

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085578.D
 Acq On : 19 Mar 2016 17:41
 Operator : UM/SJ
 Sample : H1788-01MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Quant Time: Mar 21 00:00:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67489	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	280812	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	118389	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	233122	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	158020	20.00	ng	0.00
86) Perylene-d12	15.43	264	116055	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	953690	237.35	ng	0.01
7) Phenol-d6	6.49	99	1137154	220.66	ng	0.00
23) Nitrobenzene-d5	7.42	82	689249	142.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	308707	266.20	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1127100	-20.00	ng	-0.01
78) Terphenyl-d14	12.96	244	1159069	176.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	134064	68.64	ng	98
3) Pyridine	3.25	79	355770	74.18	ng	99
4) n-Nitrosodimethylamine	3.20	42	159027	79.43	ng	97
6) Aniline	6.52	93	379131	54.78	ng	98
8) 2-Chlorophenol	6.64	128	375193	80.72	ng	97
9) Benzaldehyde	6.40	77	73677	28.04	ng	92
10) Phenol	6.50	94	507775	86.51	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	363287	82.10	ng	95
12) 1,3-Dichlorobenzene	7.03	146	348792	68.86	ng	99
13) 1,4-Dichlorobenzene	6.87	146	386612	74.83	ng	98
14) 1,2-Dichlorobenzene	7.03	146	349154	76.11	ng	95
15) Benzyl Alcohol	7.00	79	279527	79.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	429613	73.83	ng	99
17) 2-Methylphenol	7.11	107	295819	76.77	ng	99
18) Hexachloroethane	7.36	117	139073	74.55	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	213435	69.34	ng	93
20) 3+4-Methylphenols	7.27	107	360092	80.69	ng	92
22) Acetophenone	7.27	105	462504	69.41	ng	# 95
24) Nitrobenzene	7.44	77	416607	78.67	ng	91
25) Isophorone	7.68	82	708122	73.11	ng	95
26) 2-Nitrophenol	7.76	139	196849	75.22	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	328177	70.91	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	398130	72.26	ng	98
29) 2,4-Dichlorophenol	8.00	162	301561	78.90	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	314774	73.53	ng	96
31) Naphthalene	8.16	128	1031319	72.76	ng	99
32) Benzoic acid	7.90	122	120972	31.26	ng	98
33) 4-Chloroaniline	8.21	127	191184	32.91	ng	# 94
34) Hexachlorobutadiene	8.28	225	154880	67.88	ng	98
35) Caprolactam	8.57	113	63625	48.38	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	335707	75.21	ng	97
37) 2-Methylnaphthalene	8.85	142	662031	76.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	263822	73.46	ng	98
40) Hexachlorocyclopentadiene	9.01	237	281016	173.62	ng	99

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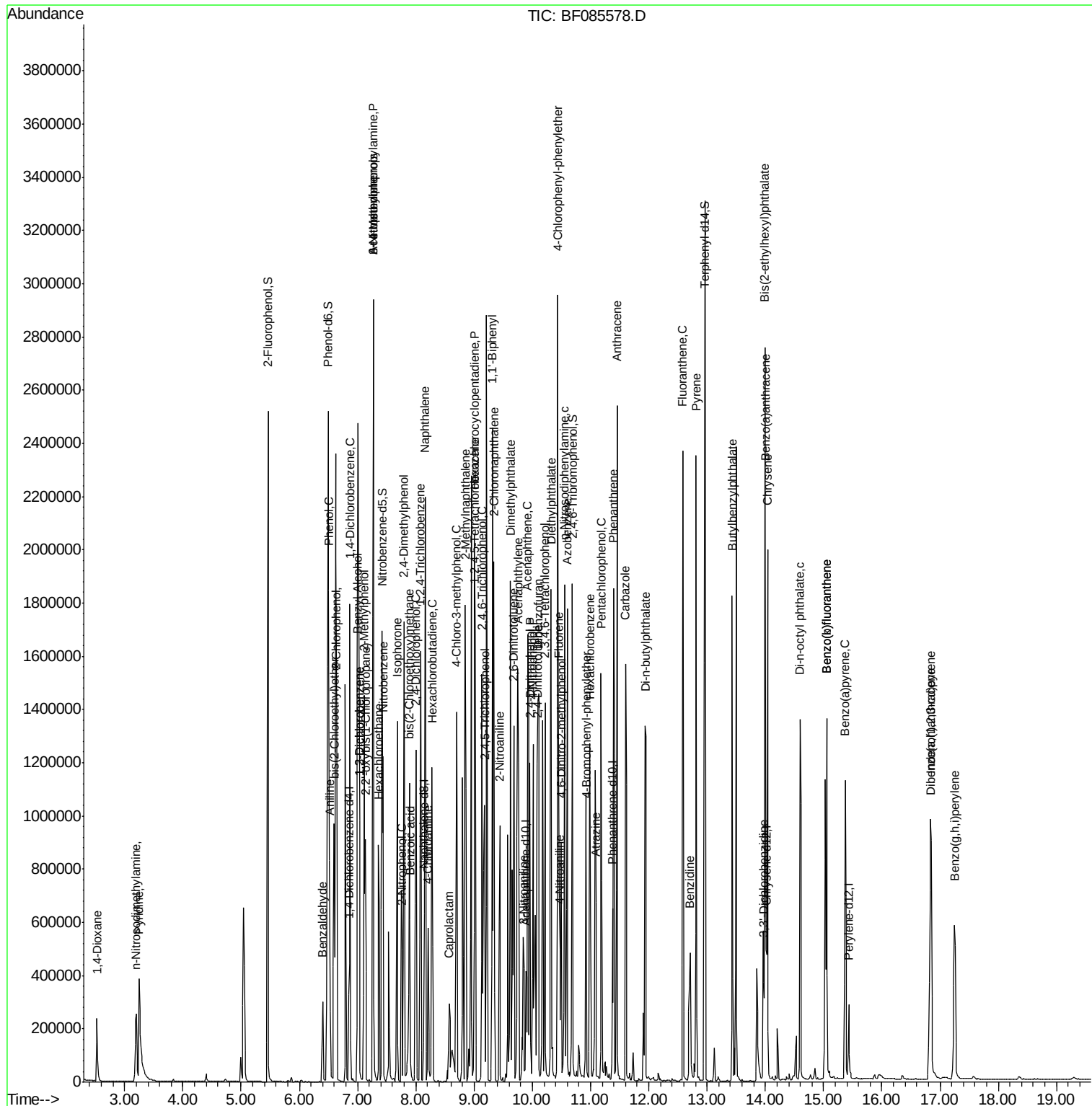
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209564	85.25	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	216245	86.44	ng	99
45) 1,1'-Biphenyl	9.32	154	740775	72.53	ng	98
46) 2-Chloronaphthalene	9.34	162	564926	75.73	ng	93
47) 2-Nitroaniline	9.44	65	194913	86.37	ng	# 75
48) Acenaphthylene	9.75	152	973419	80.63	ng	99
49) Dimethylphthalate	9.62	163	933684	104.51	ng	99
50) 2,6-Dinitrotoluene	9.68	165	167060	88.58	ng	# 84
51) Acenaphthene	9.92	154	660837	87.22	ng	99
52) 3-Nitroaniline	9.85	138	131574	55.70	ng	# 75
53) 2,4-Dinitrophenol	9.96	184	148868	128.85	ng	87
54) Dibenzofuran	10.10	168	848214	91.94	ng	96
55) 4-Nitrophenol	10.01	139	239424	131.15	ng	93
56) 2,4-Dinitrotoluene	10.08	165	190874	77.30	ng	# 55
57) Fluorene	10.45	166	604907	78.67	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167844	93.18	ng	98
59) Diethylphthalate	10.32	149	728399	82.01	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	310634	82.73	ng	89
61) 4-Nitroaniline	10.47	138	182073	78.20	ng	89
62) Azobenzene	10.60	77	768039	90.11	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	115645	77.52	ng	# 73
65) n-Nitrosodiphenylamine	10.55	169	535982	73.81	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	186667	80.15	ng	# 85
67) Hexachlorobenzene	10.98	284	184136	74.42	ng	# 71
68) Atrazine	11.09	200	188767	85.38	ng	93
69) Pentachlorophenol	11.18	266	204500	136.14	ng	99
70) Phenanthrene	11.40	178	941291	76.58	ng	99
71) Anthracene	11.45	178	992454	77.00	ng	99
72) Carbazole	11.60	167	862702	77.59	ng	99
73) Di-n-butylphthalate	11.95	149	1085569	77.97	ng	# 98
74) Fluoranthene	12.59	202	903088	70.17	ng	96
76) Benzidine	12.71	184	230691	43.41	ng	98
77) Pyrene	12.81	202	913310	80.50	ng	99
79) Butylbenzylphthalate	13.43	149	429972	79.50	ng	# 78
80) Benzo(a)anthracene	14.00	228	728856	79.45	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	145053	43.15	ng	# 95
82) Chrysene	14.04	228	678898	76.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	547428	81.47	ng	# 97
84) Di-n-octyl phthalate	14.60	149	906786	82.82	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	581241	78.81	ng	99
87) Benzo(b)fluoranthene	15.05	252	1159809	153.16	ng	100
88) Benzo(k)fluoranthene	15.05	252	1159809	185.90	ng	# 97
89) Benzo(a)pyrene	15.37	252	535667	83.44	ng	98
90) Dibenzo(a,h)anthracene	16.85	278	486168	90.80	ng	100
91) Benzo(g,h,i)perylene	17.25	276	495029	95.52	ng	98

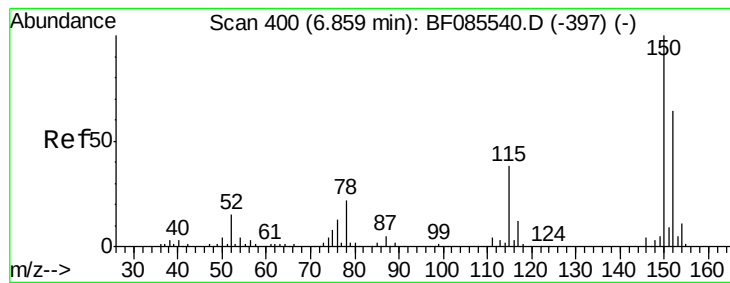
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

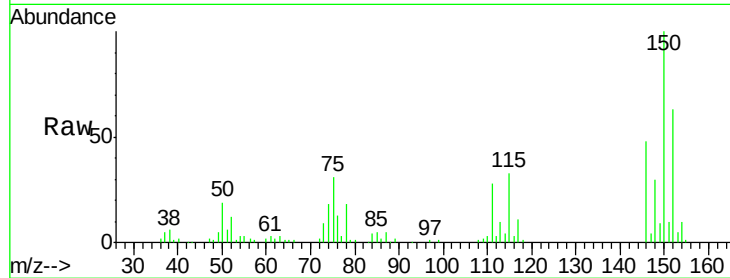
Tgt Ion:152 Resp: 67489

Ion Ratio Lower Upper

152 100

150 159.5 124.2 186.2

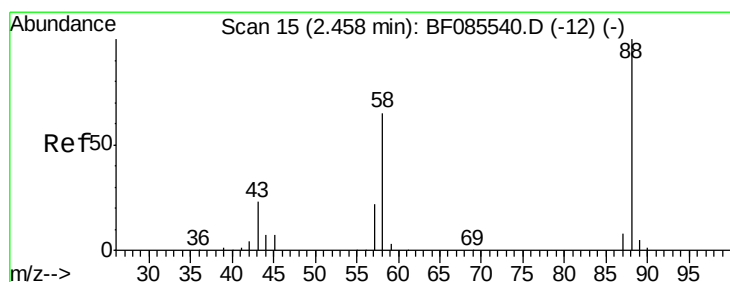
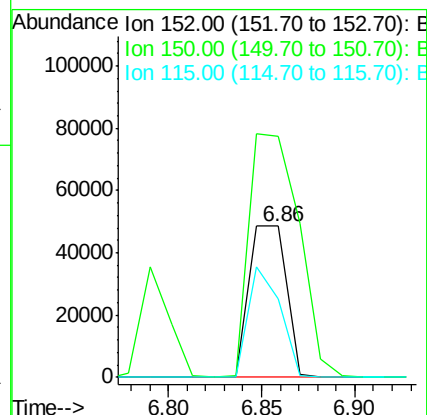
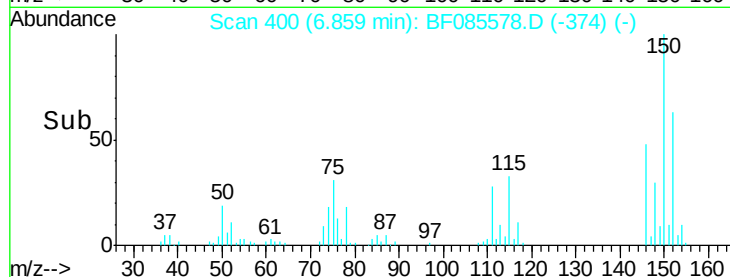
115 51.9 47.0 70.6



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: 68.64 ng

RT: 2.53 min Scan# 21

Delta R.T. 0.07 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

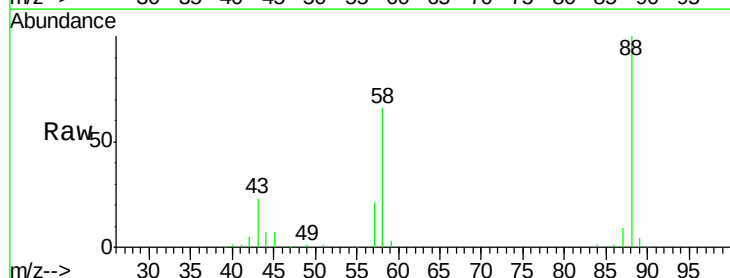
Tgt Ion: 88 Resp: 134064

Ion Ratio Lower Upper

88 100

58 69.0 54.2 81.2

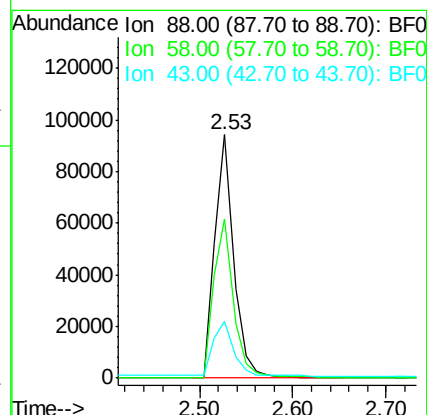
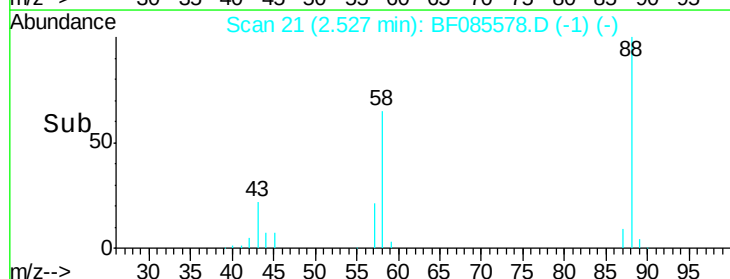
43 24.9 19.3 28.9

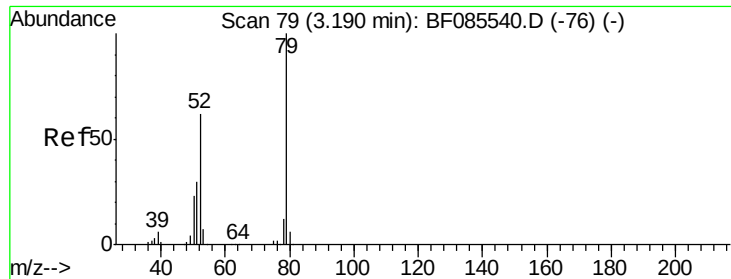


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 74.18 ng

RT: 3.25 min Scan# 84

Delta R.T. 0.06 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

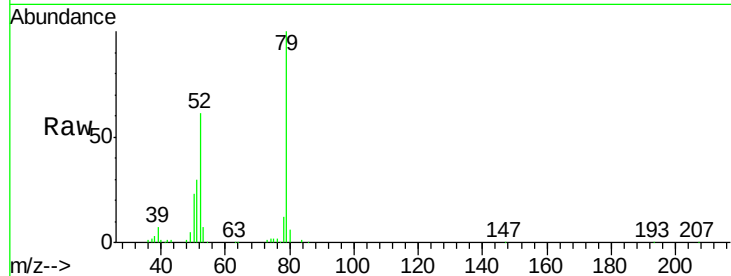
Tgt Ion: 79 Resp: 355770

Ion Ratio Lower Upper

79 100

52 61.4 49.8 74.6

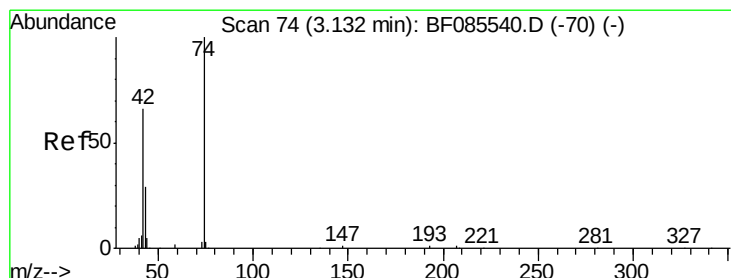
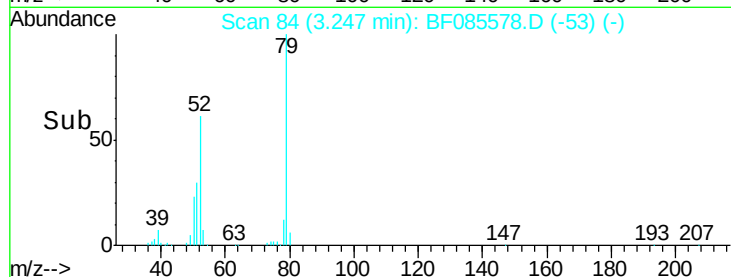
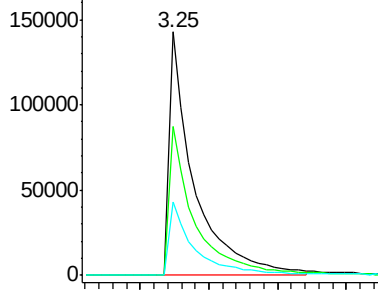
51 30.0 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 79.43 ng

RT: 3.20 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

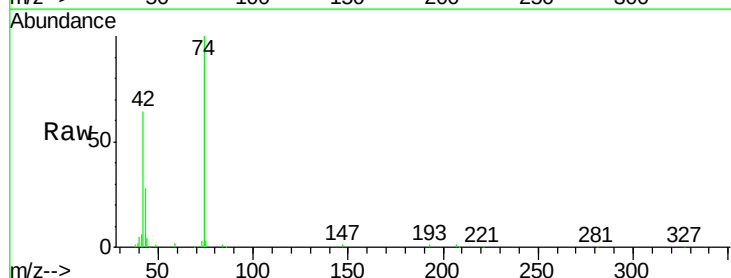
Tgt Ion: 42 Resp: 159027

Ion Ratio Lower Upper

42 100

74 155.2 121.4 182.2

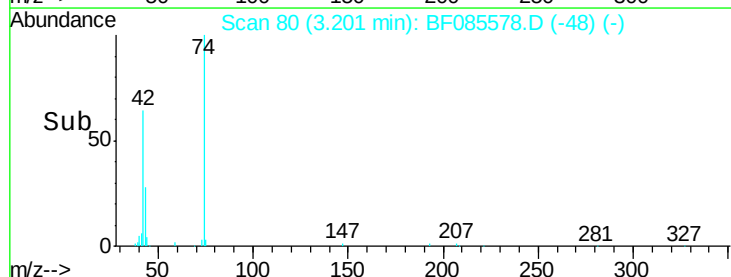
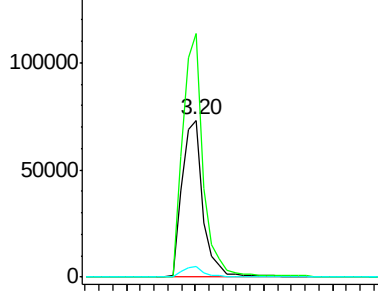
44 7.0 5.6 8.4

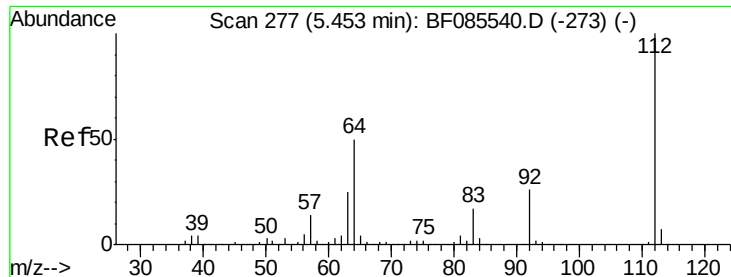


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 237.35 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085578.D

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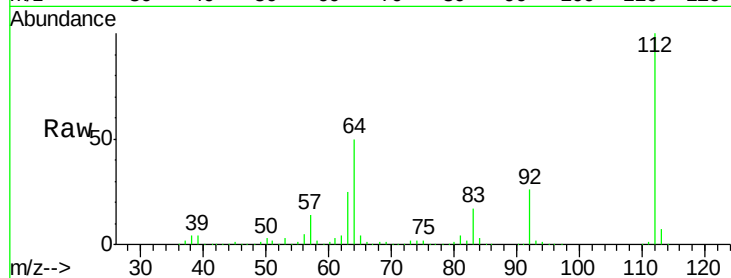
Tgt Ion: 112 Resp: 953690

Ion Ratio Lower Upper

112 100

64 49.5 39.9 59.9

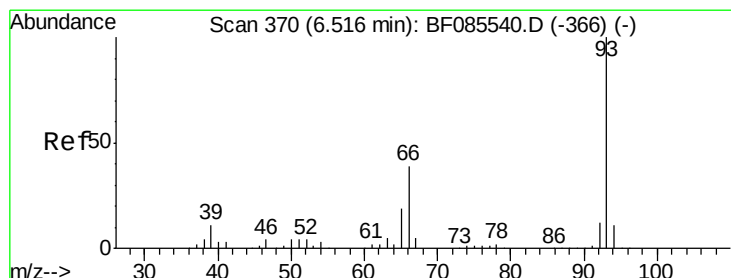
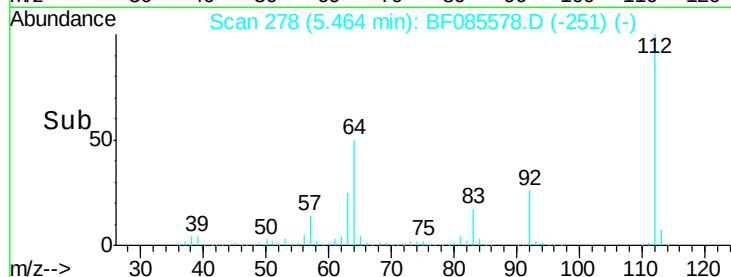
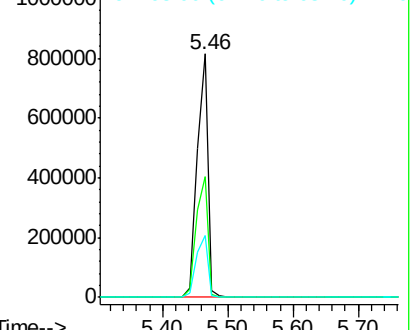
63 25.2 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 54.78 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

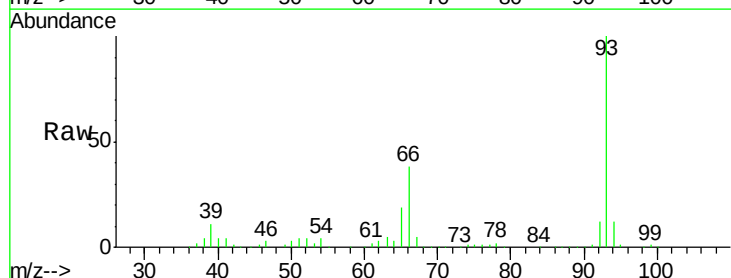
Tgt Ion: 93 Resp: 379131

Ion Ratio Lower Upper

93 100

66 37.8 31.4 47.2

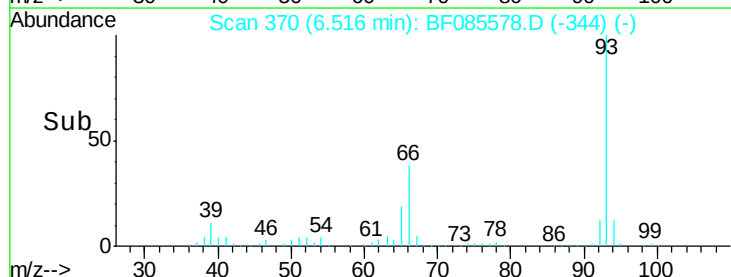
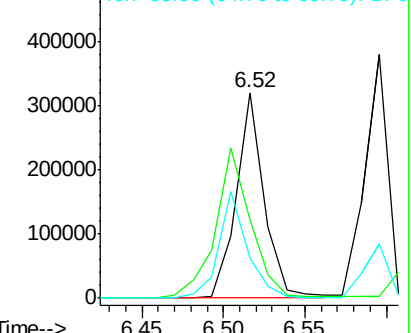
65 19.4 15.7 23.5

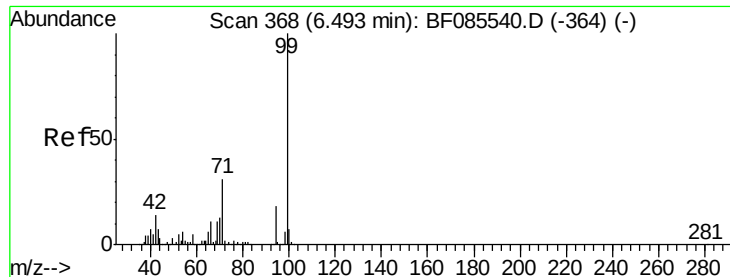


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 220.66 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

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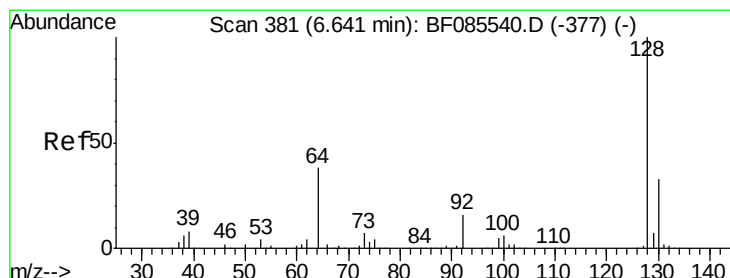
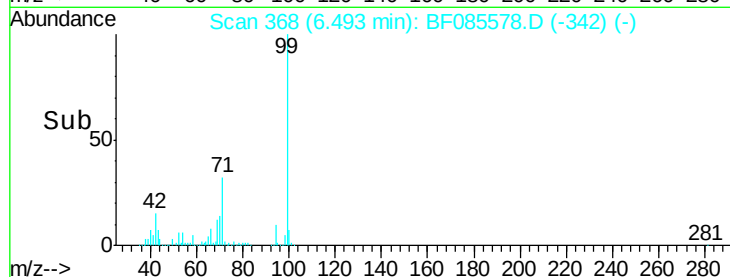
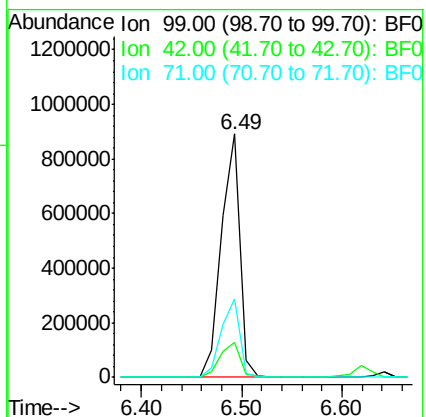
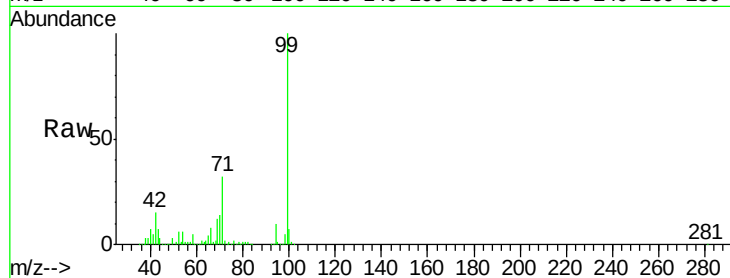
Tgt Ion: 99 Resp: 1137154

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

71 32.2 24.9 37.3



#8

2-Chlorophenol

Concen: 80.72 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

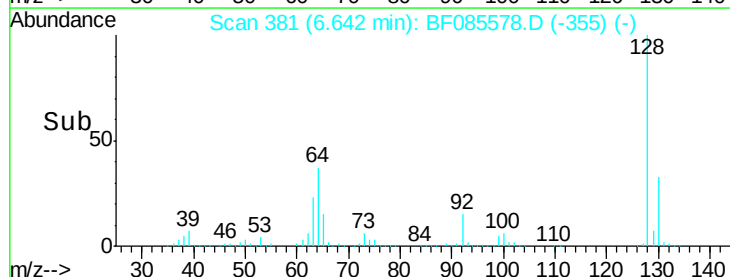
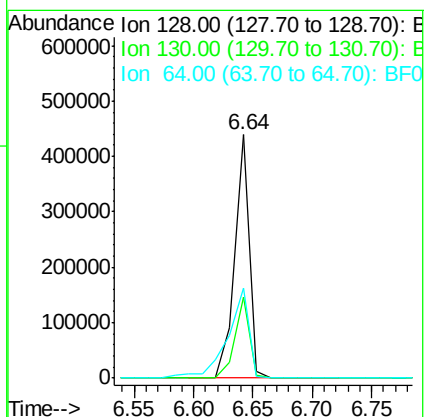
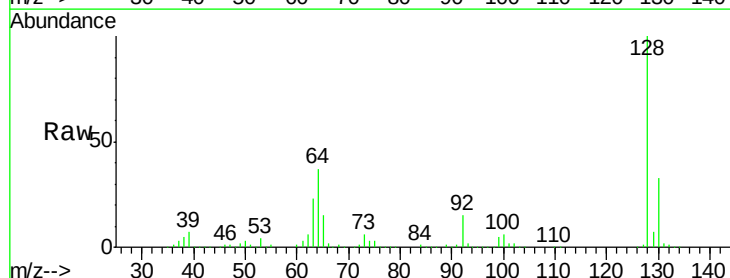
Tgt Ion: 128 Resp: 375193

