

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085625.D
 Acq On : 21 Mar 2016 16:41
 Operator : UM/SJ
 Sample : H1788-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 22 00:04:25 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	6.85	152	141609	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	558682	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	266648	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	505835	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	372419	20.00	ng	-0.01
86) Perylene-d12	15.42	264	253801	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1040721	123.44	ng	0.00
7) Phenol-d6	6.48	99	1429088	132.16	ng	-0.01
23) Nitrobenzene-d5	7.42	82	919816	95.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	324463	124.22	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1518137	102.31	ng	-0.01
78) Terphenyl-d14	12.95	244	1250124	80.78	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	152137	37.12	ng	97
3) Pyridine	3.22	79	361959	35.97	ng	100
4) n-Nitrosodimethylamine	3.17	42	195134	46.45	ng	97
6) Aniline	6.52	93	431828	29.73	ng	94
8) 2-Chlorophenol	6.63	128	426112	43.69	ng	96
9) Benzaldehyde	6.39	77	93452	15.19	ng	93
10) Phenol	6.50	94	501473	40.72	ng	87
11) bis(2-Chloroethyl)ether	6.58	93	404183	43.53	ng	99
12) 1,3-Dichlorobenzene	7.02	146	423396	39.84	ng	98
13) 1,4-Dichlorobenzene	6.86	146	438315	40.43	ng	99
14) 1,2-Dichlorobenzene	7.02	146	423890	44.04	ng	98
15) Benzyl Alcohol	7.00	79	359022	48.47	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	537343	44.01	ng	96
17) 2-Methylphenol	7.11	107	383220	47.40	ng	98
18) Hexachloroethane	7.35	117	170517	43.56	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	308979	47.84	ng	98
20) 3+4-Methylphenols	7.26	107	384042	41.01	ng	93
22) Acetophenone	7.26	105	545983	41.18	ng	# 99
24) Nitrobenzene	7.43	77	446336	42.36	ng	97
25) Isophorone	7.67	82	855301	44.39	ng	97
26) 2-Nitrophenol	7.75	139	263567	50.62	ng	96
27) 2,4-Dimethylphenol	7.78	122	371651	40.36	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	539622	49.23	ng	100
29) 2,4-Dichlorophenol	7.99	162	358581	47.16	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	367552	43.15	ng	98
31) Naphthalene	8.15	128	1172411	41.58	ng	100
32) Benzoic acid	7.89	122	81382	10.57	ng	97
33) 4-Chloroaniline	8.20	127	243854	21.10	ng	# 93
34) Hexachlorobutadiene	8.26	225	195960	43.17	ng	98
35) Caprolactam	8.58	113	73698	28.17	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	395104	44.49	ng	99
37) 2-Methylnaphthalene	8.85	142	872548	50.76	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	315066	38.95	ng	99
40) Hexachlorocyclopentadiene	9.00	237	324919	89.13	ng	99

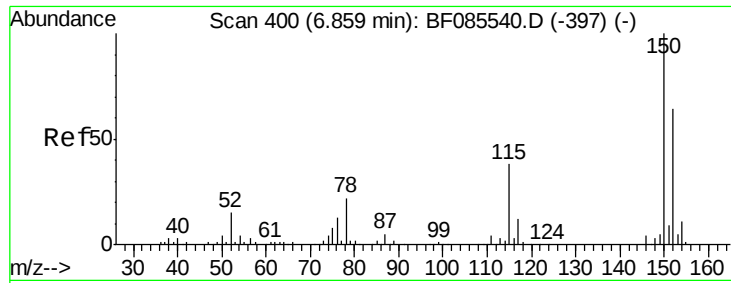
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246609	44.54	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	248349	44.07	ng	# 88
45) 1,1'-Biphenyl	9.30	154	889568	38.67	ng	99
46) 2-Chloronaphthalene	9.33	162	731959	43.56	ng	# 91
47) 2-Nitroaniline	9.43	65	245307	48.26	ng	98
48) Acenaphthylene	9.75	152	1193283	43.88	ng	100
49) Dimethylphthalate	9.61	163	1069973	53.18	ng	99
50) 2,6-Dinitrotoluene	9.67	165	193617	45.58	ng	95
51) Acenaphthene	9.92	154	765559	44.86	ng	99
52) 3-Nitroaniline	9.84	138	164035	30.83	ng	98
53) 2,4-Dinitrophenol	9.96	184	192171	73.85	ng	# 66
54) Dibenzofuran	10.09	168	1030681	49.60	ng	100
55) 4-Nitrophenol	10.01	139	310782	75.58	ng	97
56) 2,4-Dinitrotoluene	10.08	165	272151	48.93	ng	# 74
57) Fluorene	10.44	166	801455	46.28	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	190208	46.88	ng	98
59) Diethylphthalate	10.31	149	817726	40.88	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	356530	42.16	ng	95
61) 4-Nitroaniline	10.46	138	206389	39.35	ng	92
62) Azobenzene	10.58	77	896191	46.68	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	151919	46.93	ng	# 57
65) n-Nitrosodiphenylamine	10.55	169	749339	47.56	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	246114	48.70	ng	96
67) Hexachlorobenzene	10.98	284	265647	49.48	ng	96
68) Atrazine	11.08	200	229576	47.86	ng	99
69) Pentachlorophenol	11.18	266	272124	83.49	ng	98
70) Phenanthrene	11.40	178	1241196	46.54	ng	100
71) Anthracene	11.44	178	1104800	39.51	ng	100
72) Carbazole	11.60	167	1132231	46.93	ng	100
73) Di-n-butylphthalate	11.93	149	1396753	46.23	ng	99
74) Fluoranthene	12.57	202	1141386	40.87	ng	98
76) Benzidine	12.70	184	186073	14.86	ng	98
77) Pyrene	12.80	202	1171618	43.81	ng	99
79) Butylbenzylphthalate	13.42	149	522337	40.98	ng	# 71
80) Benzo(a)anthracene	13.99	228	902770	41.76	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	189627	23.93	ng	# 96
82) Chrysene	14.03	228	784344	37.71	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	608559	38.43	ng	# 98
84) Di-n-octyl phthalate	14.60	149	1035775	40.14	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	716015	41.20	ng	99
87) Benzo(b)fluoranthene	15.02	252	1430961	86.41	ng	97
88) Benzo(k)fluoranthene	15.02	252	1431167	104.89	ng	99
89) Benzo(a)pyrene	15.36	252	661774	47.14	ng	97
90) Dibenzo(a,h)anthracene	16.84	278	597242	51.00	ng	98
91) Benzo(g,h,i)perylene	17.24	276	603971	53.29	ng	98

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

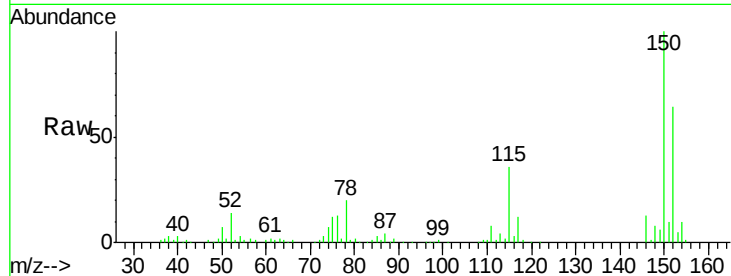


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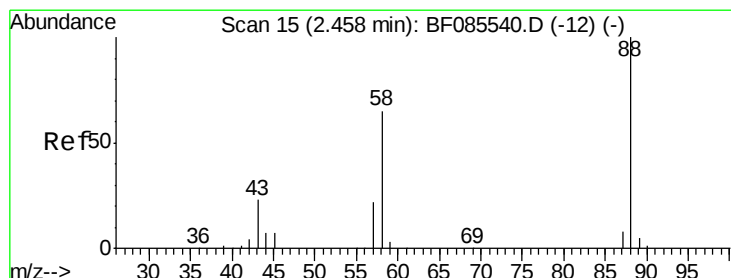
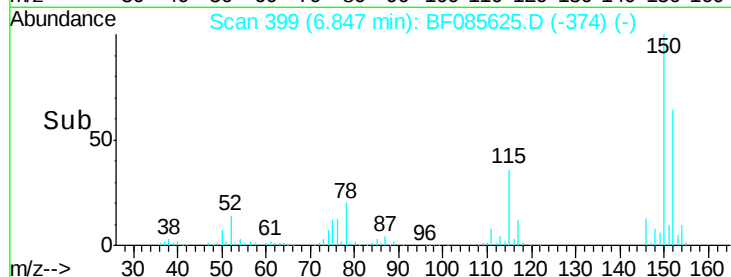
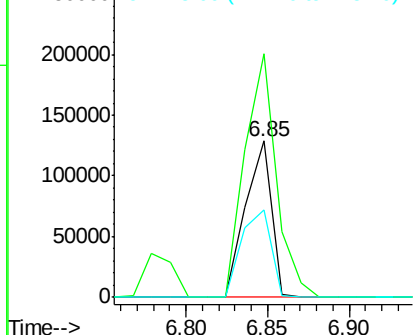
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:152 Resp: 141609
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 56.1 47.0 70.6



