

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089745.D
 Acq On : 17 Aug 2016 5:49
 Operator : UM/SJ
 Sample : PB92884BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Manual Integrations
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 8/17/2016 6:24:32 PM

Quant Time: Aug 17 07:03:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	683934	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2779891	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1332375	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	2492029	20.00	ng	0.01
75) Chrysene-d12	13.90	240	1925221	20.00	ng	0.00
86) Perylene-d12	15.38	264	1829804	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	5128711	125.12	ng	0.01
7) Phenol-d6	6.34	99	6281462	120.48	ng	0.01
23) Nitrobenzene-d5	7.27	82	3883778	85.31	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	1751569	135.89	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	6068987	73.09	ng	0.00
78) Terphenyl-d14	12.81	244	5242198	81.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	685017	32.37	ng	97
3) Pyridine	2.94	79	2070775	37.97	ng	92
4) n-Nitrosodimethylamine	2.90	42	909761	41.57	ng	# 80
6) Aniline	6.36	93	2432662	34.71	ng	# 91
8) 2-Chlorophenol	6.49	128	2199269	45.11	ng	81
9) Benzaldehyde	6.24	77	577160	16.70	ng	90
10) Phenol	6.35	94	2119779	32.66	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	1909587	39.71	ng	97
12) 1,3-Dichlorobenzene	6.64	146	1989920	38.18	ng	98
13) 1,4-Dichlorobenzene	6.72	146	2145085	40.63	ng	97
14) 1,2-Dichlorobenzene	6.88	146	1936486	38.47	ng	97
15) Benzyl Alcohol	6.86	79	1555707	44.65	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2363678	37.47	ng	94
17) 2-Methylphenol	6.97	107	1857435	47.95	ng	96
18) Hexachloroethane	7.22	117	805890	41.65	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	1370659	40.14	ng	95
20) 3+4-Methylphenols	7.12	107	2128915	42.91	ng	# 83
22) Acetophenone	7.12	105	2407281	37.25	ng	# 95
24) Nitrobenzene	7.29	77	2289916	44.71	ng	93
25) Isophorone	7.53	82	3951216	43.38	ng	99
26) 2-Nitrophenol	7.61	139	1135037	47.10	ng	98
27) 2,4-Dimethylphenol	7.66	122	2151293	47.10	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	2407716	43.50	ng	97
29) 2,4-Dichlorophenol	7.85	162	1839739	48.38	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1689788	41.39	ng	98
31) Naphthalene	8.01	128	5179096	41.51	ng	95
32) Benzoic acid	7.79	122	1338374	37.69	ng	99
33) 4-Chloroaniline	8.06	127	1355795	23.48	ng	# 86
34) Hexachlorobutadiene	8.14	225	905580	42.23	ng	98
35) Caprolactam	8.44	113	631816m	53.91	ng	
36) 4-Chloro-3-methylphenol	8.55	107	1788015	43.19	ng	92
37) 2-Methylnaphthalene	8.71	142	4031615	47.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1159492	27.07	ng	98
40) Hexachlorocyclopentadiene	8.87	237	1848724	96.85	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1224447	44.25	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	1207699	45.78	nq	93
45) 1,1'-Biphenyl	9.18	154	4083266	37.00	nq	94
46) 2-Chloronaphthalene	9.19	162	3287295	39.76	nq	98
47) 2-Nitroaniline	9.29	65	1307355	51.89	nq	# 73
48) Acenaphthylene	9.60	152	5386213	42.31	nq	97
49) Dimethylphthalate	9.48	163	4450597	46.16	nq	# 98
50) 2,6-Dinitrotoluene	9.53	165	954808	43.76	nq	# 81
51) Acenaphthene	9.78	154	4162233	48.46	nq	98
52) 3-Nitroaniline	9.69	138	762154	30.04	nq	95
53) 2,4-Dinitrophenol	9.80	184	1056633	107.79	nq	97
54) Dibenzofuran	9.95	168	5166919	48.88	nq	95
55) 4-Nitrophenol	9.86	139	1754603	89.90	nq	87
56) 2,4-Dinitrotoluene	9.93	165	1319552	47.05	nq	# 56
57) Fluorene	10.28	166	3559253	41.68	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1093517	53.07	nq	98
59) Diethylphthalate	10.18	149	4144171	42.40	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	1481825	35.34	nq	93
61) 4-Nitroaniline	10.32	138	1245242	50.55	nq	96
62) Azobenzene	10.44	77	4399966	47.64	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	733206	50.67	nq	80
65) n-Nitrosodiphenylamine	10.41	169	3718700	47.55	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	1155450	44.77	nq	# 86
67) Hexachlorobenzene	10.83	284	1181670	41.19	nq	# 81
68) Atrazine	10.94	200	972148	41.04	nq	96
69) Pentachlorophenol	11.03	266	1448214	81.03	nq	97
70) Phenanthrene	11.24	178	5274263m	43.06	nq	
71) Anthracene	11.29	178	5677974	44.37	nq	97
72) Carbazole	11.45	167	5241026	43.22	nq	94
73) Di-n-butylphthalate	11.80	149	6424949	43.56	nq	# 98
74) Fluoranthene	12.42	202	4959005	40.29	nq	90
76) Benzidine	12.55	184	2666512	38.59	nq	99
77) Pyrene	12.65	202	5065168	40.20	nq	92
79) Butylbenzylphthalate	13.30	149	2761887	43.70	nq	88
80) Benzo(a)anthracene	13.87	228	5004145	44.74	nq	97
81) 3,3'-Dichlorobenzidine	13.85	252	1493422	36.64	nq	# 96
82) Chrysene	13.92	228	4012974	39.86	nq	95
83) Bis(2-ethylhexyl)phthalate	13.91	149	3899731	46.62	nq	96
84) Di-n-octyl phthalate	14.58	149	5907936	45.44	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	4270397	49.79	nq	100
87) Benzo(b)fluoranthene	14.99	252	4544397	39.20	nq	98
88) Benzo(k)fluoranthene	15.03	252	4418489m	46.30	nq	
89) Benzo(a)pyrene	15.33	252	4192257	43.80	nq	97
90) Dibenzo(a,h)anthracene	16.72	278	3527888	46.81	nq	96
91) Benzo(g,h,i)perylene	17.09	276	3484625	45.43	nq	95

