

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082516\
 Data File : BF089909.D
 Acq On : 25 Aug 2016 11:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 8/25/2016 7:42:37 PM

Quant Time: Aug 25 19:24:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	654726	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	2504352	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	1196528	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	2092545	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1396766	20.00	ng	-0.05
86) Perylene-d12	15.28	264	1295537	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2850394	74.66	ng	-0.02
7) Phenol-d6	6.31	99	3333641	71.13	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2852404	70.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	934761	82.20	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	4891736	71.85	ng	-0.02
78) Terphenyl-d14	12.77	244	3818896	61.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	728497	38.56	ng	# 90
3) Pyridine	2.74	79	1931945	38.99	ng	89
4) n-Nitrosodimethylamine	2.71	42	630953	34.20	ng	# 63
6) Aniline	6.32	93	2292787	36.47	ng	# 41
8) 2-Chlorophenol	6.44	128	1673603	36.66	ng	87
9) Benzaldehyde	6.20	77	1087485m	35.62	ng	
10) Phenol	6.32	94	1749030	31.84	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	1738636	40.82	ng	92
12) 1,3-Dichlorobenzene	6.60	146	1914924m	40.12	ng	
13) 1,4-Dichlorobenzene	6.68	146	1862284m	37.96	ng	
14) 1,2-Dichlorobenzene	6.83	146	1645406	35.93	ng	95
15) Benzyl Alcohol	6.81	79	1009896	32.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2069659	37.97	ng	93
17) 2-Methylphenol	6.94	107	1458686	40.79	ng	95
18) Hexachloroethane	7.18	117	686428	39.23	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	969299	32.34	ng	# 87
20) 3+4-Methylphenols	7.10	107	1653133	37.71	ng	# 45
22) Acetophenone	7.08	105	2196749	38.20	ng	# 85
24) Nitrobenzene	7.26	77	1891040	41.81	ng	# 87
25) Isophorone	7.50	82	3070267	37.76	ng	95
26) 2-Nitrophenol	7.56	139	869669	38.54	ng	# 83
27) 2,4-Dimethylphenol	7.62	122	1674837	41.18	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1790344	35.59	ng	96
29) 2,4-Dichlorophenol	7.82	162	1481059	43.40	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	1504290	39.85	ng	97
31) Naphthalene	7.98	128	4587641	39.20	ng	98
32) Benzoic acid	7.76	122	1093610	34.51	ng	95
33) 4-Chloroaniline	8.02	127	1771890	34.92	ng	# 91
34) Hexachlorobutadiene	8.10	225	764588	38.68	ng	96
35) Caprolactam	8.42	113	456866	43.96	ng	# 77
36) 4-Chloro-3-methylphenol	8.51	107	1279210	34.61	ng	94
37) 2-Methylnaphthalene	8.66	142	2692488	35.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1485111	38.33	ng	97
40) Hexachlorocyclopentadiene	8.82	237	637083	47.36	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 25 19:24:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	1000013	41.02	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	977980	40.34	ng	97
45) 1,1'-Biphenyl	9.13	154	3268828	35.30	ng	95
46) 2-Chloronaphthalene	9.15	162	2986522	40.80	ng	94
47) 2-Nitroaniline	9.24	65	747245	35.79	ng	88
48) Acenaphthylene	9.56	152	4488740	40.81	ng	97
49) Dimethylphthalate	9.44	163	2879570	34.18	ng	99
50) 2,6-Dinitrotoluene	9.50	165	820626	42.19	ng	90
51) Acenaphthene	9.74	154	2882052	39.59	ng	98
52) 3-Nitroaniline	9.66	138	848046	39.35	ng	96
53) 2,4-Dinitrophenol	9.76	184	350563	39.78	ng	95
54) Dibenzofuran	9.91	168	3664944	40.08	ng	94
55) 4-Nitrophenol	9.83	139	853091	48.50	ng	87
56) 2,4-Dinitrotoluene	9.90	165	1051182	41.65	ng	# 86
57) Fluorene	10.25	166	2899495	39.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	662511	37.55	ng	99
59) Diethylphthalate	10.14	149	3128561	36.55	ng	96
60) 4-Chlorophenyl-phenylether	10.24	204	1160234	34.91	ng	91
61) 4-Nitroaniline	10.27	138	843420	41.75	ng	96
62) Azobenzene	10.40	77	2844918	35.36	ng	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	528784	43.97	ng	93
65) n-Nitrosodiphenylamine	10.36	169	2474429	37.61	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	813207	37.07	ng	# 77
67) Hexachlorobenzene	10.79	284	916279	36.61	ng	# 74
68) Atrazine	10.90	200	914905	45.40	ng	98
69) Pentachlorophenol	10.98	266	564804	39.81	ng	98
70) Phenanthrene	11.20	178	3600507	34.07	ng	95
71) Anthracene	11.26	178	4462559	41.54	ng	98
72) Carbazole	11.40	167	3646505	37.84	ng	98
73) Di-n-butylphthalate	11.76	149	5050133	41.89	ng	97
74) Fluoranthene	12.38	202	4039107	40.18	ng	93
76) Benzidine	12.51	184	2033058	44.98	ng	95
77) Pyrene	12.61	202	3843618	33.79	ng	95
79) Butylbenzylphthalate	13.26	149	2345269	45.66	ng	89
80) Benzo(a)anthracene	13.82	228	3487492	43.60	ng	97
81) 3,3'-Dichlorobenzidine	13.79	252	1491204	56.86	ng	# 96
82) Chrysene	13.86	228	3263239	47.58	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	2745519	38.80	ng	# 98
84) Di-n-octyl phthalate	14.50	149	4590966	48.82	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	2884823	32.97	ng	100
87) Benzo(b)fluoranthene	14.90	252	2999582	42.09	ng	97
88) Benzo(k)fluoranthene	14.94	252	2982823m	46.13	ng	
89) Benzo(a)pyrene	15.22	252	2881650	42.72	ng	97
90) Dibenzo(a,h)anthracene	16.58	278	2371494	32.39	ng	99
91) Benzo(g,h,i)perylene	16.94	276	2417015	31.35	ng	99