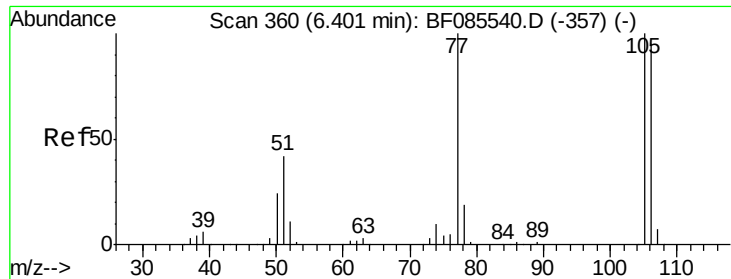
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 36.9 20.2 60.2





#9

Benzaldehyde

Concen: 28.04 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085578.D

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SB-1(8-9)MSD

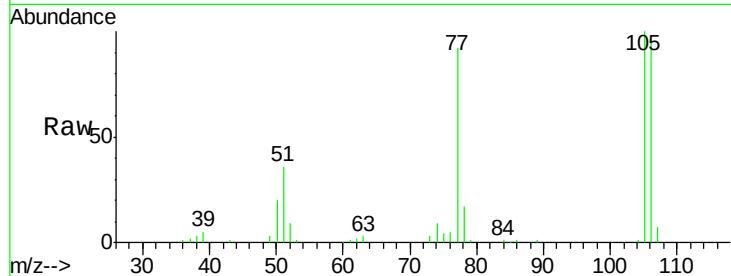
Tgt Ion: 77 Resp: 73677

Ion Ratio Lower Upper

77 100

105 108.3 80.1 120.1

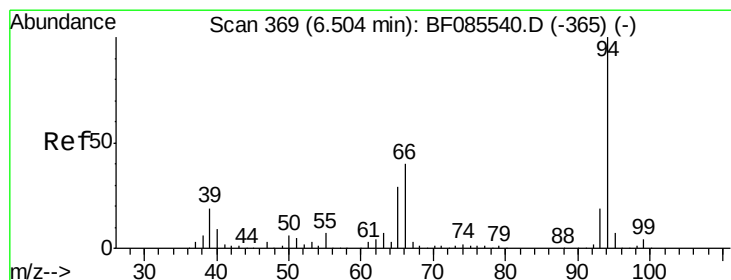
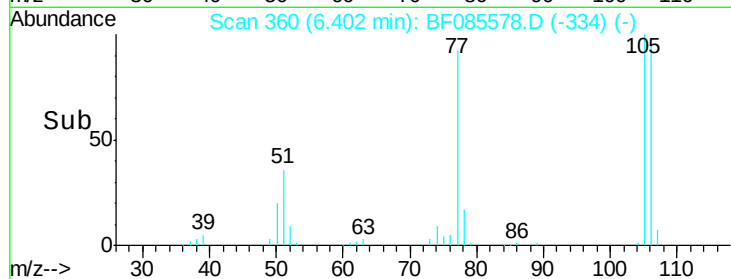
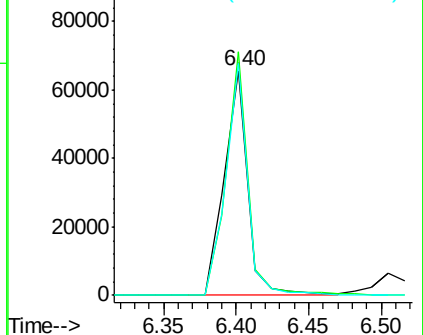
106 103.5 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 86.51 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

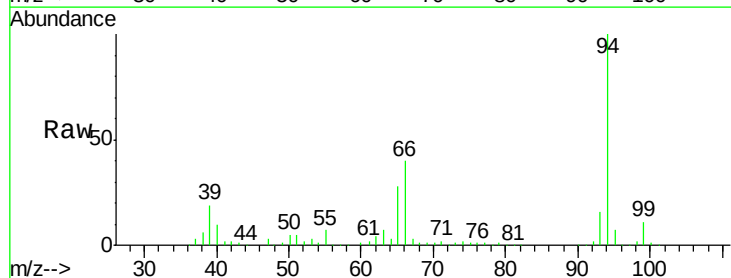
Tgt Ion: 94 Resp: 507775

Ion Ratio Lower Upper

94 100

65 28.4 8.6 48.6

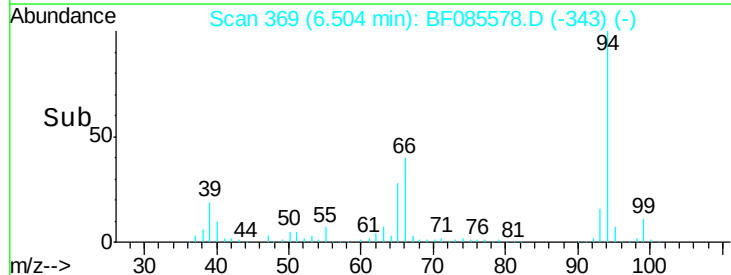
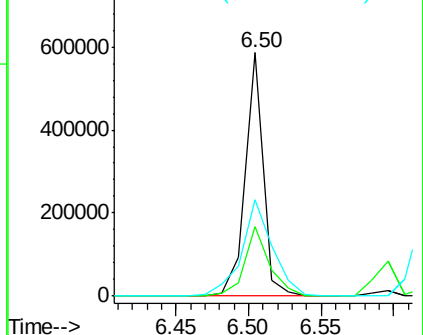
66 39.7 20.0 60.0

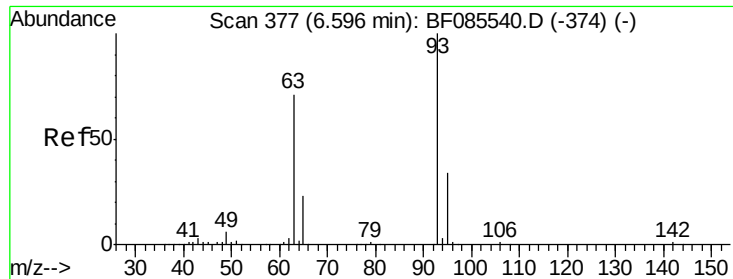


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

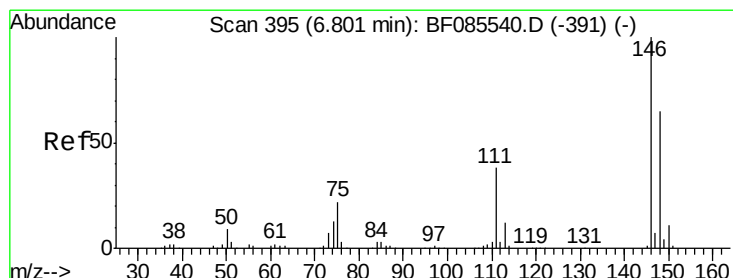
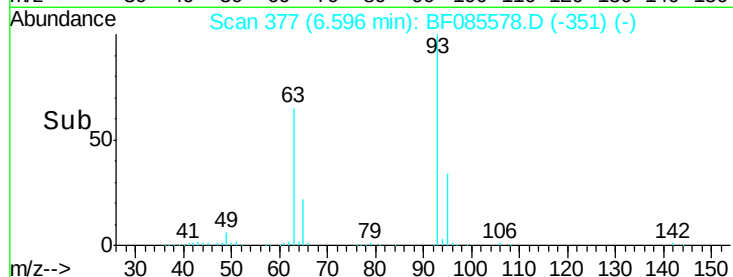
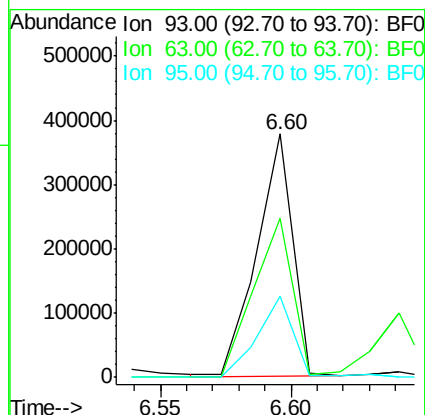
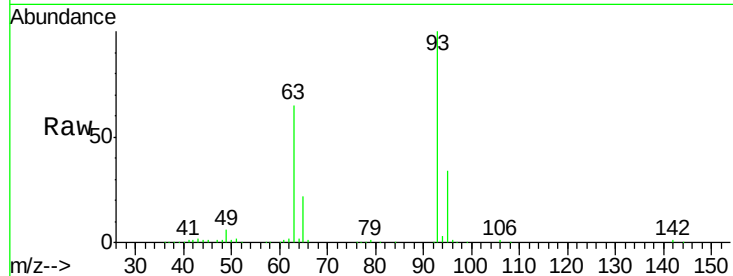




#11
bis(2-Chloroethyl)ether
Concen: 82.10 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

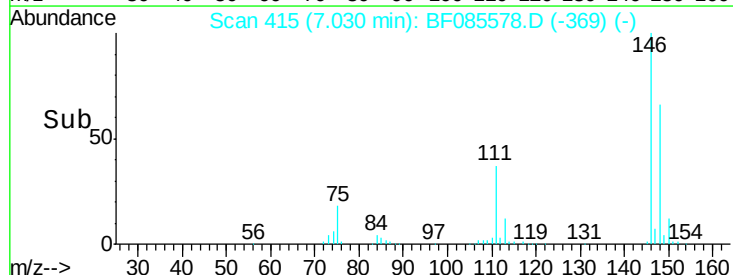
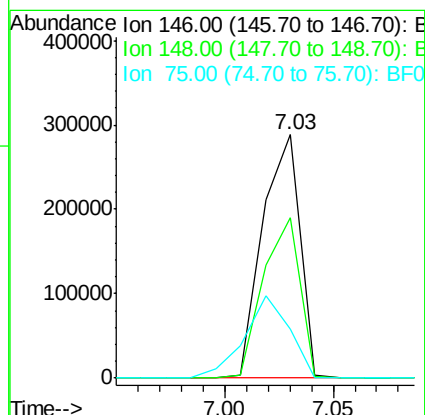
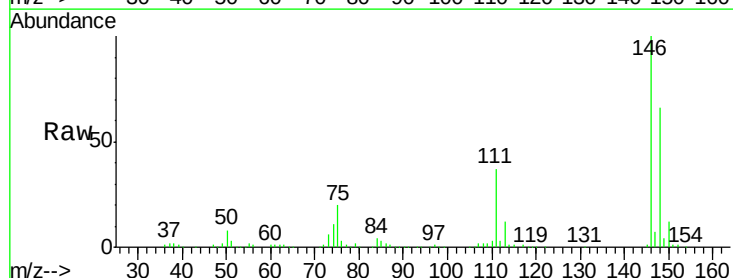
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

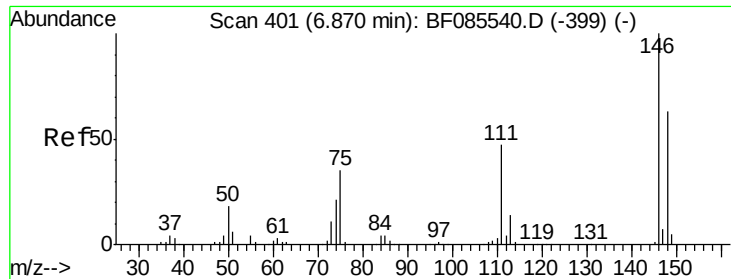
Tgt Ion: 93 Resp: 363287
Ion Ratio Lower Upper
93 100
63 65.4 50.9 90.9
95 33.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 68.86 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion: 146 Resp: 348792
Ion Ratio Lower Upper
146 100
148 65.7 52.3 78.5
75 20.2 17.4 26.2

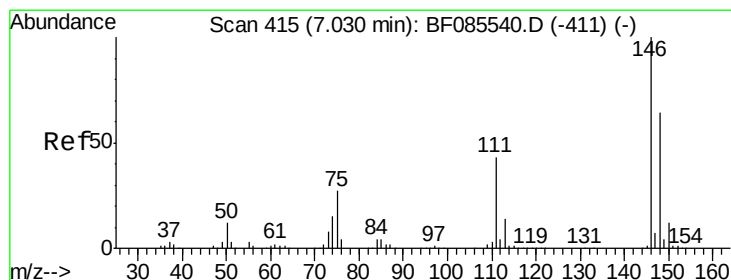
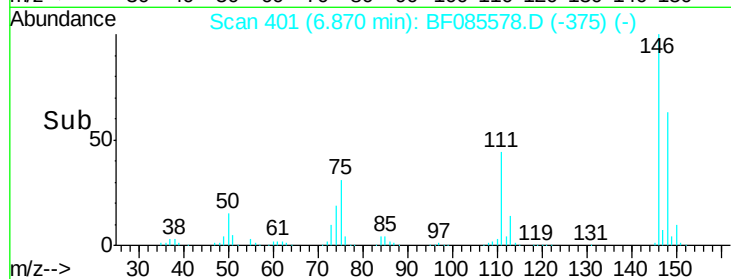
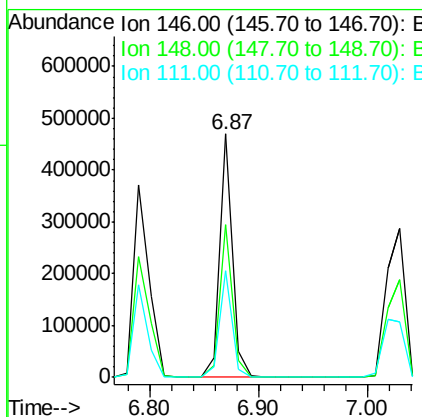
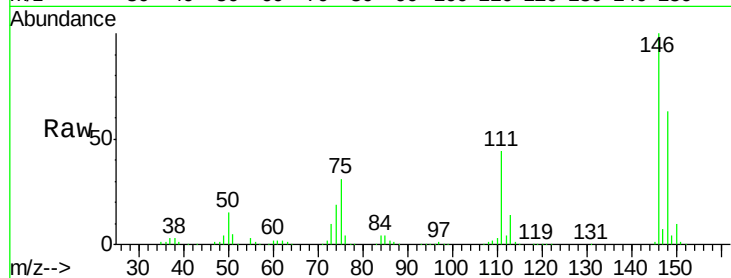




#13
 1,4-Dichlorobenzene
 Concen: 74.83 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

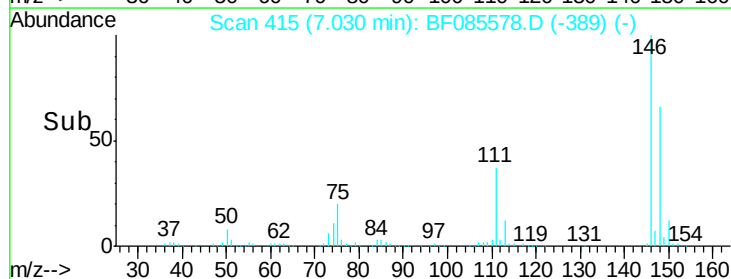
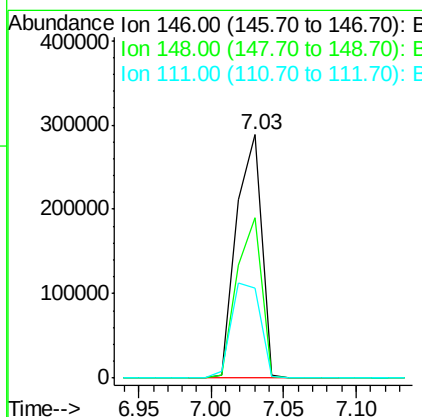
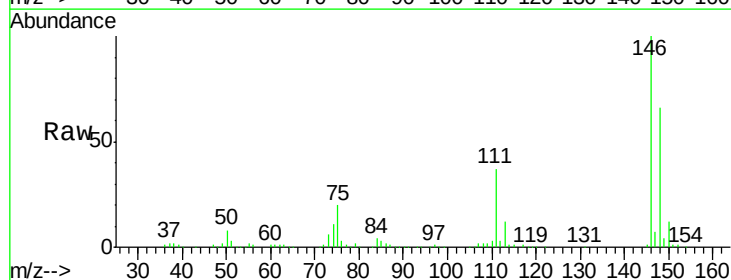
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

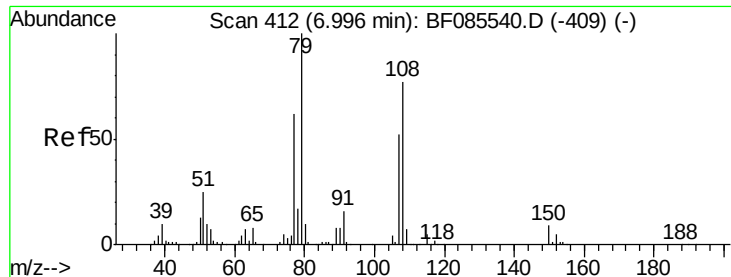
Tgt Ion:146 Resp: 386612
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 43.9 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 76.11 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:146 Resp: 349154
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.2
 111 36.8 34.6 52.0





#15

Benzyl Alcohol

Concen: 79.19 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

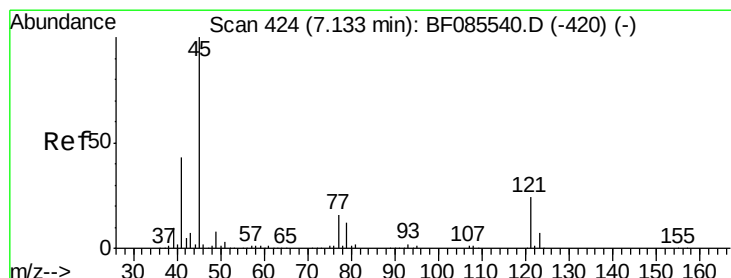
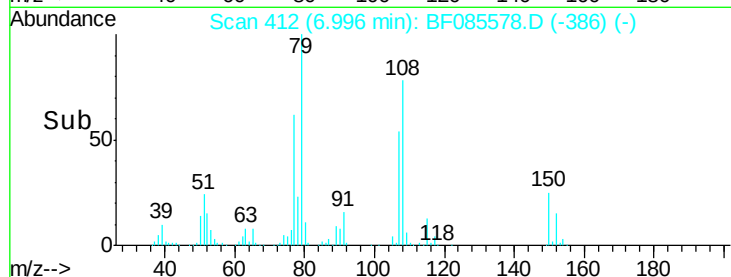
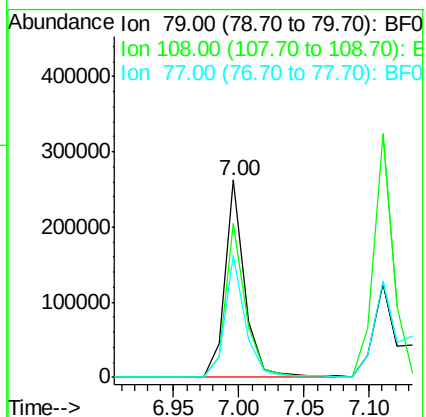
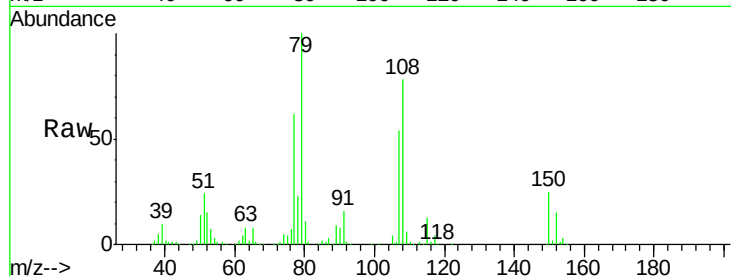
Tgt Ion: 79 Resp: 279527

Ion Ratio Lower Upper

79 100

108 78.1 61.8 92.6

77 61.9 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 73.83 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

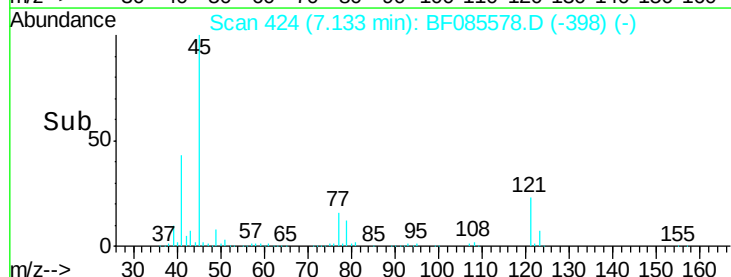
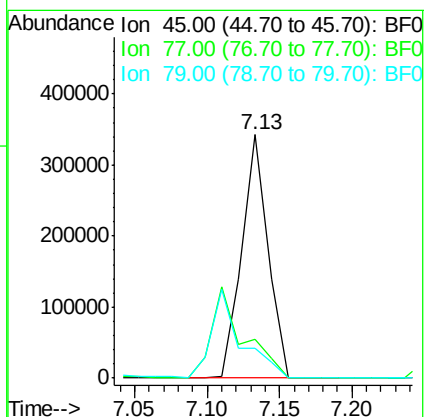
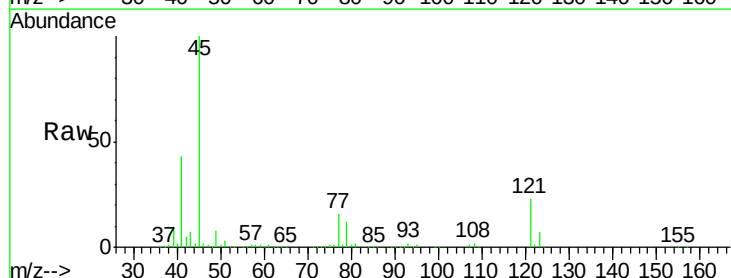
Tgt Ion: 45 Resp: 429613

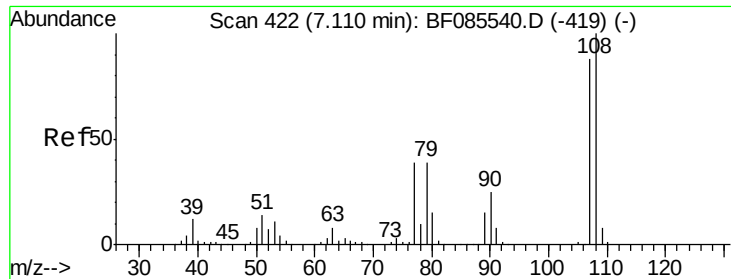
Ion Ratio Lower Upper

45 100

77 16.2 0.0 35.7

79 12.4 0.0 32.2

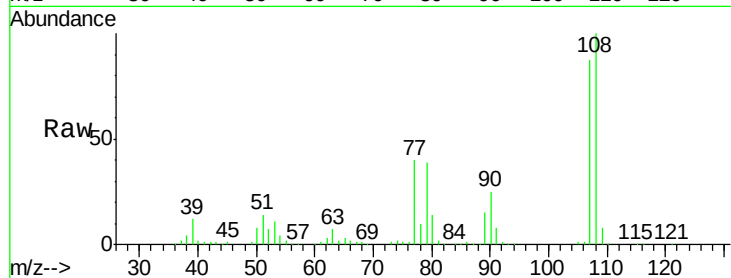




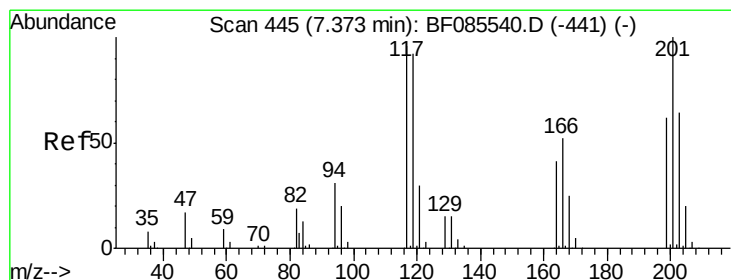
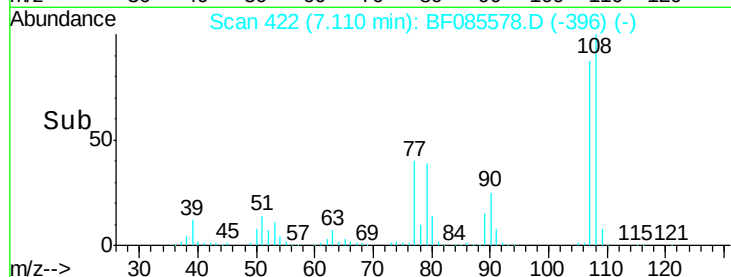
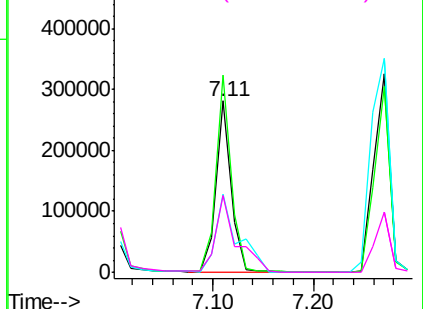
#17
2-Methylphenol
Concen: 76.77 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:107 Resp: 295819
Ion Ratio Lower Upper
107 100
108 115.2 91.4 137.0
77 45.5 36.2 54.2
79 44.6 35.8 53.8

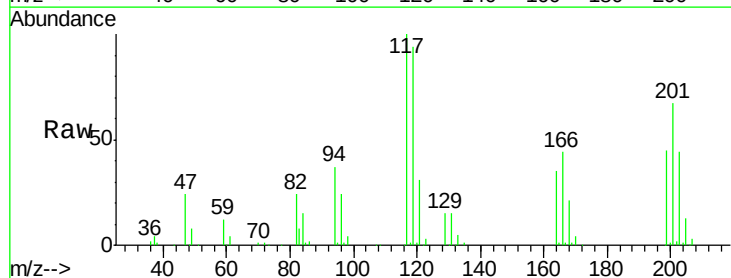


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

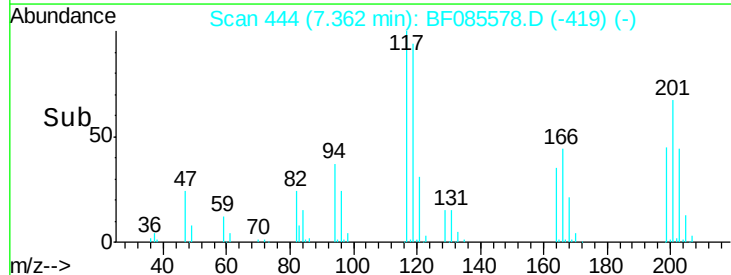
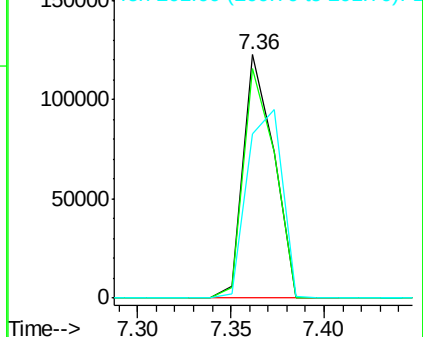


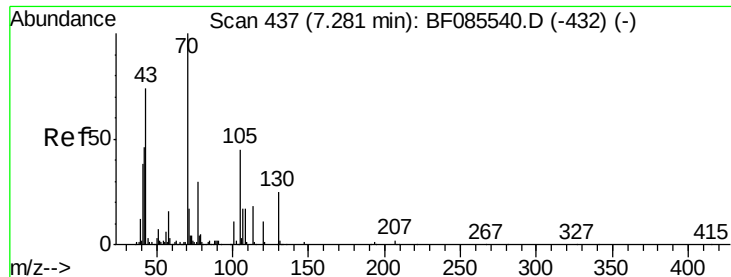
#18
Hexachloroethane
Concen: 74.55 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:117 Resp: 139073
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1
201 67.5 83.3 124.9#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

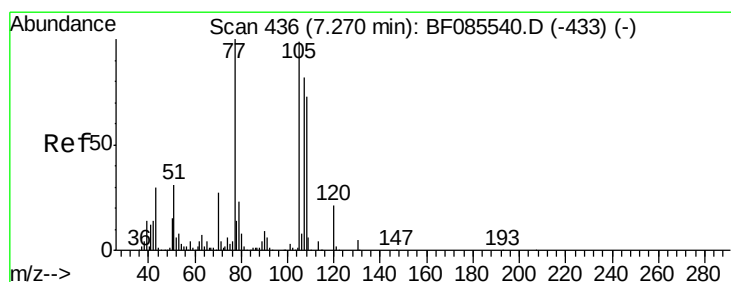
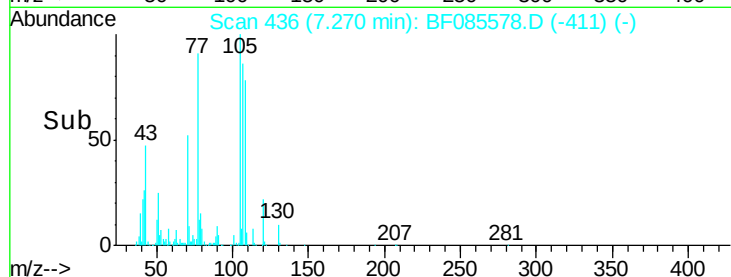
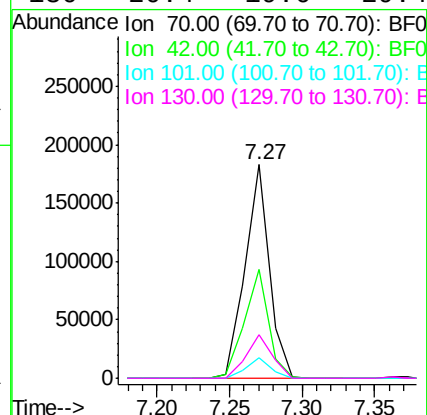
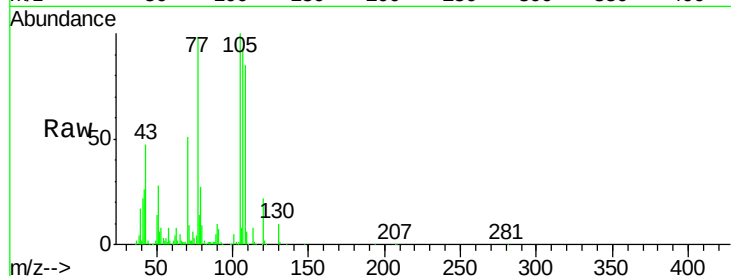




#19
n-Nitroso-di-n-propylamine
Concen: 69.34 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

