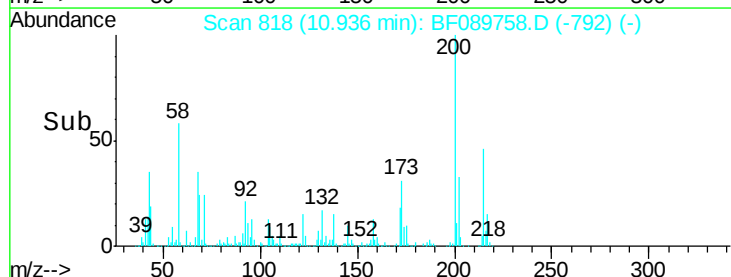
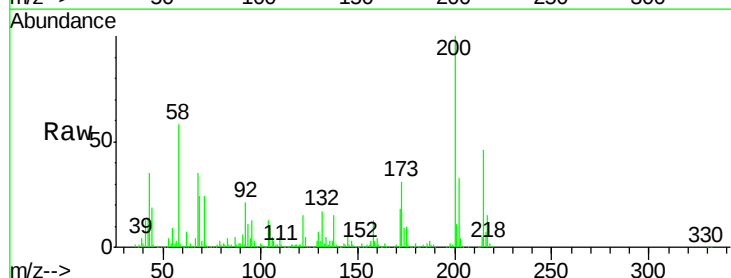
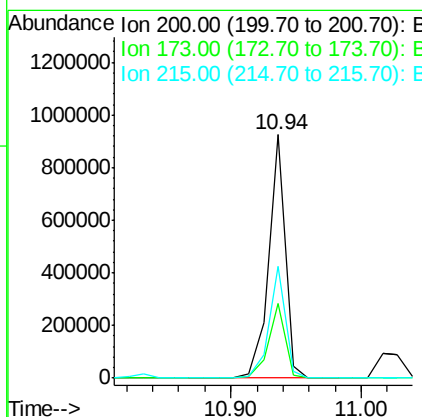
Manual Integrations
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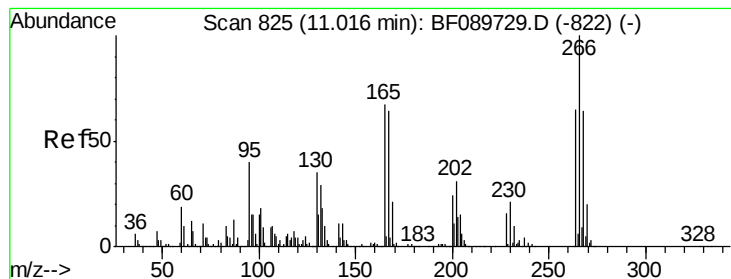
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#68
Atrazine
Concen: 36.43 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	6.6	46.6
215	45.9	24.7	64.7





#69

Pentachlorophenol

Concen: 42.54 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

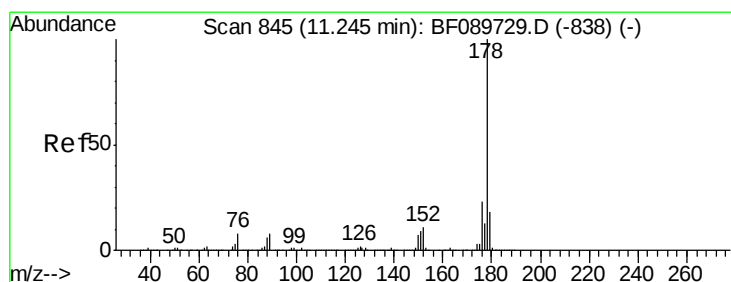
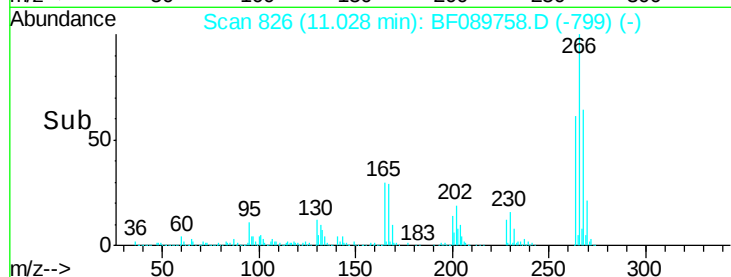
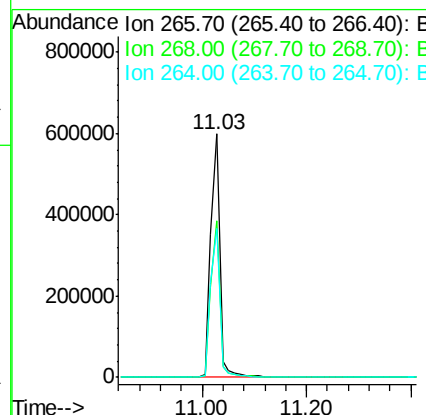
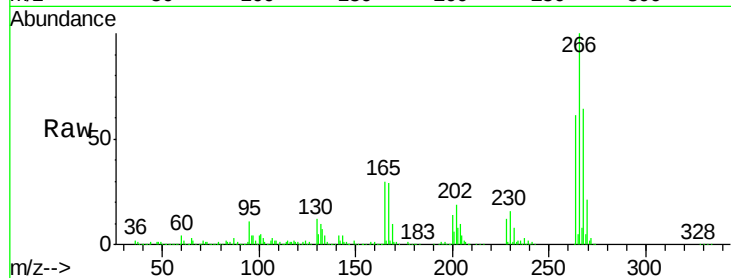
ClientSampleId :

SSTDCCC040EC

Tot Ion:	266	Resp:	725047
Ion Ratio		Lower	Upper
266	100		
268	64.4	53.2	79.8
264	61.3	51.1	76.7

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#70

Phenanthrene

Concen: 40.94 ng

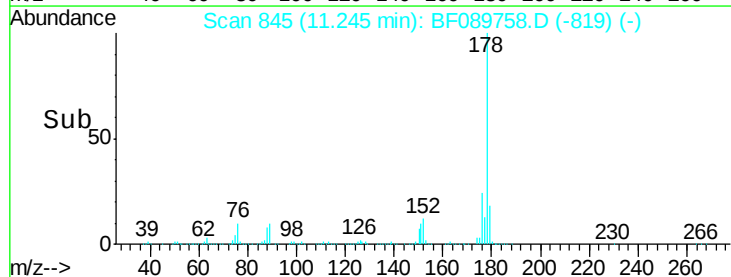
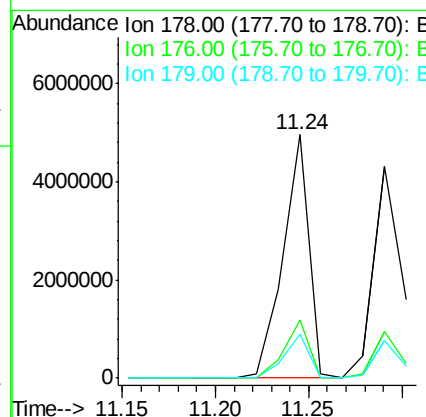
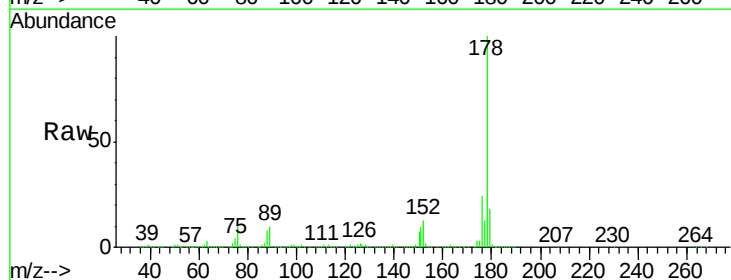
RT: 11.24 min Scan# 845