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

```

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Data File : BF089909.D
Acq On    : 25 Aug 2016   11:28
Operator  : UM/SJ
Sample    : SSTCCC040
Misc      :
ALS Vial   : 2      Sample Multiplier: 1

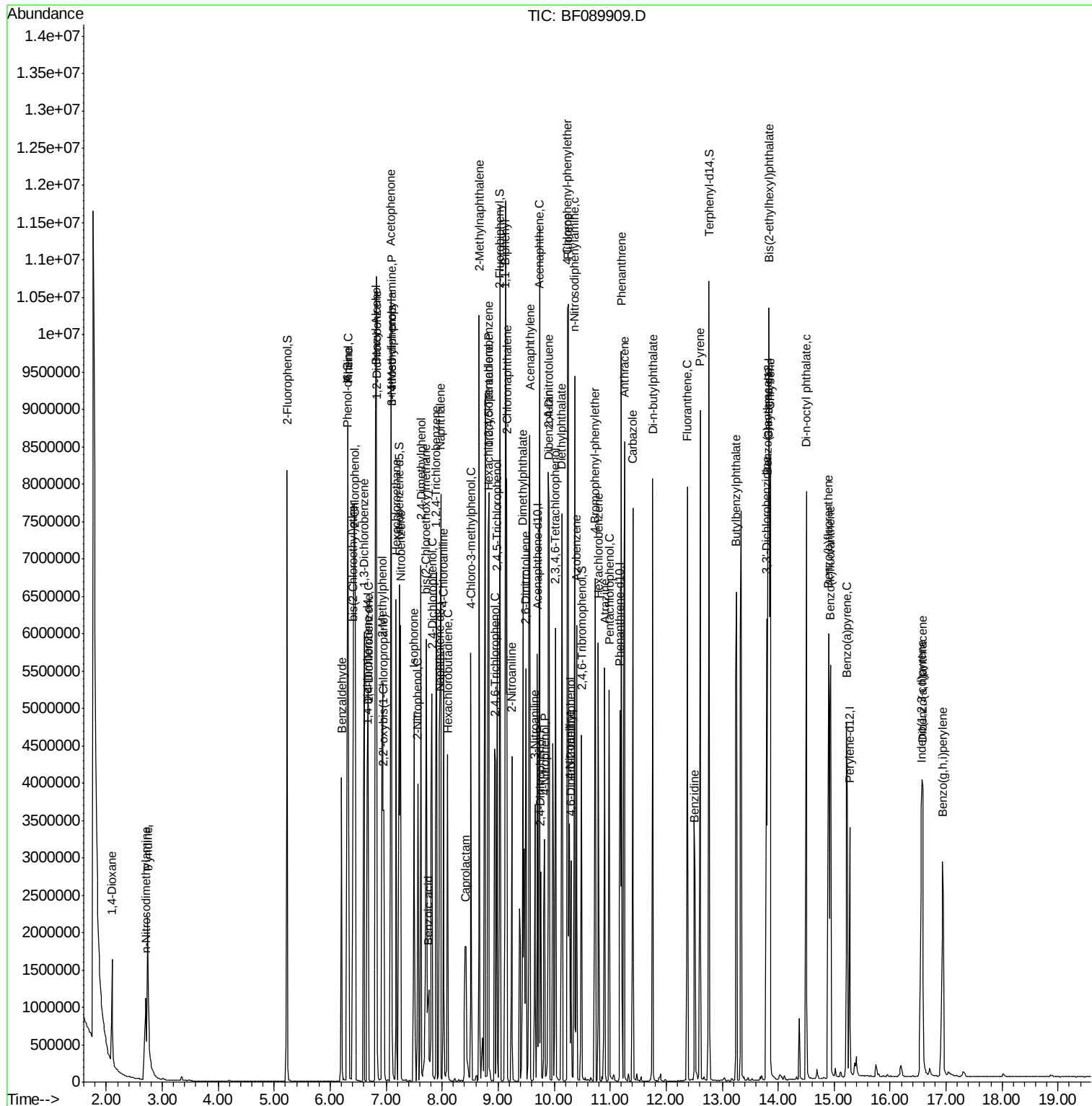
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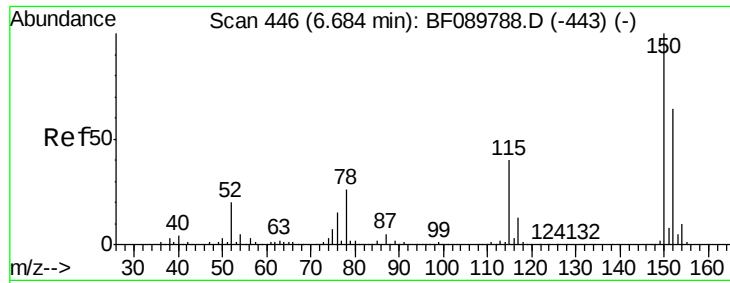
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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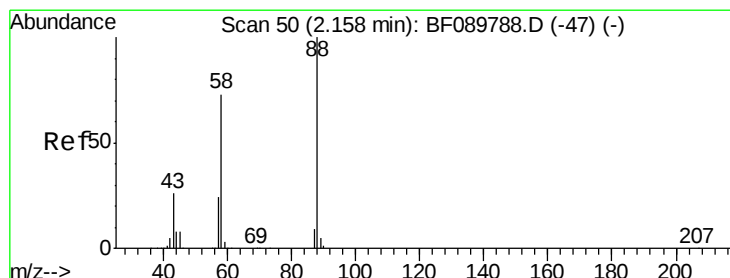
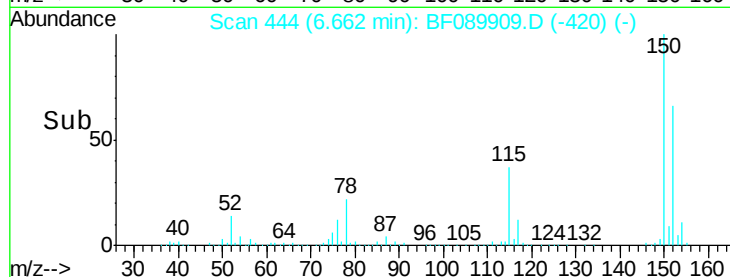
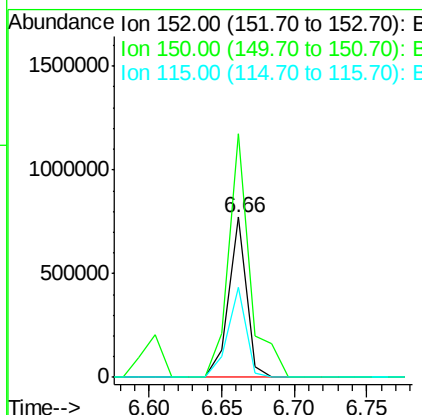
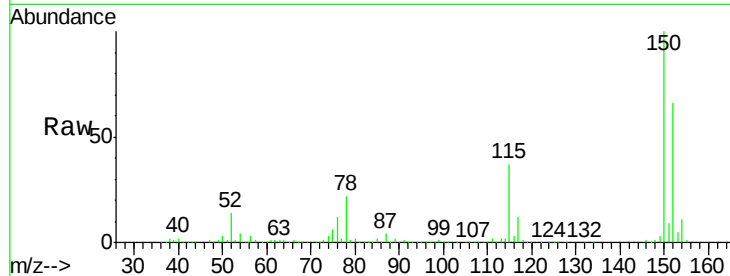
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	654726		
150	152.1	125.3	187.9	
115	55.9	40.9	61.3	

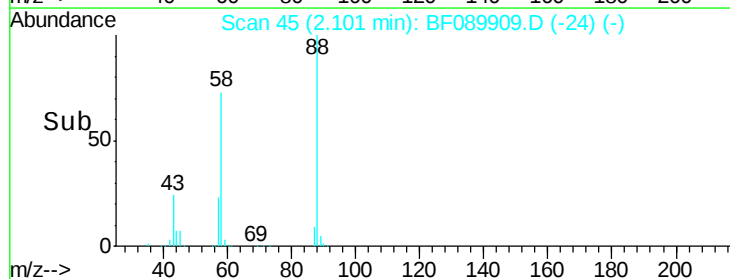
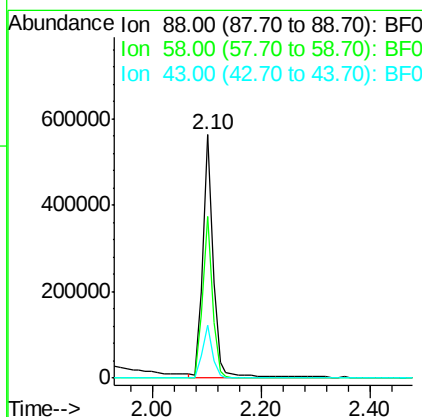
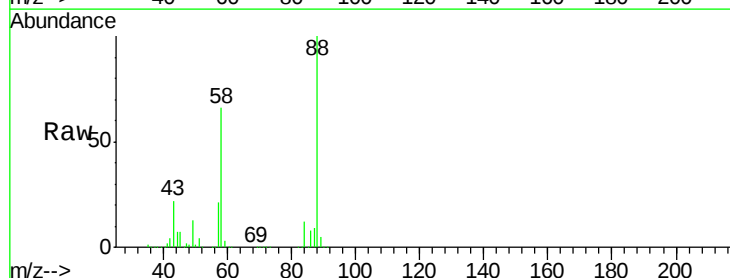
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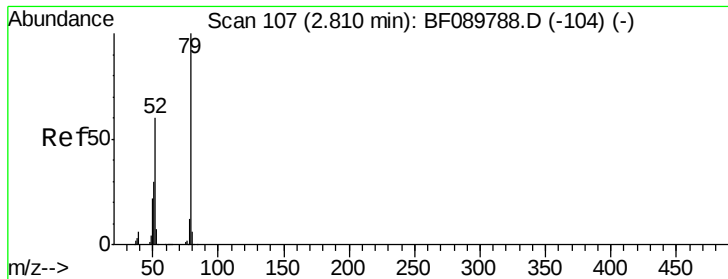
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#2
 1,4-Dioxane
 Concen: 38.56 ng
 RT: 2.10 min Scan# 45
 Delta R.T. -0.06 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	728497		
58	63.3	57.0	85.4	
43	20.7	21.8	32.8	





#3

Pyridine

Concen: 38.99 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.07 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

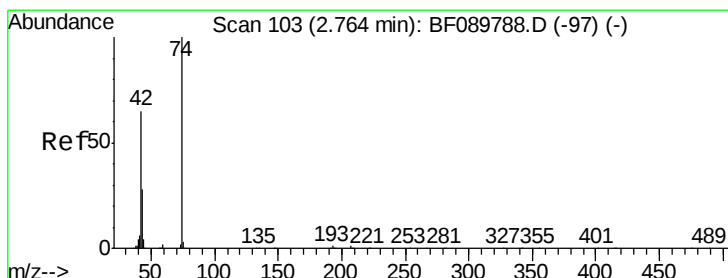
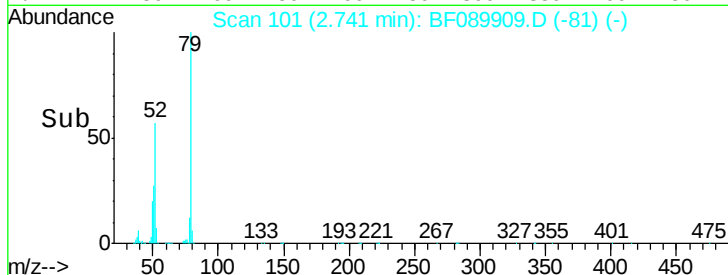
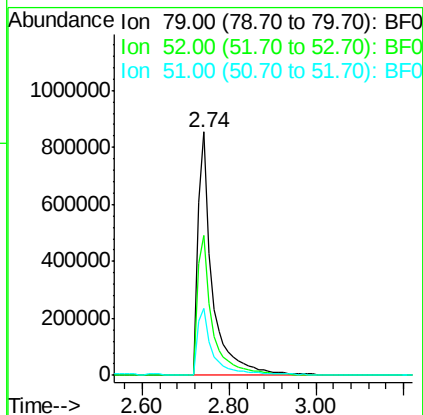
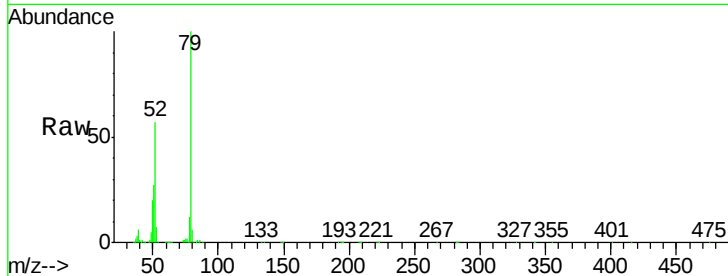
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	1931945
Ion	Ratio	Lower	Upper
79	100		
52	57.3	53.6	80.4
51	27.4	26.6	39.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.20 ng

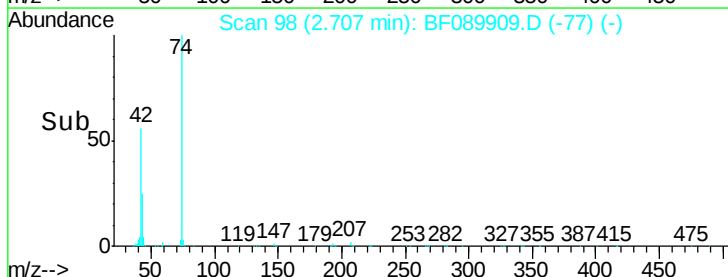
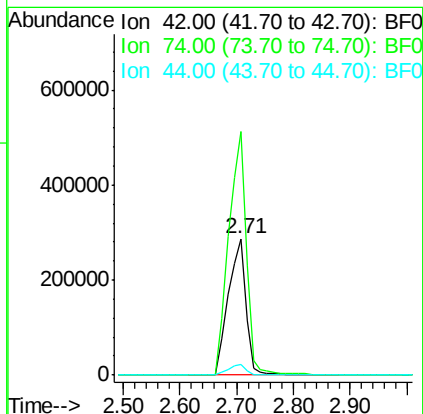
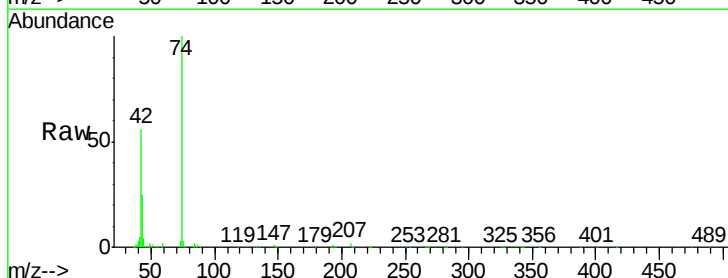
RT: 2.71 min Scan# 98

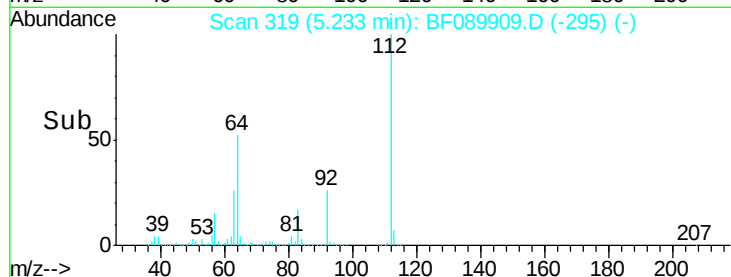
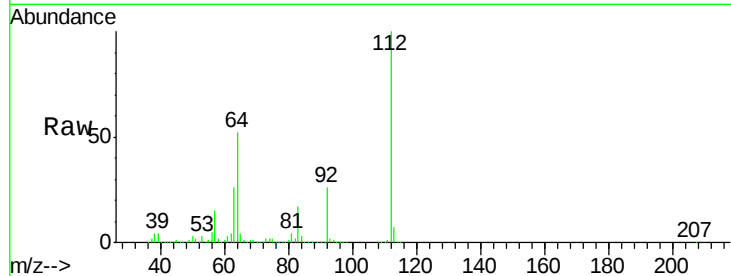
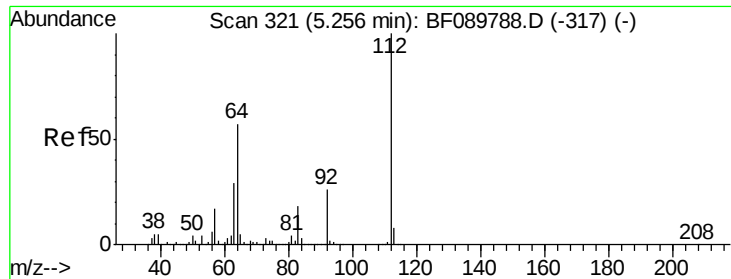
Delta R.T. -0.06 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	42	Resp:	630953
Ion	Ratio	Lower	Upper
42	100		
74	178.9	106.2	159.2#
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 74.66 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	112	Resp:	2850394
Ion	Ratio	Lower	Upper
112	100		
64	52.2	45.0	67.4
63	25.8	23.1	34.7

Instrument :

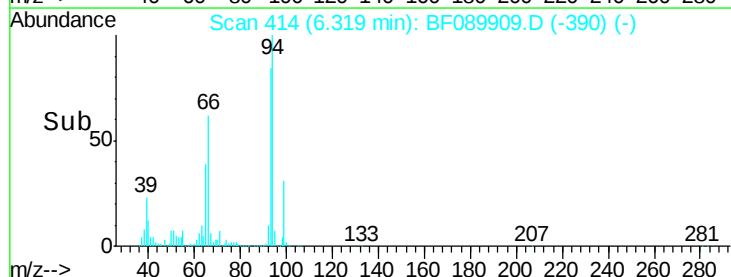
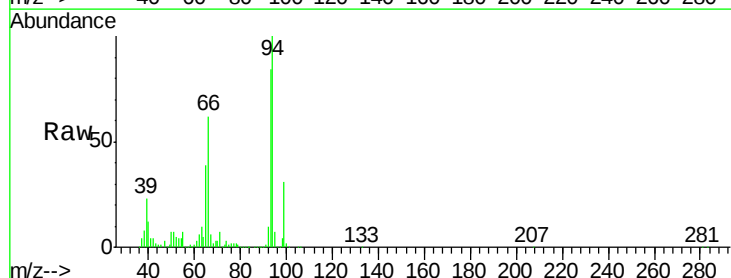
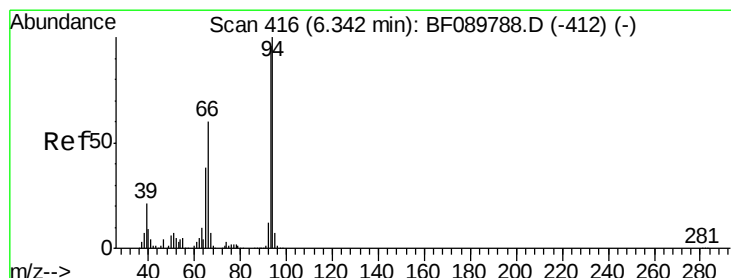
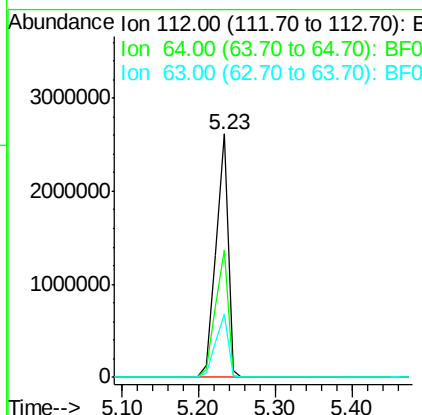
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 36.47 ng

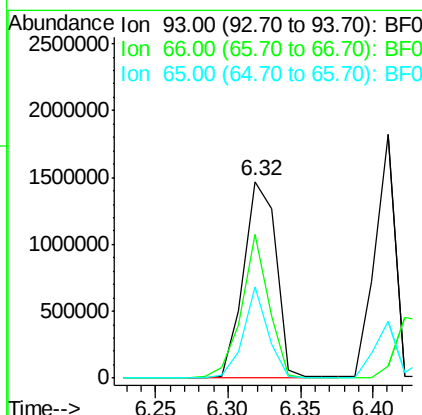
RT: 6.32 min Scan# 414

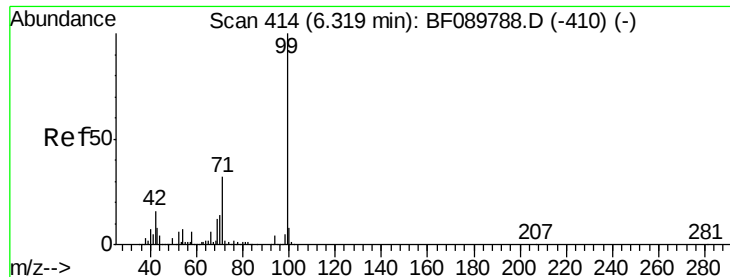
Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	93	Resp:	2292787
Ion	Ratio	Lower	Upper
93	100		
66	73.2	30.6	46.0#
65	46.7	15.4	23.2#





#7

Phenol-d6

Concen: 71.13 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 3333641

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.4

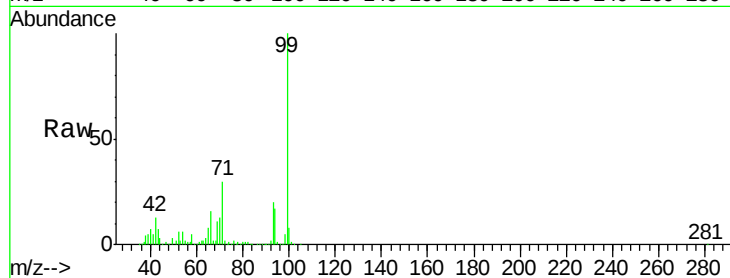
71 29.7 23.8 35.8

Manual Integrations

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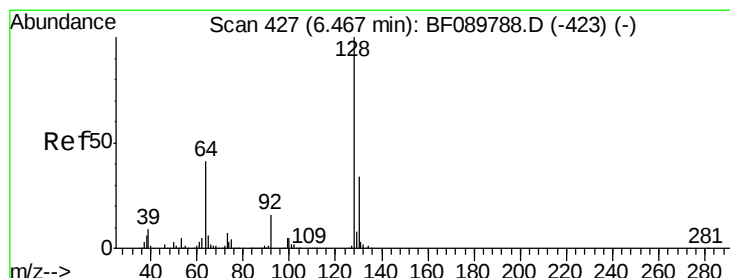
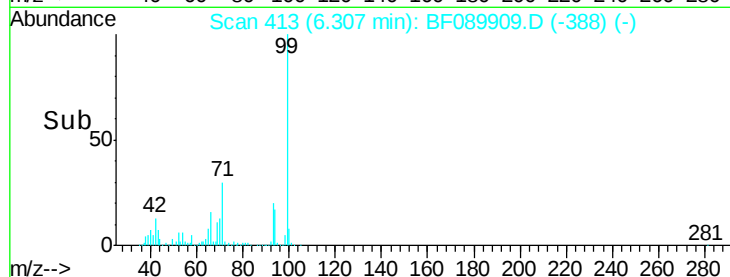
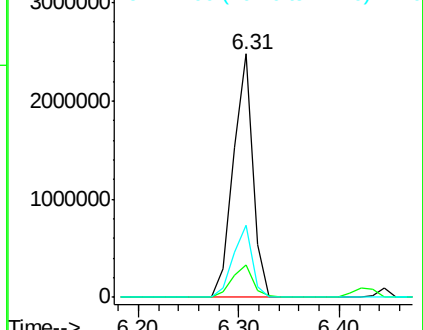
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.66 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

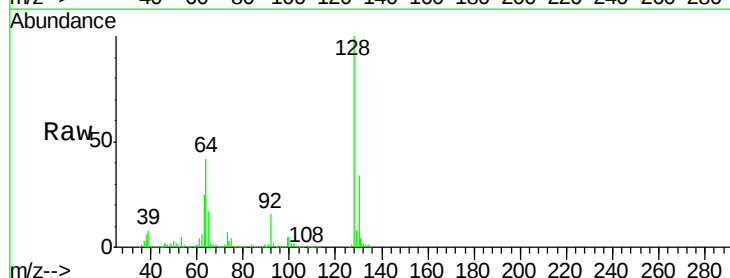
Tgt Ion: 128 Resp: 1673603

Ion Ratio Lower Upper

128 100

130 34.2 12.0 52.0

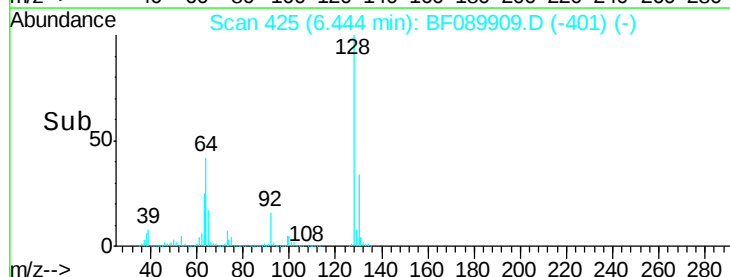
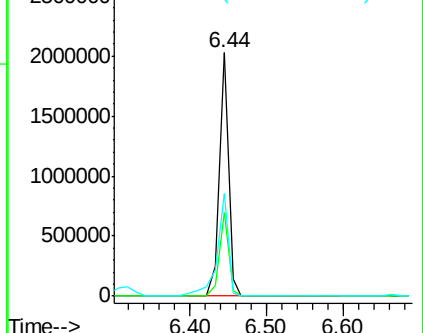
64 42.5 35.1 75.1

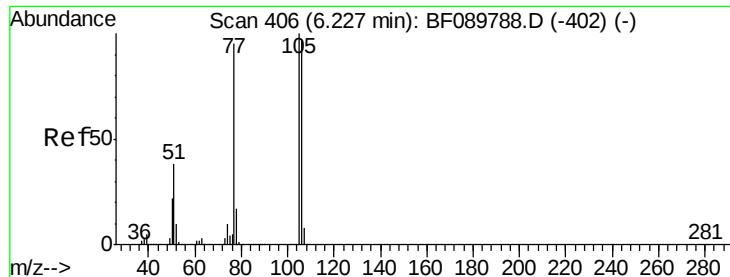


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.62 ng m

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1087485

Ion Ratio Lower Upper

77 100

105 113.0 73.3 113.3

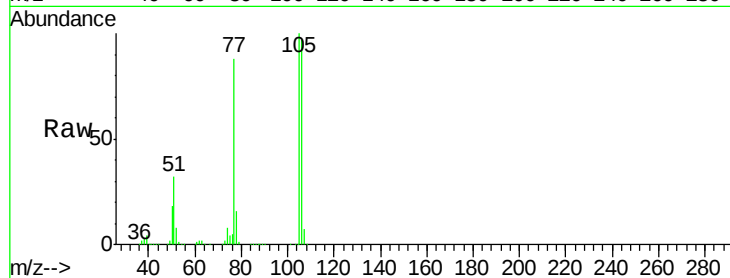
106 109.5 68.6 108.6#

Manual Integrations

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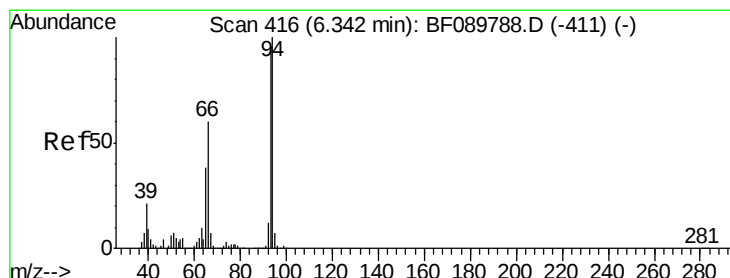
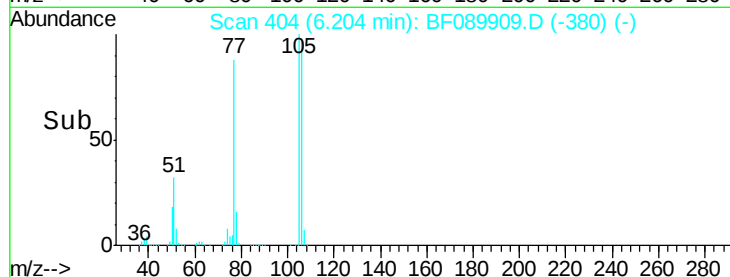
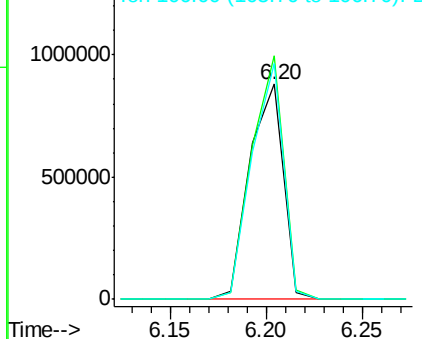
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.84 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

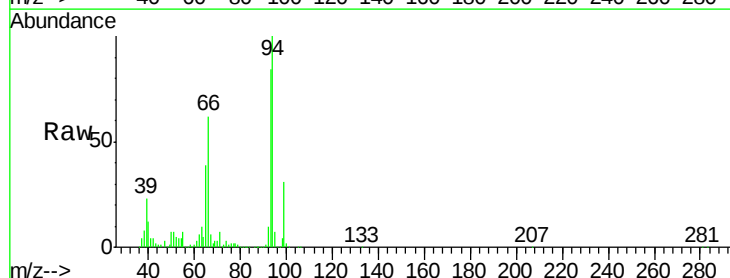
Tgt Ion: 94 Resp: 1749030

Ion Ratio Lower Upper

94 100

65 39.2 14.0 54.0

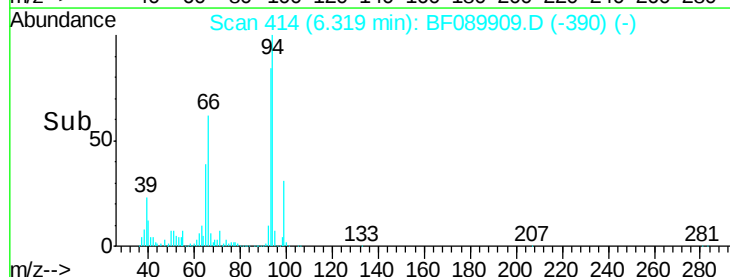
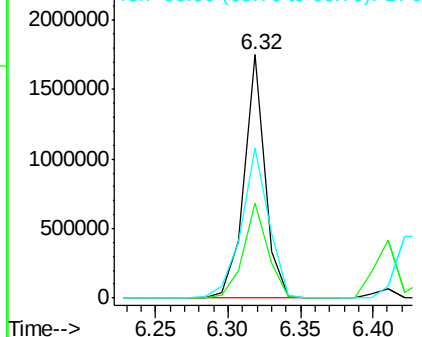
66 61.5 31.2 71.2

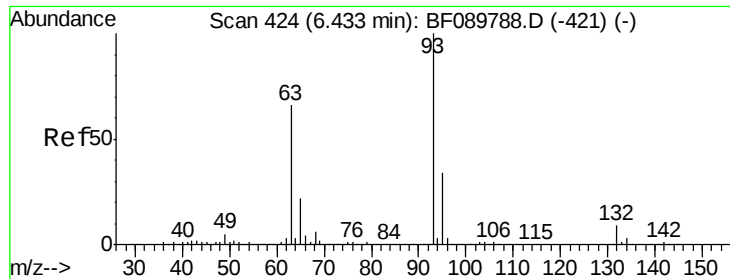


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





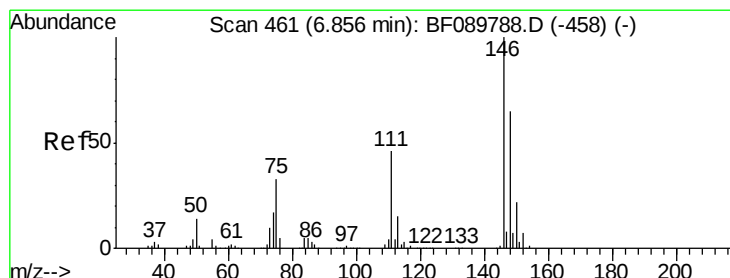
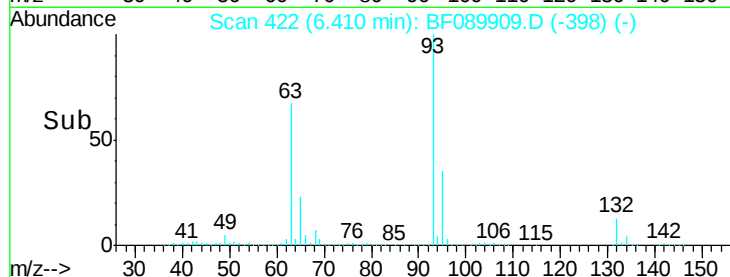
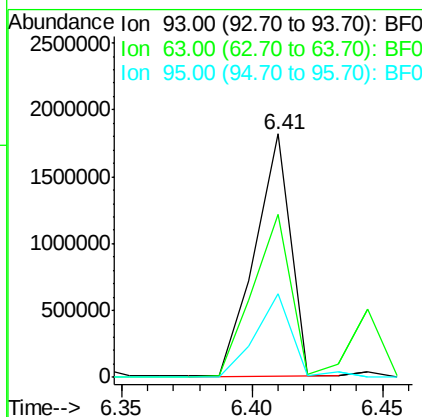
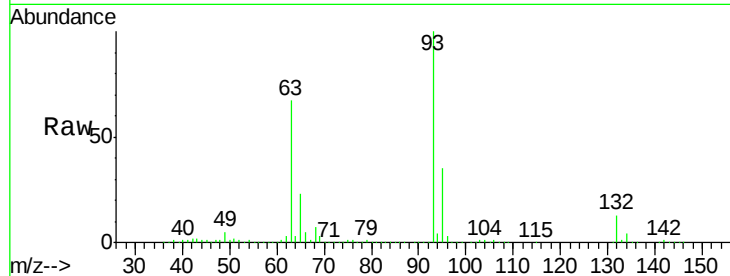
#11
bis(2-Chloroethyl)ether
Concen: 40.82 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1738636
Ion Ratio Lower Upper
93 100
63 67.2 55.8 95.8
95 34.5 13.0 53.0

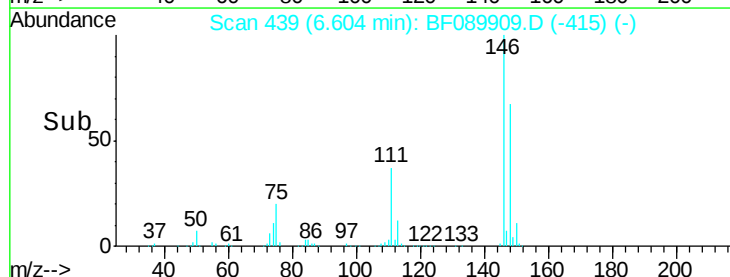
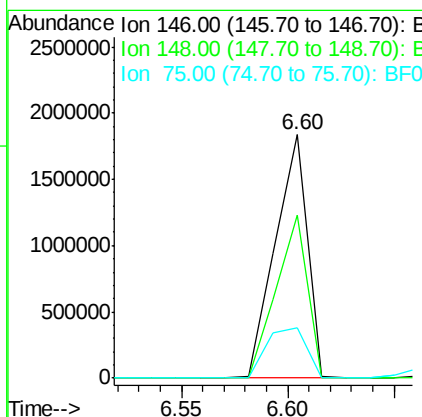
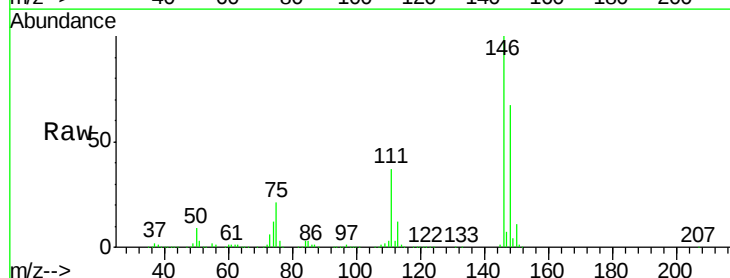
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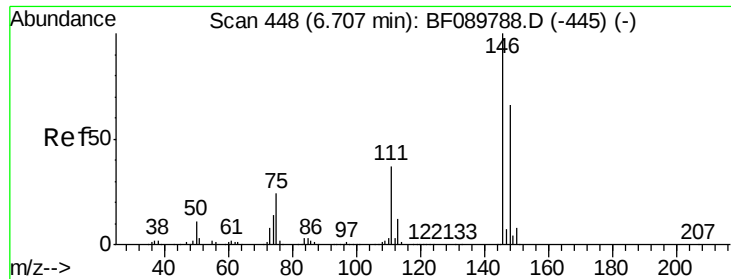
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#12
1,3-Dichlorobenzene
Concen: 40.12 ng m