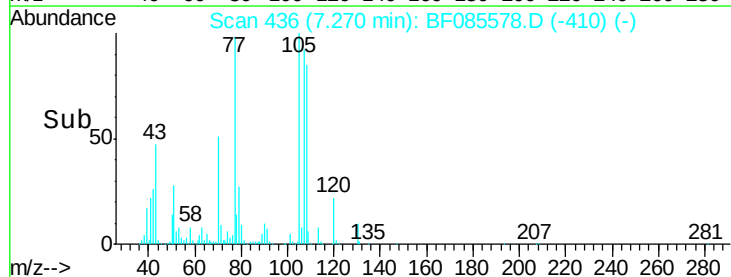
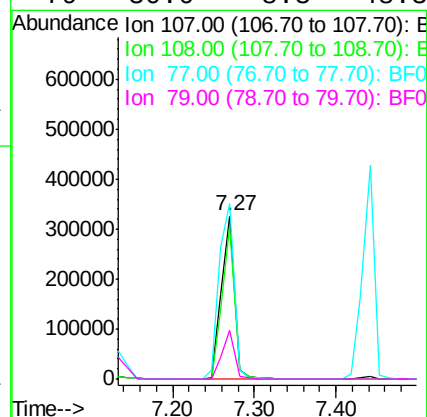
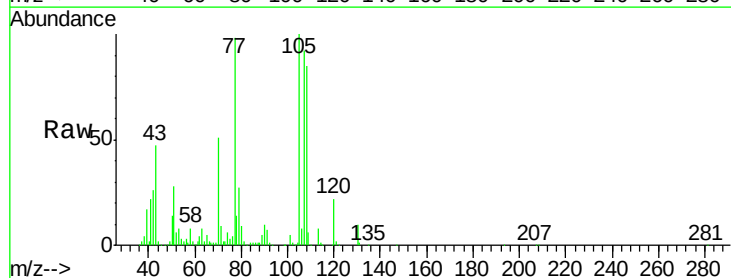
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

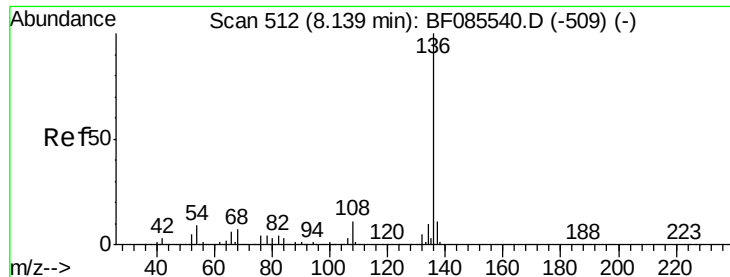
Tgt Ion:	70	Resp:	213435
Ion	Ratio	Lower	Upper
70	100		
42	50.9	37.1	55.7
101	9.7	8.6	12.8
130	20.4	19.6	29.4



#20
3+4-Methylphenols
Concen: 80.69 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:	107	Resp:	360092
Ion	Ratio	Lower	Upper
107	100		
108	93.1	69.3	109.3
77	107.5	101.7	141.7
79	30.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:136 Resp: 280812

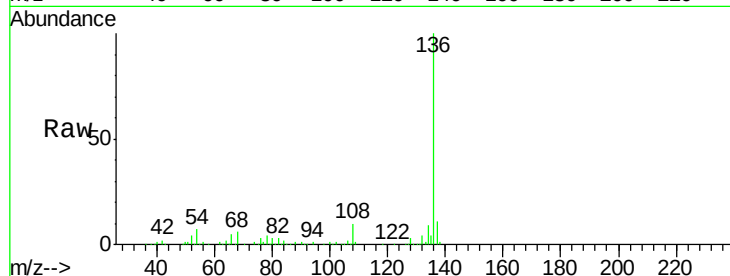
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.9 7.4 11.0#

68 5.8 5.8 8.8

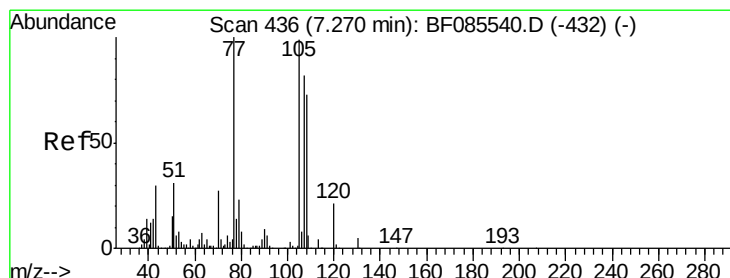
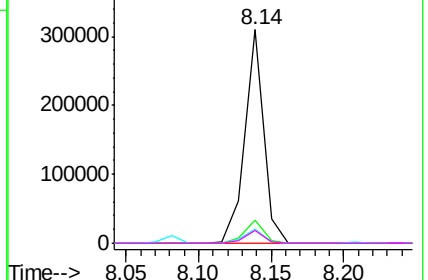
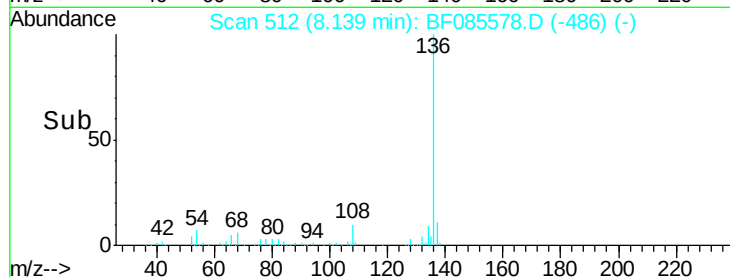


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.41 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:105 Resp: 462504

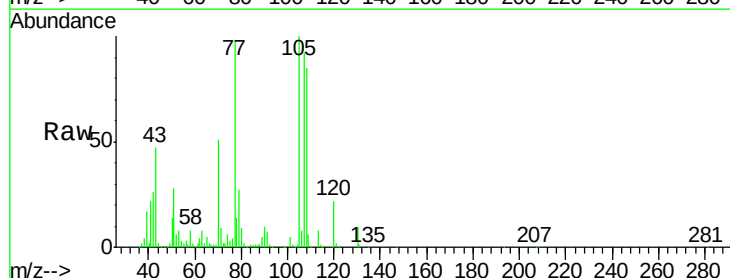
Ion Ratio Lower Upper

105 100

71 8.7 3.6 5.4#

51 28.3 25.4 38.0

120 21.8 16.9 25.3

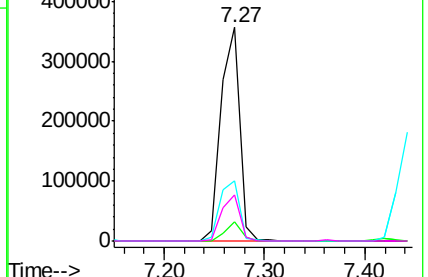
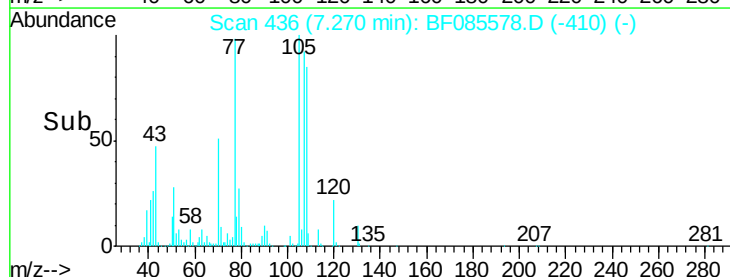


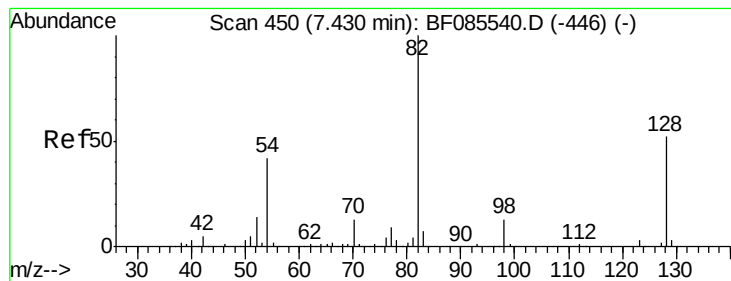
Abundance Ion 105.00 (104.70 to 105.70): E

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: 142.47 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

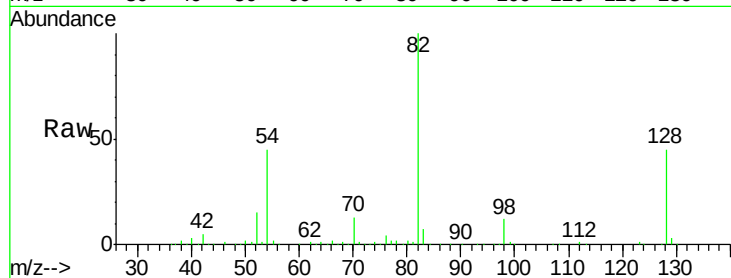
Tgt Ion: 82 Resp: 689249

Ion Ratio Lower Upper

82 100

128 45.4 41.8 62.8

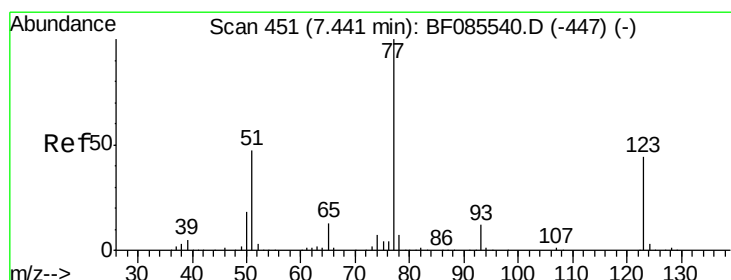
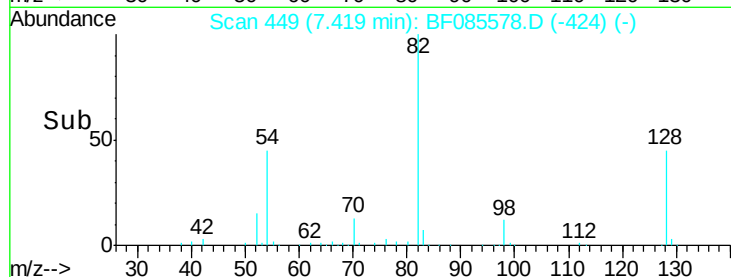
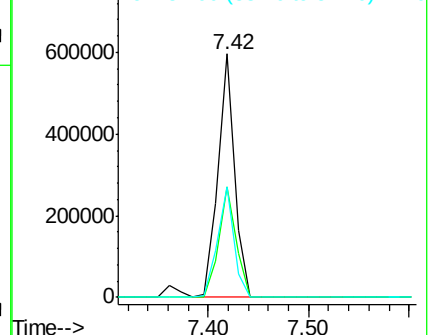
54 45.3 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 78.67 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

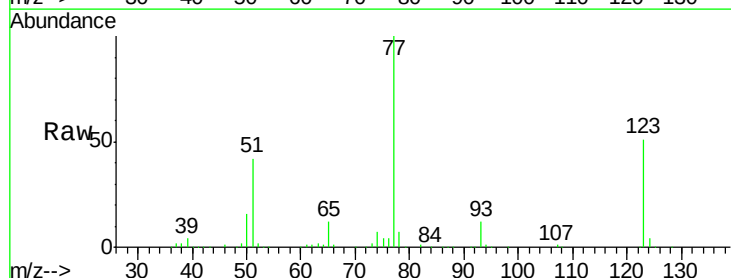
Tgt Ion: 77 Resp: 416607

Ion Ratio Lower Upper

77 100

123 51.2 35.0 52.4

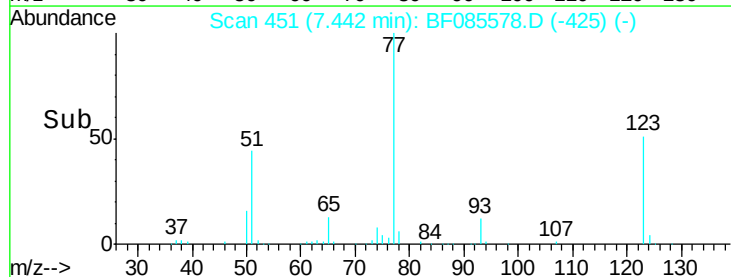
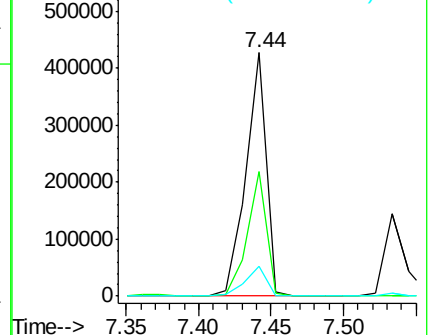
65 12.5 10.6 16.0

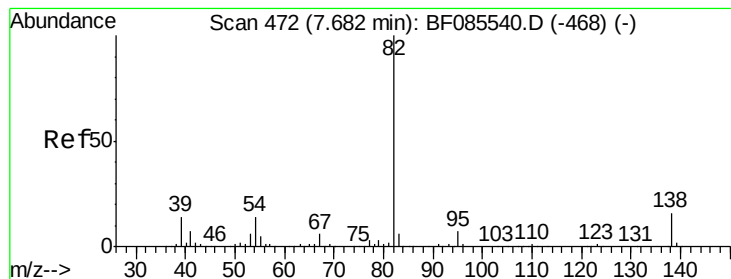


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 73.11 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

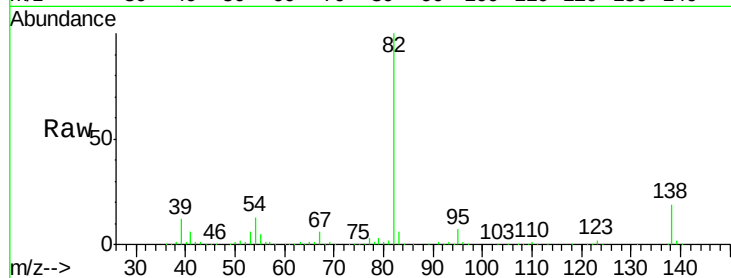
Tgt Ion: 82 Resp: 708122

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

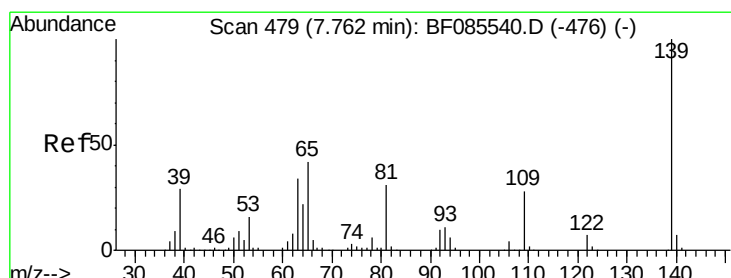
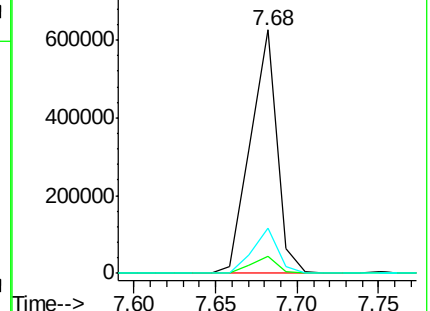
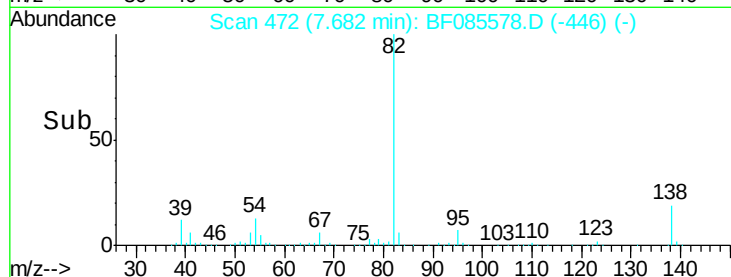
138 18.8 12.9 19.3



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: 75.22 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

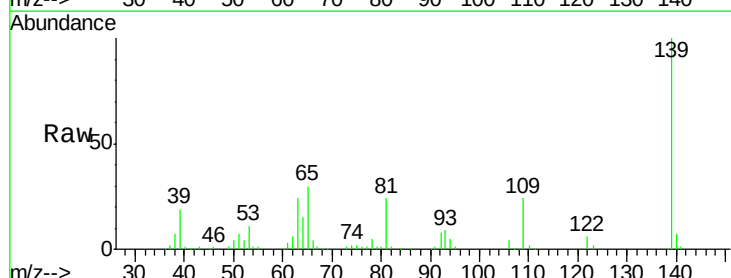
Tgt Ion: 139 Resp: 196849

Ion Ratio Lower Upper

139 100

109 23.9 22.1 33.1

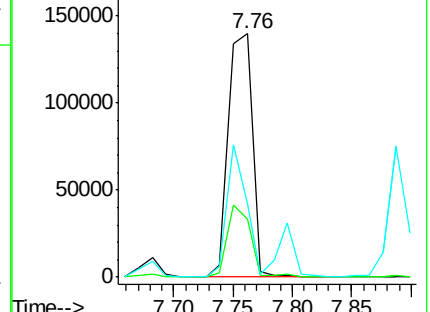
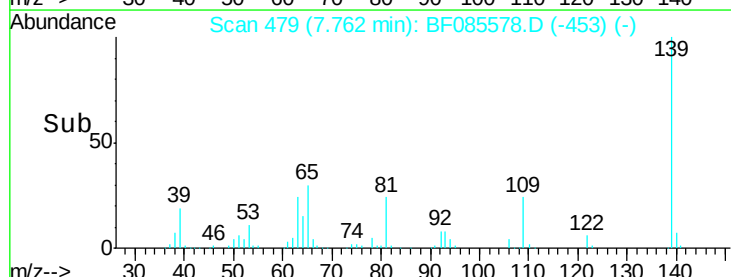
65 30.2 33.9 50.9#

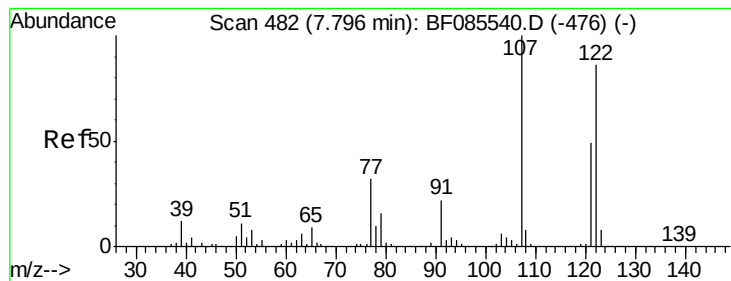


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 70.91 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

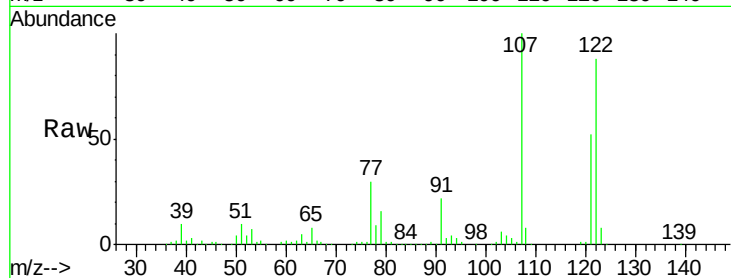
Tgt Ion:122 Resp: 328177

Ion Ratio Lower Upper

122 100

107 113.9 93.0 139.6

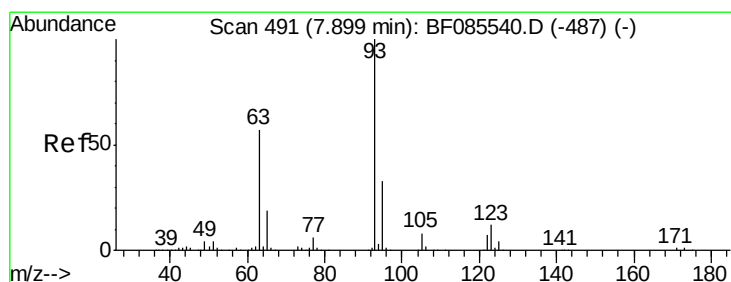
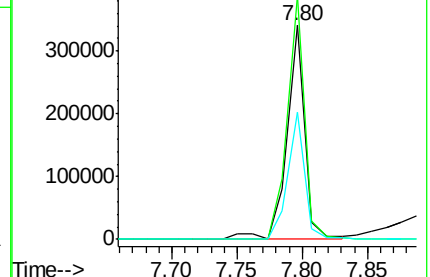
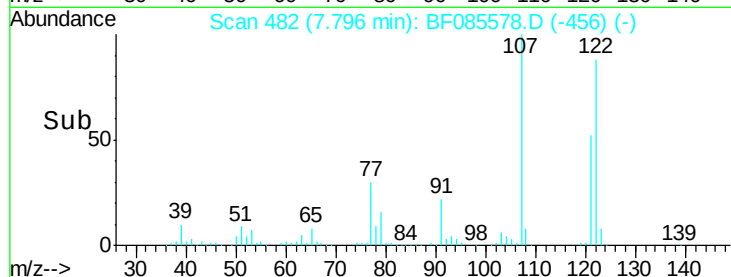
121 59.5 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 72.26 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

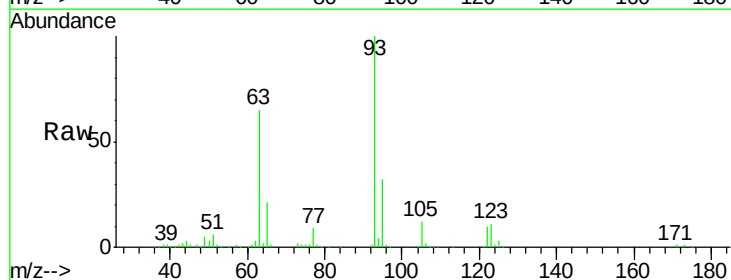
Tgt Ion: 93 Resp: 398130

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

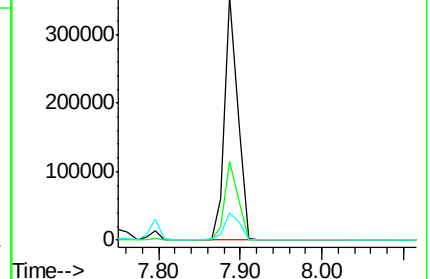
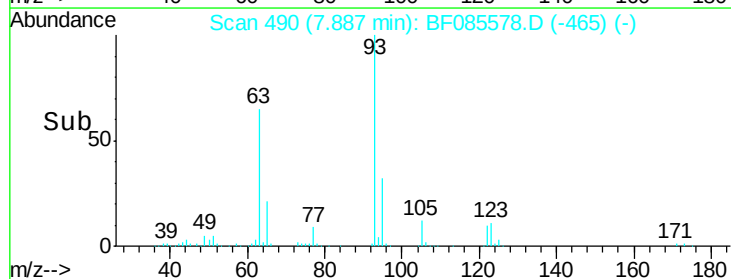
123 11.0 9.8 14.6

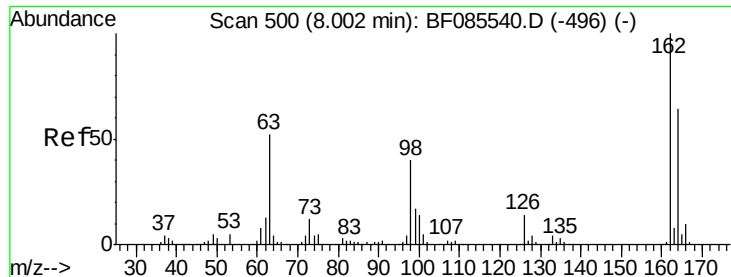


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

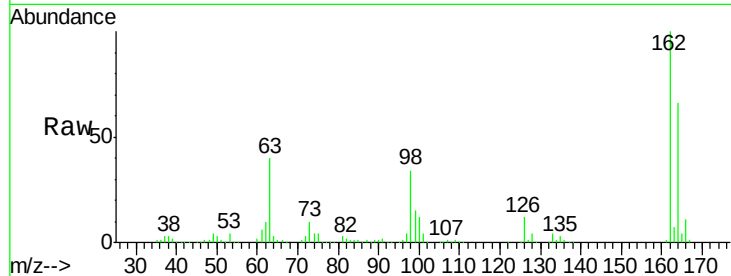




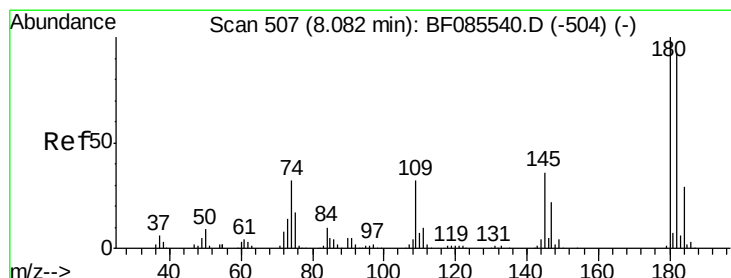
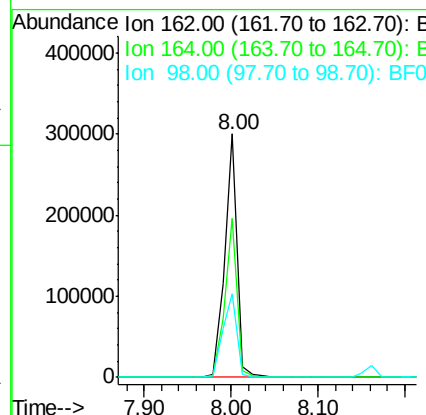
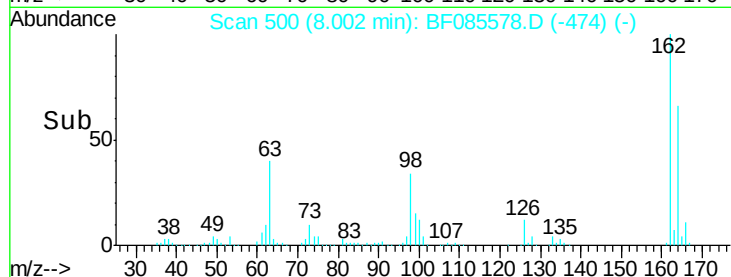
#29
 2,4-Dichlorophenol
 Concen: 78.90 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.7	83.7
98	34.4	20.4	60.4

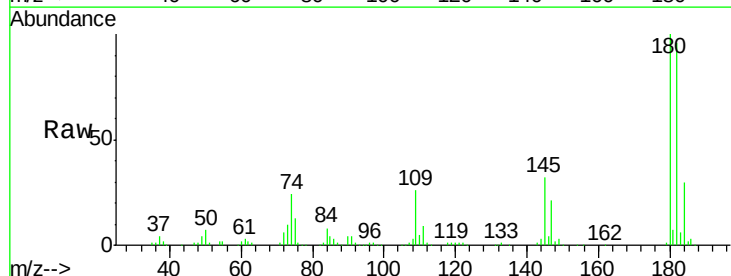


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

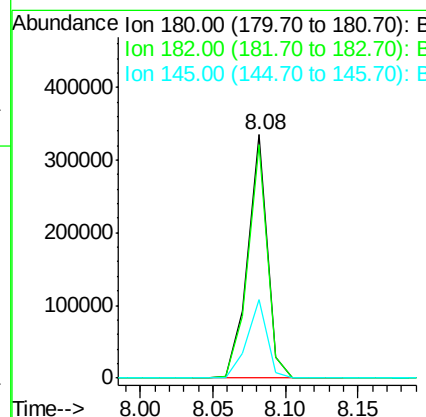
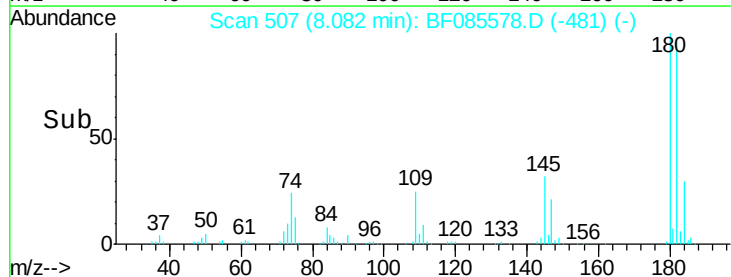


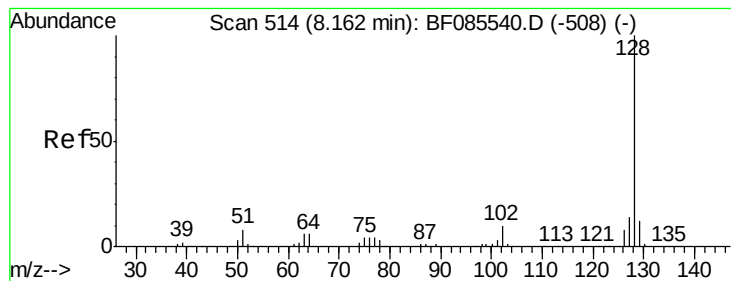
#30
 1,2,4-Trichlorobenzene
 Concen: 73.53 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	73.8	110.8
145	32.5	28.4	42.6



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: 72.76 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

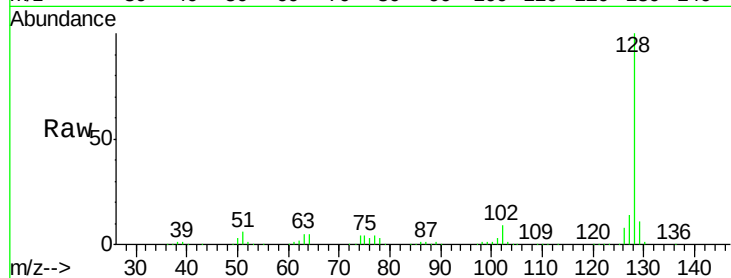
Tgt Ion:128 Resp: 1031319

Ion Ratio Lower Upper

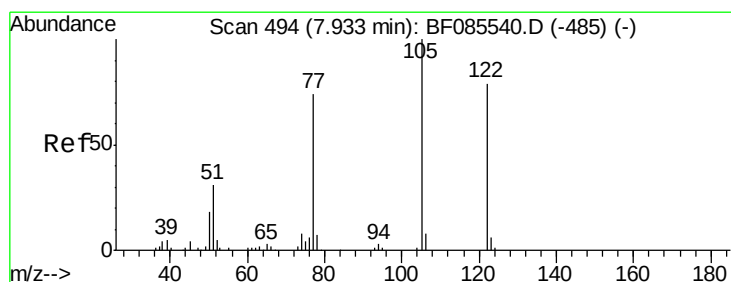
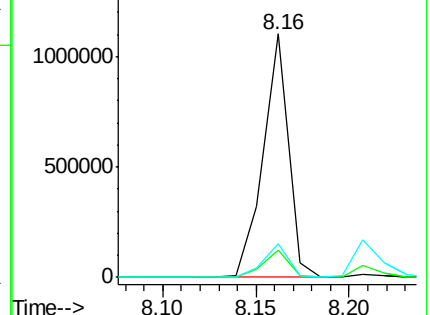
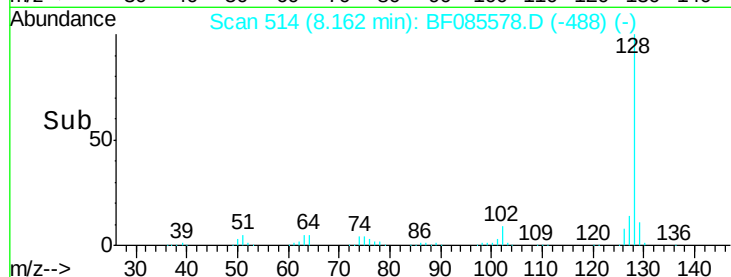
128 100