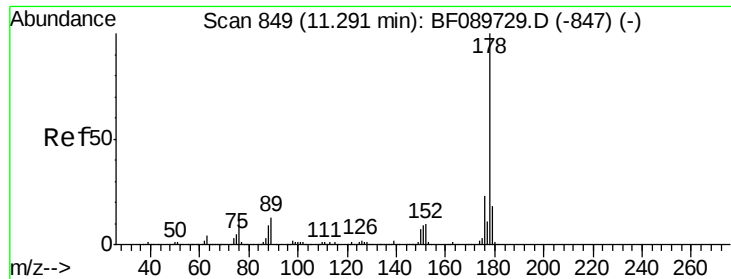
Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tgt Ion:	178	Resp:	4782244
Ion Ratio		Lower	Upper
178	100		
176	23.8	16.4	24.6
179	18.3	12.5	18.7





#71
 Anthracene
 Concen: 35.90 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

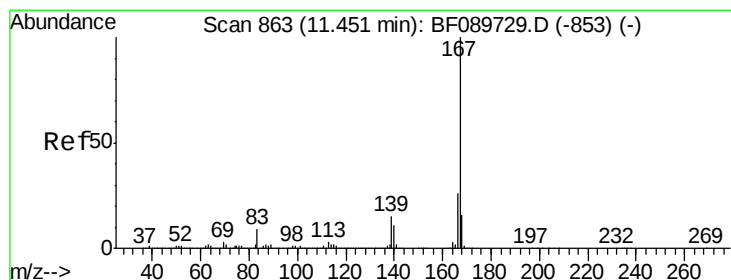
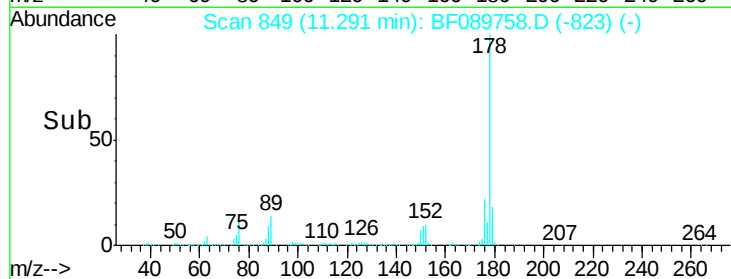
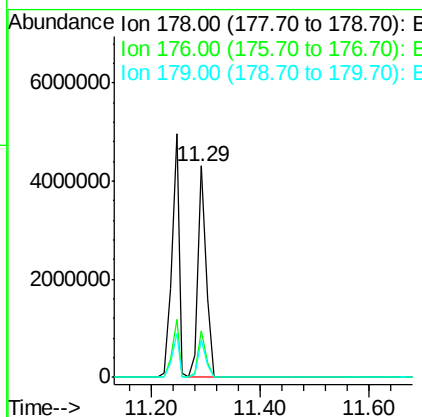
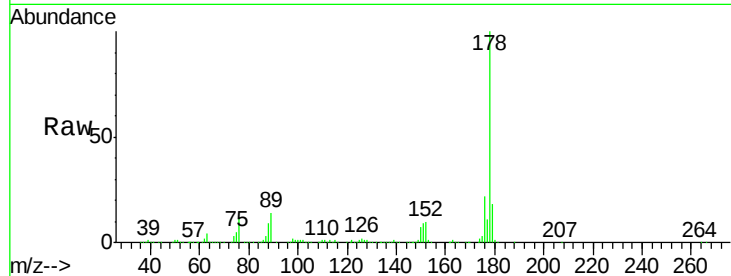
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 4382343

Ion	Ratio	Lower	Upper
178	100		
176	22.1	16.4	24.6
179	18.1	13.1	19.7

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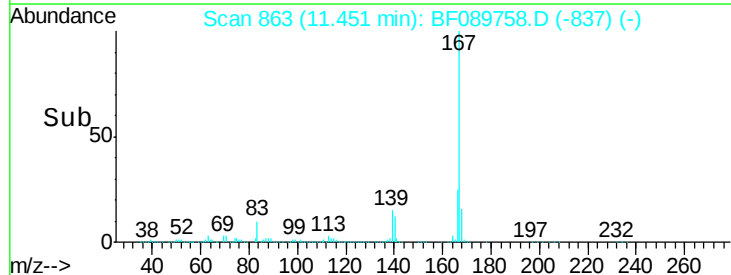
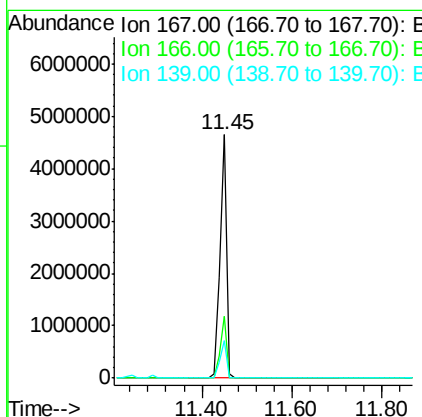
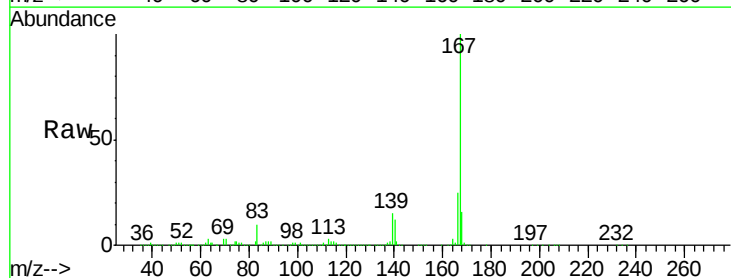
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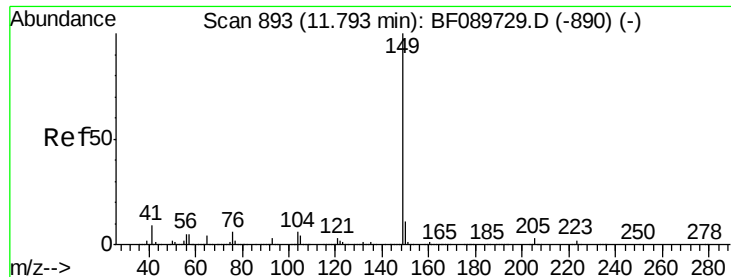


#72
 Carbazole
 Concen: 40.21 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion:167 Resp: 4650654

Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.9	26.9
139	15.3	12.4	18.6





#73

Di-n-butylphthalate

Concen: 38.36 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 5395011

Ion Ratio Lower Upper

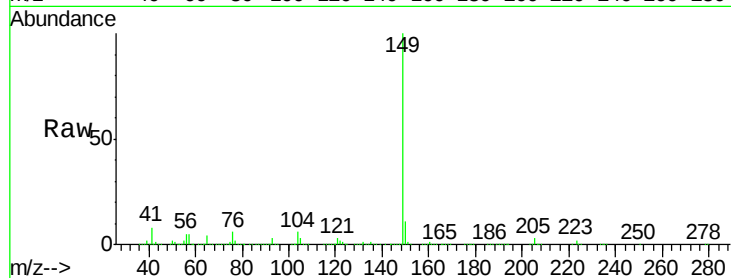
149 100

150 11.4 7.9 11.9

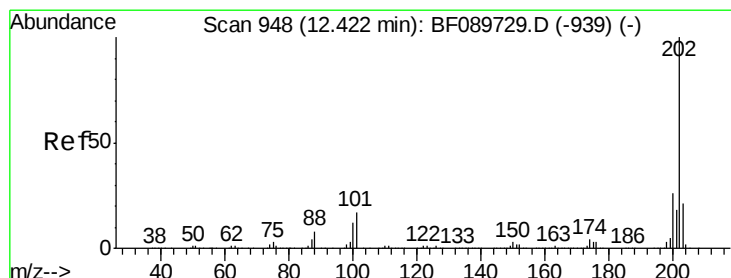
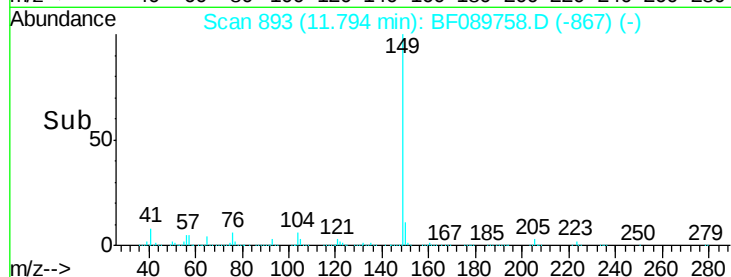
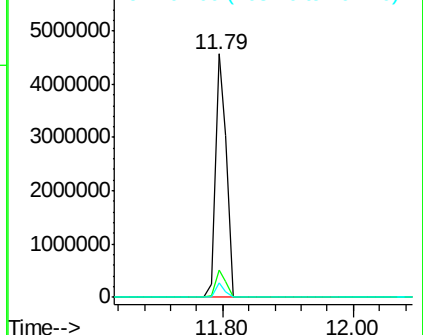
104 5.9 4.3 6.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.06 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