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion: 146 Resp: 1914924
Ion Ratio Lower Upper
146 100
148 66.9 51.0 76.4
75 20.8 27.0 40.6#





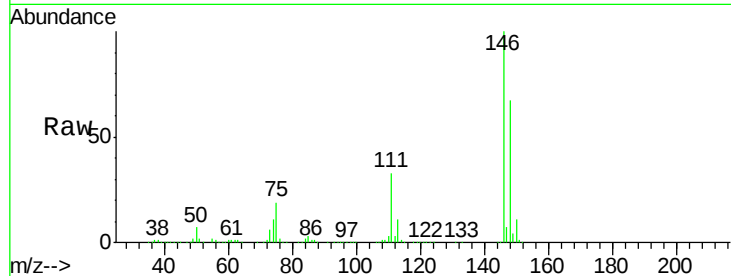
#13
 1,4-Dichlorobenzene
 Concen: 37.96 ng m
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

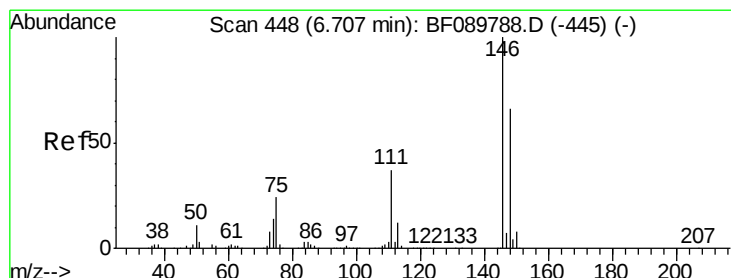
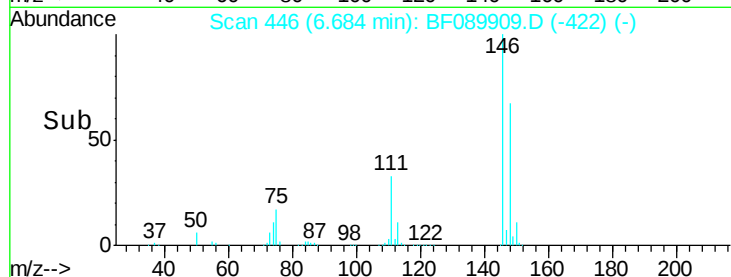
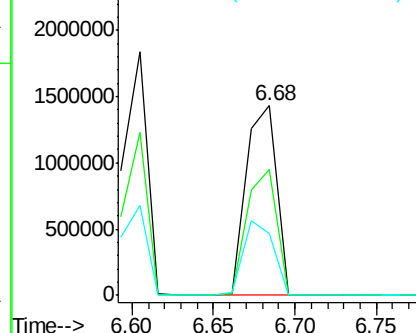
Tgt Ion:146 Resp: 1862284
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.0 76.6
 111 32.8 34.6 52.0#

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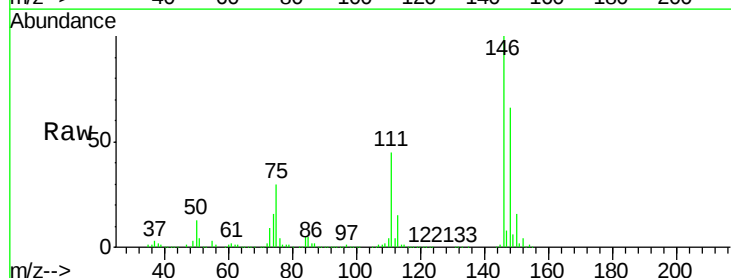


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

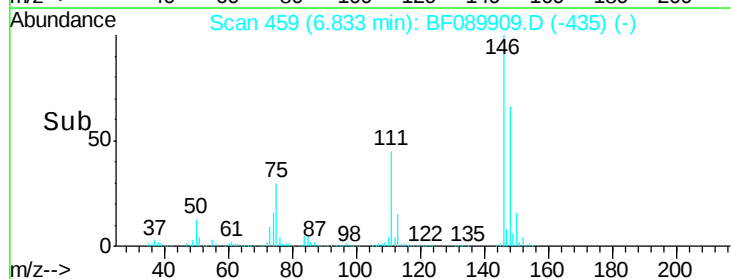
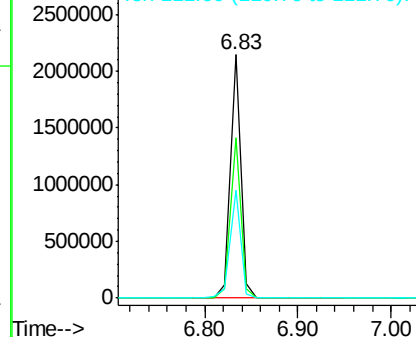


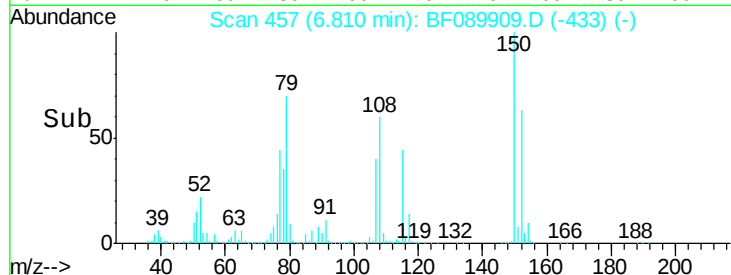
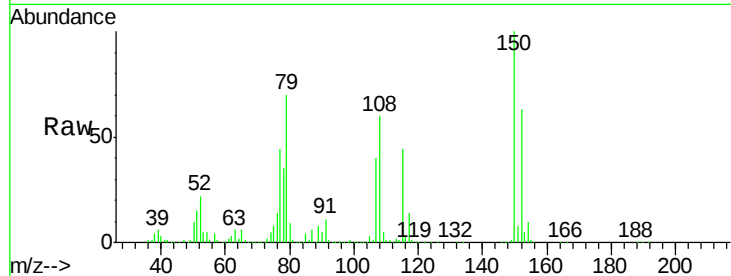
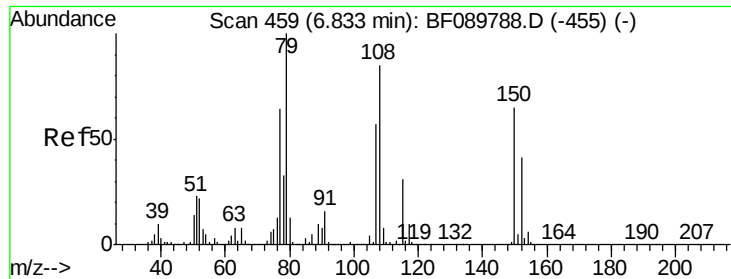
#14
 1,2-Dichlorobenzene
 Concen: 35.93 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion:146 Resp: 1645406
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 44.5 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.49 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	79	Resp:	1009896
Ion	Ratio	Lower	Upper
79	100		
108	85.9	62.5	93.7
77	62.2	51.5	77.3

Instrument :

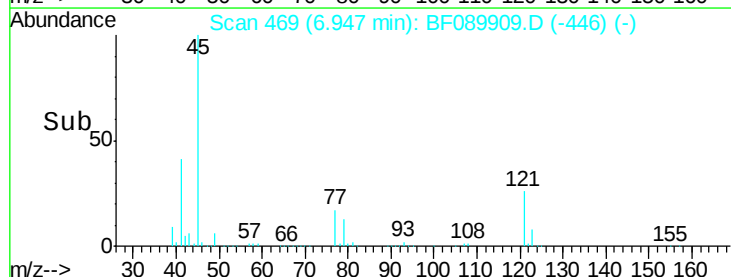
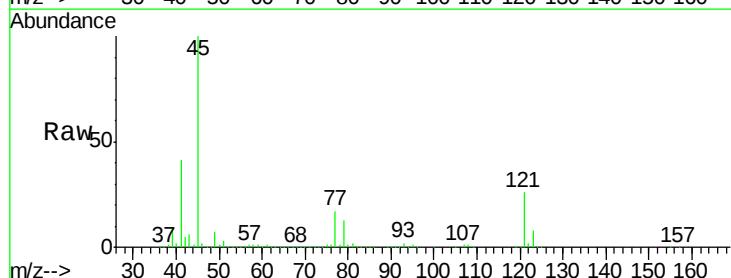
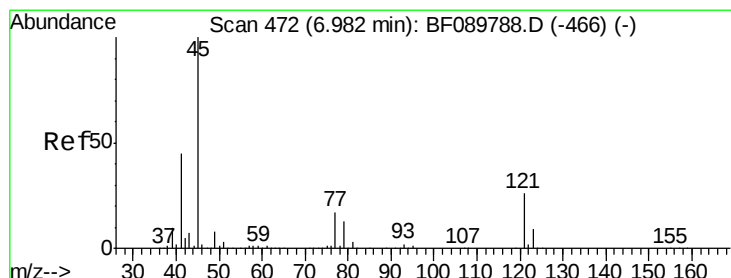
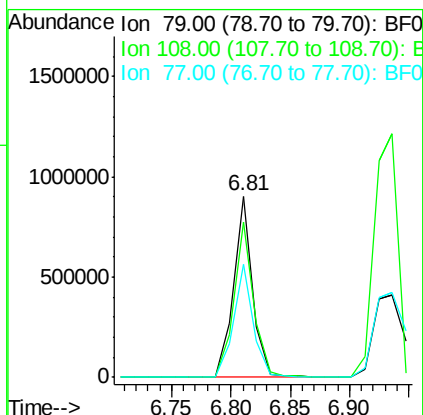
BNA_F

ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.97 ng

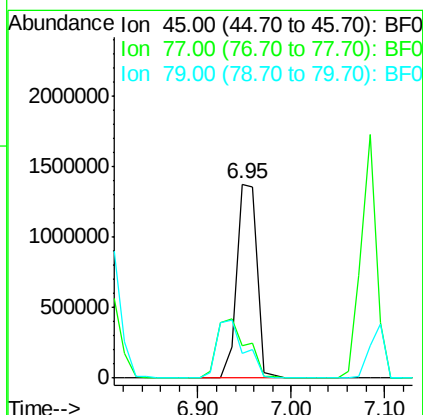
RT: 6.95 min Scan# 469

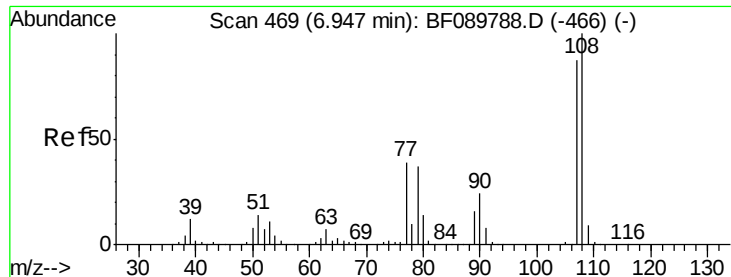
Delta R.T. -0.03 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	45	Resp:	2069659
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	33.5
79	12.9	0.0	30.7





#17

2-Methylphenol

Concen: 40.79 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion:107 Resp: 1458686

Ion Ratio Lower Upper

107 100

108 114.8 91.0 136.4

77 40.1 37.4 56.0

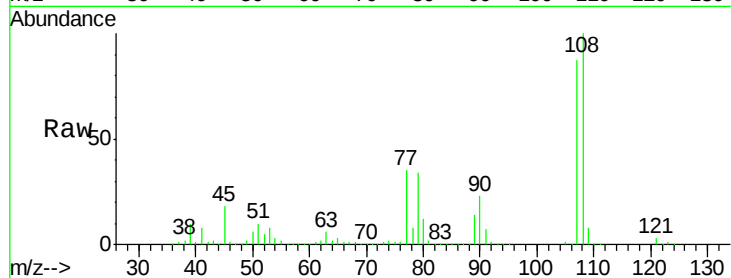
79 38.9 36.6 55.0

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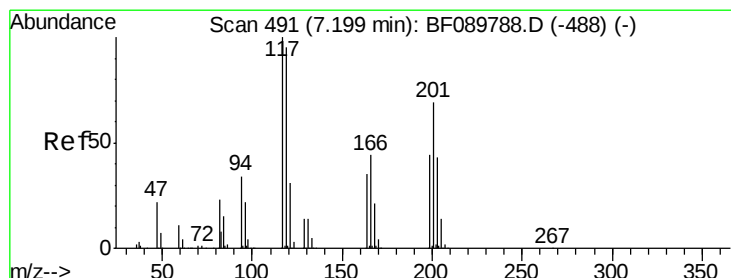
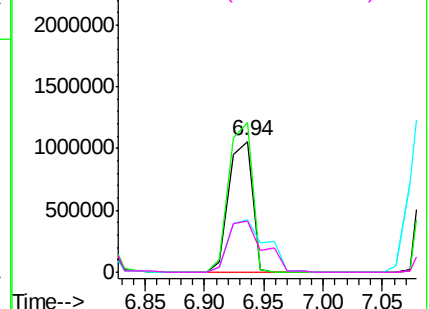
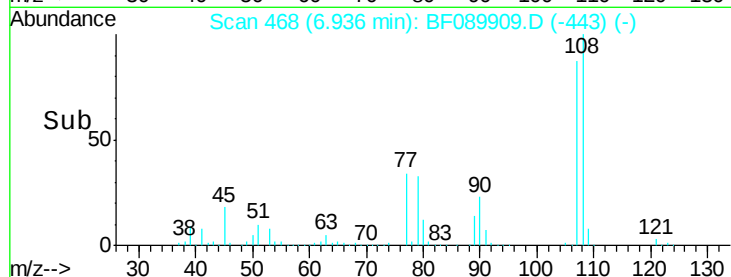
Abundance

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: 39.23 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

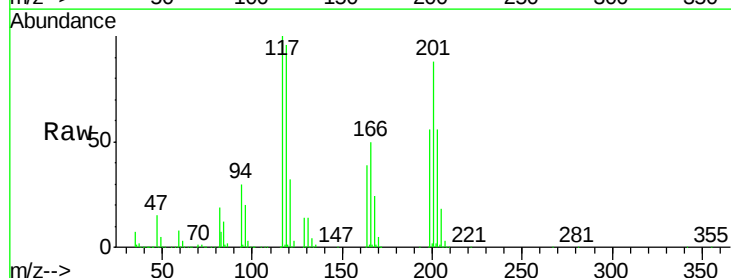
Tgt Ion:117 Resp: 686428

Ion Ratio Lower Upper

117 100

119 96.0 77.1 115.7

201 87.7 76.9 115.3

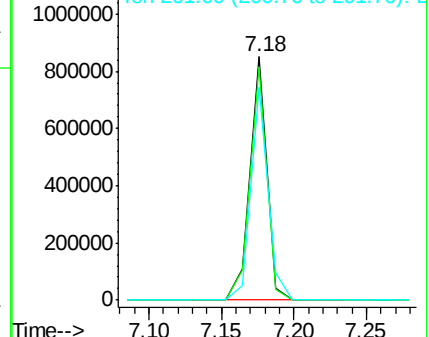
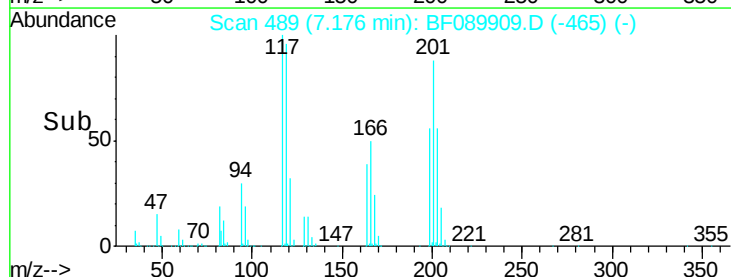


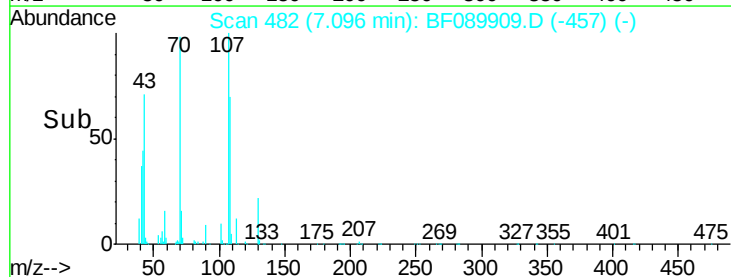
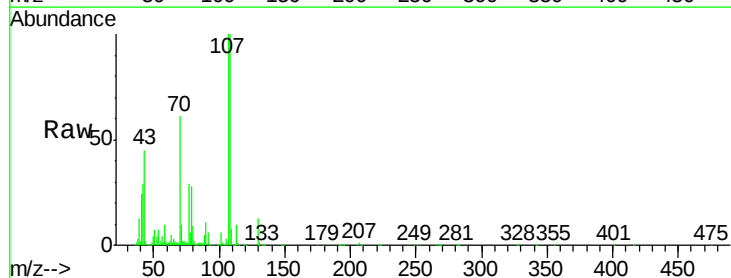
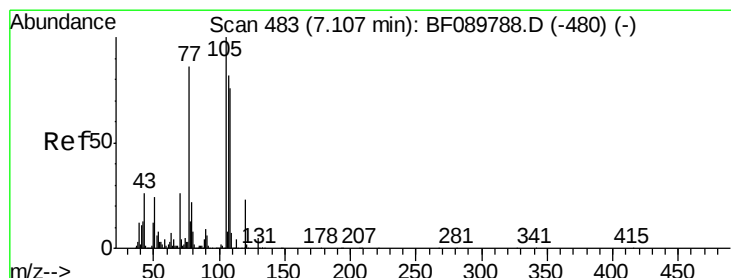
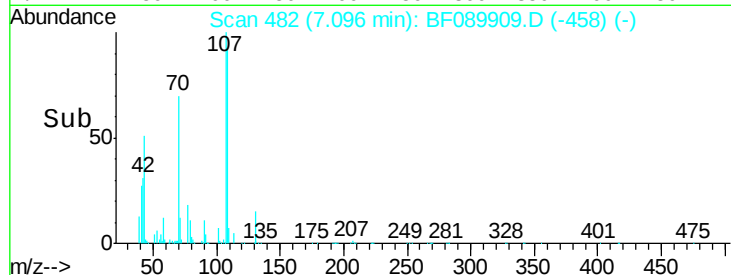
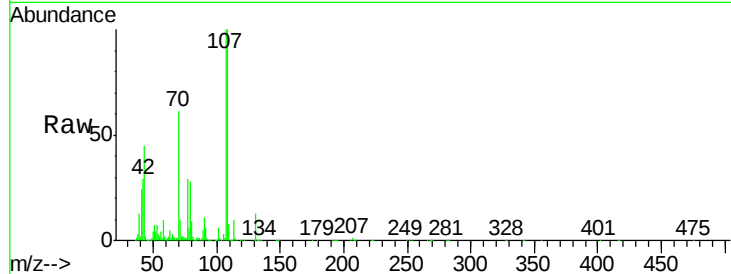
Abundance

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





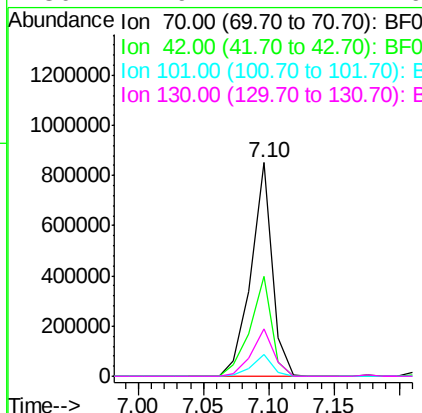
#19
n-Nitroso-di-n-propylamine
Concen: 32.34 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.5	46.3	69.5
101	10.1	7.0	10.6
130	21.9	14.4	21.6#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

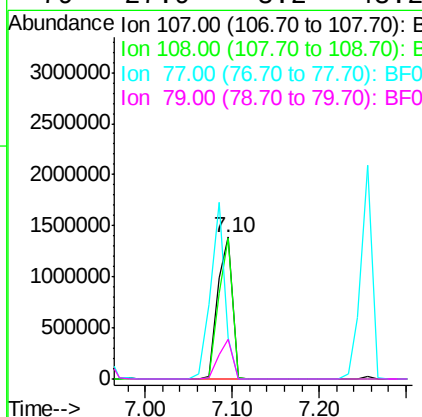
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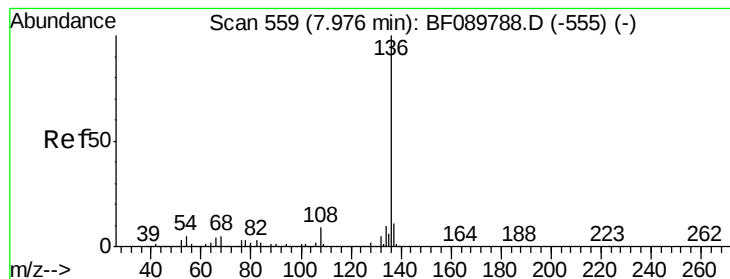
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#20
3+4-Methylphenols
Concen: 37.71 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.8	68.2	108.2
77	28.7	122.3	162.3#
79	27.9	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 2504352

Ion Ratio Lower Upper

136 100

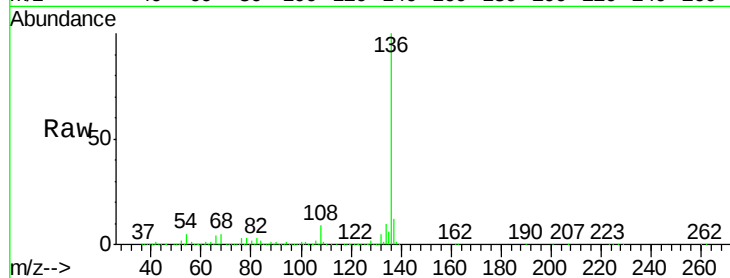
137 11.5 9.2 13.8

54 5.1 7.2 10.8#

68 5.1 5.8 8.8#

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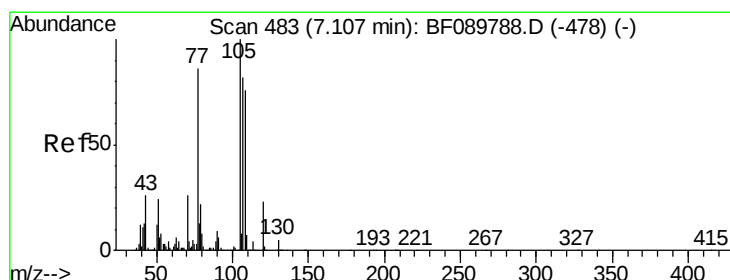
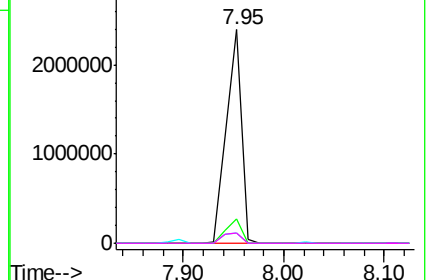
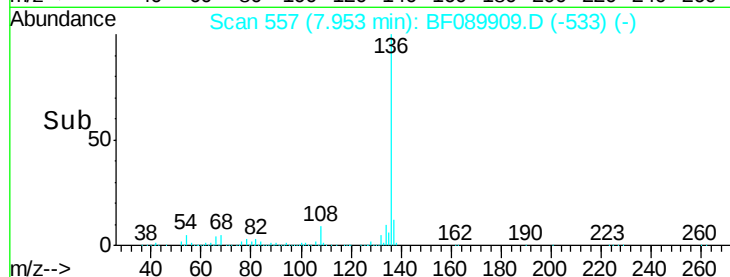


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.20 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:105 Resp: 2196749

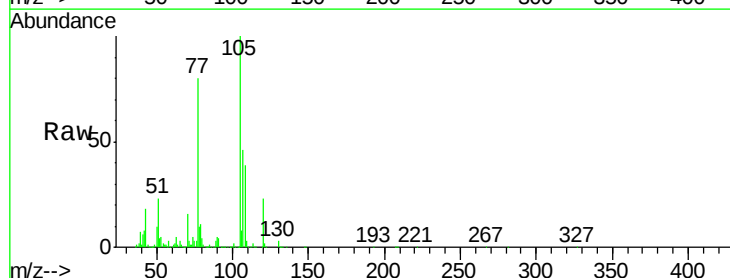
Ion Ratio Lower Upper

105 100

71 2.7 1.9 2.9

51 22.6 28.5 42.7#

120 23.3 16.6 25.0

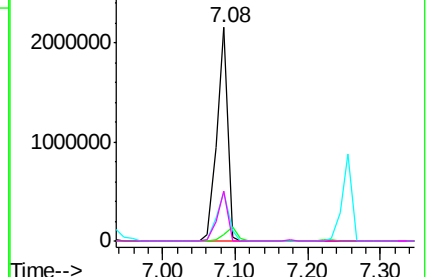
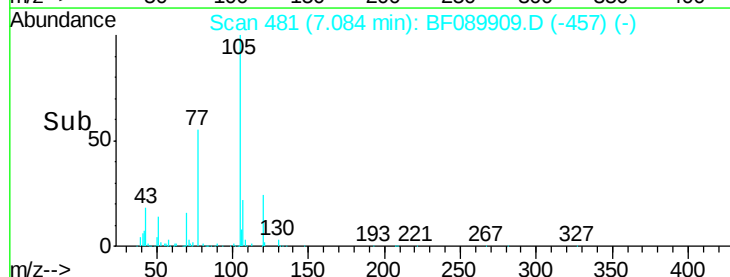


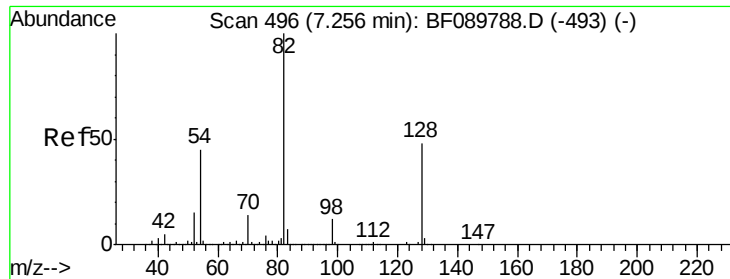
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





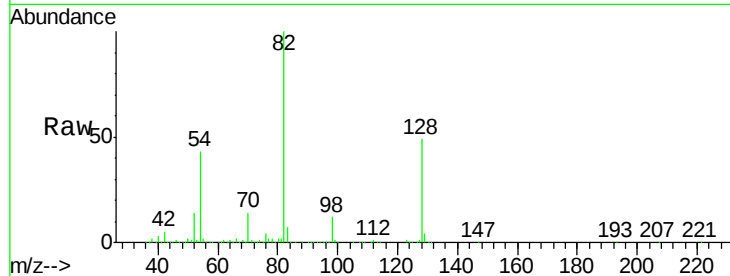
#23
 Nitrobenzene-d5
 Concen: 70.76 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

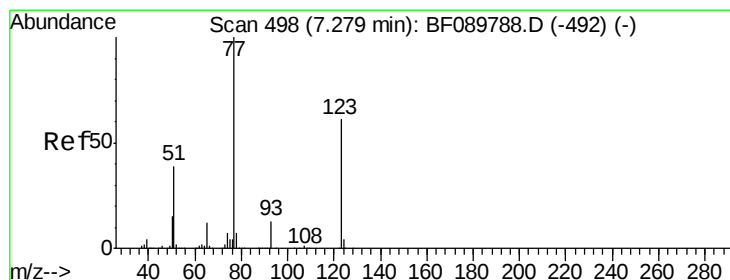
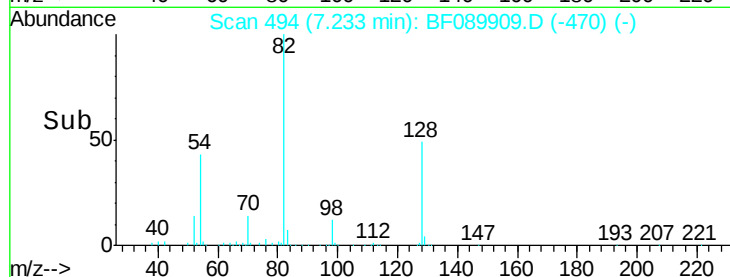
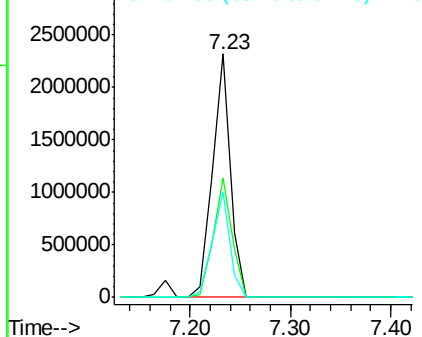
Tgt Ion: 82 Resp: 2852404
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.4 51.6
 54 43.4 40.3 60.5

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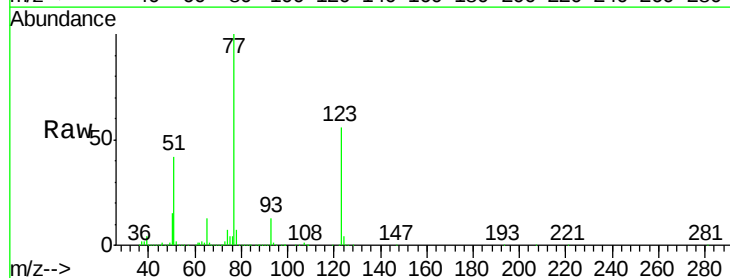


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

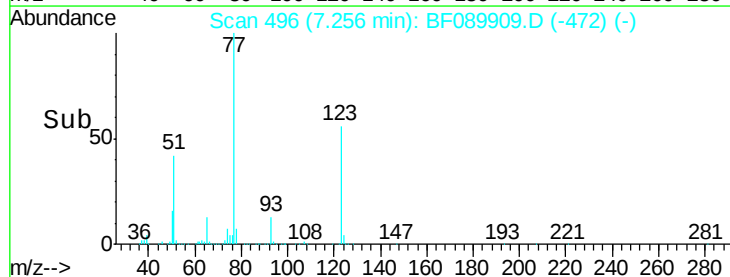
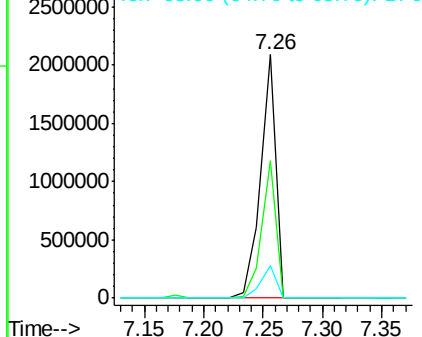


#24
 Nitrobenzene
 Concen: 41.81 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion: 77 Resp: 1891040
 Ion Ratio Lower Upper
 77 100
 123 56.2 36.2 54.2#
 65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.76 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 3070267

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

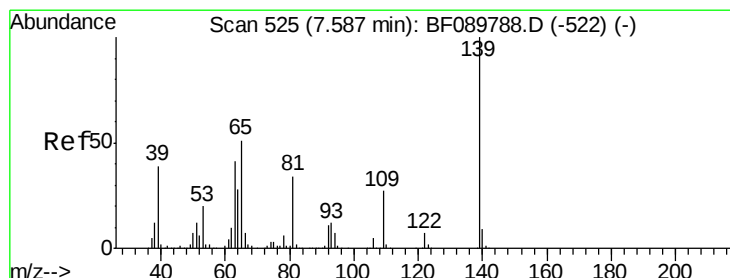