129 11.4 9.4 14.0

127 13.6 11.0 16.6



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: 31.26 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

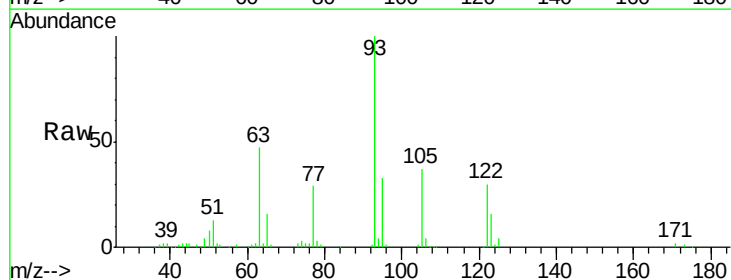
Tgt Ion:122 Resp: 120972

Ion Ratio Lower Upper

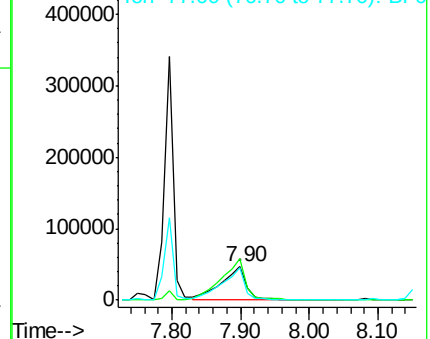
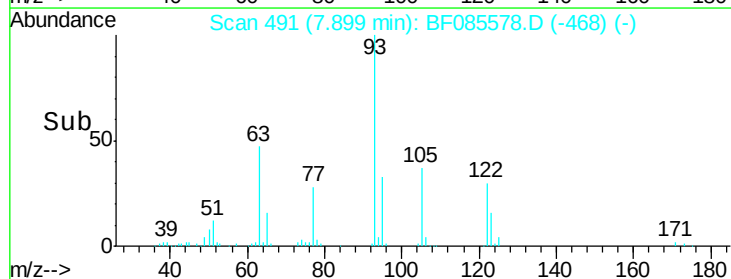
122 100

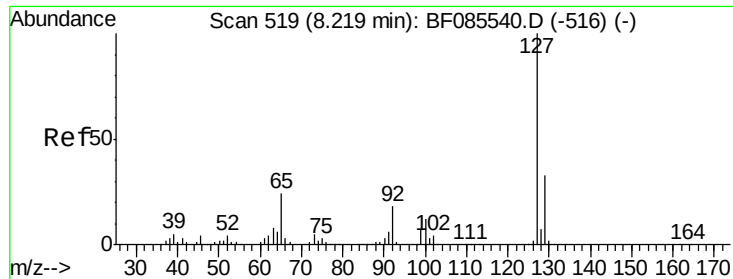
105 123.4 102.9 142.9

77 96.0 71.8 111.8



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

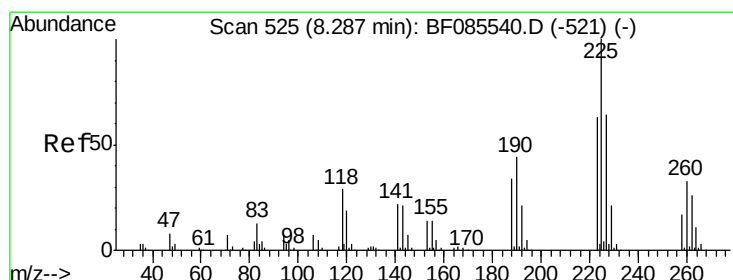
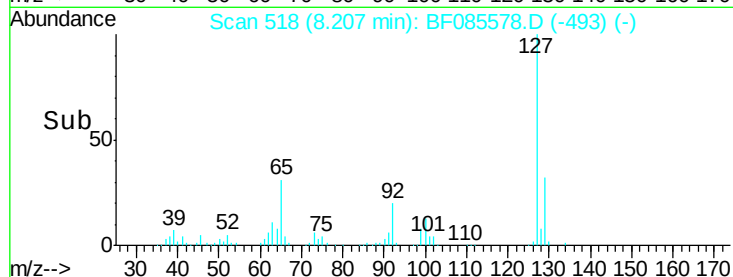
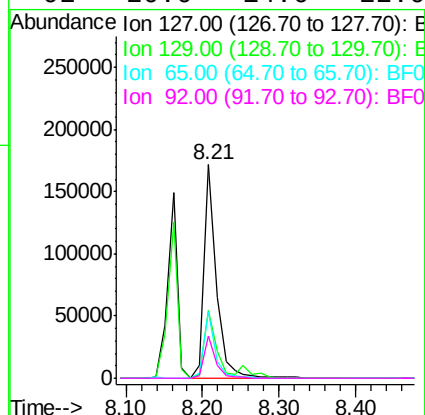
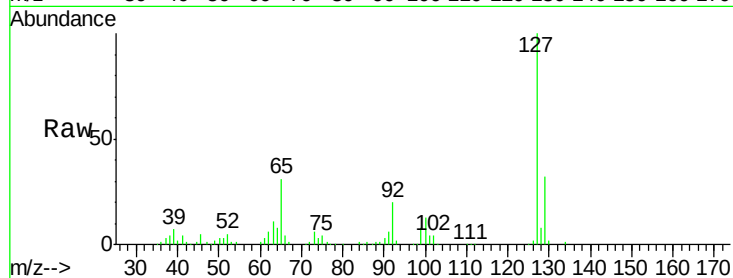




#33
4-Chloroaniline
Concen: 32.91 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

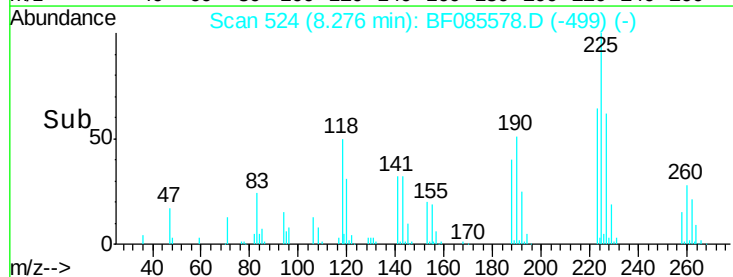
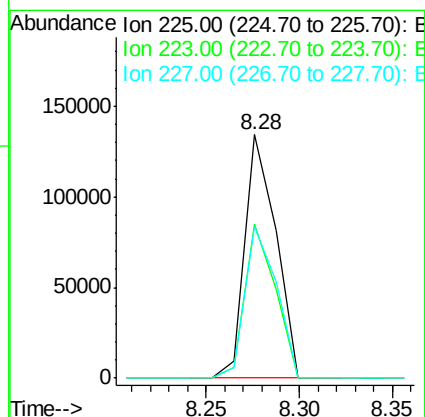
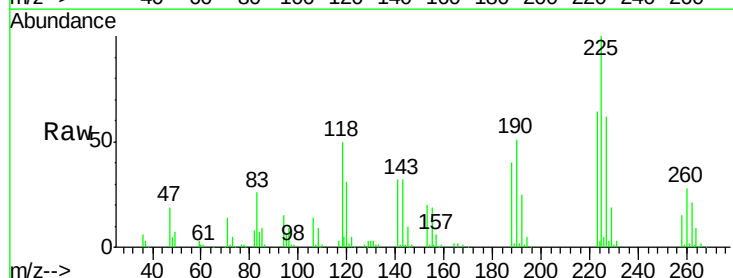
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

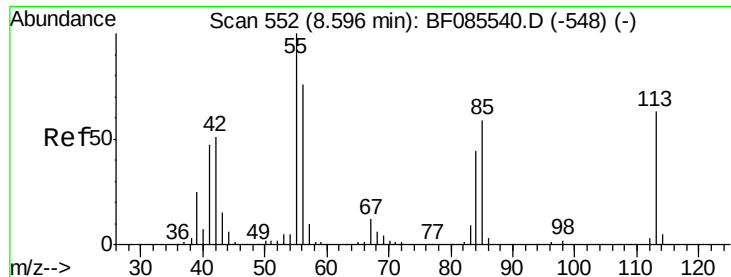
Tgt Ion:	127	Resp:	191184
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	31.2	19.5	29.3
92	20.0	14.6	22.0



#34
Hexachlorobutadiene
Concen: 67.88 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:	225	Resp:	154880
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.4	75.6
227	62.1	51.4	77.2

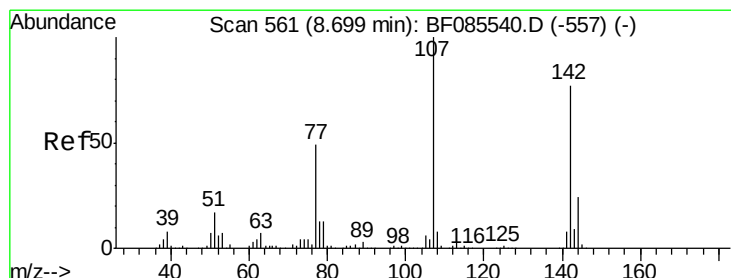
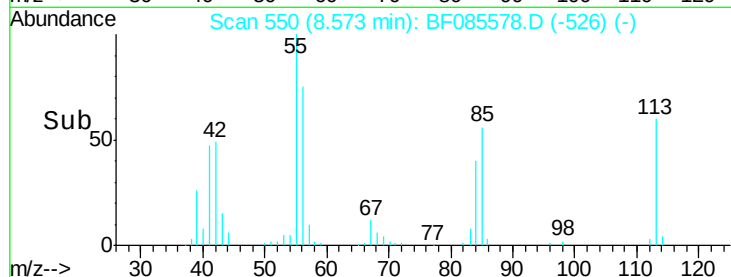
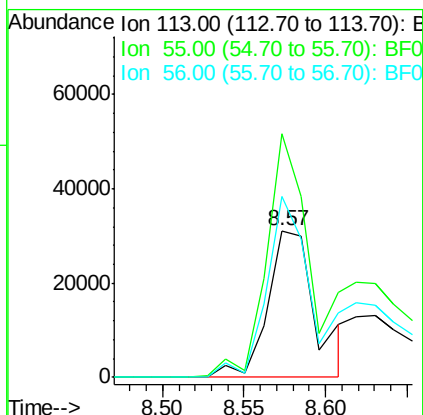
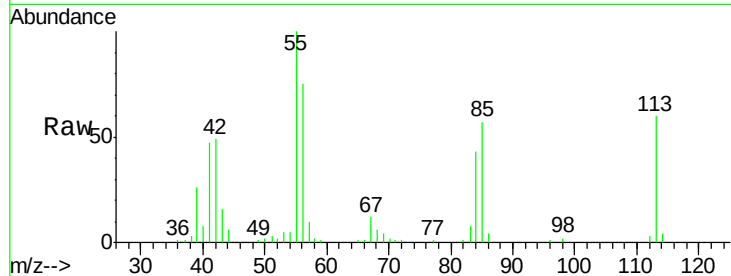




#35
 Caprolactam
 Concen: 48.38 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

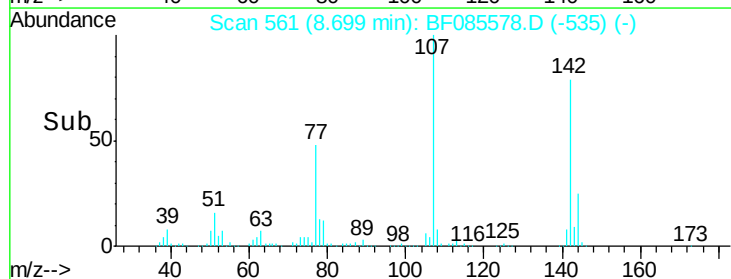
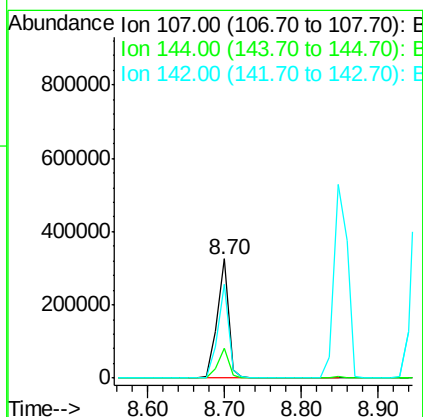
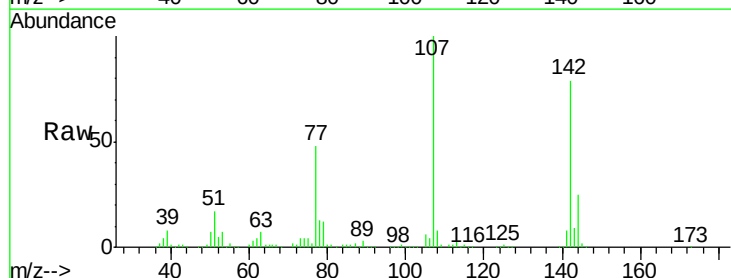
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

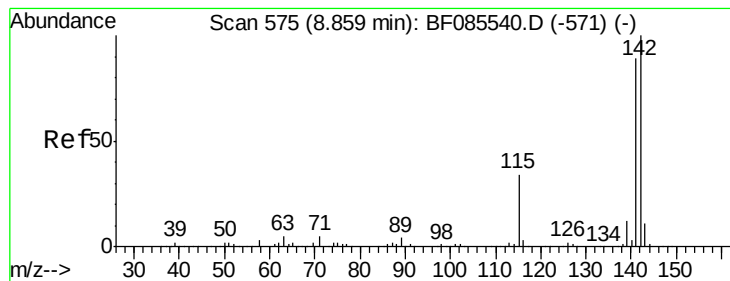
Tgt Ion:113 Resp: 63625
 Ion Ratio Lower Upper
 113 100
 55 166.0 139.4 179.4
 56 123.8 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 75.21 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:107 Resp: 335707
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 79.4 61.4 92.0





#37

2-Methylnaphthalene

Concen: 76.63 ng

RT: 8.85 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

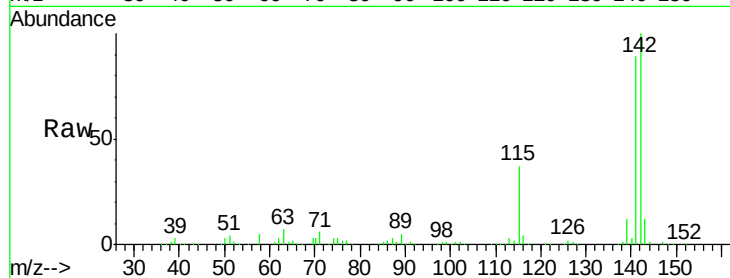
Tgt Ion:142 Resp: 662031

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4

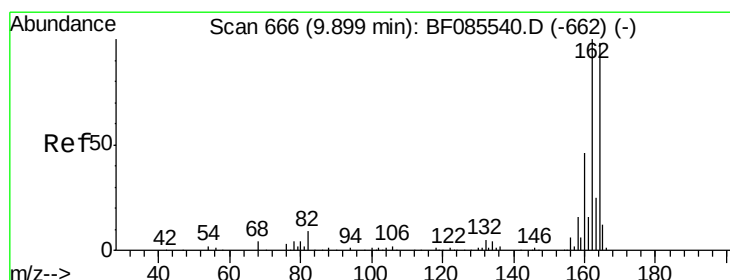
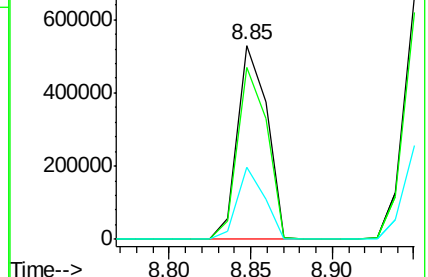
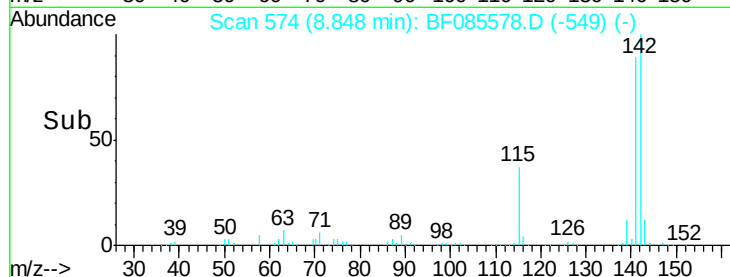
115 37.0 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

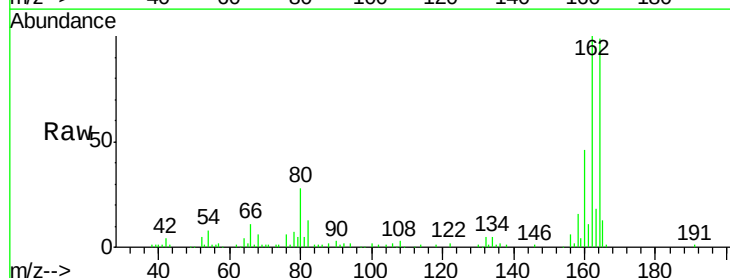
Tgt Ion:164 Resp: 118389

Ion Ratio Lower Upper

164 100

162 101.4 82.1 123.1

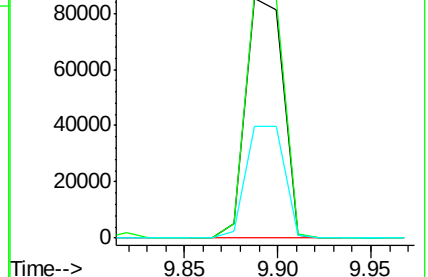
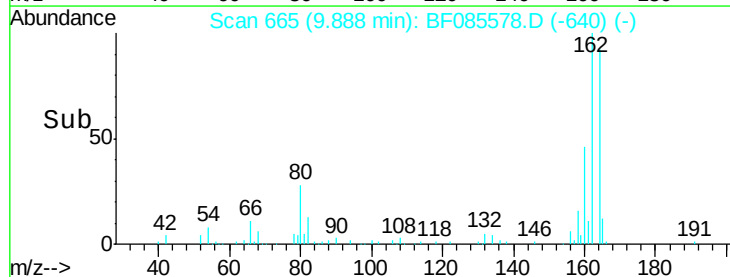
160 46.5 37.4 56.2

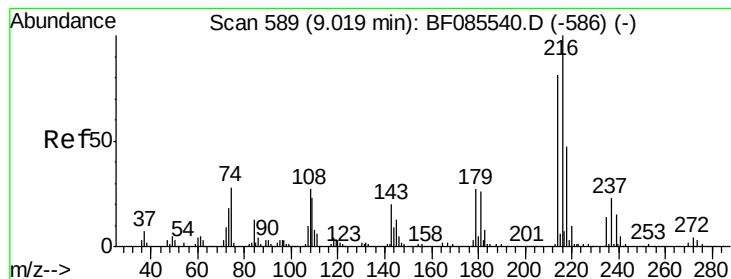


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 73.46 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:216 Resp: 263822

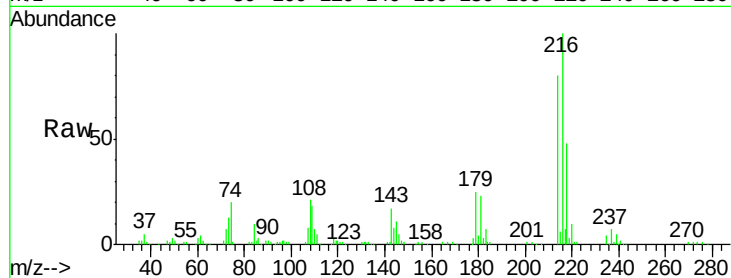
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 23.8 18.2 27.2

108 24.8 17.3 25.9

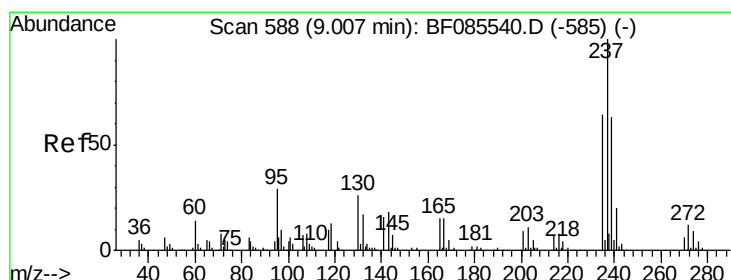
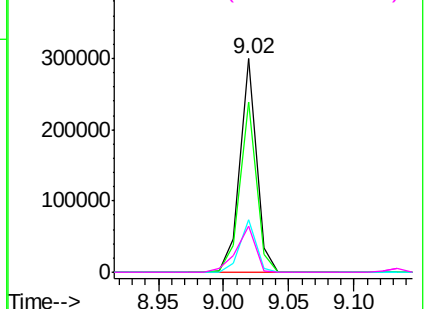
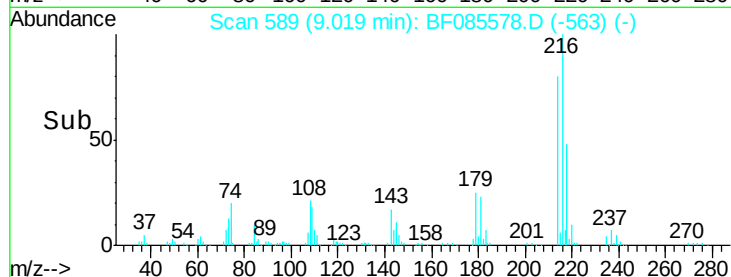


Abundance Ion 216.00 (215.70 to 216.70): E

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: 173.62 ng

RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

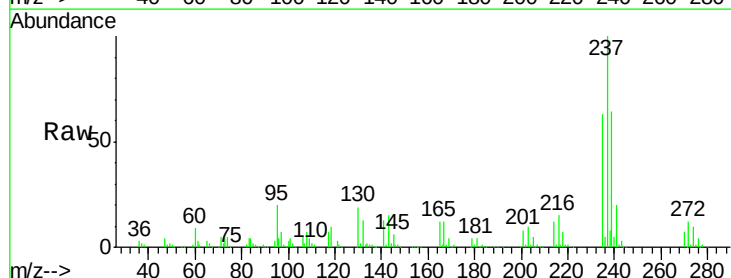
Tgt Ion:237 Resp: 281016

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

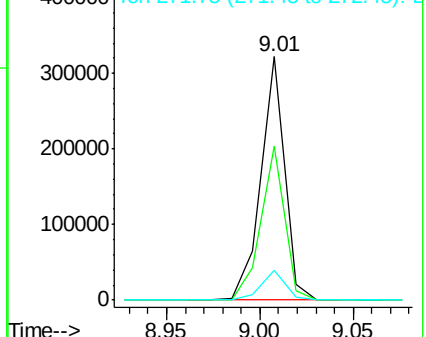
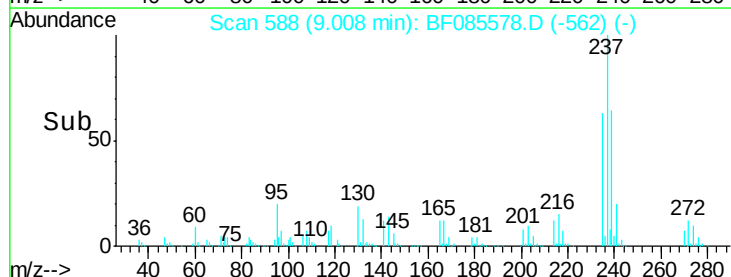
272 12.4 0.0 31.9

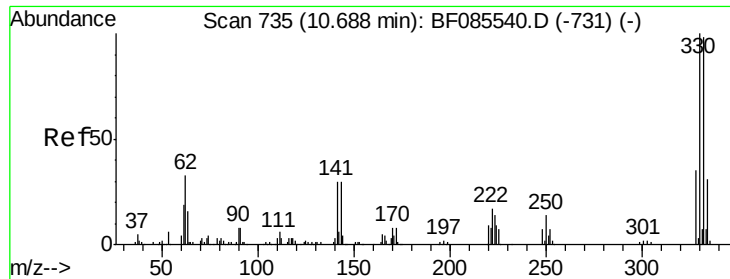


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

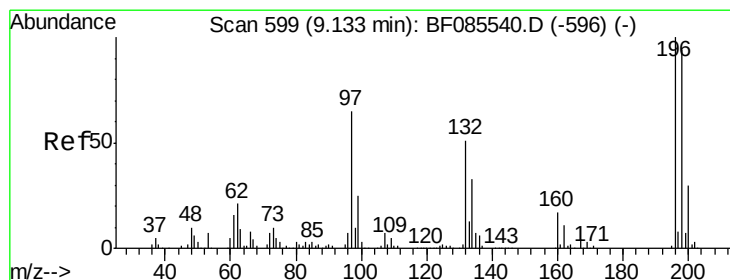
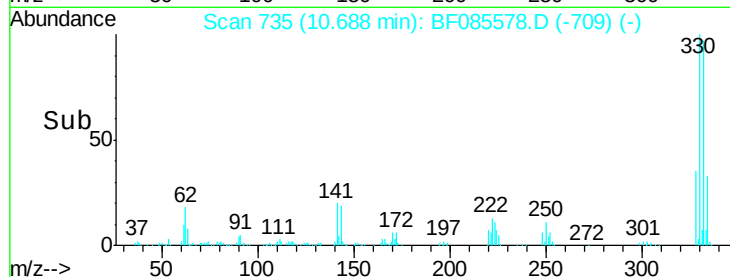
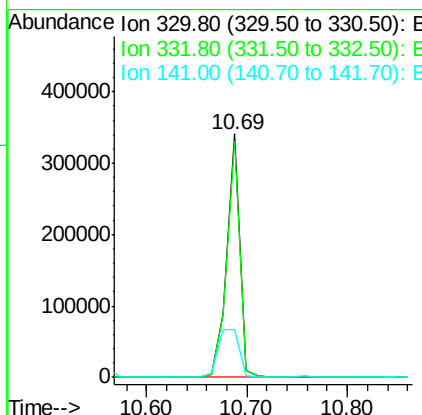
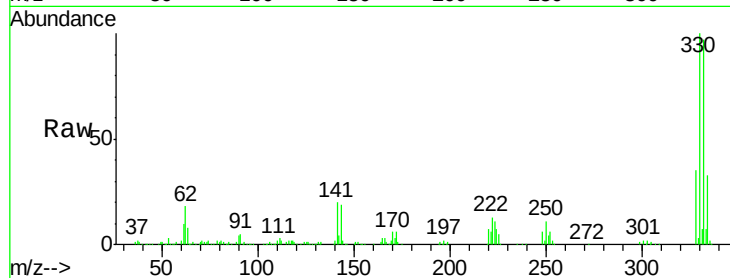




#41
 2,4,6-Tribromophenol
 Concen: 266.20 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

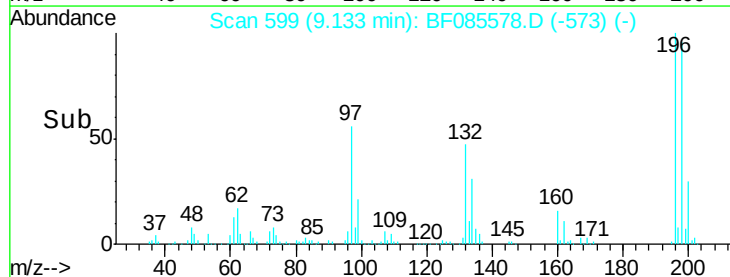
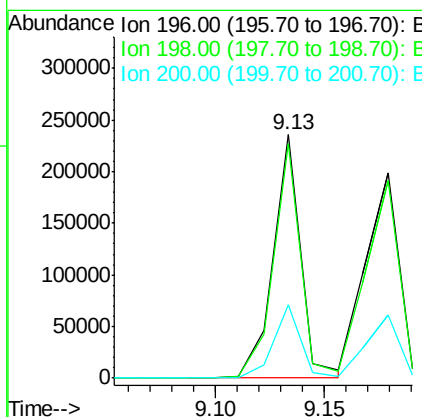
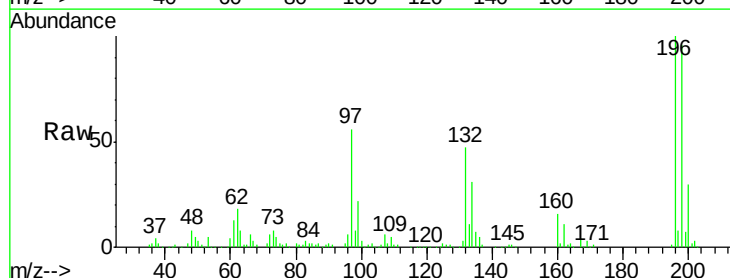
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

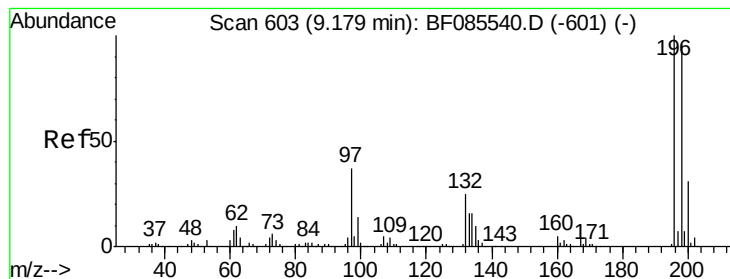
Tgt Ion:330 Resp: 308707
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 32.0 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 85.25 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:196 Resp: 209564
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.3 112.9
 200 30.3 23.7 35.5

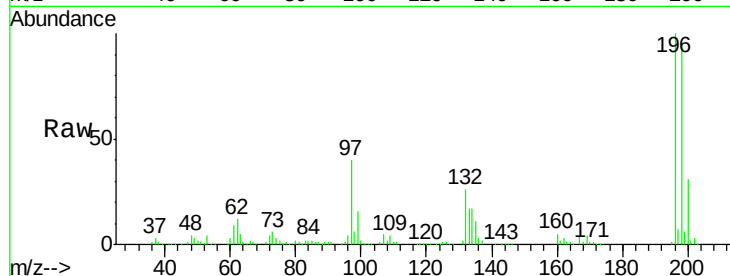




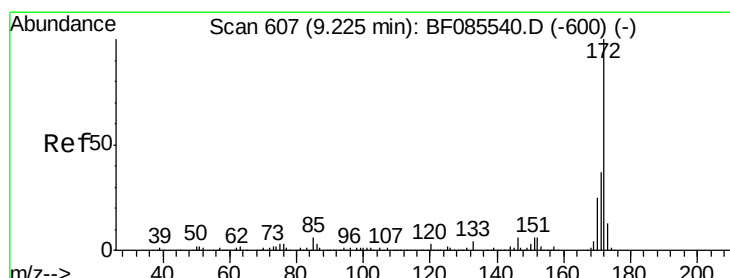
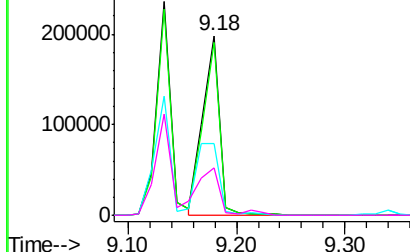
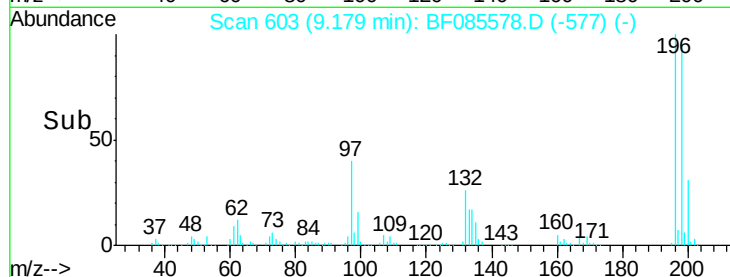
#43
 2,4,5-Trichlorophenol
 Concen: 86.44 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion:196 Resp: 216245
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 114.8
 97 39.8 30.5 45.7
 132 26.4 20.2 30.2