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

```

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Operator  : UM/SJ
Sample    : PB92884BSD
Misc      :
ALS Vial  : 19    Sample Multiplier: 1

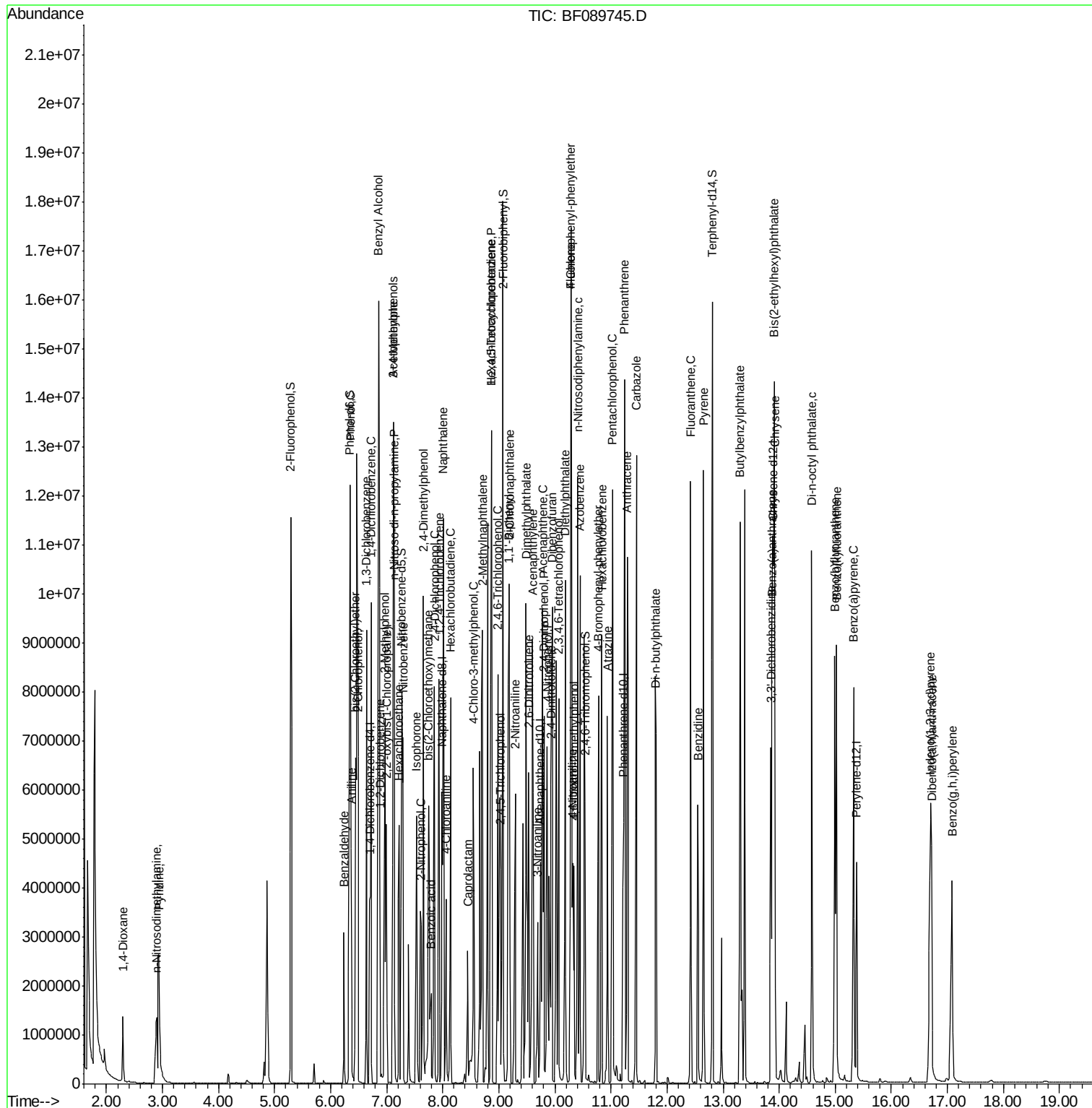
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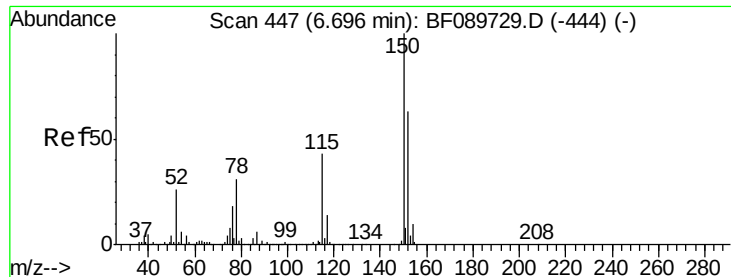
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

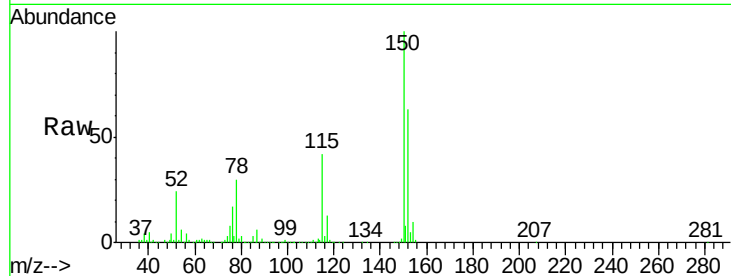
ClientSampleId :

PB92884BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.3	187.9
115	66.0	40.9	61.3

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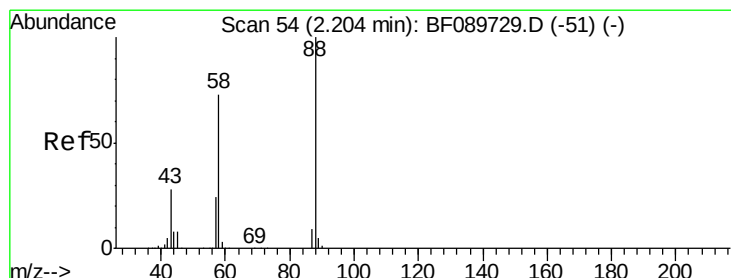
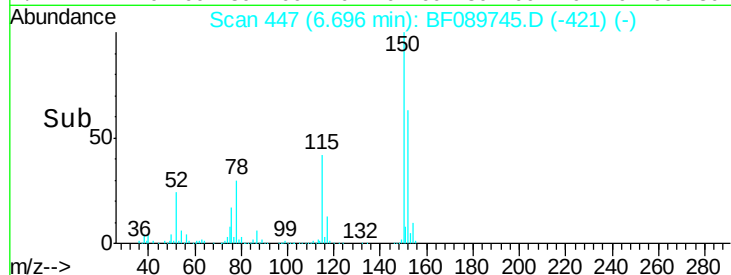
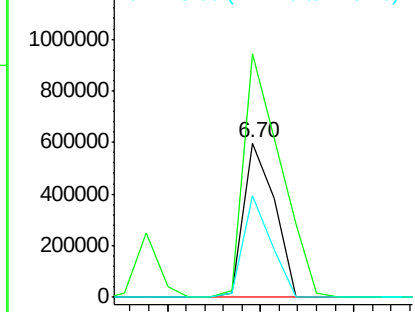


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.37 ng

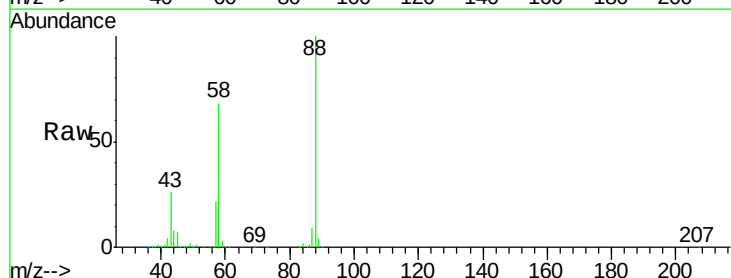
RT: 2.30 min Scan# 62

Delta R.T. 0.09 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	57.0	85.4
43	30.7	21.8	32.8

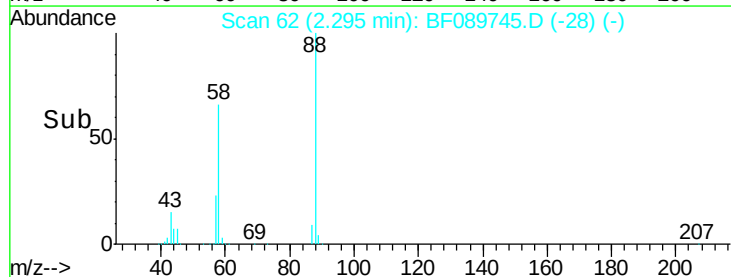
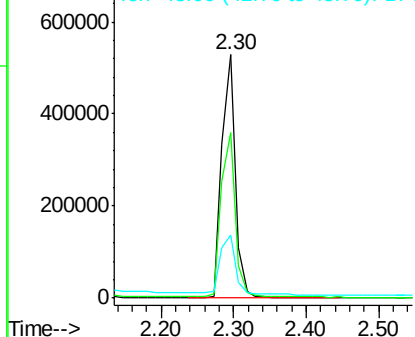


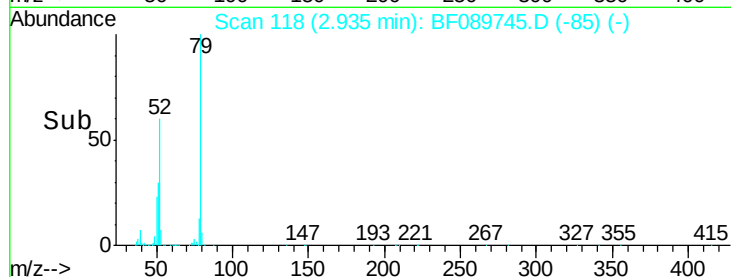
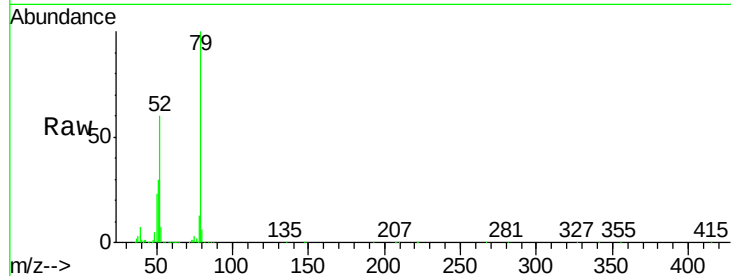
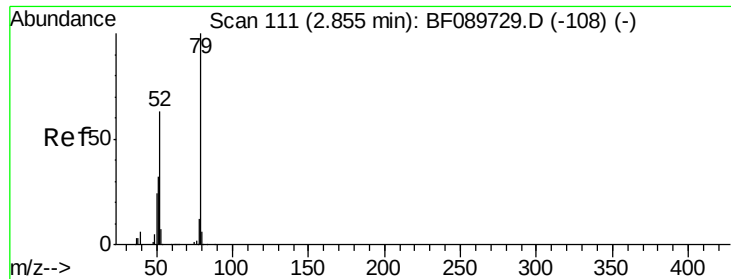
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





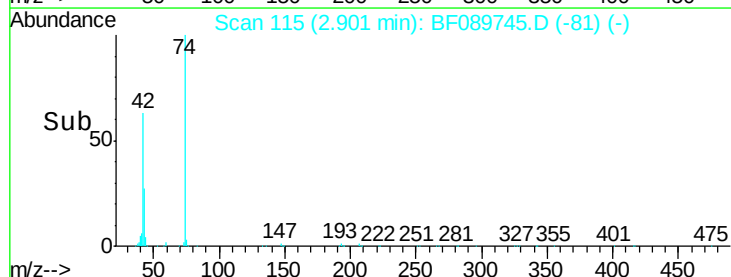
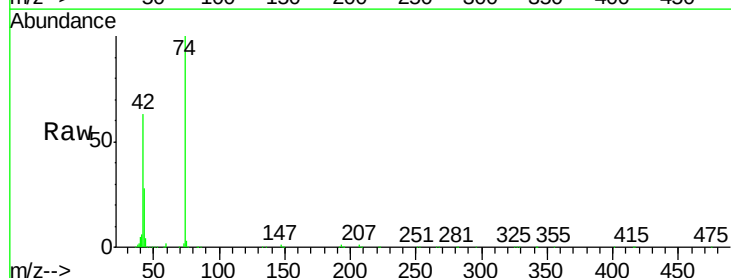
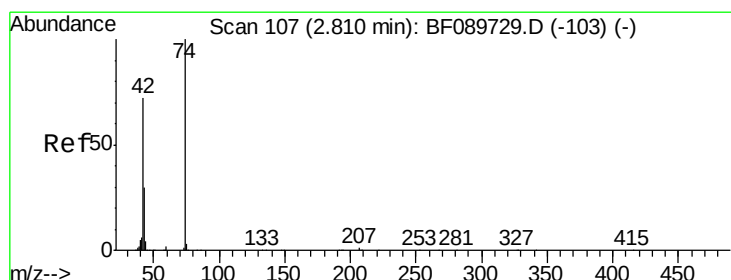
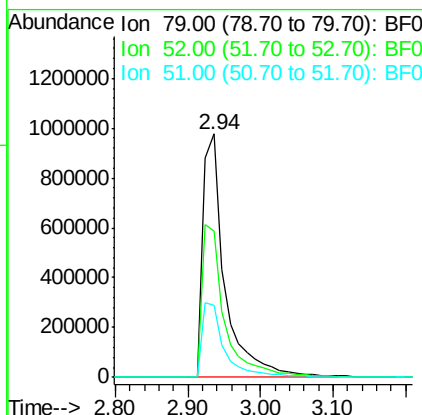
#3
 Pvridine
 Concen: 37.97 ng
 RT: 2.94 min Scan# 118
 Delta R.T. 0.08 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tot Ion: 79 Resp: 2070775
 Ion Ratio Lower Upper
 79 100
 52 60.2 53.6 80.4
 51 29.7 26.6 39.8

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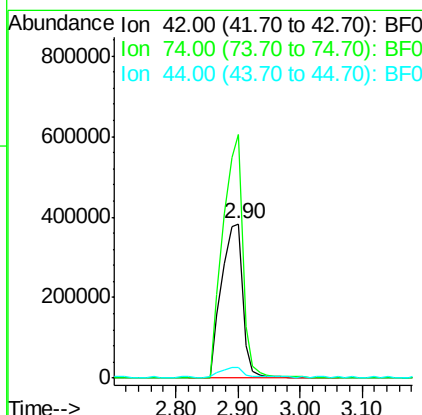
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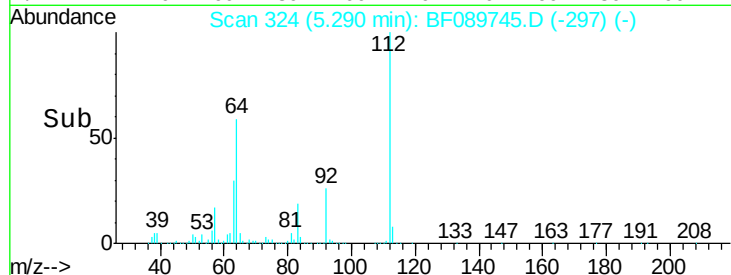
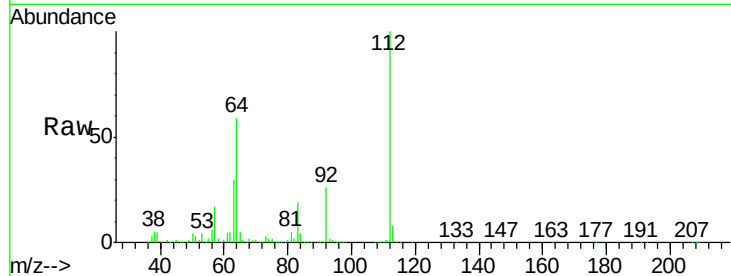
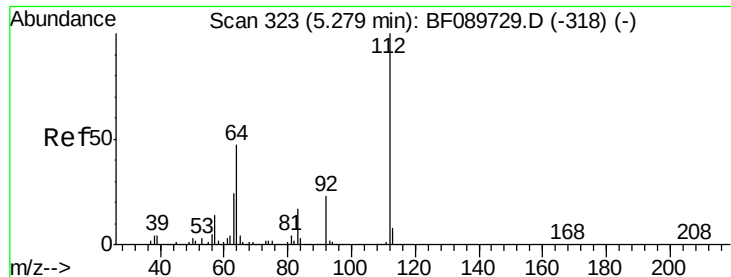
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#4
 n-Nitrosodimethylamine
 Concen: 41.57 ng
 RT: 2.90 min Scan# 115
 Delta R.T. 0.09 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion: 42 Resp: 909761
 Ion Ratio Lower Upper
 42 100
 74 157.6 106.2 159.2
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 125.12 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tot Ion:	112	Resp:	5128711
Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.0	67.4
63	30.5	23.1	34.7

Instrument :

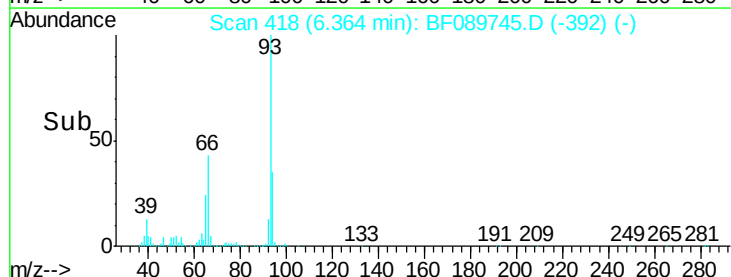
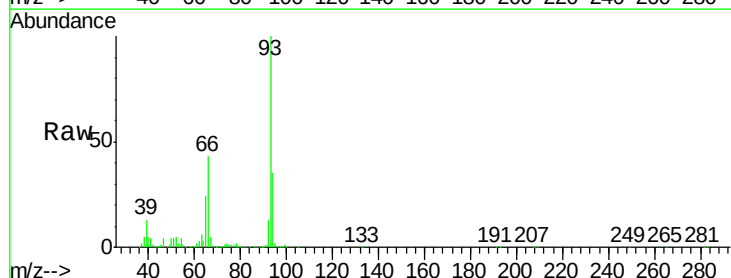
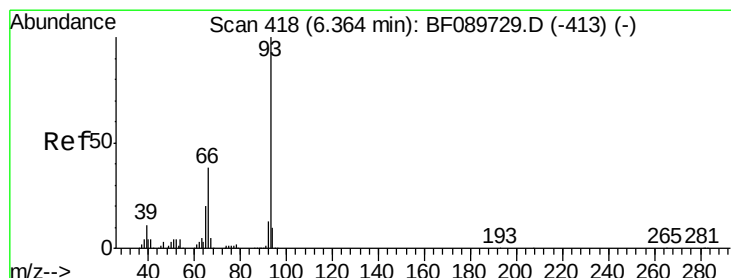
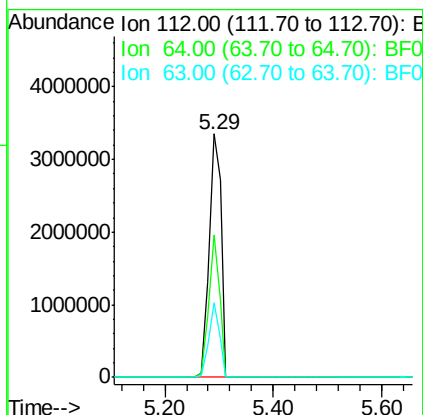
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 34.71 ng

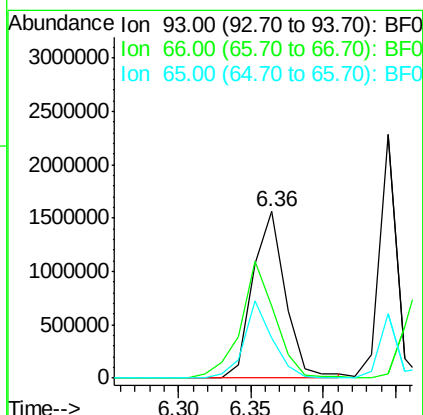
RT: 6.36 min Scan# 418

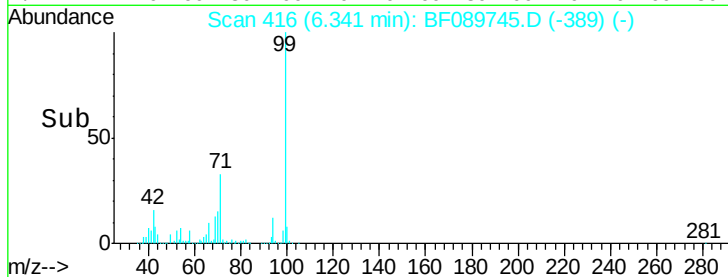
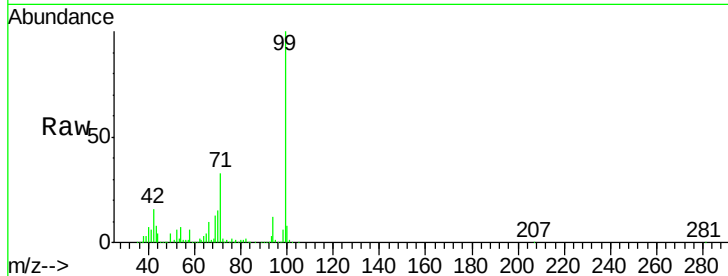
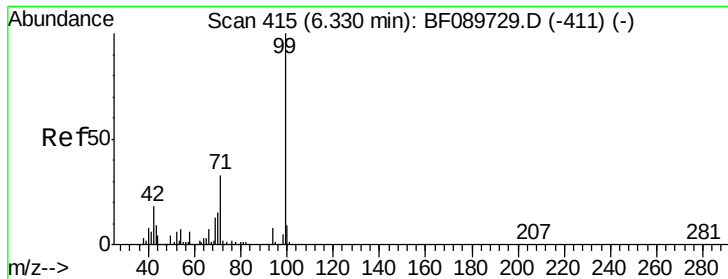
Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tgt Ion:	93	Resp:	2432662
Ion	Ratio	Lower	Upper
93	100		
66	43.4	30.6	46.0
65	23.9	15.4	23.2#





#7

Phenol-d6

Concen: 120.48 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tot Ion: 99 Resp: 6281462

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.4

71 32.8 23.8 35.8

Instrument :

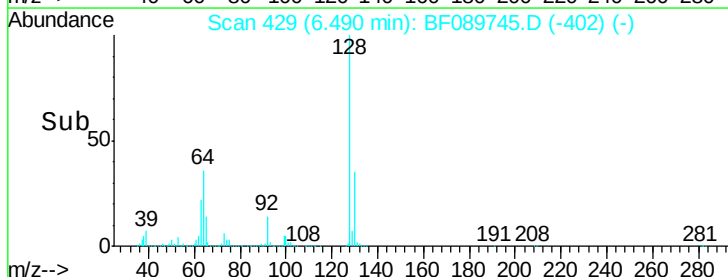
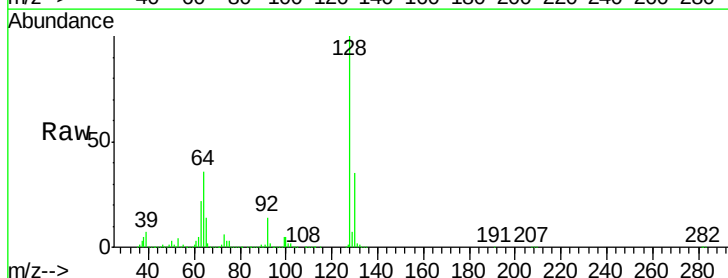
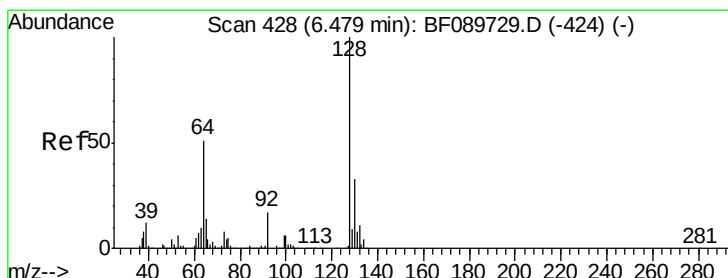
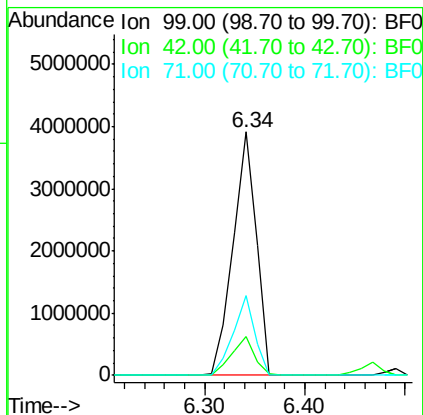
BNA_F

ClientSampled :

PB92884BSD

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#8

2-Chlorophenol

Concen: 45.11 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

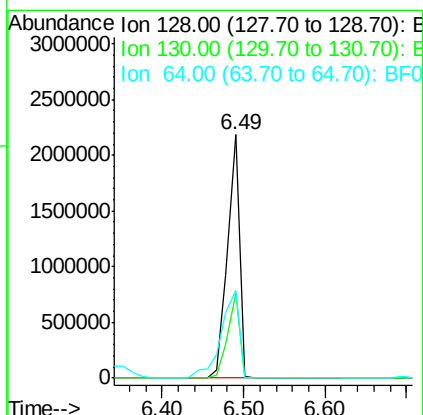
Tgt Ion: 128 Resp: 2199269

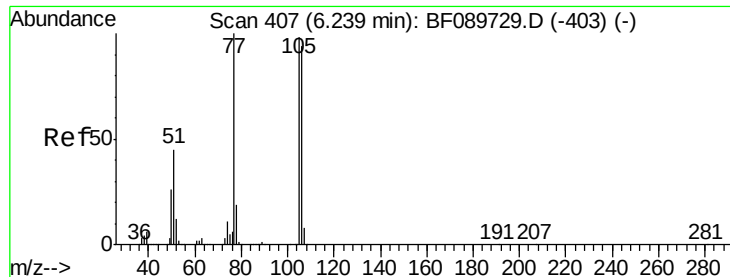
Ion Ratio Lower Upper

128 100

130 35.0 12.0 52.0

64 35.7 35.1 75.1





#9

Benzaldehyde

Concen: 16.70 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

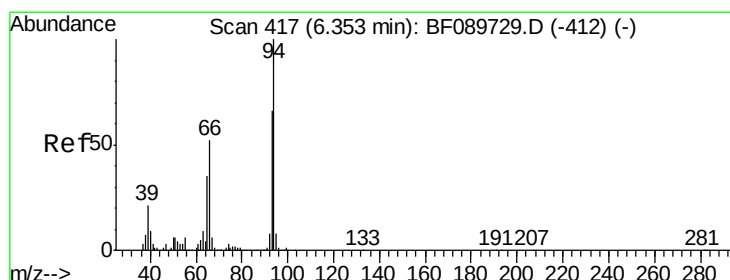
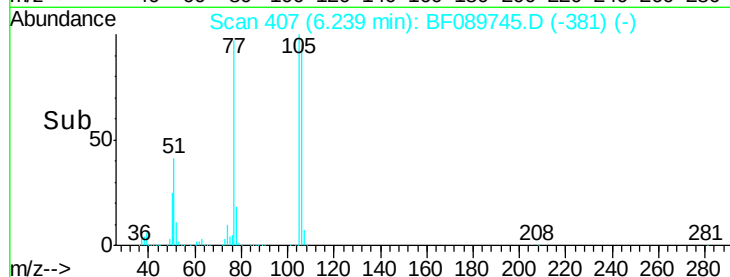
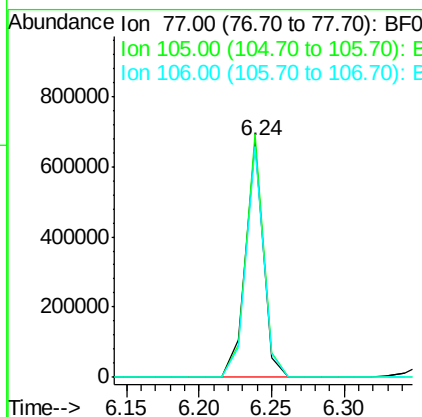
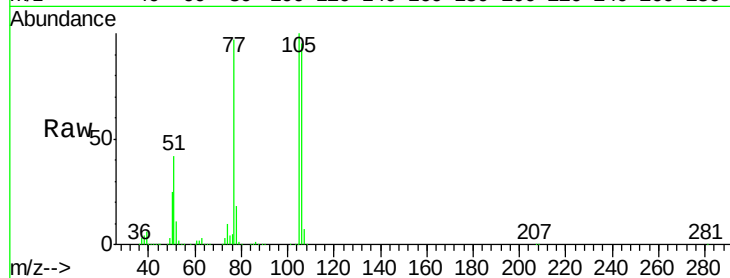
ClientSampleId :

PB92884BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	73.3	113.3
106	97.9	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 32.66 ng

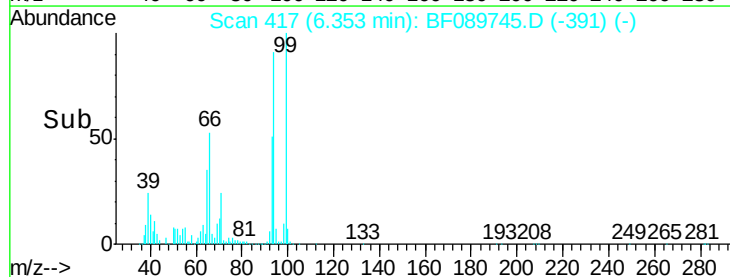
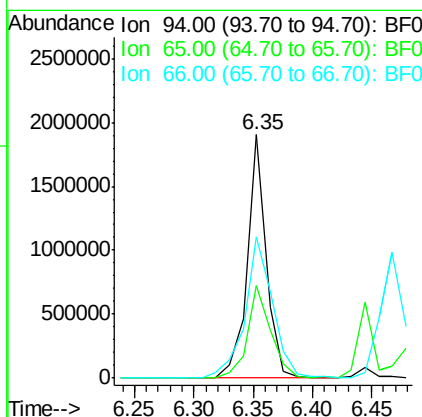
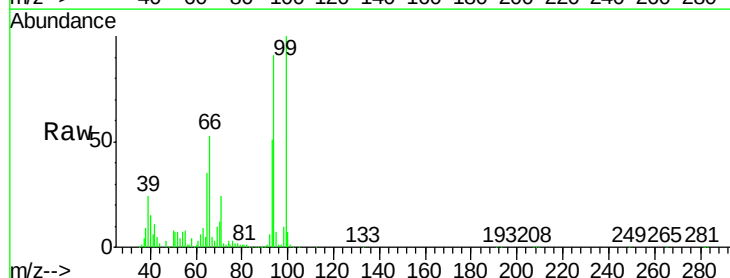
RT: 6.35 min Scan# 417

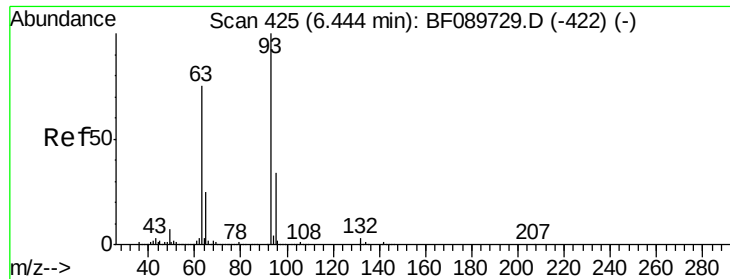
Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.0	14.0	54.0
66	57.8	31.2	71.2





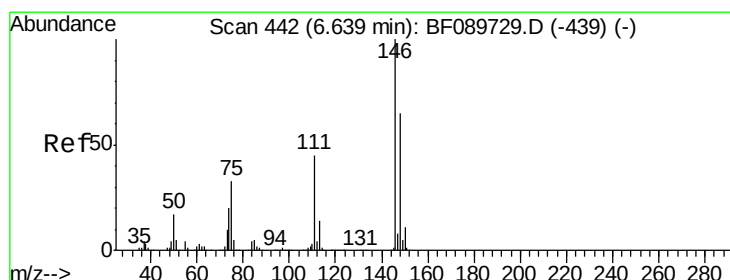
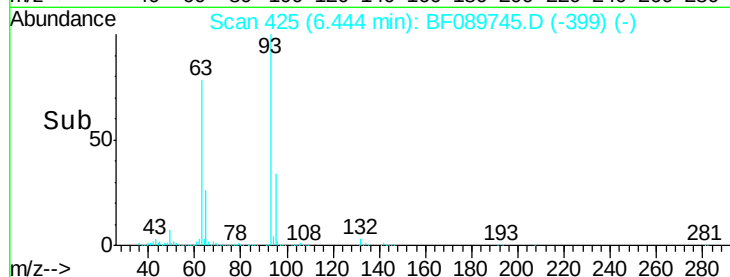
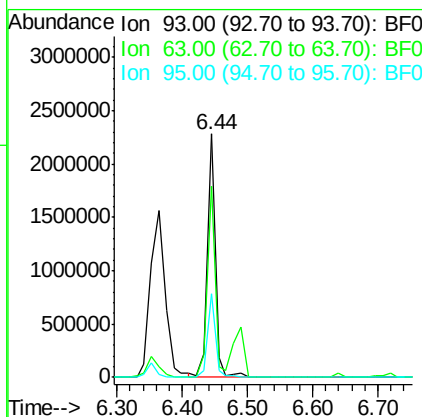
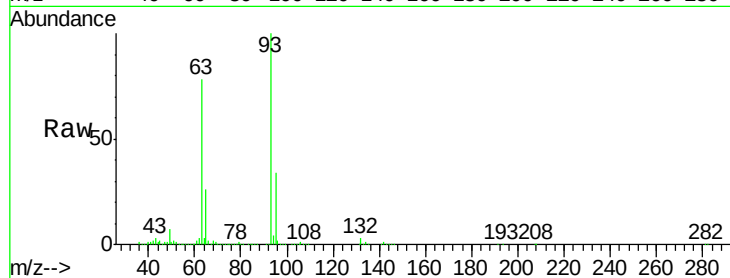
#11
bis(2-Chloroethyl)ether
Concen: 39.71 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	55.8	95.8
95	34.4	13.0	53.0

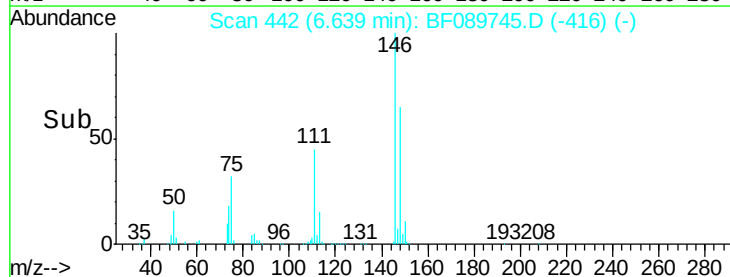
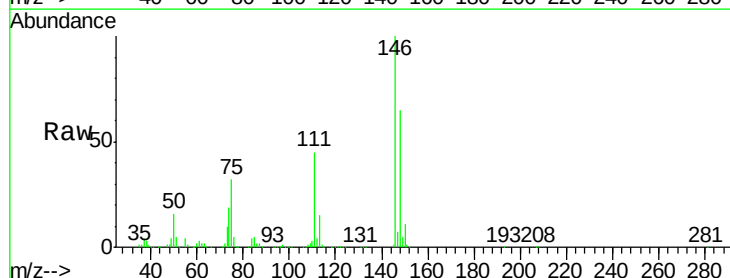
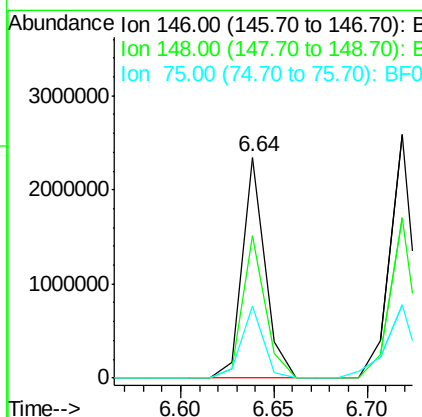
Manual Integrations
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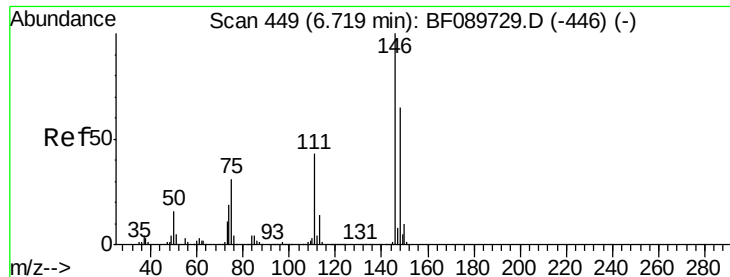
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.18 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.4
75	32.5	27.0	40.6





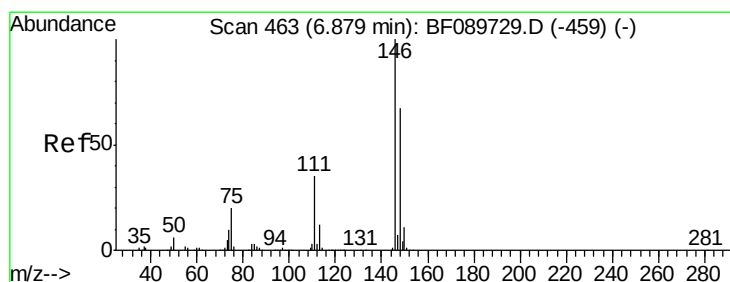
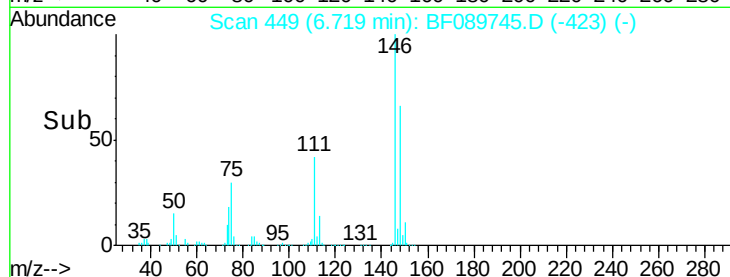
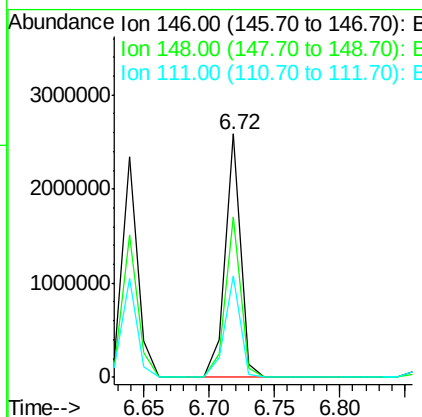
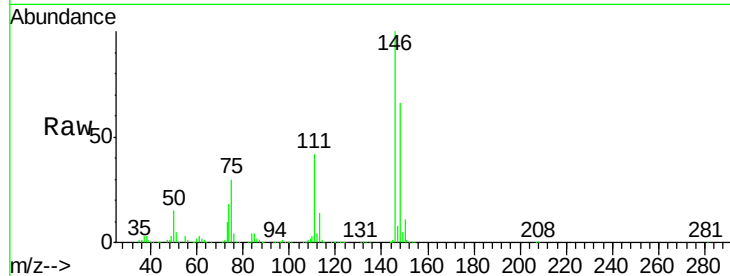