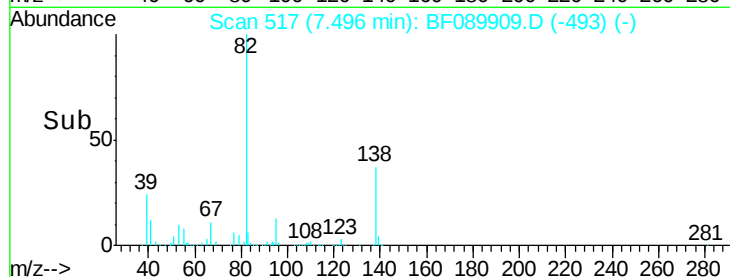
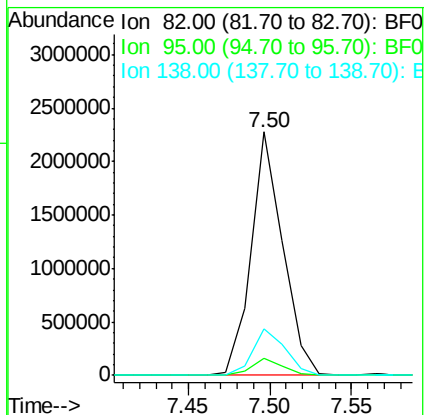
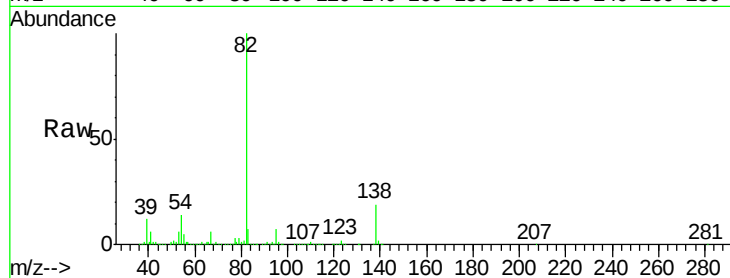
138 19.1 13.0 19.4

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#26

2-Nitrophenol

Concen: 38.54 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

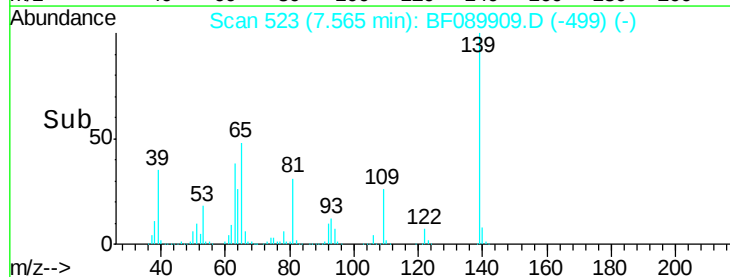
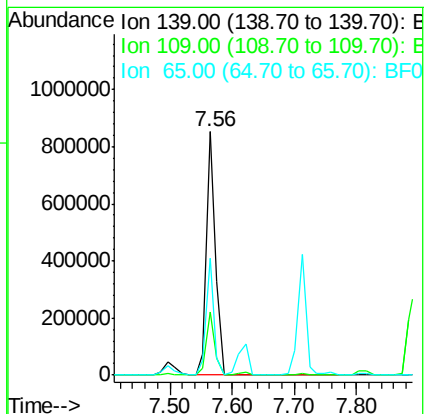
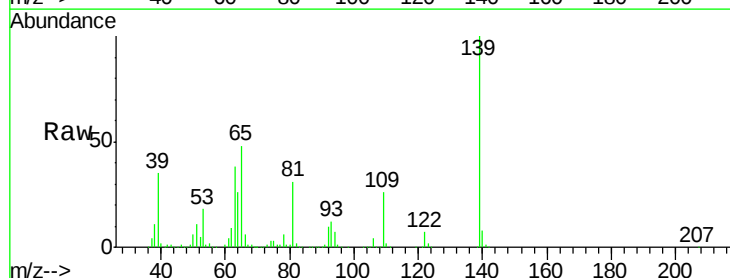
Tgt Ion: 139 Resp: 869669

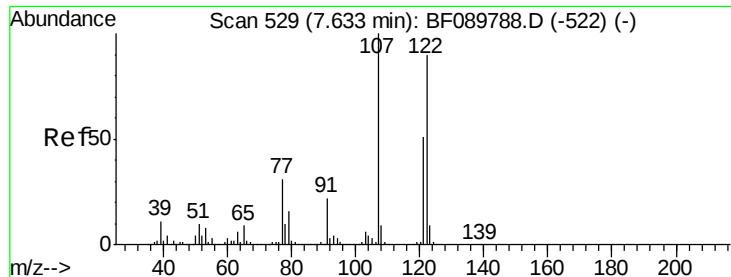
Ion Ratio Lower Upper

139 100

109 25.9 19.5 29.3

65 48.2 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 41.18 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

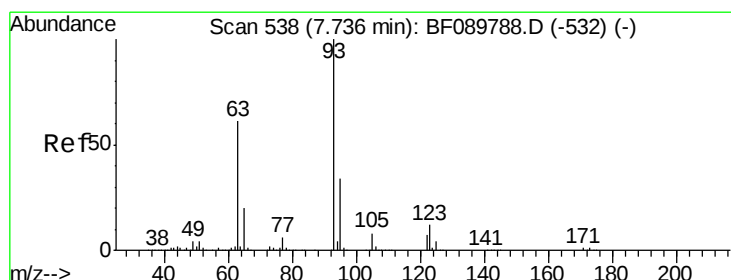
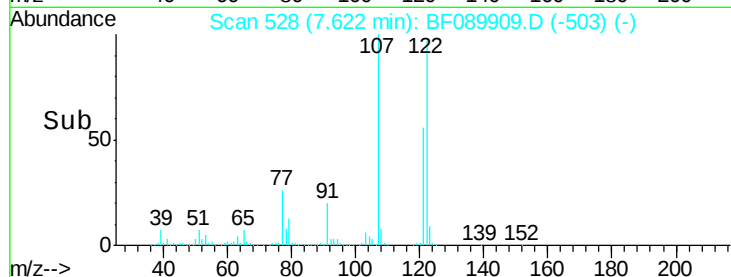
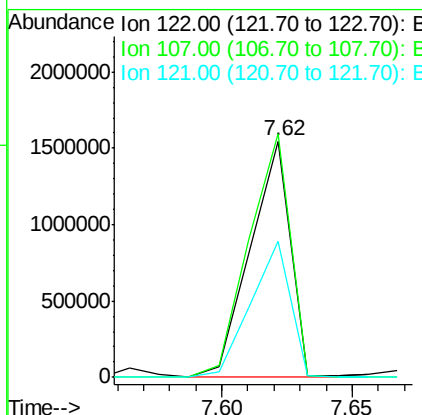
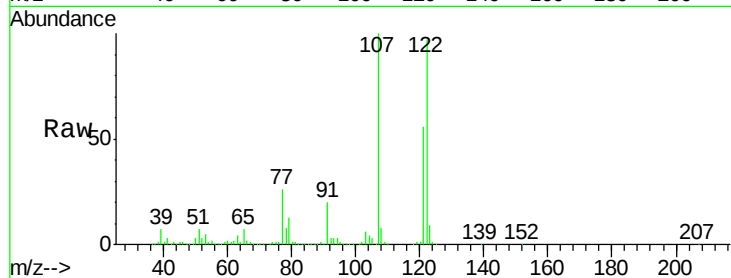
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.1	84.8	127.2
121	57.7	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 35.59 ng

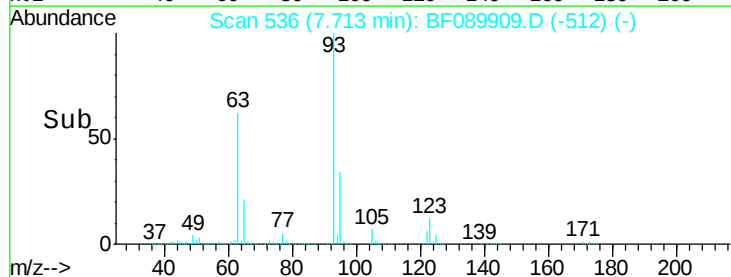
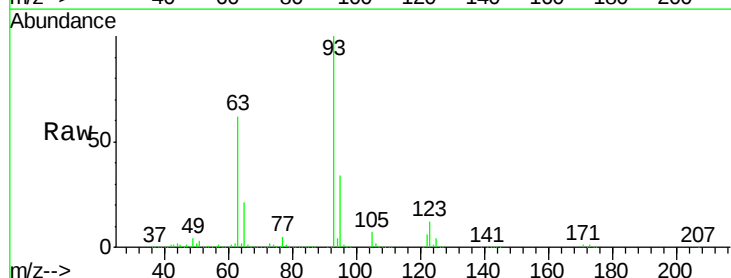
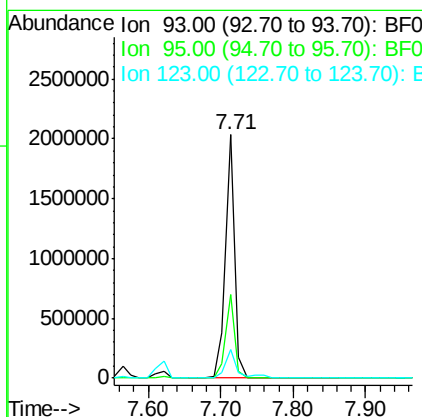
RT: 7.71 min Scan# 536

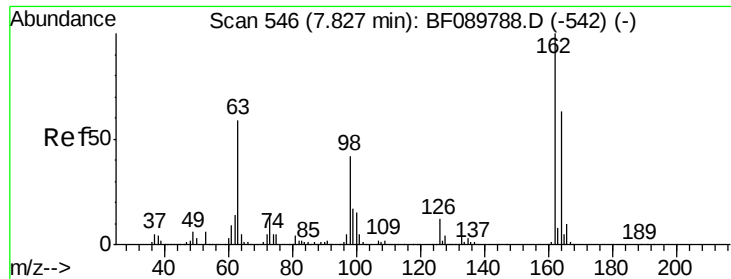
Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.5	38.3
123	11.6	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 43.40 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1481059

Ion Ratio Lower Upper

162 100

164 66.2 45.5 85.5

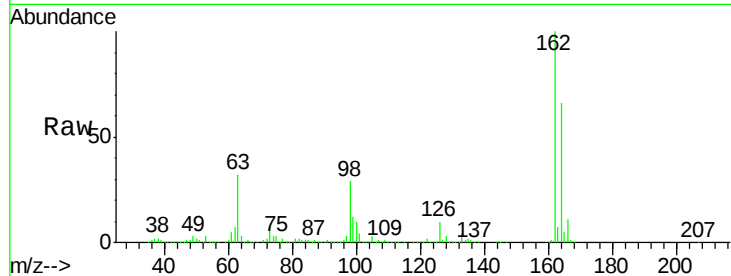
98 29.1 12.4 52.4

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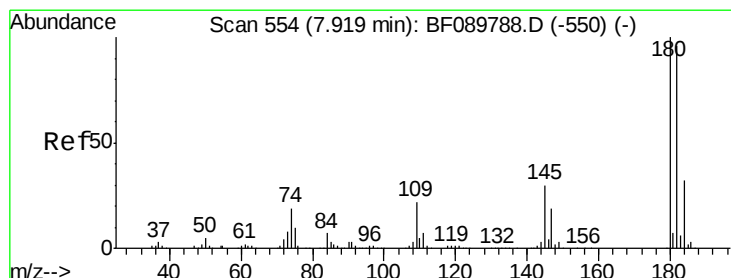
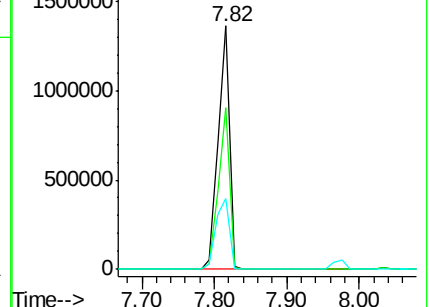
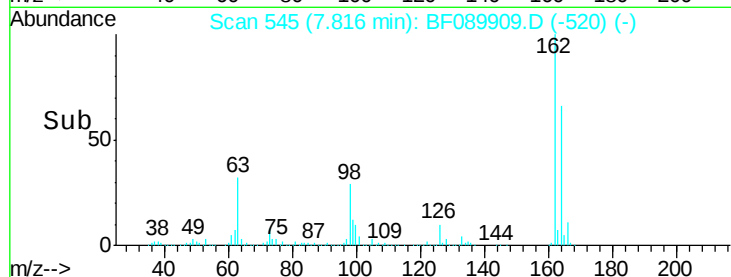
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.85 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

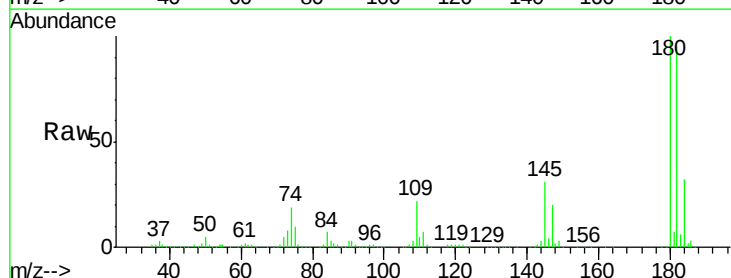
Tgt Ion:180 Resp: 1504290

Ion Ratio Lower Upper

180 100

182 95.0 75.5 113.3

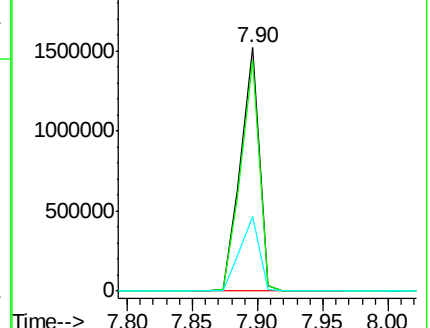
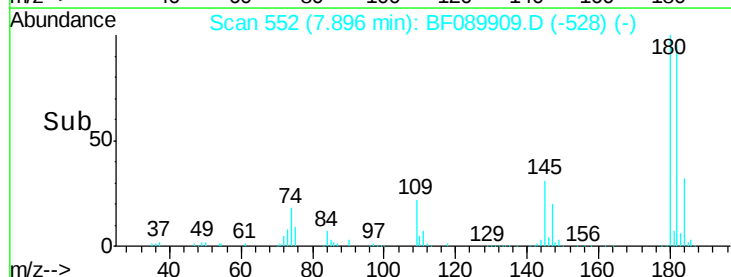
145 30.9 28.7 43.1

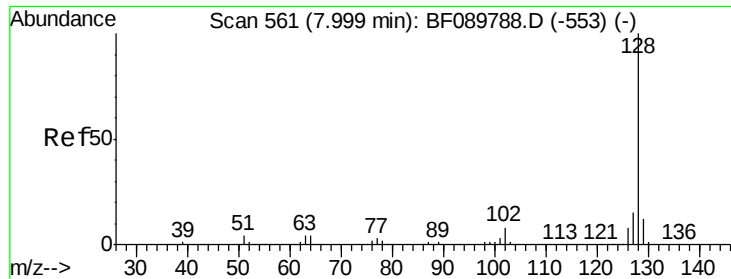


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





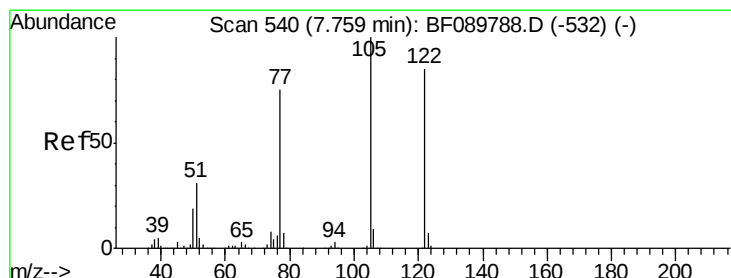
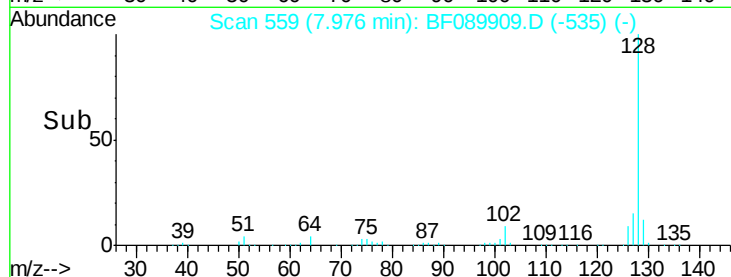
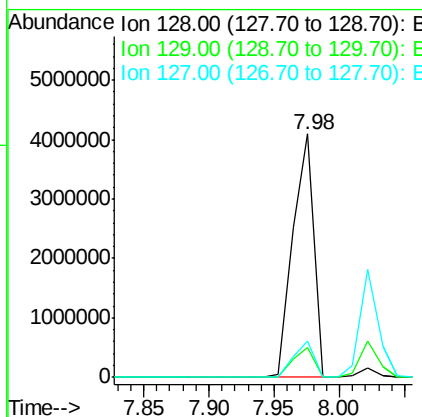
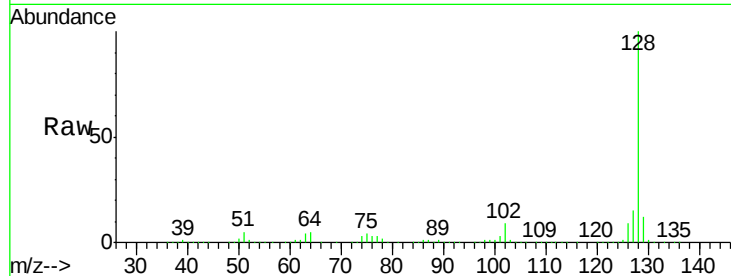
#31
Naphthalene
Concen: 39.20 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion:128 Resp: 4587641
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 15.0 11.3 16.9

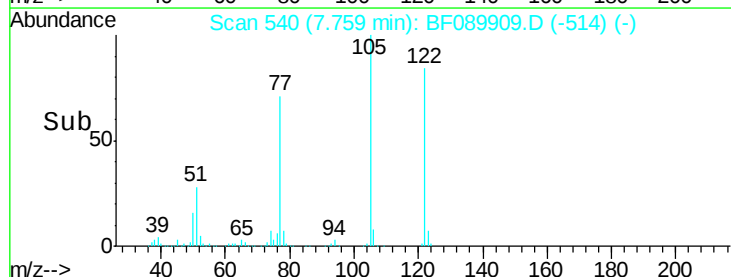
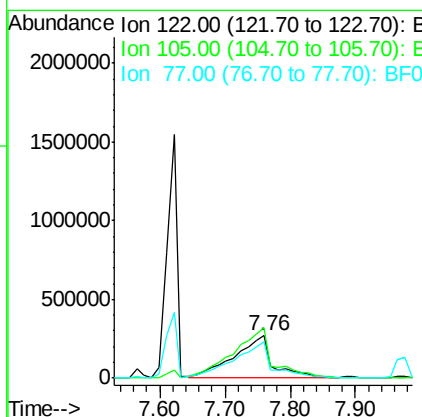
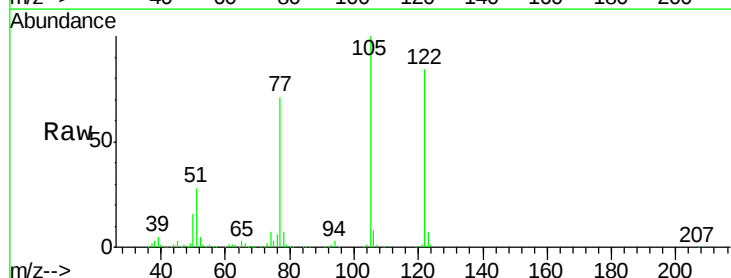
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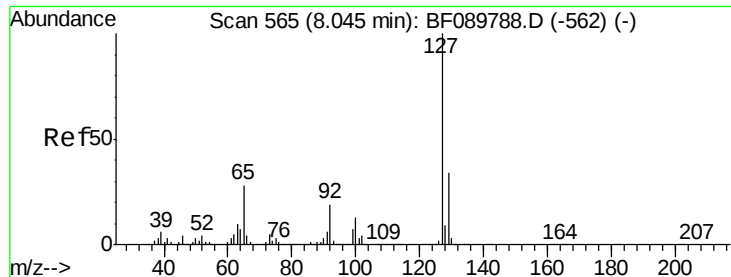
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#32
Benzoic acid
Concen: 34.51 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion:122 Resp: 1093610
Ion Ratio Lower Upper
122 100
105 118.6 100.8 140.8
77 84.0 72.1 112.1





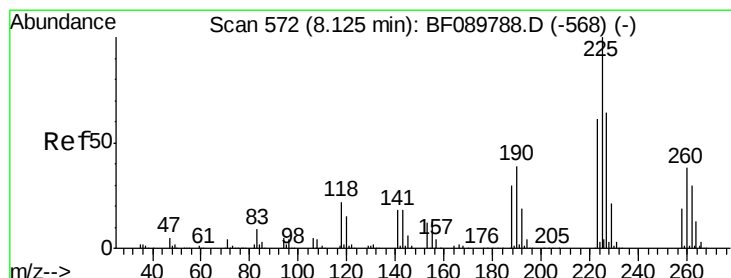
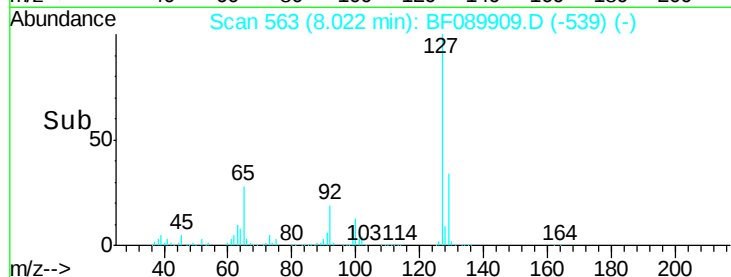
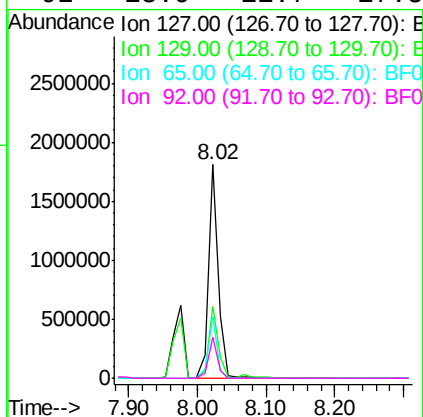
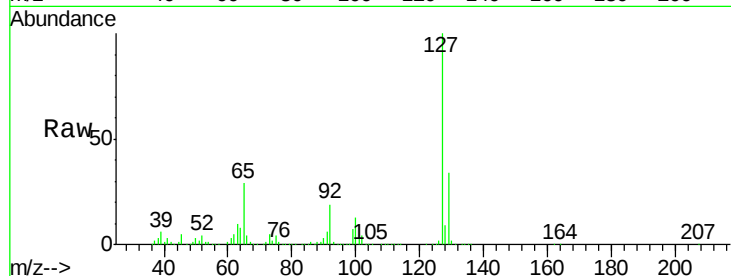
#33
4-Chloroaniline
Concen: 34.92 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.0	40.6
65	28.8	14.7	22.1#
92	18.9	11.7	17.5#

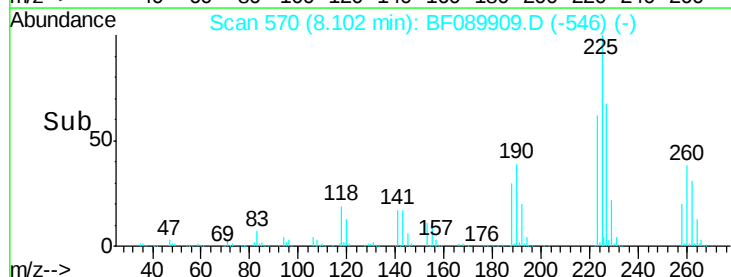
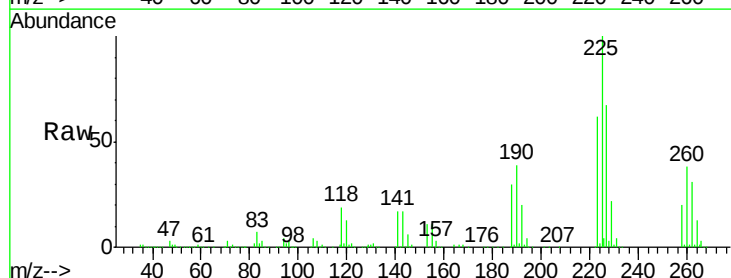
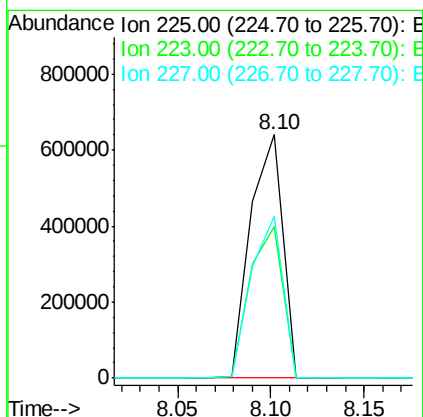
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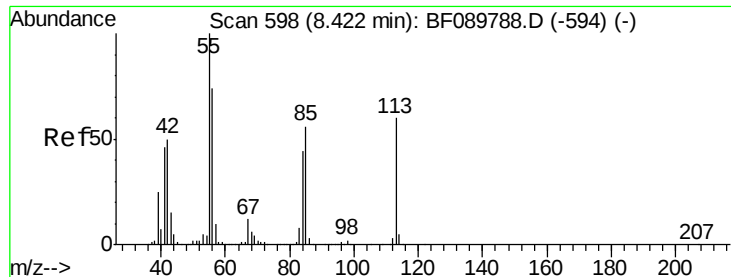
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#34
Hexachlorobutadiene
Concen: 38.68 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	66.6	49.8	74.6





#35

Caprolactam

Concen: 43.96 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 456866
Ion Ratio Lower Upper

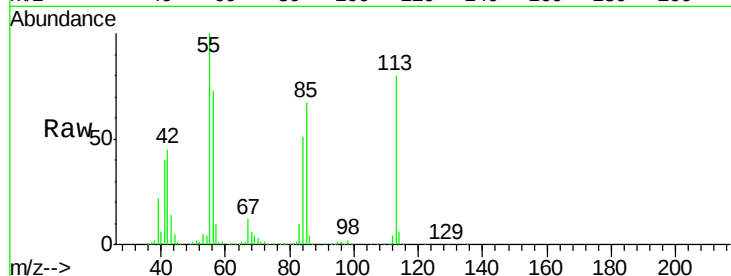
113 100

55 124.4 135.9 175.9#

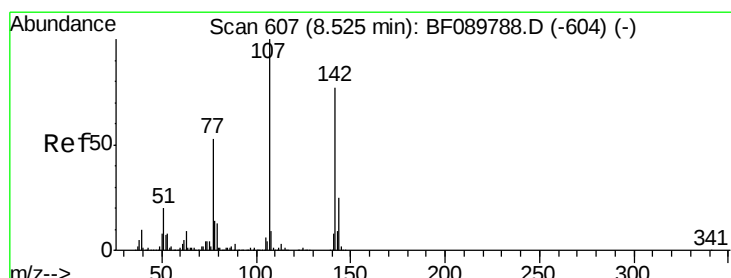
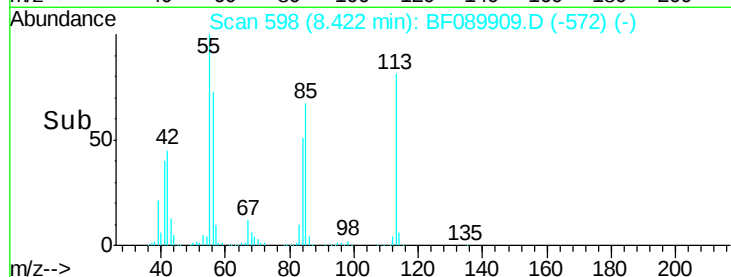
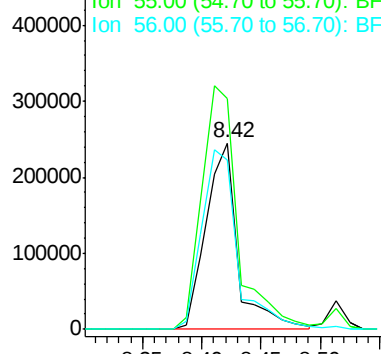
56 90.9 93.9 133.9#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.61 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF089909.D

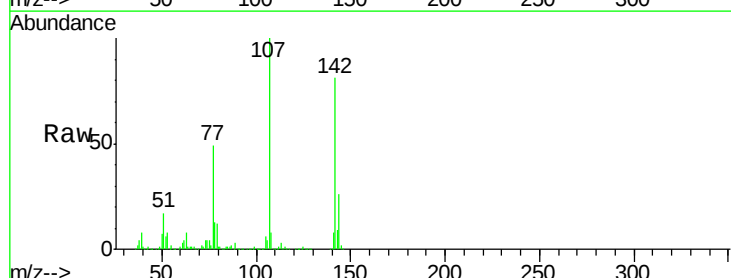
Acq: 25 Aug 2016 11:28

Tgt Ion:107 Resp: 1279210
Ion Ratio Lower Upper

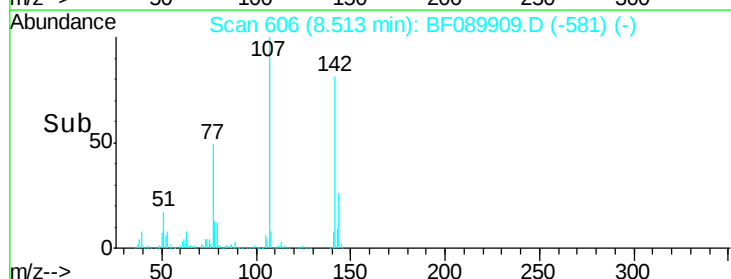
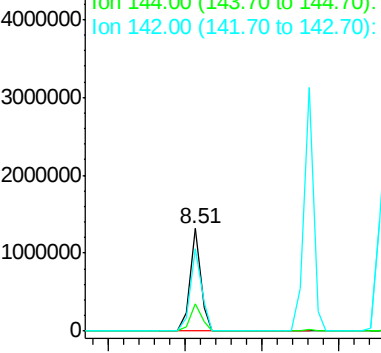
107 100

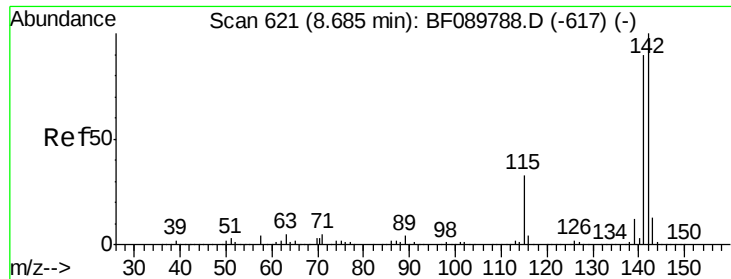
144 26.2 22.6 34.0

142 80.9 69.3 103.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





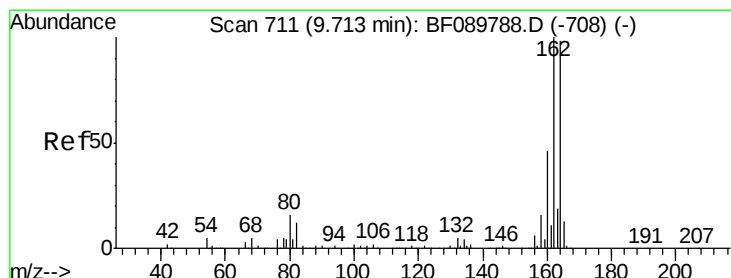
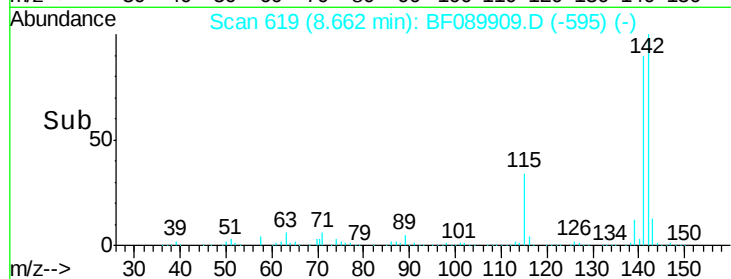
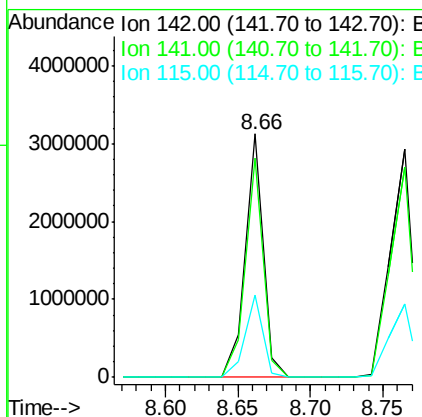
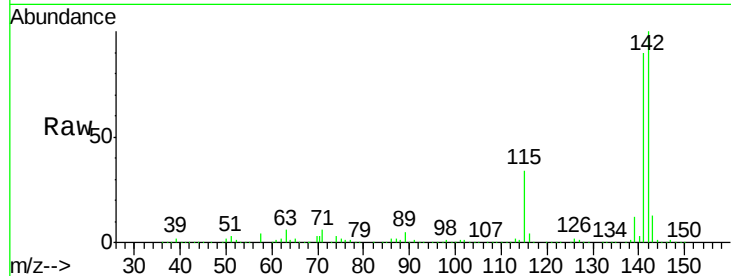
#37
 2-Methylnaphthalene
 Concen: 35.56 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 2692488
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.4 107.2
 115 33.9 22.7 34.1

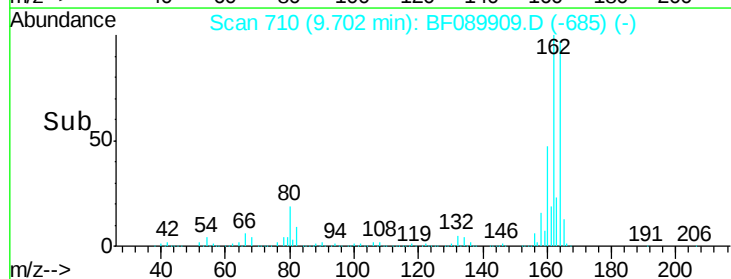
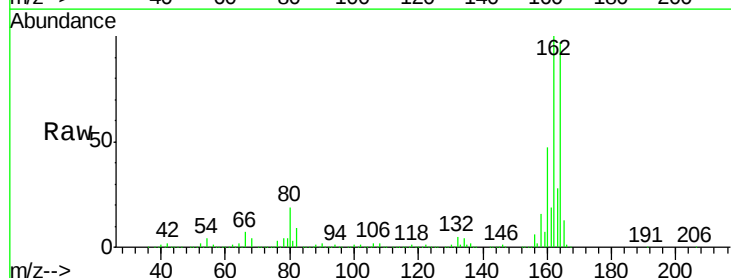
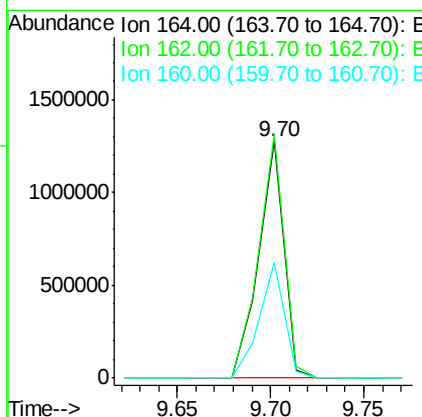
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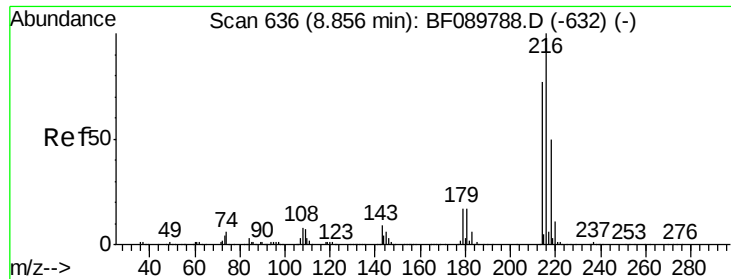
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion:164 Resp: 1196528
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.2
 160 48.7 37.8 56.6





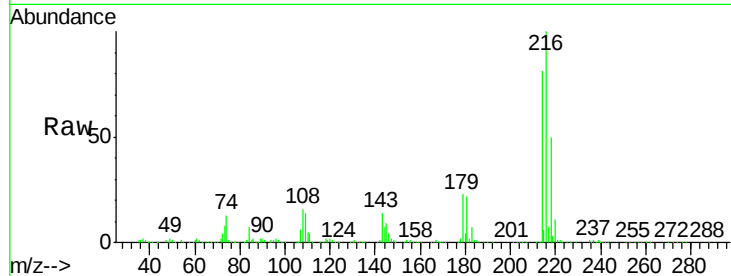
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.33 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