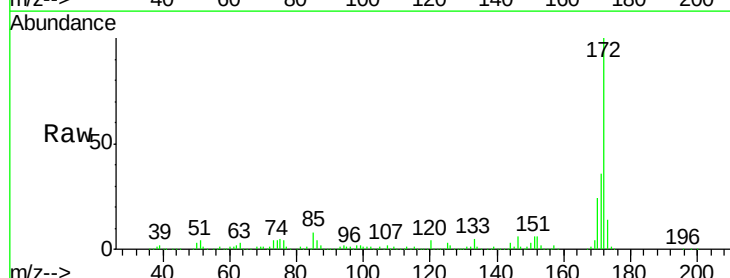


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

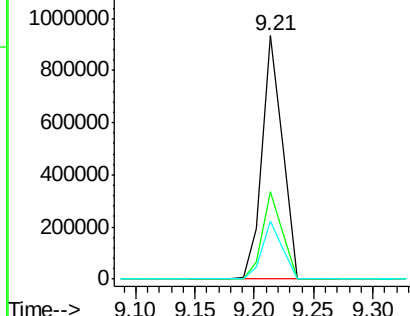
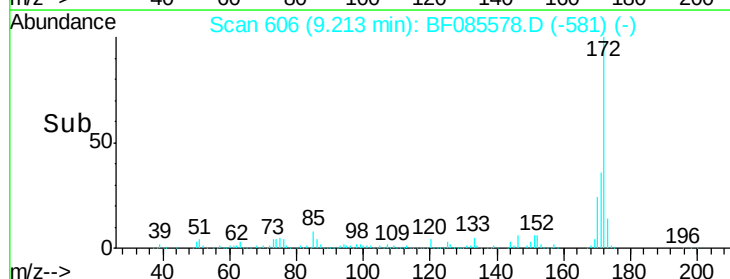


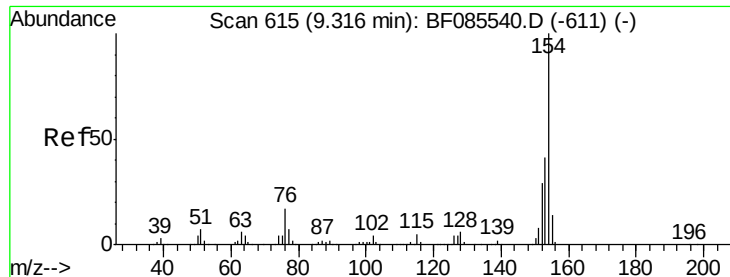
#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:172 Resp: 1127100
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.1 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

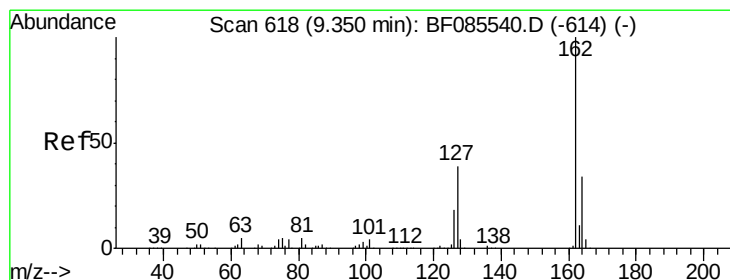
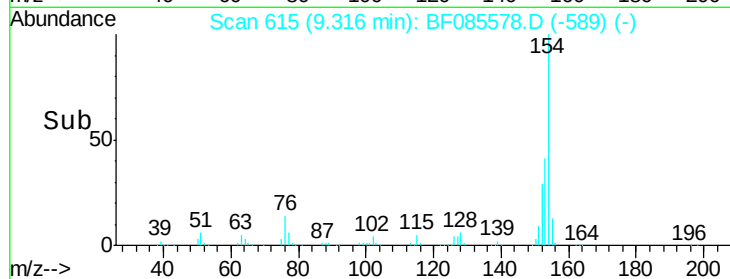
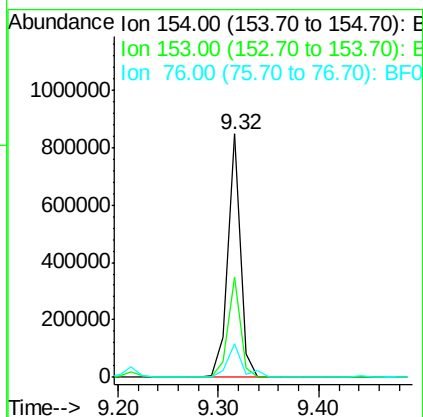
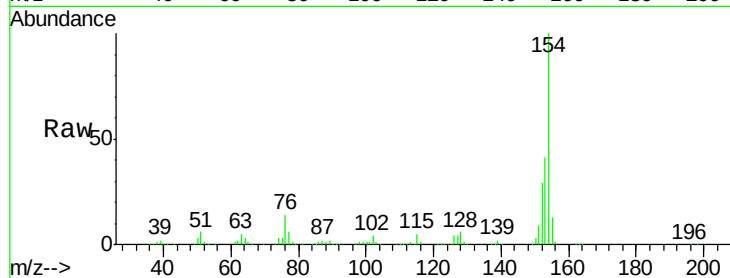




#45
 1,1'-Biphenyl
 Concen: 72.53 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

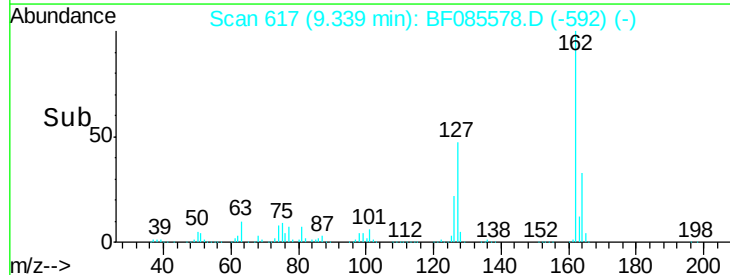
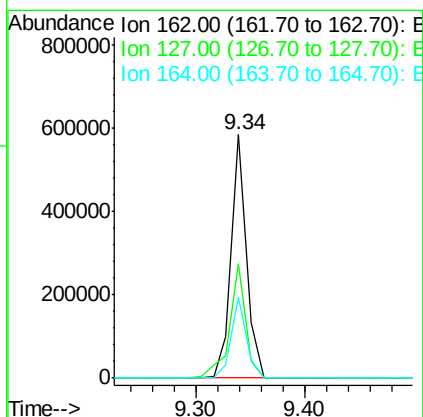
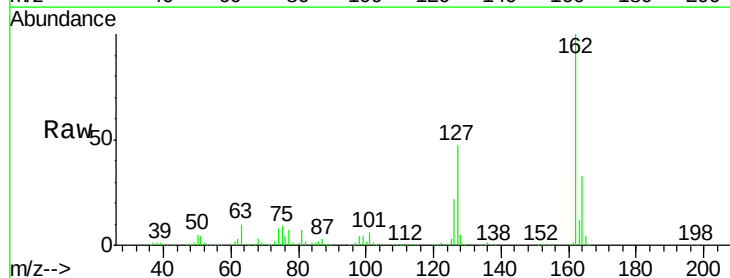
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

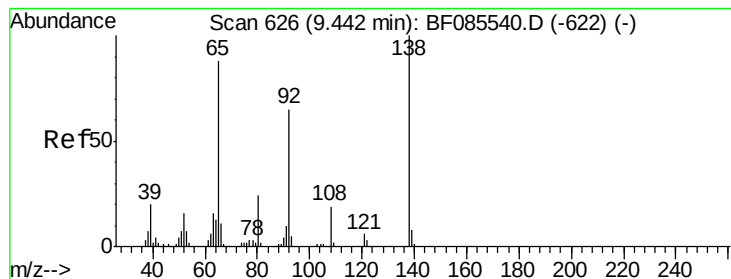
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	13.9	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 75.73 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.9	31.7	47.5
164	33.1	27.3	40.9





#47

2-Nitroaniline

Concen: 86.37 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

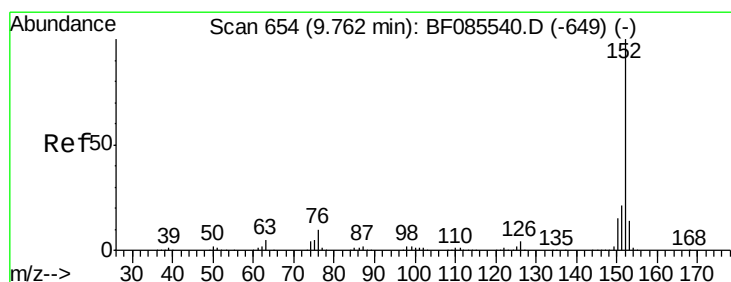
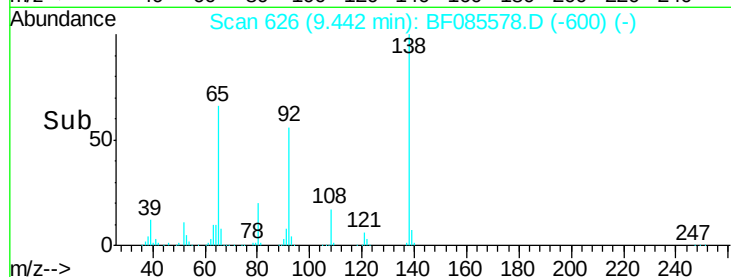
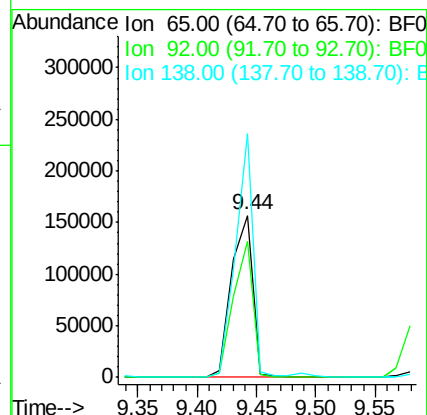
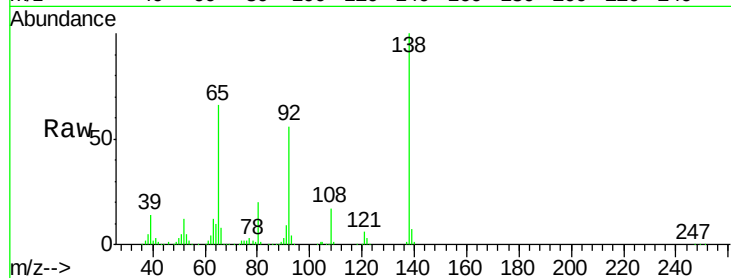
Tgt Ion: 65 Resp: 194913

Ion Ratio Lower Upper

65 100

92 84.0 59.7 89.5

138 150.5 91.4 137.0#



#48

Acenaphthylene

Concen: 80.63 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

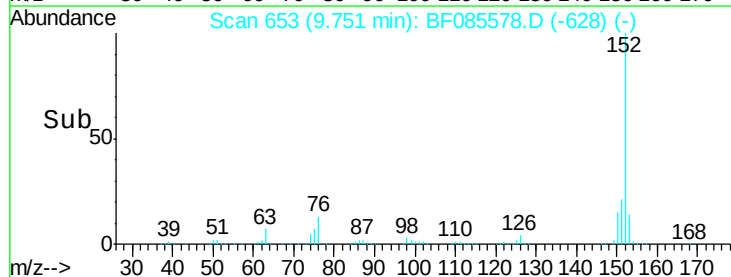
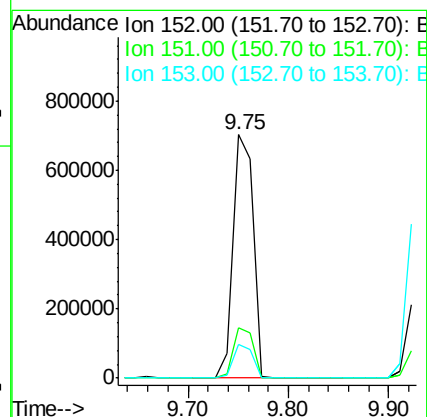
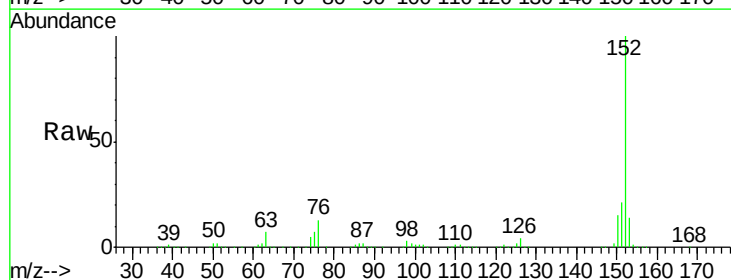
Tgt Ion: 152 Resp: 973419

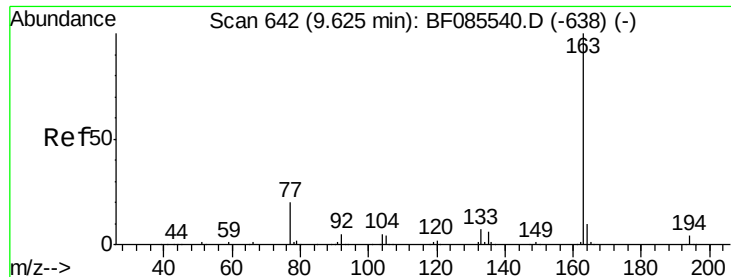
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.8 10.9 16.3

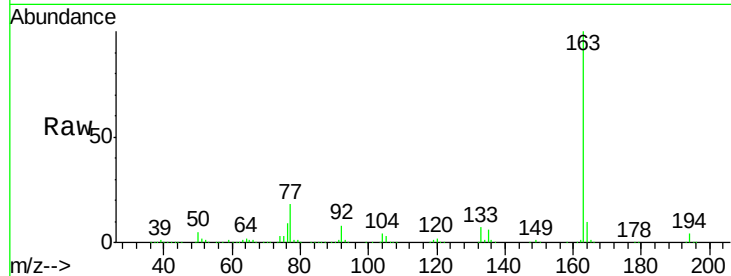




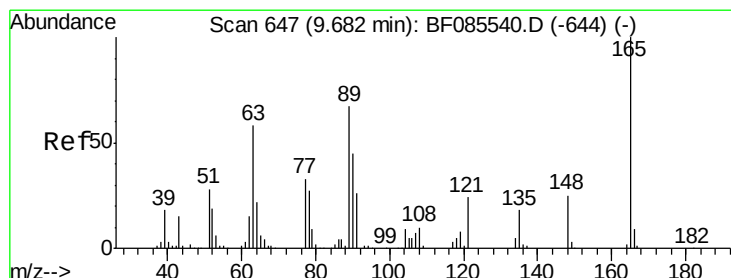
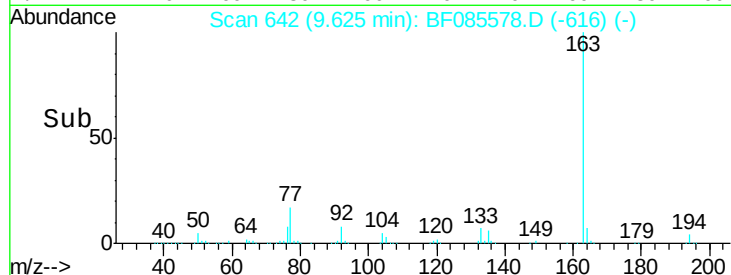
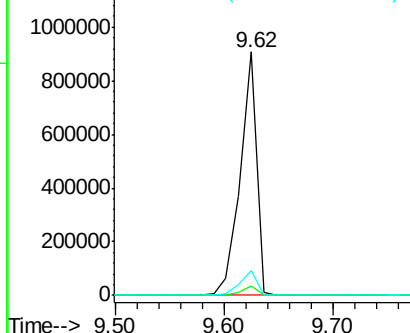
#49
Dimethylphthalate
Concen: 104.51 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:163 Resp: 933684
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.2 8.3 12.5

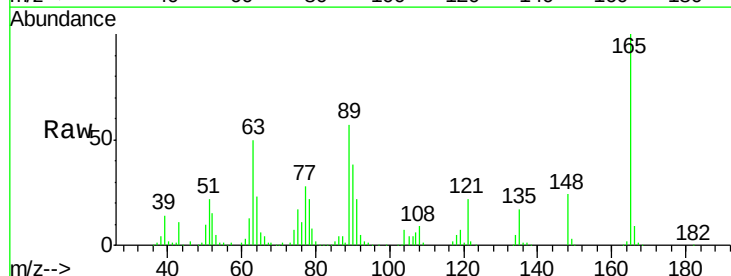


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

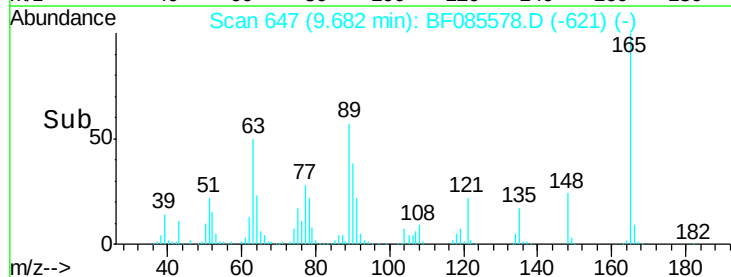
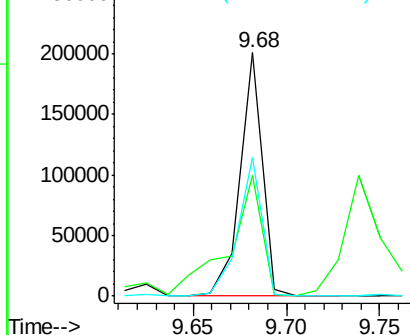


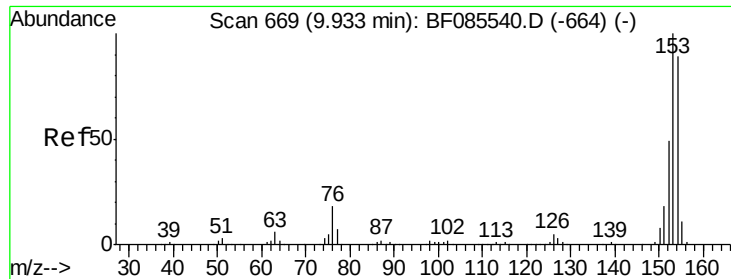
#50
2,6-Dinitrotoluene
Concen: 88.58 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:165 Resp: 167060
Ion Ratio Lower Upper
165 100
63 49.7 51.8 77.8#
89 56.7 53.7 80.5



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: 87.22 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

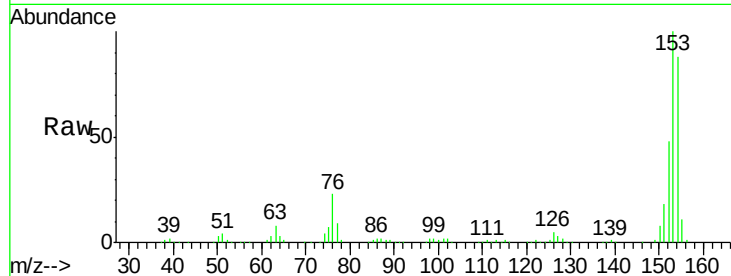
Tgt Ion:154 Resp: 660837

Ion Ratio Lower Upper

154 100

153 113.7 90.1 135.1

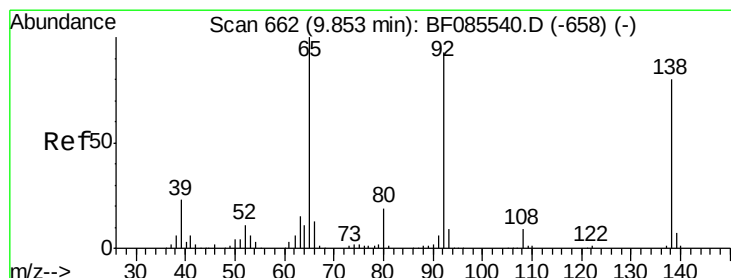
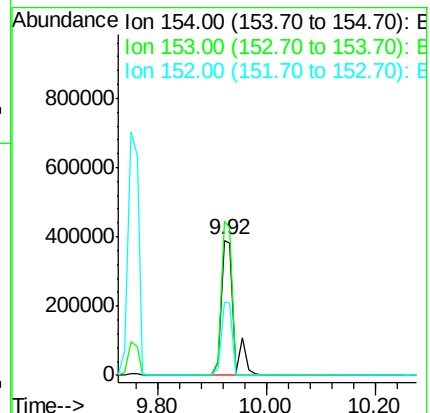
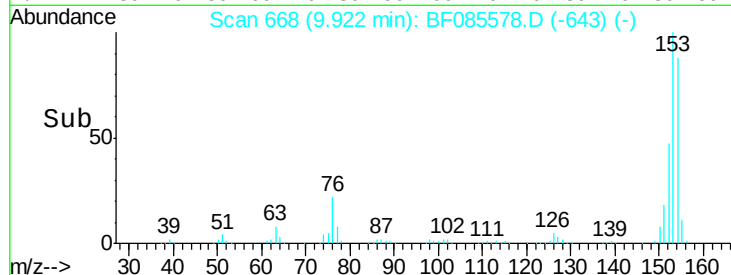
152 54.1 44.2 66.2



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: 55.70 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

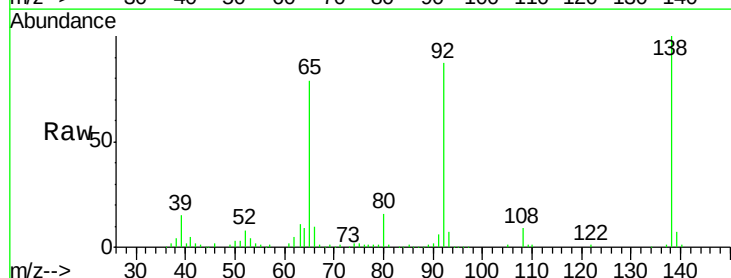
Tgt Ion:138 Resp: 131574

Ion Ratio Lower Upper

138 100

108 8.8 8.7 13.1

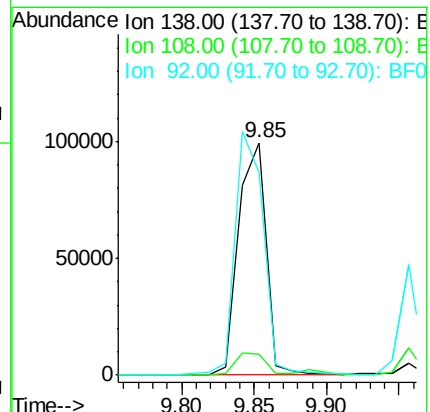
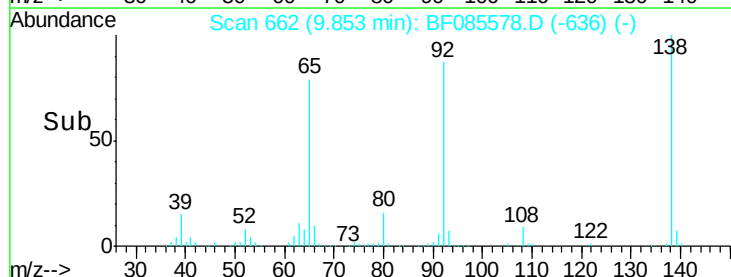
92 87.3 93.3 139.9#

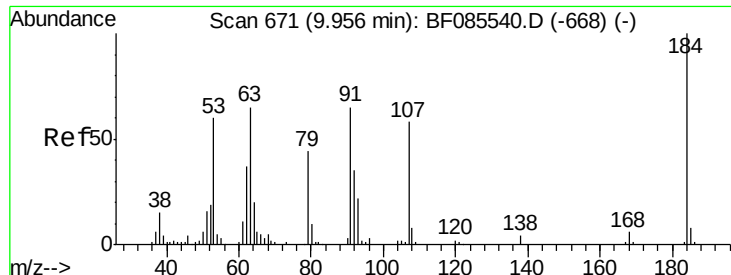


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

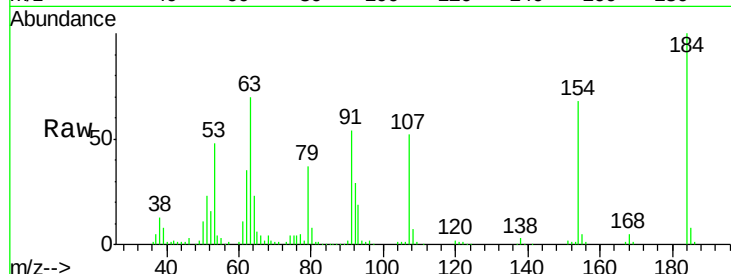




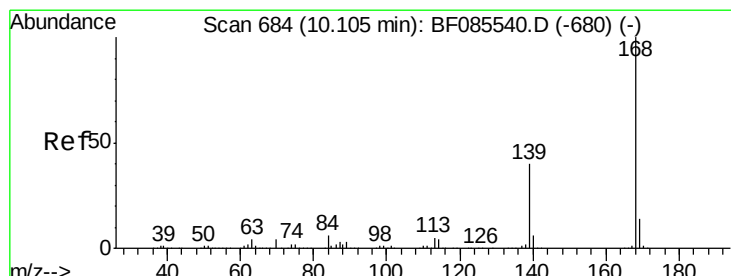
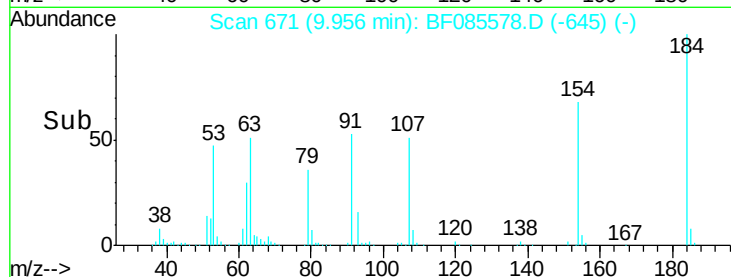
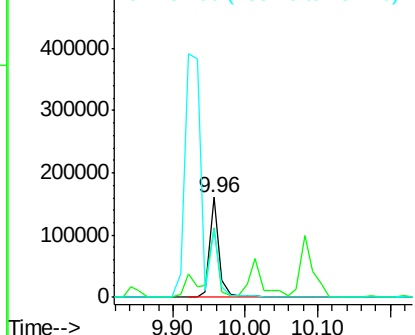
#53
2,4-Dinitrophenol
Concen: 128.85 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:184 Resp: 148868
Ion Ratio Lower Upper
184 100
63 69.8 69.5 104.3
154 67.8 58.3 87.5

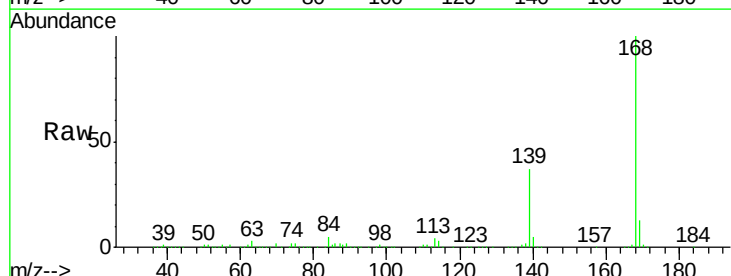


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

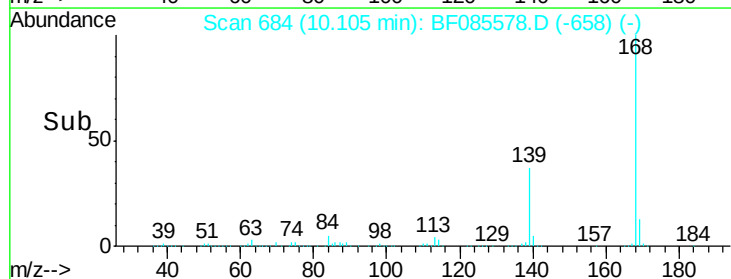
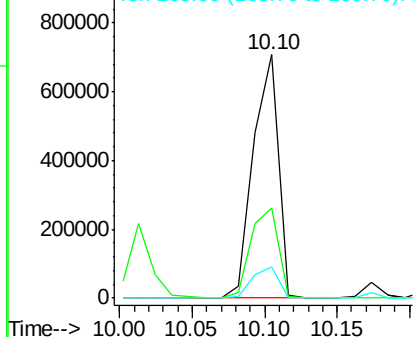


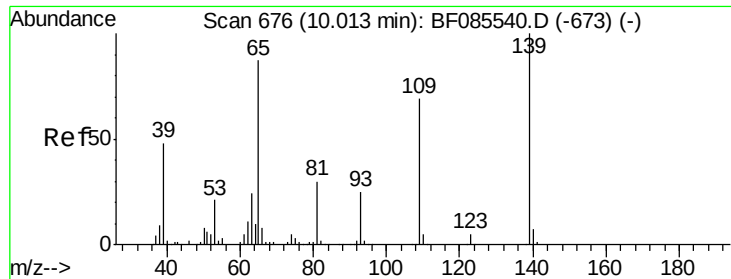
#54
Dibenzofuran
Concen: 91.94 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:168 Resp: 848214
Ion Ratio Lower Upper
168 100
139 36.8 31.9 47.9
169 12.8 11.0 16.6