#13
 1,4-Dichlorobenzene
 Concen: 40.63 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.0	76.6
111	41.5	34.6	52.0

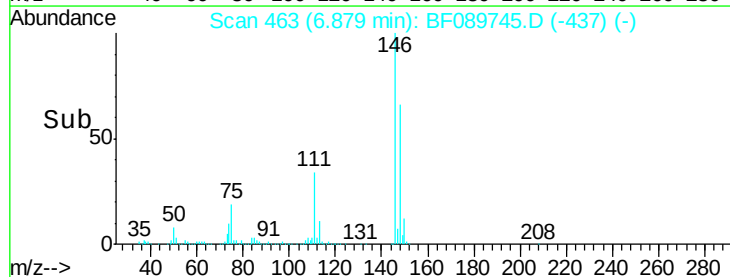
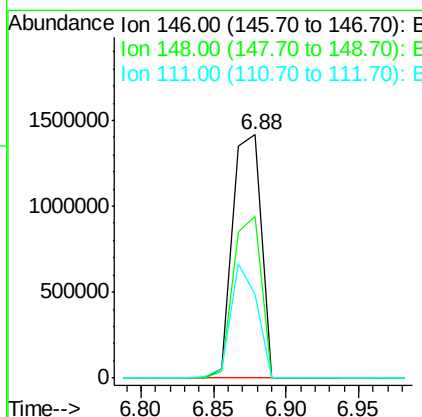
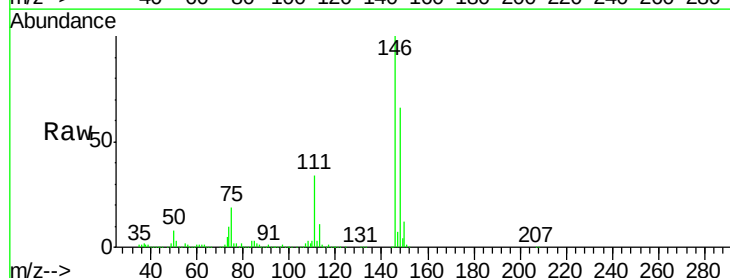
Manual Integrations
 APPROVED

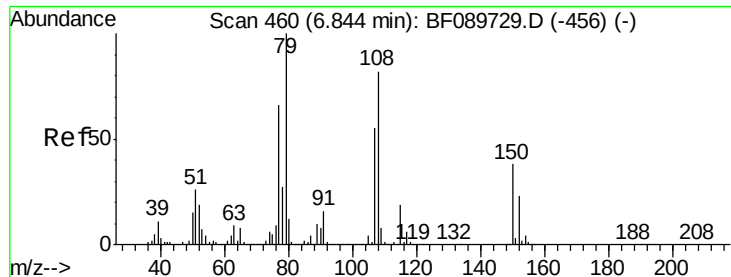
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.47 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.2	78.2
111	34.3	29.8	44.6





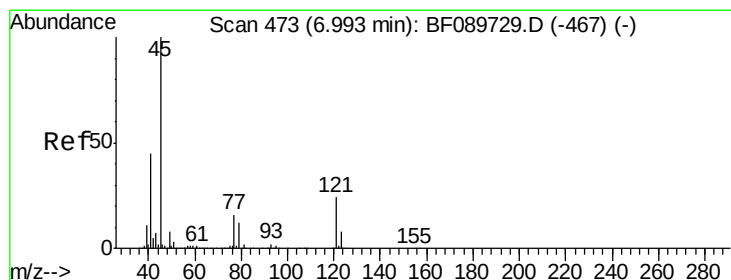
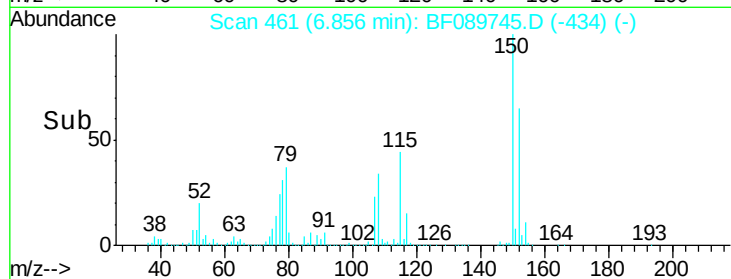
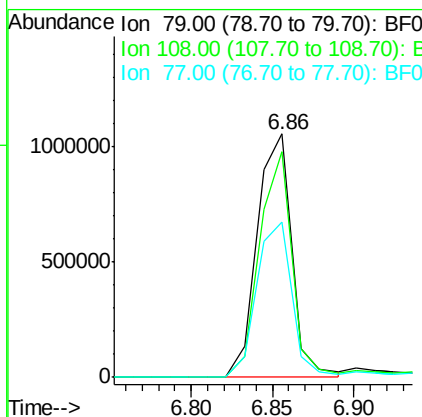
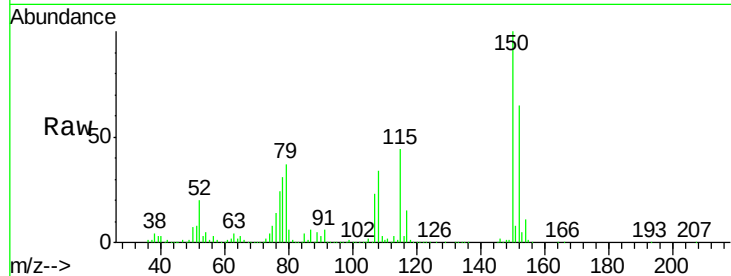
#15
Benzyl Alcohol
Concen: 44.65 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampled :
PB92884BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	92.9	62.5	93.7
77	63.9	51.5	77.3

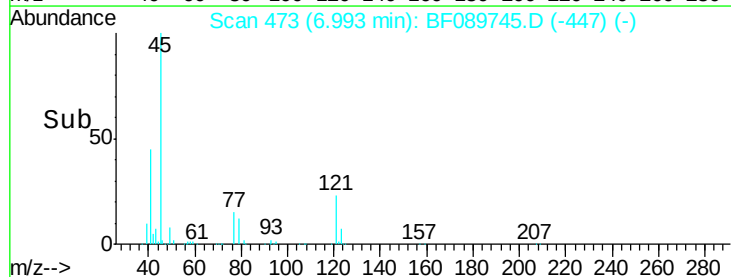
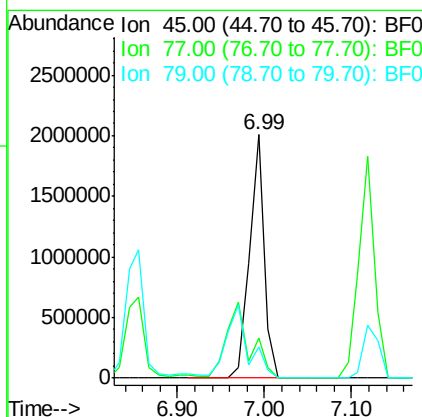
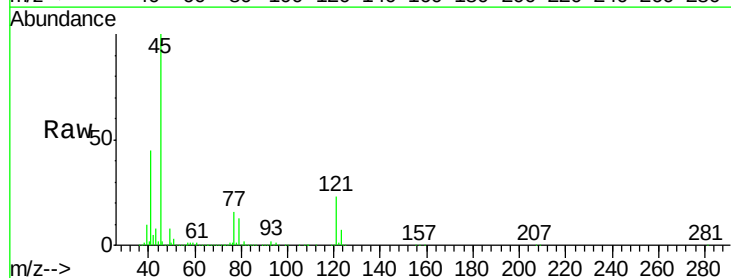
Manual Integrations
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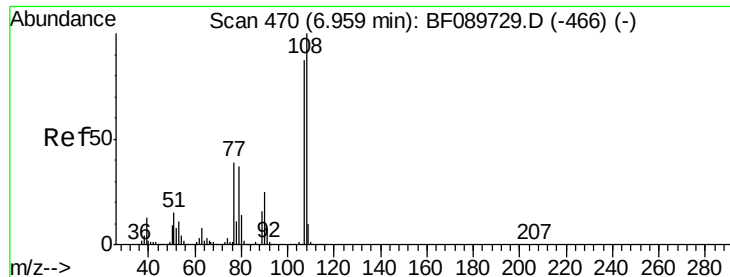
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.47 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	33.5
79	12.7	0.0	30.7





#17

2-Methylphenol

Concen: 47.95 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampled :

PB92884BSD

Tot Ion:107 Resp: 1857435

Ion Ratio Lower Upper

107 100

108 113.6 91.0 136.4

77 41.6 37.4 56.0

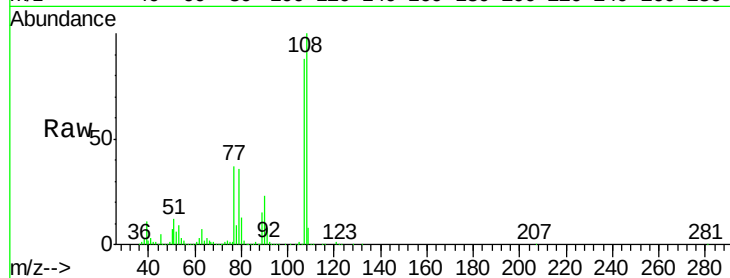
79 40.4 36.6 55.0

Manual Integrations

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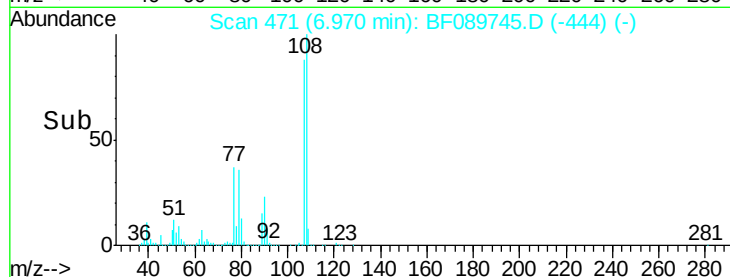


Abundance Ion 107.00 (106.70 to 107.70): E

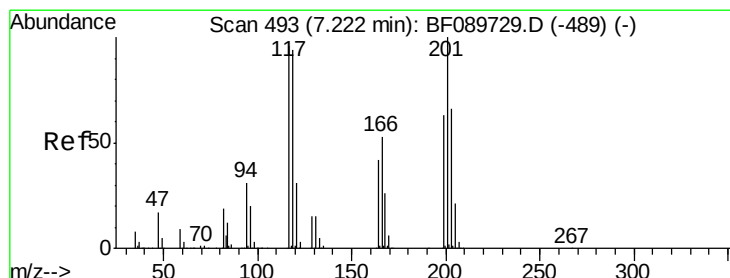
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.65 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

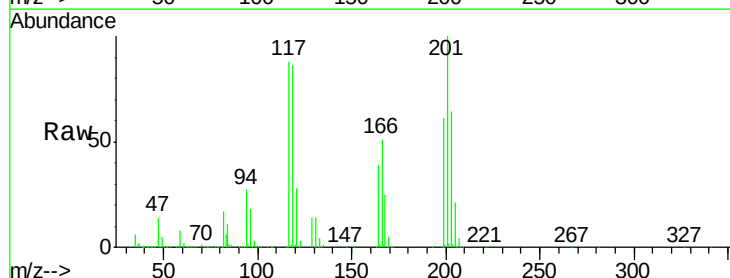
Tgt Ion:117 Resp: 805890

Ion Ratio Lower Upper

117 100

119 97.4 77.1 115.7

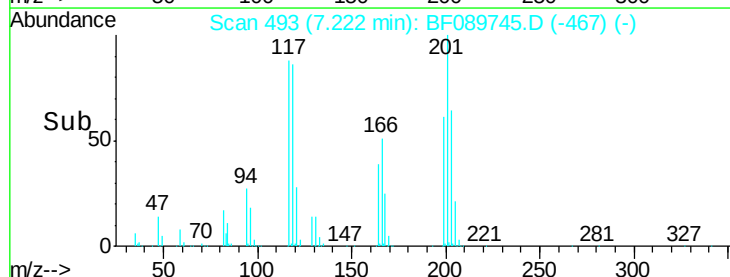
201 113.6 76.9 115.3



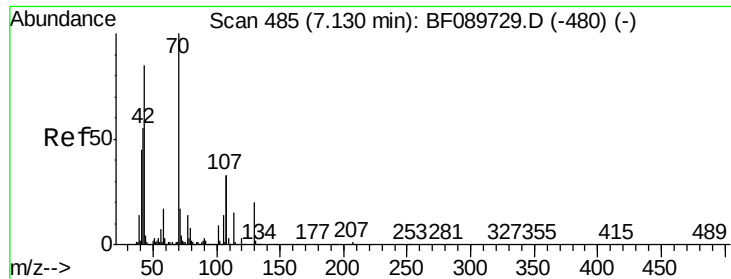
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



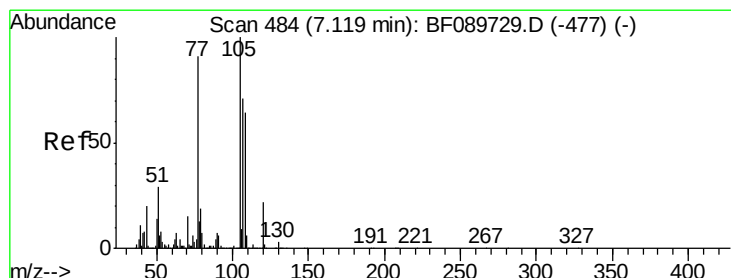
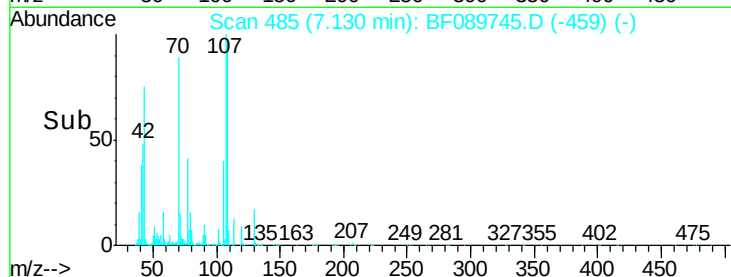
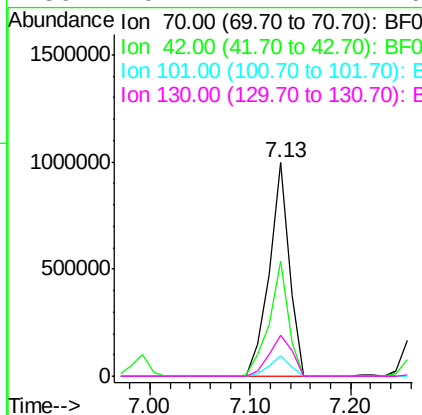
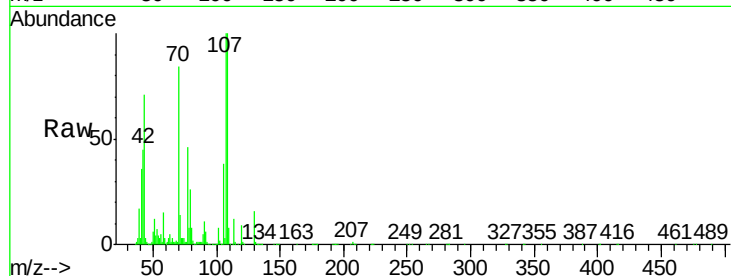
#19
n-Nitroso-di-n-propylamine
Concen: 40.14 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	46.3	69.5	
101	9.5	7.0	10.6	
130	19.1	14.4	21.6	

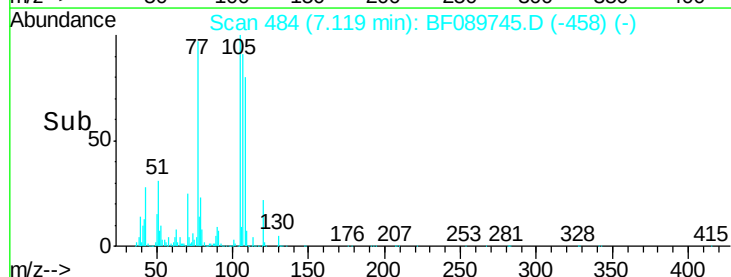
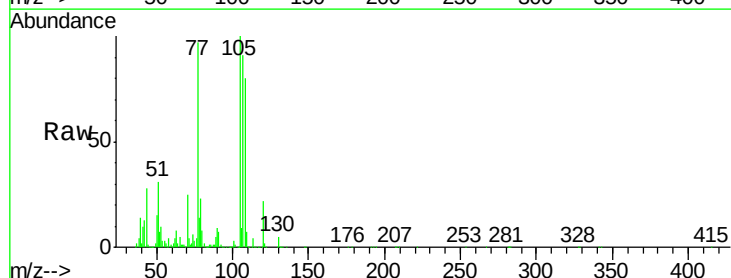
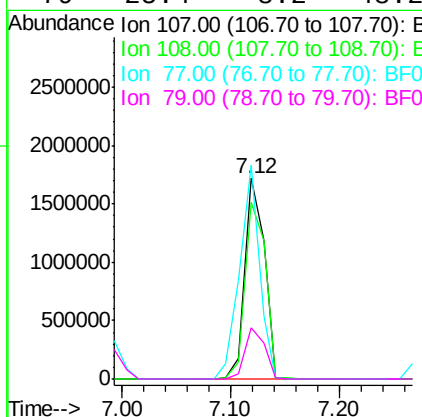
Manual Integrations
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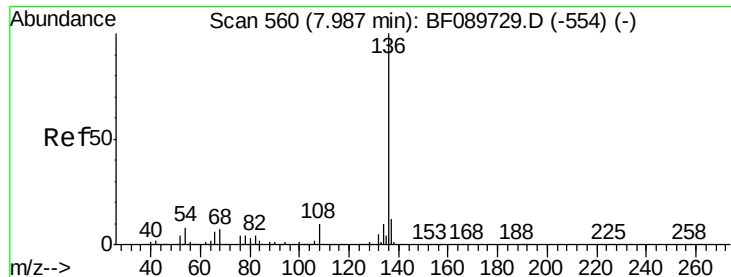
sohil
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#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	68.2	108.2	
77	106.6	122.3	162.3	
79	25.4	8.2	48.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

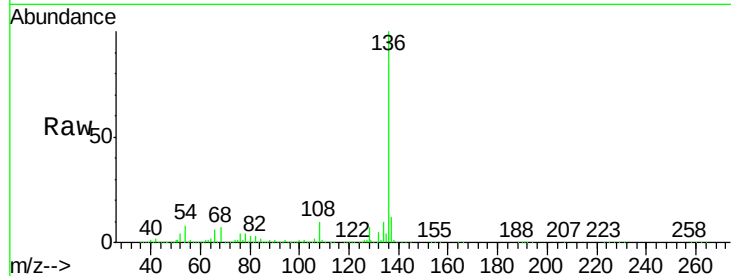
ClientSampleId :

PB92884BSD

Tot Ion	136	Resp	2779891
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.5	7.2	10.8
68	6.5	5.8	8.8

Manual Integrations
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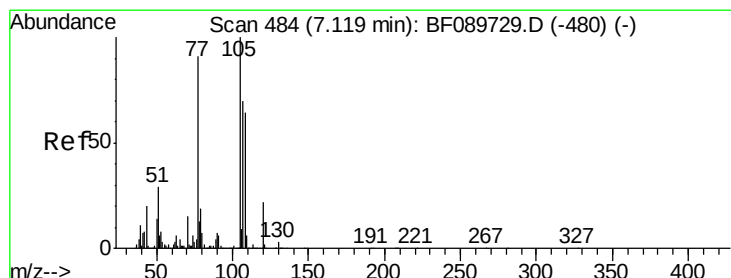
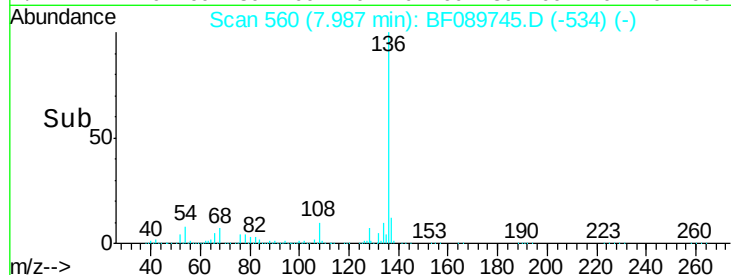
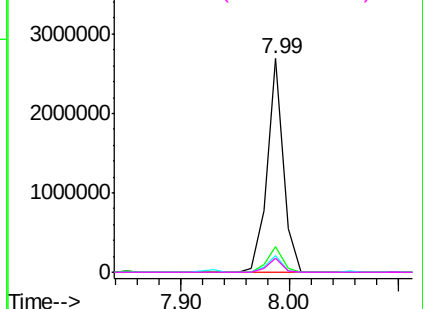
Abundance

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: 37.25 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tgt Ion	105	Resp	2407281
Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.9	2.9#
51	31.4	28.5	42.7
120	21.9	16.6	25.0

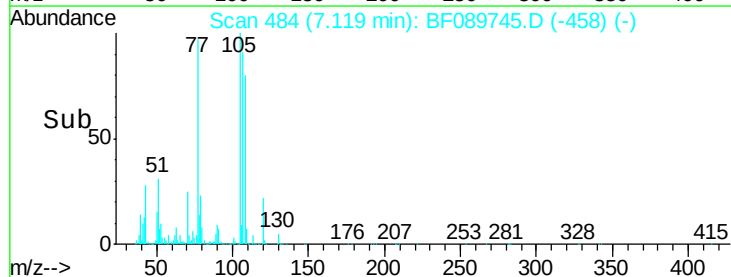
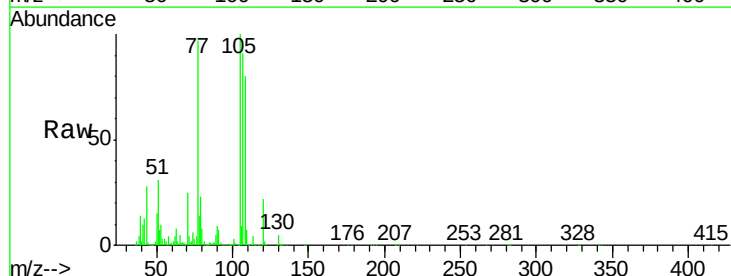
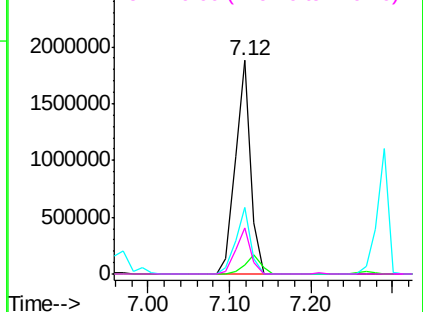
Abundance

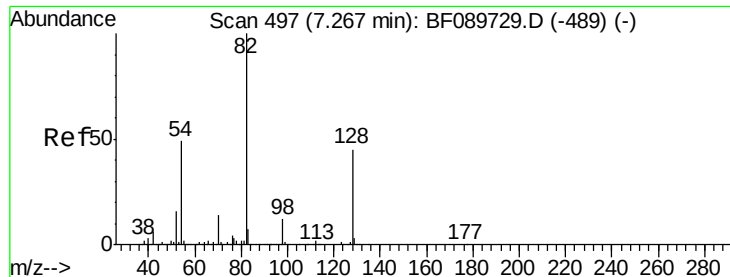
Ion 105.00 (104.70 to 105.70): E

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





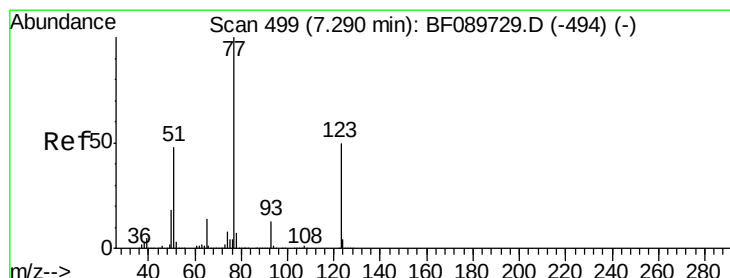
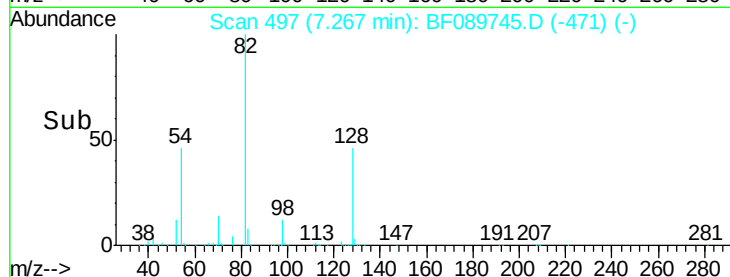
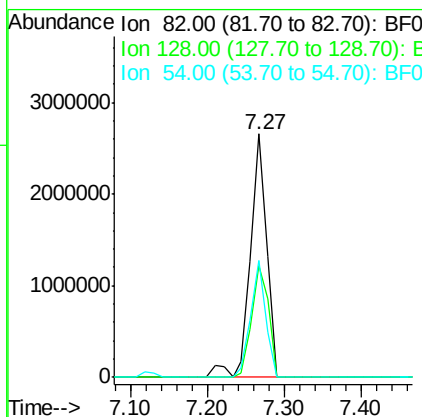
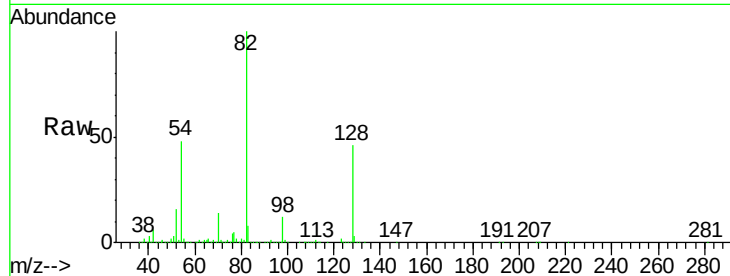
#23
Nitrobenzene-d5
Concen: 85.31 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion	82	Resp	3883778
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.4	51.6
54	47.9	40.3	60.5

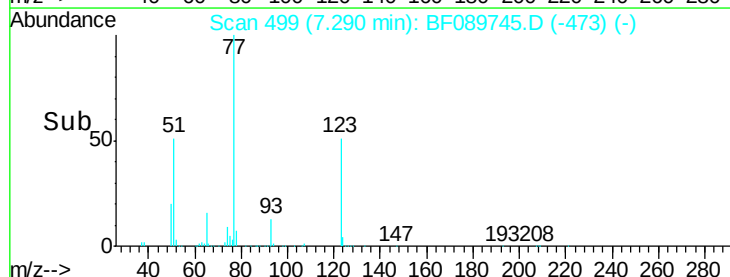
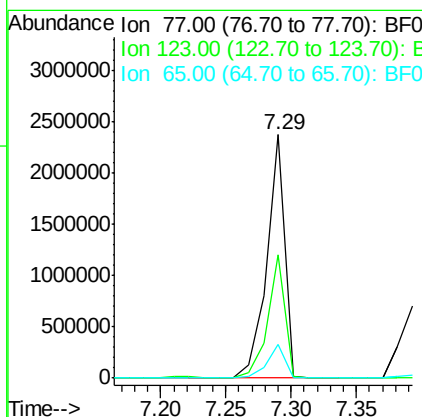
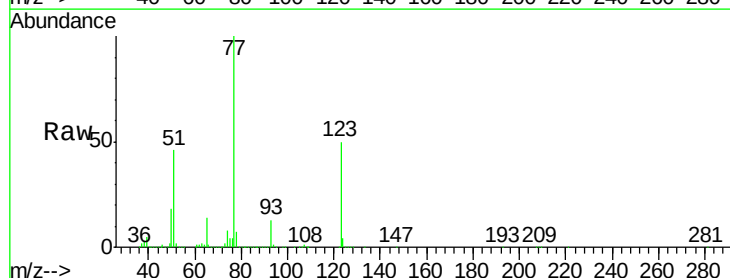
Manual Integrations
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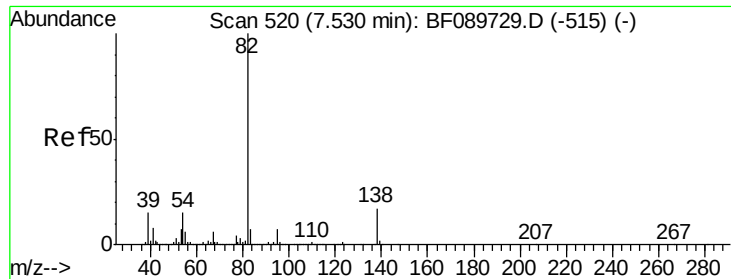
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#24
Nitrobenzene
Concen: 44.71 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	77	Resp	2289916
Ion	Ratio	Lower	Upper
77	100		
123	50.5	36.2	54.2
65	13.8	10.6	15.8





#25

Isophorone

Concen: 43.38 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion: 82 Resp: 3951216

Ion Ratio Lower Upper

82 100

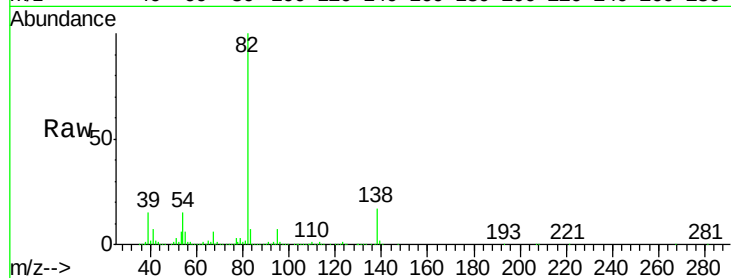
95 6.7 5.3 7.9

138 16.9 13.0 19.4

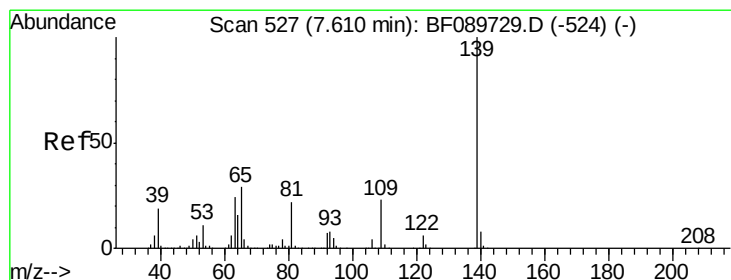
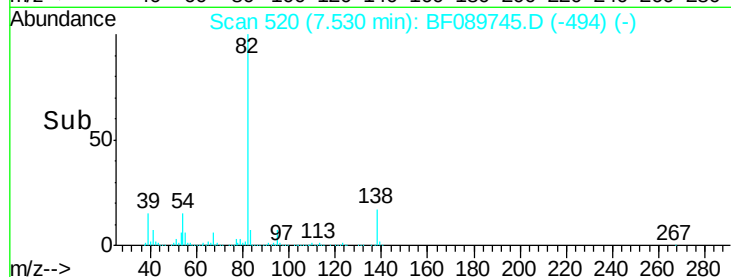
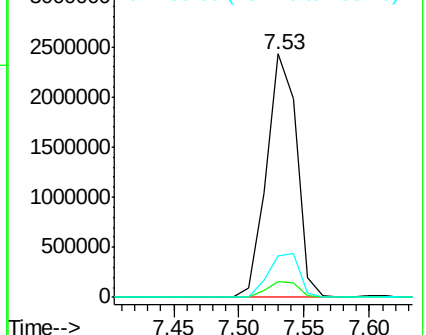
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.10 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

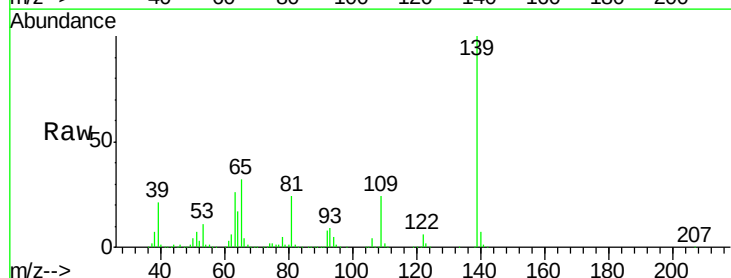
Tgt Ion: 139 Resp: 1135037

Ion Ratio Lower Upper

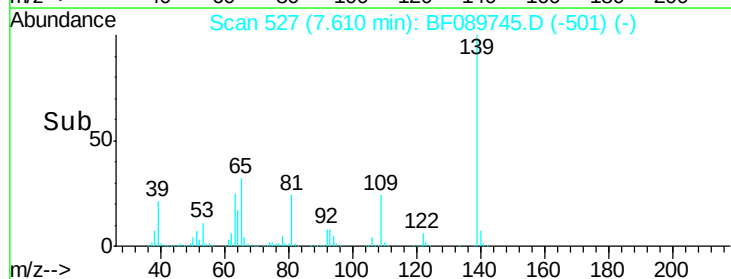
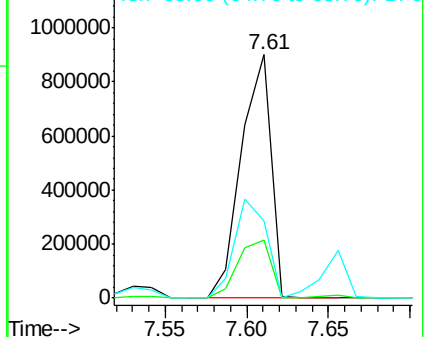
139 100