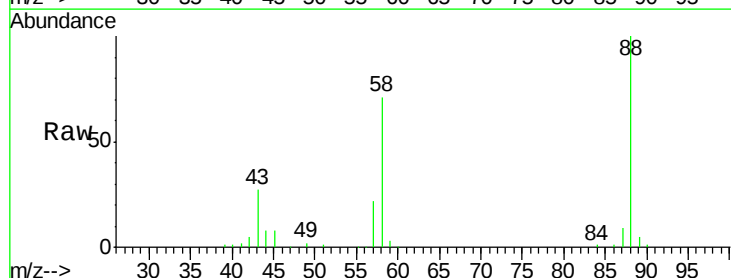
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



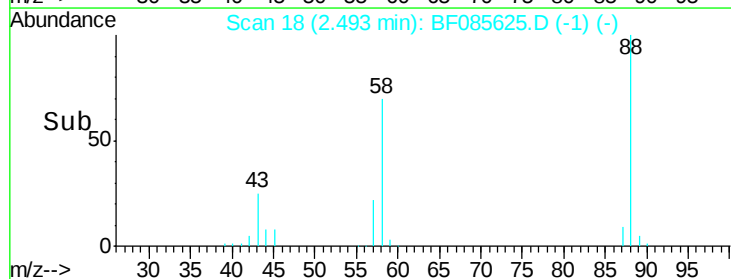
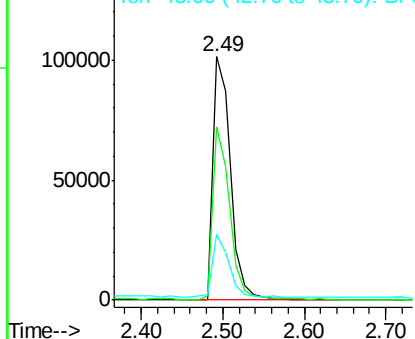
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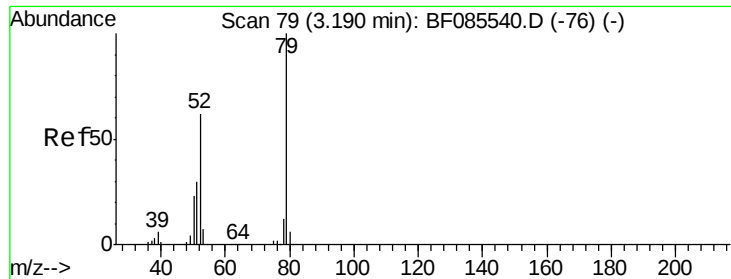
1,4-Dioxane
Concen: 37.12 ng
RT: 2.49 min Scan# 18
Delta R.T. 0.03 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 88 Resp: 152137
Ion Ratio Lower Upper
88 100
58 70.2 54.2 81.2
43 26.0 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: 35.97 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

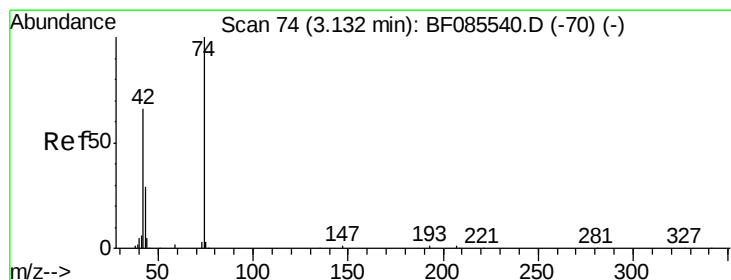
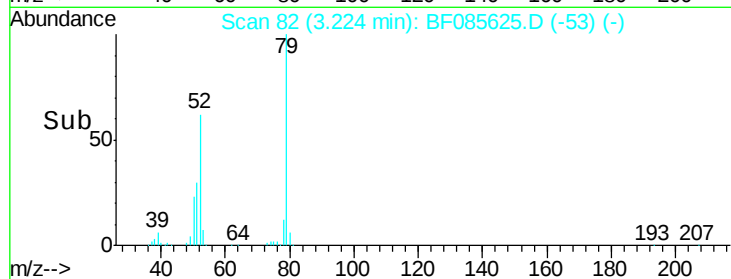
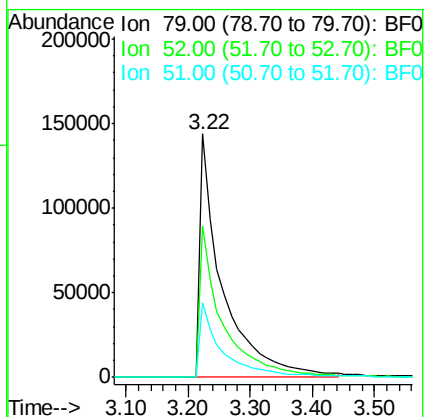
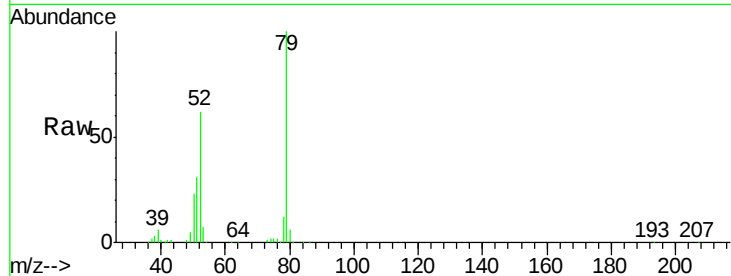
Tgt Ion: 79 Resp: 361959

Ion Ratio Lower Upper

79 100

52 62.3 49.8 74.6

51 30.7 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 46.45 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

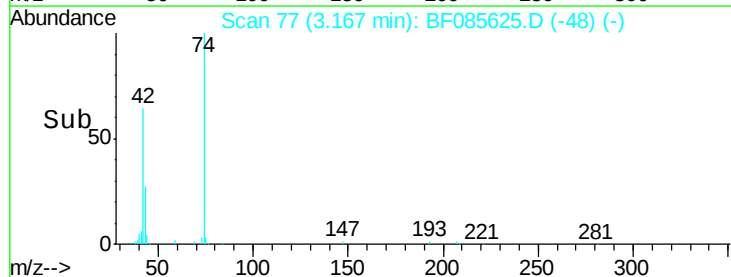
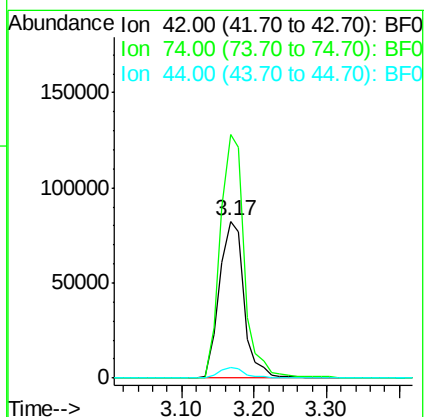
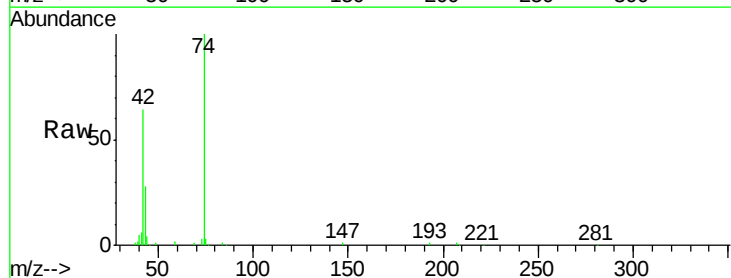
Tgt Ion: 42 Resp: 195134