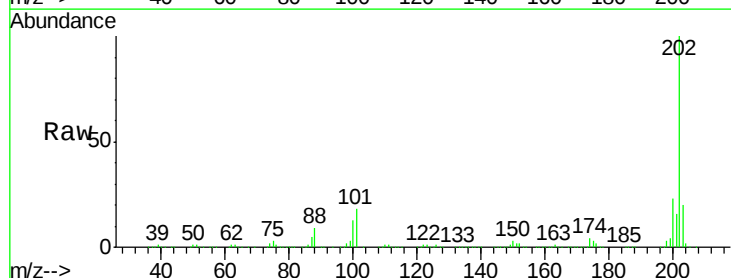
Tgt Ion:202 Resp: 4819213

Ion Ratio Lower Upper

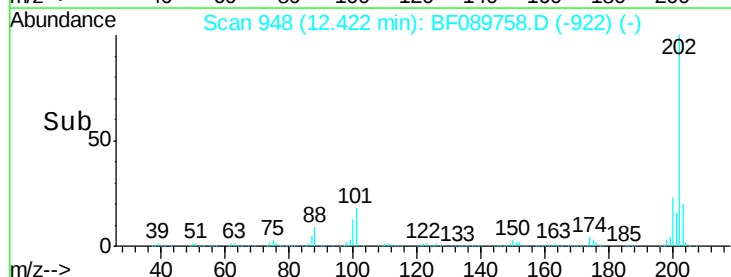
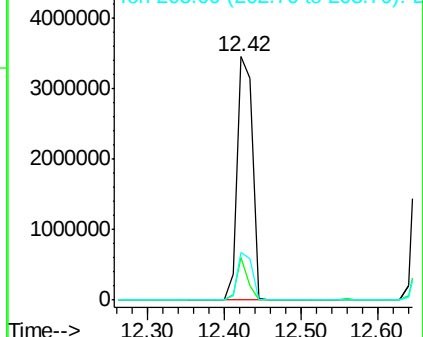
202 100

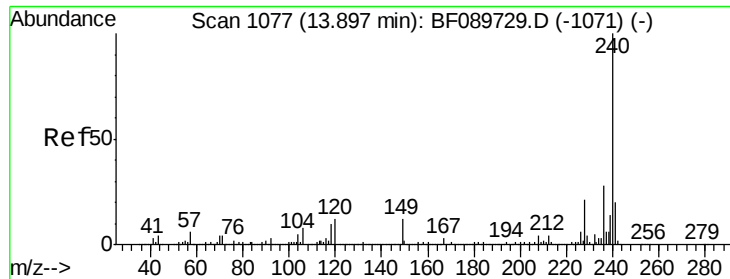
101 17.8 0.0 31.2

203 19.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.05 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 1885901

Ion Ratio Lower Upper

240 100

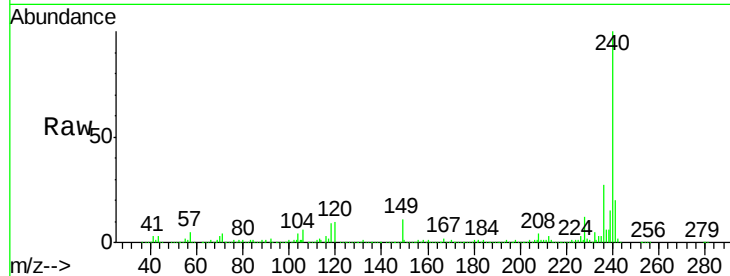
120 9.9 8.3 12.5

236 26.8 21.3 31.9

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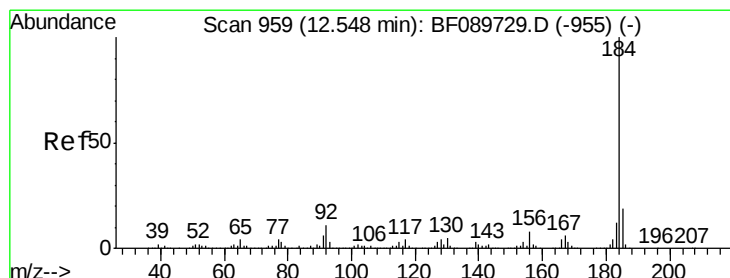
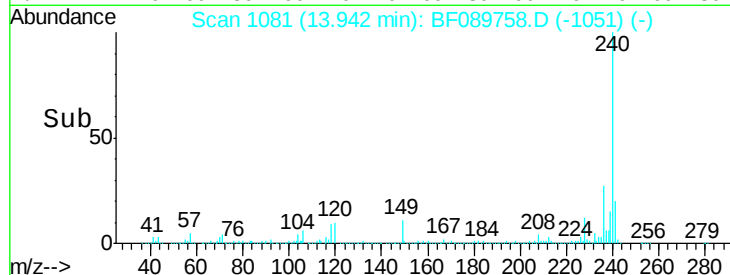
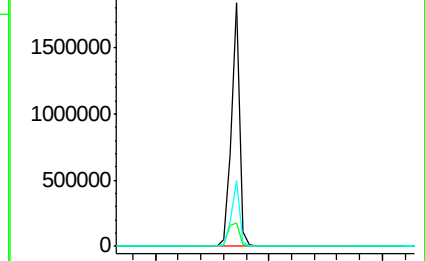
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.02 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

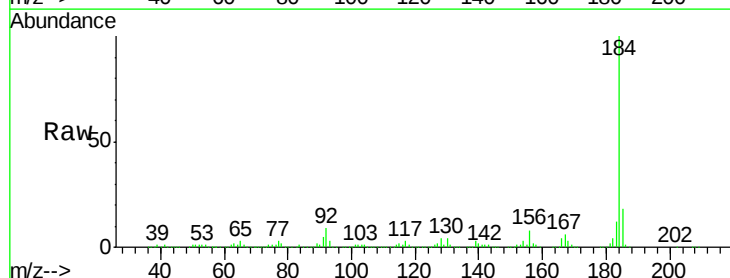
Tgt Ion:184 Resp: 2641333

Ion Ratio Lower Upper

184 100

185 17.6 13.8 20.8

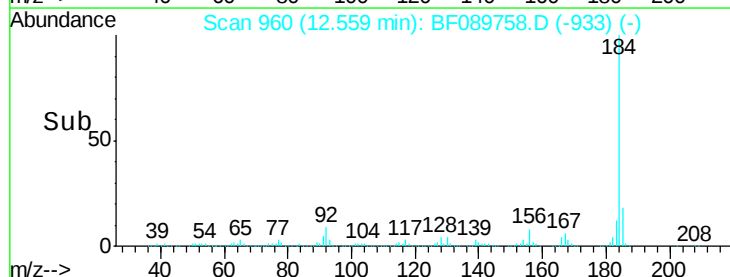
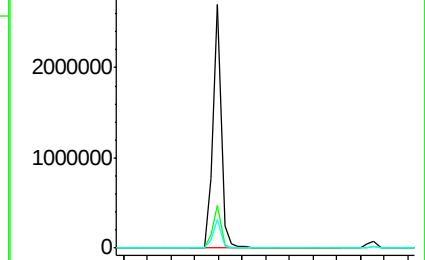
183 12.0 9.7 14.5