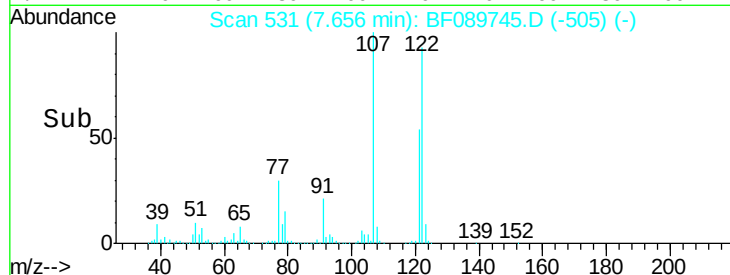
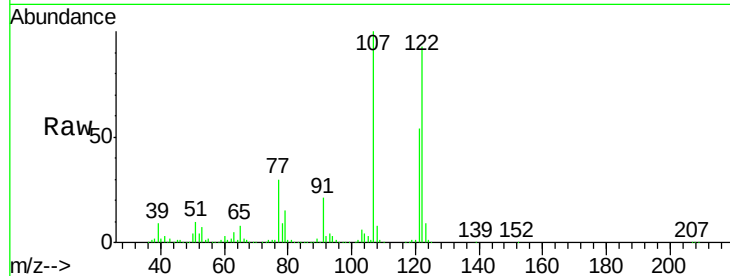
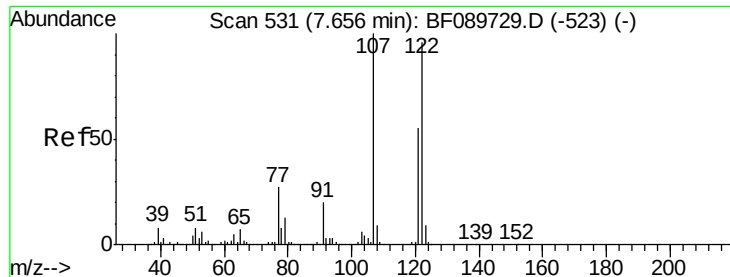
109 23.7 19.5 29.3

65 31.6 26.5 39.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.10 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tot Ion:	122	Resp:	2151293
Ion	Ratio	Lower	Upper
122	100		
107	107.5	84.8	127.2
121	57.9	47.0	70.6

Instrument :

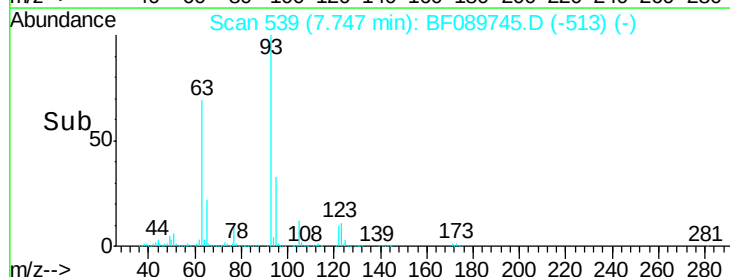
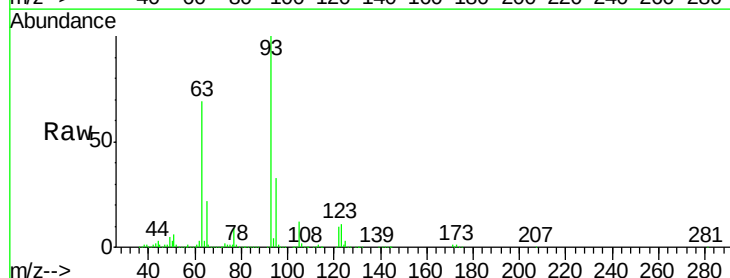
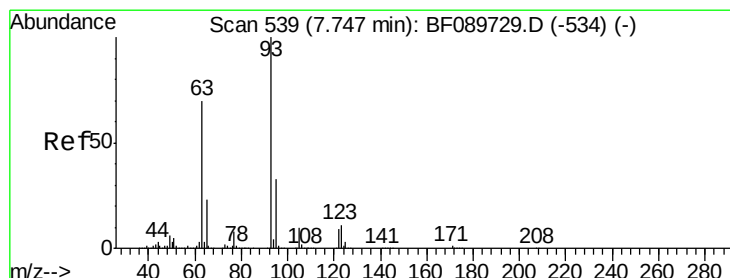
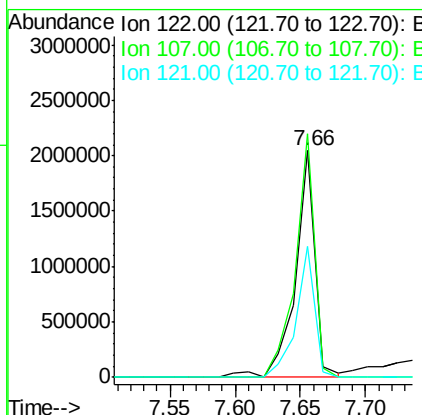
BNA_F

ClientSampled :

PB92884BSD

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#28

bis(2-Chloroethoxy)methane

Concen: 43.50 ng

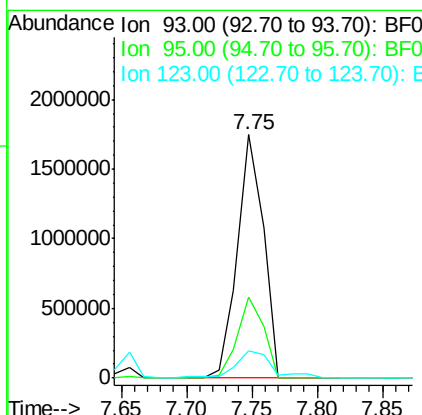
RT: 7.75 min Scan# 539

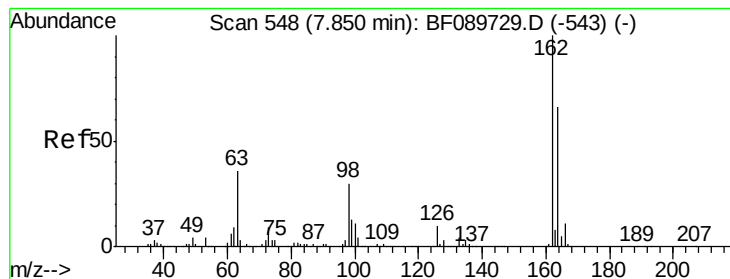
Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tgt Ion:	93	Resp:	2407716
Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	11.2	8.5	12.7





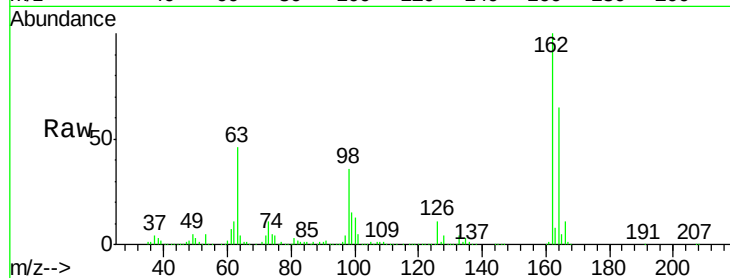
#29
 2,4-Dichlorophenol
 Concen: 48.38 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.5	85.5
98	35.8	12.4	52.4

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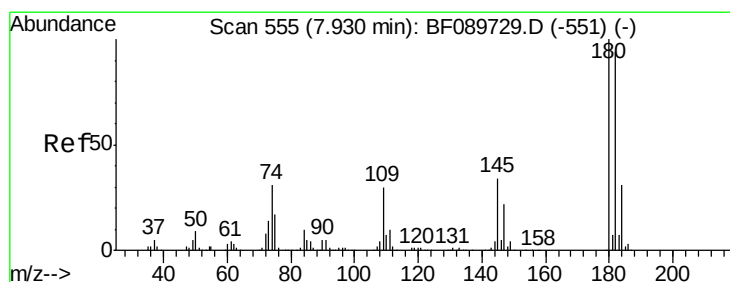
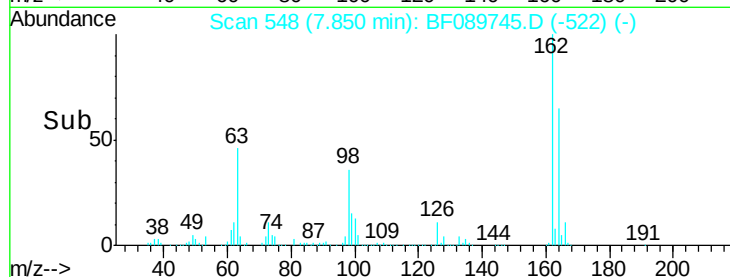
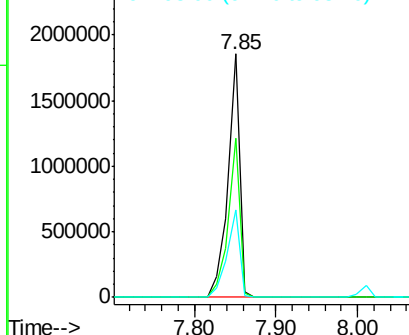


Abundance

Ion 162.00 (161.70 to 162.70): E

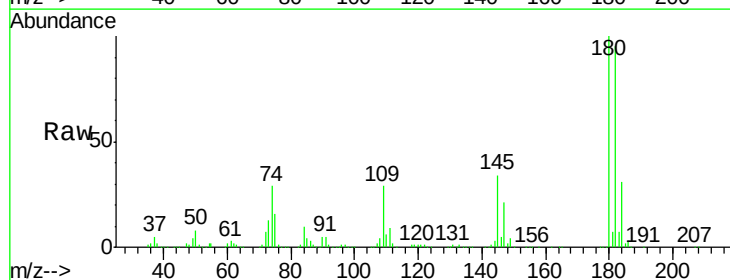
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.39 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.5	113.3
145	33.8	28.7	43.1

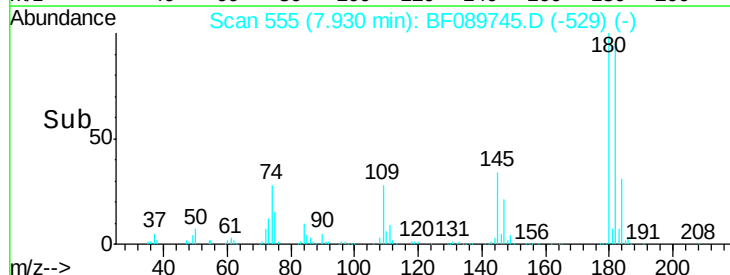
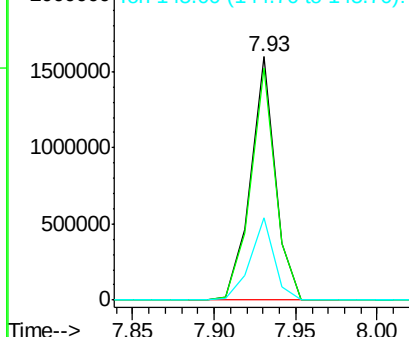


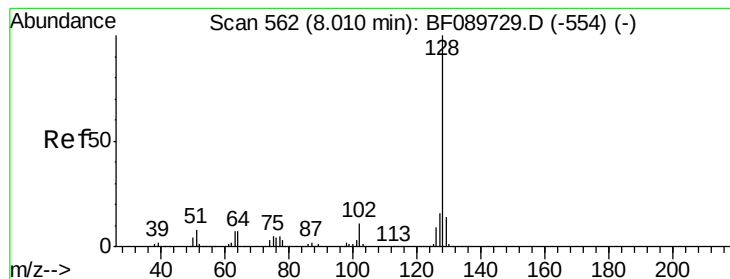
Abundance

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: 41.51 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:128 Resp: 5179096

Ion Ratio Lower Upper

128 100

129 13.9 9.5 14.3

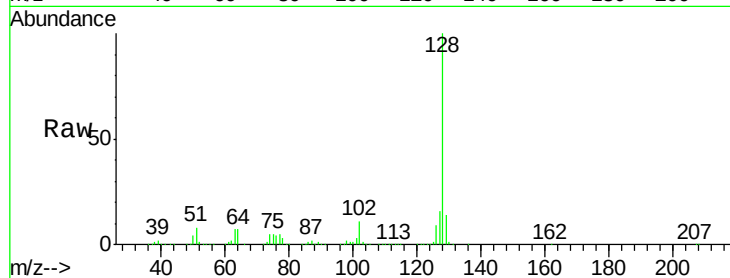
127 16.1 11.3 16.9

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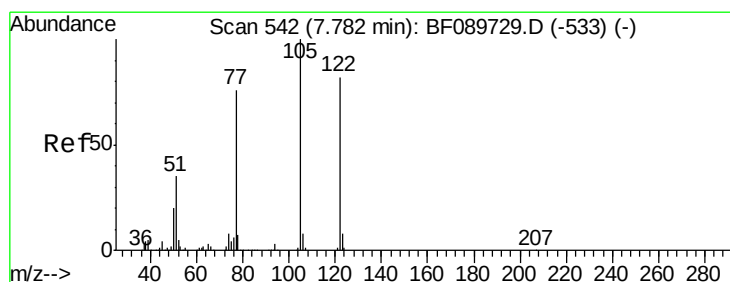
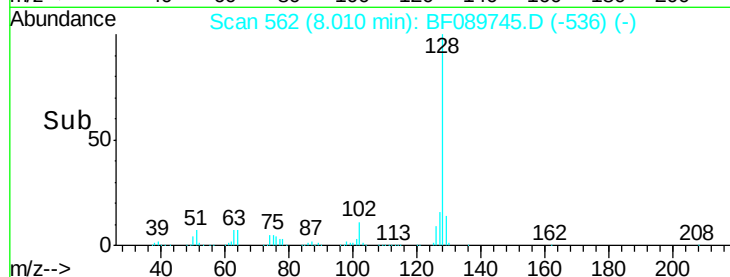
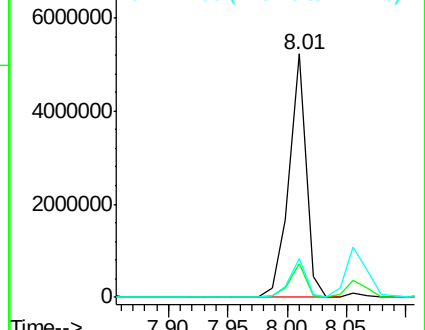
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.69 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

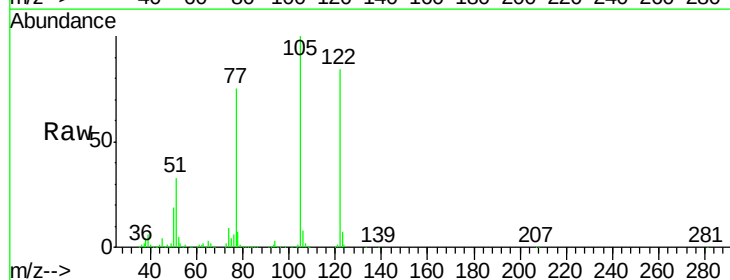
Tgt Ion:122 Resp: 1338374

Ion Ratio Lower Upper

122 100

105 119.7 100.8 140.8

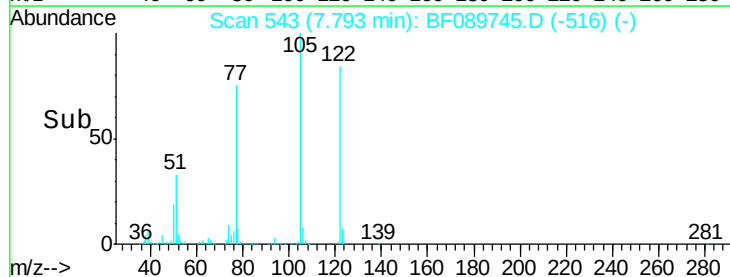
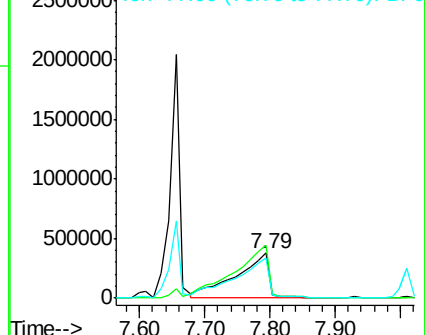
77 90.3 72.1 112.1

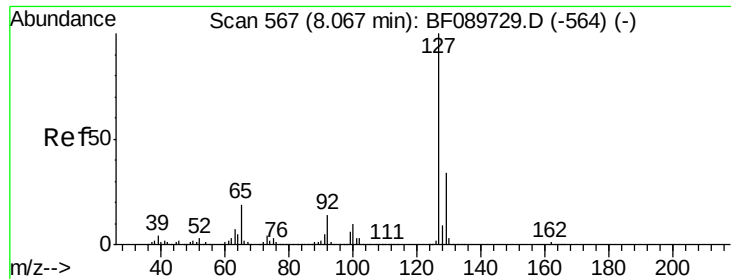


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





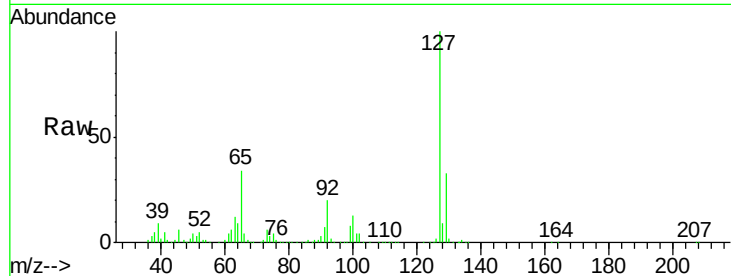
#33
4-Chloroaniline
Concen: 23.48 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

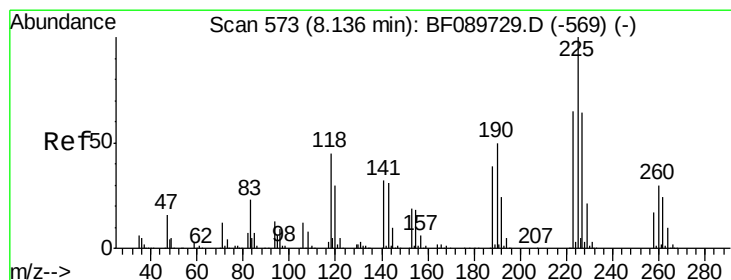
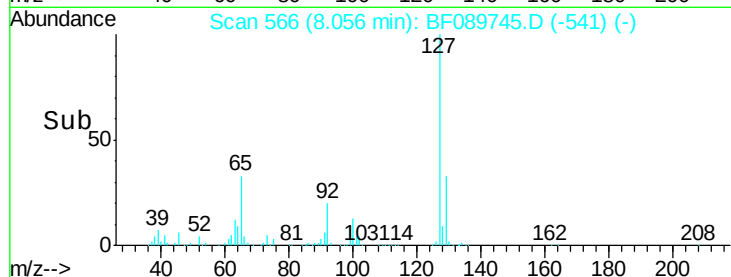
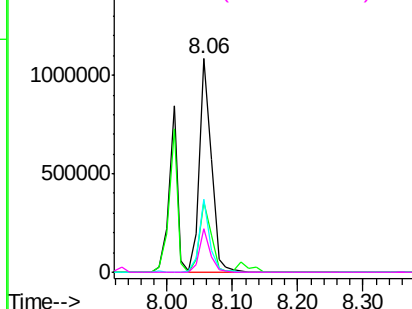
Tot Ion	127	Resp	1355795
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.6
65	34.0	14.7	22.1#
92	20.3	11.7	17.5#

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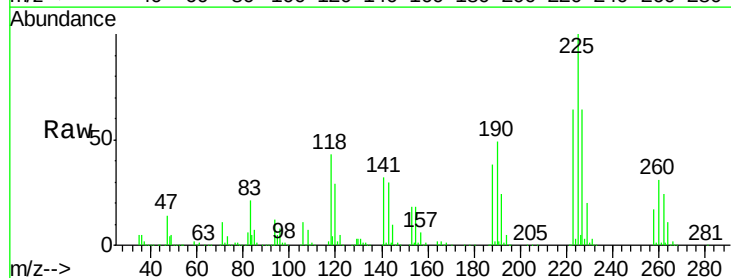


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

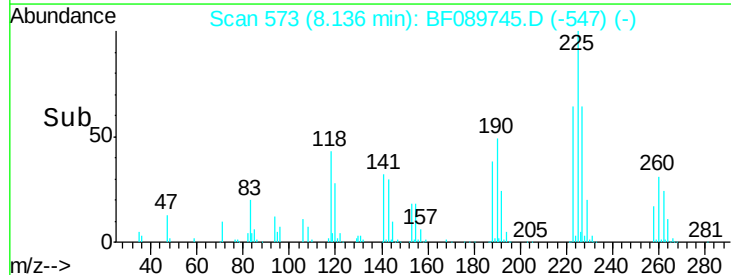
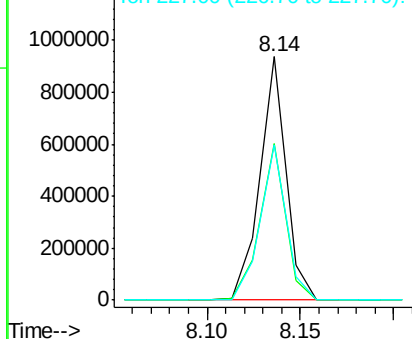


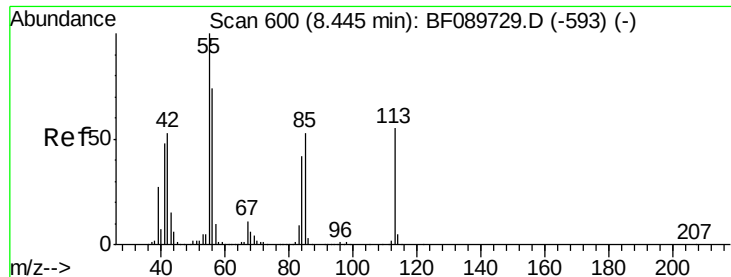
#34
Hexachlorobutadiene
Concen: 42.23 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	225	Resp	905580
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.0	49.8	74.6



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





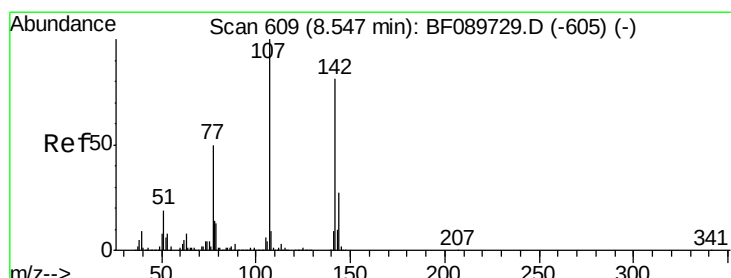
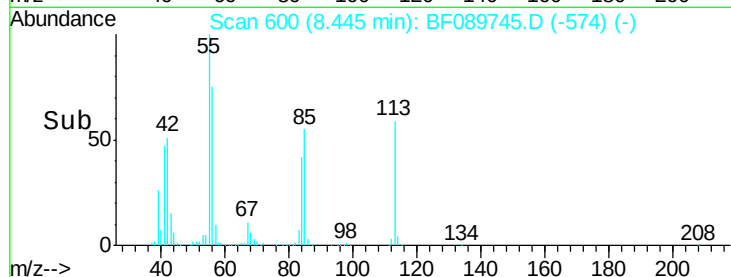
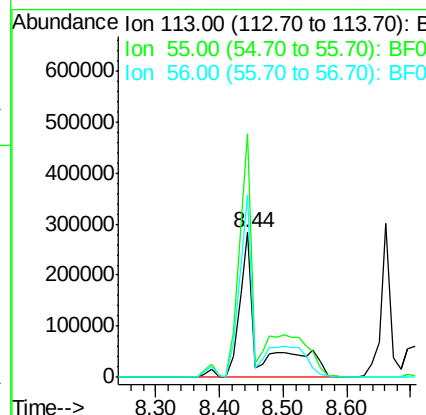
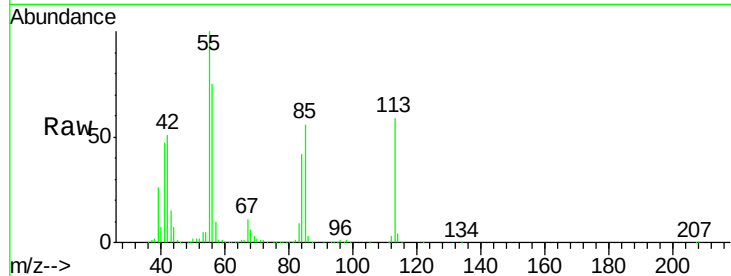
#35
 Caprolactam
 Concen: 53.91 ng/ml
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.4	135.9	175.9
56	126.0	93.9	133.9

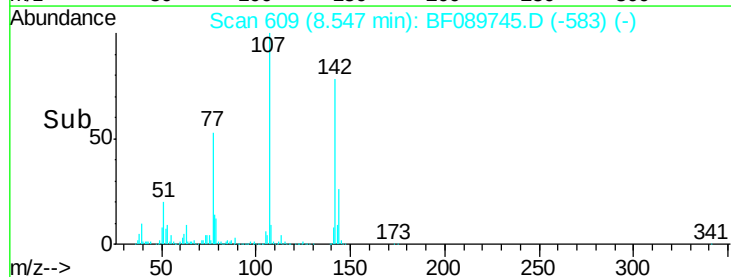
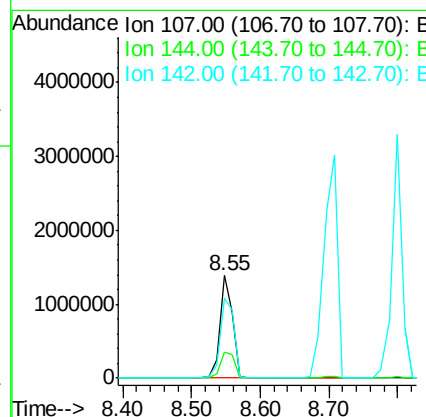
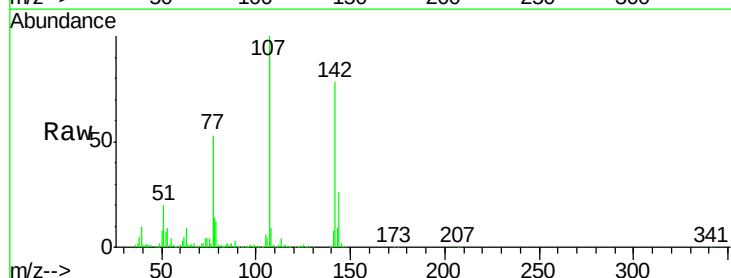
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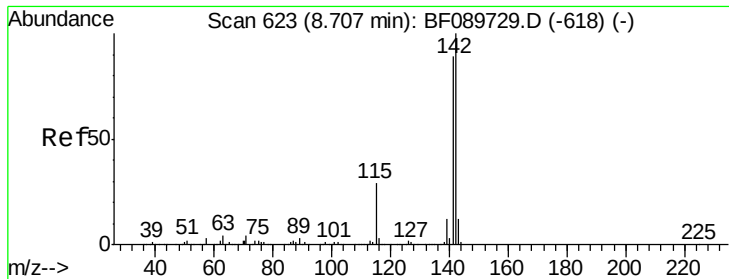
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#36
 4-Chloro-3-methylphenol
 Concen: 43.19 ng/ml
 RT: 8.55 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	22.6	34.0
142	78.0	69.3	103.9





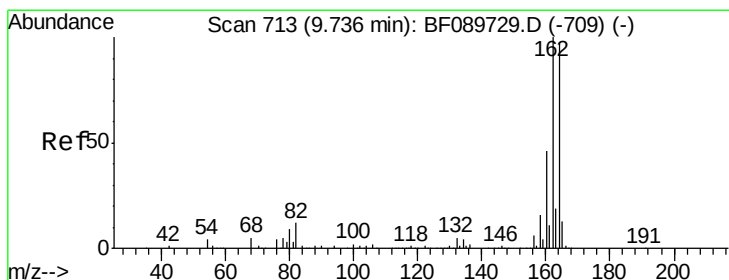
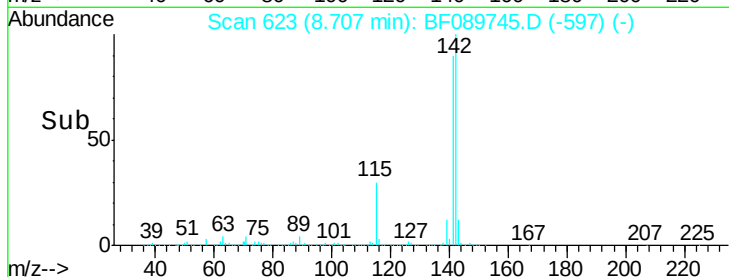
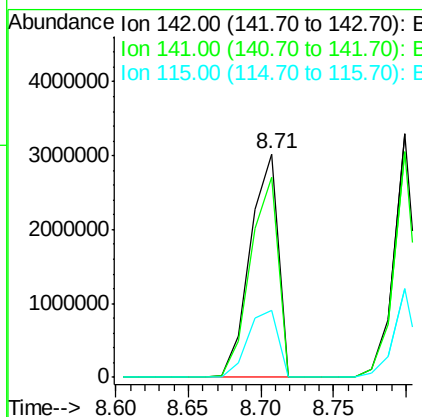
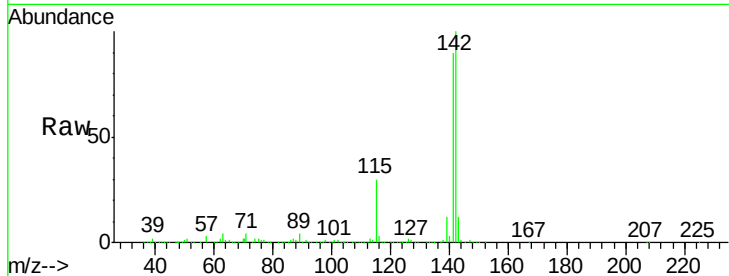
#37
2-Methylnaphthalene
Concen: 47.47 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion:142 Resp: 4031615
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 30.0 22.7 34.1

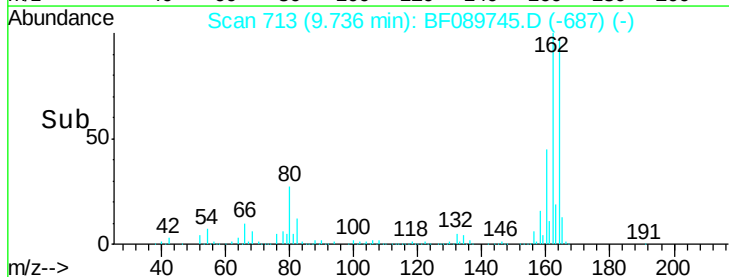
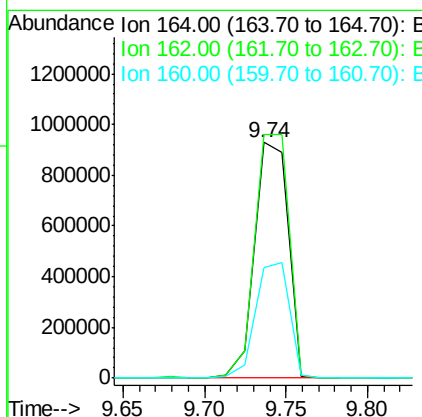
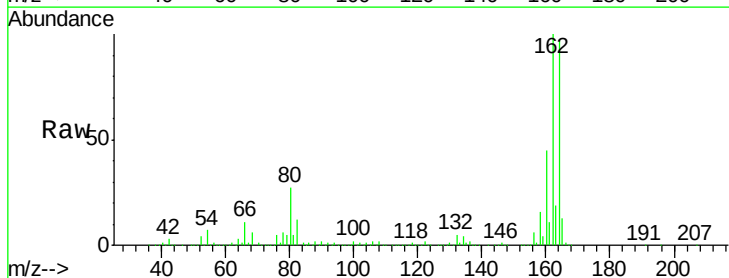
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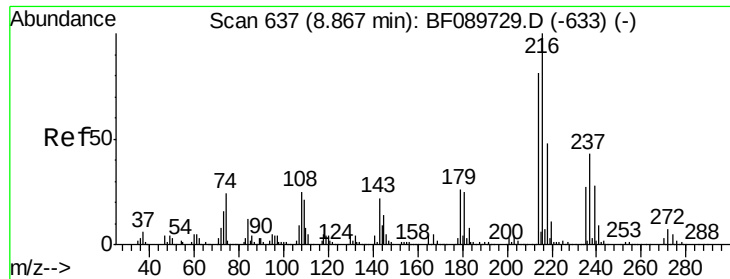
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion:164 Resp: 1332375
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.2
160 46.7 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.07 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampled :

PB92884BSD

Tot Ion:216 Resp: 1159492

Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

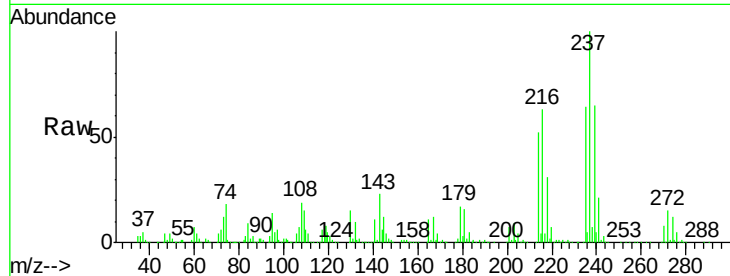
179 23.2 19.9 29.9

108 26.9 19.9 29.9

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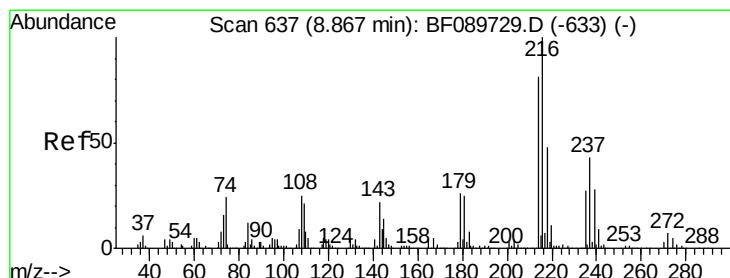