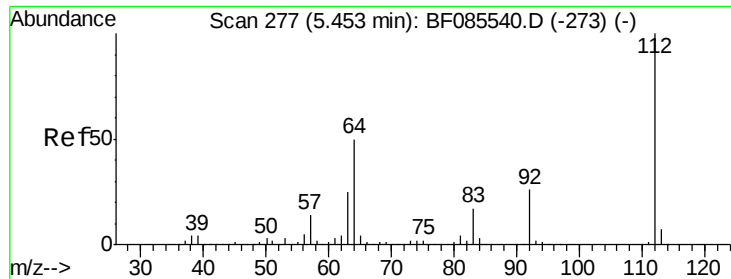
Ion Ratio Lower Upper

42 100

74 155.3 121.4 182.2

44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 123.44 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

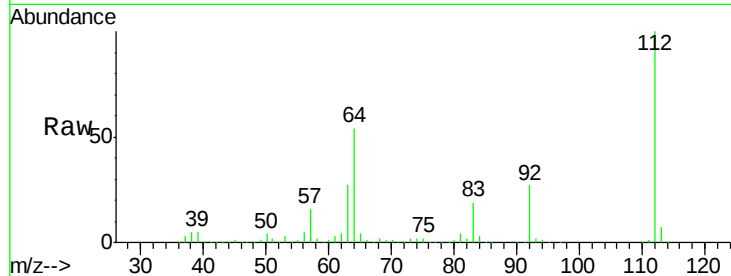
Tgt Ion: 112 Resp: 1040721

Ion Ratio Lower Upper

112 100

64 53.6 39.9 59.9

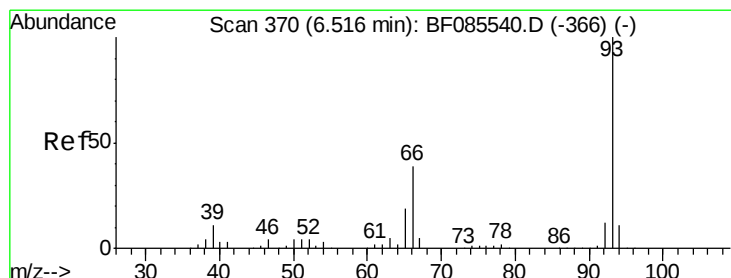
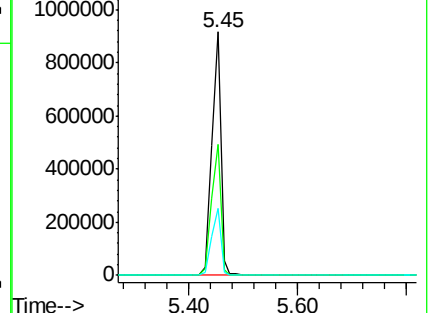
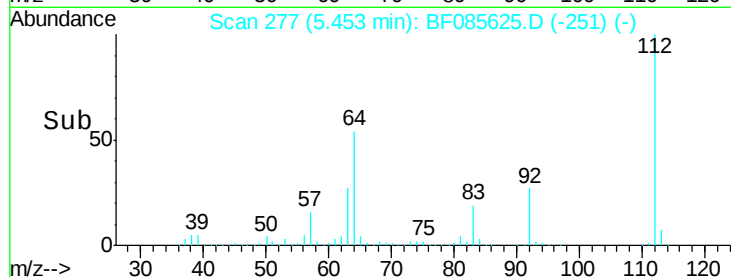
63 27.3 20.2 30.2



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: 29.73 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

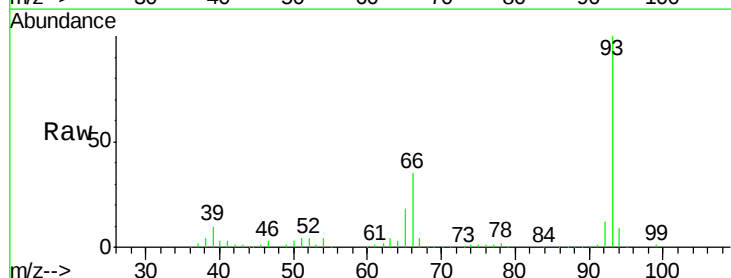
Tgt Ion: 93 Resp: 431828

Ion Ratio Lower Upper

93 100

66 35.2 31.4 47.2

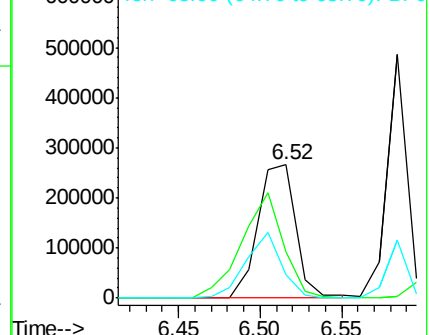
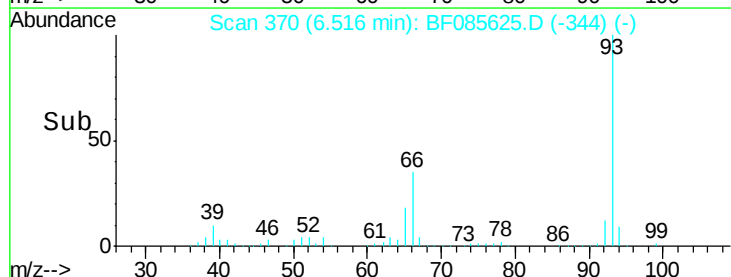
65 17.8 15.7 23.5

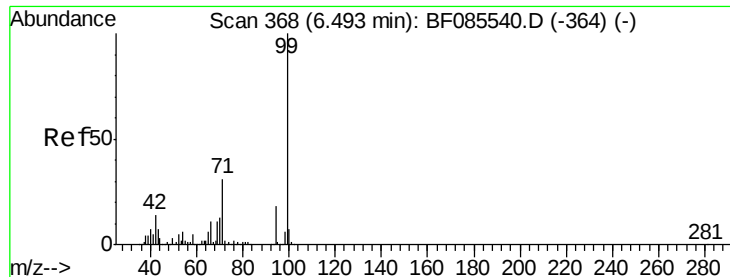


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.16 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

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SB-1(8-9)MSD

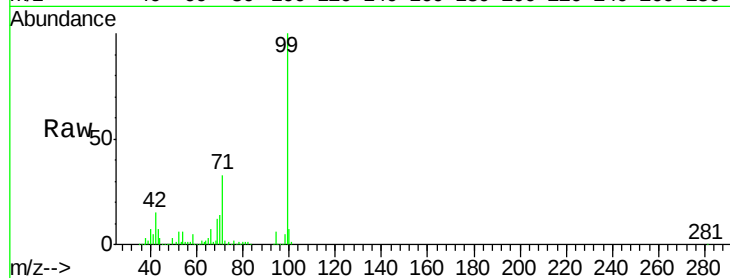
Tgt Ion: 99 Resp: 1429088

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

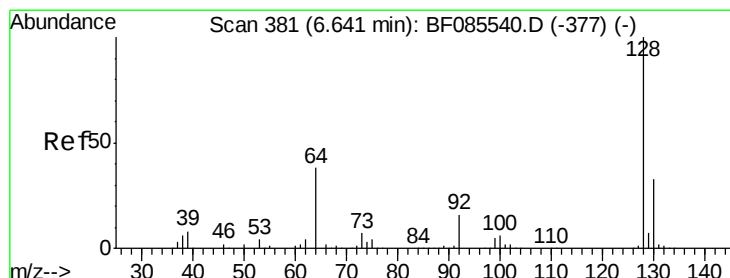
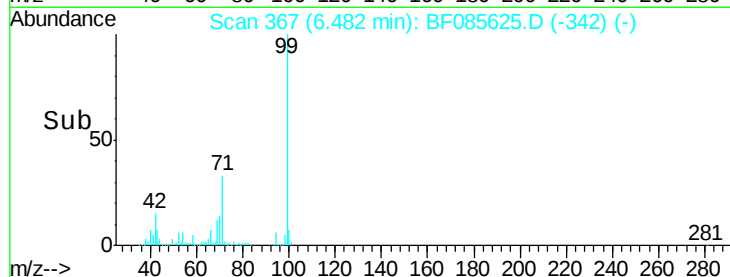
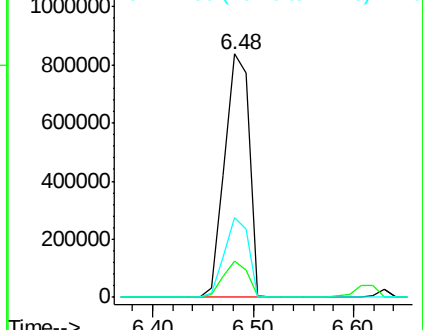
71 33.0 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.69 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