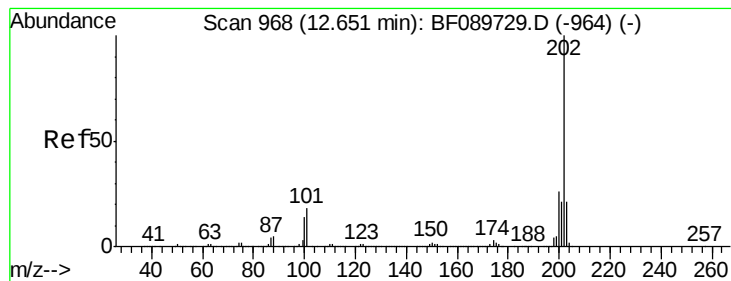


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.27 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 5093231

Ion Ratio Lower Upper

202 100

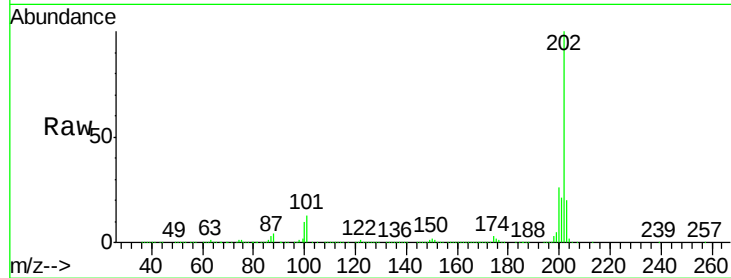
200 25.7 17.8 26.6

203 20.2 14.2 21.4

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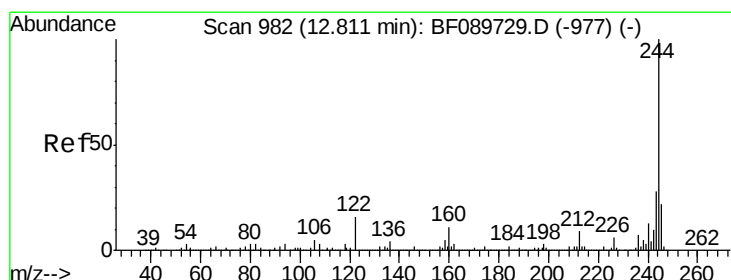
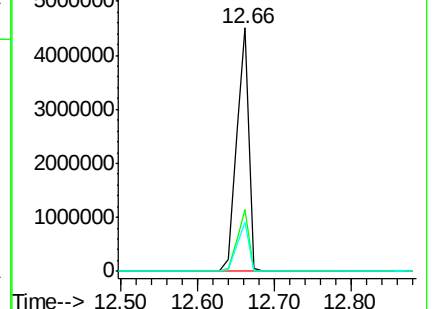
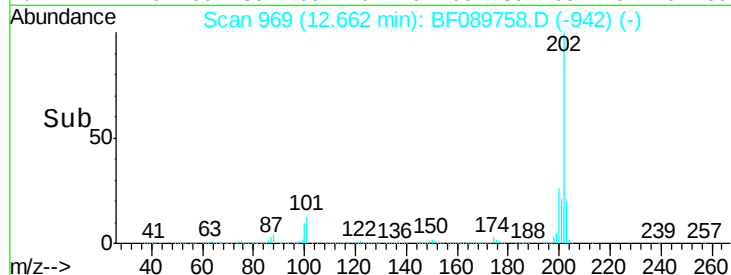
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.15 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

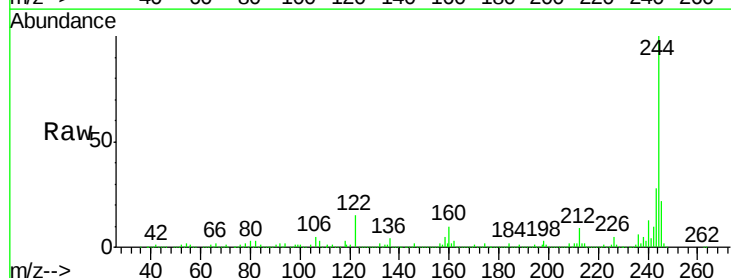
Tgt Ion:244 Resp: 4743752

Ion Ratio Lower Upper

244 100

212 9.1 6.3 9.5

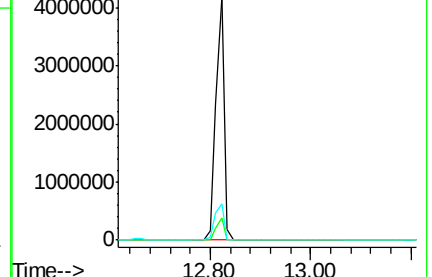
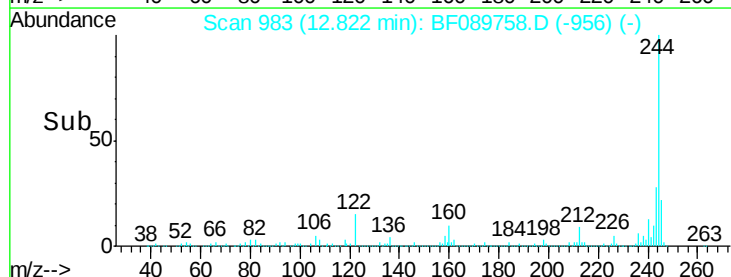
122 15.0 12.0 18.0

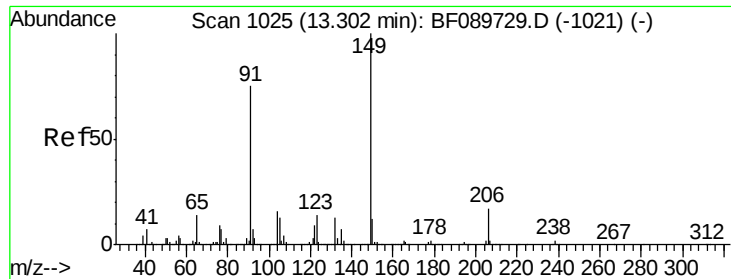


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.84 ng

RT: 13.33 min Scan# 1027

Delta R.T. 0.02 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2466879

Ion Ratio Lower Upper

149 100

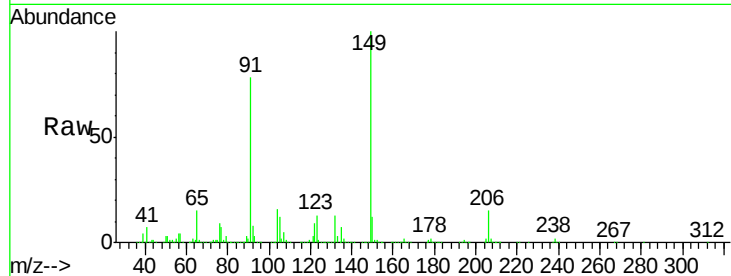
91 78.1 50.7 76.1#

206 15.4 15.5 23.3#

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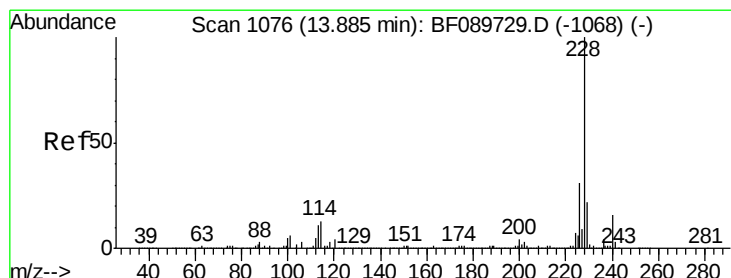
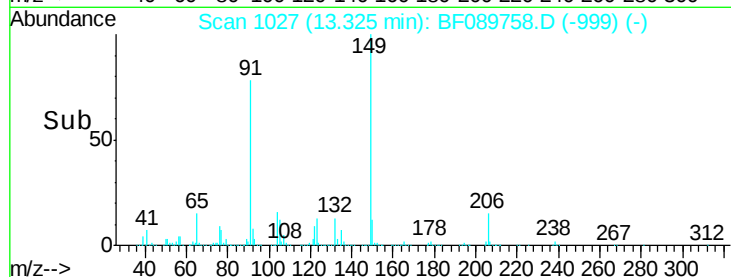
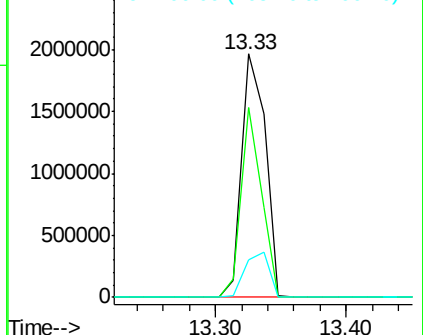
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.69 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.05 min