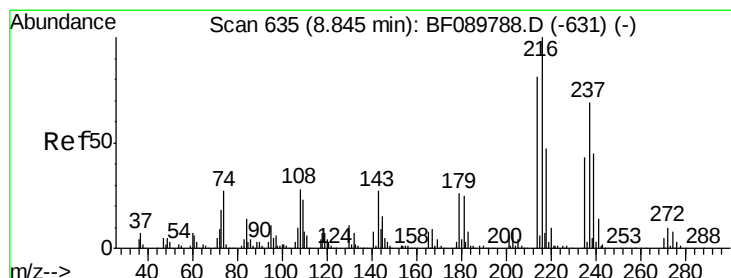
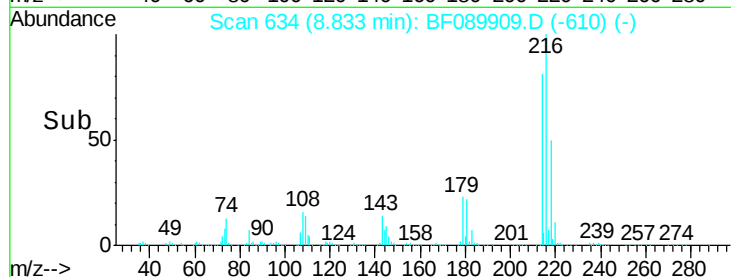
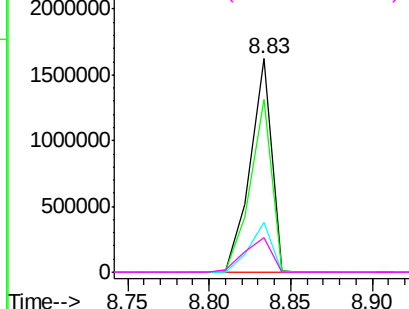
Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.1	63.5	95.3
179	23.9	19.9	29.9
108	20.2	19.9	29.9

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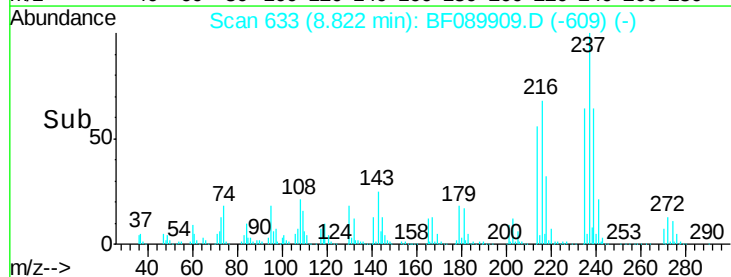
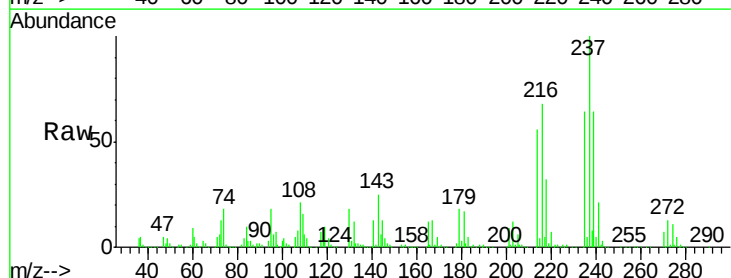
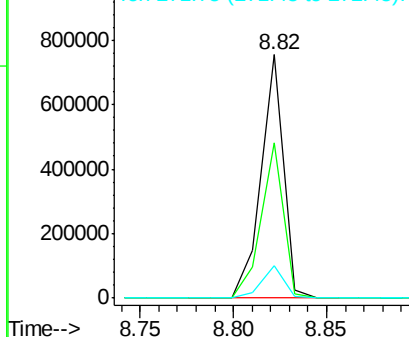
Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

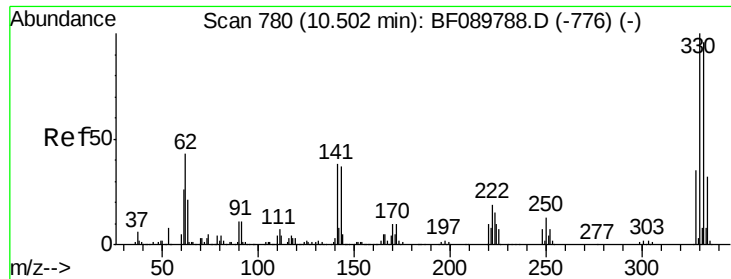


#40
Hexachlorocyclopentadiene
Concen: 47.36 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.7	83.7
272	13.2	0.0	31.6

Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





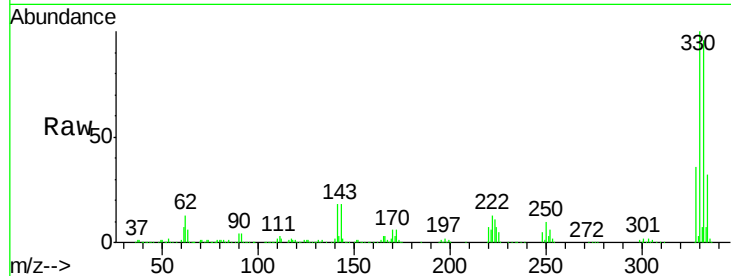
#41
 2,4,6-Tribromophenol
 Concen: 82.20 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

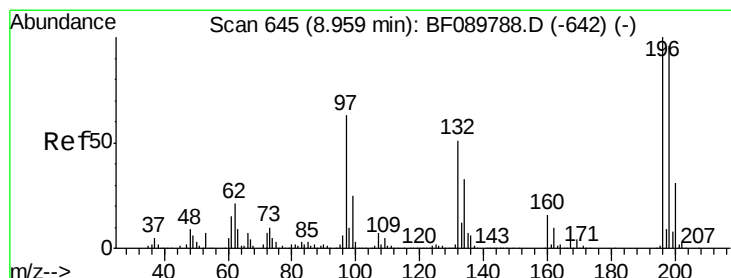
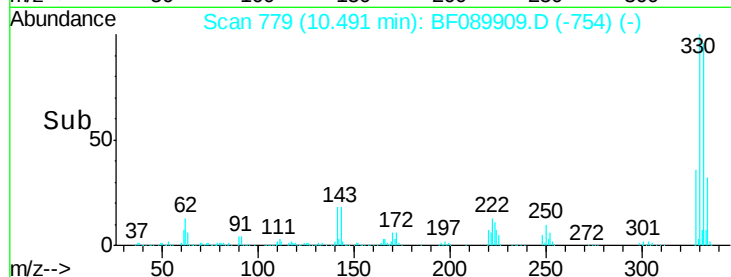
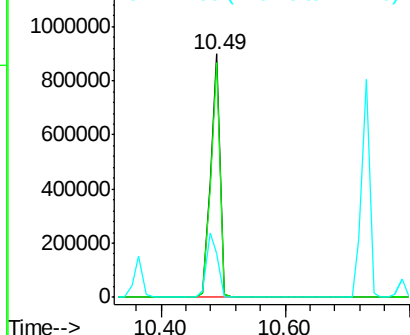
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	934761		
332	96.0	76.7	115.1	
141	31.4	30.2	45.2	

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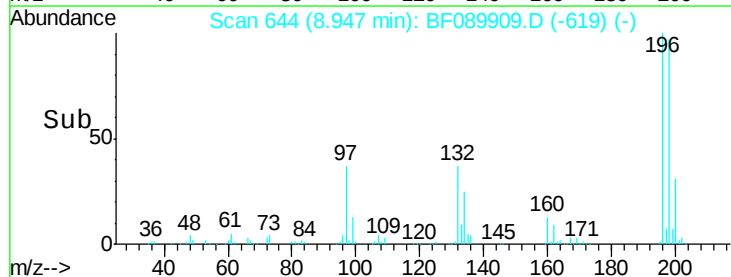
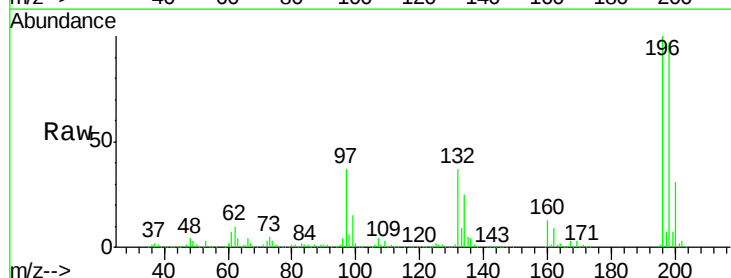
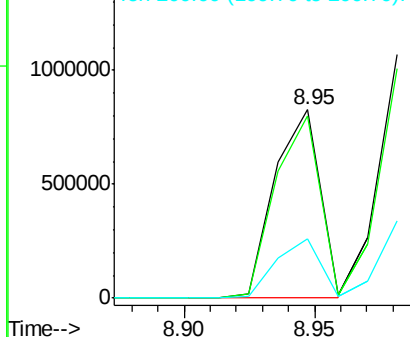
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

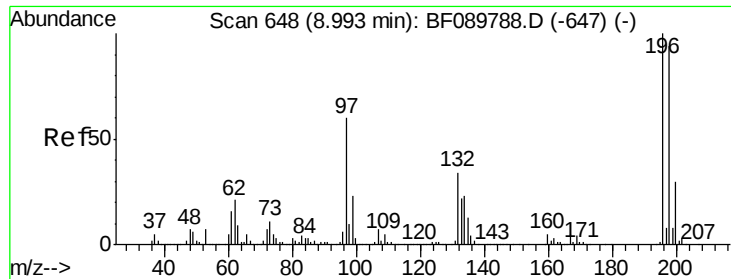


#42
 2,4,6-Trichlorophenol
 Concen: 41.02 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1000013		
198	96.6	76.3	114.5	
200	31.5	24.6	36.8	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





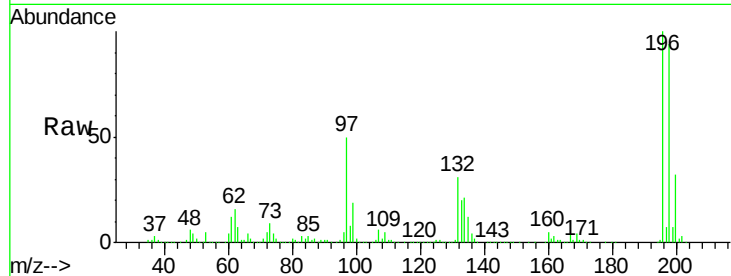
#43
 2,4,5-Trichlorophenol
 Concen: 40.34 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	977980		
198	94.5	76.6	114.8	
97	49.9	35.8	53.8	
132	31.4	23.5	35.3	

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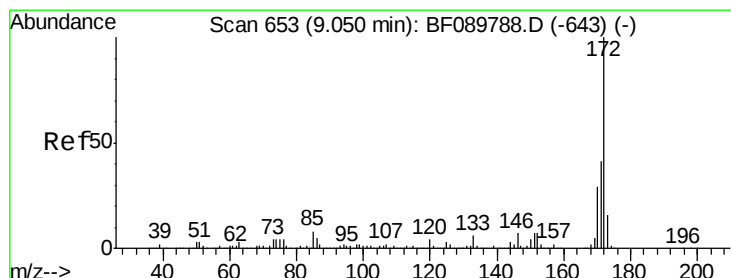
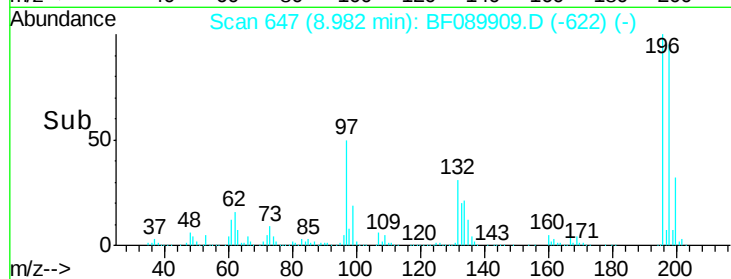
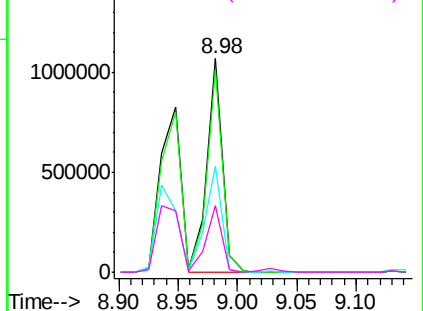
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

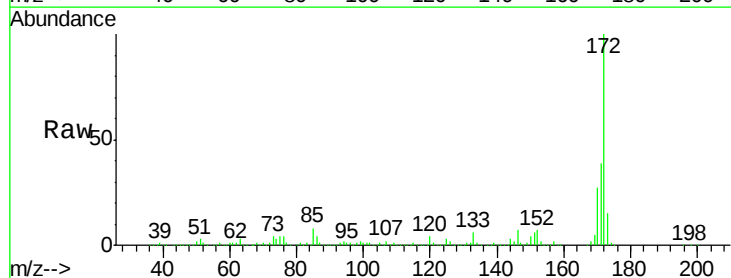
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.85 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4891736		
171	38.8	30.5	45.7	
170	26.7	20.6	31.0	

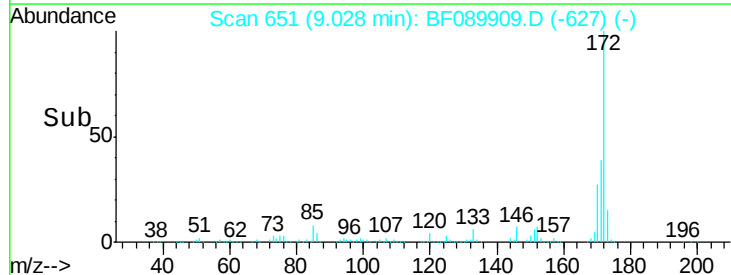
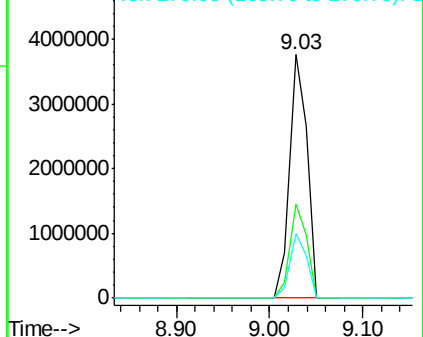


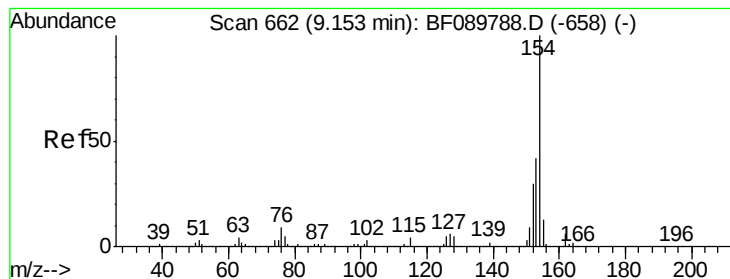
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.30 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 3268828

Ion Ratio Lower Upper

154 100

153 44.0 21.5 61.5

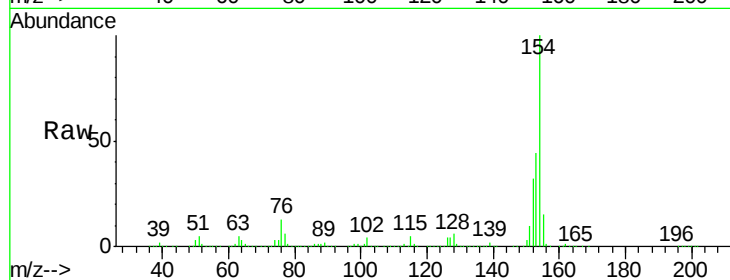
76 13.4 0.0 36.7

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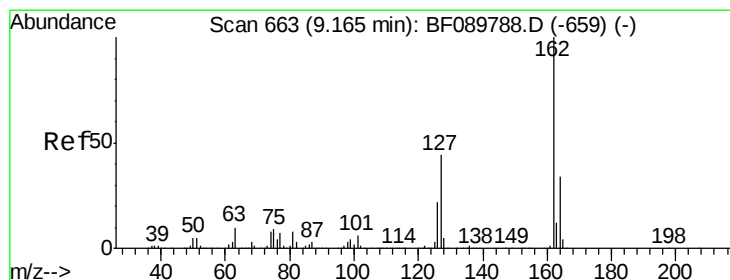
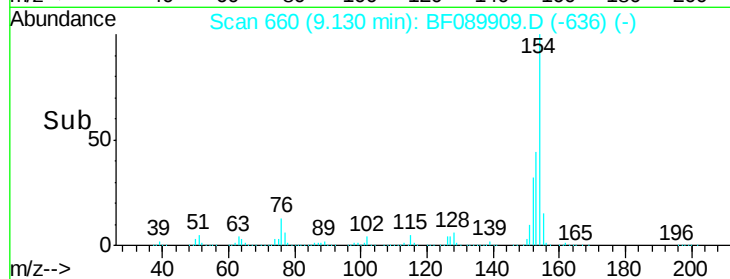
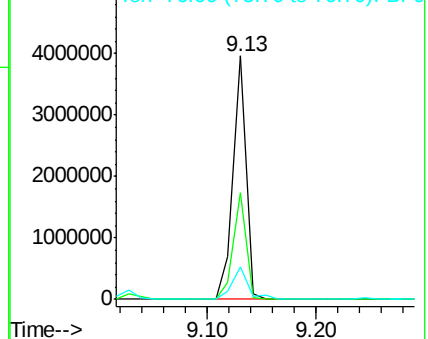
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 40.80 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

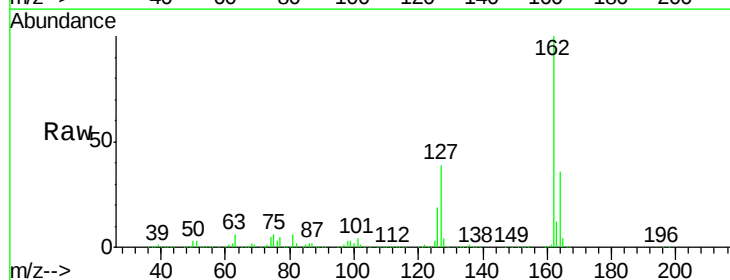
Tgt Ion:162 Resp: 2986522

Ion Ratio Lower Upper

162 100

127 39.4 35.5 53.3

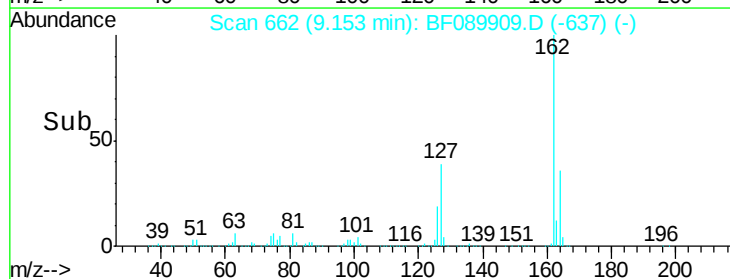
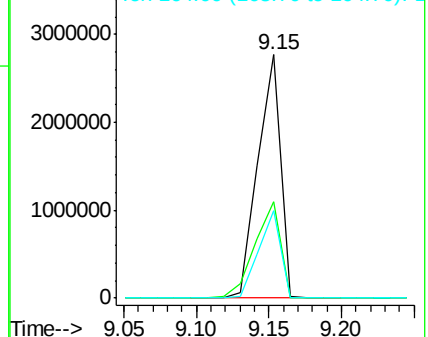
164 35.8 26.6 40.0

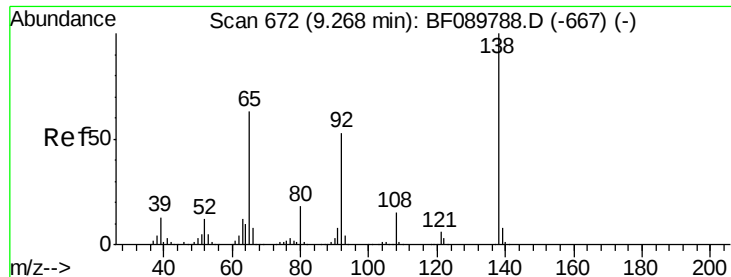


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.79 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 65 Resp: 747245
Ion Ratio Lower Upper

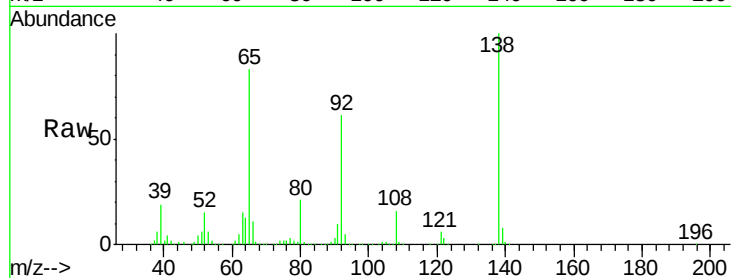
65 100

92 73.8 56.3 84.5

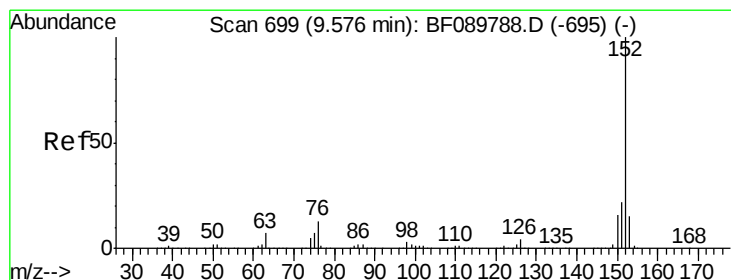
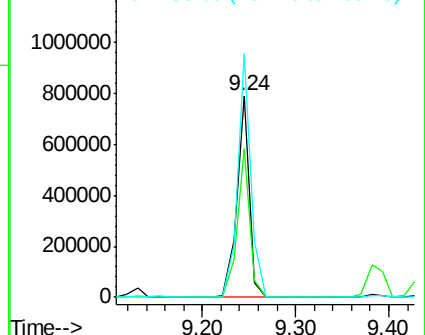
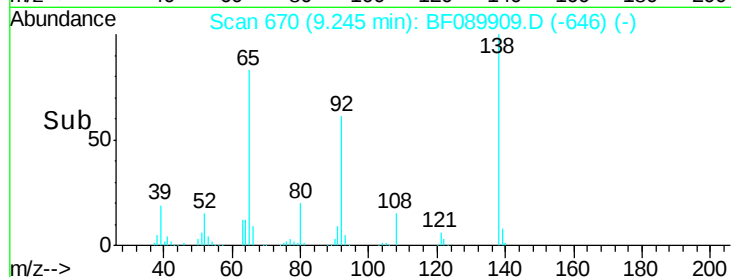
138 120.6 81.8 122.8

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.81 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089909.D

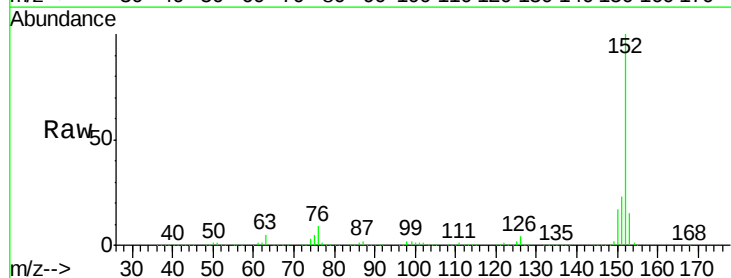
Acq: 25 Aug 2016 11:28

Tgt Ion: 152 Resp: 4488740
Ion Ratio Lower Upper

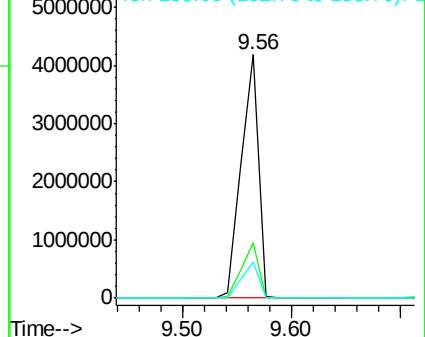
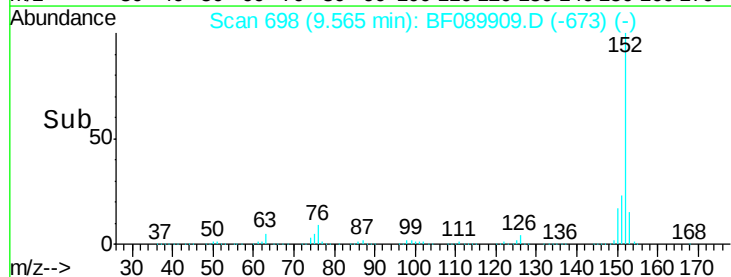
152 100

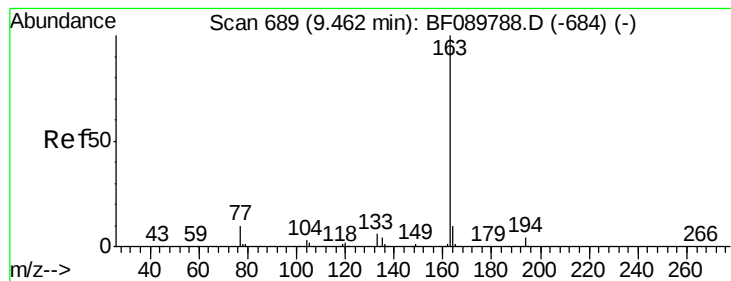
151 22.8 17.1 25.7

153 14.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 34.18 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:163 Resp: 2879570

Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

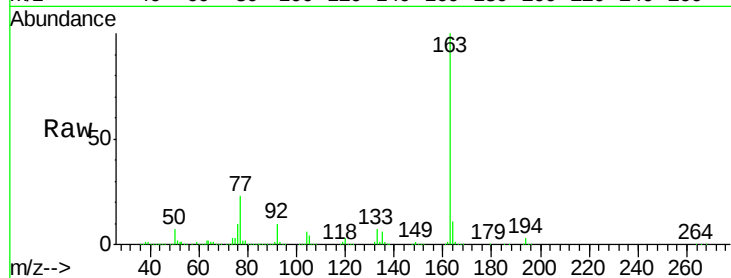
164 11.3 8.6 12.8

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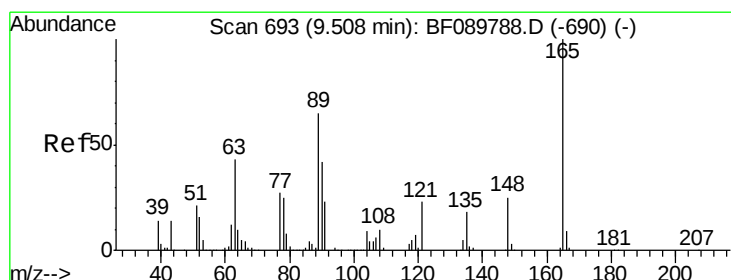
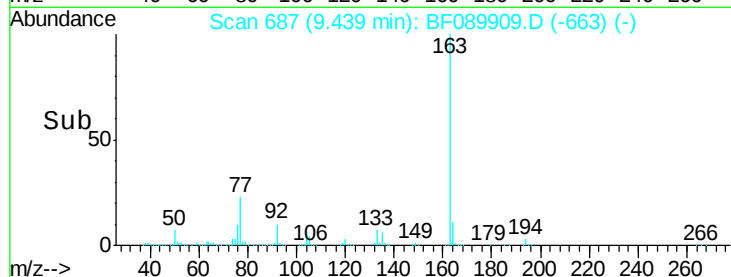
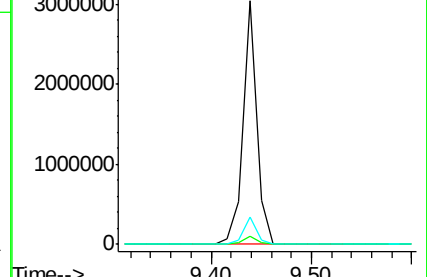
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.19 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:165 Resp: 820626

Ion Ratio Lower Upper

165 100

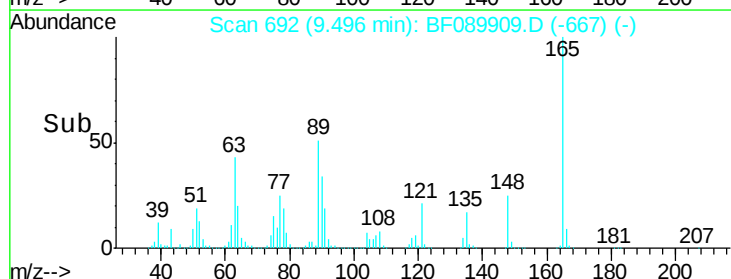
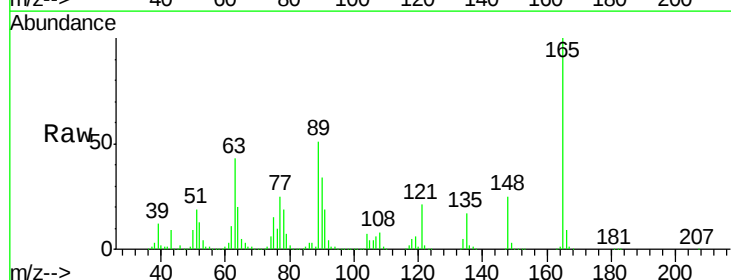
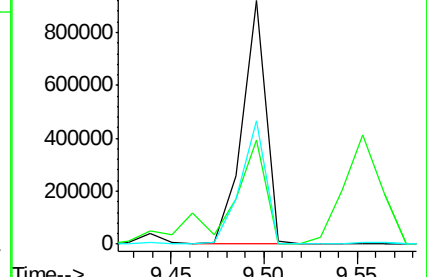
63 42.9 41.7 62.5

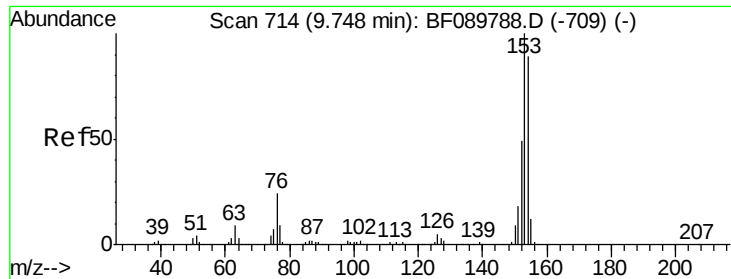
89 50.6 44.6 67.0

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





#51

Acenaphthene

Concen: 39.59 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 2882052

Ion Ratio Lower Upper

154 100

153 110.9 90.5 135.7

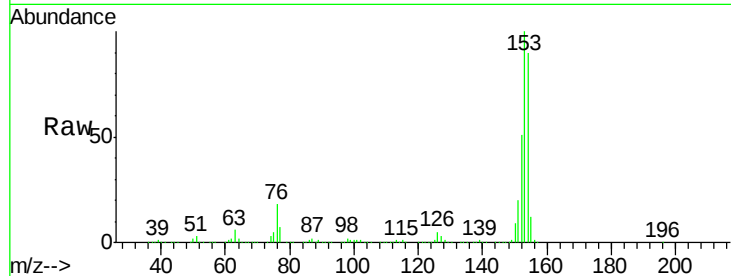
152 57.0 44.6 67.0

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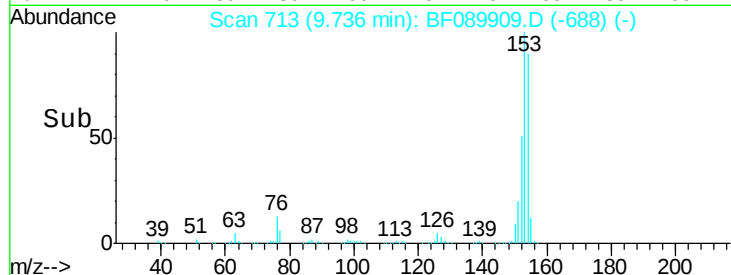


Abundance Ion 154.00 (153.70 to 154.70): E

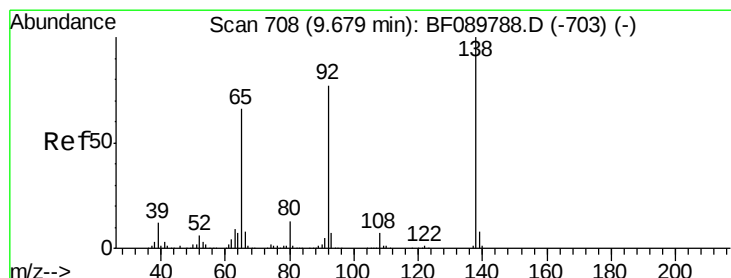
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#52