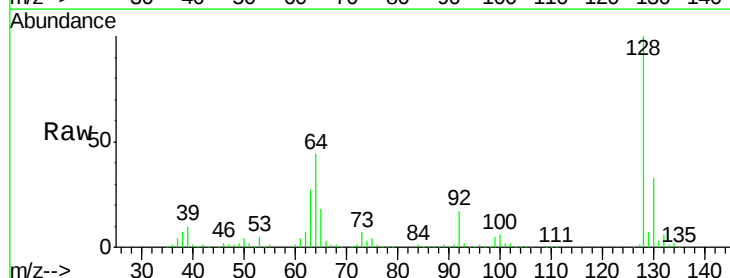
Tgt Ion: 128 Resp: 426112

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

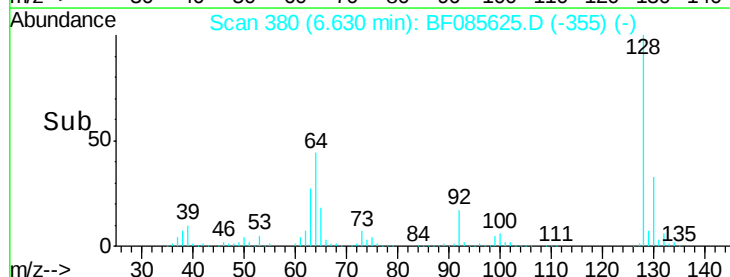
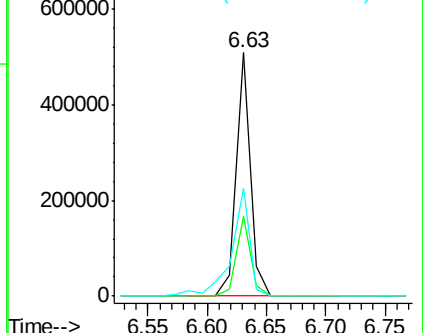
64 44.3 20.2 60.2

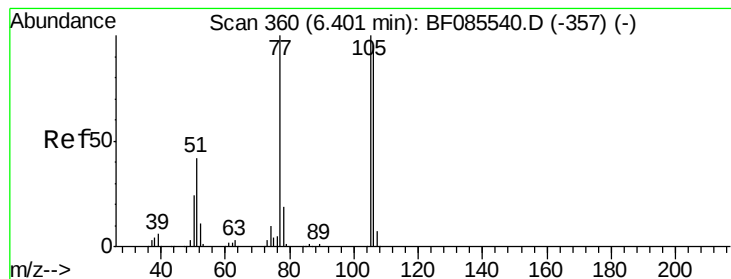


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.19 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

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ClientSampleId :

SB-1(8-9)MSD

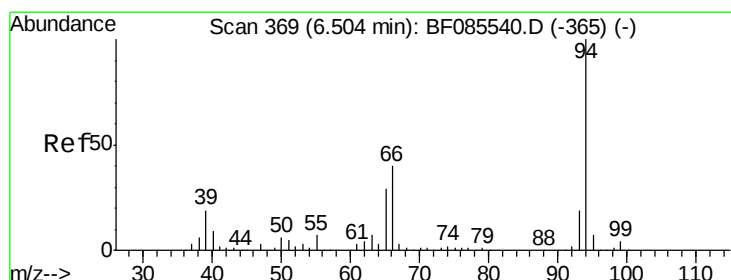
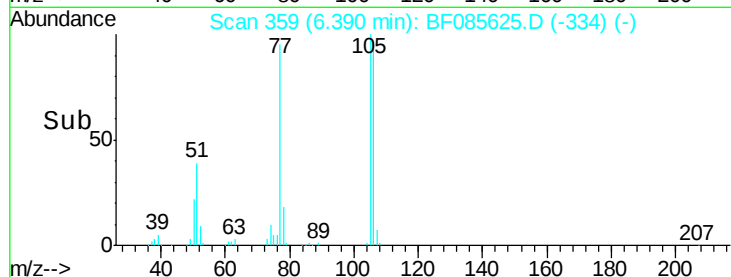
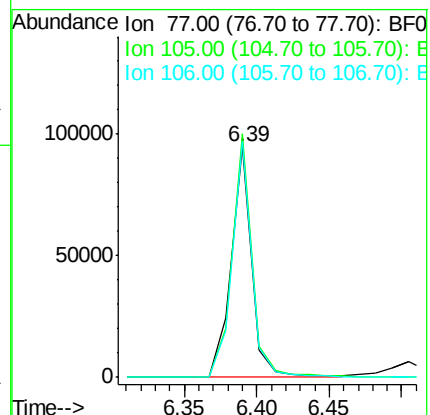
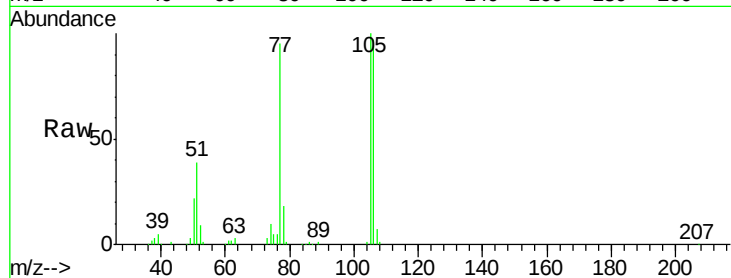
Tgt Ion: 77 Resp: 93452

Ion Ratio Lower Upper

77 100

105 105.5 80.1 120.1

106 102.5 75.0 115.0



#10

Phenol

Concen: 40.72 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

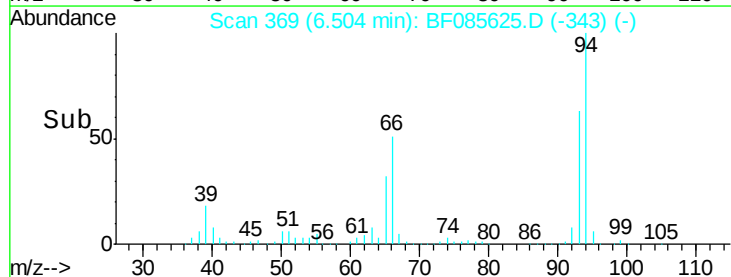
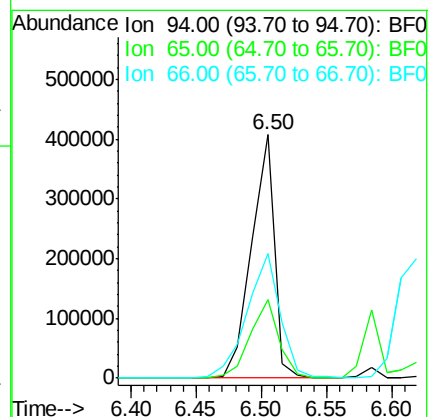
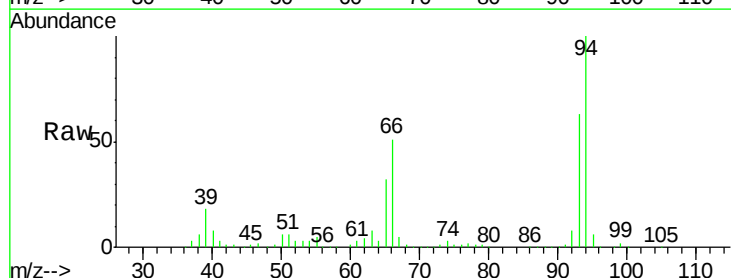
Tgt Ion: 94 Resp: 501473