Lab File: BF089758.D

Acq: 17 Aug 2016 12:11

Tgt Ion:228 Resp: 4129075

Ion Ratio Lower Upper

228 100

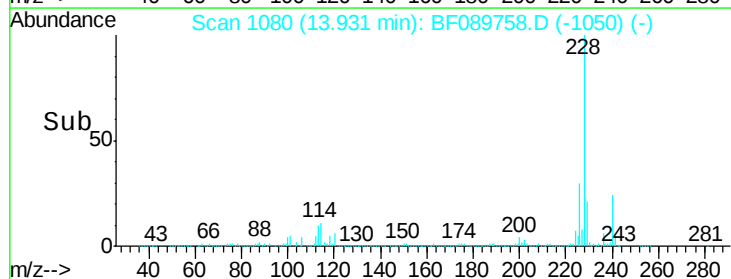
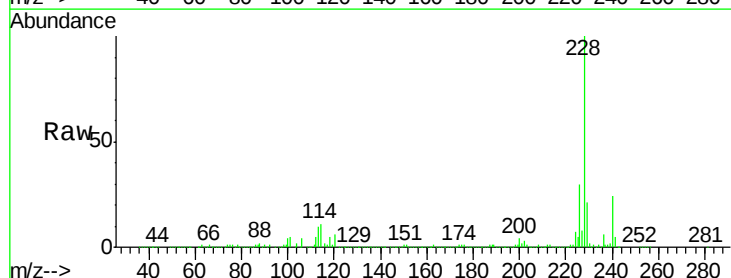
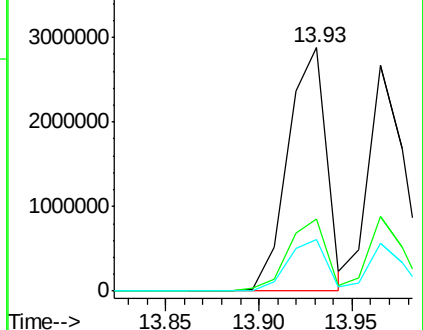
226 29.7 23.2 34.8

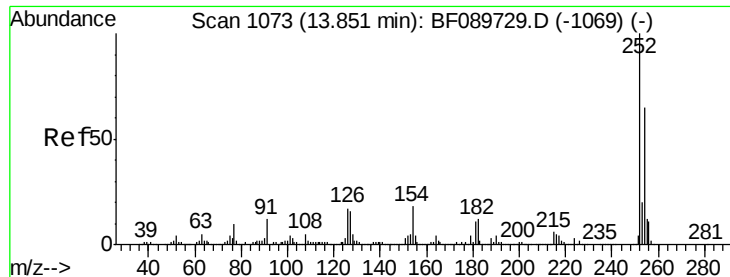
229 21.1 16.2 24.4

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





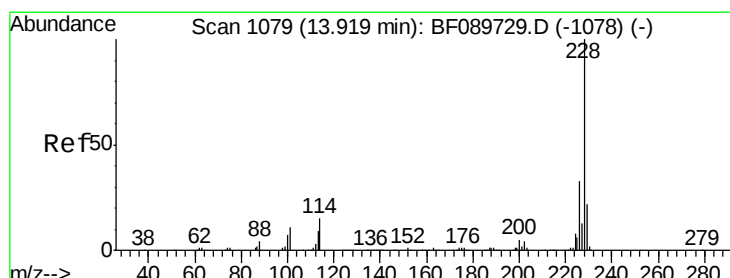
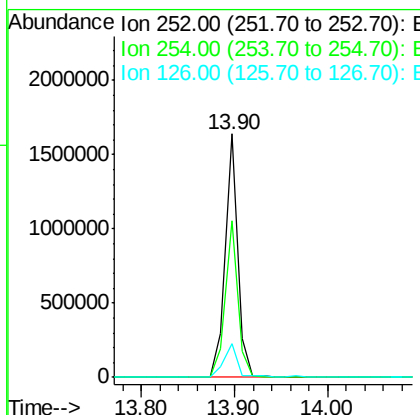
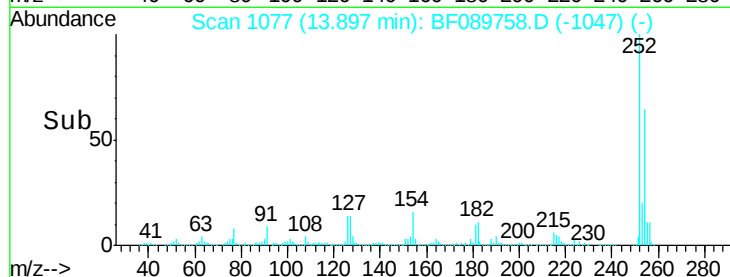
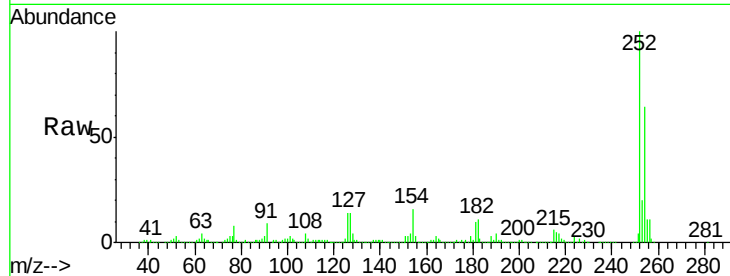
#81
 3,3'-Dichlorobenzidine
 Concen: 38.46 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.05 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.6	75.8
126	14.0	12.6	18.8

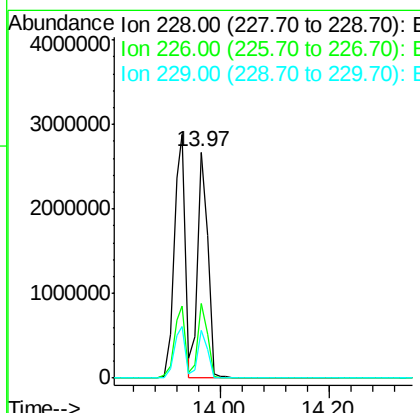
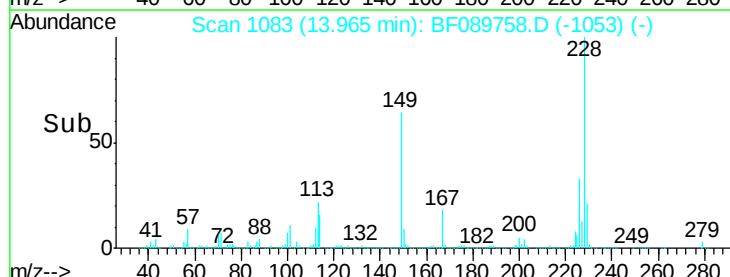
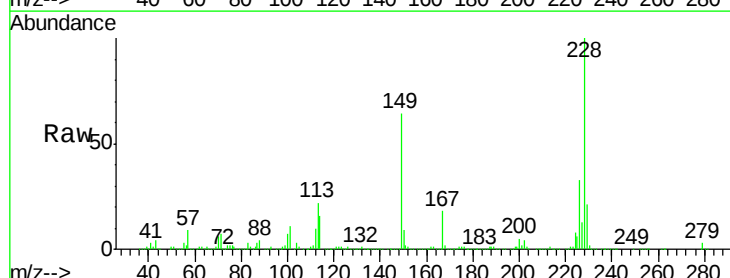
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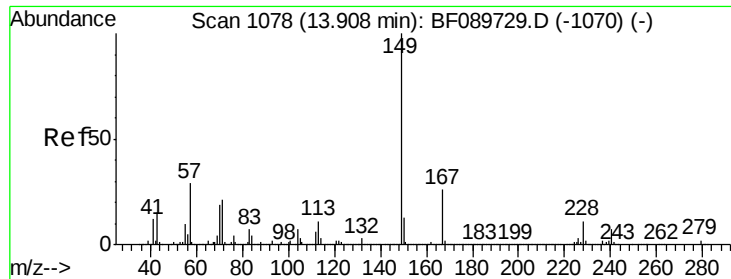
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#82
 Chrysene
 Concen: 34.83 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. 0.05 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.4	38.0
229	21.2	16.5	24.7