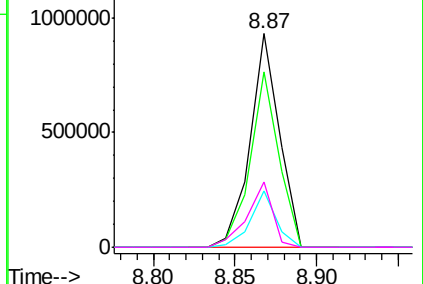
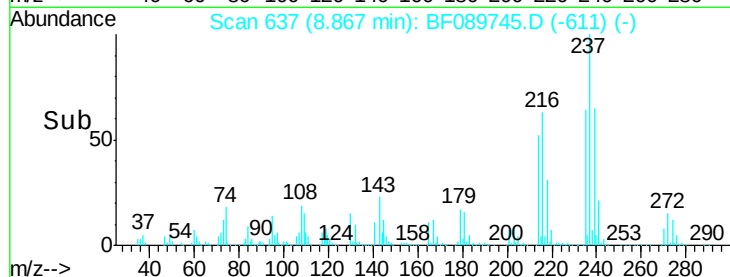


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.85 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

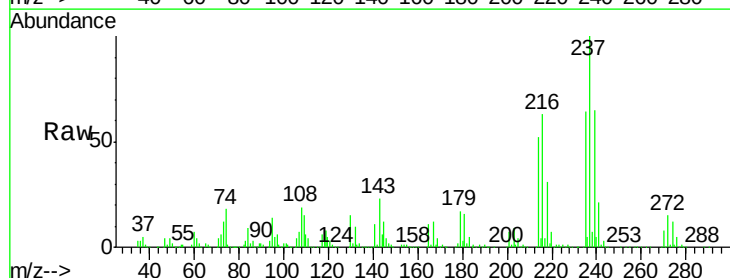
Tgt Ion:237 Resp: 1848724

Ion Ratio Lower Upper

237 100

235 63.6 43.7 83.7

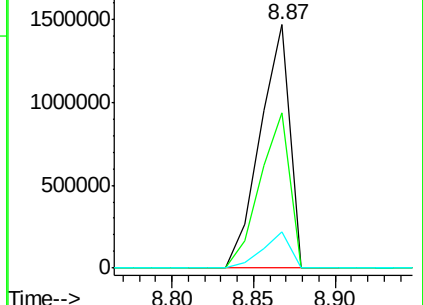
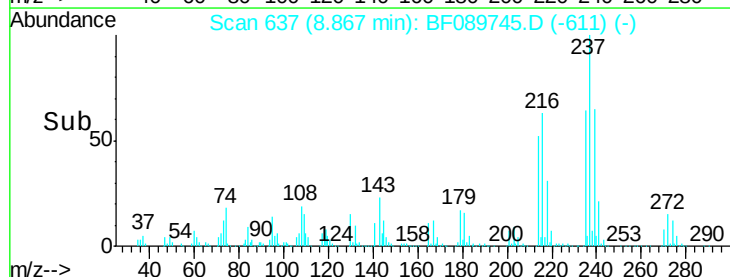
272 15.0 0.0 31.6

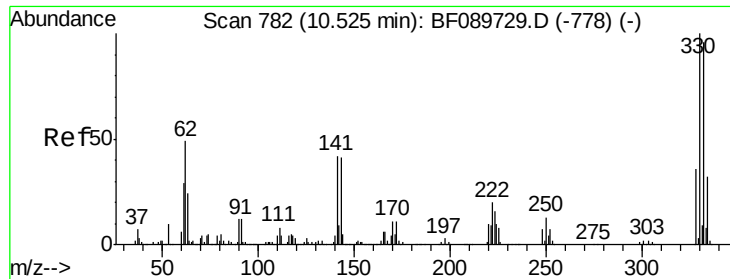


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





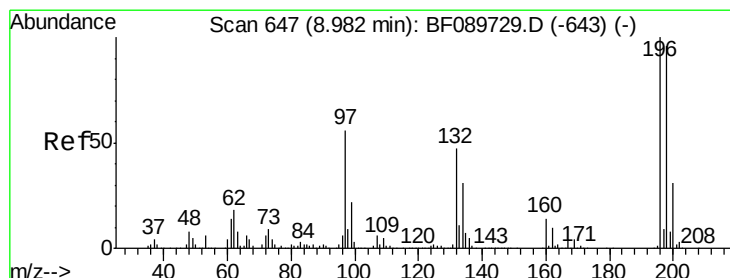
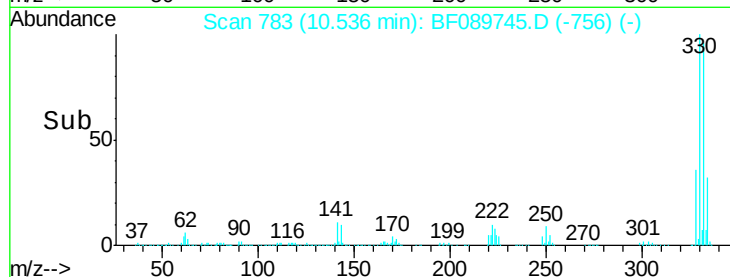
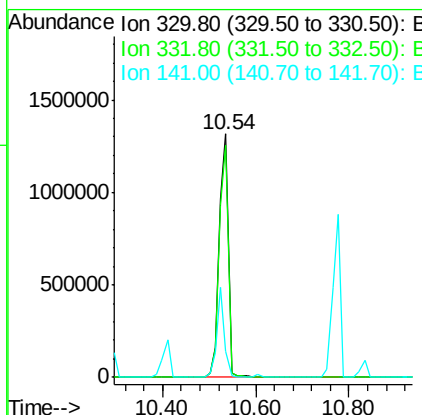
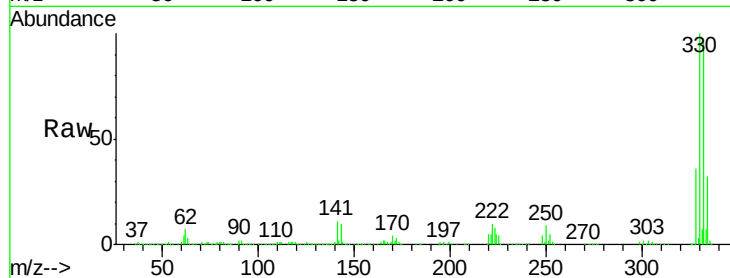
#41
 2,4,6-Tribromophenol
 Concen: 135.89 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion:330 Resp: 1751569
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 31.4 30.2 45.2

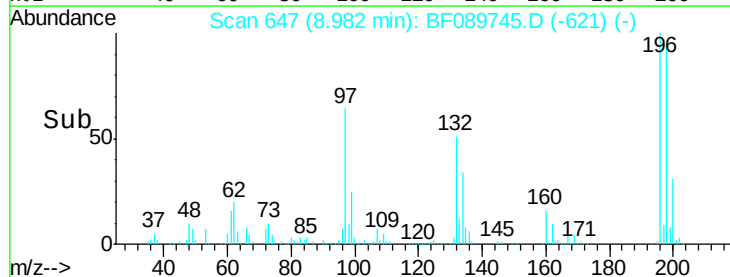
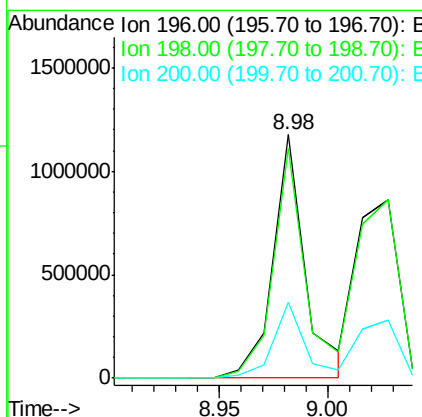
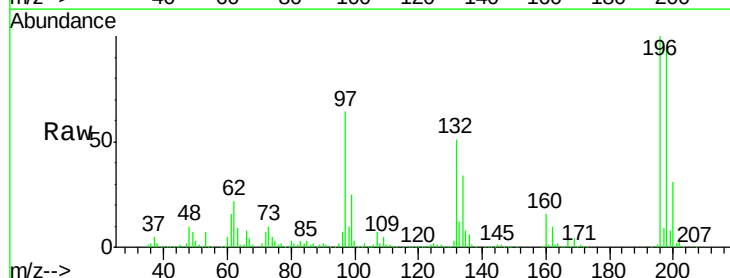
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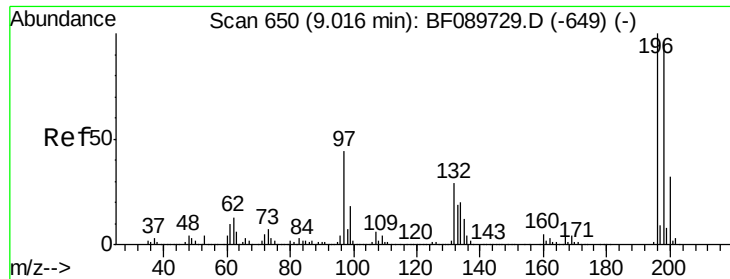
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#42
 2,4,6-Trichlorophenol
 Concen: 44.25 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion:196 Resp: 1224447
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 31.3 24.6 36.8





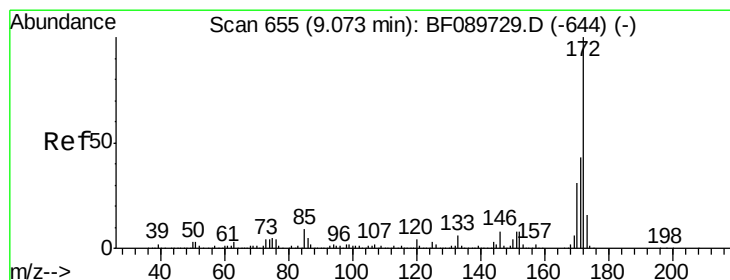
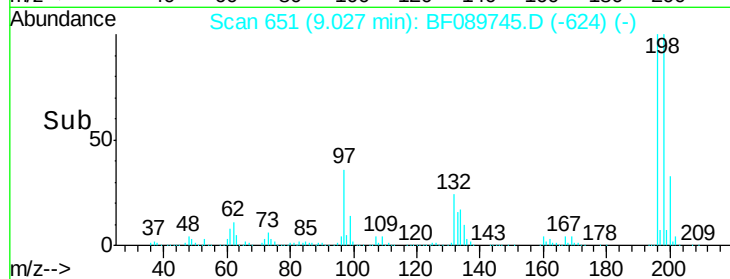
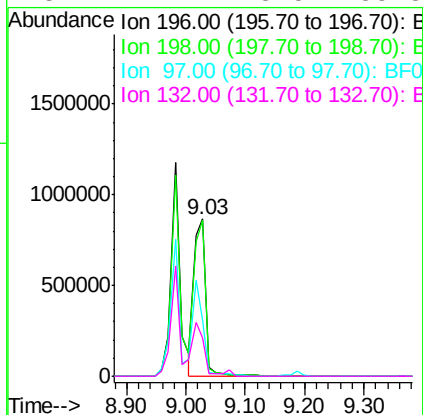
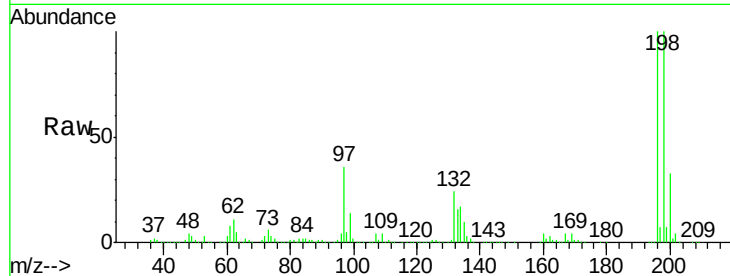
#43
 2,4,5-Trichlorophenol
 Concen: 45.78 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.6	114.8
97	36.1	35.8	53.8
132	24.2	23.5	35.3

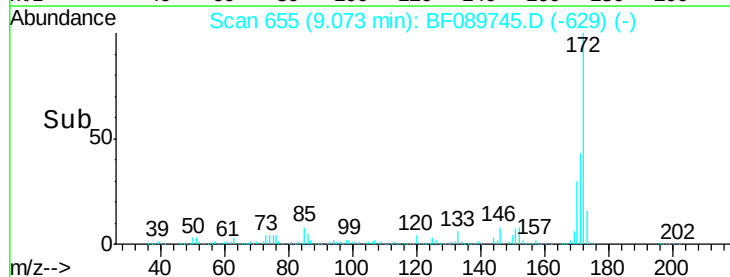
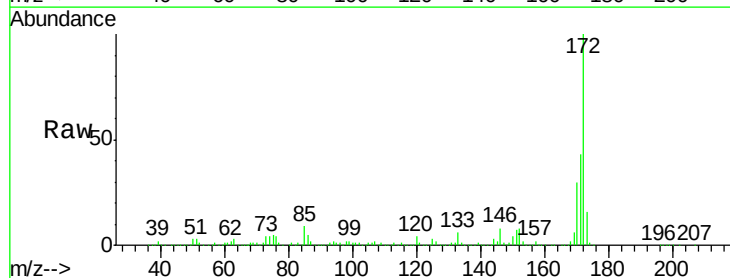
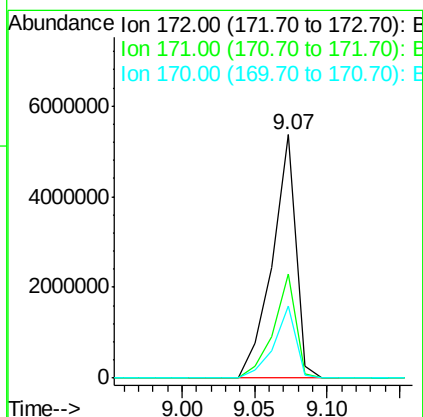
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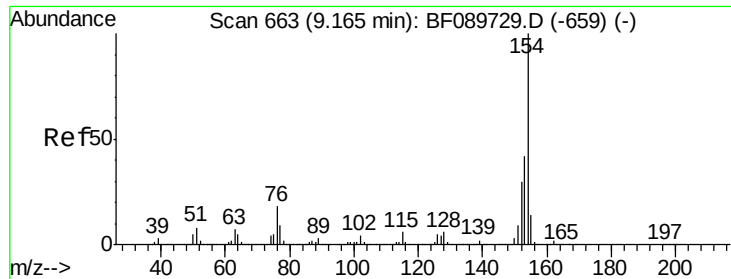
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#44
 2-Fluorobiphenyl
 Concen: 73.09 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.7	30.5	45.7
170	29.8	20.6	31.0





#45

1,1'-Biphenyl

Concen: 37.00 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

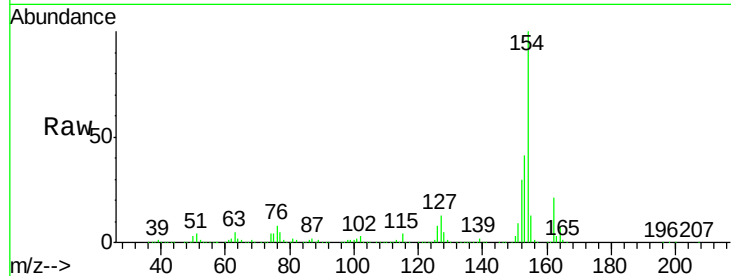
ClientSampleId :

PB92884BSD

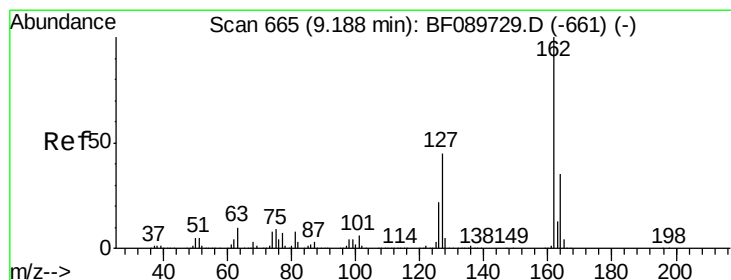
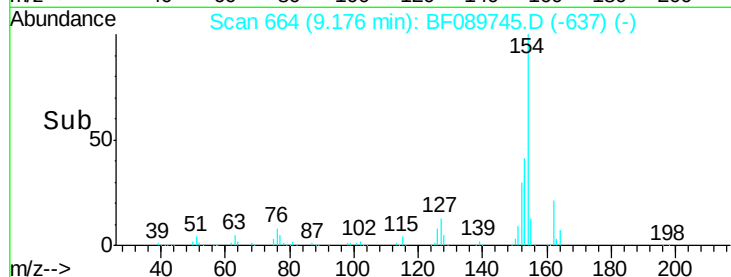
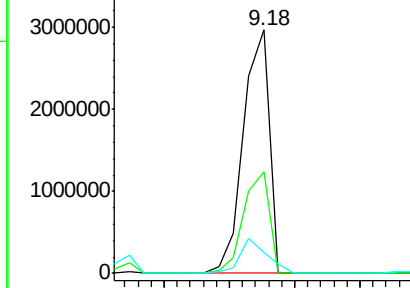
Tot Ion:	154	Resp:	4083266
Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.5	61.5
76	8.5	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.76 ng

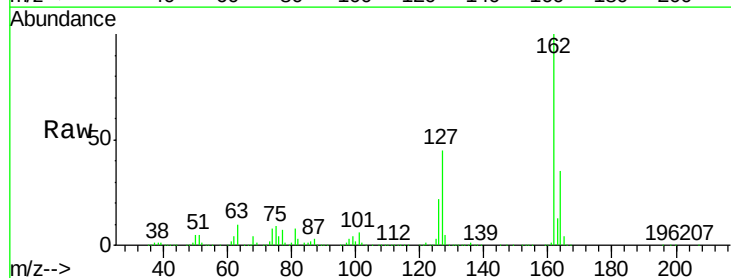
RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

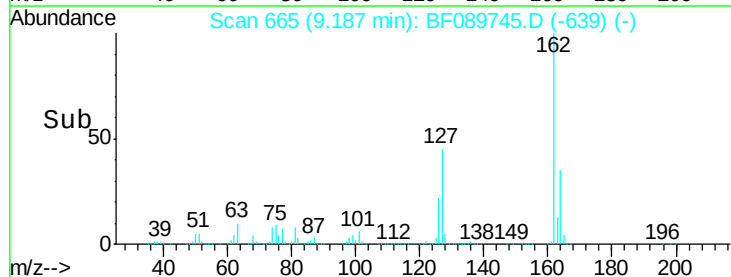
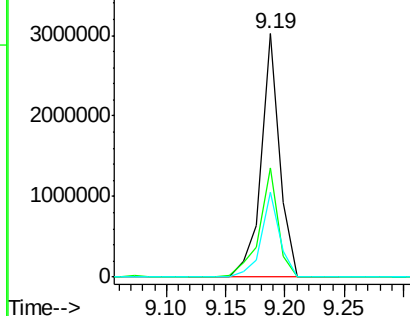
Lab File: BF089745.D

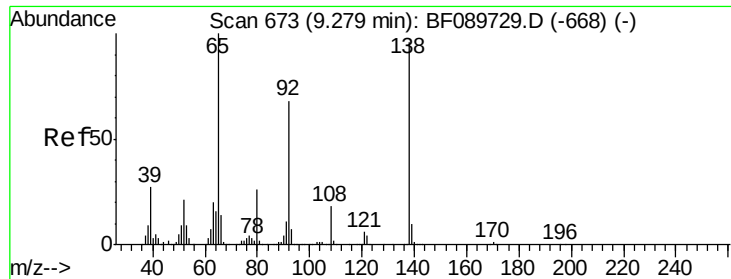
Acq: 17 Aug 2016 5:49

Tgt Ion:	162	Resp:	3287295
Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.5	53.3
164	35.0	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: 51.89 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion: 65 Resp: 1307355

Ion Ratio Lower Upper

65 100

92 79.3 56.3 84.5

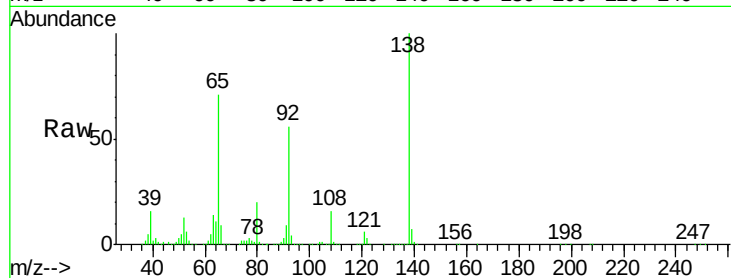
138 141.7 81.8 122.8#

Manual Integrations

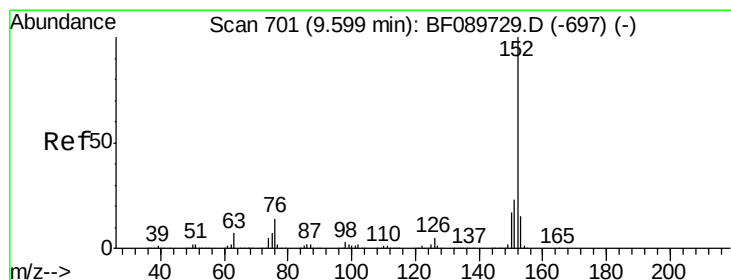
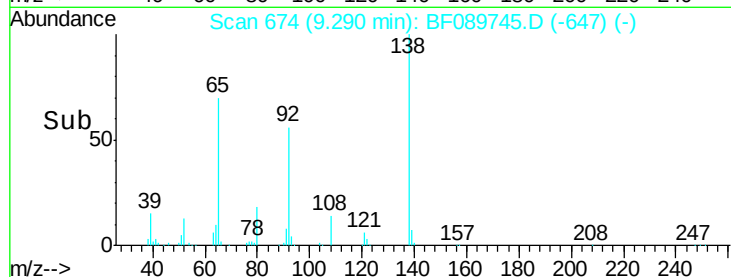
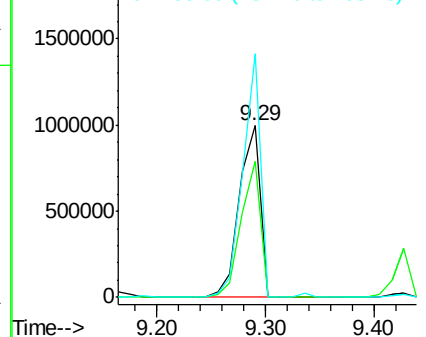
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.31 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

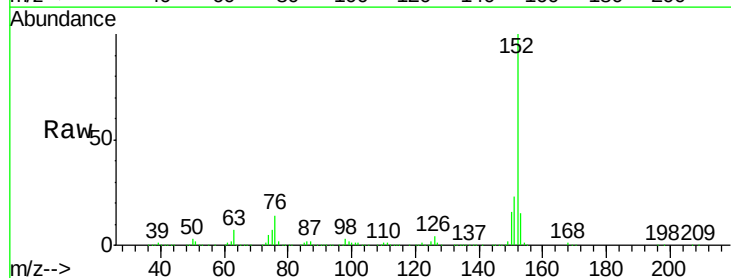
Tgt Ion:152 Resp: 5386213

Ion Ratio Lower Upper

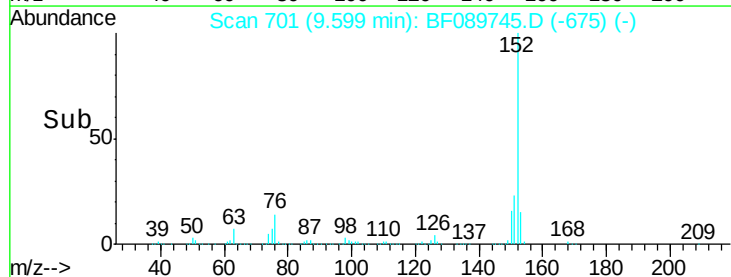
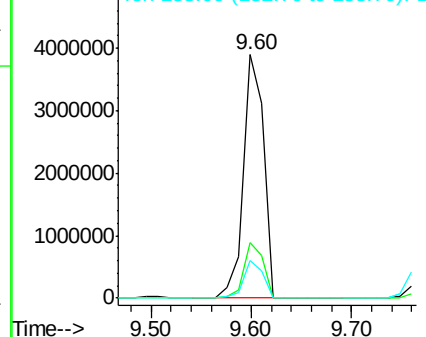
152 100

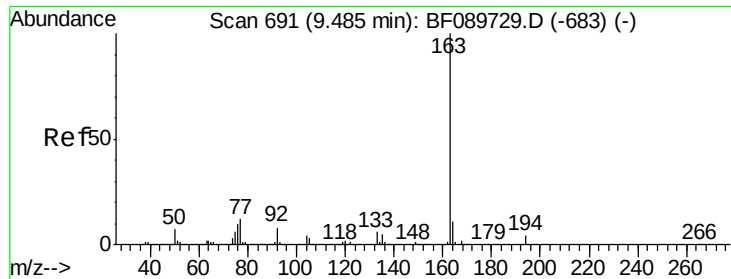
151 22.7 17.1 25.7

153 15.4 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





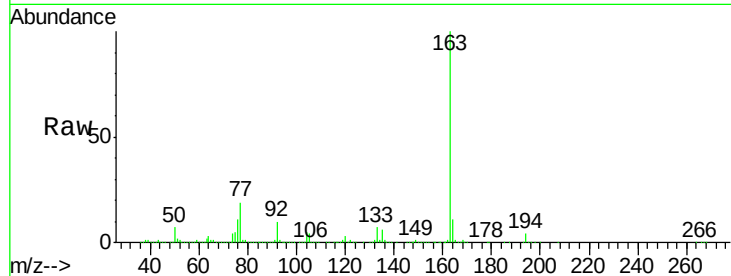
#49
Dimethylphthalate
Concen: 46.16 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

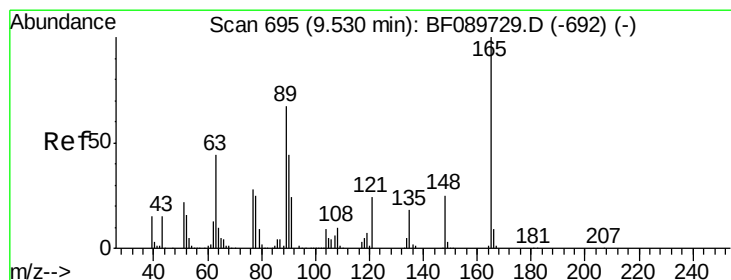
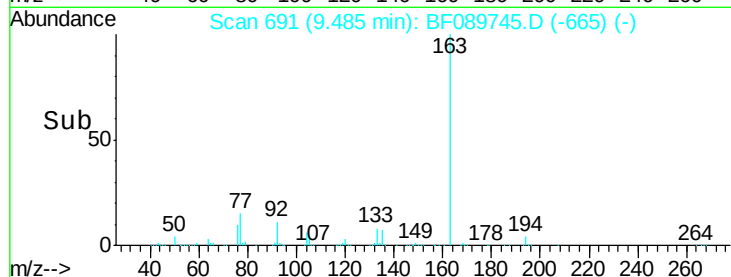
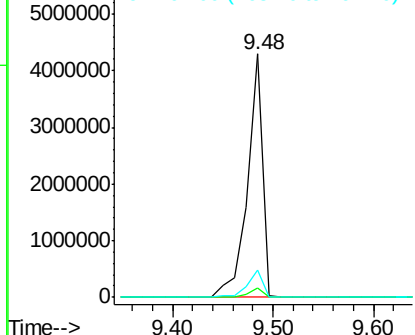
Tot Ion:163 Resp: 4450597
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 11.4 8.6 12.8

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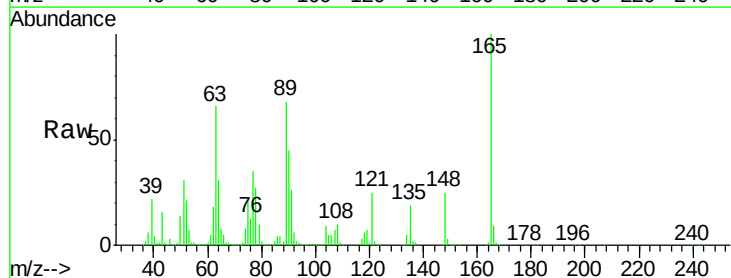


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

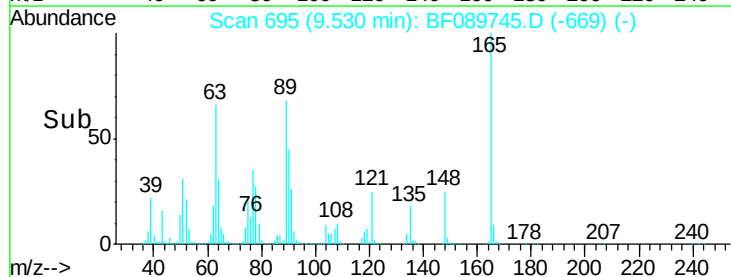
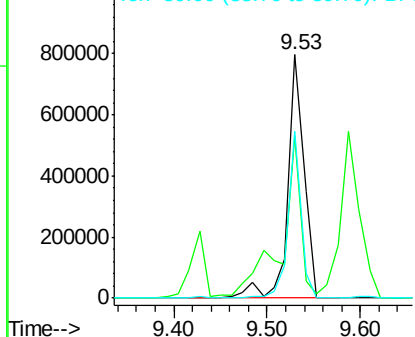


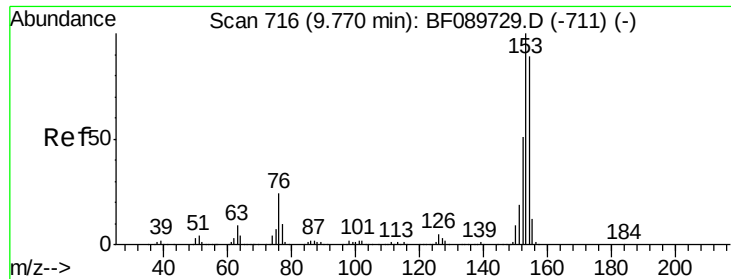
#50
2,6-Dinitrotoluene
Concen: 43.76 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion:165 Resp: 954808
Ion Ratio Lower Upper
165 100
63 66.2 41.7 62.5#
89 68.4 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: 48.46 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampled :

PB92884BSD

Tot Ion:154 Resp: 4162233

Ion Ratio Lower Upper

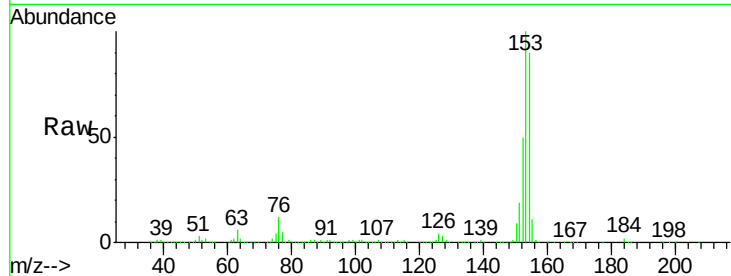
154 100

153 110.8 90.5 135.7

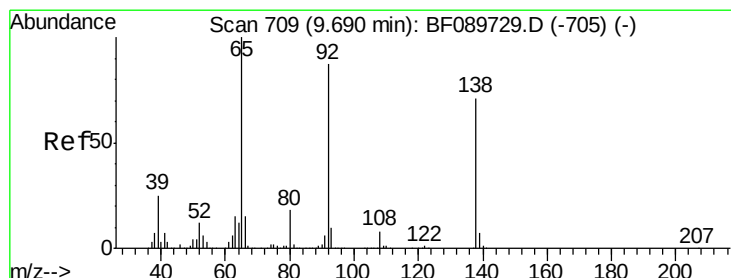
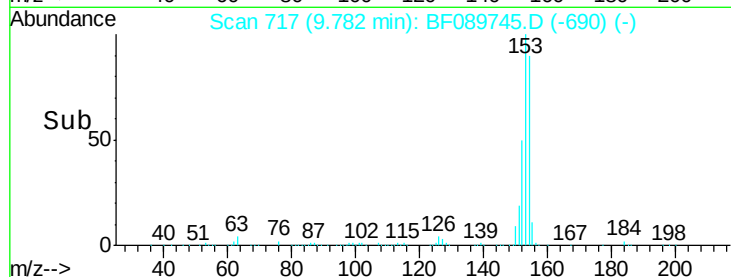
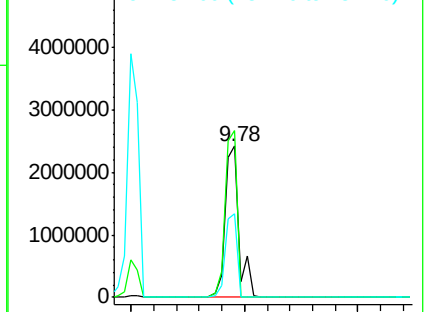
152 55.5 44.6 67.0

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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



#52

3-Nitroaniline

Concen: 30.04 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

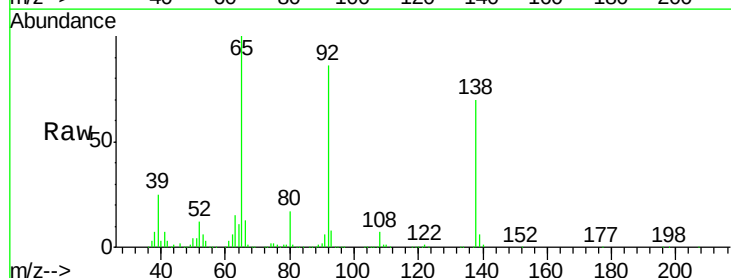
Tgt Ion:138 Resp: 762154

Ion Ratio Lower Upper

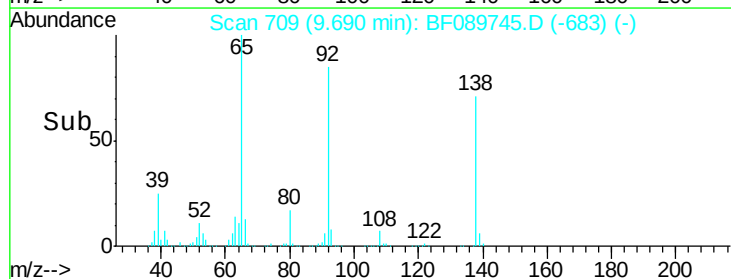