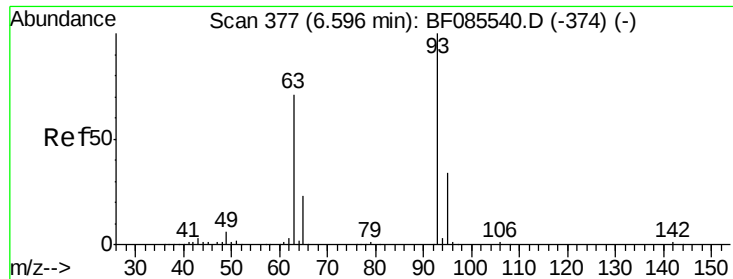
Ion Ratio Lower Upper

94 100

65 32.0 8.6 48.6

66 51.3 20.0 60.0

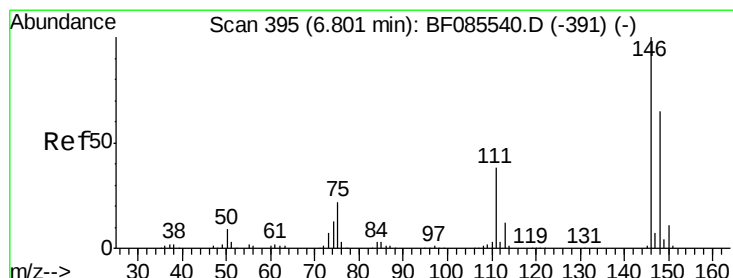
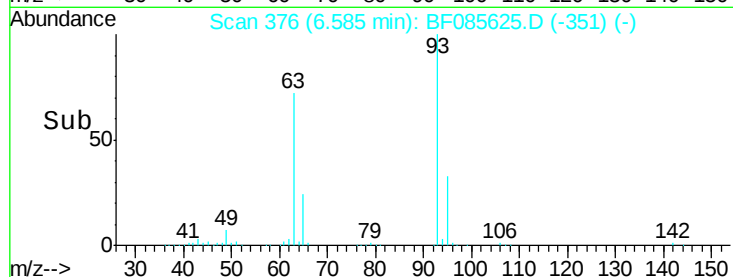
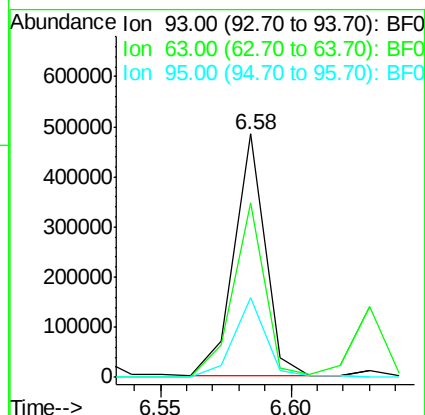
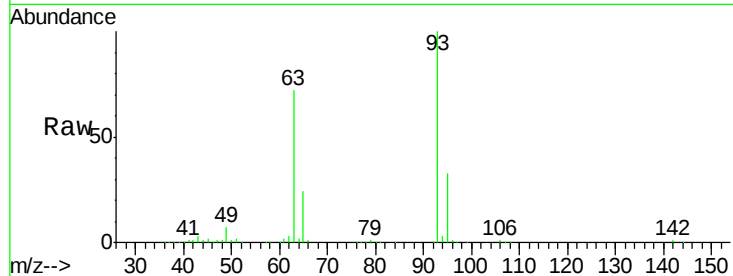




#11
bis(2-Chloroethyl)ether
Concen: 43.53 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

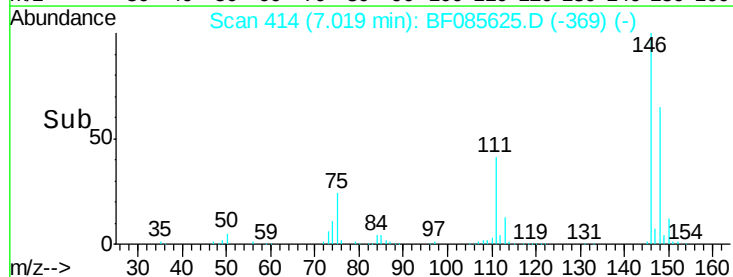
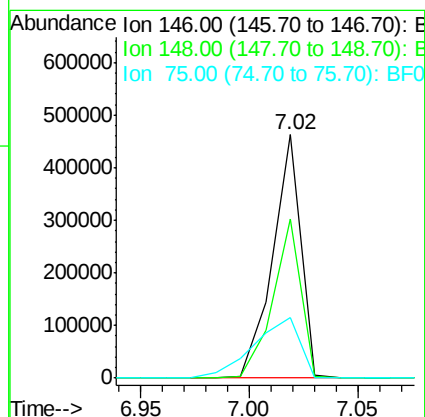
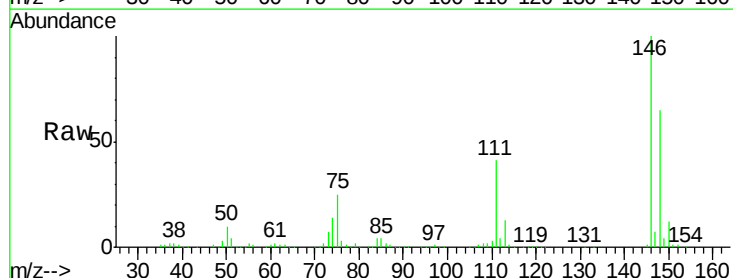
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

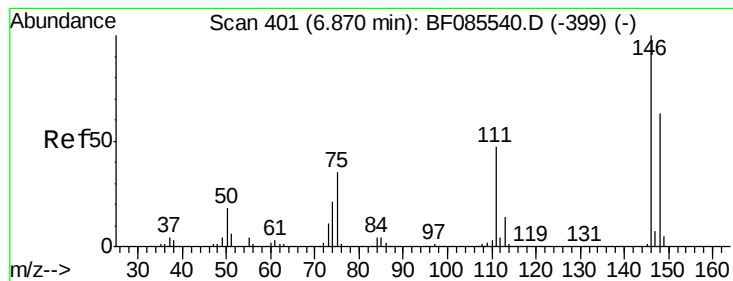
Tgt Ion: 93 Resp: 404183
Ion Ratio Lower Upper
93 100
63 71.9 50.9 90.9
95 32.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.84 ng
RT: 7.02 min Scan# 414
Delta R.T. 0.22 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 146 Resp: 423396
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 24.9 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 40.43 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

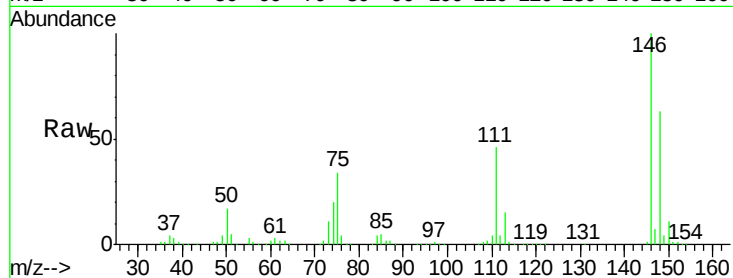
Tgt Ion:146 Resp: 438315

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

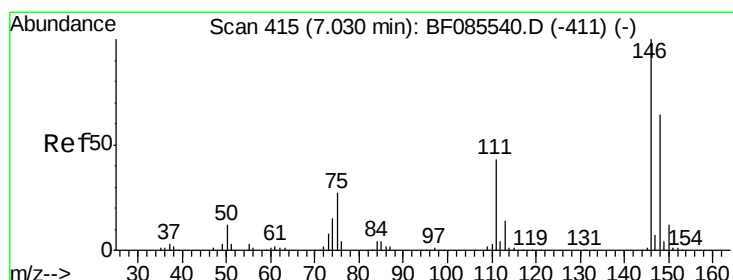
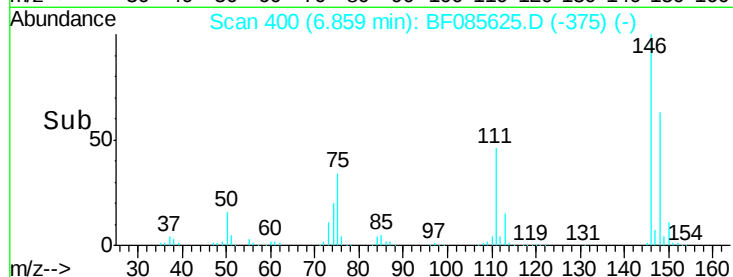
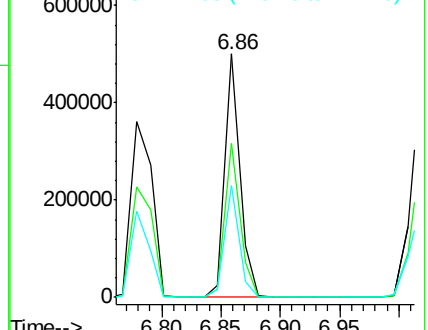
111 45.8 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.04 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