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

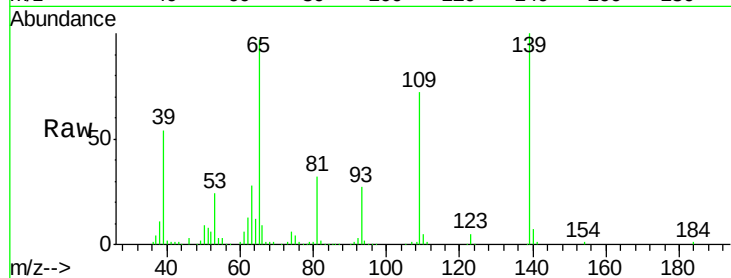




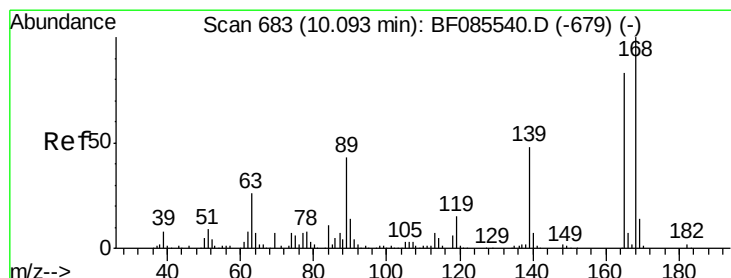
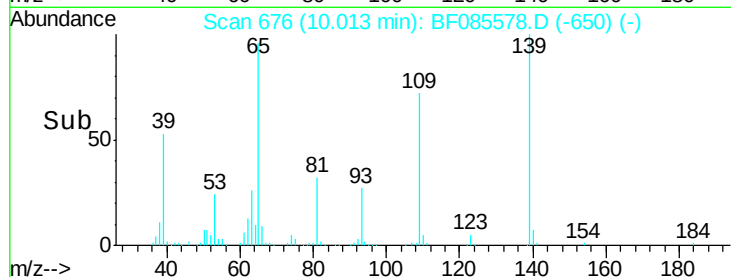
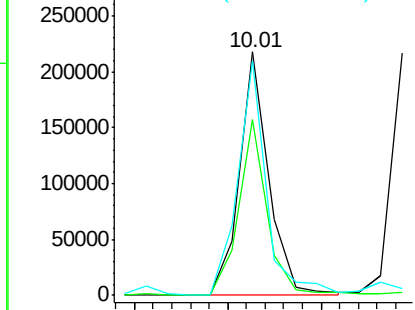
#55
4-Nitrophenol
Concen: 131.15 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion:139 Resp: 239424
Ion Ratio Lower Upper
139 100
109 72.2 49.2 89.2
65 96.6 66.9 106.9

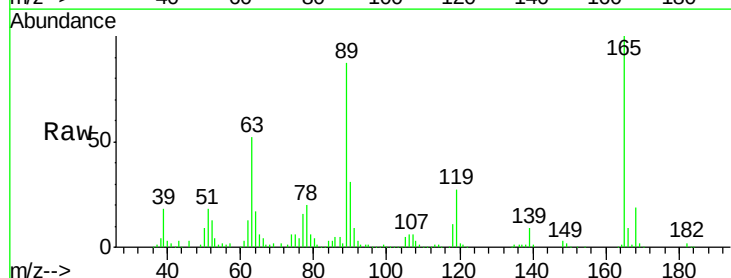


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

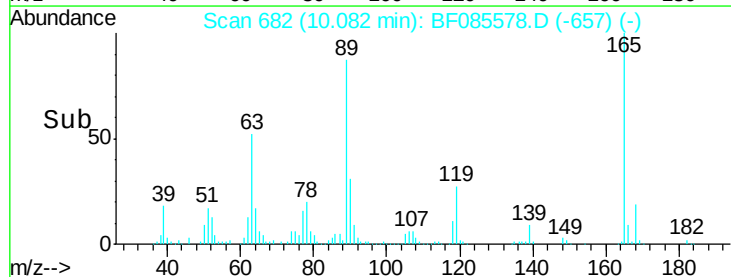
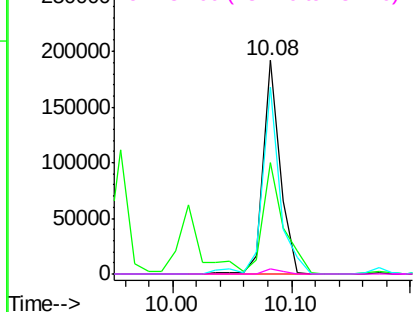


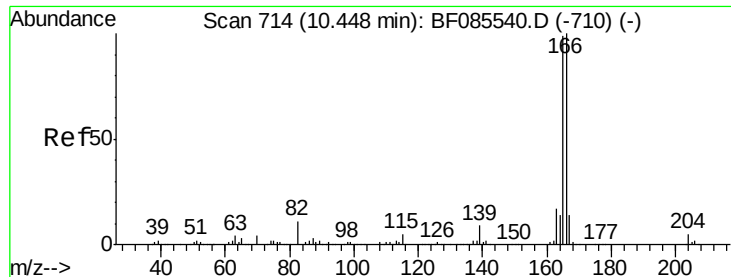
#56
2,4-Dinitrotoluene
Concen: 77.30 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion:165 Resp: 190874
Ion Ratio Lower Upper
165 100
63 52.2 24.9 37.3#
89 87.3 41.0 61.6#
182 2.3 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 78.67 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

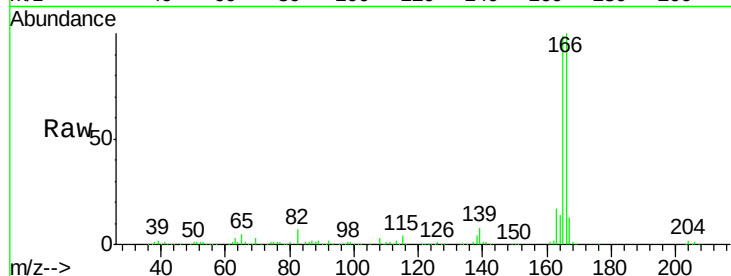
Tgt Ion:166 Resp: 604907

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.0

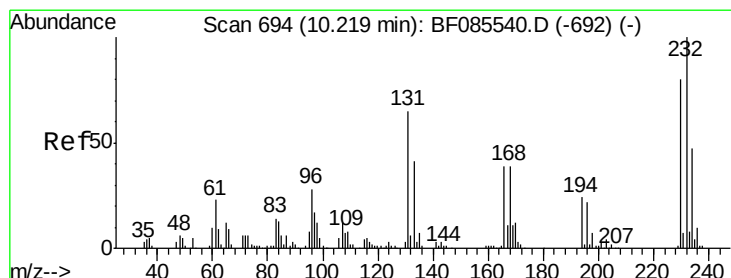
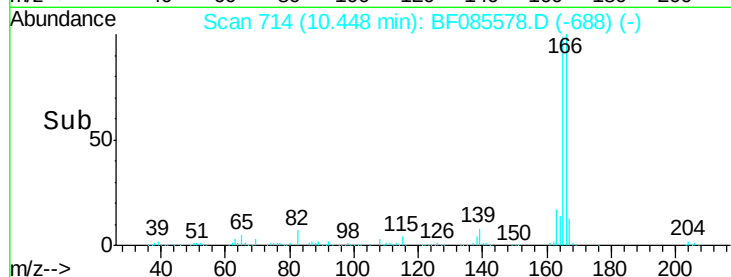
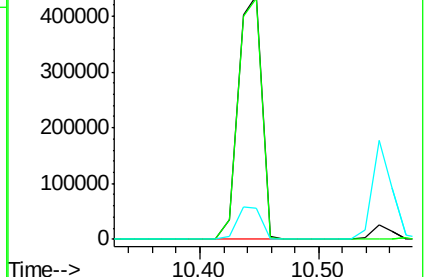
167 12.7 11.0 16.4



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: 93.18 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion:232 Resp: 167844

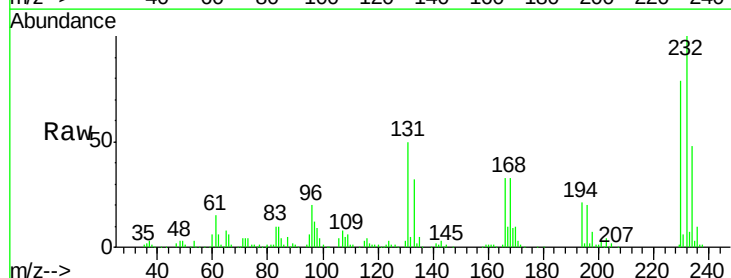
Ion Ratio Lower Upper

232 100

131 54.0 44.9 67.3

130 2.7 2.3 3.5

166 33.9 28.1 42.1

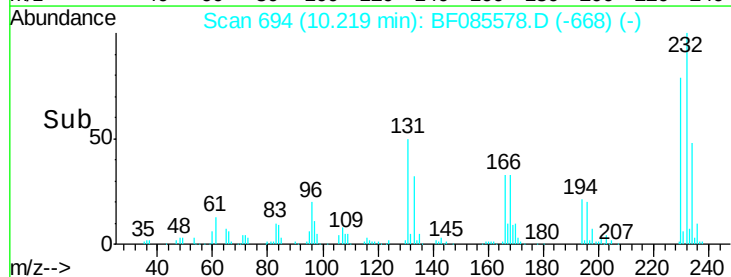
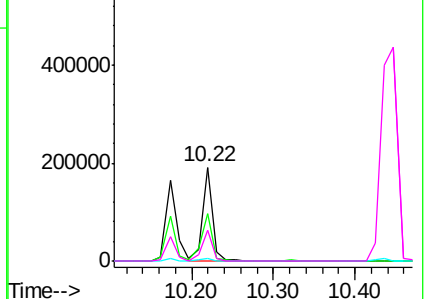


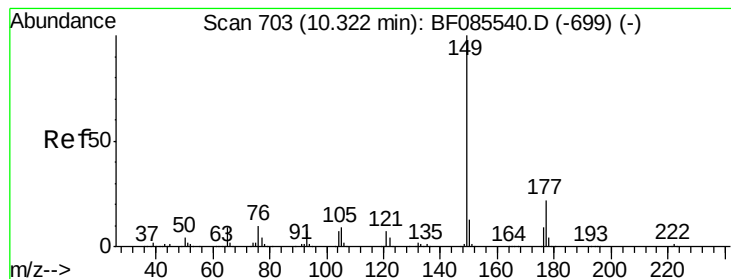
Abundance Ion 232.00 (231.70 to 232.70): E

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: 82.01 ng

RT: 10.32 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

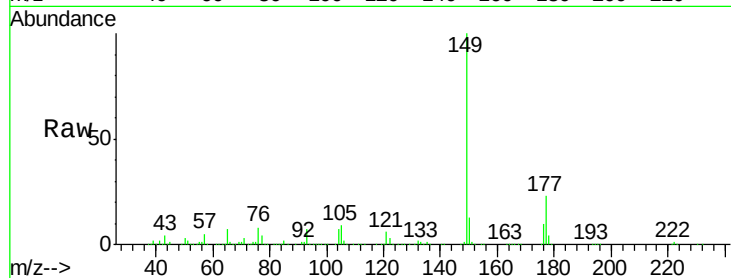
Tgt Ion:149 Resp: 728399

Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

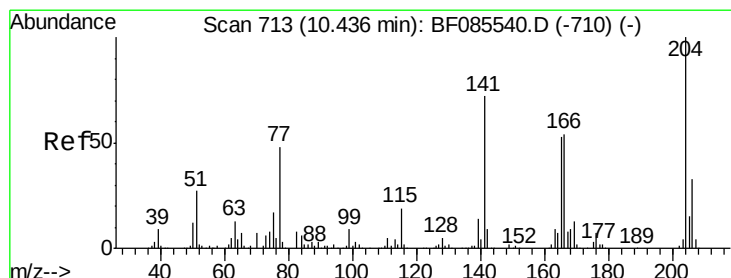
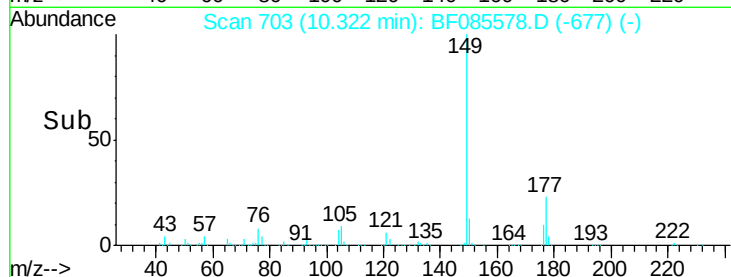
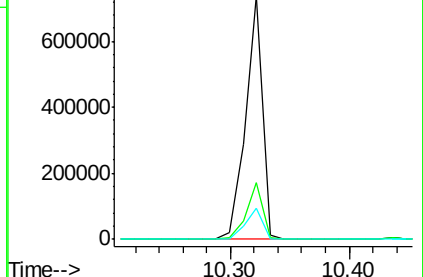
150 12.7 10.2 15.2



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: 82.73 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

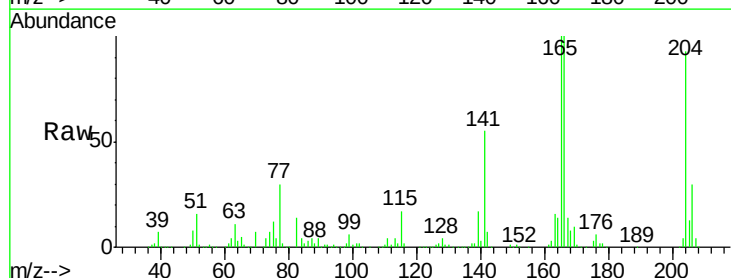
Tgt Ion:204 Resp: 310634

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

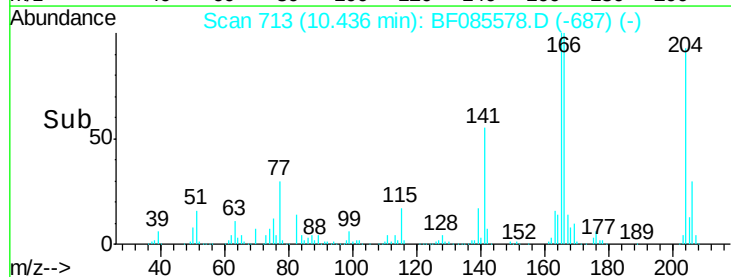
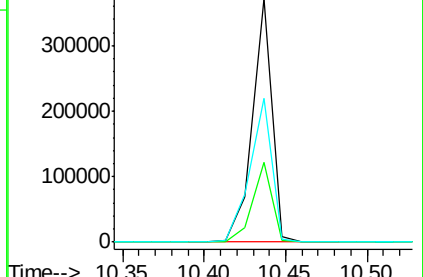
141 59.2 57.4 86.0

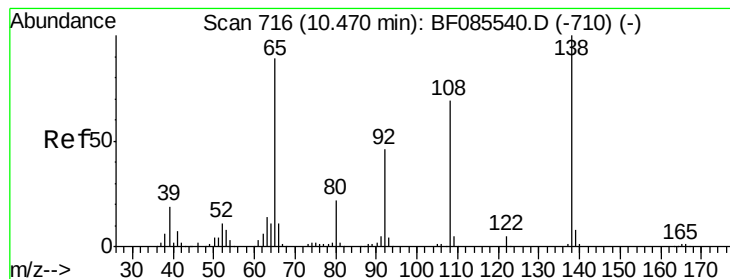


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 78.20 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

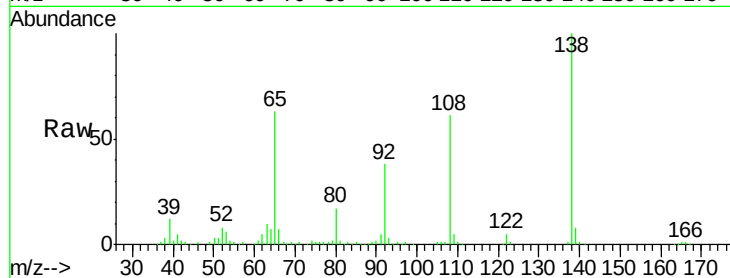
Tgt Ion:138 Resp: 182073

Ion Ratio Lower Upper

138 100

92 37.7 26.4 66.4

108 61.1 49.0 89.0

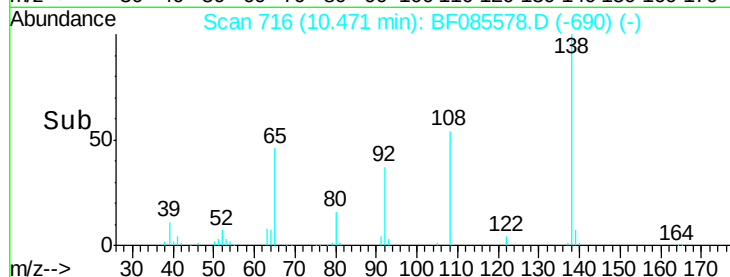


Abundance Ion 138.00 (137.70 to 138.70): E

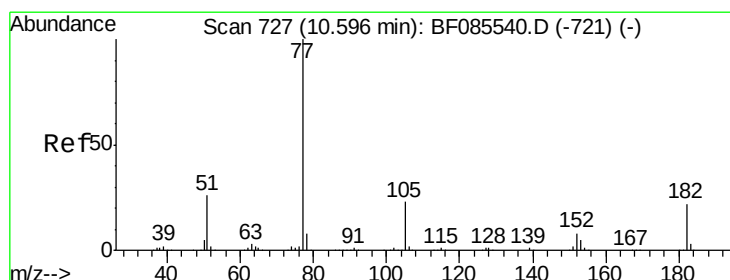
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 90.11 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Tgt Ion: 77 Resp: 768039

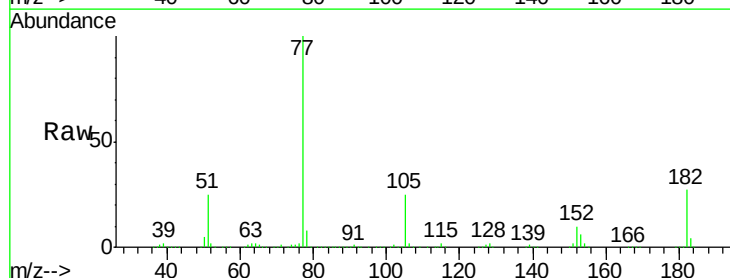
Ion Ratio Lower Upper

77 100

182 27.1 1.9 41.9

105 24.9 3.5 43.5

51 24.7 6.3 46.3



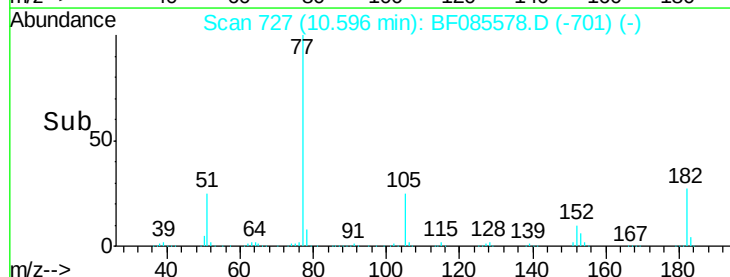
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

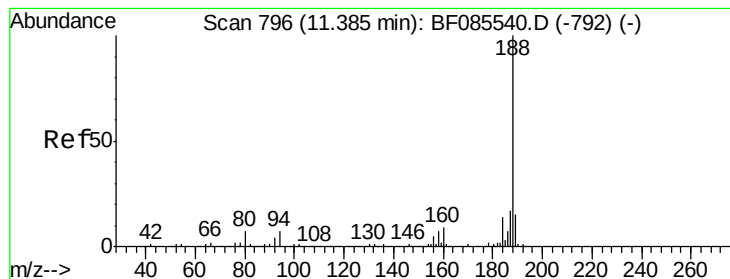
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

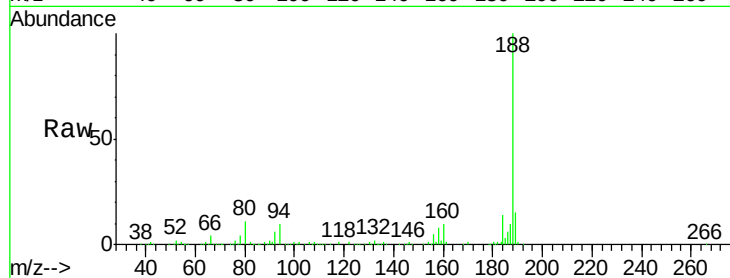
Tgt Ion:188 Resp: 233122

Ion Ratio Lower Upper

188 100

94 10.4 5.4 8.0#

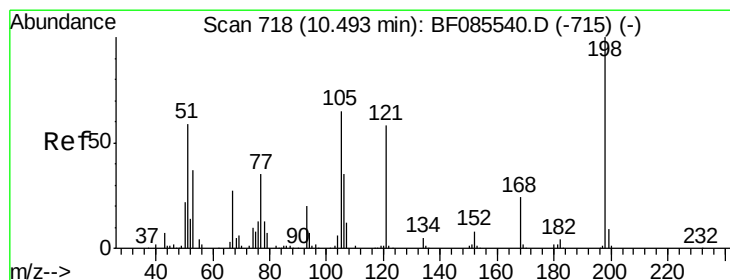
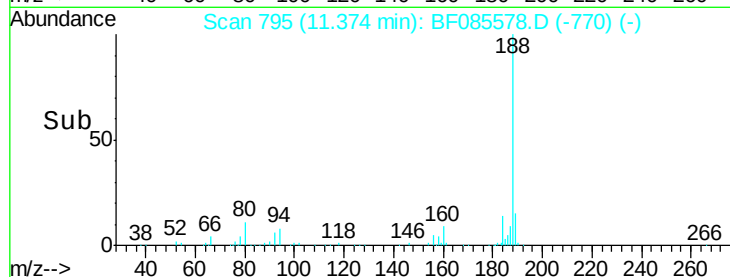
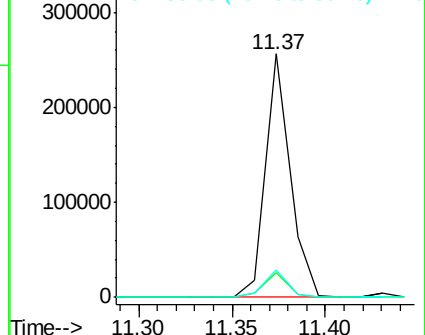
80 11.3 5.5 8.3#



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: 77.52 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

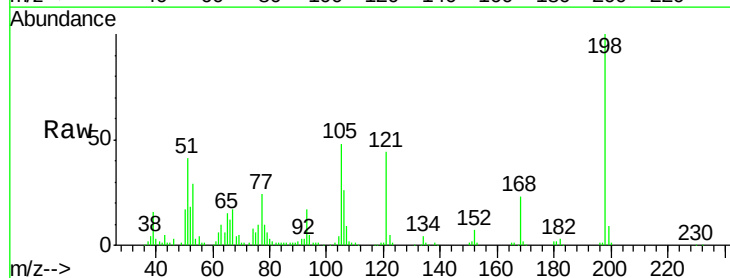
Tgt Ion:198 Resp: 115645

Ion Ratio Lower Upper

198 100

51 40.6 45.4 85.4#

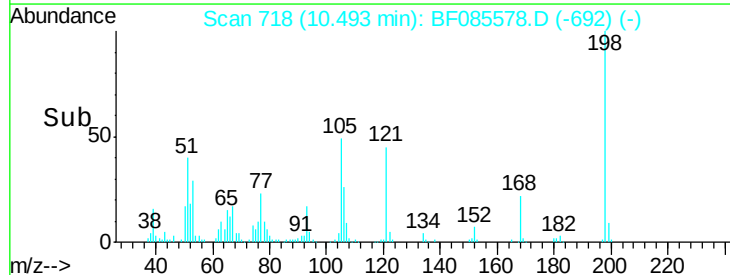
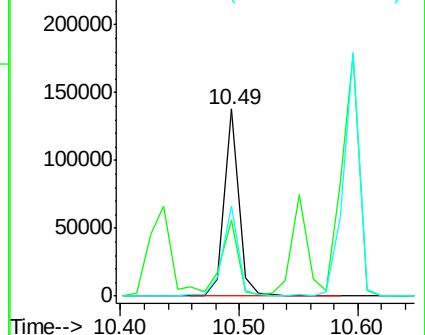
105 48.4 45.9 85.9

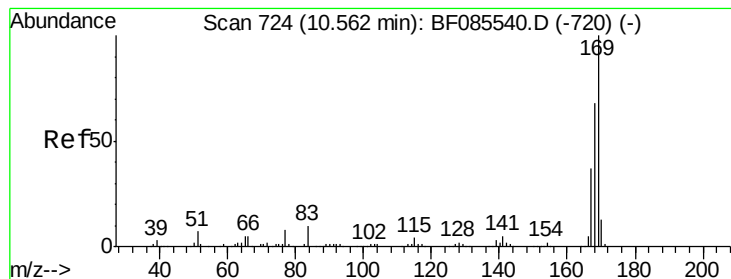


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 73.81 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

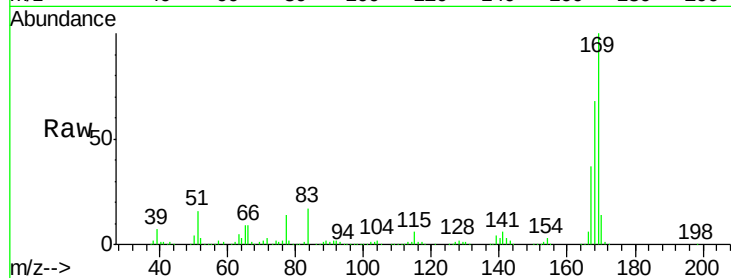
Tgt Ion:169 Resp: 535982

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

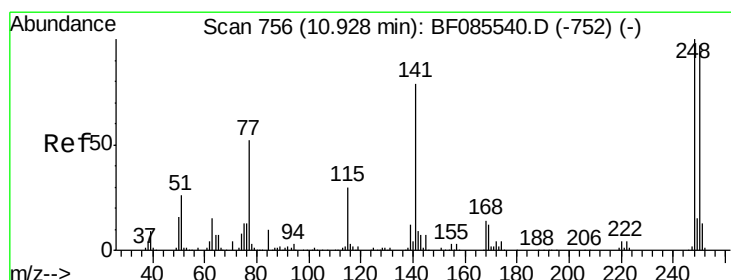
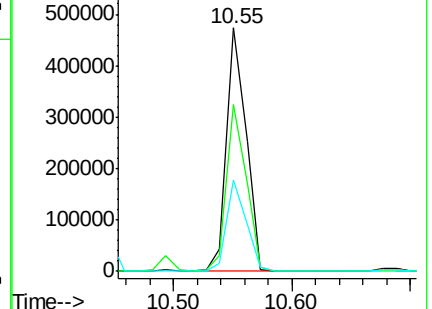
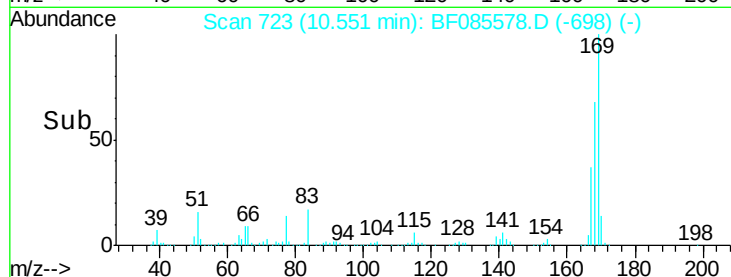
167 37.5 29.4 44.0



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: 80.15 ng

RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

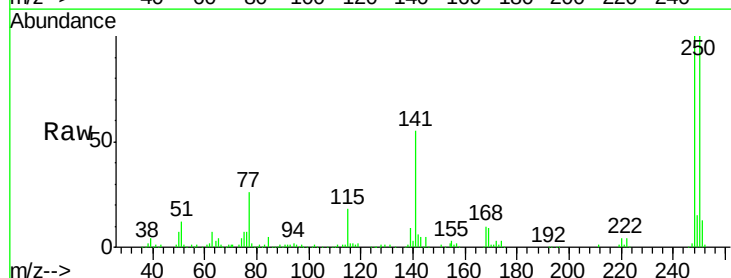
Tgt Ion:248 Resp: 186667

Ion Ratio Lower Upper

248 100

250 100.1 77.4 116.0

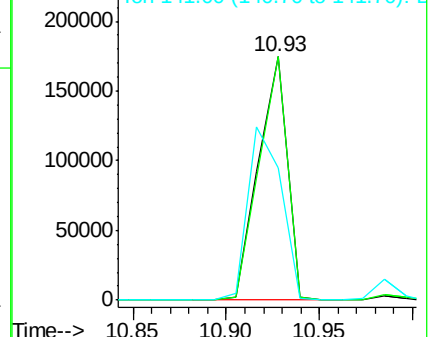
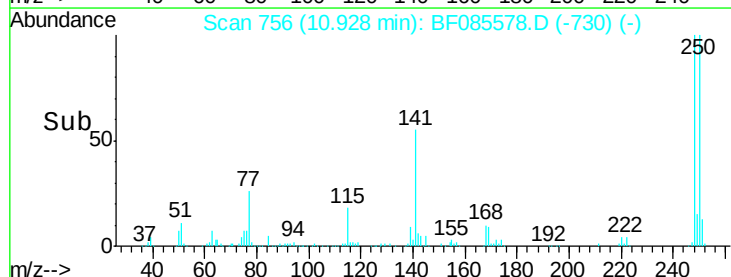
141 54.6 63.6 95.4#

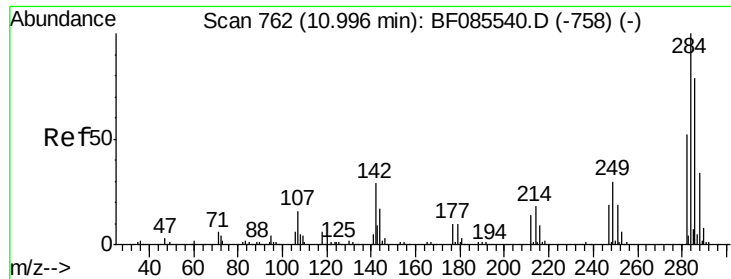


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

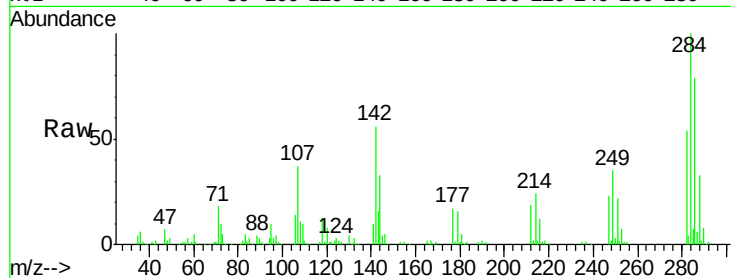




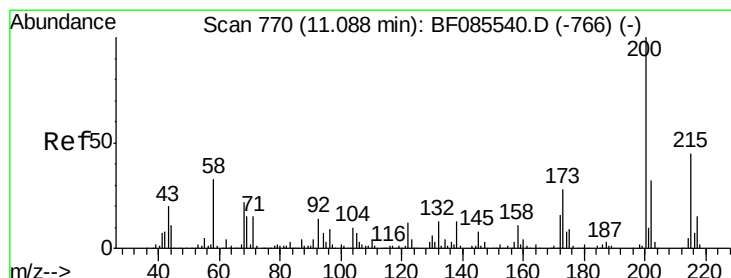
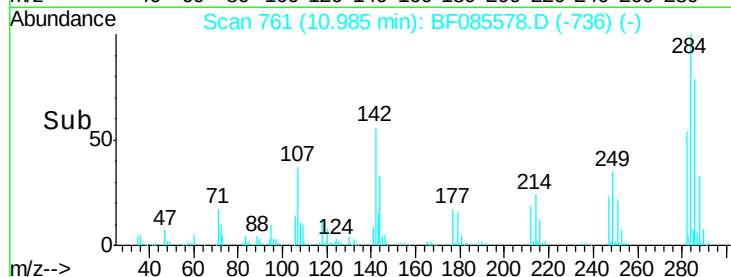
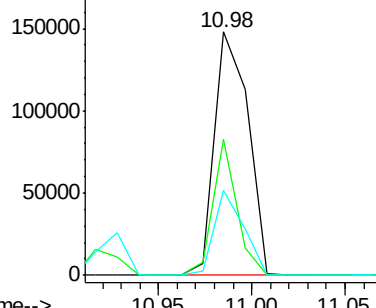
#67
Hexachlorobenzene
Concen: 74.42 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.9	23.1	34.7#
249	34.8	24.2	36.2