3-Nitroaniline

Concen: 39.35 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

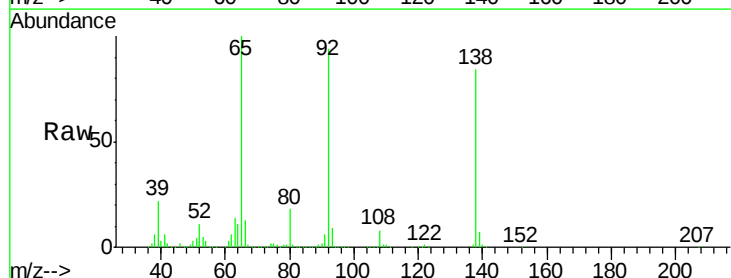
Tgt Ion:138 Resp: 848046

Ion Ratio Lower Upper

138 100

108 9.8 8.1 12.1

92 111.7 92.7 139.1

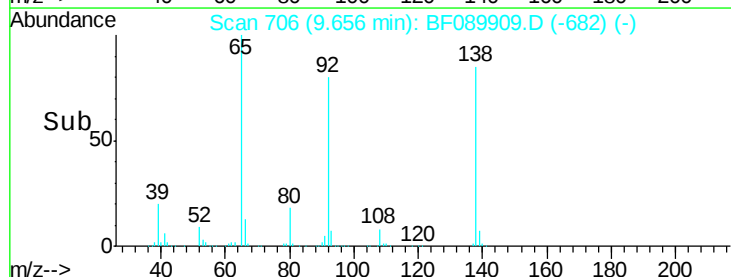


Abundance Ion 138.00 (137.70 to 138.70): E

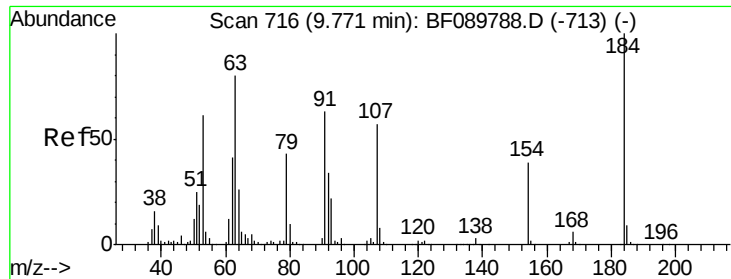
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->



Time-->



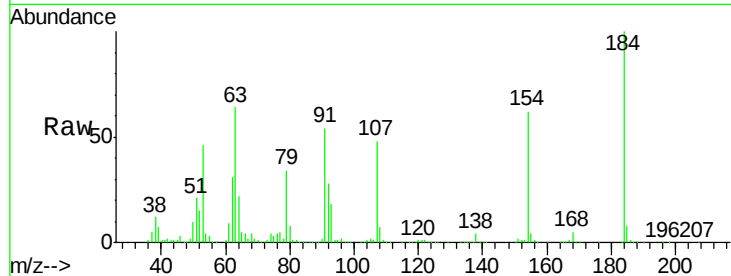
#53
2,4-Dinitrophenol
Concen: 39.78 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

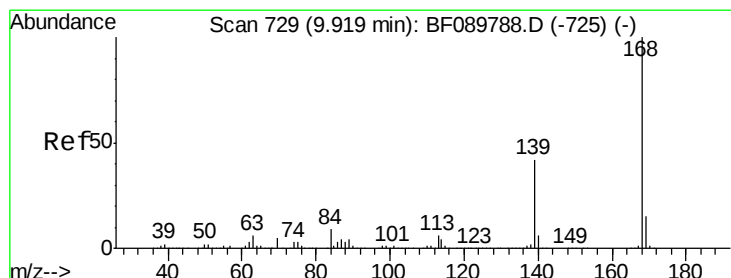
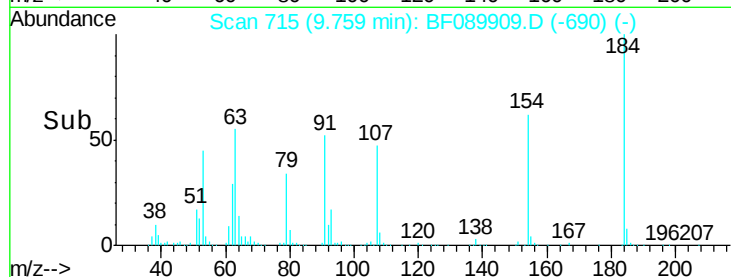
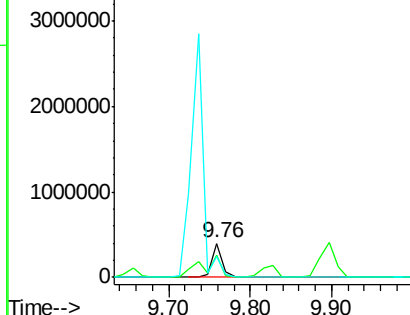
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	350563		
63	64.2	54.2	81.4	
154	61.9	52.7	79.1	

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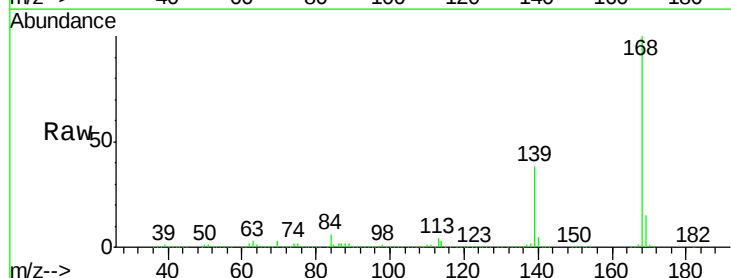


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

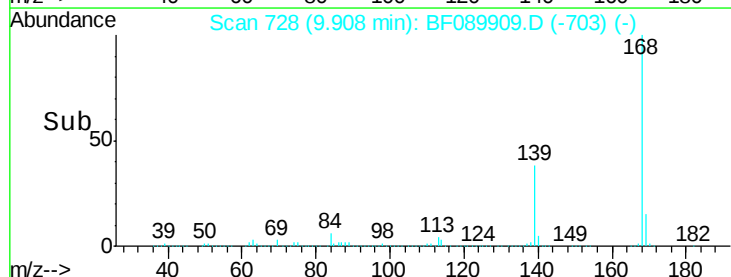
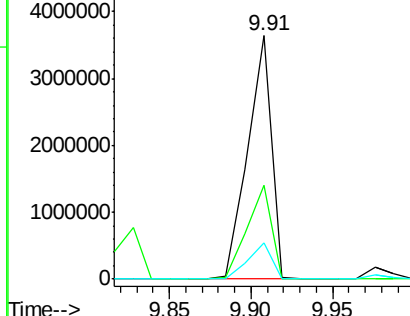


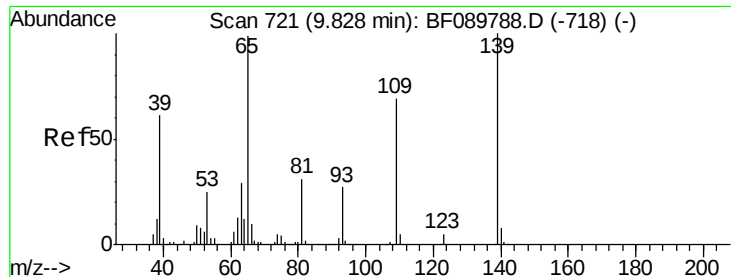
#54
Dibenzofuran
Concen: 40.08 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3664944		
139	38.5	34.6	52.0	
169	14.7	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: 48.50 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

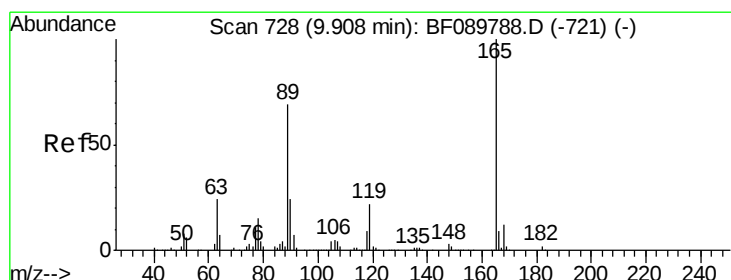
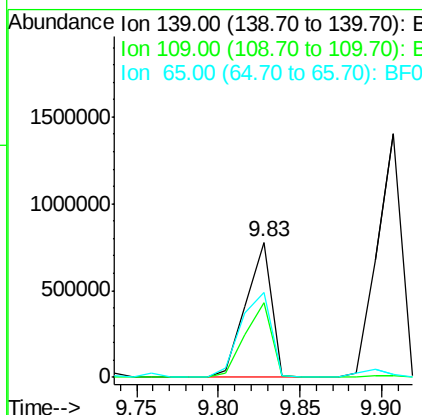
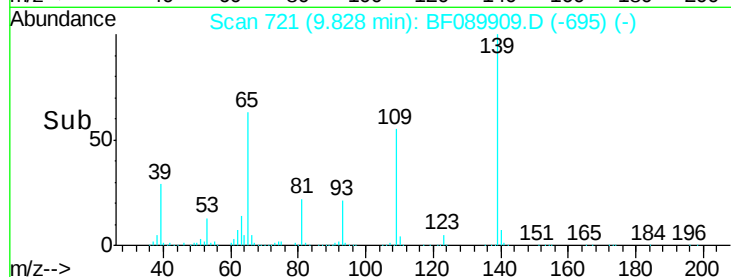
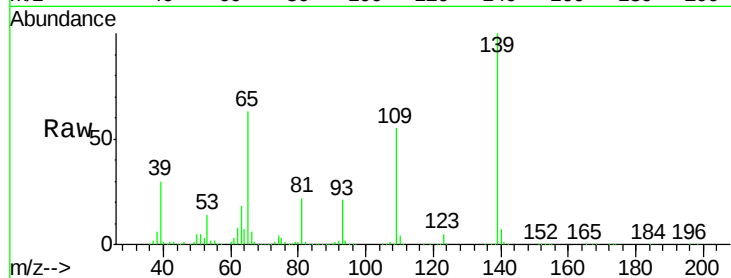
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	853091
Ion Ratio	Lower	Upper	
139	100		
109	55.4	43.0	83.0
65	62.8	55.7	95.7

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#56

2,4-Dinitrotoluene

Concen: 41.65 ng

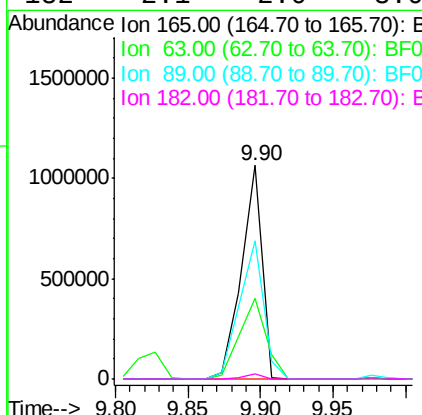
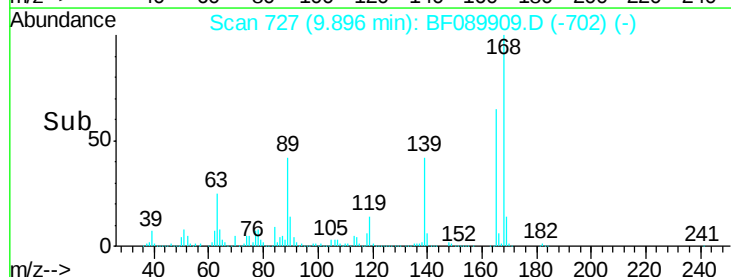
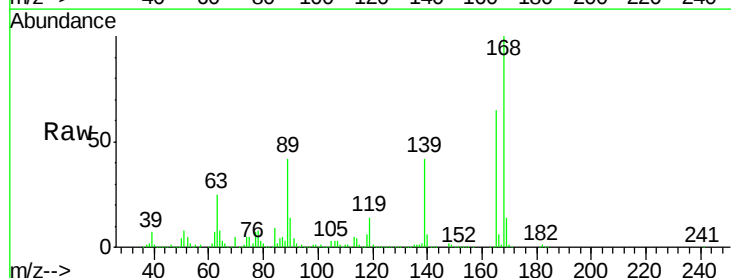
RT: 9.90 min Scan# 727

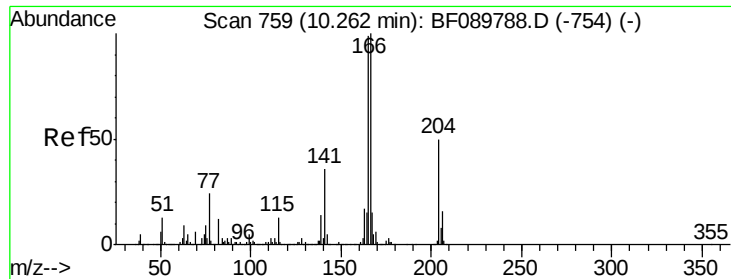
Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	165	Resp:	1051182
Ion Ratio	Lower	Upper	
165	100		
63	37.9	23.7	35.5#
89	64.8	44.0	66.0
182	2.1	2.0	3.0





#57

Fluorene

Concen: 39.79 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 2899495

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

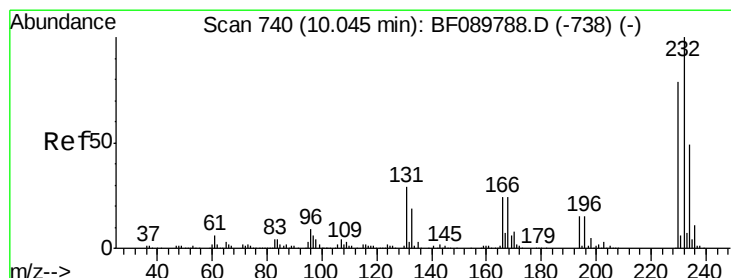
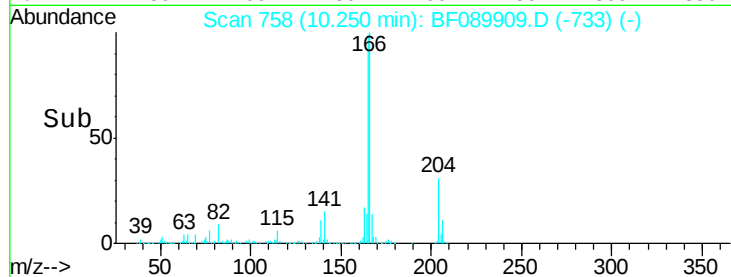
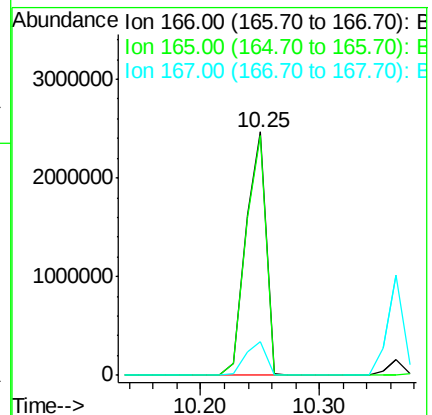
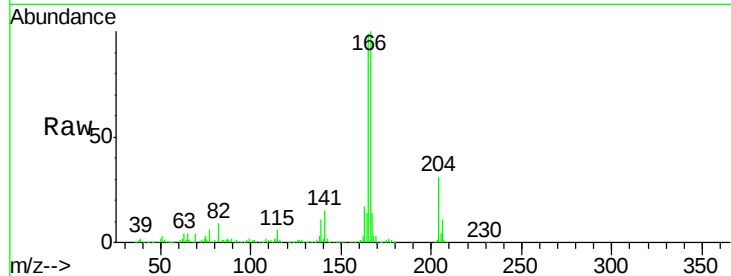
167 14.1 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.55 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:232 Resp: 662511

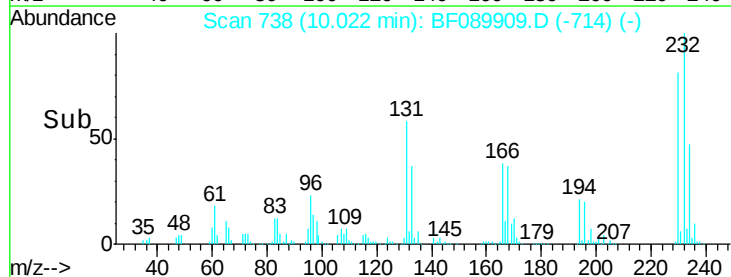
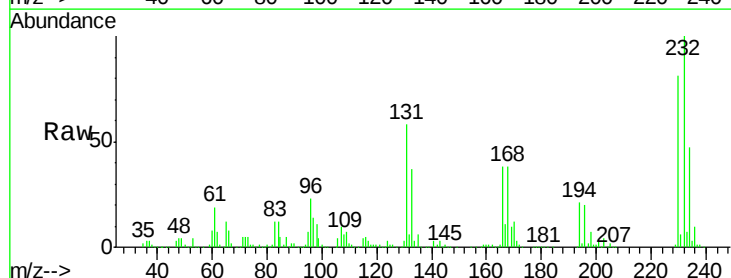
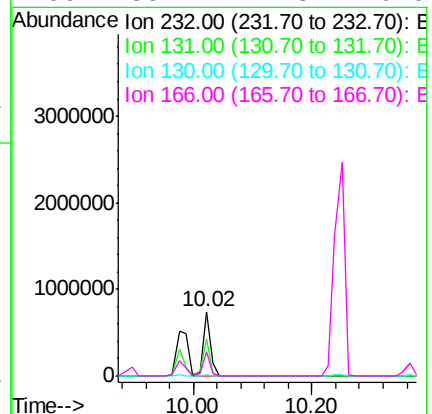
Ion Ratio Lower Upper

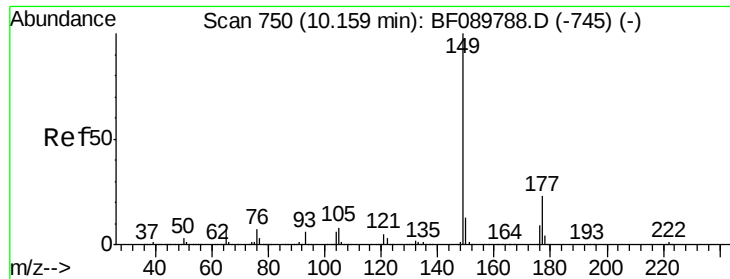
232 100

131 53.9 42.5 63.7

130 2.5 2.2 3.4

166 35.1 27.3 40.9





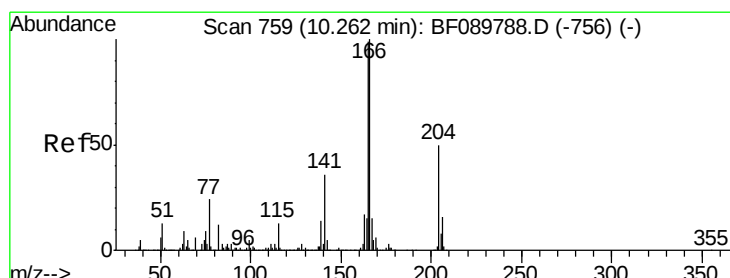
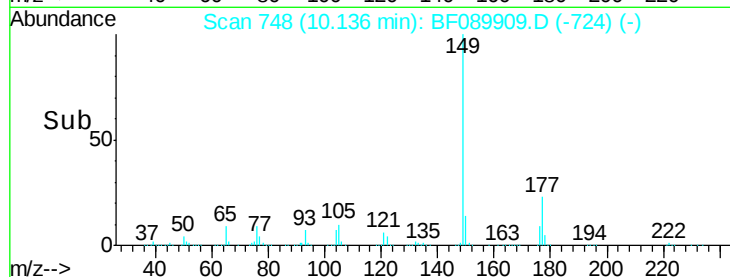
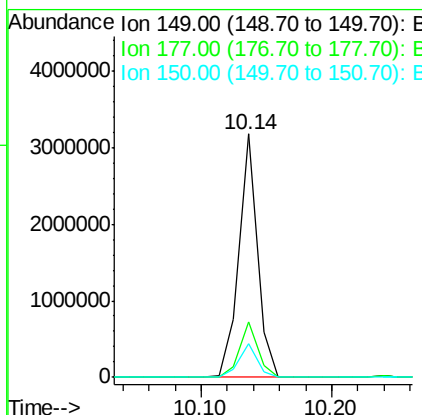
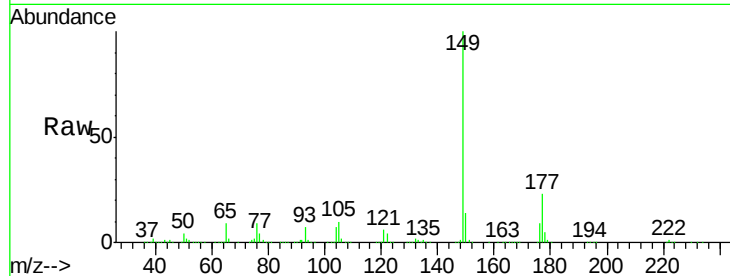
#59
Diethylphthalate
Concen: 36.55 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.6	25.0
150	14.0	10.5	15.7

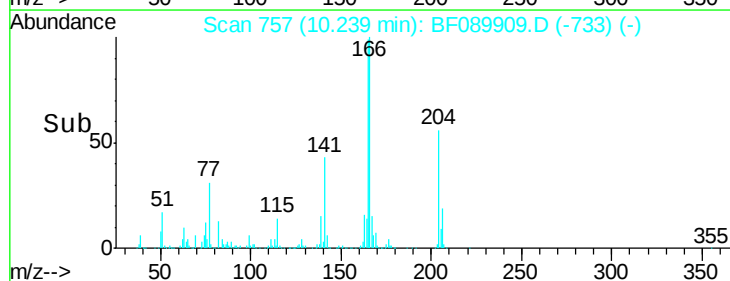
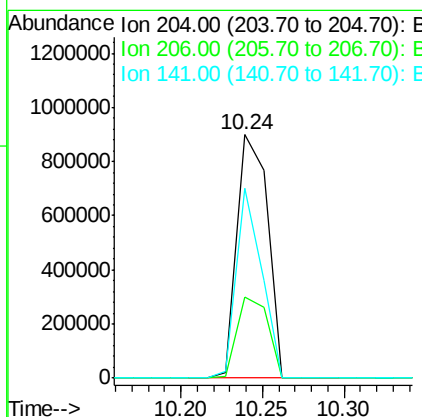
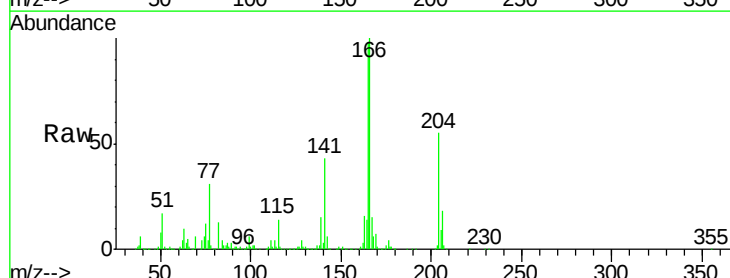
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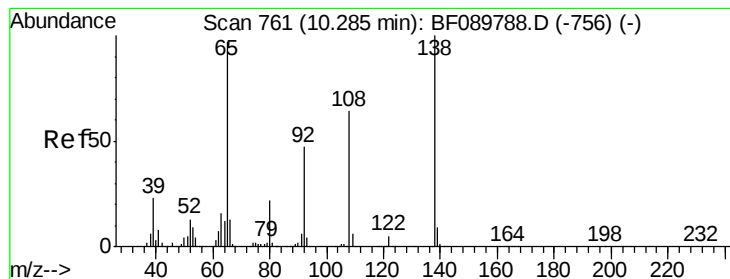
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#60
4-Chlorophenyl-phenylether
Concen: 34.91 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	77.9	54.1	81.1





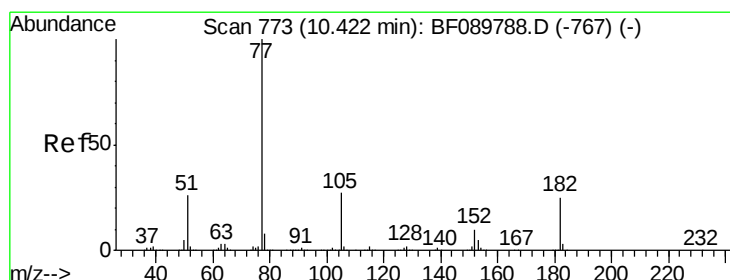
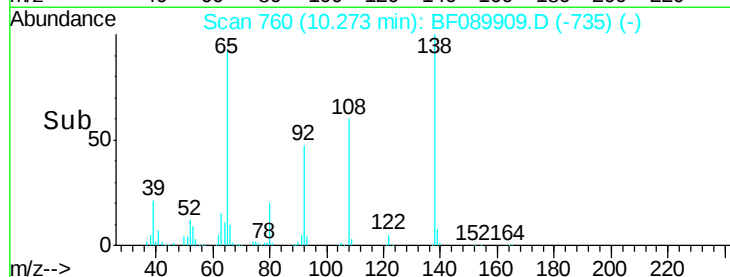
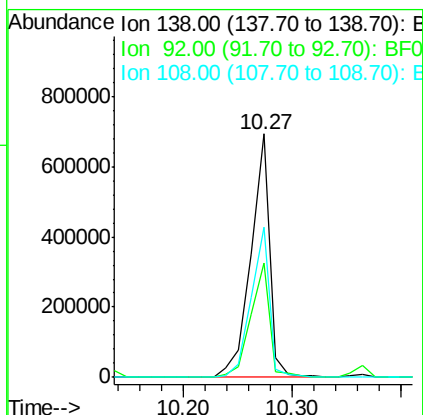
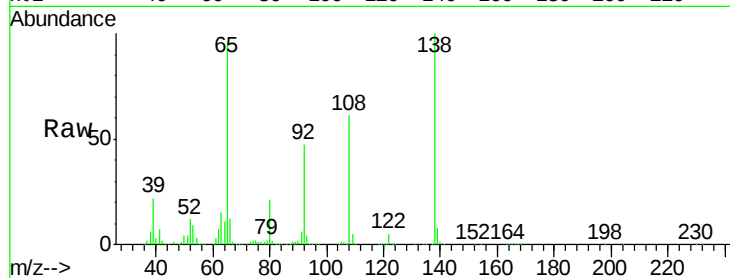
#61
4-Nitroaniline
Concen: 41.75 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	843420		
92	46.7	26.4	66.4	
108	61.4	47.0	87.0	

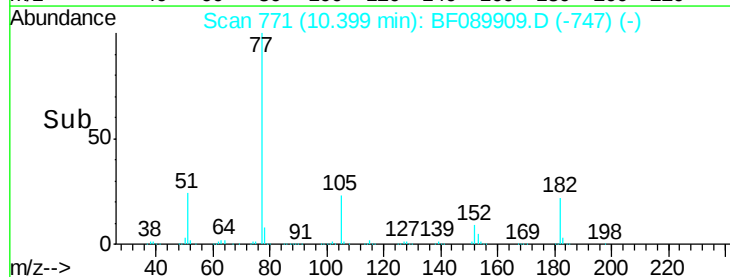
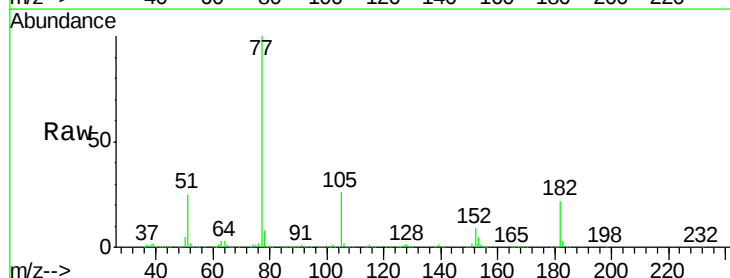
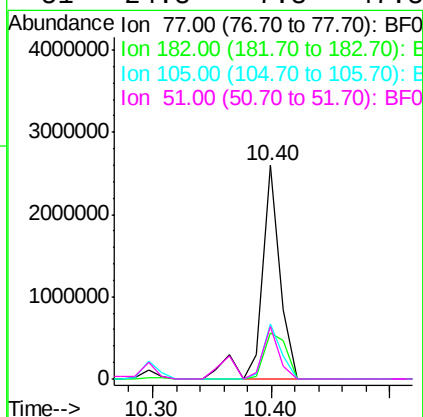
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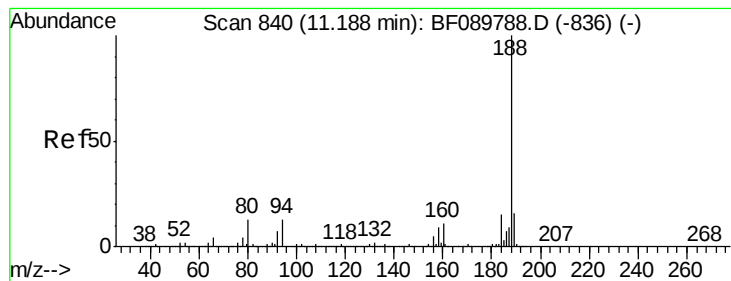
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#62
Azobenzene
Concen: 35.36 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	2844918		
182	21.6	5.6	45.6	
105	25.7	4.0	44.0	
51	24.8	7.8	47.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

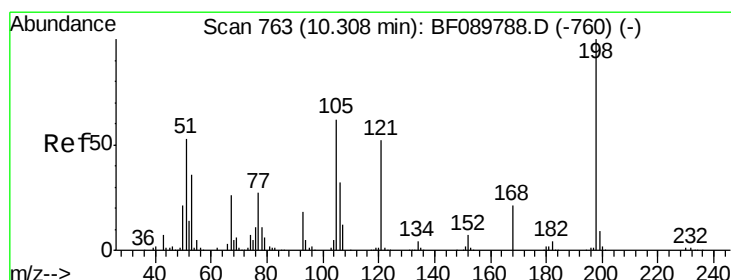
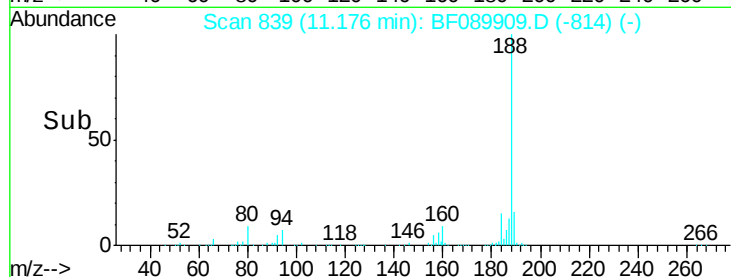
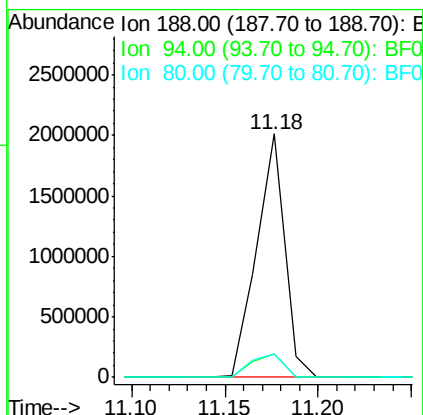
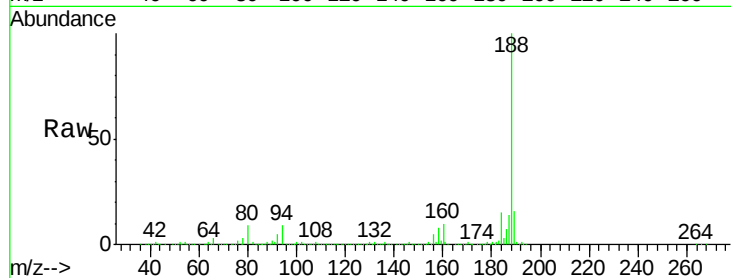
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	2092545
Ion Ratio	Lower	Upper	
188	100		
94	9.5	10.2	15.2#
80	9.4	10.9	16.3#

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.97 ng

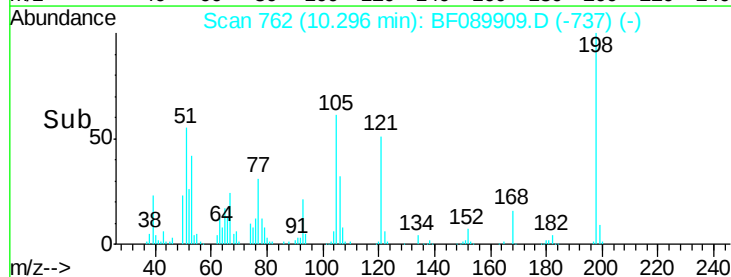
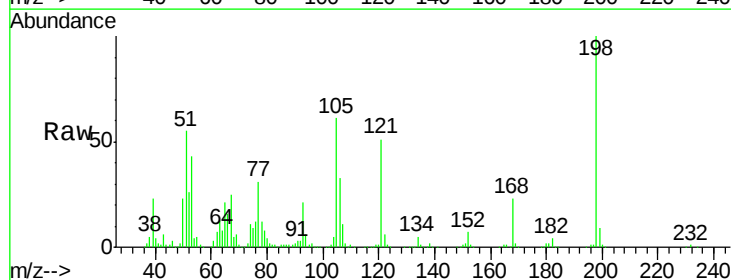
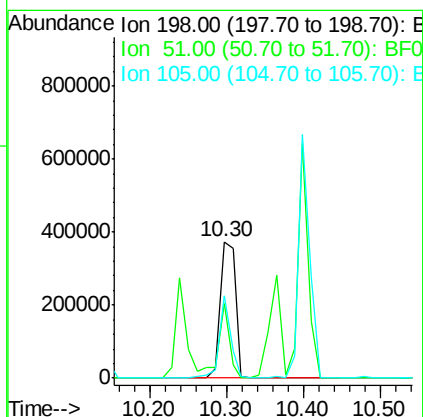
RT: 10.30 min Scan# 762

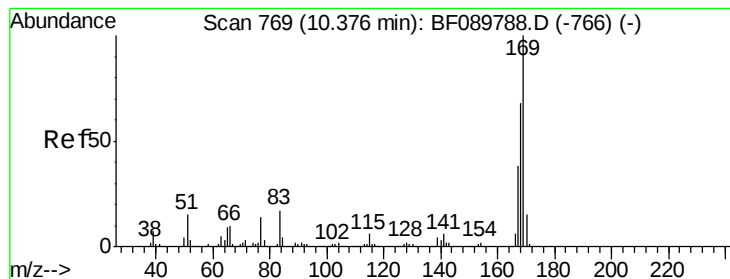
Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Tgt Ion:	198	Resp:	528784
Ion Ratio	Lower	Upper	
198	100		
51	54.5	32.3	72.3
105	60.6	32.9	72.9





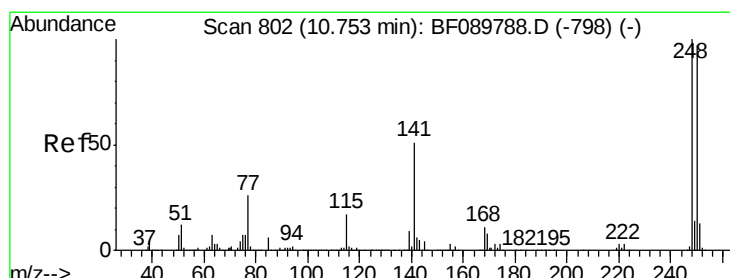
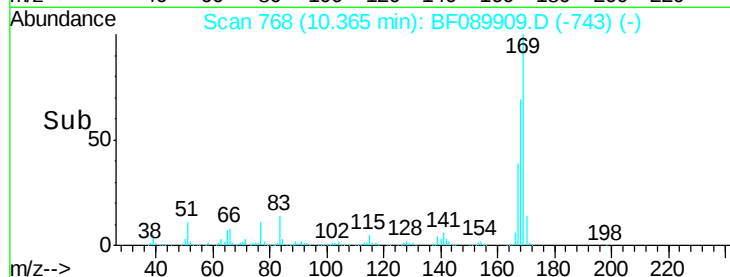
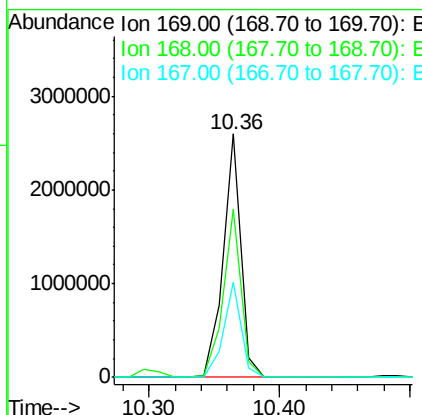
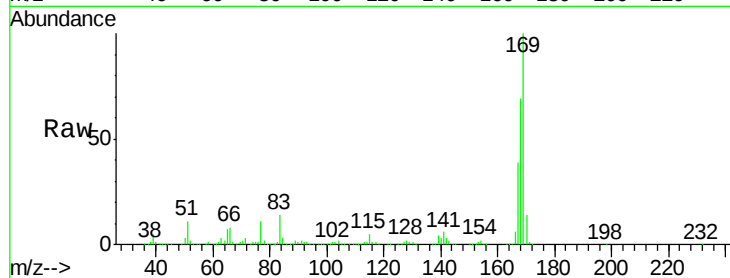
#65
n-Nitrosodiphenylamine
Concen: 37.61 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.6	82.0