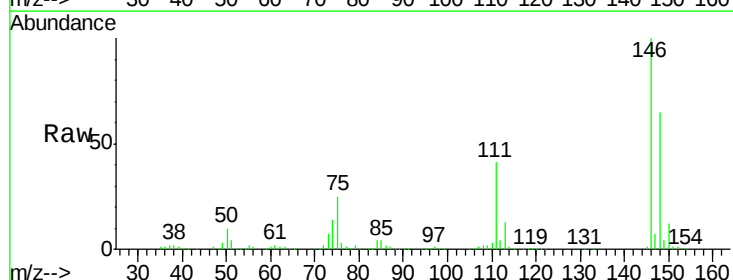
Tgt Ion:146 Resp: 423890

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.2

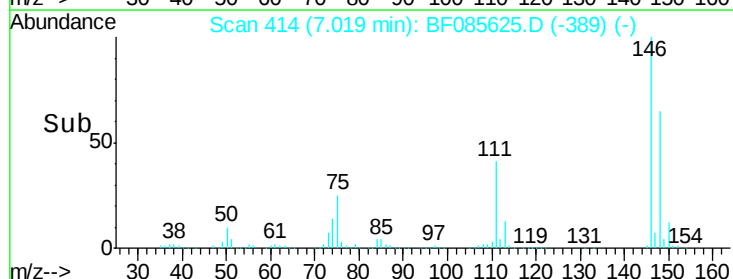
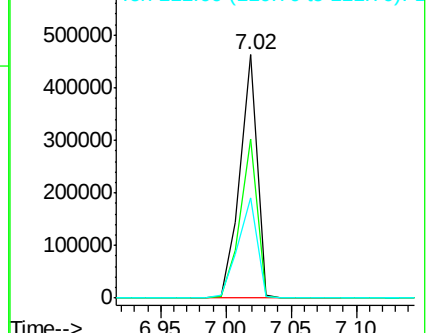
111 41.1 34.6 52.0

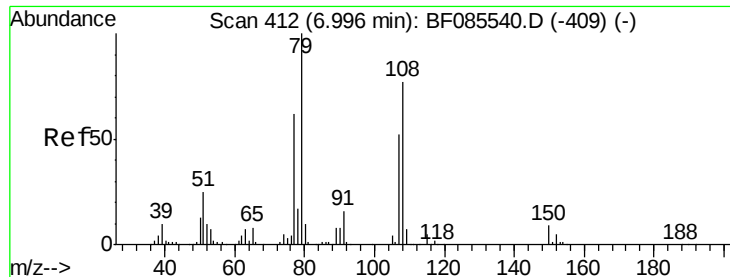


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.47 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

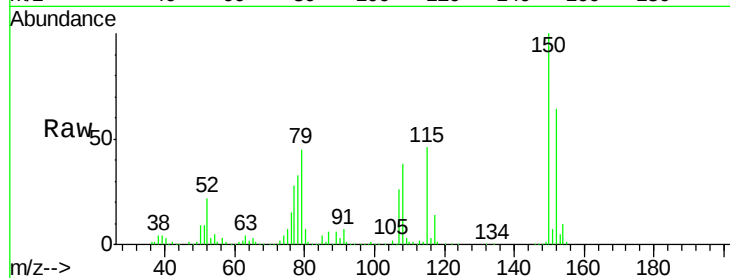
Tgt Ion: 79 Resp: 359022

Ion Ratio Lower Upper

79 100

108 86.0 61.8 92.6

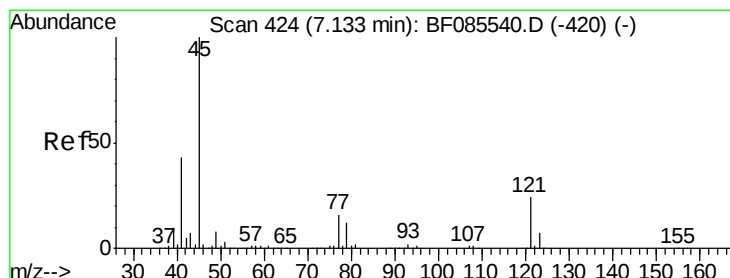
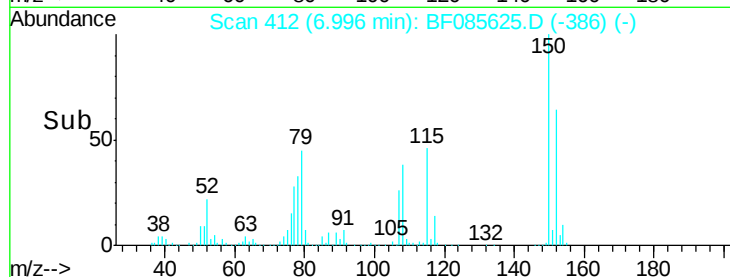
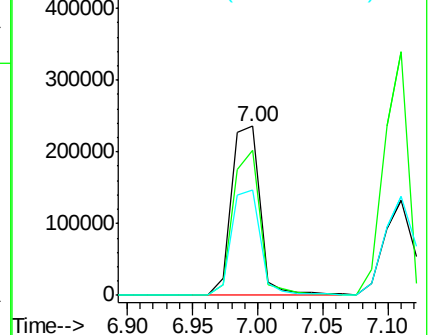
77 62.1 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.01 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

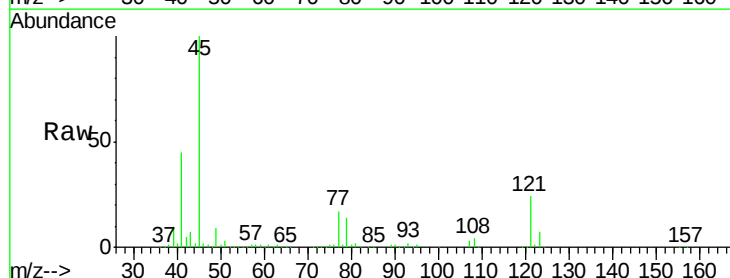
Tgt Ion: 45 Resp: 537343

Ion Ratio Lower Upper

45 100

77 17.4 0.0 35.7

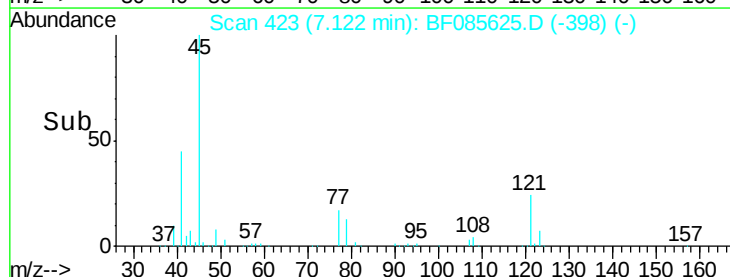
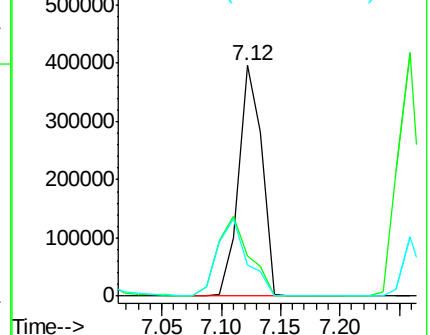
79 13.6 0.0 32.2