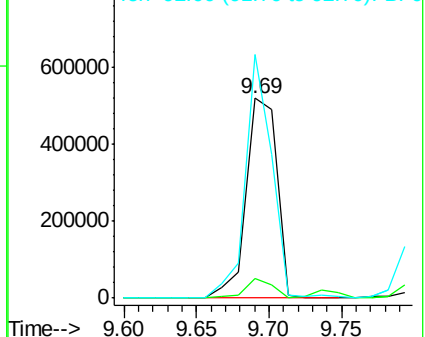
138 100

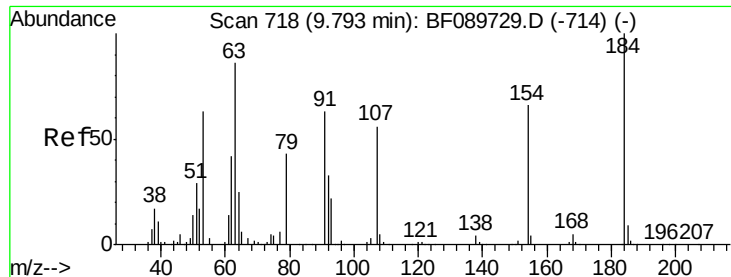
108 9.8 8.1 12.1

92 121.8 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





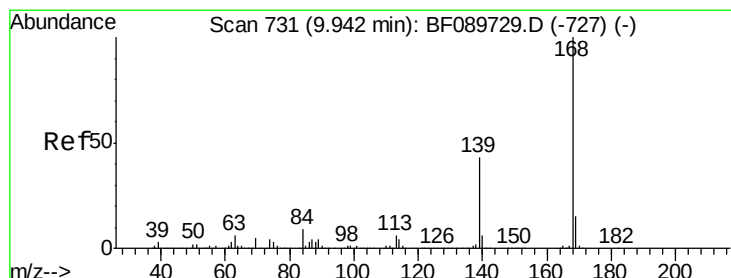
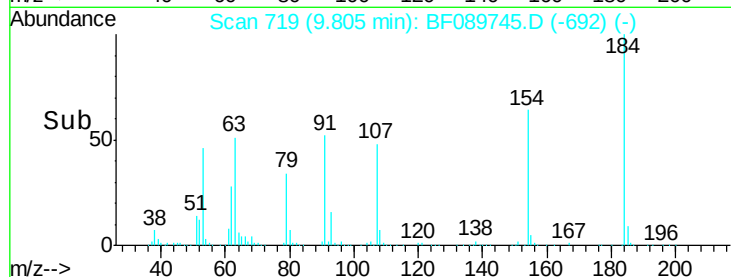
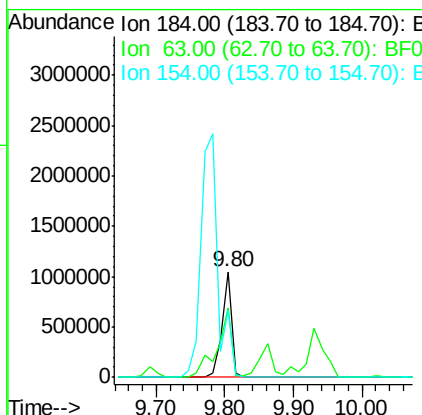
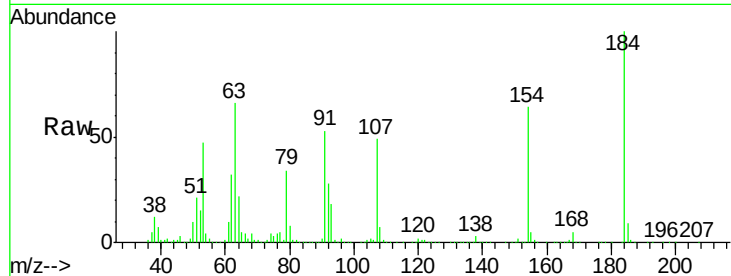
#53
2,4-Dinitrophenol
Concen: 107.79 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion:184 Resp: 1056633
Ion Ratio Lower Upper
184 100
63 65.8 54.2 81.4
154 63.7 52.7 79.1

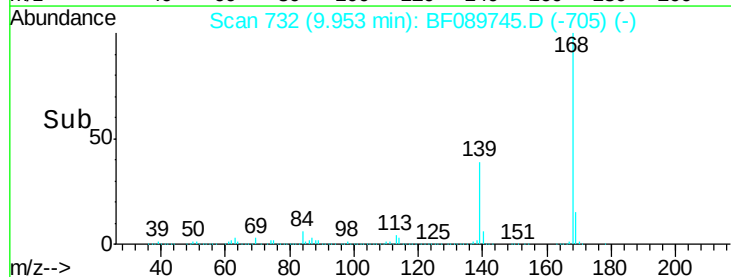
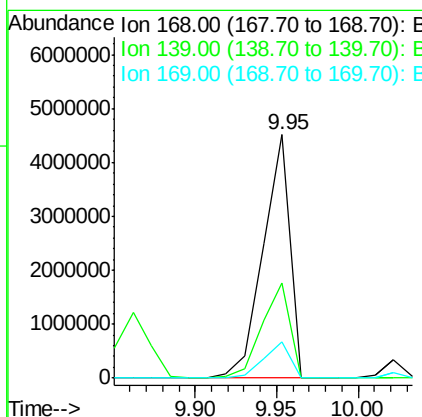
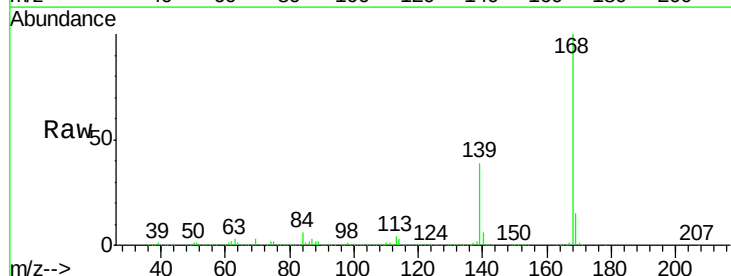
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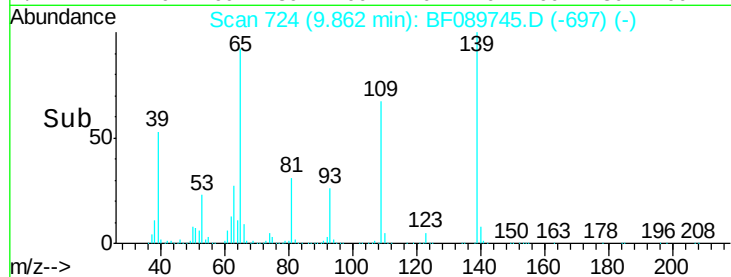
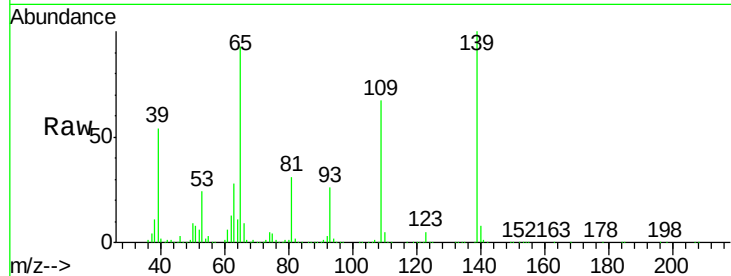
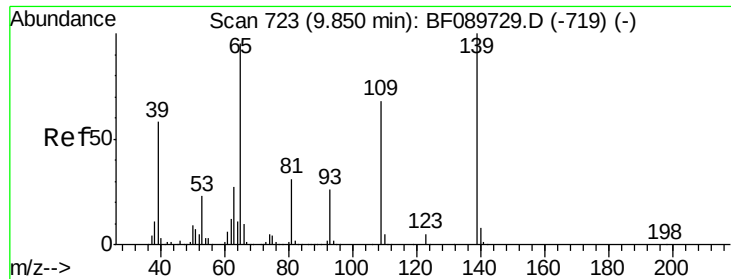
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#54
Dibenzofuran
Concen: 48.88 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion:168 Resp: 5166919
Ion Ratio Lower Upper
168 100
139 39.3 34.6 52.0
169 15.1 11.5 17.3





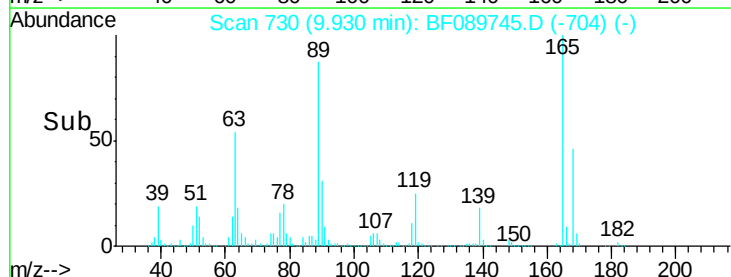
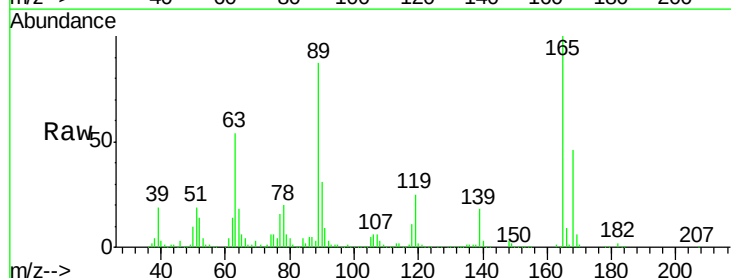
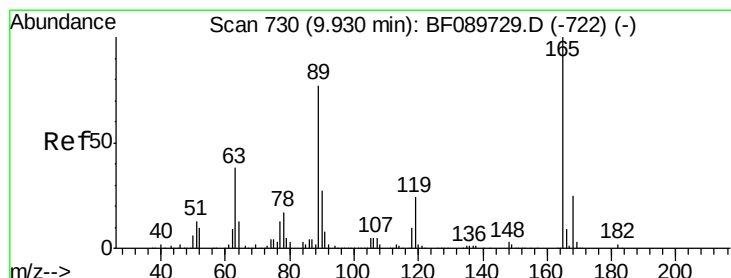
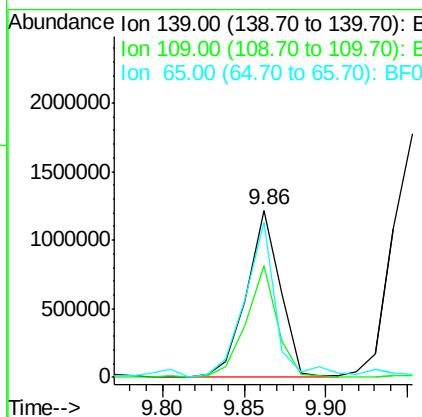
#55
4-Nitrophenol
Concen: 89.90 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tot Ion:139 Resp: 1754603
Ion Ratio Lower Upper
139 100
109 66.8 43.0 83.0
65 92.6 55.7 95.7

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

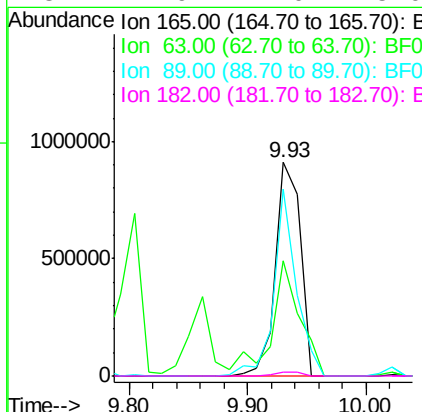
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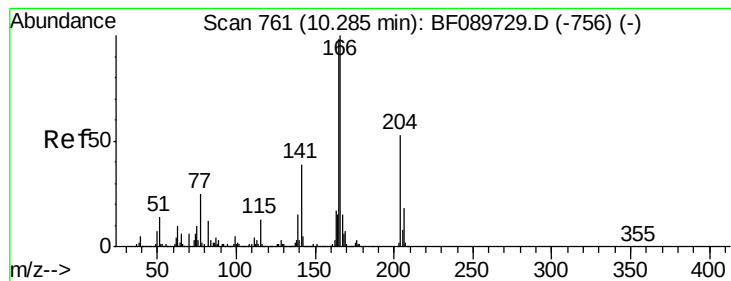
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#56
2,4-Dinitrotoluene
Concen: 47.05 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion:165 Resp: 1319552
Ion Ratio Lower Upper
165 100
63 54.0 23.7 35.5#
89 87.4 44.0 66.0#
182 1.9 2.0 3.0#





#57

Fluorene

Concen: 41.68 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:166 Resp: 3559253

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

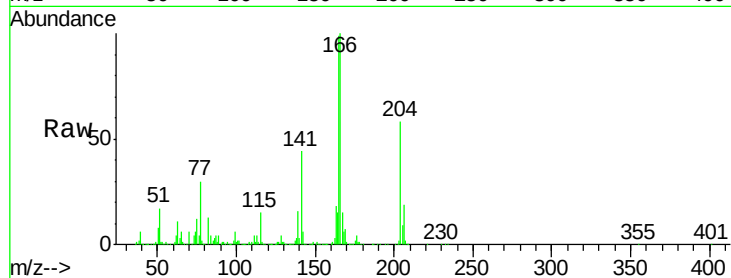
167 14.9 11.3 16.9

Manual Integrations

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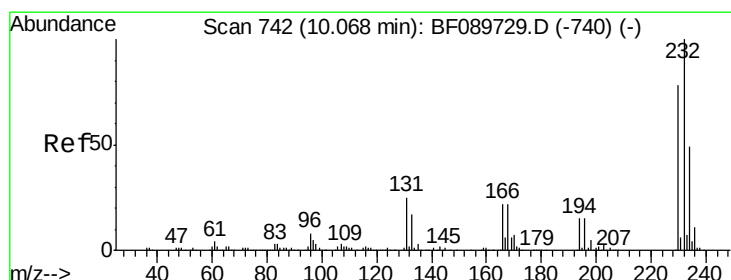
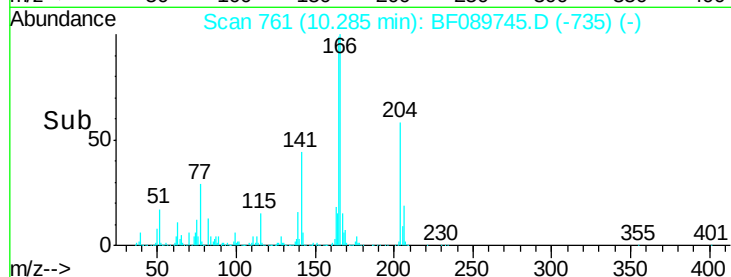
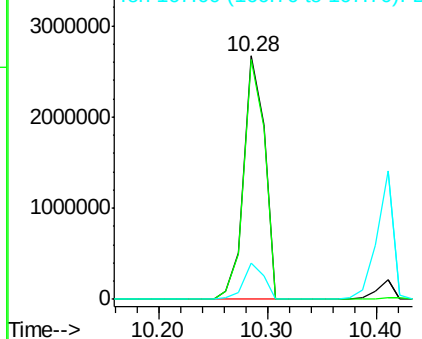
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.07 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tgt Ion:232 Resp: 1093517

Ion Ratio Lower Upper

232 100

131 51.3 42.5 63.7

130 2.5 2.2 3.4

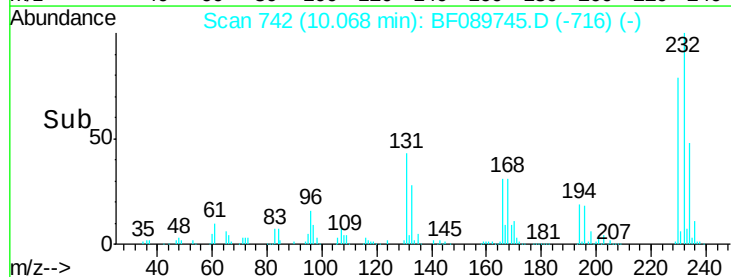
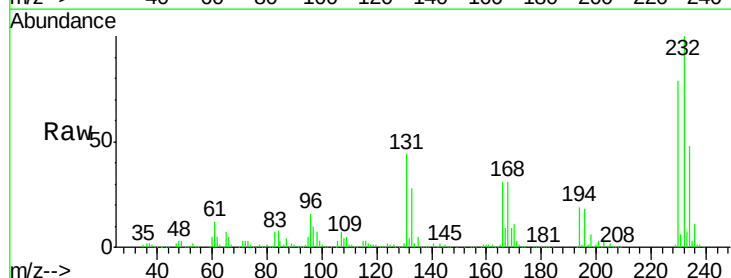
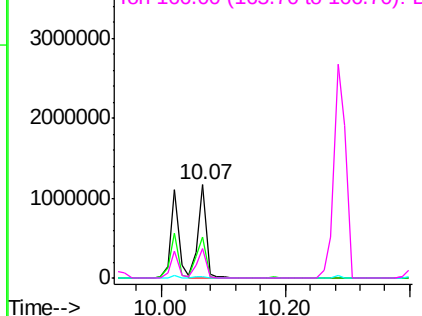
166 33.8 27.3 40.9

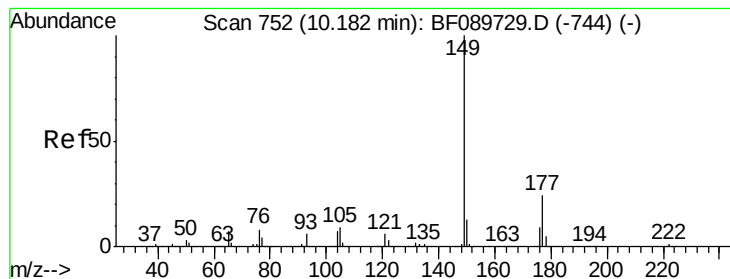
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.40 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:149 Resp: 4144171

Ion Ratio Lower Upper

149 100

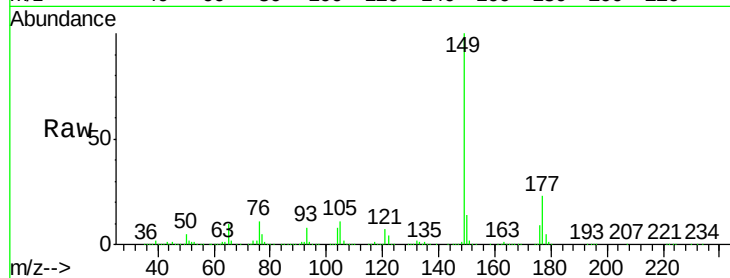
177 22.9 16.6 25.0

150 14.1 10.5 15.7

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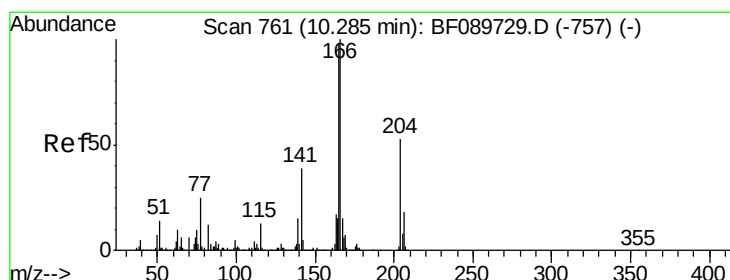
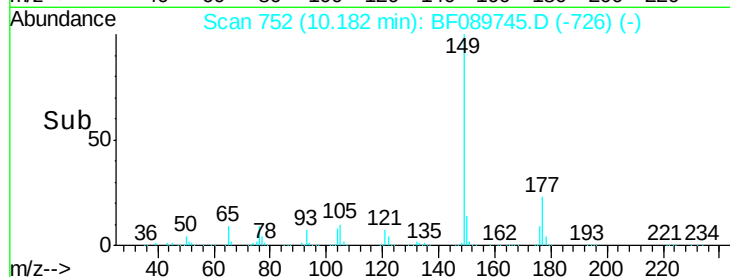
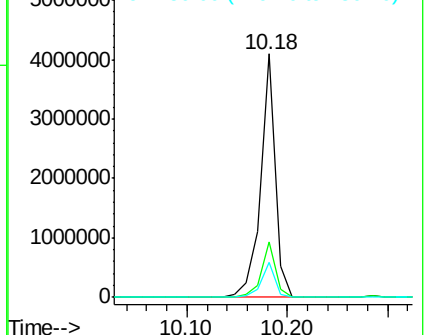
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.34 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

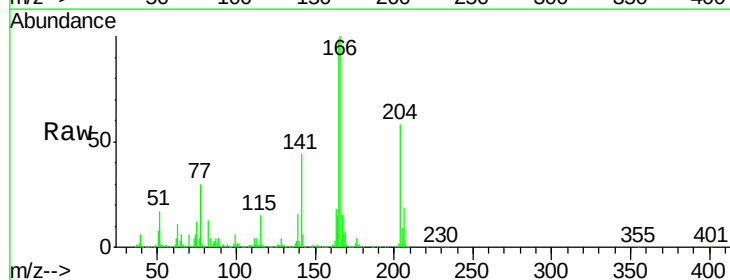
Tgt Ion:204 Resp: 1481825

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

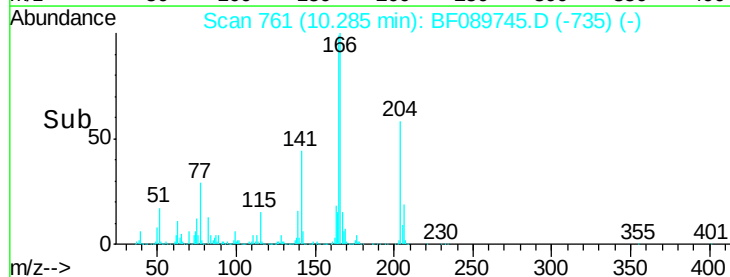
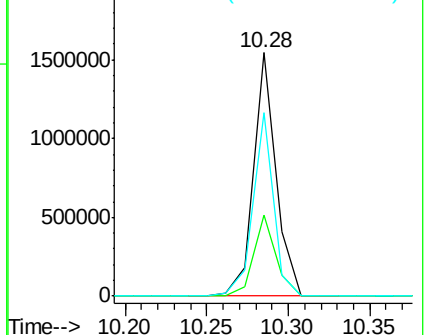
141 75.5 54.1 81.1

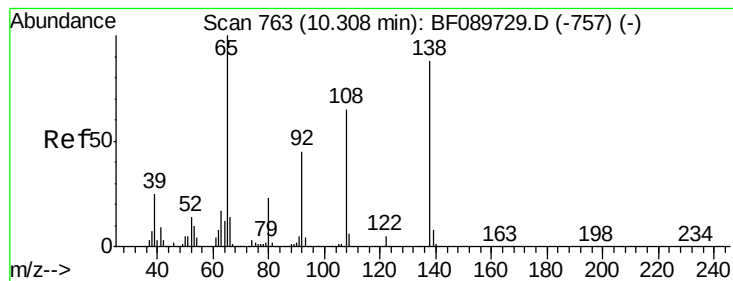


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





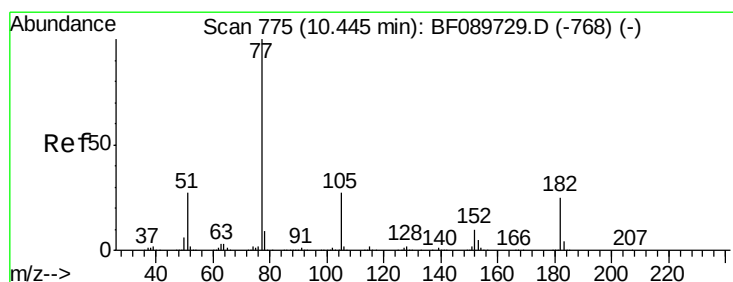
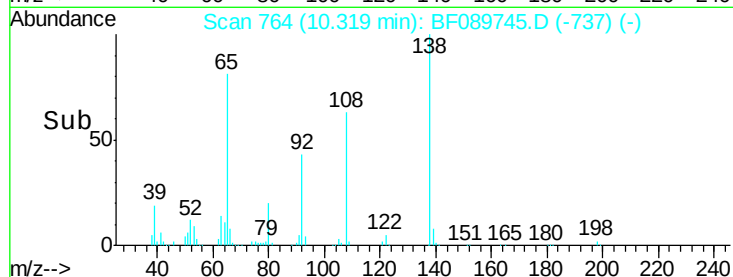
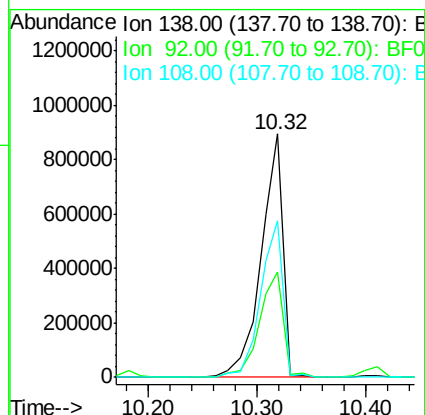
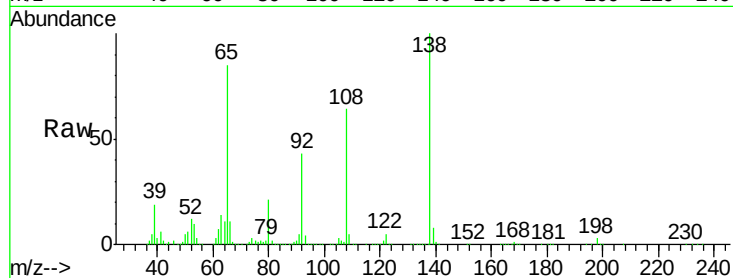
#61
4-Nitroaniline
Concen: 50.55 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion:138 Resp: 1245242
Ion Ratio Lower Upper
138 100
92 43.4 26.4 66.4
108 64.4 47.0 87.0

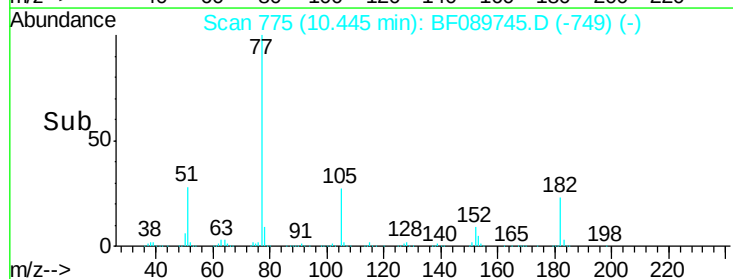
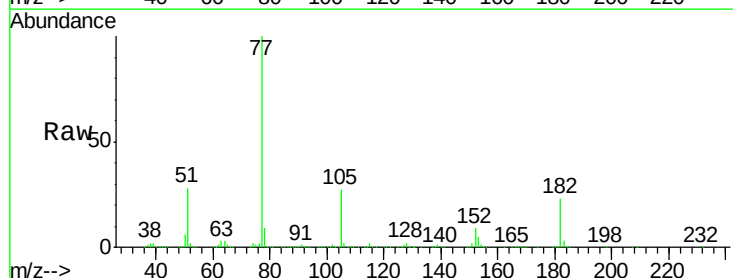
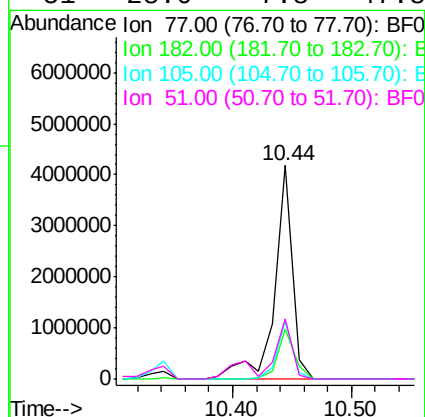
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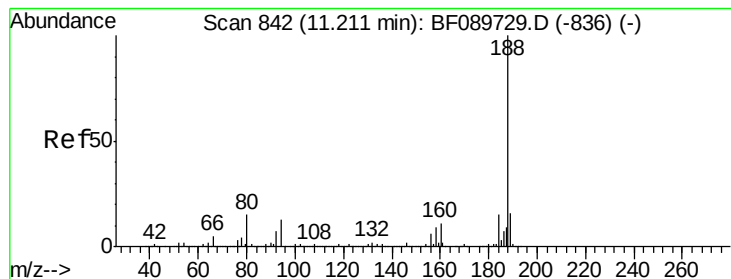
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#62
Azobenzene
Concen: 47.64 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion: 77 Resp: 4399966
Ion Ratio Lower Upper
77 100
182 23.2 5.6 45.6
105 26.9 4.0 44.0
51 28.0 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampled :

PB92884BSD

Tot Ion:188 Resp: 2492029

Ion Ratio Lower Upper

188 100

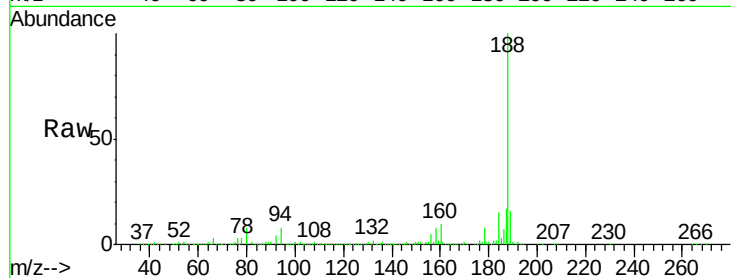
94 7.7 10.2 15.2#

80 7.8 10.9 16.3#

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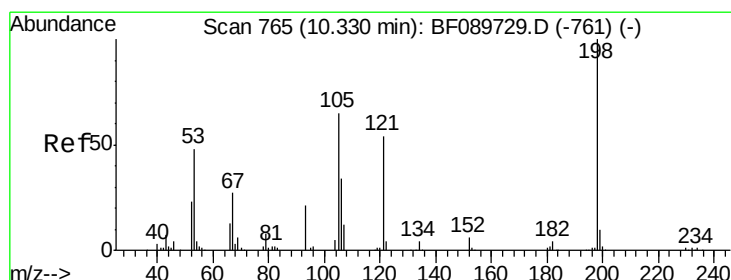
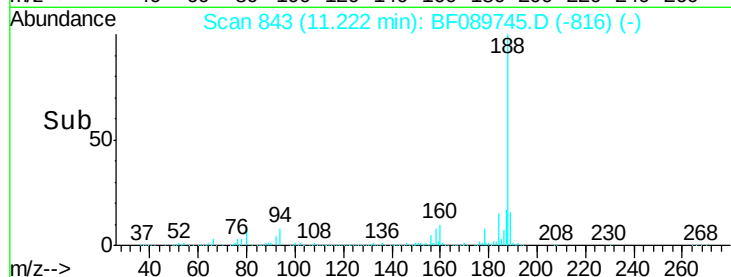
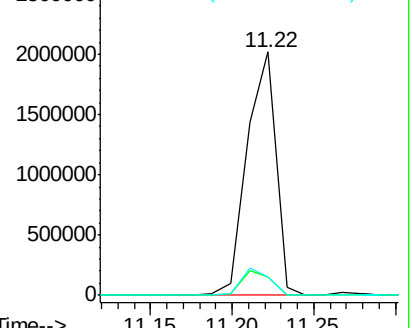
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.67 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

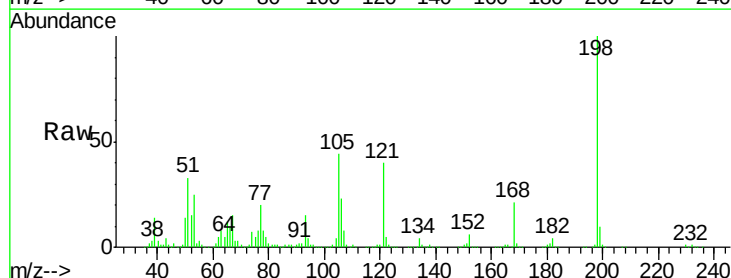
Tgt Ion:198 Resp: 733206

Ion Ratio Lower Upper

198 100

51 33.4 32.3 72.3

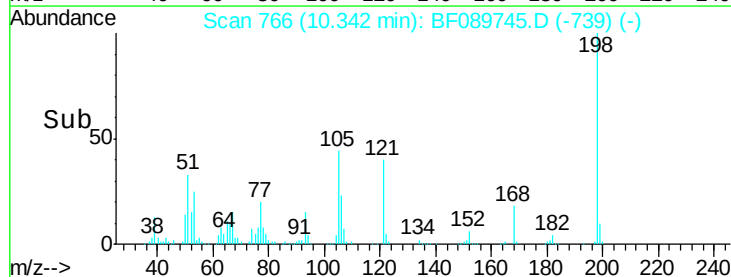
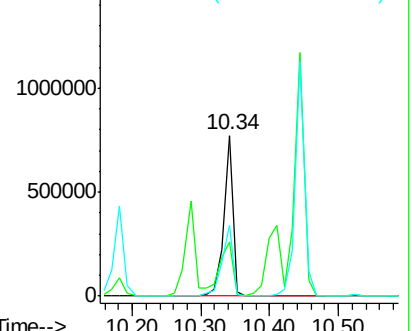
105 44.0 32.9 72.9

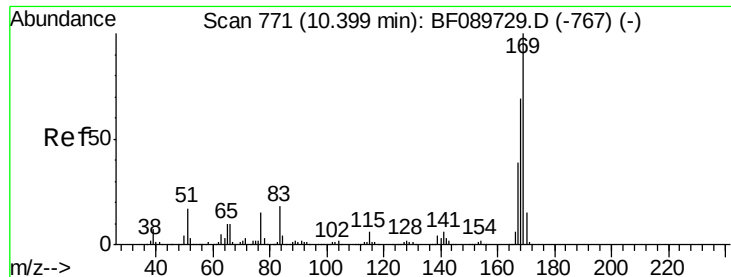


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.55 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:169 Resp: 3718700