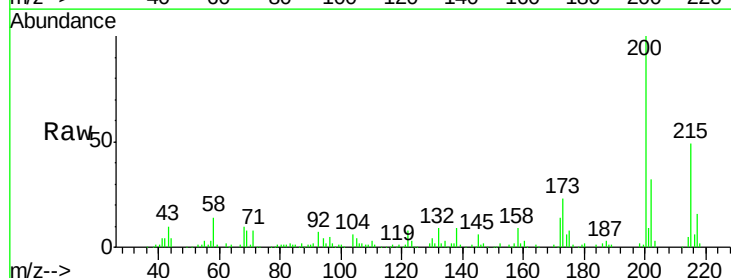


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

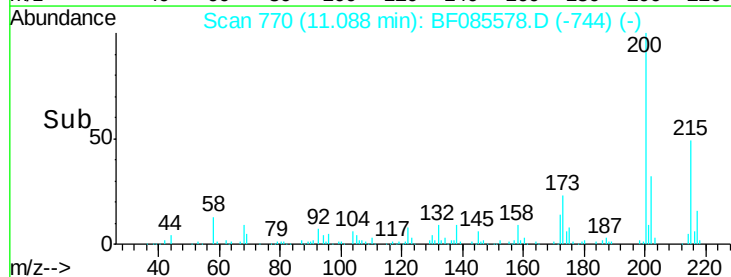
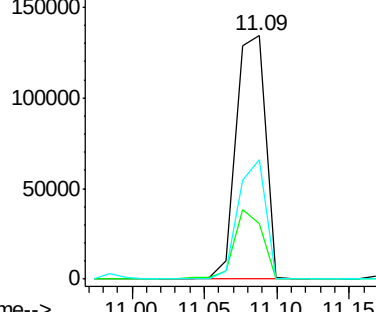


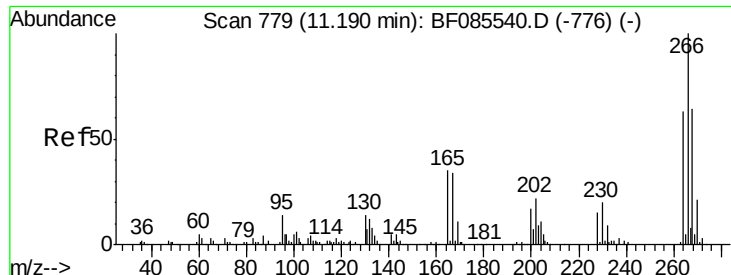
#68
Atrazine
Concen: 85.38 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF085578.D
Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	7.7	47.7
215	48.9	25.4	65.4



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

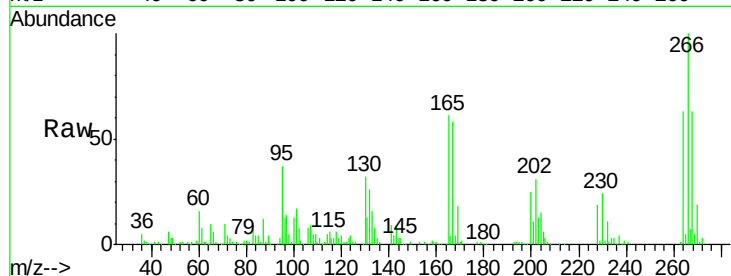




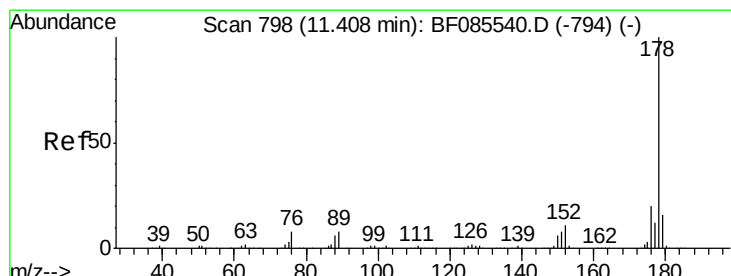
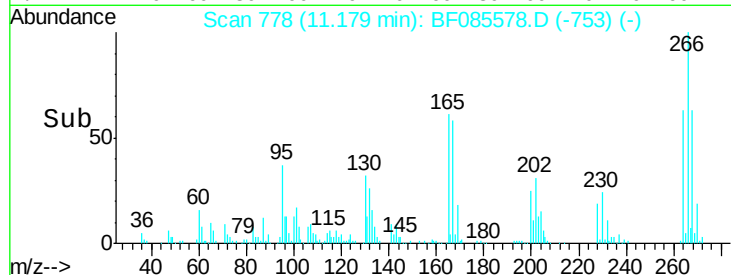
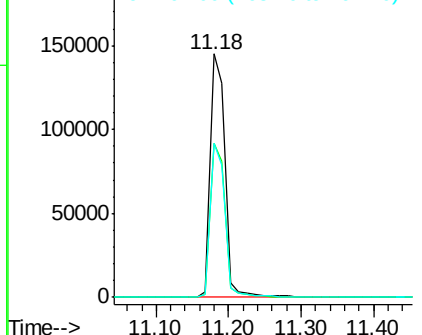
#69
 Pentachlorophenol
 Concen: 136.14 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	63.5	50.6	76.0

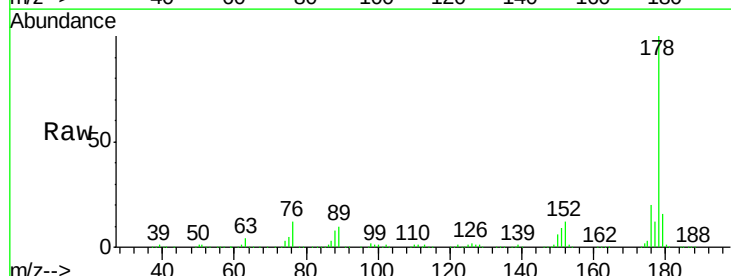


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

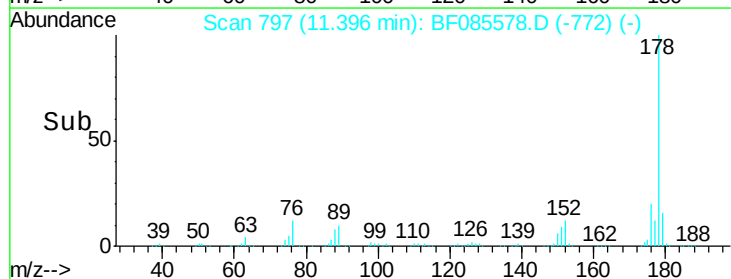
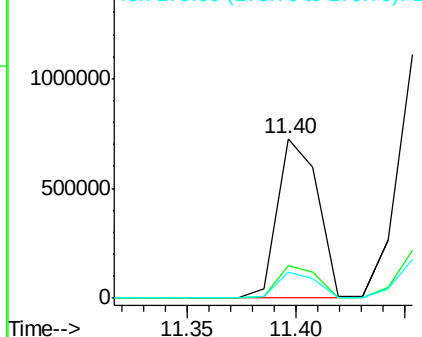


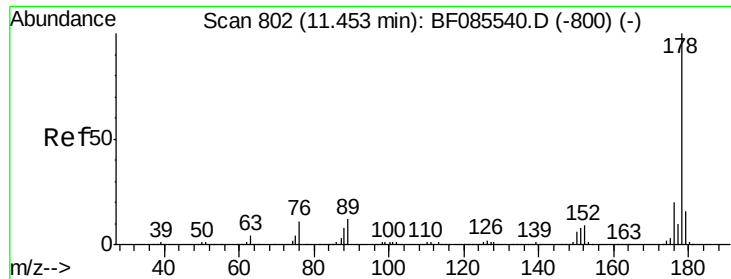
#70
 Phenanthrene
 Concen: 76.58 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	16.1	12.6	18.8



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

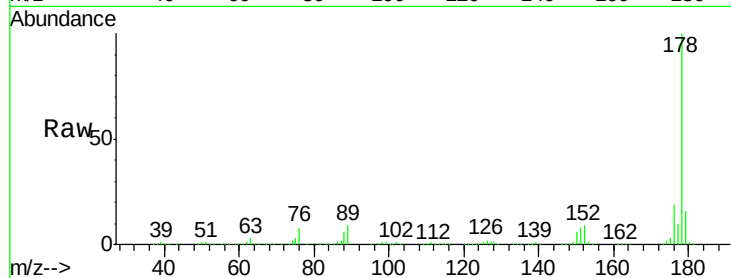




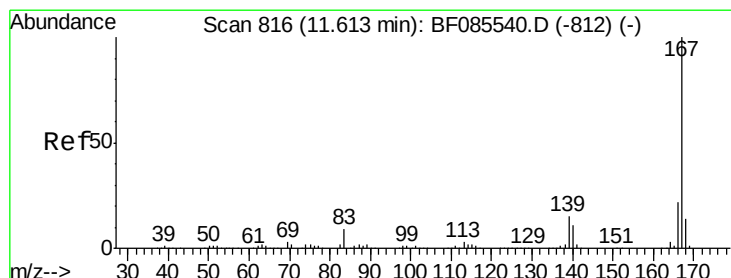
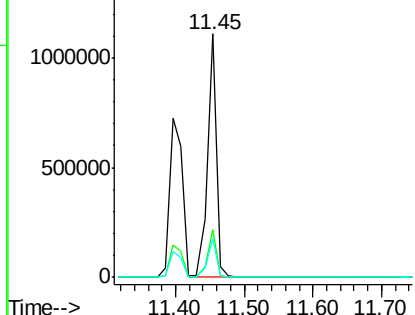
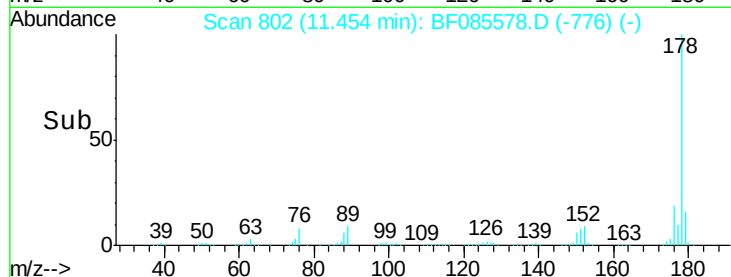
#71
 Anthracene
 Concen: 77.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion:178 Resp: 992454
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.8 13.0 19.4

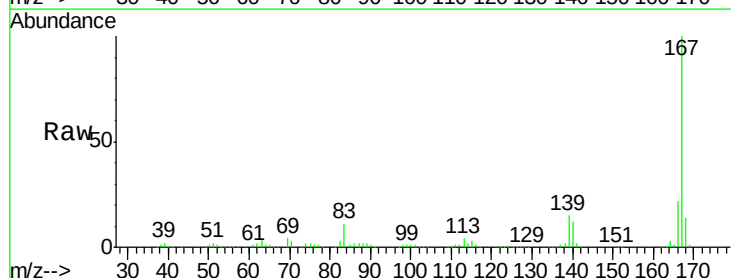


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

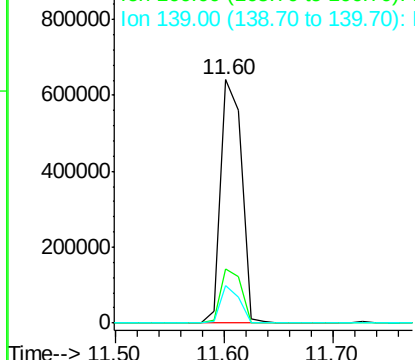
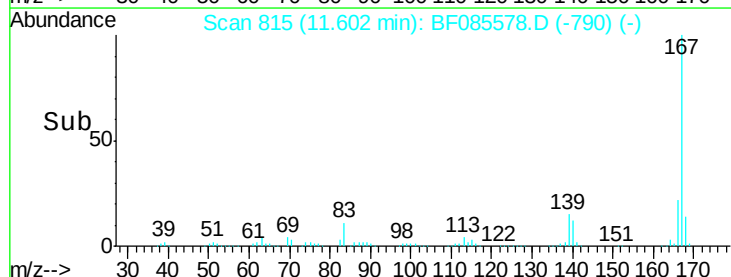


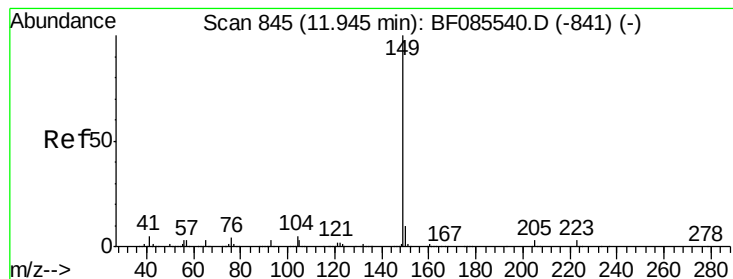
#72
 Carbazole
 Concen: 77.59 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:167 Resp: 862702
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 15.5 11.6 17.4



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: 77.97 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

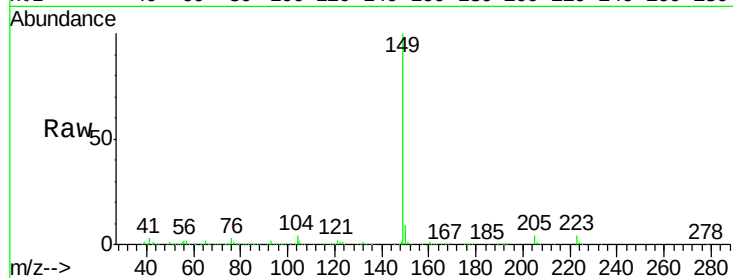
Tgt Ion:149 Resp: 1085569

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

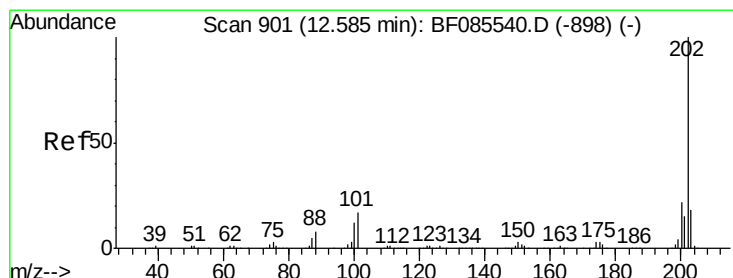
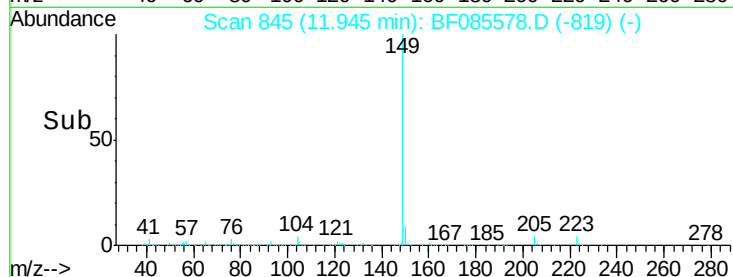
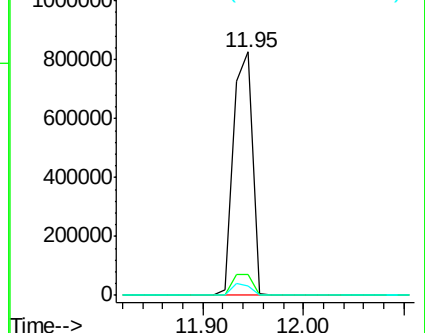
104 3.7 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 70.17 ng

RT: 12.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

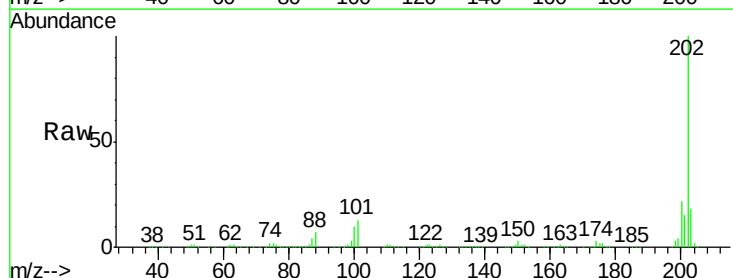
Tgt Ion:202 Resp: 903088

Ion Ratio Lower Upper

202 100

101 13.2 0.0 36.6

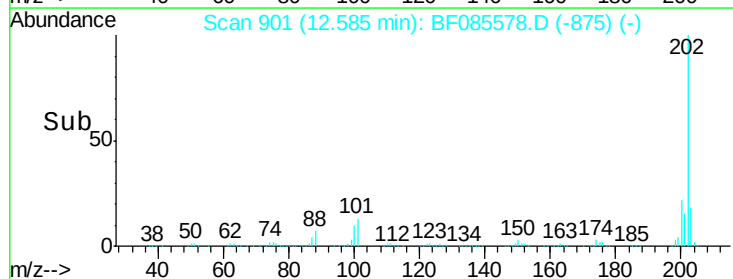
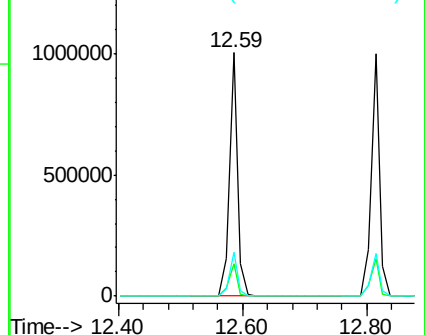
203 18.1 0.0 38.1

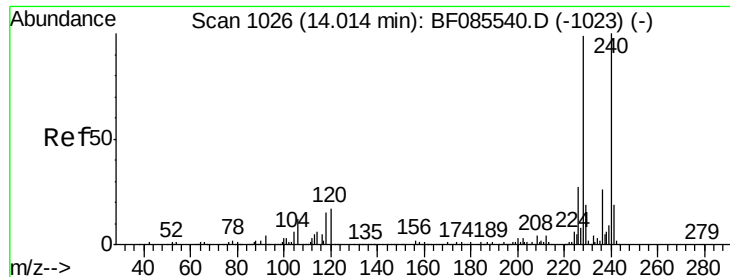


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

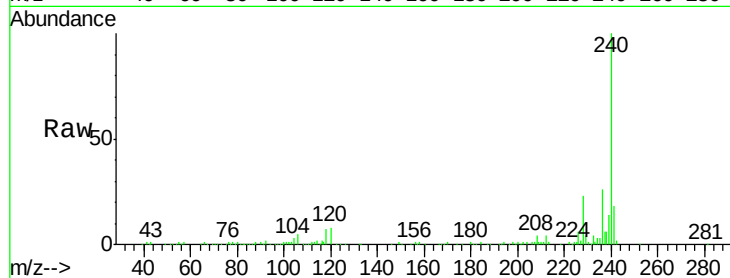
Tgt Ion:240 Resp: 158020

Ion Ratio Lower Upper

240 100

120 7.8 13.8 20.8#

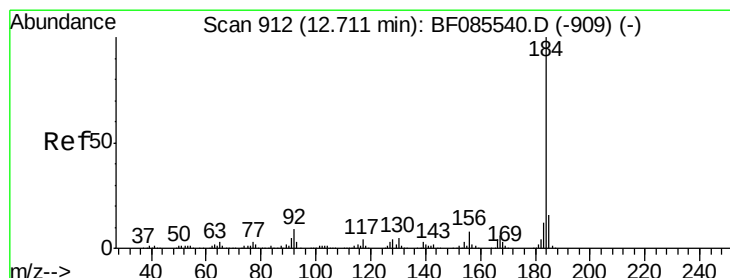
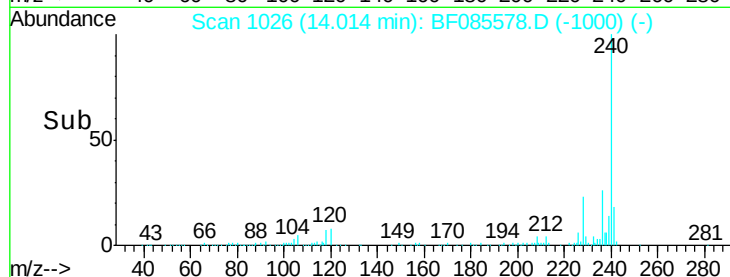
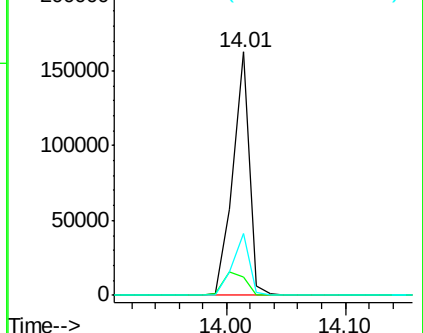
236 25.6 20.6 30.8



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: 43.41 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

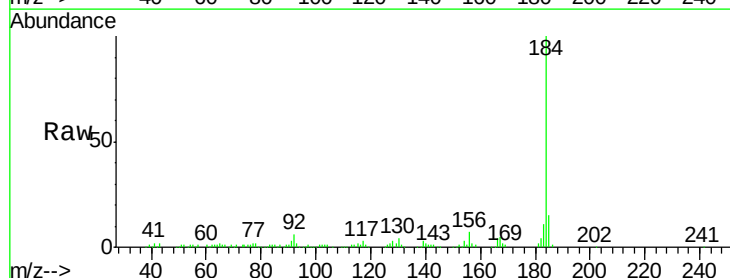
Tgt Ion:184 Resp: 230691

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

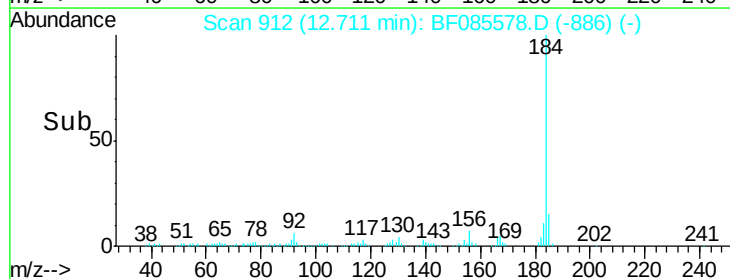
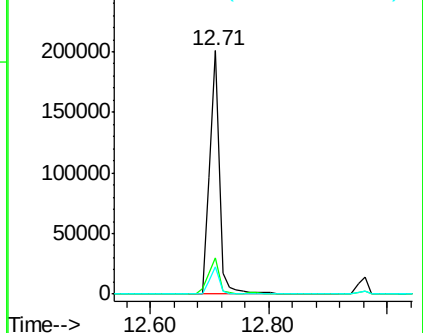
183 11.1 9.4 14.2

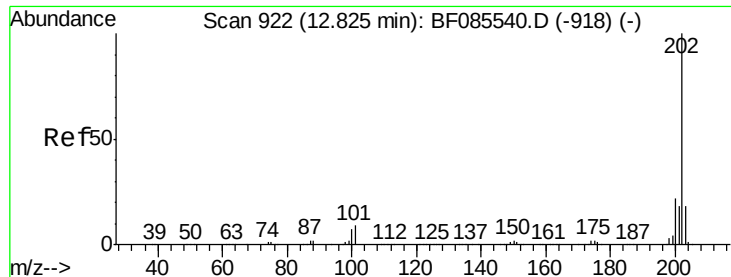


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

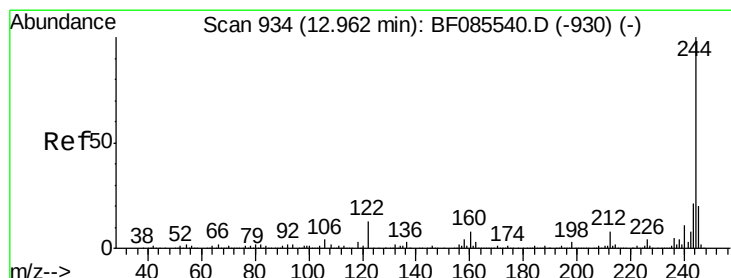
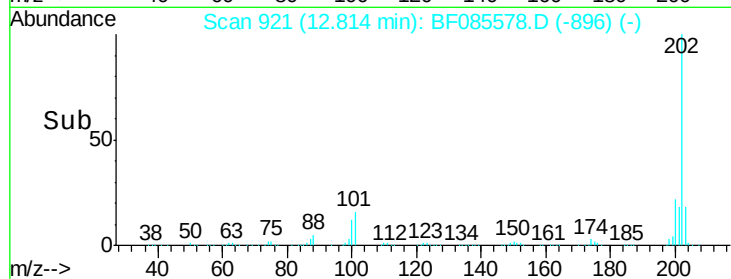
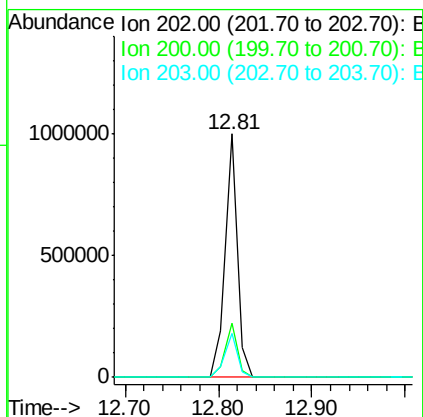
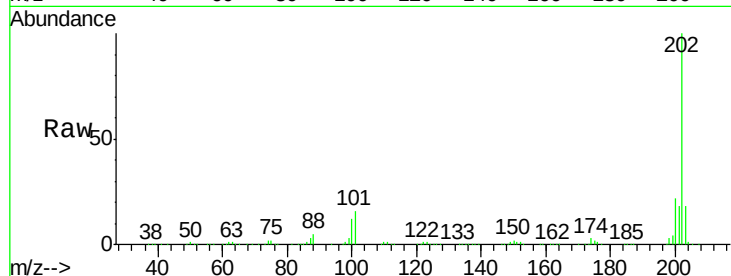




#77
 Pyrene
 Concen: 80.50 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

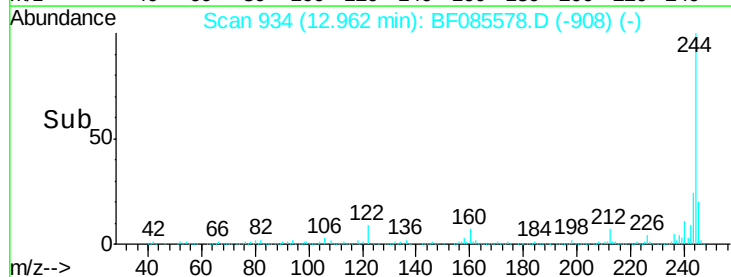
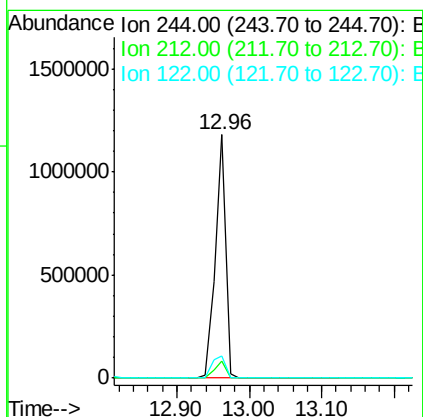
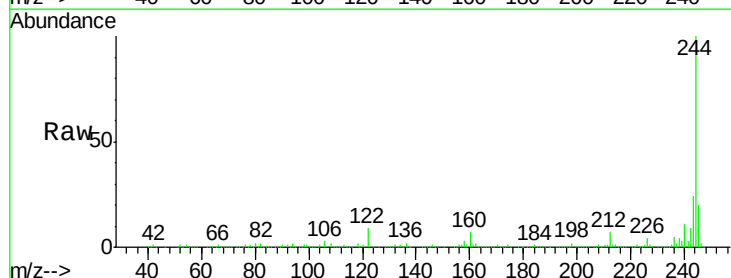
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

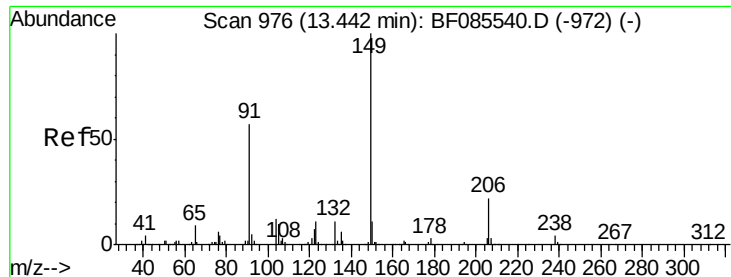
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.8	14.0	21.0



#78
 Terphenyl-d14
 Concen: 176.51 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	9.3	10.2	15.4#





#79

Butylbenzylphthalate

Concen: 79.50 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

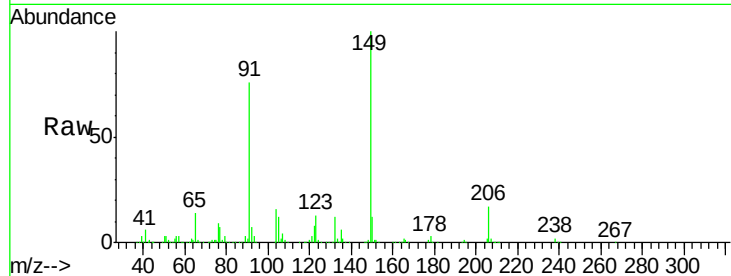
Tgt Ion:149 Resp: 429972

Ion Ratio Lower Upper

149 100

91 76.3 45.8 68.8#

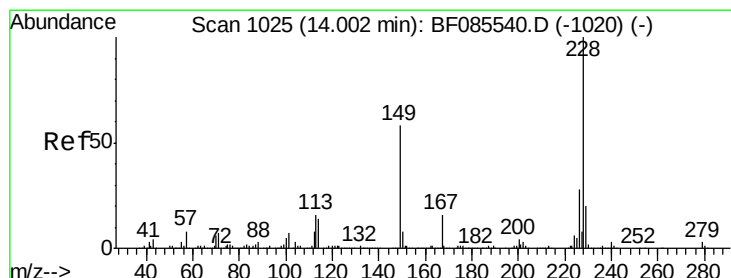
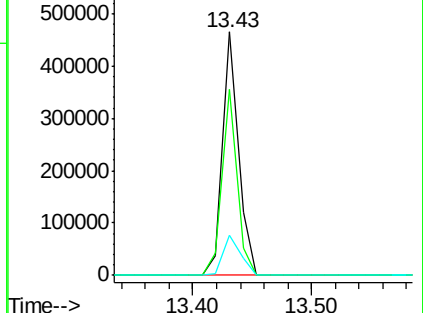
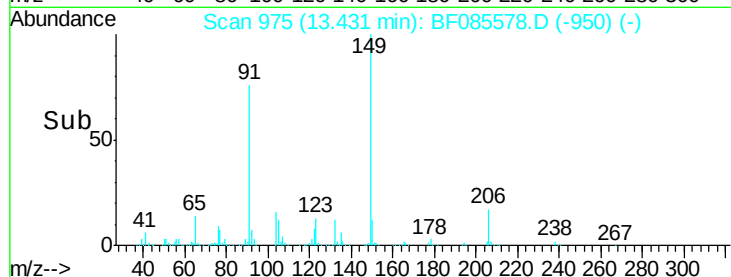
206 16.5 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 79.45 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