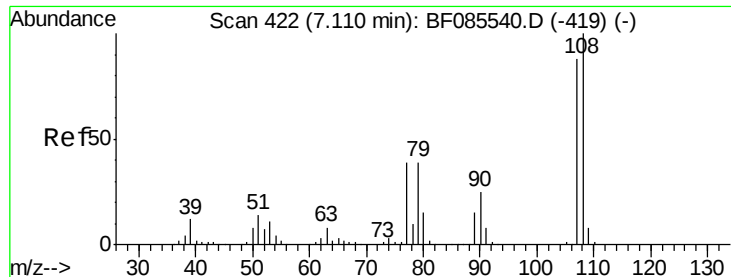


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.40 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:107 Resp: 383220

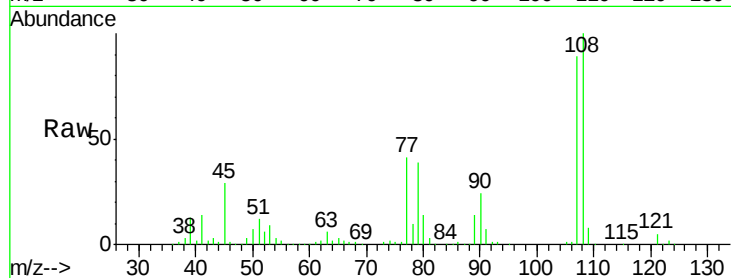
Ion Ratio Lower Upper

107 100

108 112.0 91.4 137.0

77 45.5 36.2 54.2

79 43.6 35.8 53.8

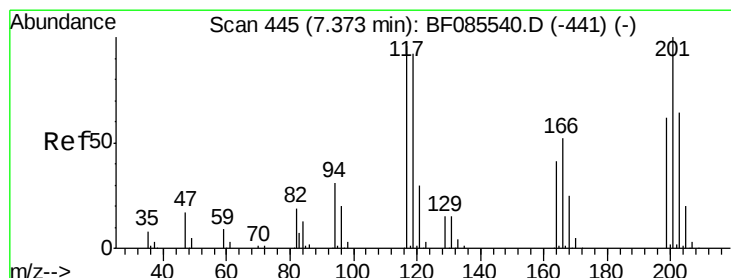
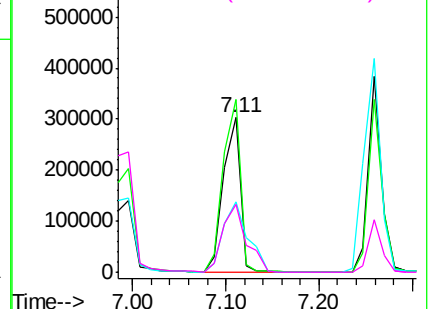
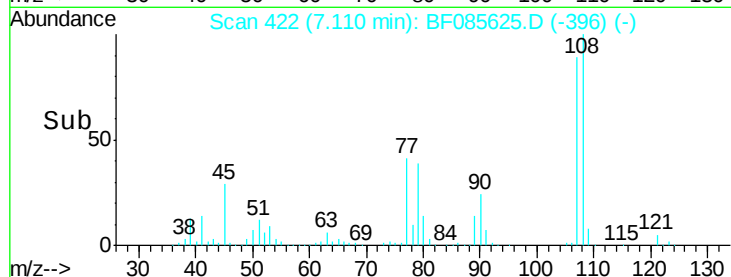


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.56 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

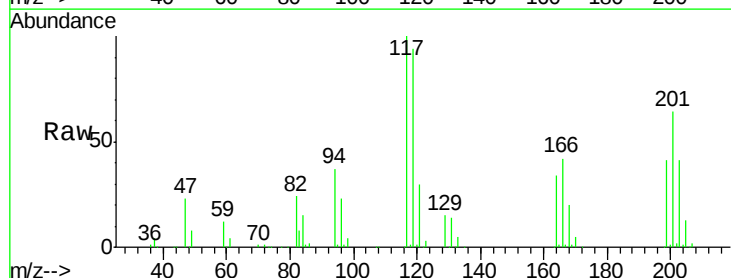
Tgt Ion:117 Resp: 170517

Ion Ratio Lower Upper

117 100

119 93.7 76.7 115.1

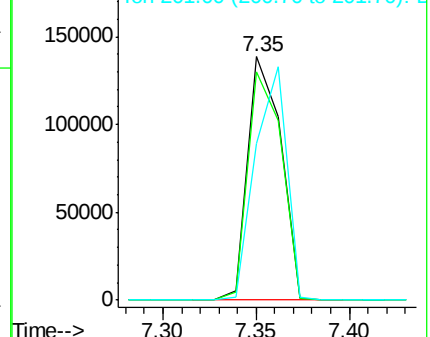
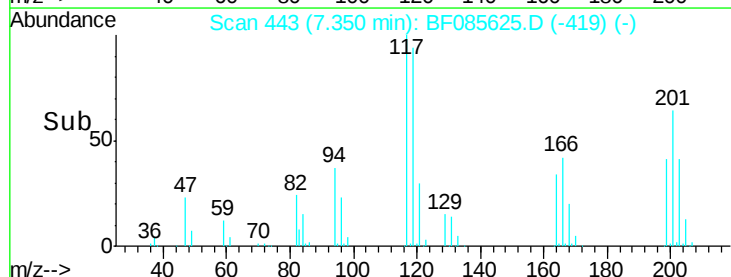
201 64.4 83.3 124.9#

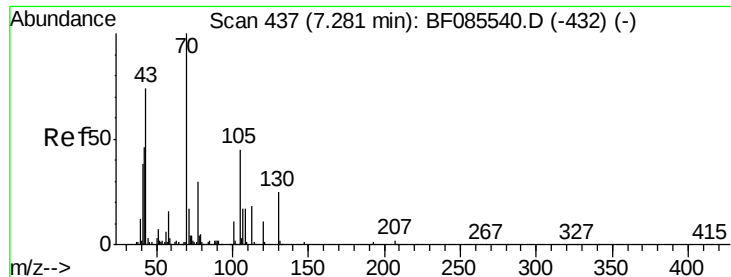


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

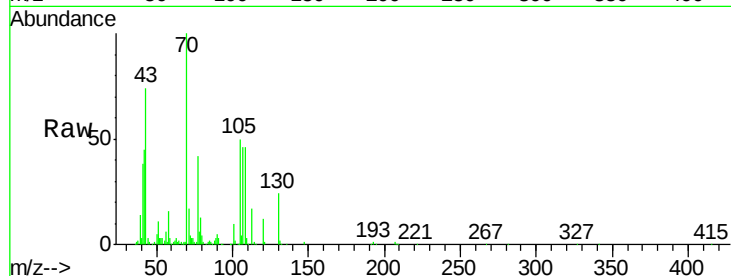




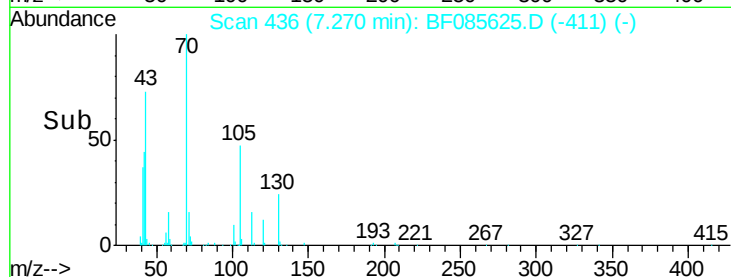
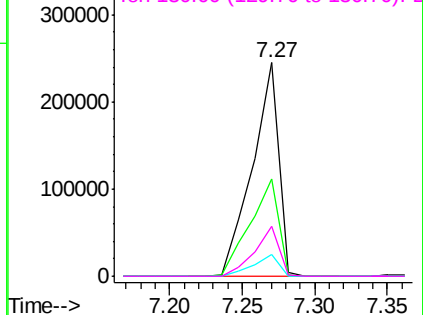
#19
n-Nitroso-di-n-propylamine
Concen: 47.84 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:	70	Resp:	308979
Ion	Ratio	Lower	Upper
70	100		
42	45.3	37.1	55.7
101	10.3	8.6	12.8
130	23.5	19.6	29.4