Ion Ratio Lower Upper

169 100

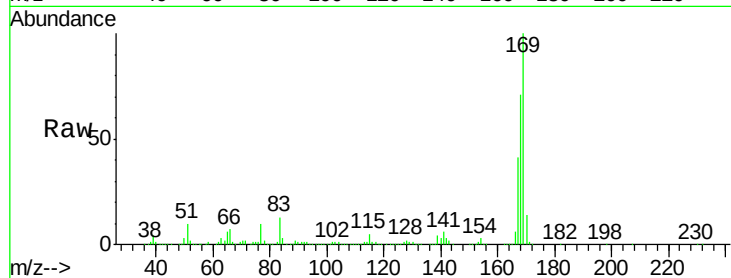
168 70.6 54.6 82.0

167 40.9 30.6 45.8

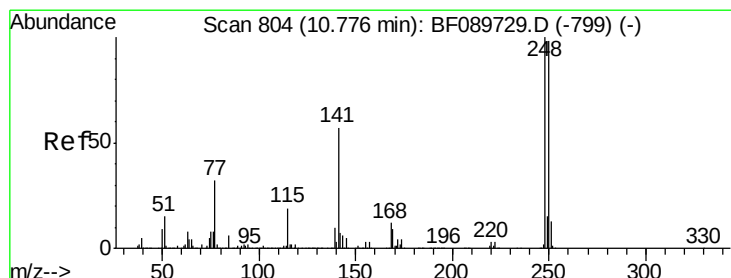
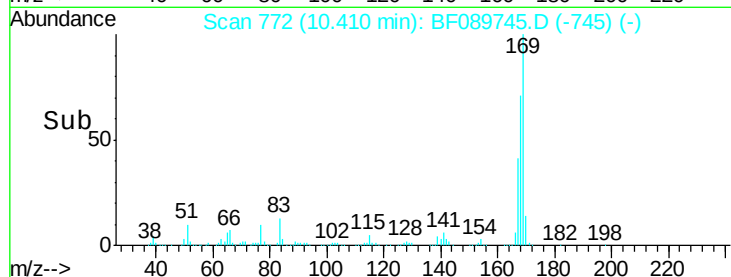
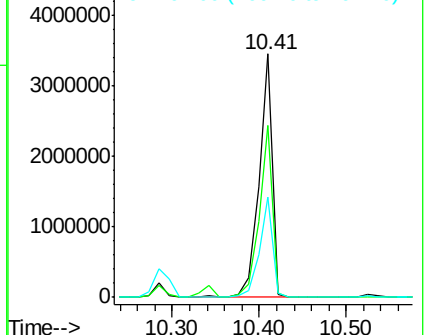
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.77 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

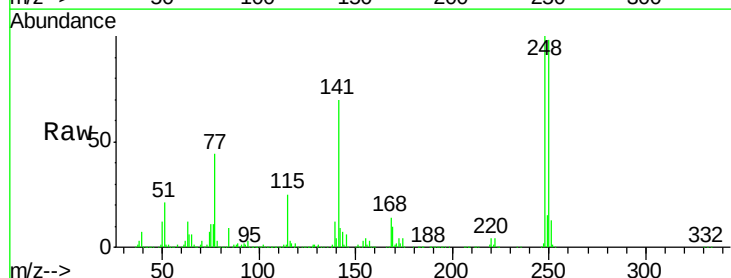
Tgt Ion:248 Resp: 1155450

Ion Ratio Lower Upper

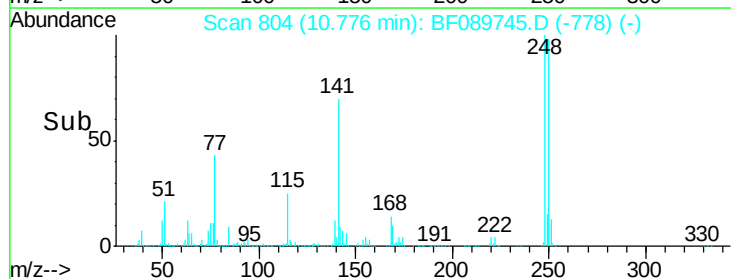
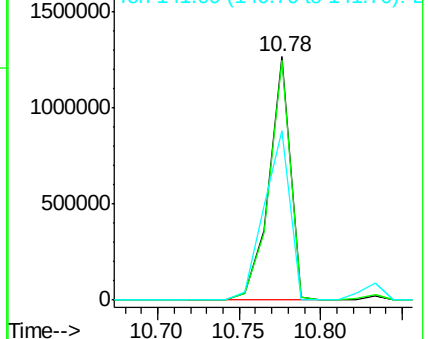
248 100

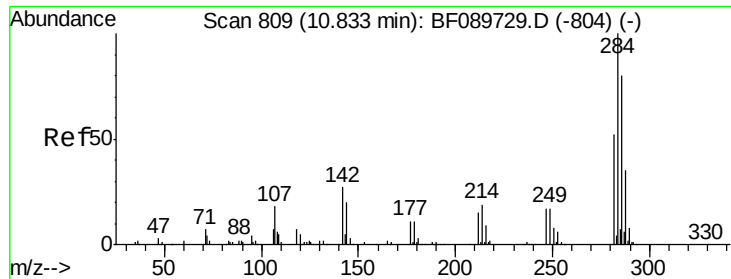
250 98.4 78.6 117.8

141 69.7 31.4 47.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.19 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:284 Resp: 1181670

Ion Ratio Lower Upper

284 100

142 40.4 17.4 26.2#

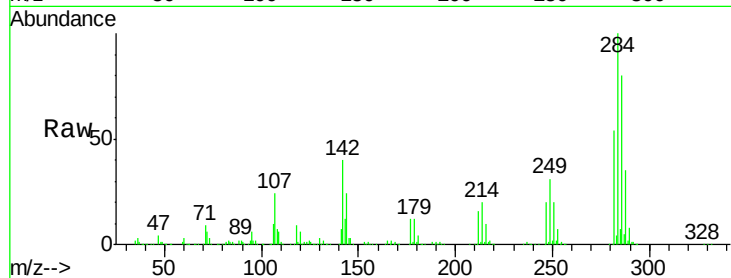
249 30.6 22.8 34.2

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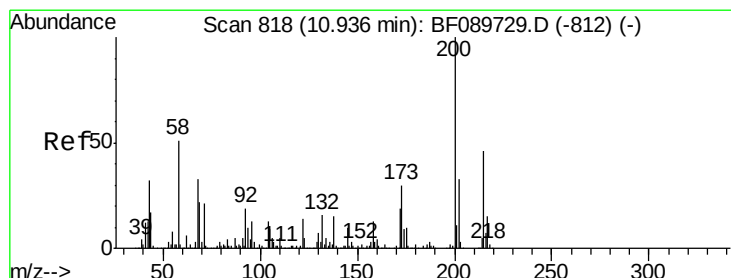
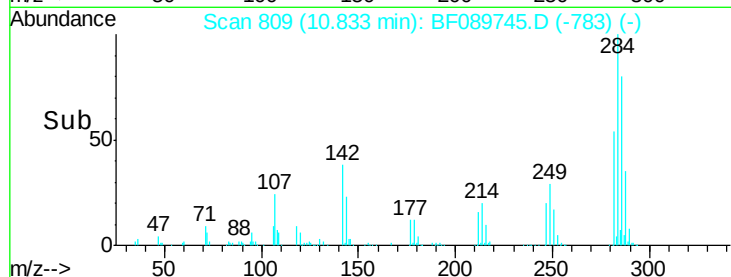
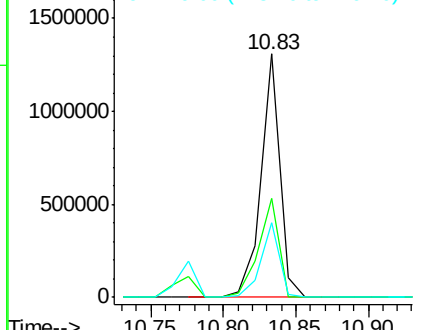
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.04 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

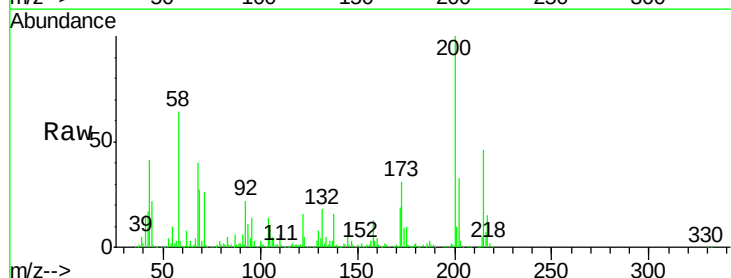
Tgt Ion:200 Resp: 972148

Ion Ratio Lower Upper

200 100

173 31.2 6.6 46.6

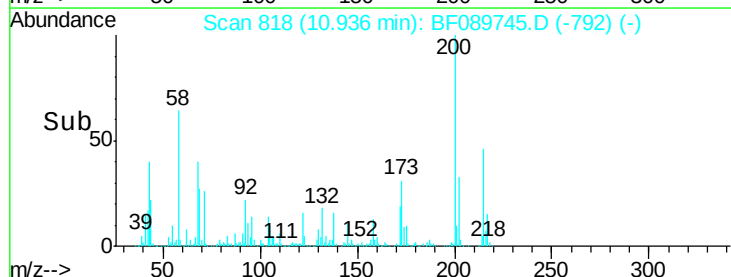
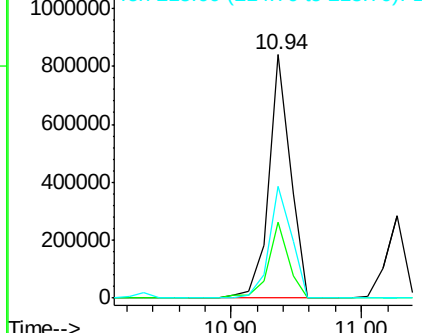
215 45.8 24.7 64.7

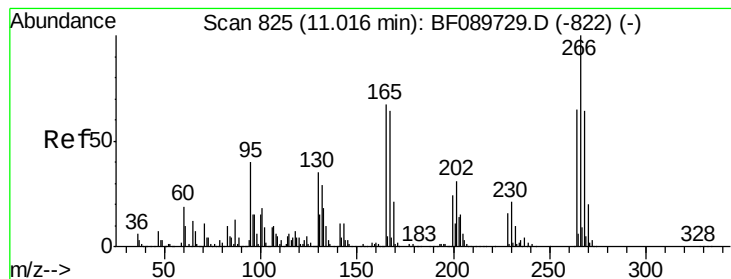


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 81.03 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:266 Resp: 1448214

Ion Ratio Lower Upper

266 100

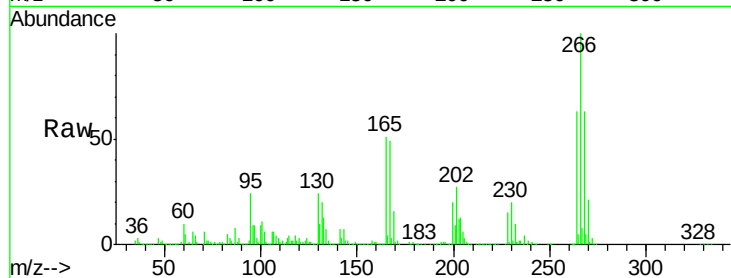
268 62.7 53.2 79.8

264 63.1 51.1 76.7

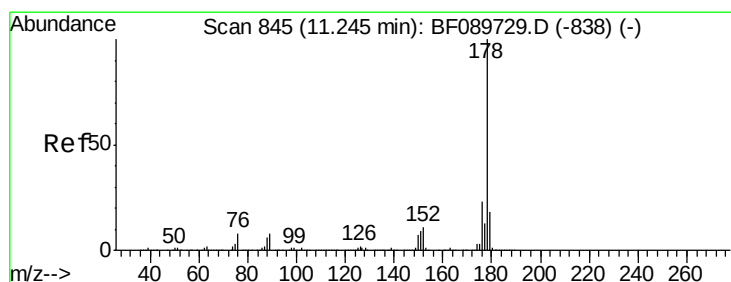
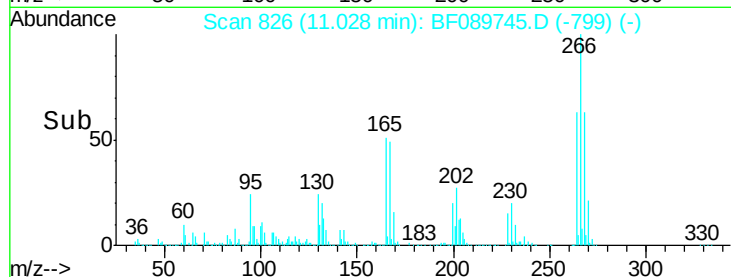
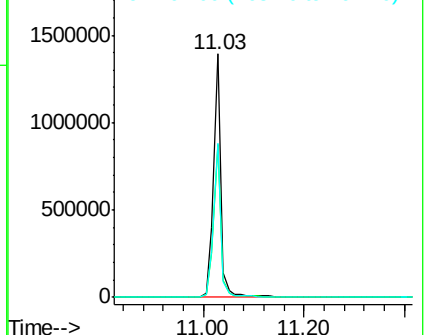
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.06 ng m

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

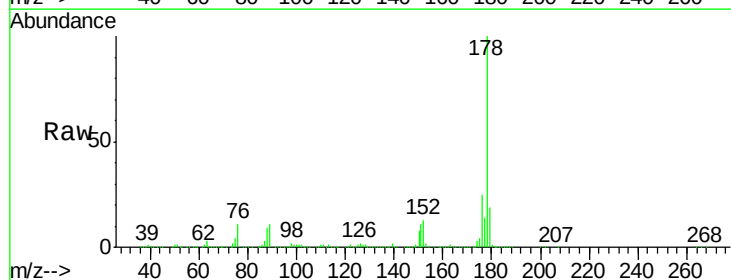
Tgt Ion:178 Resp: 5274263

Ion Ratio Lower Upper

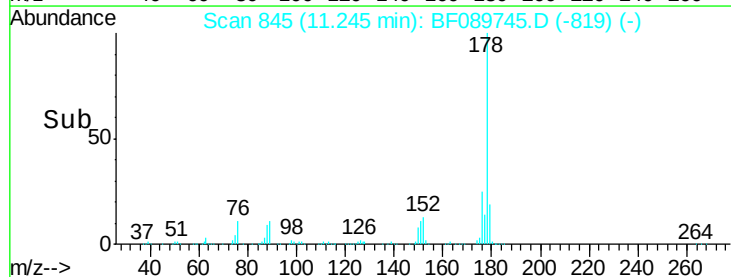
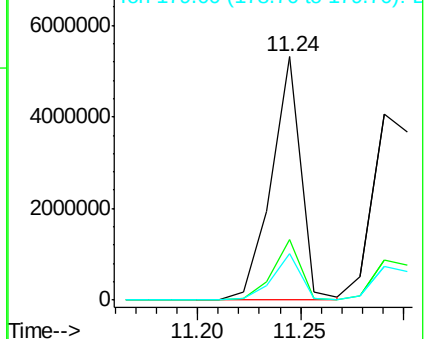
178 100

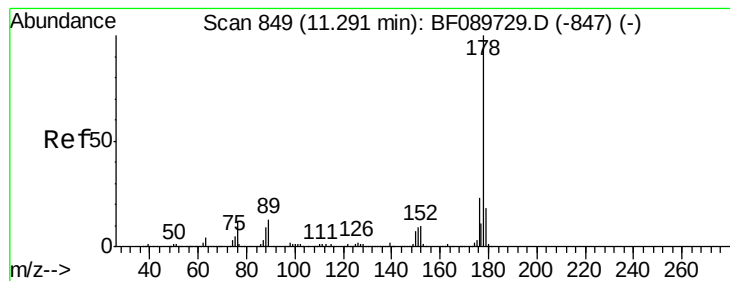
176 24.8 16.4 24.6#

179 19.1 12.5 18.7#



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





#71

Anthracene

Concen: 44.37 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:178 Resp: 5677974

Ion Ratio Lower Upper

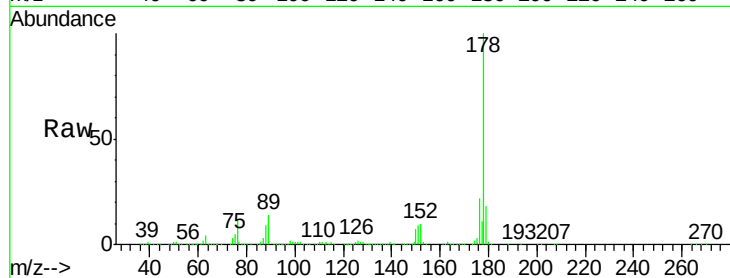
178 100

176 21.8 16.4 24.6

179 18.0 13.1 19.7

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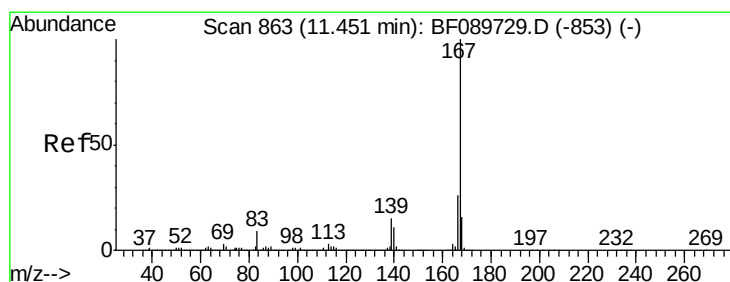
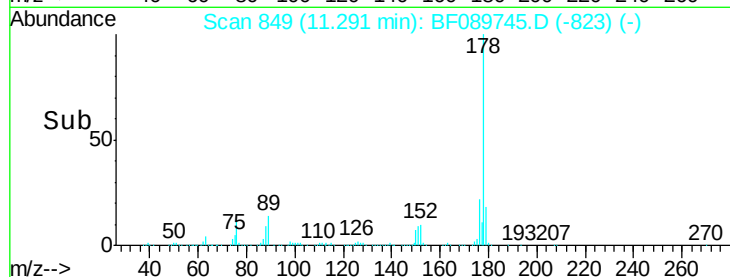
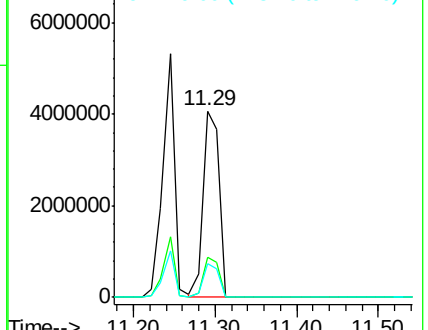
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.22 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

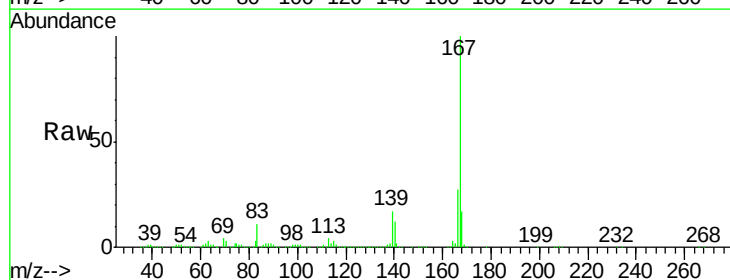
Tgt Ion:167 Resp: 5241026

Ion Ratio Lower Upper

167 100

166 26.5 17.9 26.9

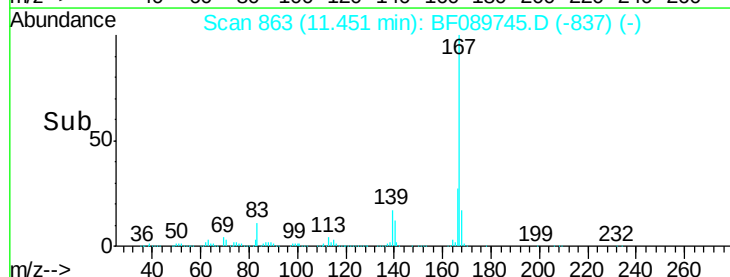
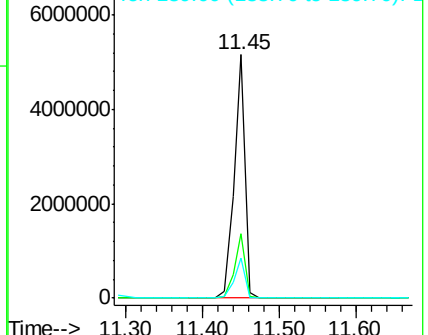
139 16.6 12.4 18.6

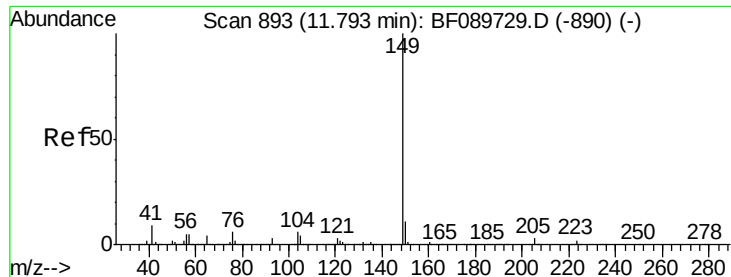


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.56 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:149 Resp: 6424949

Ion Ratio Lower Upper

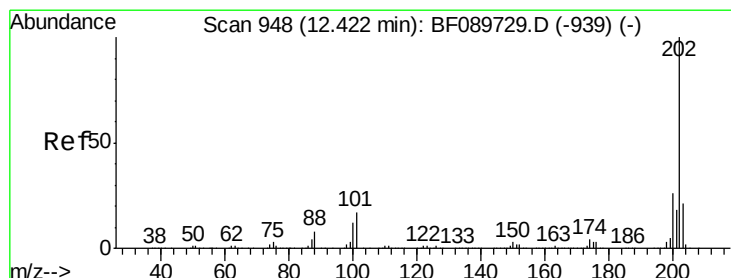
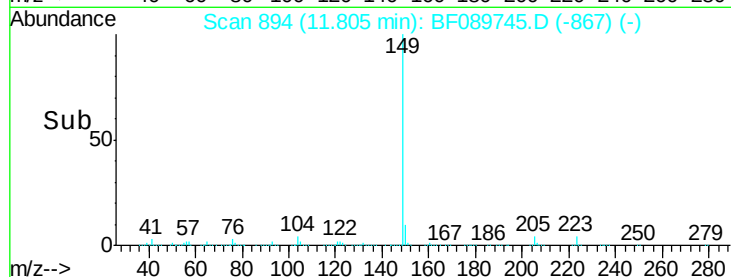
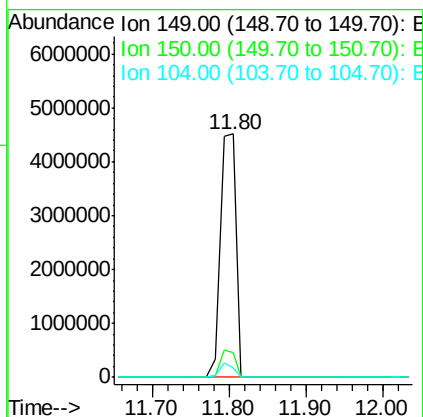
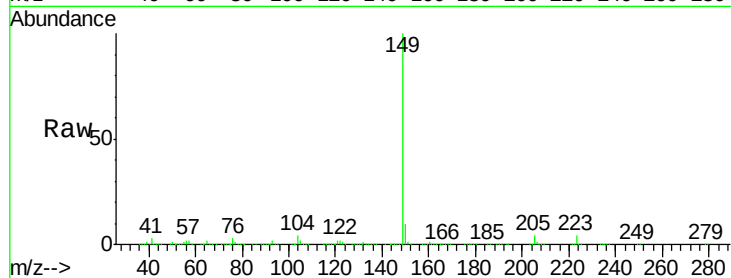
149 100

150 10.4 7.9 11.9

104 4.0 4.3 6.5#

Manual Integrations
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#74

Fluoranthene

Concen: 40.29 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

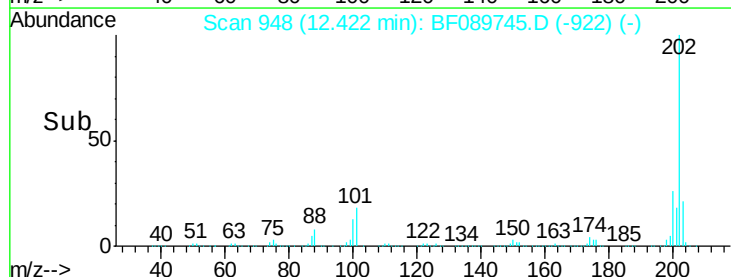
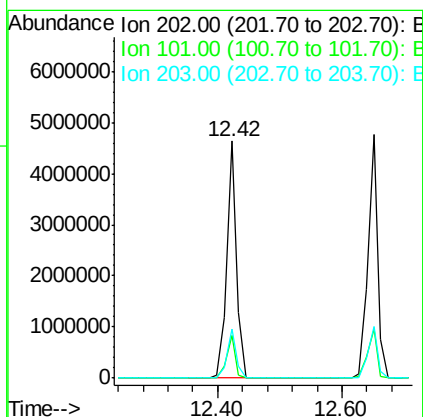
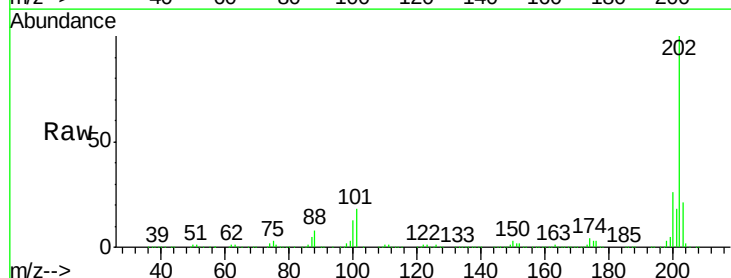
Tgt Ion:202 Resp: 4959005

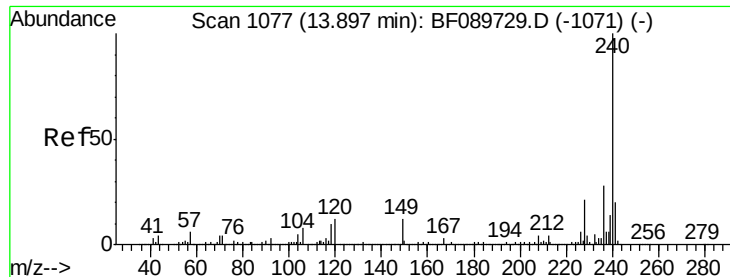
Ion Ratio Lower Upper

202 100

101 17.8 0.0 31.2

203 20.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:240 Resp: 1925221

Ion Ratio Lower Upper

240 100

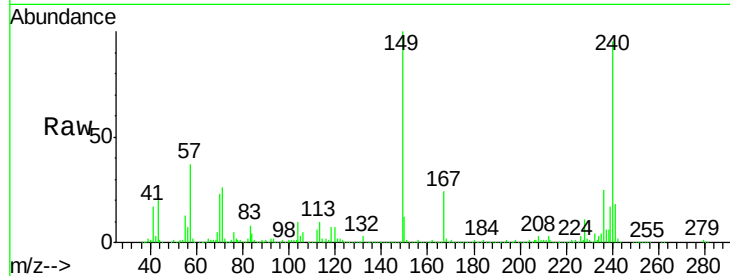
120 7.9 8.3 12.5#

236 26.5 21.3 31.9

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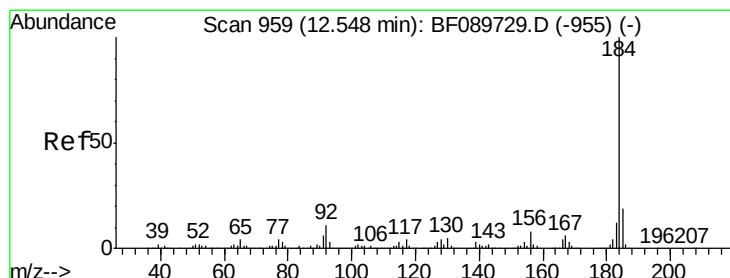
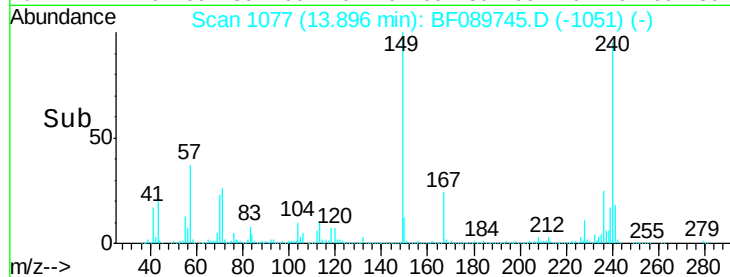
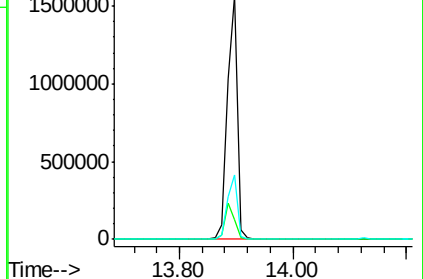
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.59 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

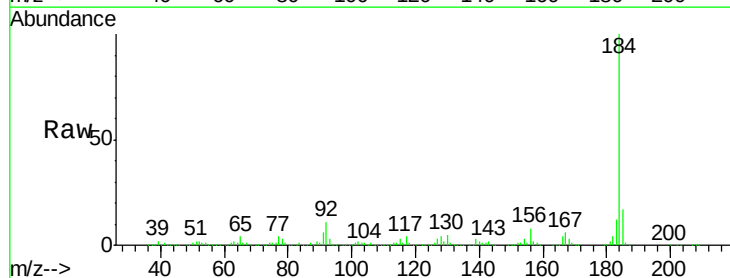
Tgt Ion:184 Resp: 2666512

Ion Ratio Lower Upper

184 100

185 17.1 13.8 20.8

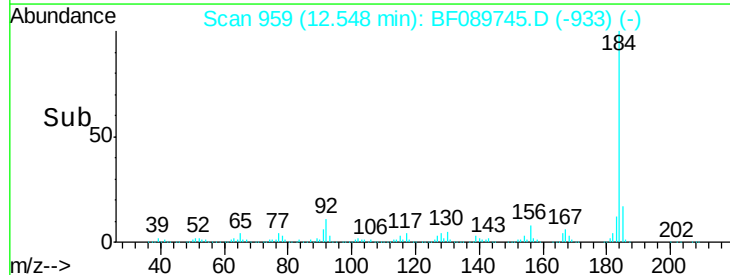
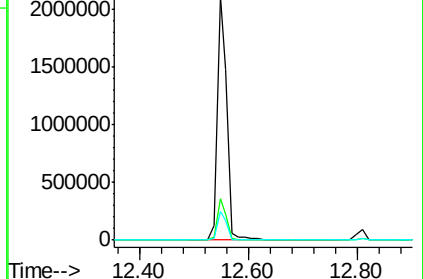
183 11.6 9.7 14.5

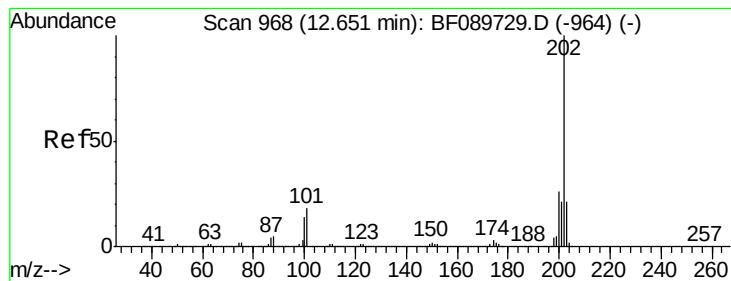


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.20 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:202 Resp: 5065168

Ion Ratio Lower Upper

202 100

200 26.3 17.8 26.6

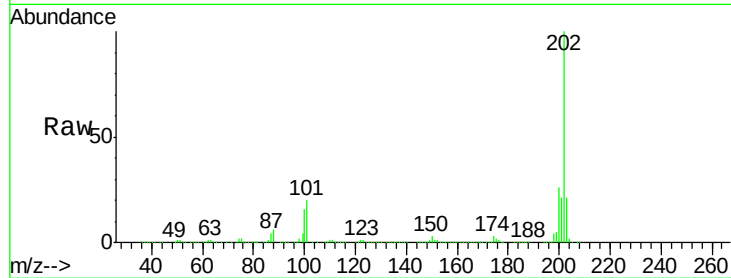
203 21.0 14.2 21.4

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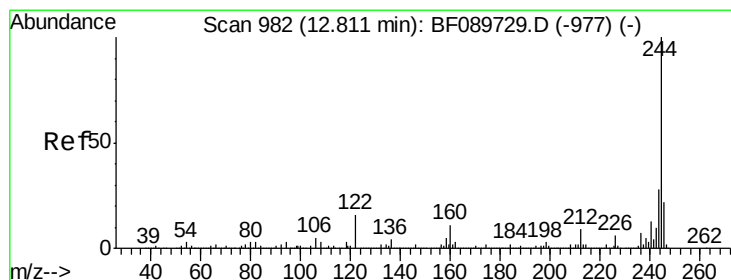
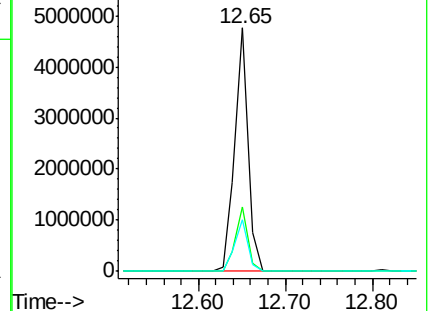
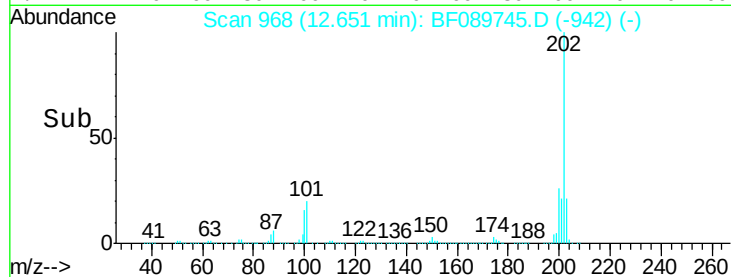
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.35 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

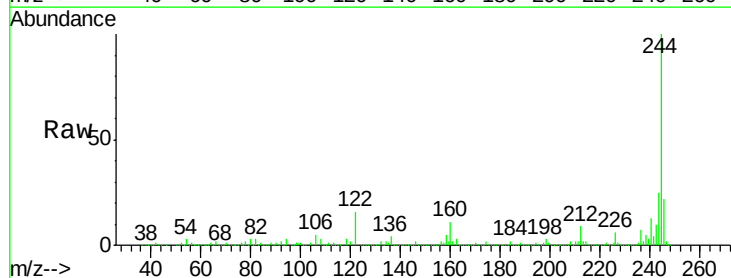
Tgt Ion:244 Resp: 5242198

Ion Ratio Lower Upper

244 100

212 9.5 6.3 9.5