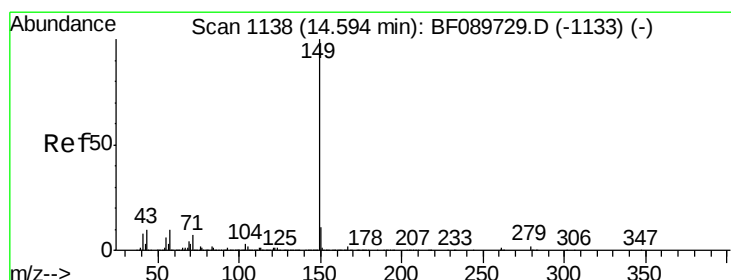
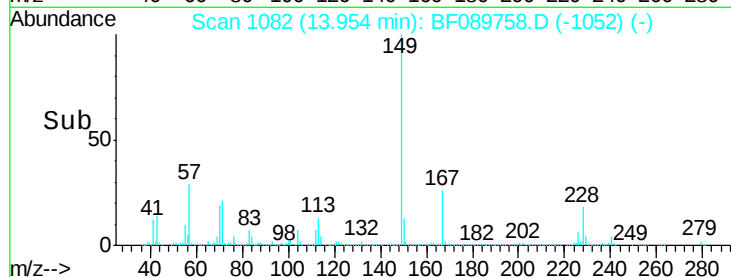
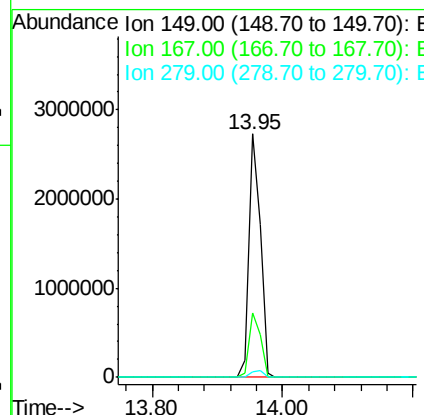
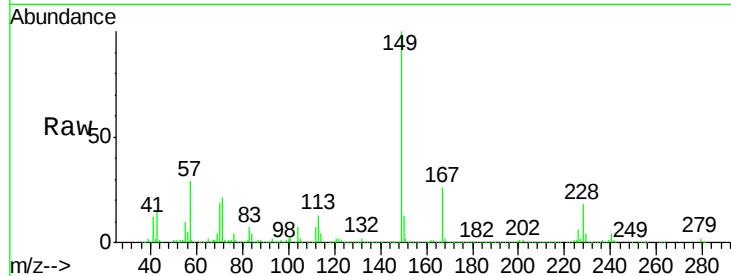
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.60 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.05 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 3244823
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.2 31.8
 279 2.2 2.9 4.3#

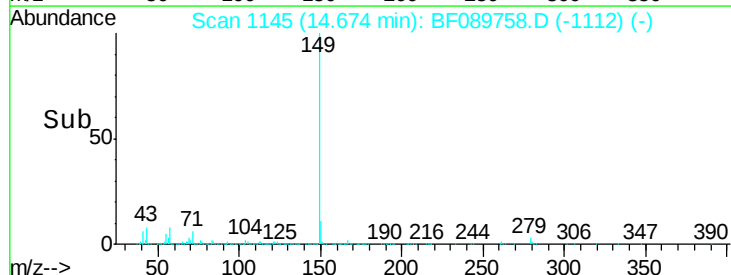
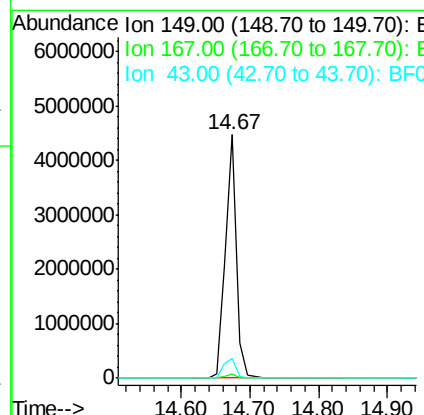
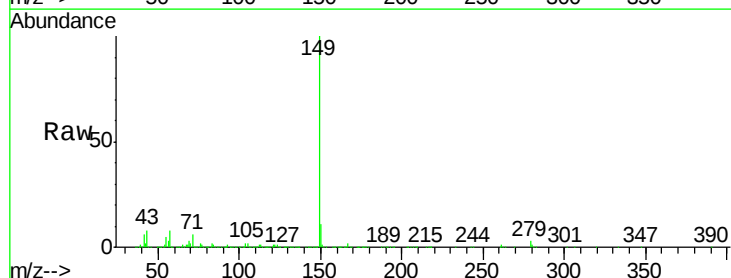
Manual Integrations
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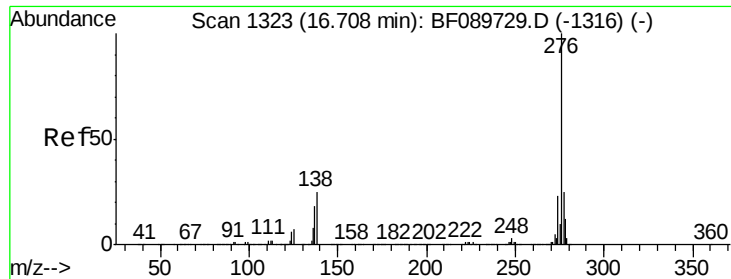
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#84
 Di-n-octyl phthalate
 Concen: 39.87 ng
 RT: 14.67 min Scan# 1145
 Delta R.T. 0.08 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion:149 Resp: 5077450
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.4 8.4 12.6





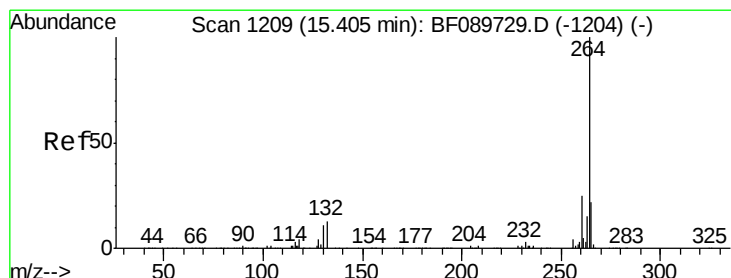
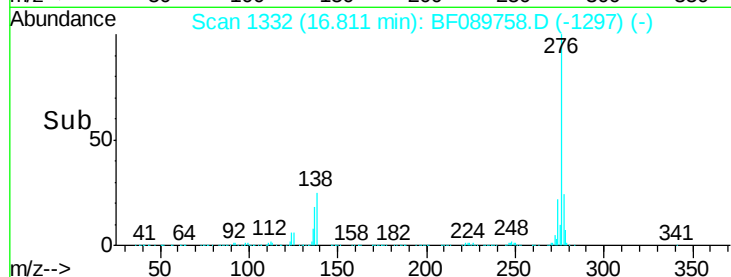
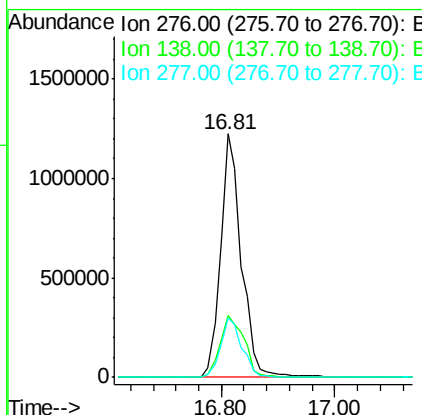
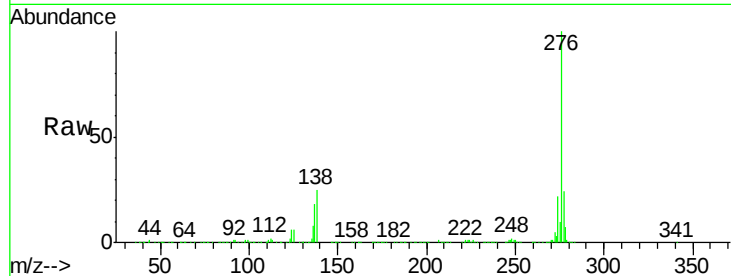
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.20 ng
 RT: 16.81 min Scan# 1332
 Delta R.T. 0.10 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.6	36.8
277	25.5	20.4	30.6