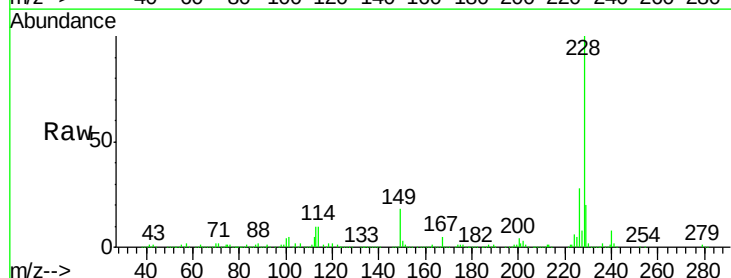
Tgt Ion:228 Resp: 728856

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

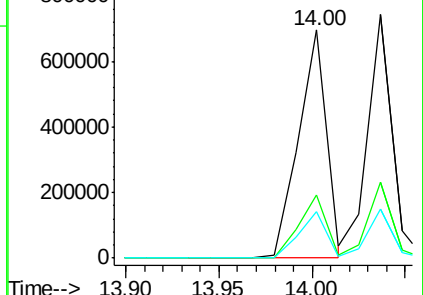
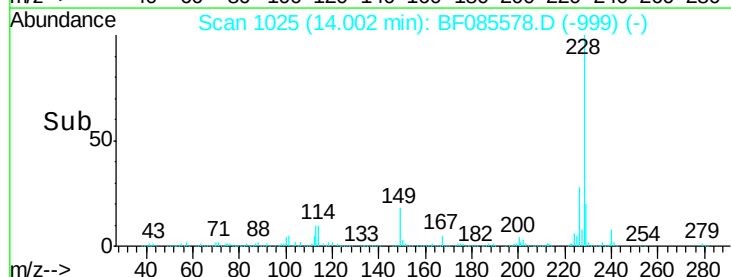
229 20.2 16.2 24.4

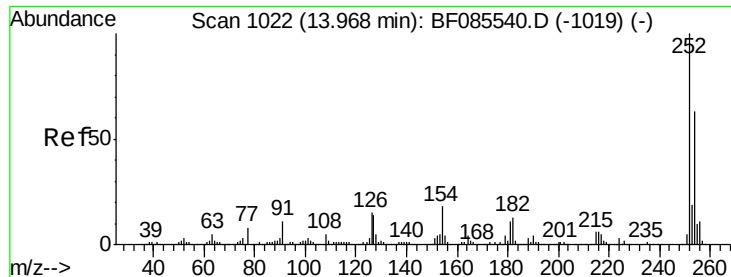


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

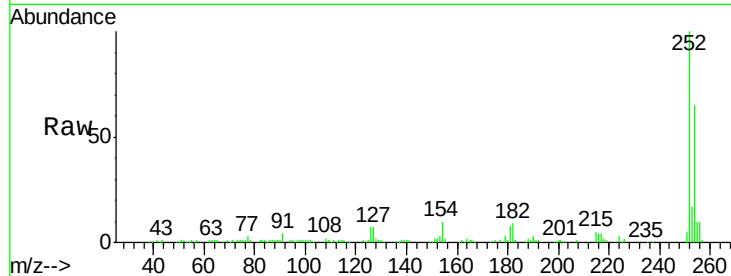




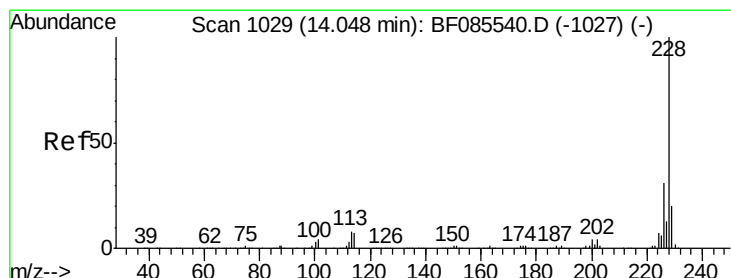
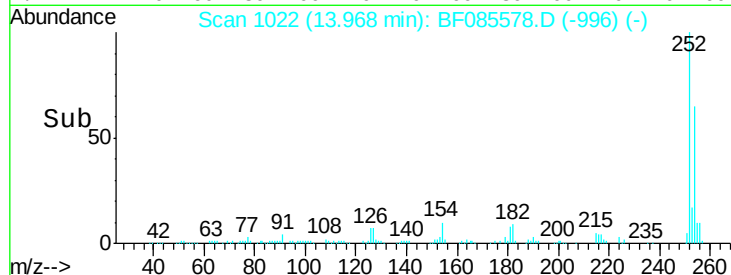
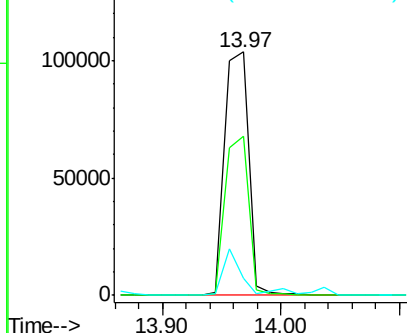
#81
 3,3'-Dichlorobenzidine
 Concen: 43.15 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

Tgt Ion:252 Resp: 145053
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 7.0 11.8 17.6#

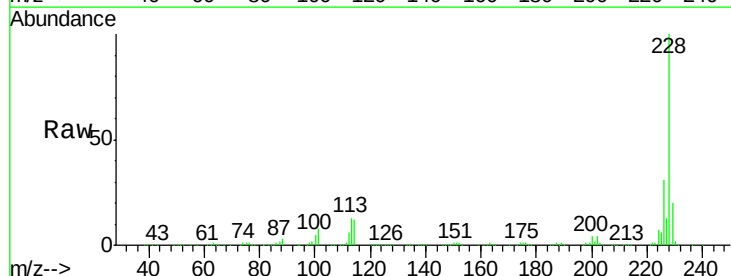


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

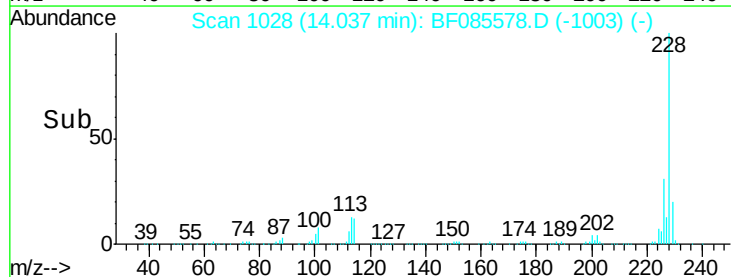
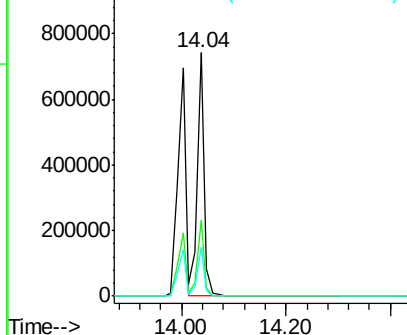


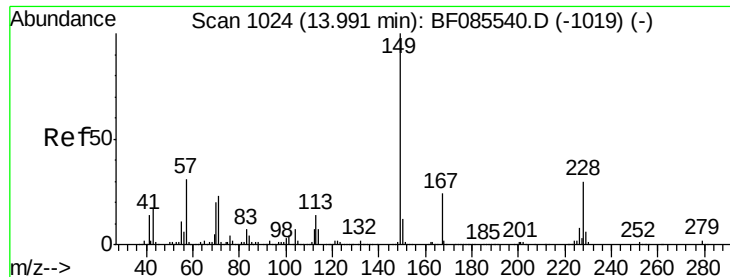
#82
 Chrysene
 Concen: 76.92 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion:228 Resp: 678898
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 81.47 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

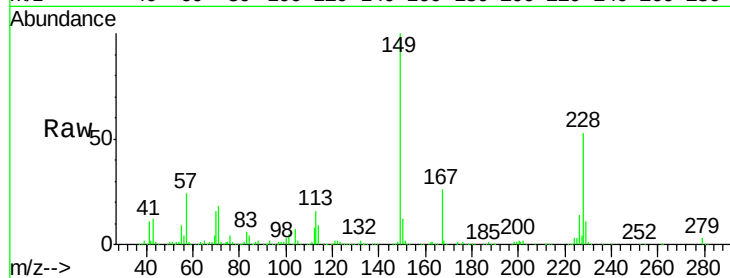
Tgt Ion:149 Resp: 547428

Ion Ratio Lower Upper

149 100

167 25.6 19.4 29.2

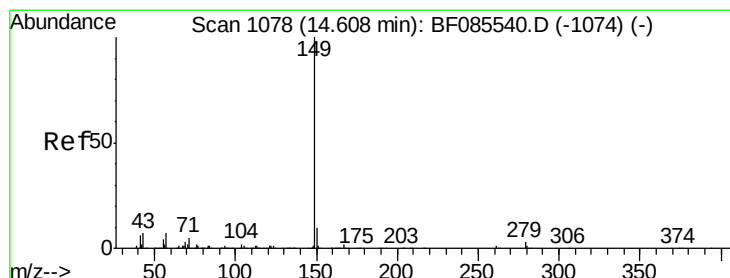
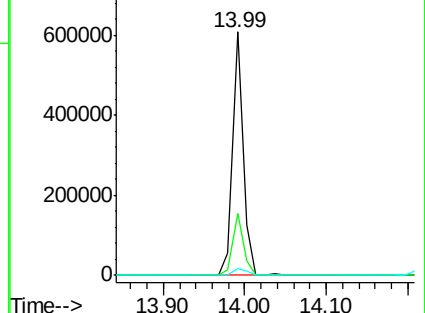
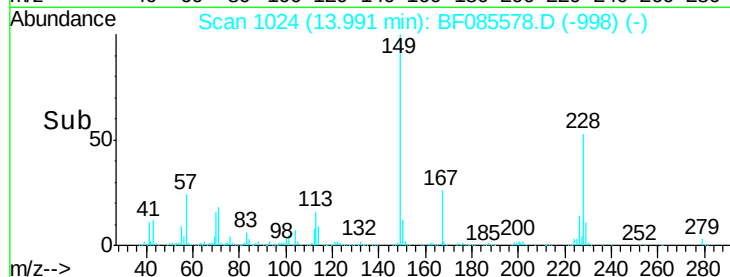
279 2.7 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 82.82 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

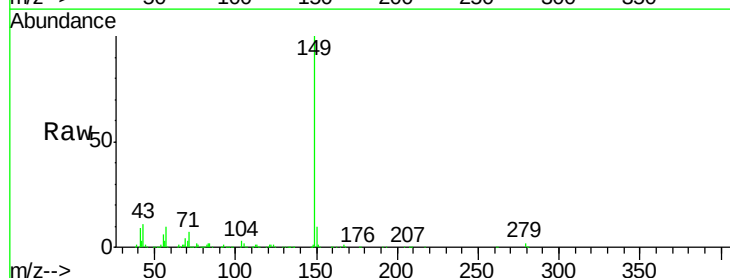
Tgt Ion:149 Resp: 906786

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

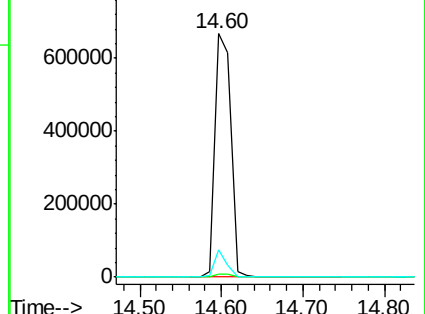
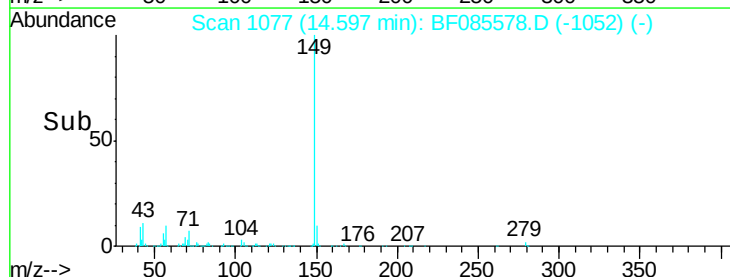
43 8.6 7.1 10.7

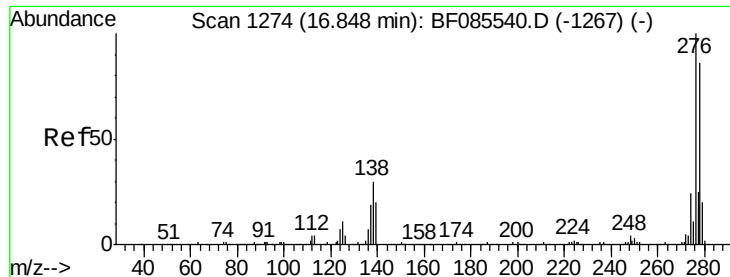


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

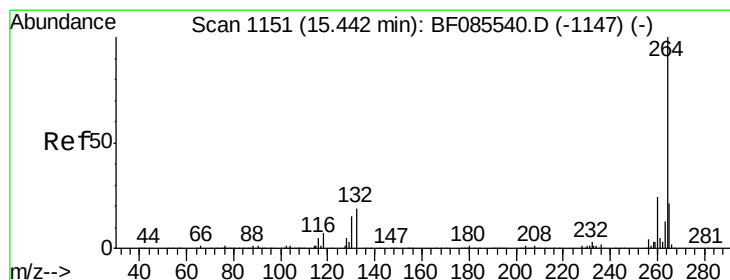
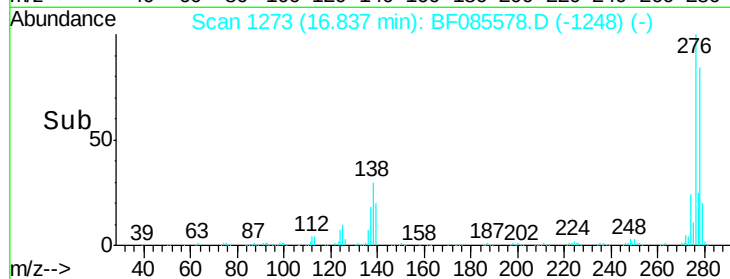
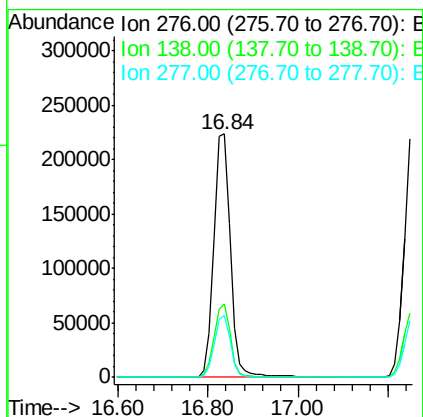
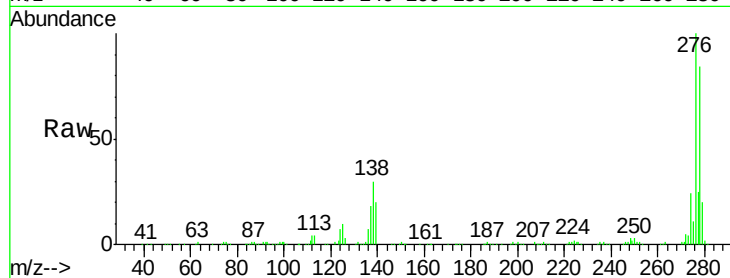




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78.81 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

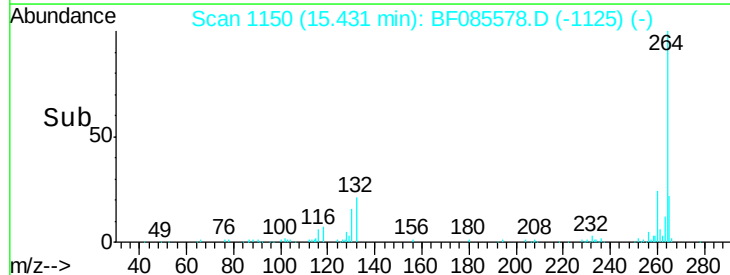
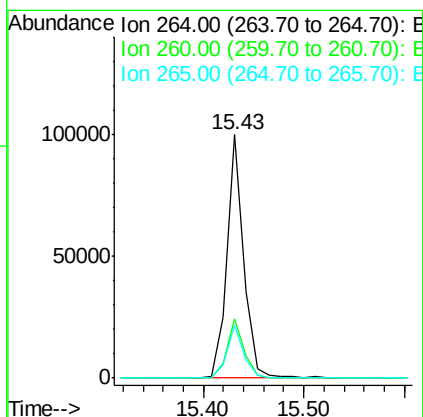
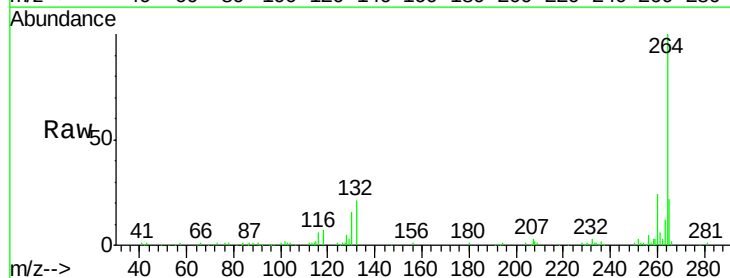
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

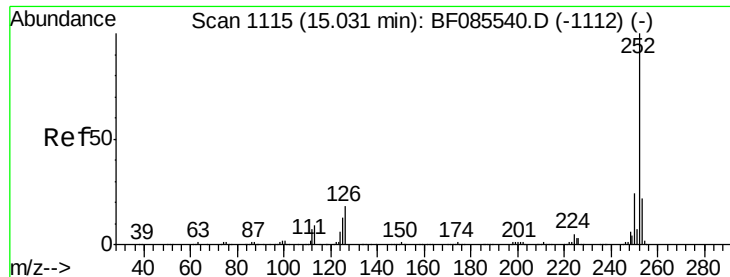
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085578.D
 Acq: 19 Mar 2016 17:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 153.16 ng

RT: 15.05 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

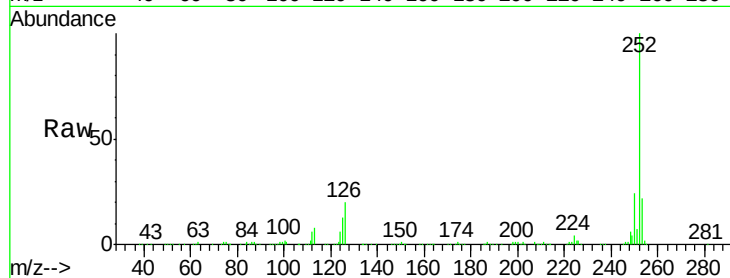
Tgt Ion:252 Resp: 1159809

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

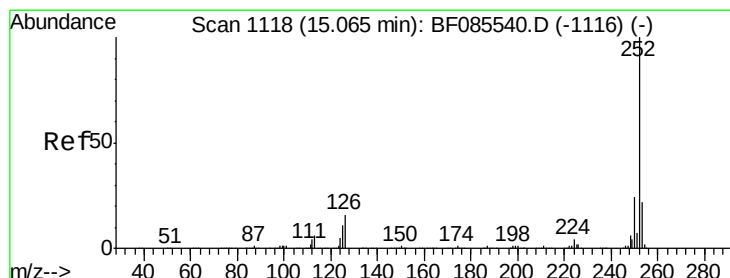
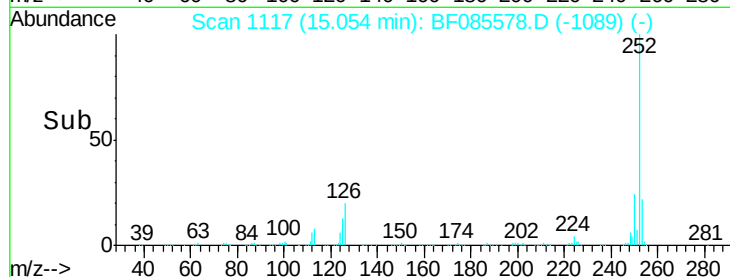
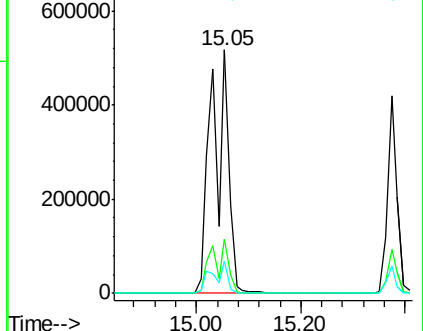
125 13.2 10.3 15.5



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



#88

Benzo(k)fluoranthene

Concen: 185.90 ng

RT: 15.05 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

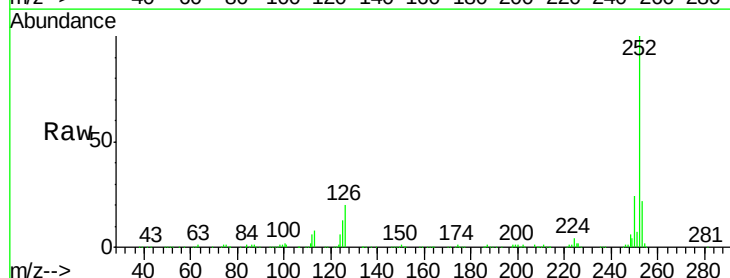
Tgt Ion:252 Resp: 1159809

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

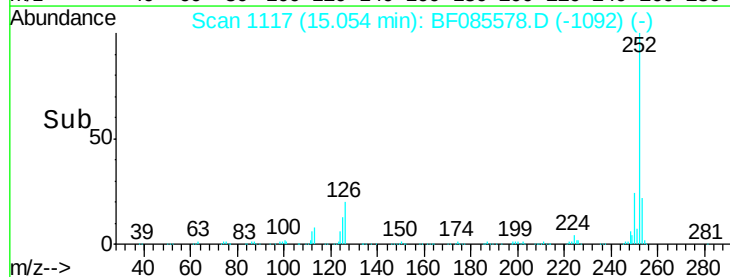
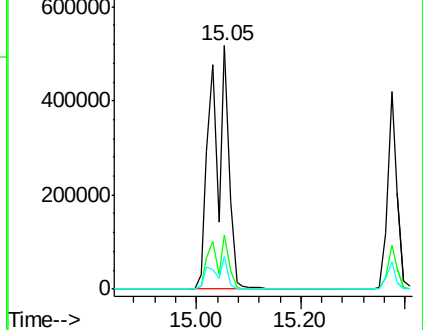
125 13.2 7.7 11.5#

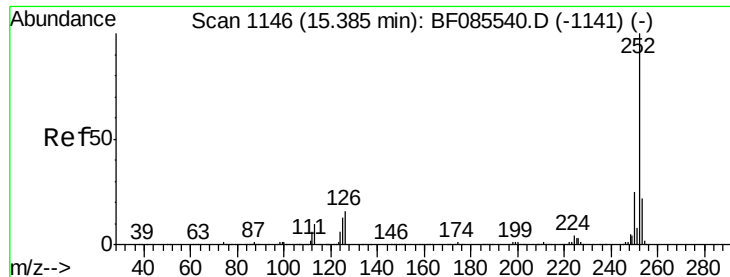


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 83.44 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

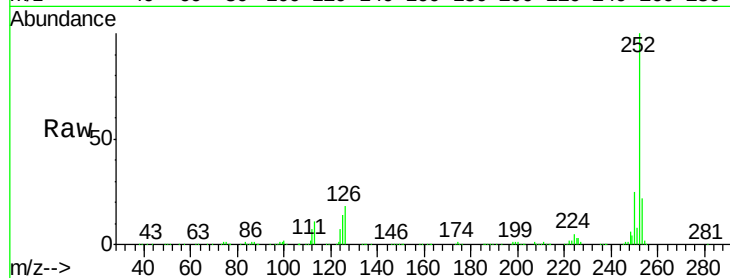
Tgt Ion:252 Resp: 535667

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

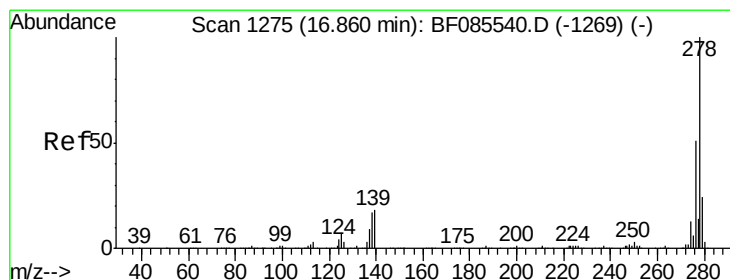
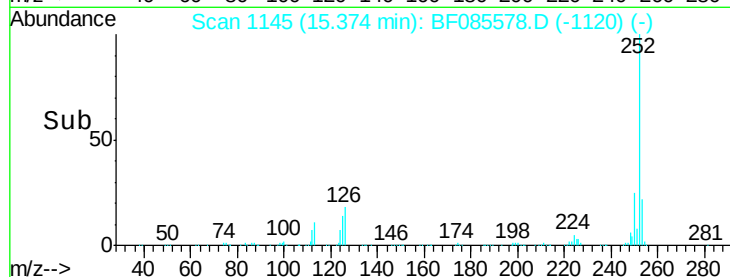
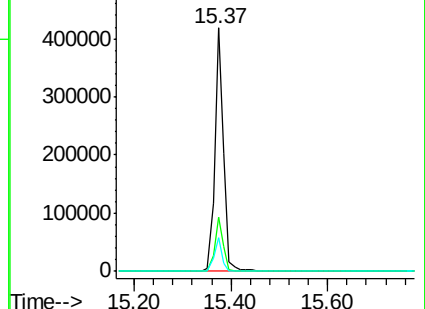
125 14.0 10.3 15.5



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: 90.80 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF085578.D

Acq: 19 Mar 2016 17:41

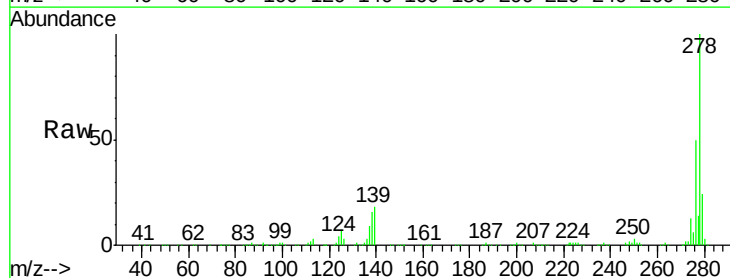
Tgt Ion:278 Resp: 486168

Ion Ratio Lower Upper

278 100

139 17.8 14.4 21.6

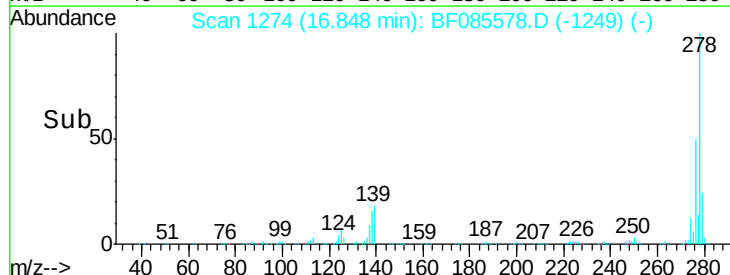
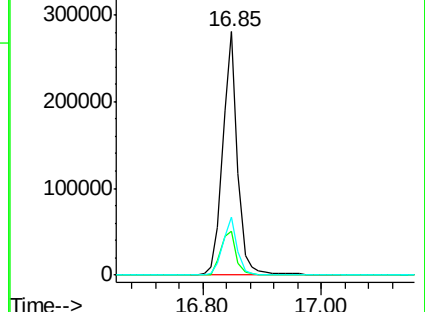
279 23.7 19.1 28.7

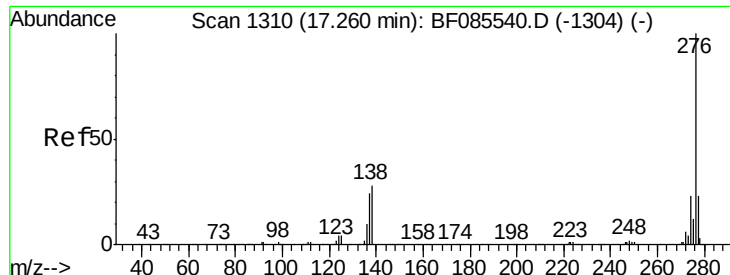


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 95.52 ng

RT: 17.25 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF085578.D

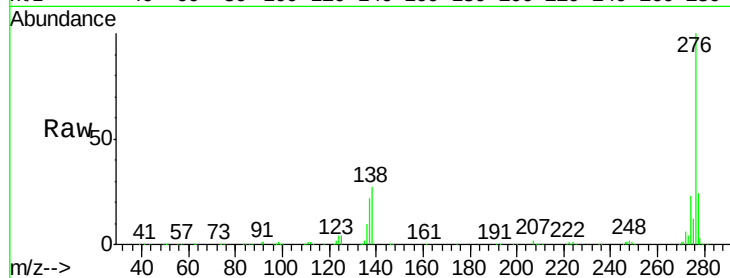
Acq: 19 Mar 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD



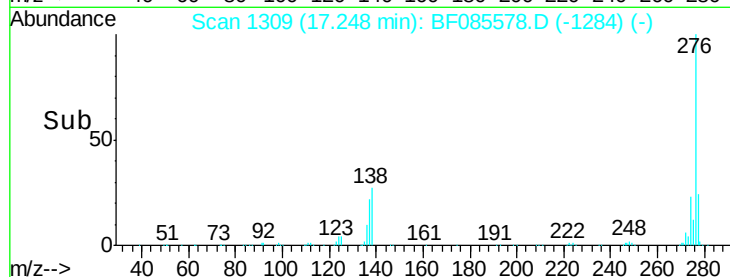
Tgt Ion: 276 Resp: 495029

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 26.8 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