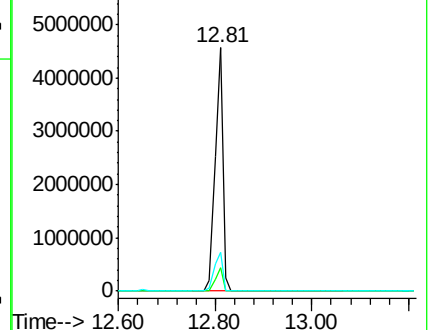
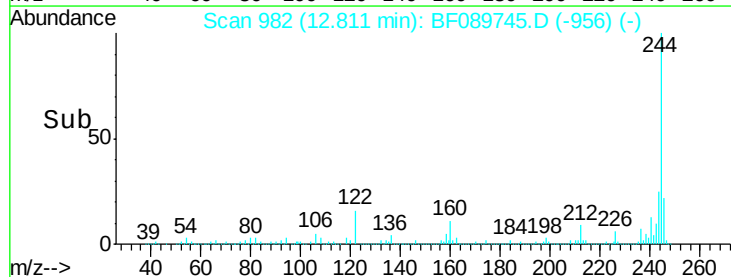
122 16.0 12.0 18.0

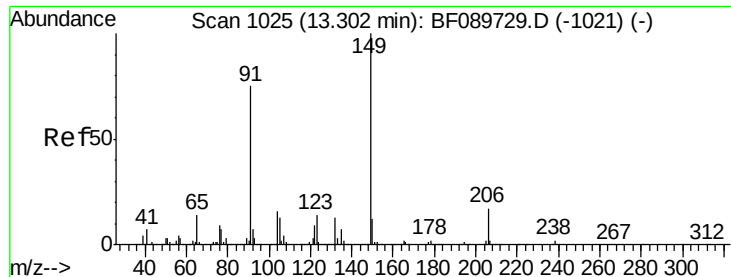


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





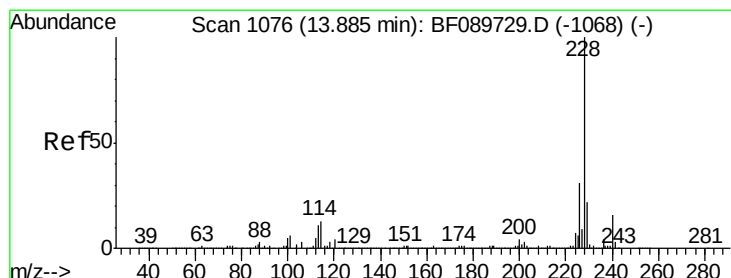
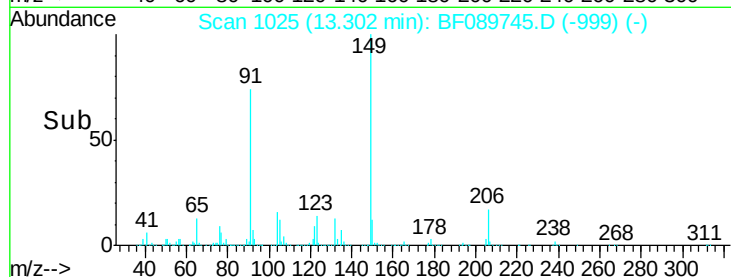
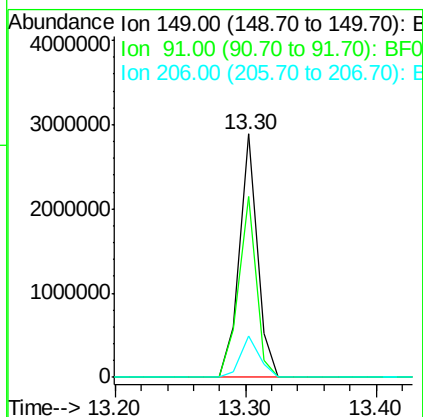
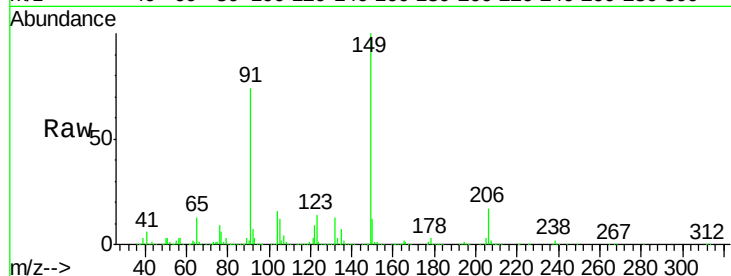
#79
Butylbenzylphthalate
Concen: 43.70 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	50.7	76.1
206	17.0	15.5	23.3

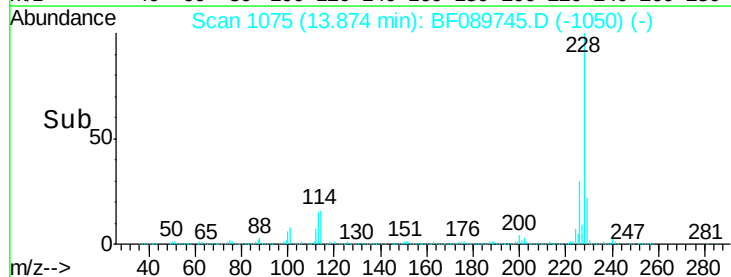
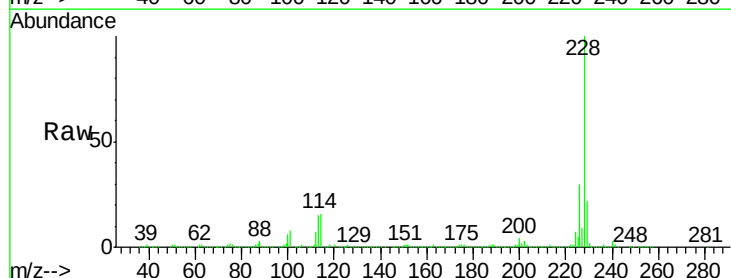
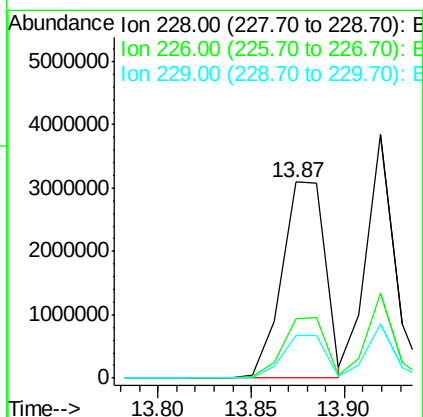
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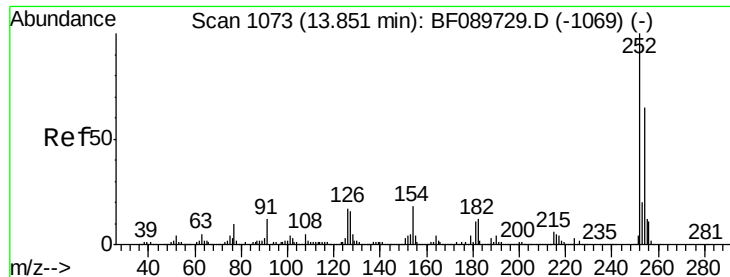
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#80
Benzo(a)anthracene
Concen: 44.74 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.2	34.8
229	21.7	16.2	24.4





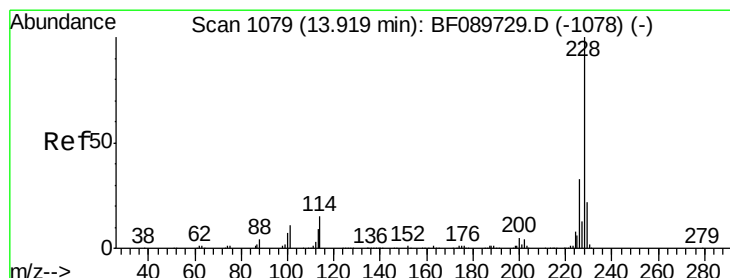
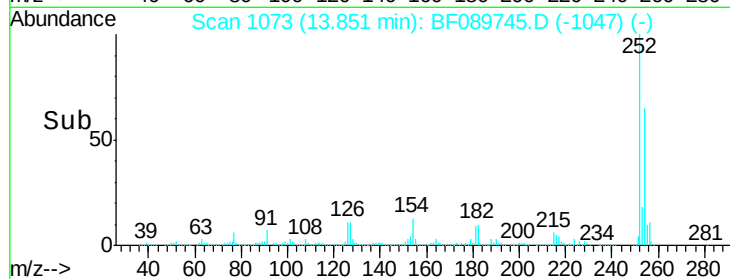
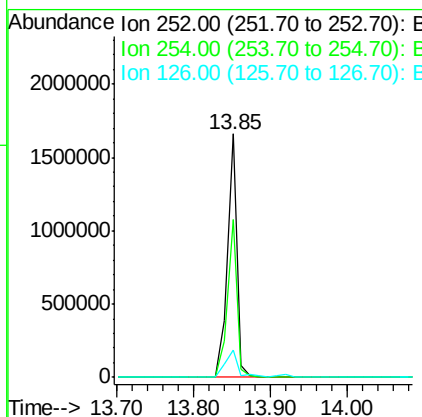
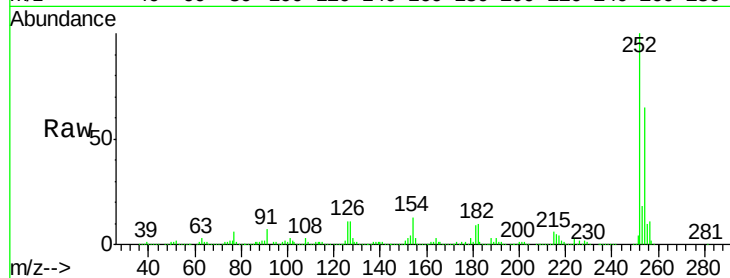
#81
 3,3'-Dichlorobenzidine
 Concen: 36.64 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.6	75.8
126	11.2	12.6	18.8

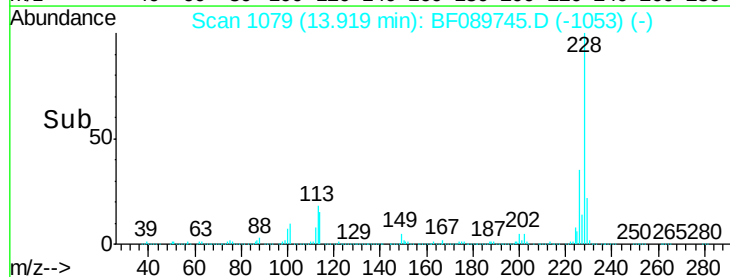
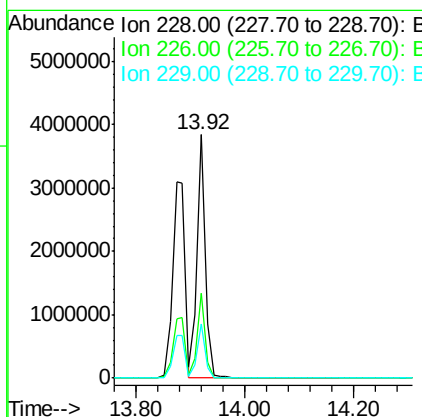
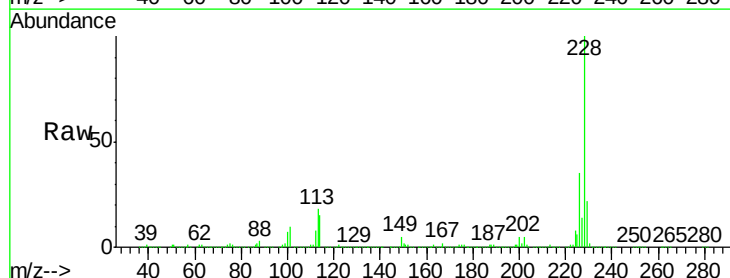
Manual Integrations
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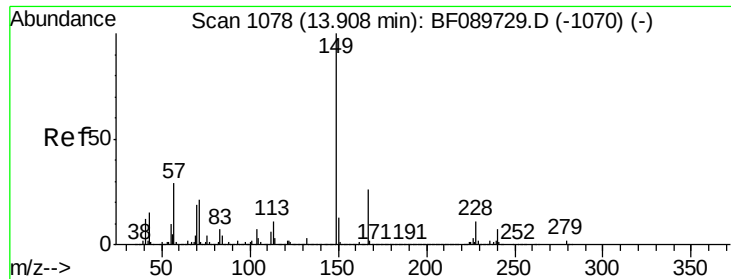
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#82
 Chrysene
 Concen: 39.86 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	25.4	38.0
229	22.1	16.5	24.7





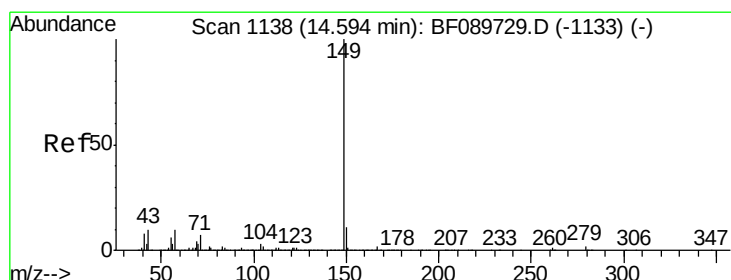
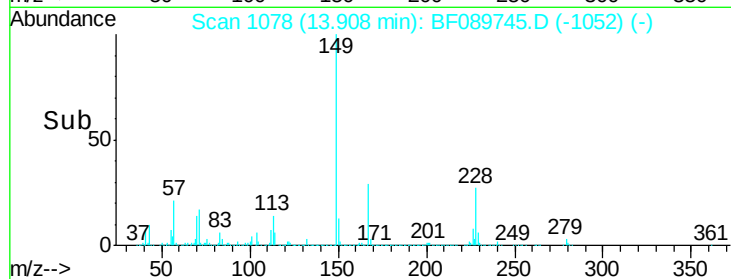
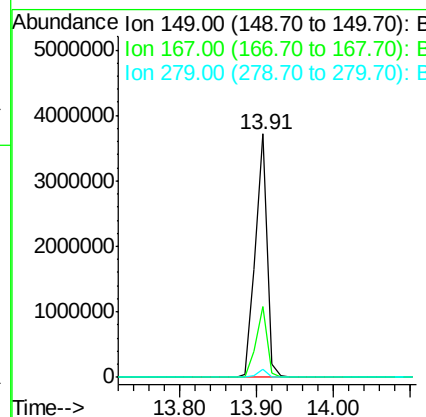
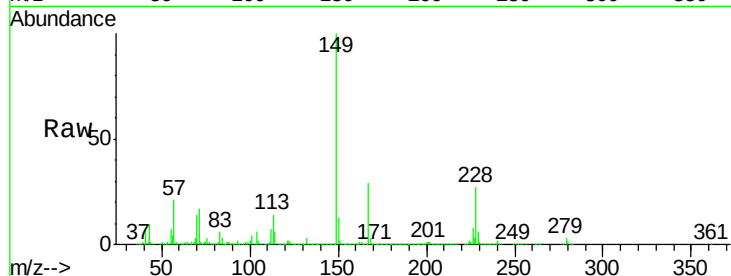
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.62 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.2	31.8
279	3.5	2.9	4.3

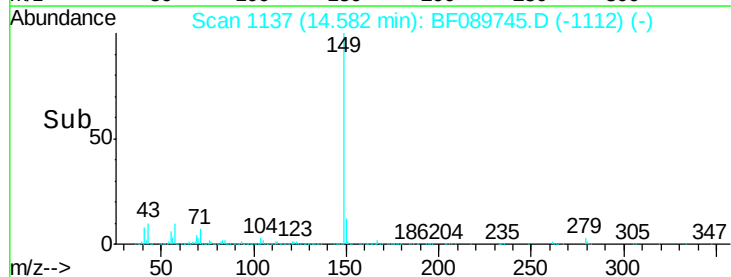
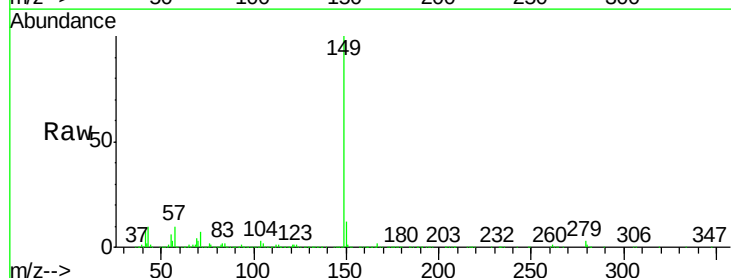
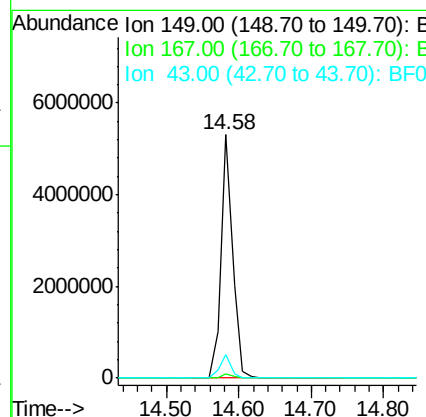
Manual Integrations
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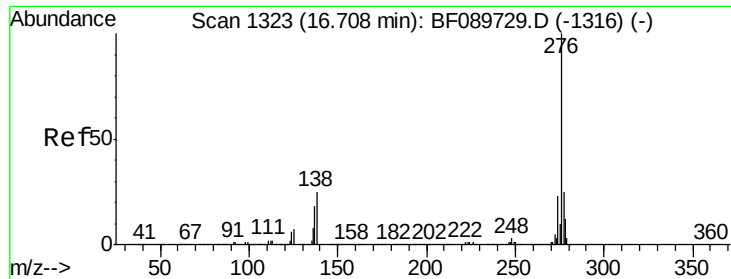
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#84
 Di-n-octyl phthalate
 Concen: 45.44 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF089745.D
 Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.5	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.79 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Tot Ion:276 Resp: 4270397

Ion Ratio Lower Upper

276 100

138 30.3 24.6 36.8

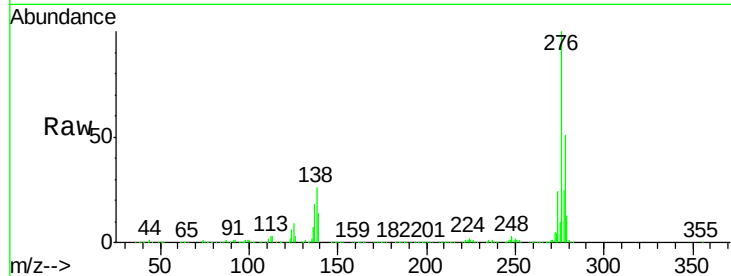
277 25.5 20.4 30.6

Manual Integrations

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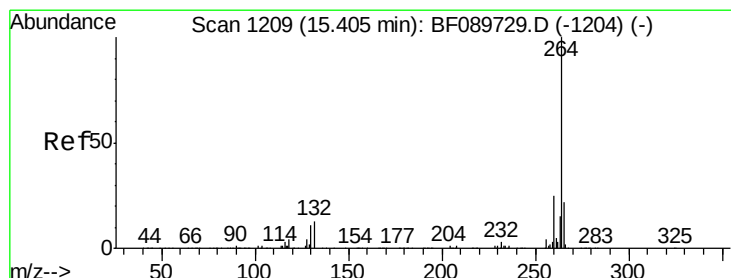
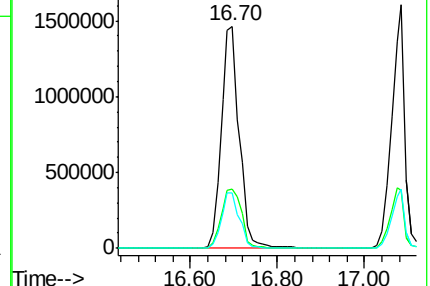
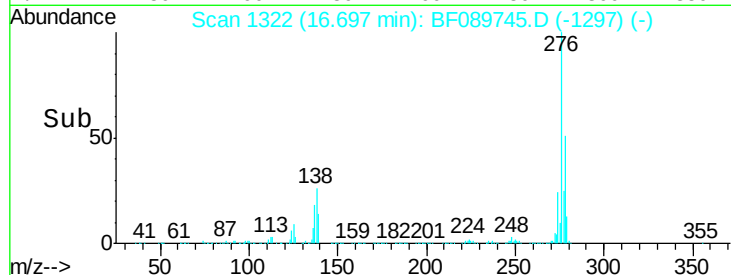
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.38 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

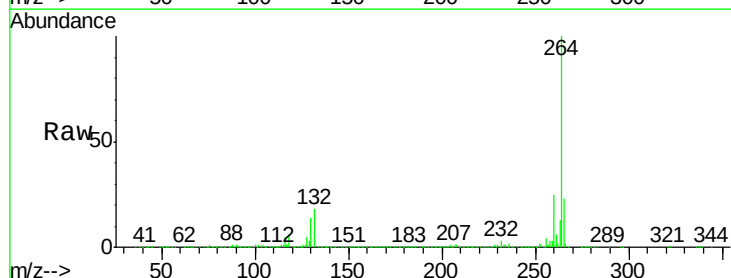
Tgt Ion:264 Resp: 1829804

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

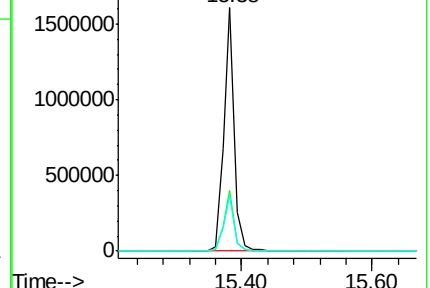
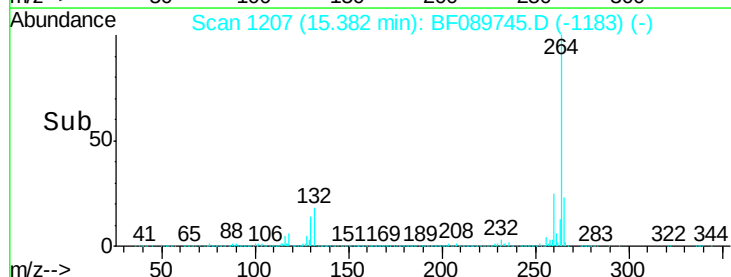
265 22.6 17.4 26.2

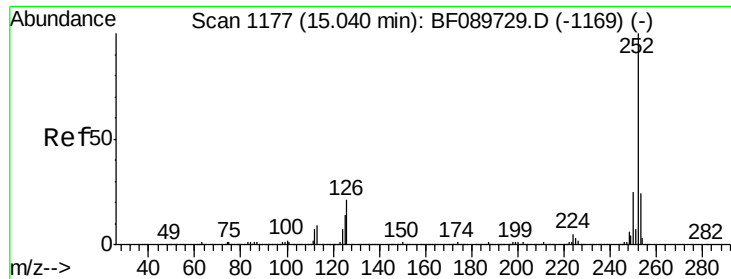


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





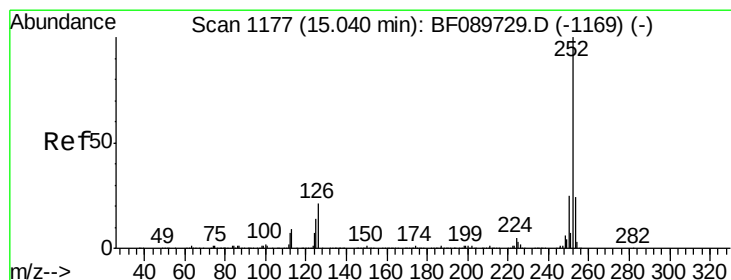
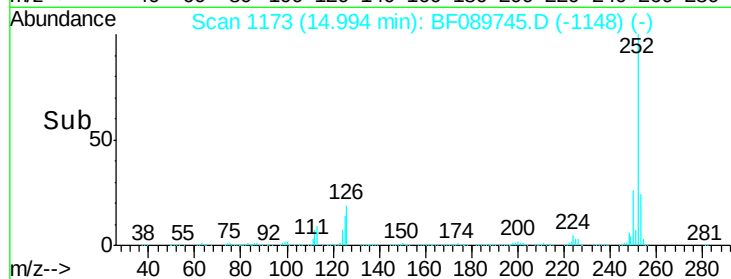
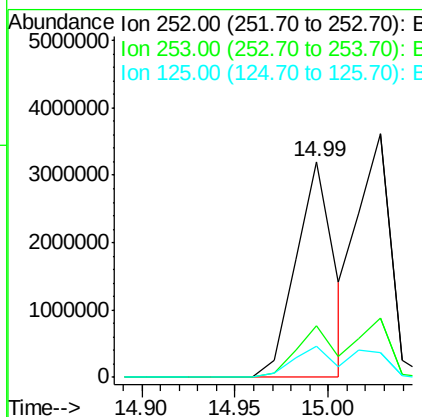
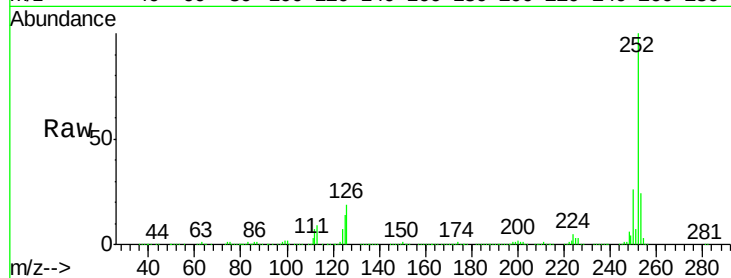
#87
Benzo(b)fluoranthene
Concen: 39.20 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	14.2	11.4	17.2

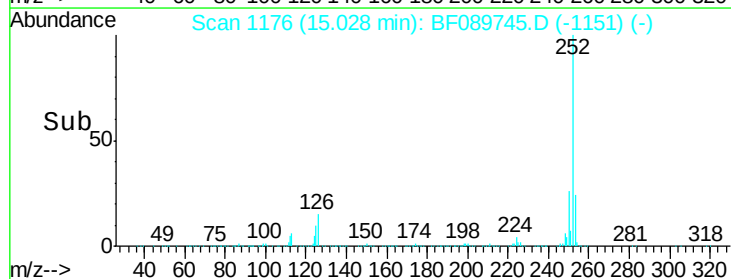
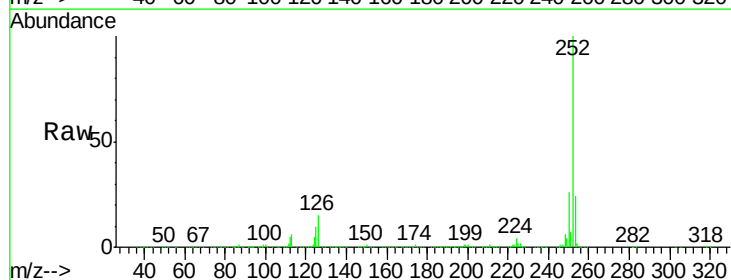
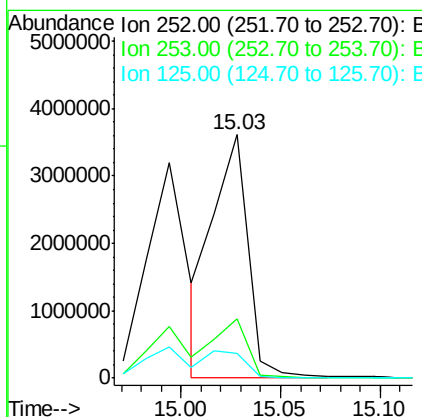
Manual Integrations
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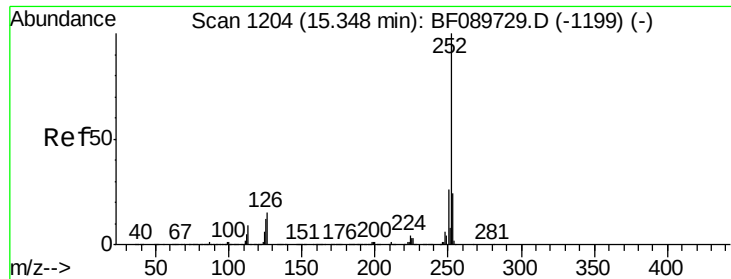
sohil
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#88
Benzo(k)fluoranthene
Concen: 46.30 ng m
RT: 15.03 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	10.3	9.8	14.6





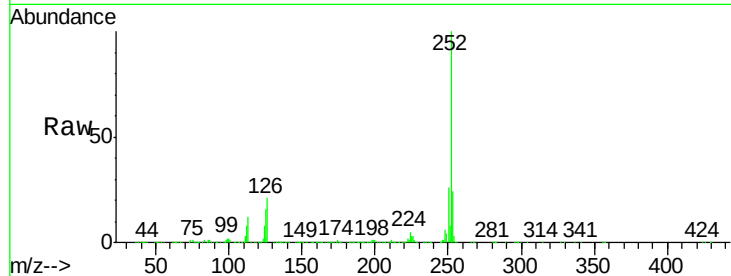
#89
Benzo(a)pyrene
Concen: 43.80 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

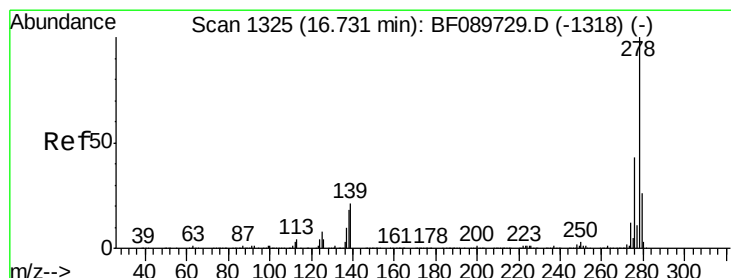
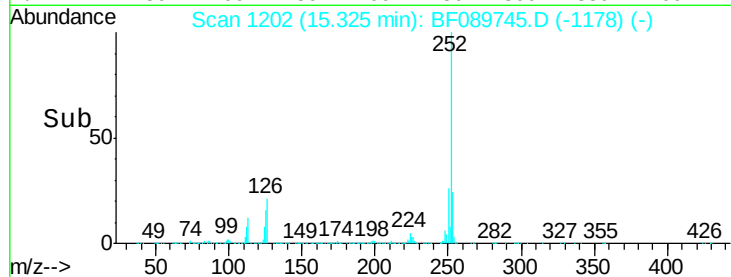
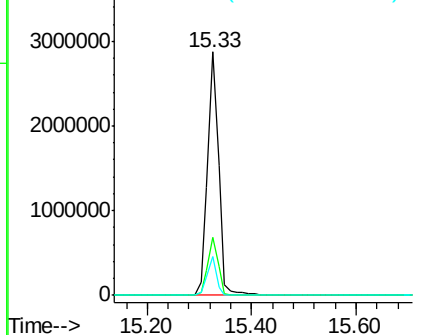
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	16.1	11.7	17.5

Manual Integrations
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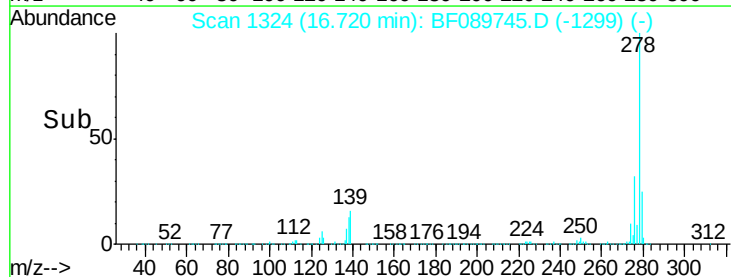
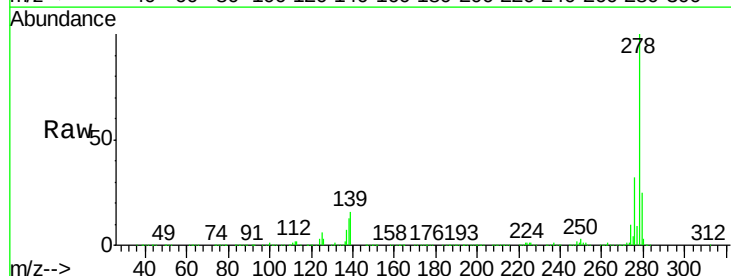
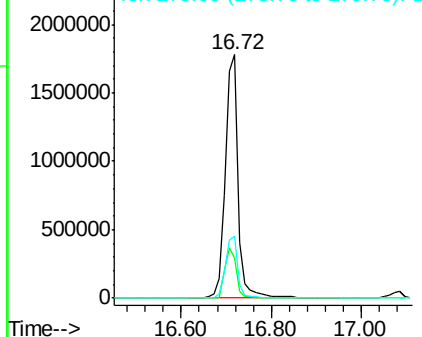
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

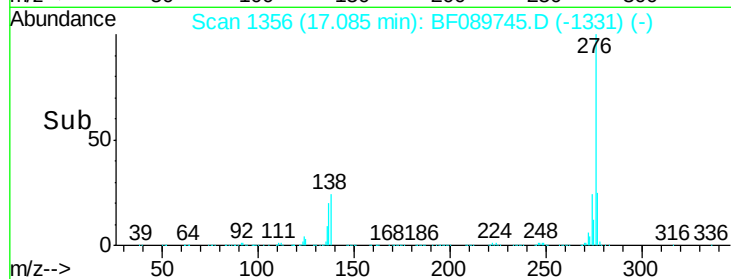
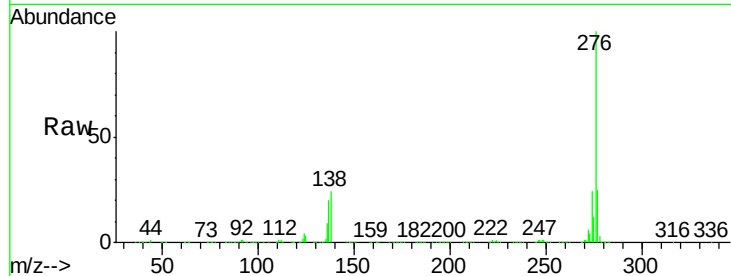
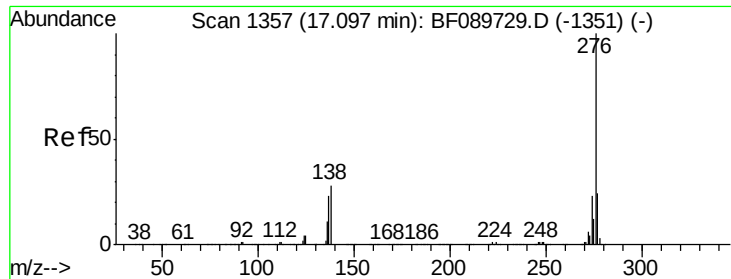


#90
Dibenzo(a,h)anthracene
Concen: 46.81 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF089745.D
Acq: 17 Aug 2016 5:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.9	22.3
279	25.1	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.43 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF089745.D

Acq: 17 Aug 2016 5:49

Tot Ion: 276 Resp: 3484625

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 23.7 22.1 33.1

Instrument :

BNA_F

ClientSampleId :

PB92884BSD

Manual Integrations

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