167	39.2	30.6	45.8

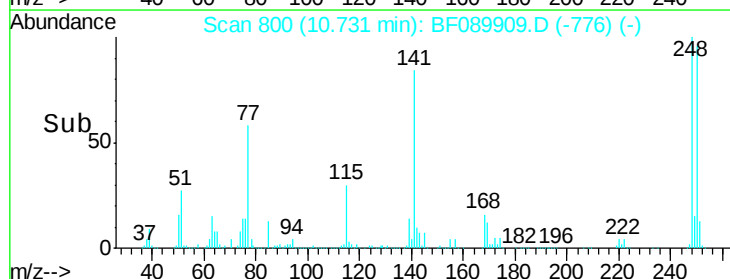
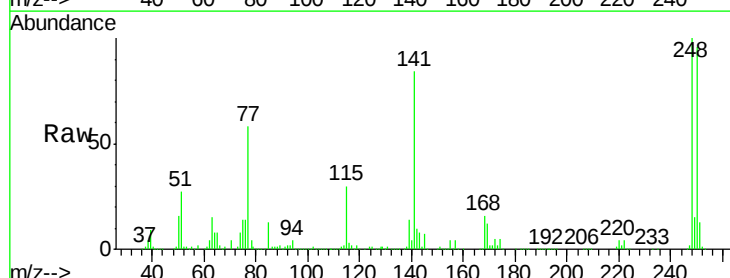
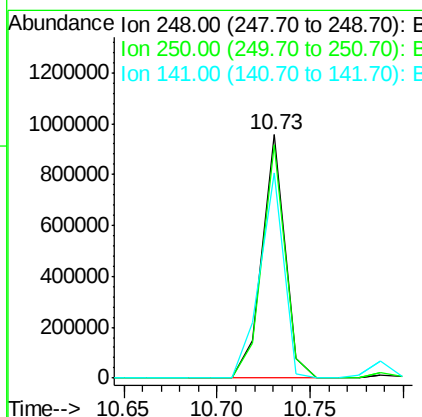
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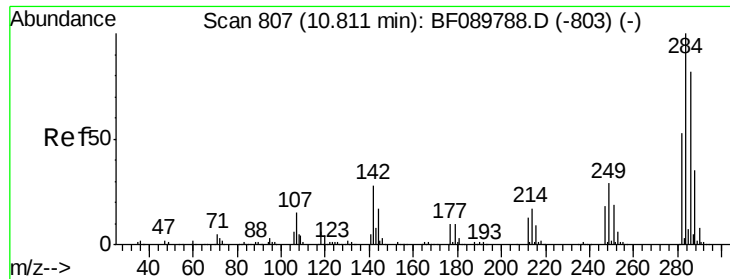
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#66
4-Bromophenyl-phenylether
Concen: 37.07 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	84.2	31.4	47.2





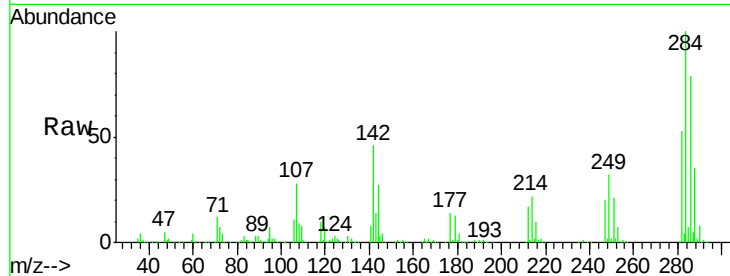
#67
Hexachlorobenzene
Concen: 36.61 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

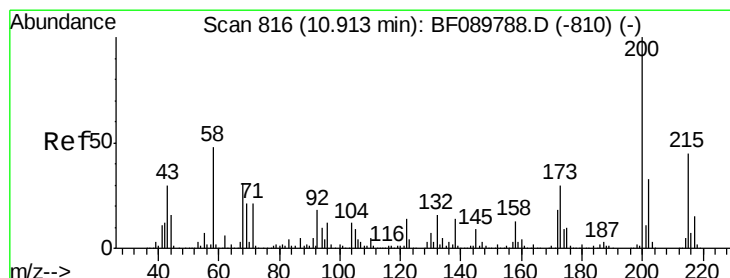
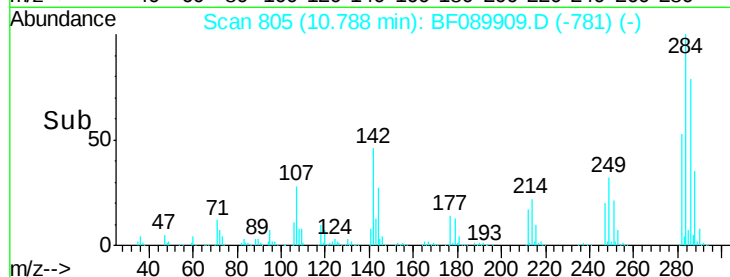
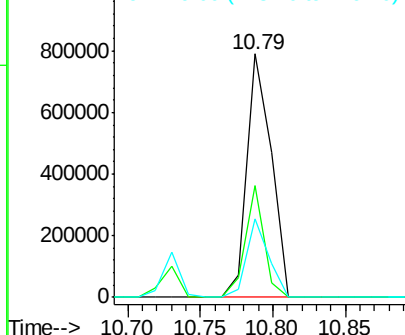
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	916279		
142	46.0	17.4	26.2#	
249	32.3	22.8	34.2	

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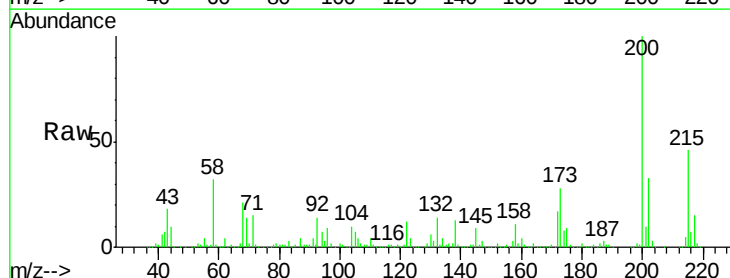


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

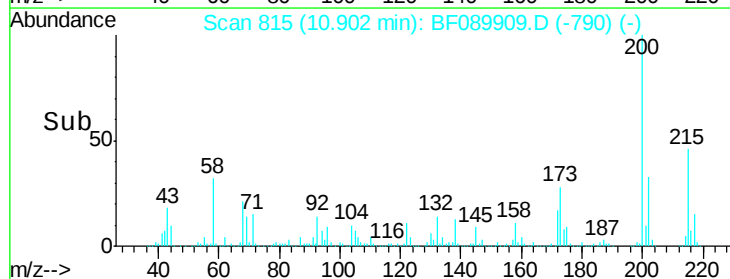
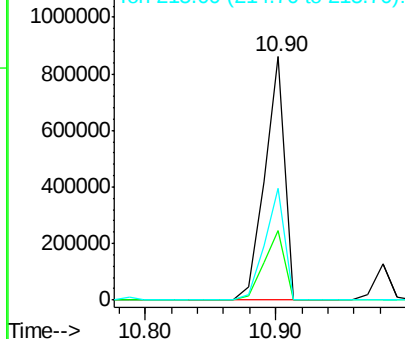


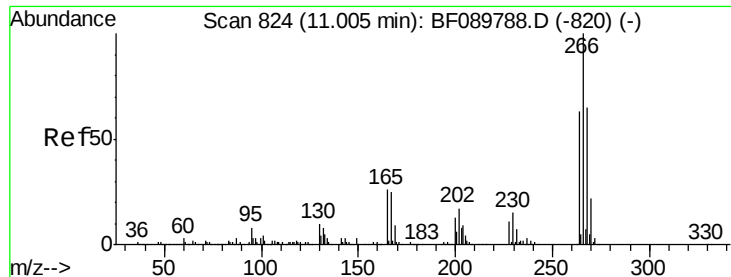
#68
Atrazine
Concen: 45.40 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	914905		
173	28.4	6.6	46.6	
215	45.8	24.7	64.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





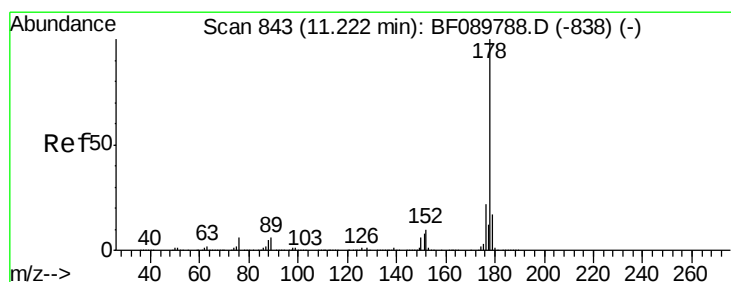
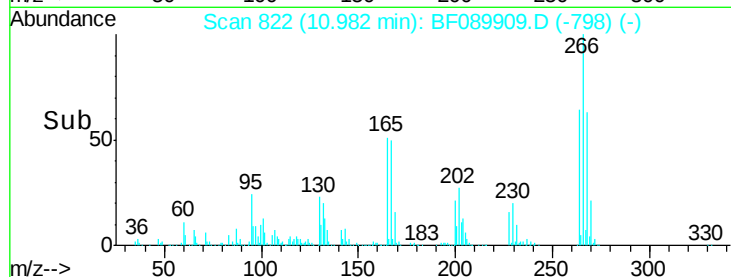
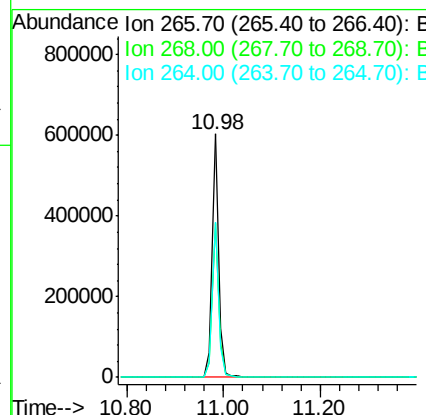
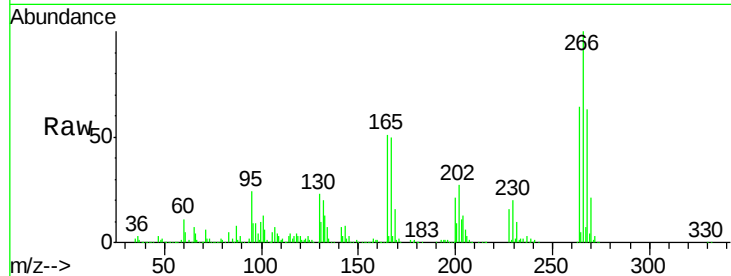
#69
 Pentachlorophenol
 Concen: 39.81 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.2	79.8
264	64.0	51.1	76.7

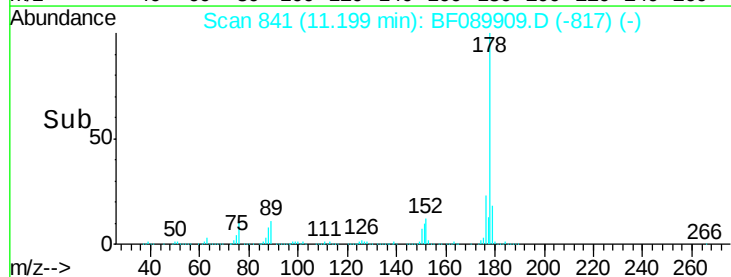
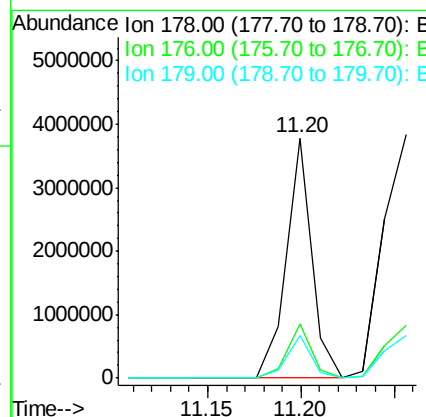
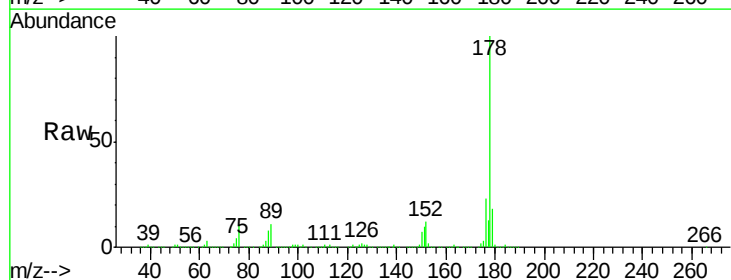
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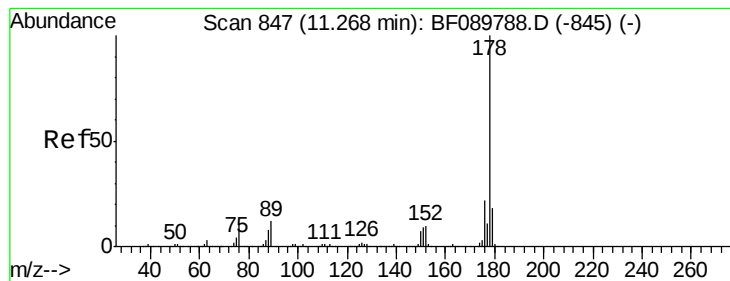
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#70
 Phenanthrene
 Concen: 34.07 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.4	24.6
179	17.9	12.5	18.7





#71

Anthracene

Concen: 41.54 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 4462559

Ion Ratio Lower Upper

178 100

176 21.7 16.4 24.6

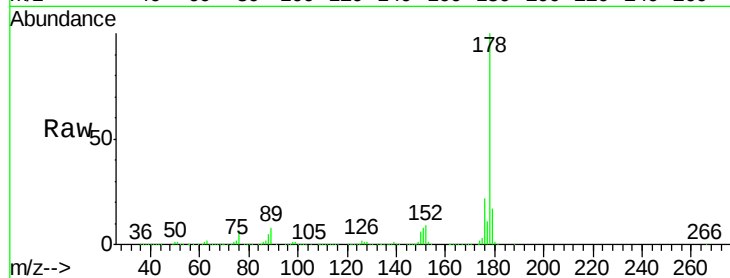
179 17.3 13.1 19.7

Manual Integrations

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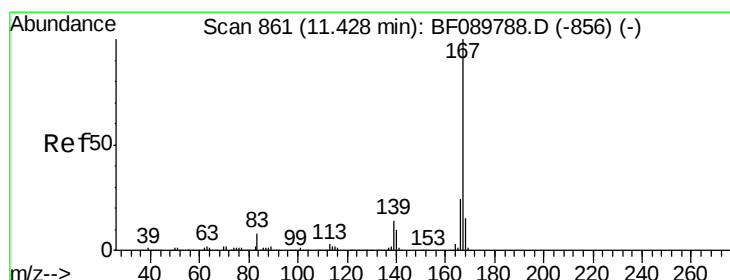
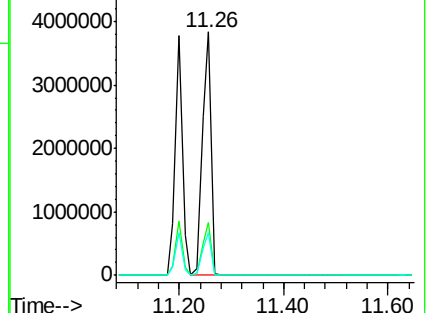
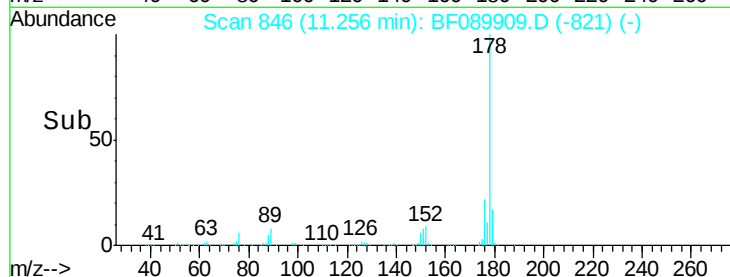
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.84 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

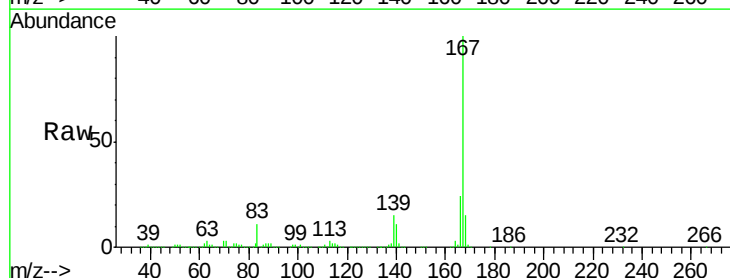
Tgt Ion:167 Resp: 3646505

Ion Ratio Lower Upper

167 100

166 23.7 17.9 26.9

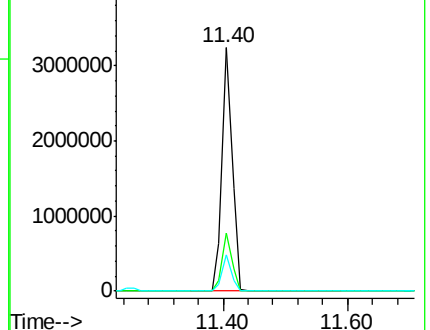
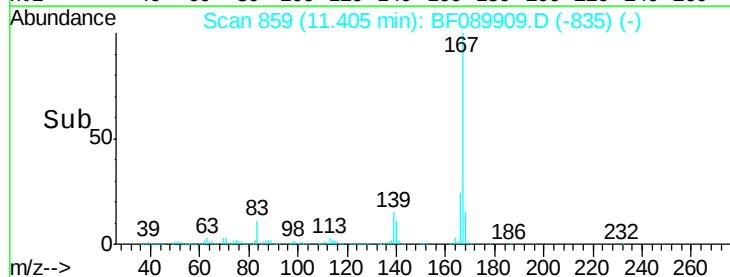
139 15.0 12.4 18.6

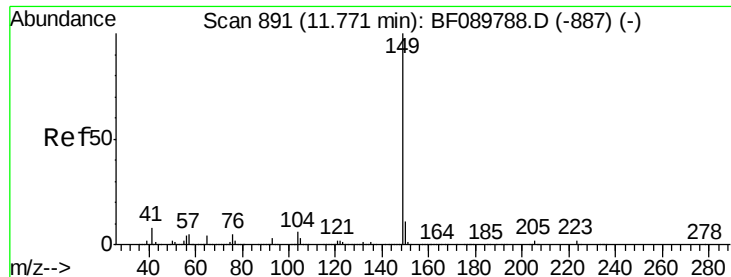


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.89 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 5050133

Ion Ratio Lower Upper

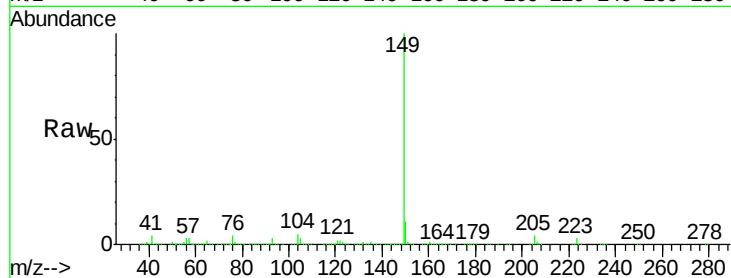
149 100

150 11.2 7.9 11.9

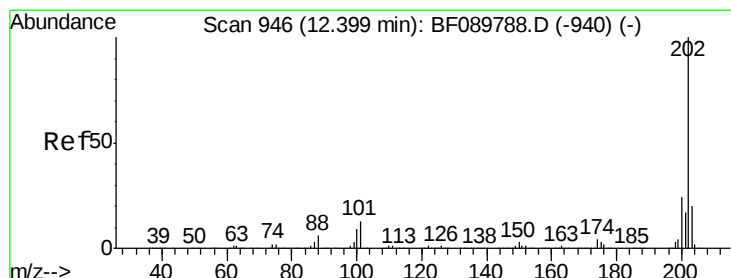
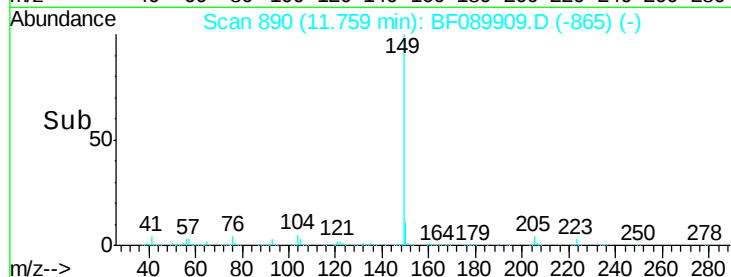
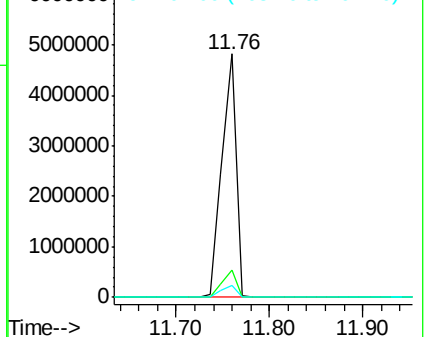
104 4.9 4.3 6.5

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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: 40.18 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

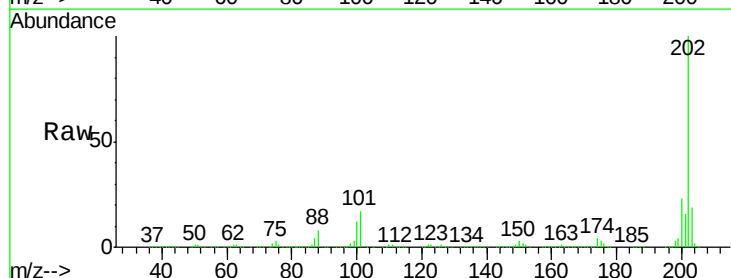
Tgt Ion:202 Resp: 4039107

Ion Ratio Lower Upper

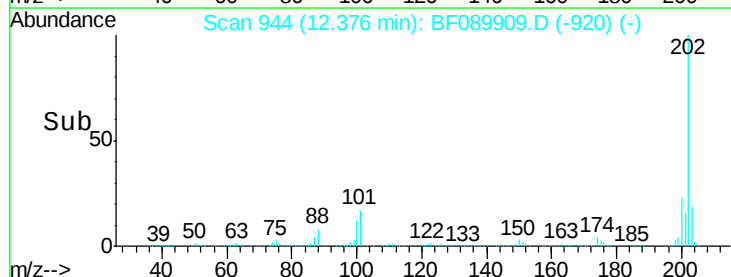
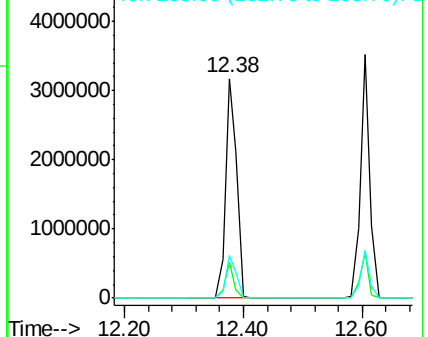
202 100

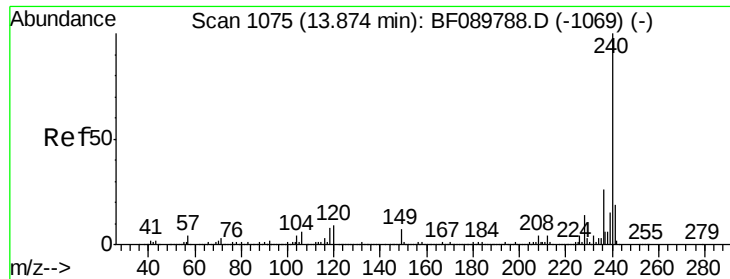
101 16.5 0.0 31.2

203 19.5 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: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 1396766

Ion Ratio Lower Upper

240 100

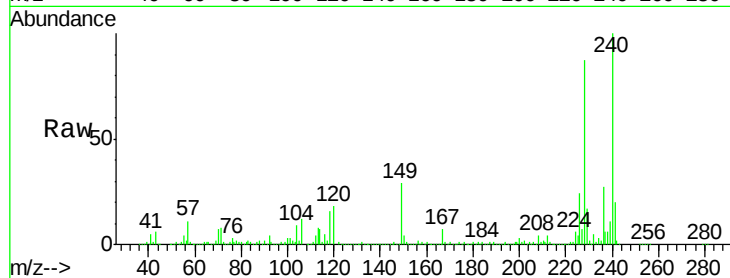
120 18.2 8.3 12.5#

236 26.8 21.3 31.9

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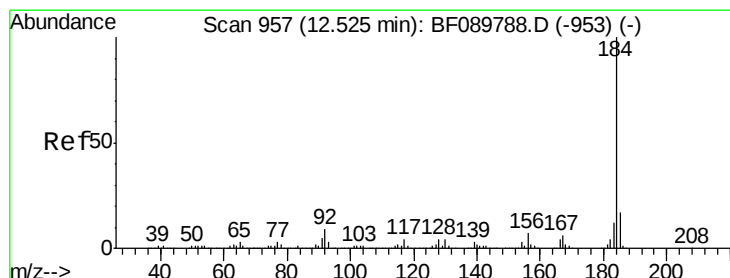
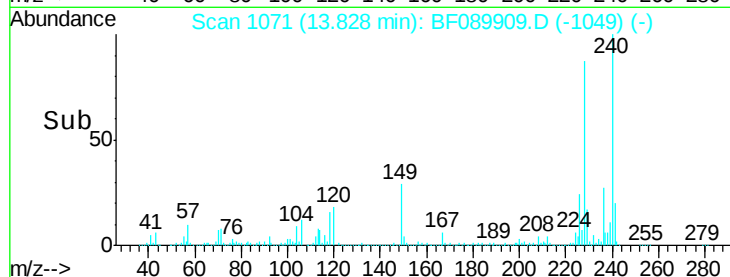
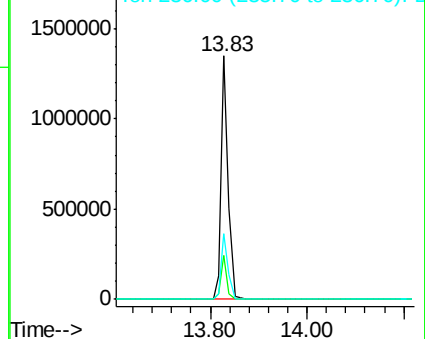
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.98 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

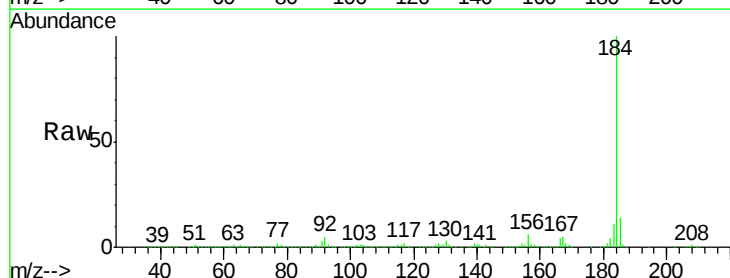
Tgt Ion:184 Resp: 2033058

Ion Ratio Lower Upper

184 100

185 14.4 13.8 20.8

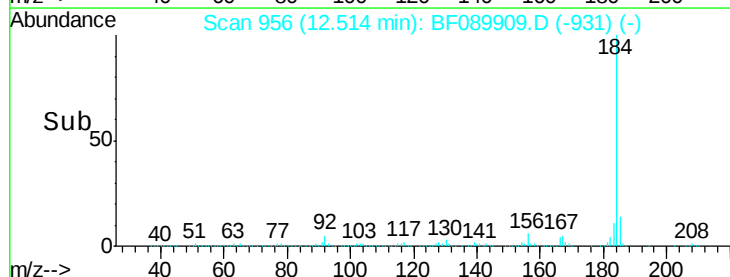
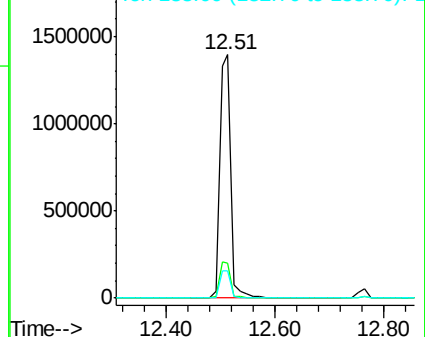
183 11.3 9.7 14.5

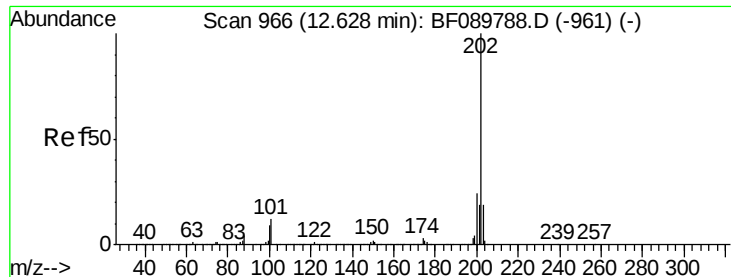


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.79 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 3843618

Ion Ratio Lower Upper

202 100

200 24.4 17.8 26.6

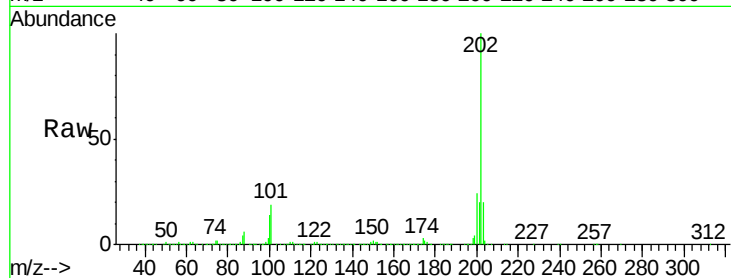
203 19.8 14.2 21.4

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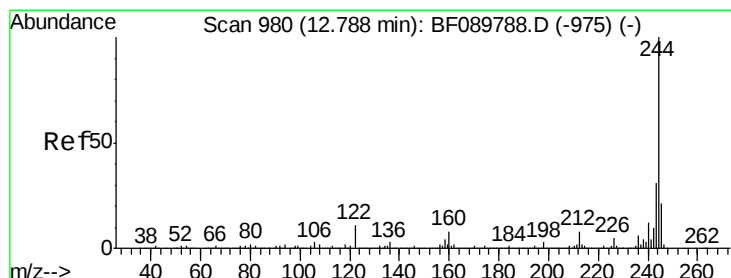
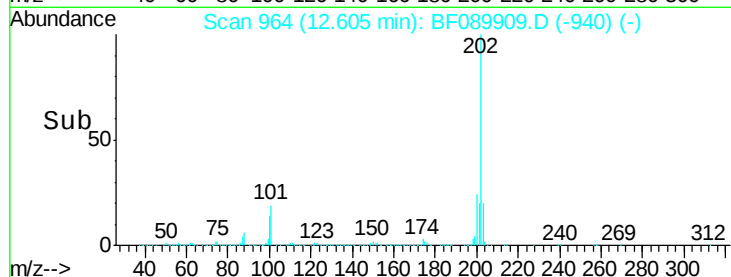
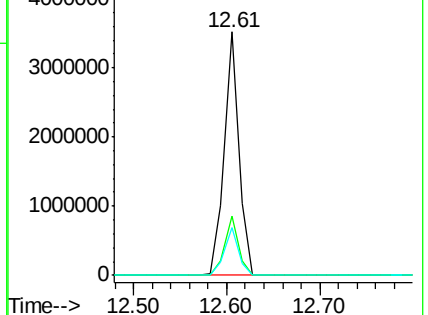
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.85 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

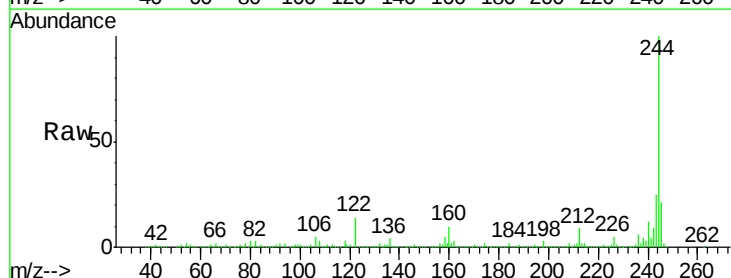
Tgt Ion:244 Resp: 3818896

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

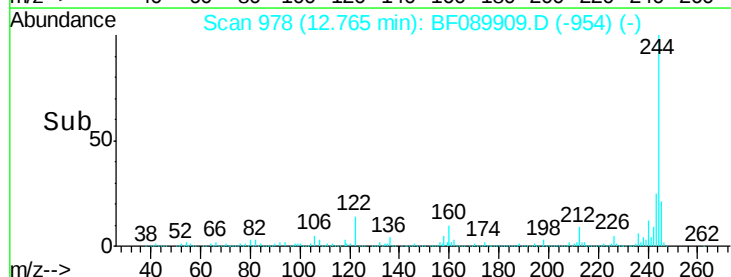
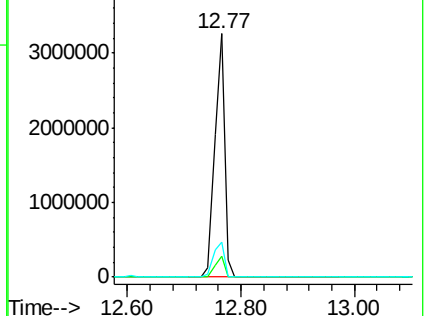
122 14.5 12.0 18.0

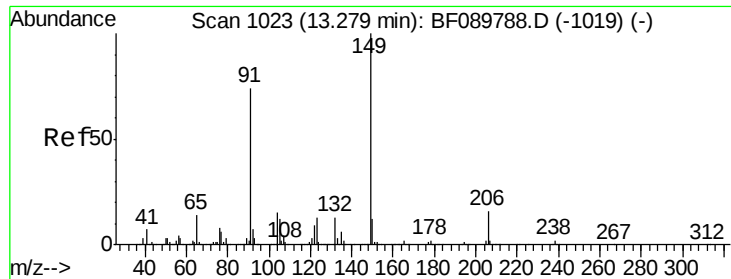


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





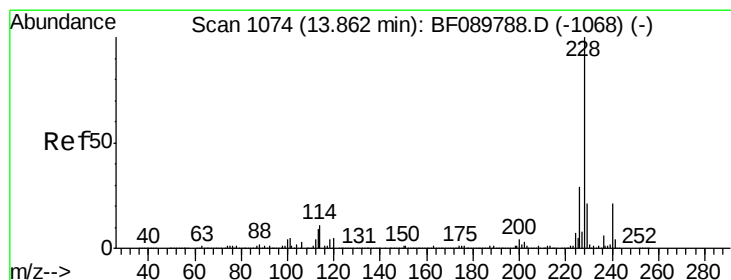