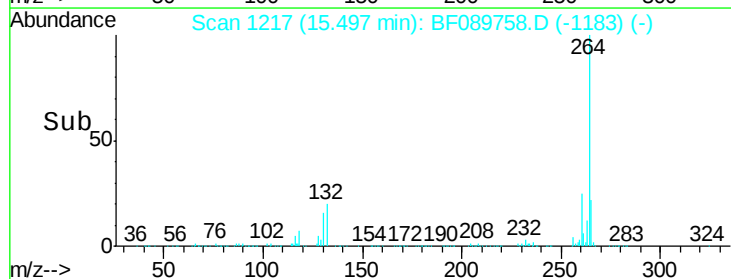
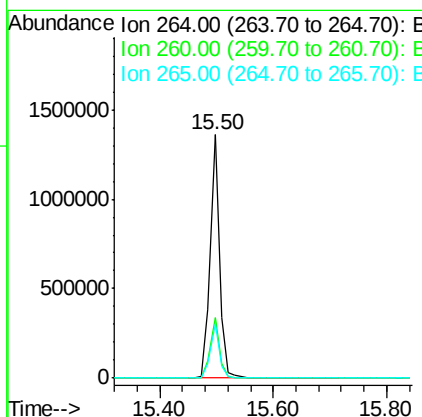
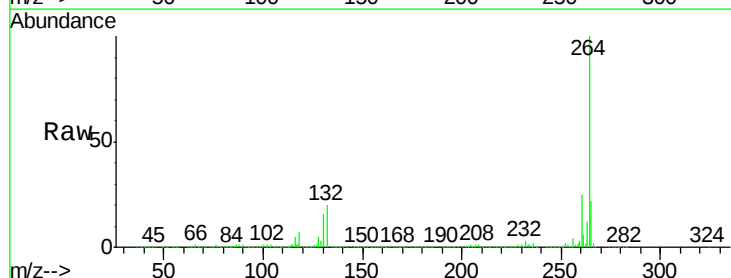
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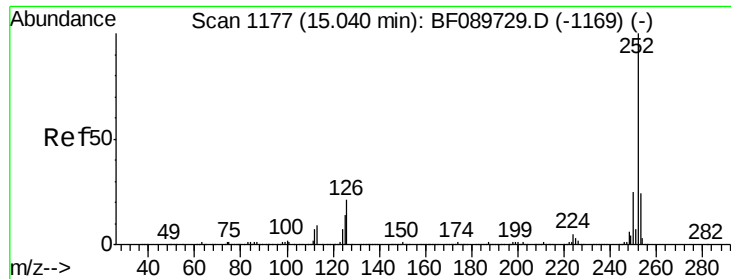
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1217
 Delta R.T. 0.09 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.4	17.4	26.2





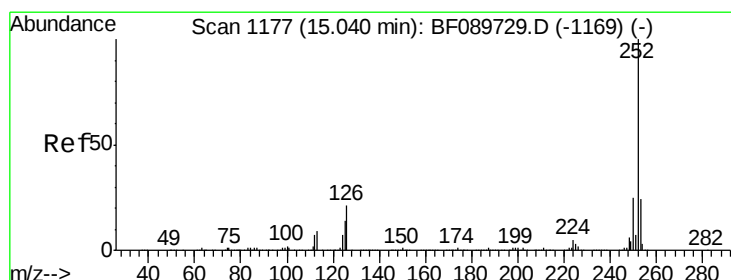
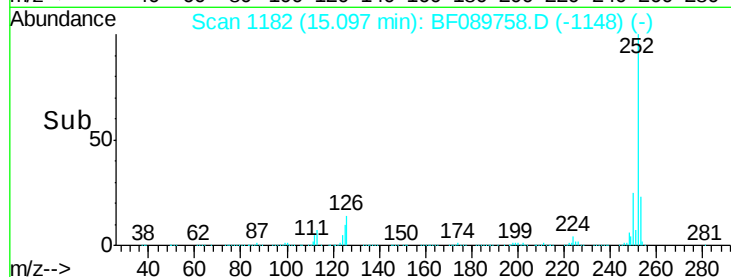
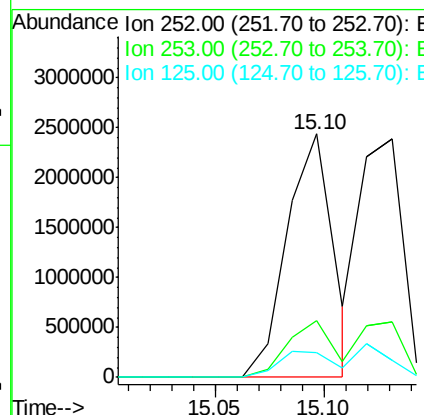
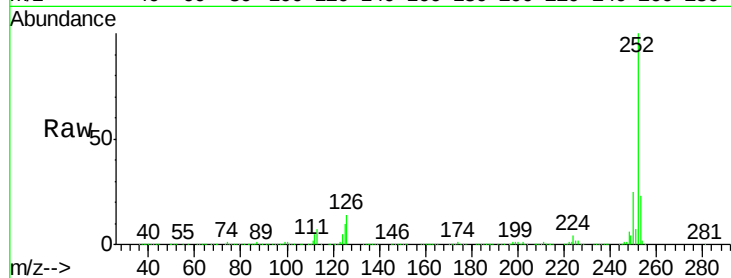
#87
Benzo(b)fluoranthene
Concen: 38.34 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.09 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 3618901
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 10.3 11.4 17.2#

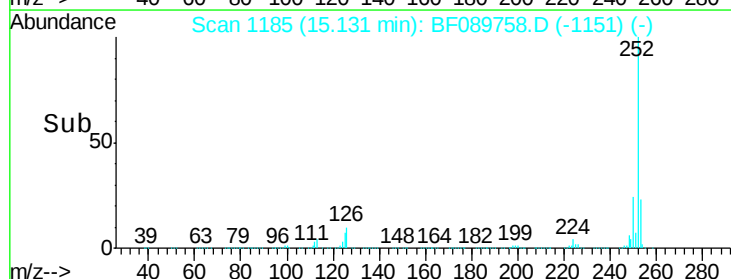
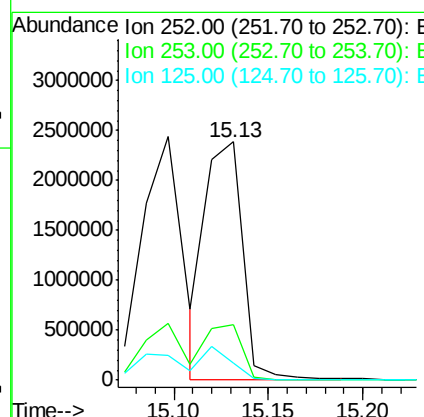
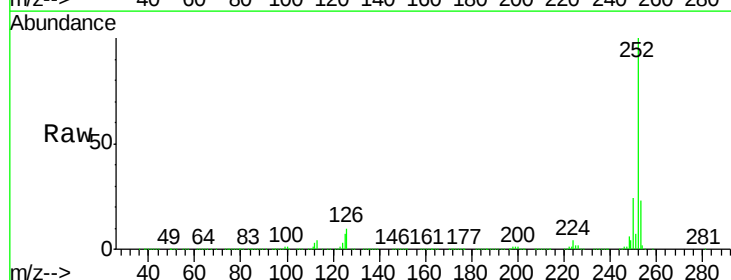
Manual Integrations
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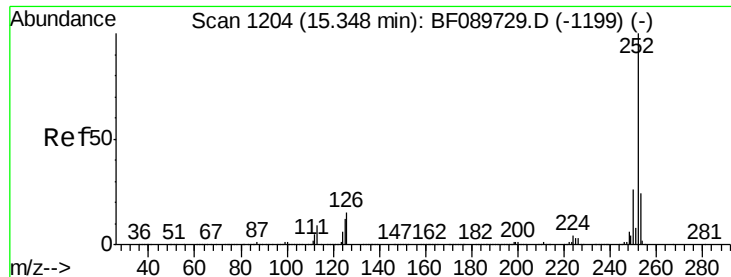
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#88
Benzo(k)fluoranthene
Concen: 42.90 ng m
RT: 15.13 min Scan# 1185
Delta R.T. 0.09 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion:252 Resp: 3332592
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 7.1 9.8 14.6#





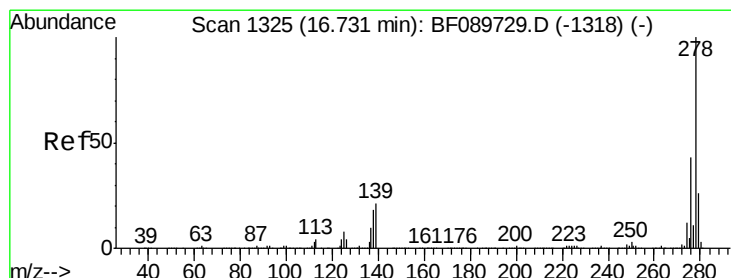
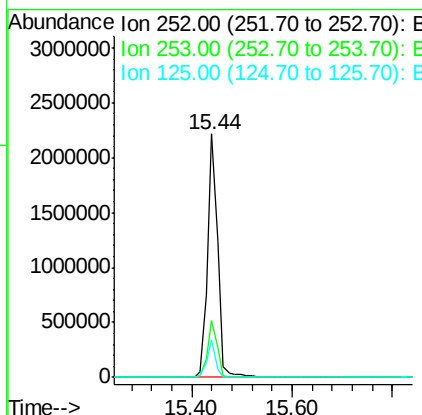
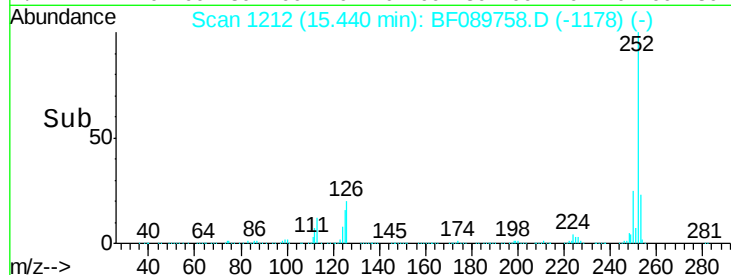
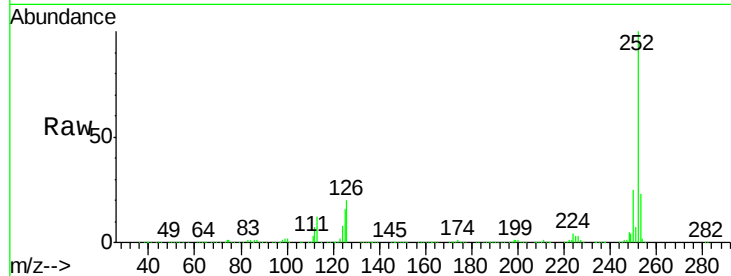
#89
Benzo(a)pyrene
Concen: 39.50 ng
RT: 15.44 min Scan# 1212
Delta R.T. 0.09 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	15.6	11.7	17.5

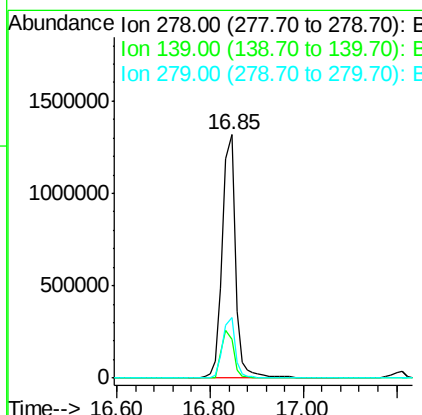
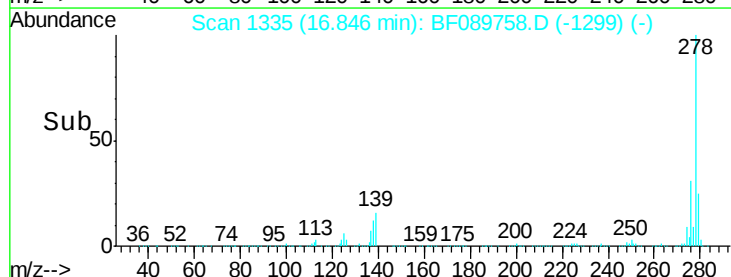
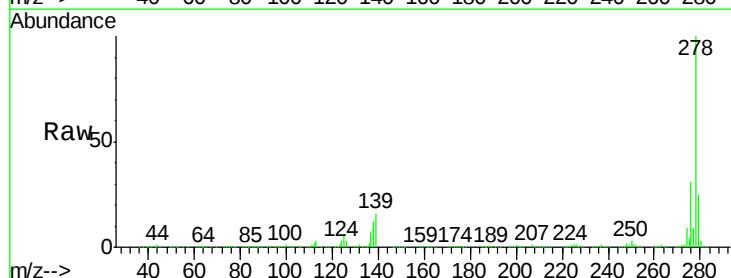
Manual Integrations
APPROVED

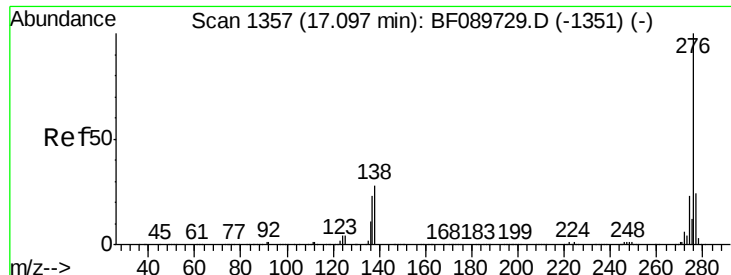
sohil
8/17/2016 6:25:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.00 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.11 min
Lab File: BF089758.D
Acq: 17 Aug 2016 12:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.9	22.3
279	25.0	19.2	28.8





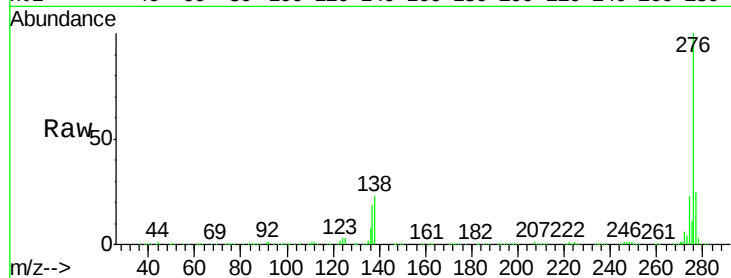
#91
 Benzo(a,h,i)perylene
 Concen: 41.59 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. 0.11 min
 Lab File: BF089758.D
 Acq: 17 Aug 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	22.7	22.1	33.1

Manual Integrations
 APPROVED

sohil
 8/17/2016 6:25:26 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