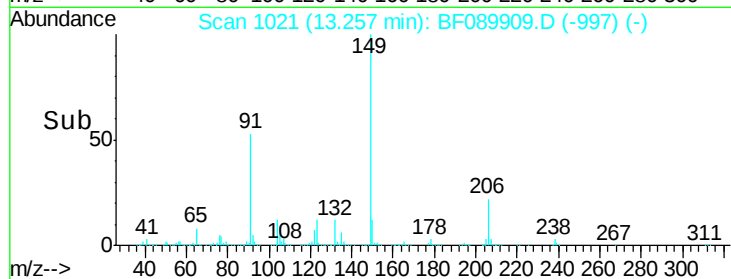
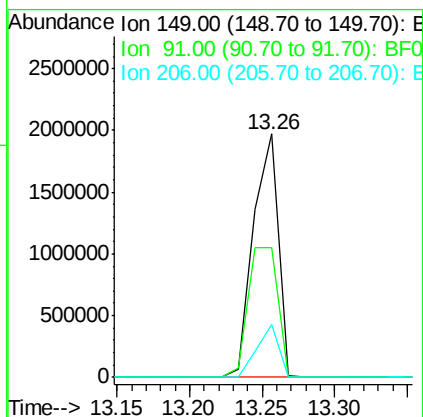
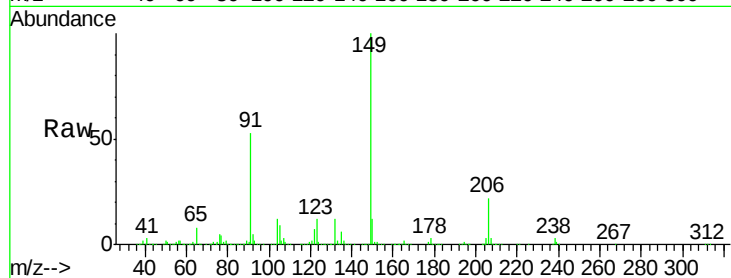
#79
Butylbenzylphthalate
Concen: 45.66 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion:149 Resp: 2345269
Ion Ratio Lower Upper
149 100
91 53.2 50.7 76.1
206 21.5 15.5 23.3

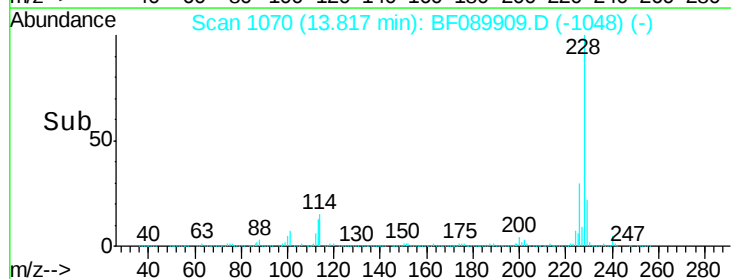
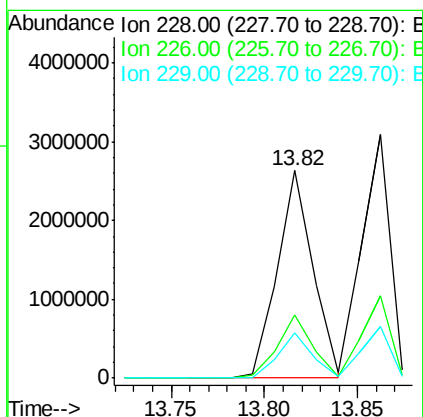
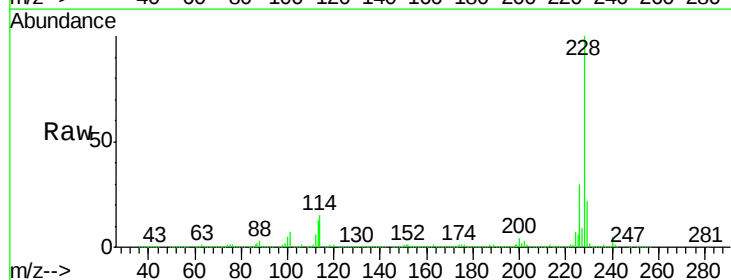
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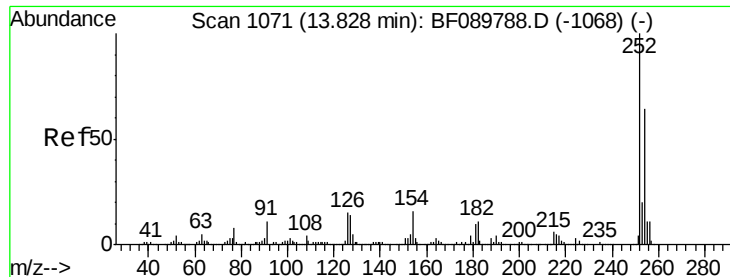
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#80
Benzo(a)anthracene
Concen: 43.60 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion:228 Resp: 3487492
Ion Ratio Lower Upper
228 100
226 30.4 23.2 34.8
229 21.9 16.2 24.4





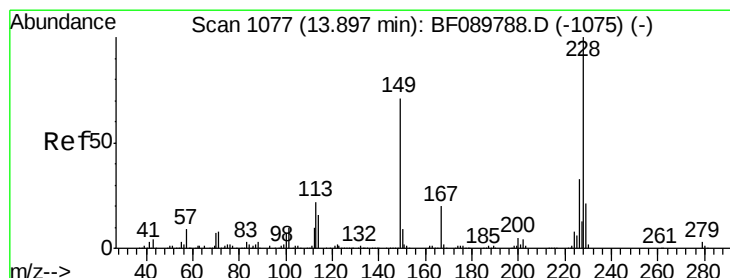
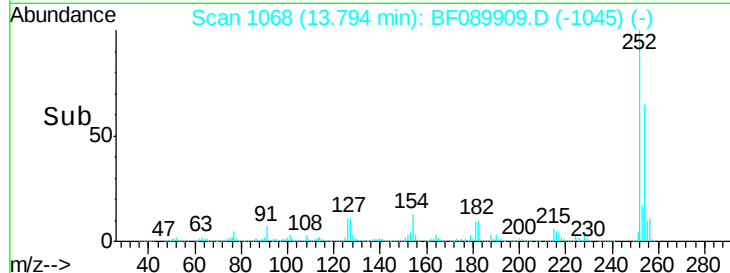
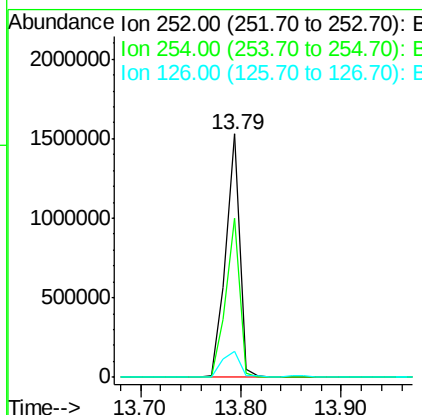
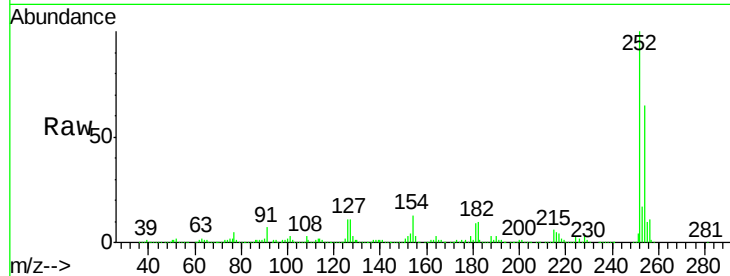
#81
 3,3'-Dichlorobenzidine
 Concen: 56.86 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.03 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.6	75.8
126	10.9	12.6	18.8

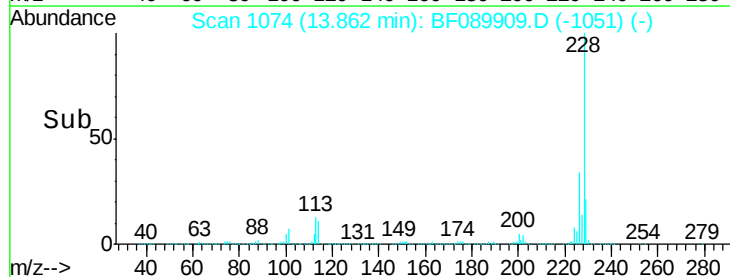
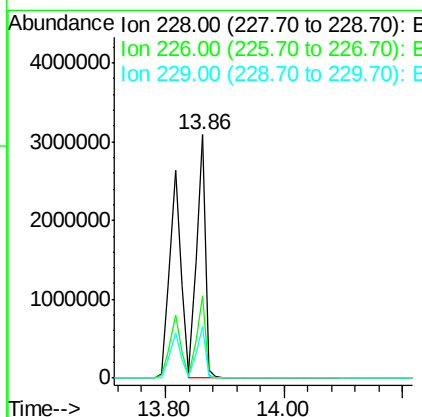
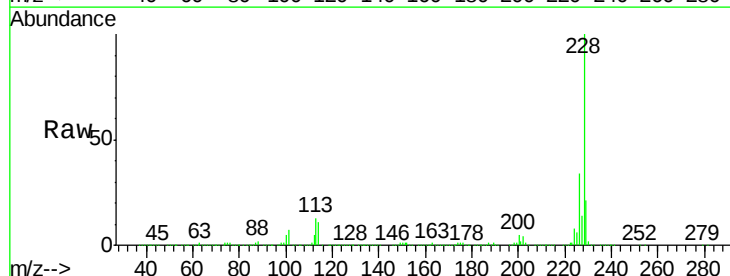
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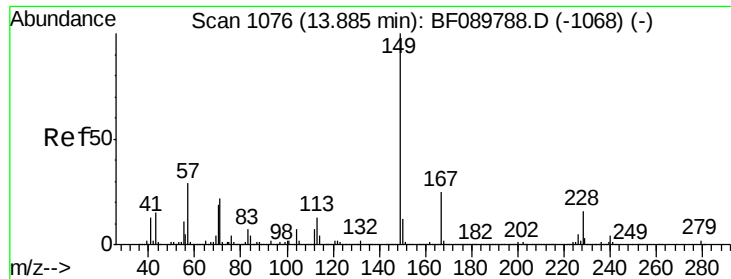
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#82
 Chrysene
 Concen: 47.58 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.03 min
 Lab File: BF089909.D
 Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.4	38.0
229	21.2	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.80 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 2745519

Ion Ratio Lower Upper

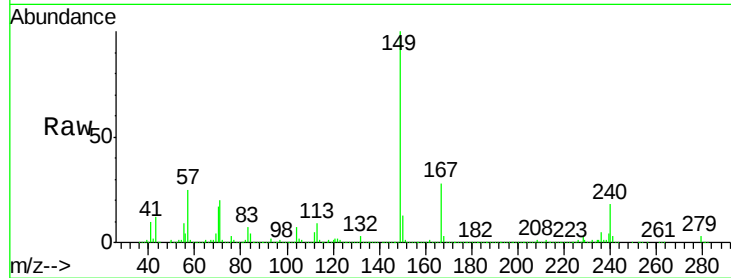
149 100

167 27.6 21.2 31.8

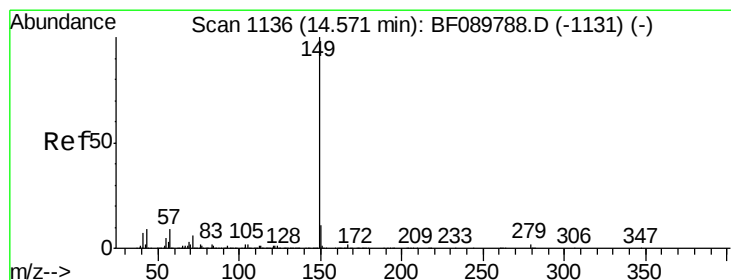
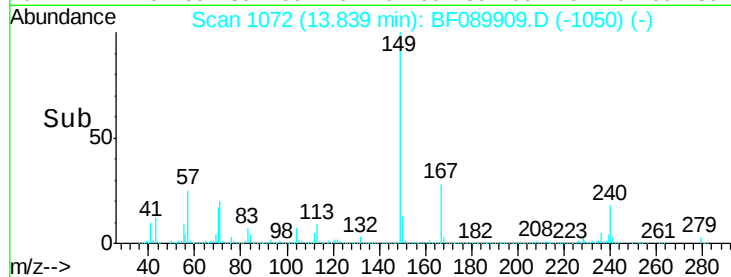
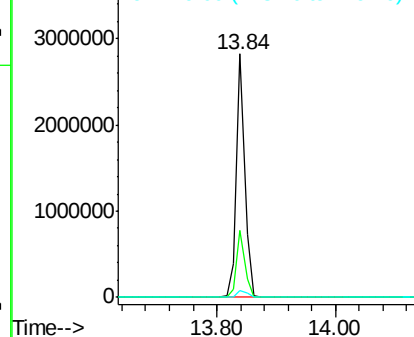
279 2.7 2.9 4.3#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.82 ng

RT: 14.50 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

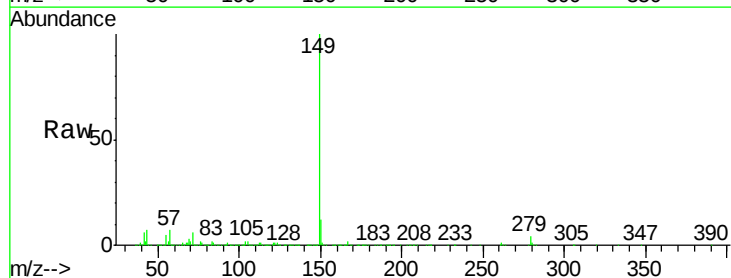
Tgt Ion:149 Resp: 4590966

Ion Ratio Lower Upper

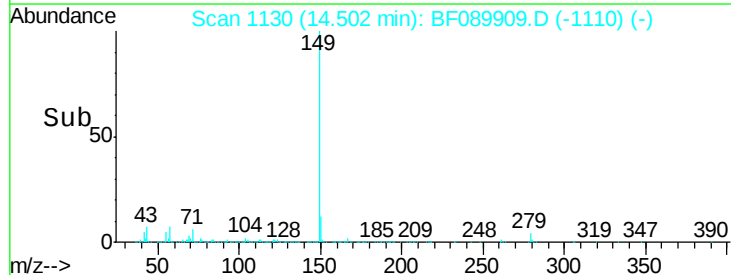
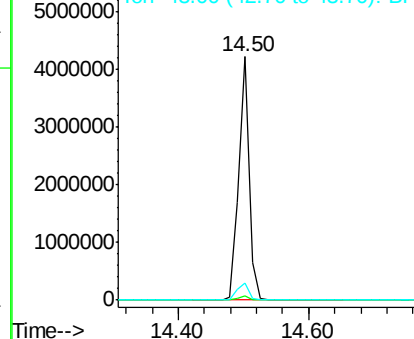
149 100

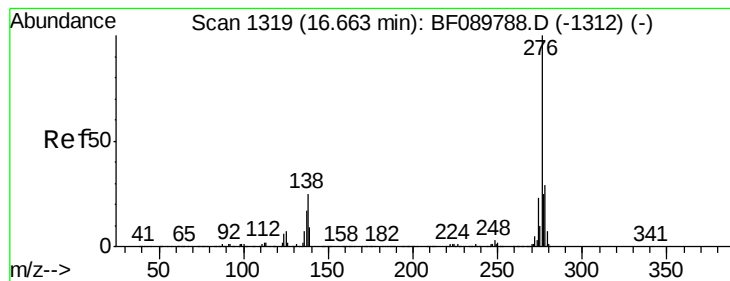
167 1.7 1.2 1.8

43 7.9 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.97 ng

RT: 16.56 min Scan# 1310

Delta R.T. -0.10 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion:276 Resp: 2884823

Ion Ratio Lower Upper

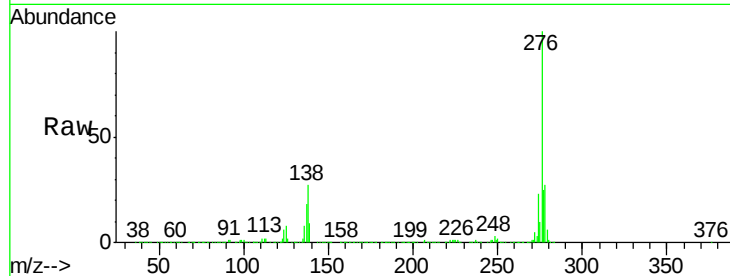
276 100

138 30.6 24.6 36.8

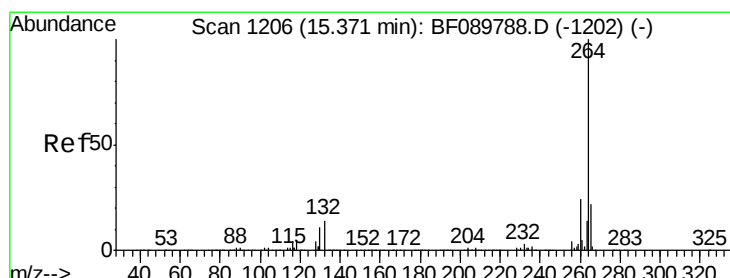
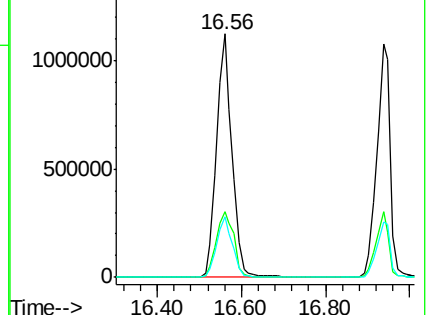
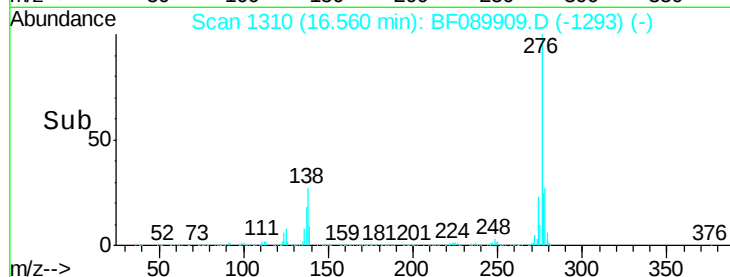
277 25.4 20.4 30.6

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Abundance Ion 276.00 (275.70 to 276.70): E
1500000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1198

Delta R.T. -0.09 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

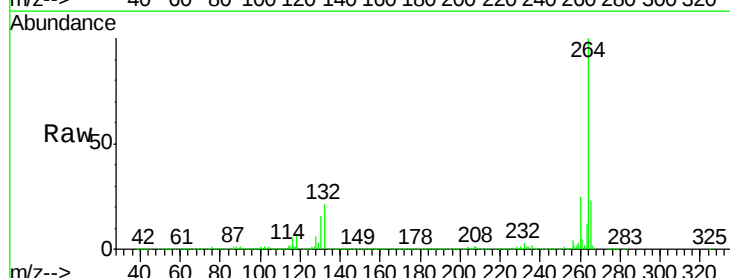
Tgt Ion:264 Resp: 1295537

Ion Ratio Lower Upper

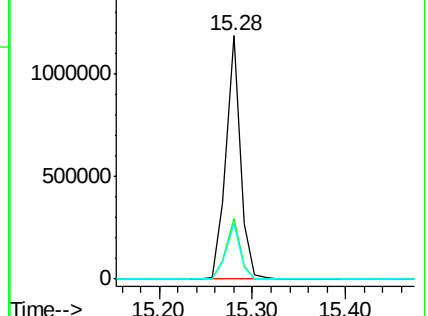
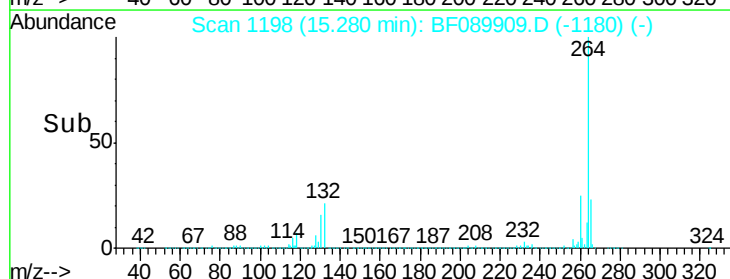
264 100

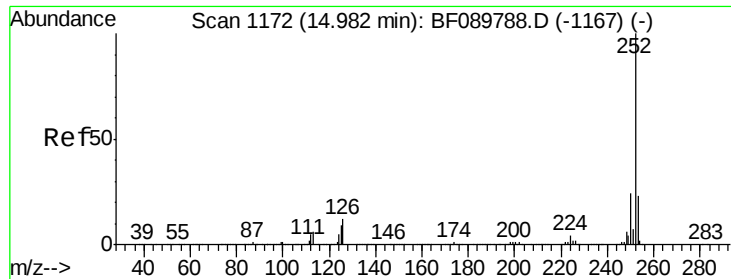
260 24.8 20.2 30.2

265 22.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
1500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





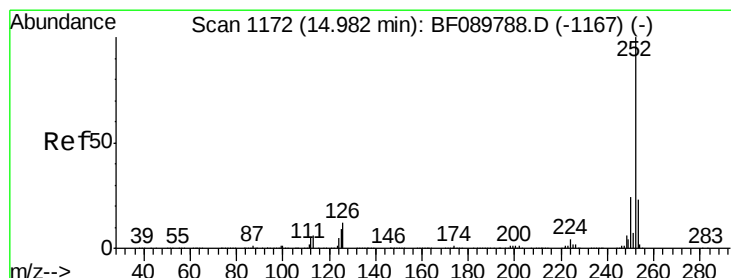
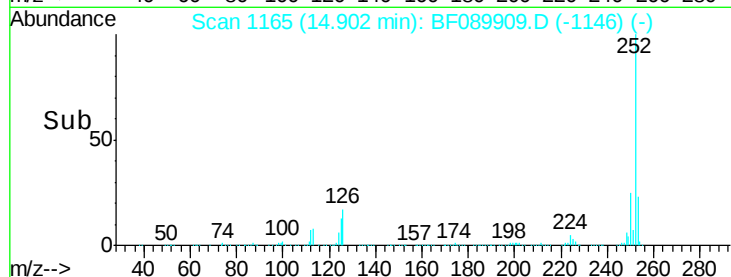
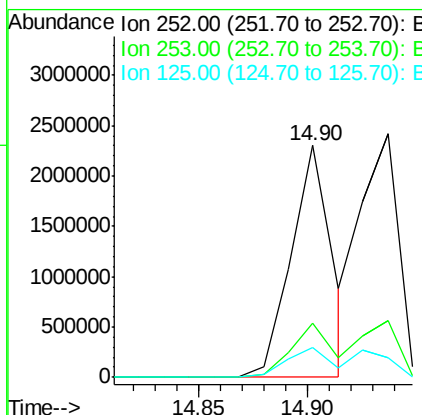
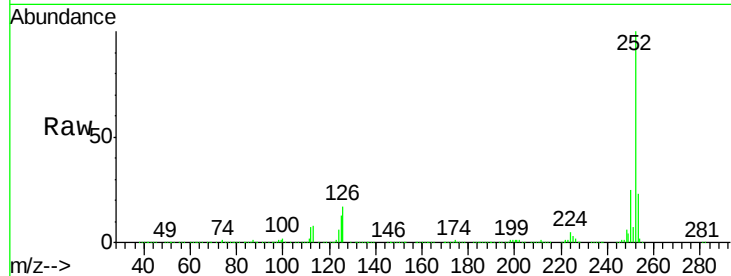
#87
Benzo(b)fluoranthene
Concen: 42.09 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.8	11.4	17.2

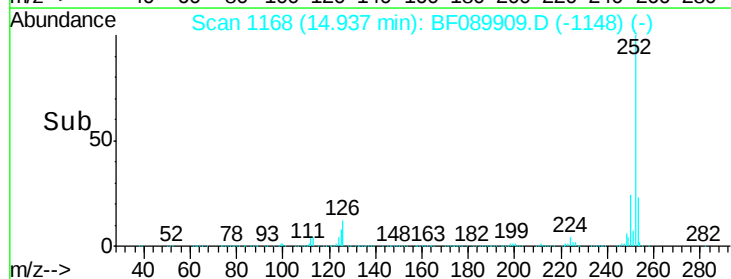
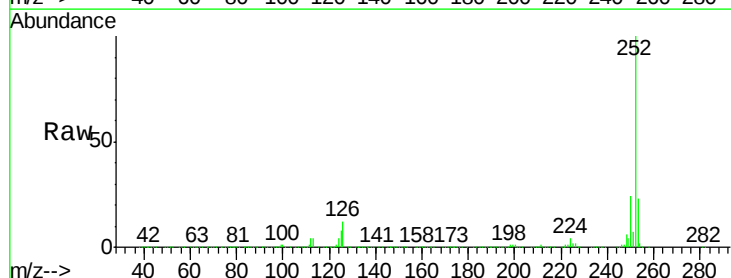
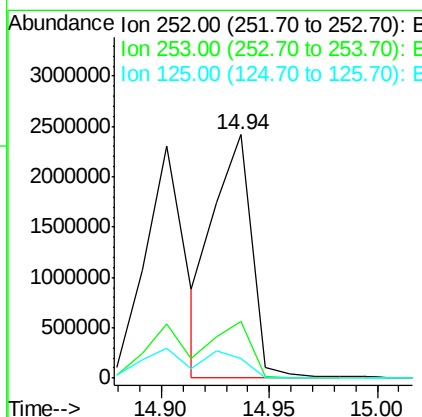
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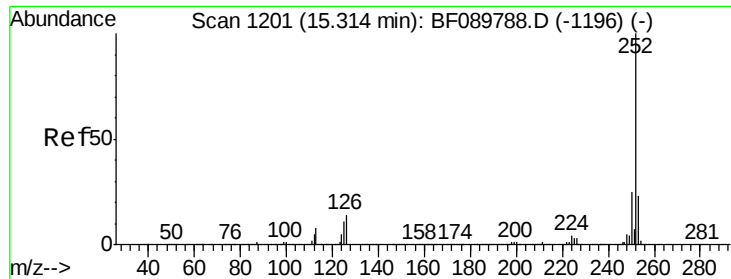
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#88
Benzo(k)fluoranthene
Concen: 46.13 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	8.2	9.8	14.6#





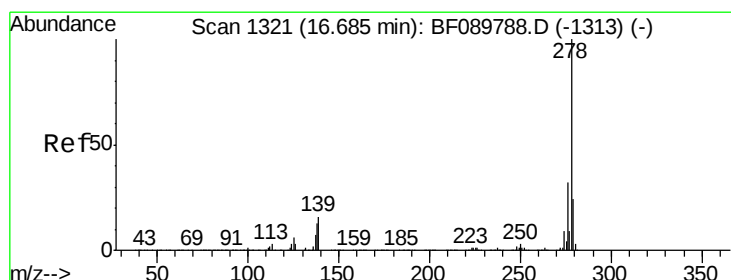
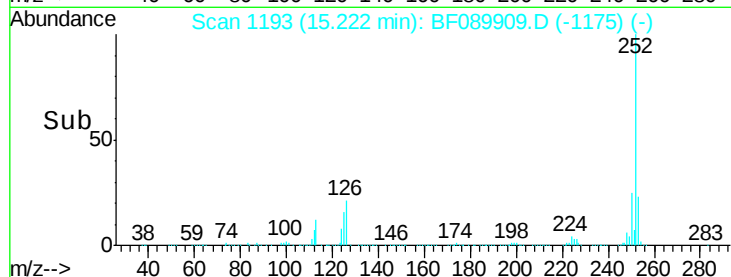
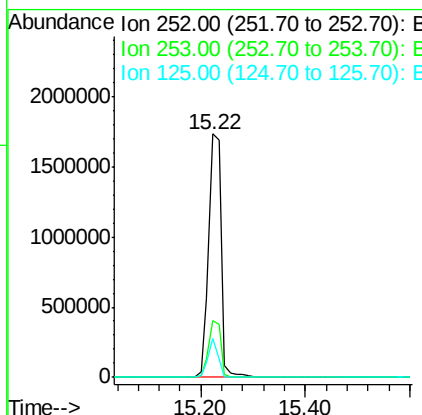
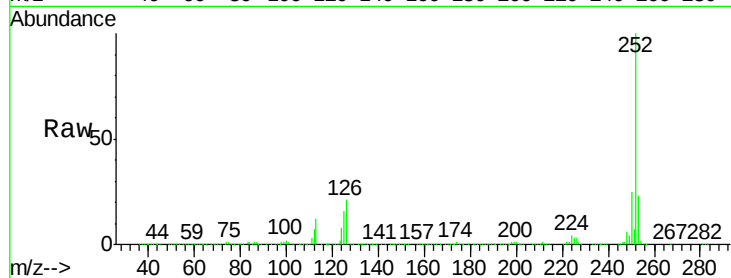
#89
Benzo(a)pyrene
Concen: 42.72 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.09 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	16.0	11.7	17.5

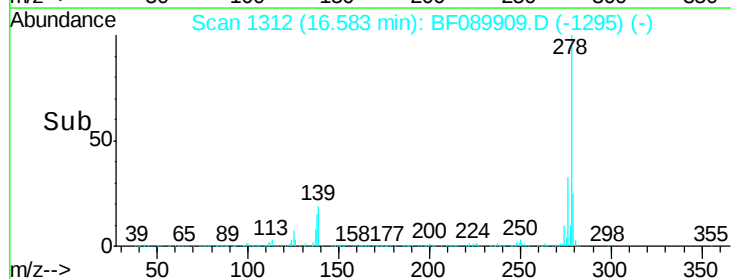
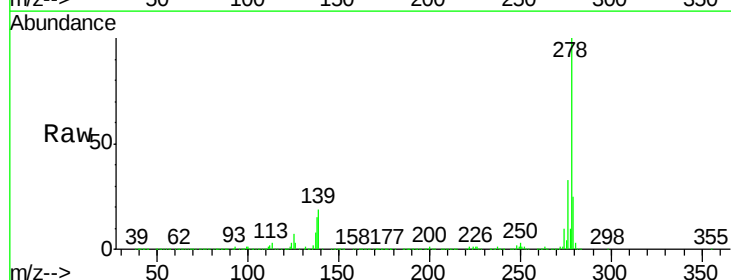
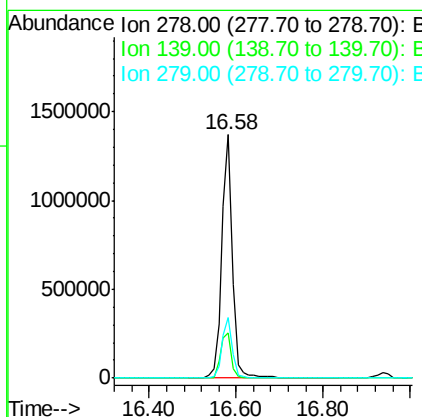
Manual Integrations
APPROVED

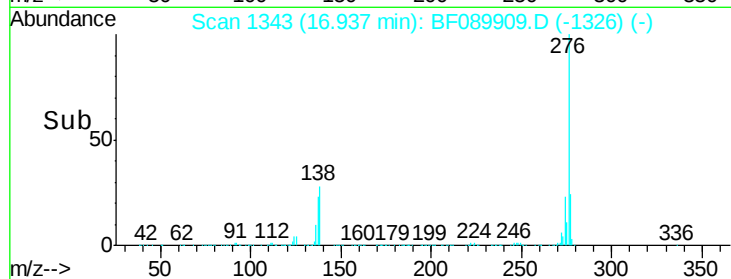
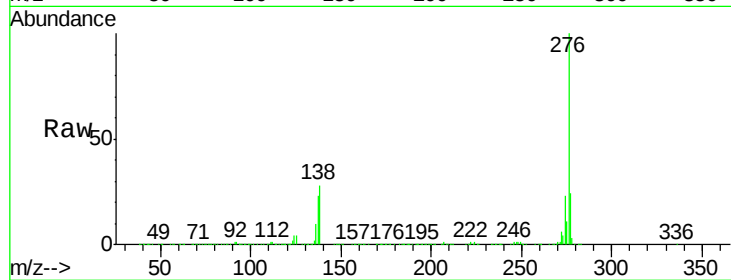
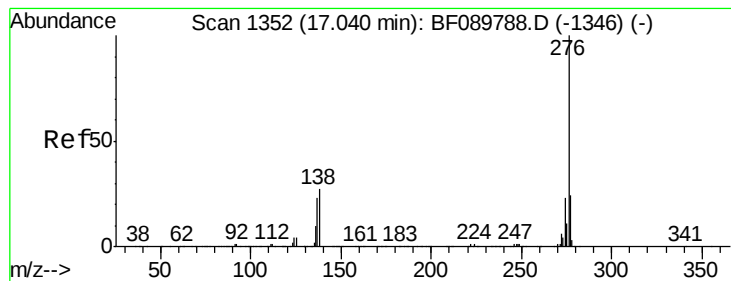
sohil
8/25/2016 7:42:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.39 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.10 min
Lab File: BF089909.D
Acq: 25 Aug 2016 11:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.9	22.3
279	25.1	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 31.35 ng

RT: 16.94 min Scan# 1343

Delta R.T. -0.10 min

Lab File: BF089909.D

Acq: 25 Aug 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 2417015

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 28.3 22.1 33.1

Manual Integrations

APPROVED

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