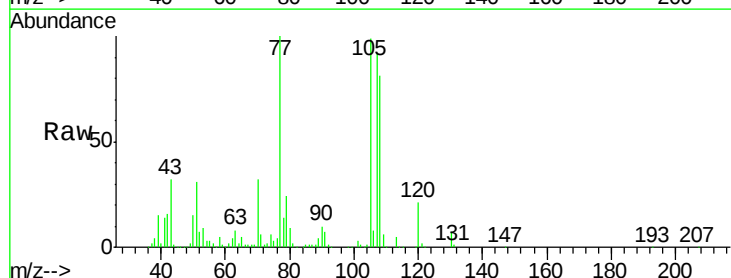
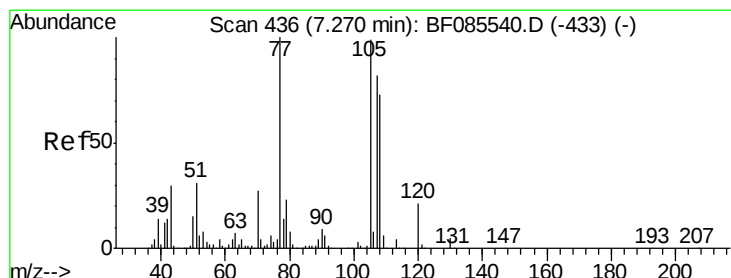


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

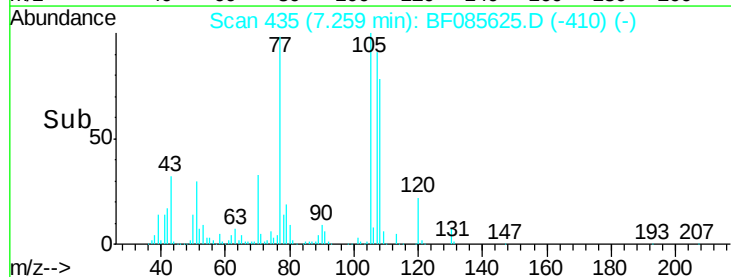
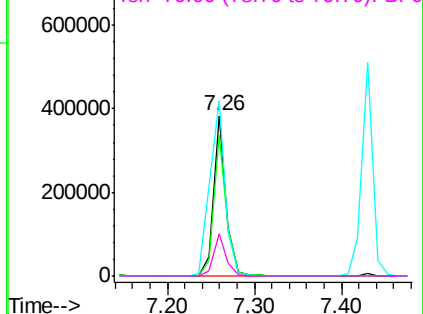


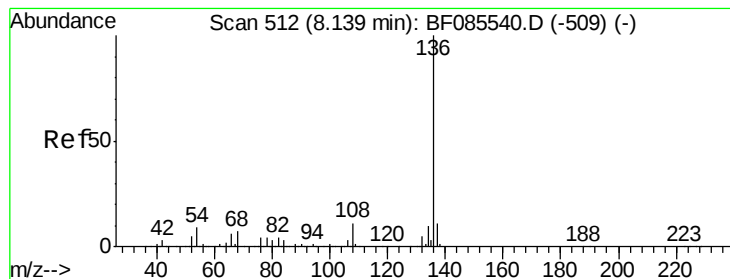
#20
3+4-Methylphenols
Concen: 41.01 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:	107	Resp:	384042
Ion	Ratio	Lower	Upper
107	100		
108	87.9	69.3	109.3
77	108.9	101.7	141.7
79	26.7	8.3	48.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:136 Resp: 558682

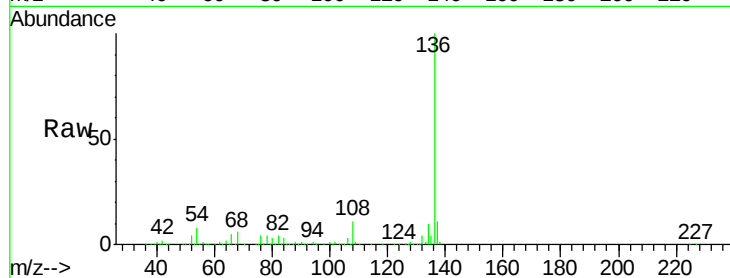
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 7.4 11.0

68 6.4 5.8 8.8

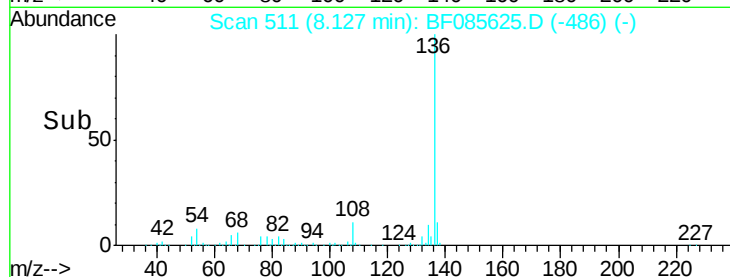


Abundance Ion 136.00 (135.70 to 136.70): E

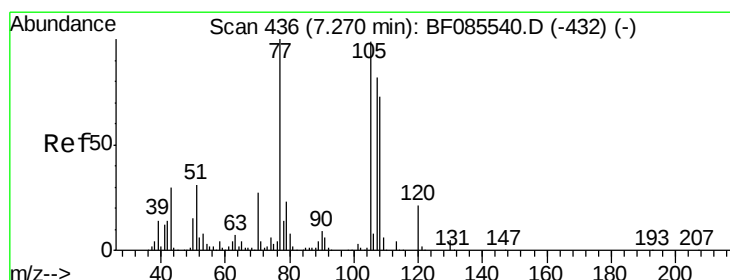
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.18 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Tgt Ion:105 Resp: 545983

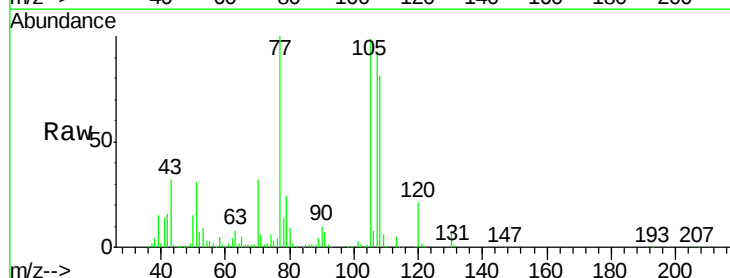
Ion Ratio Lower Upper

105 100

71 5.6 3.6 5.4#

51 31.5 25.4 38.0

120 21.7 16.9 25.3

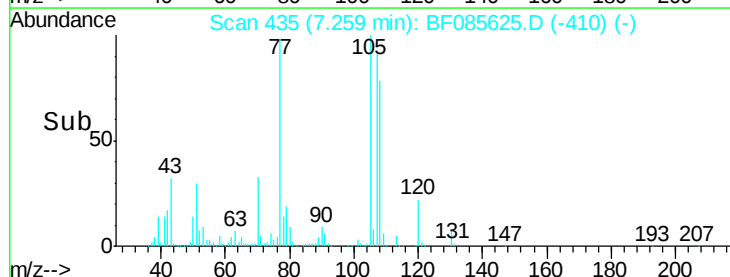


Abundance Ion 105.00 (104.70 to 105.70): E

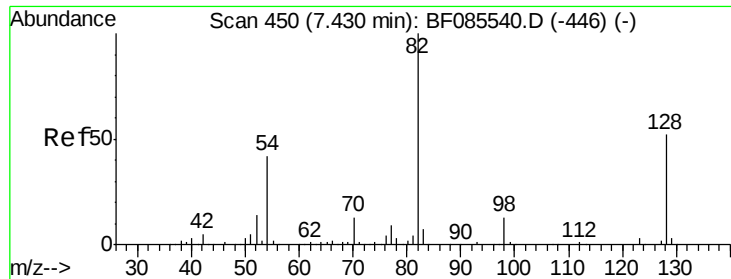
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



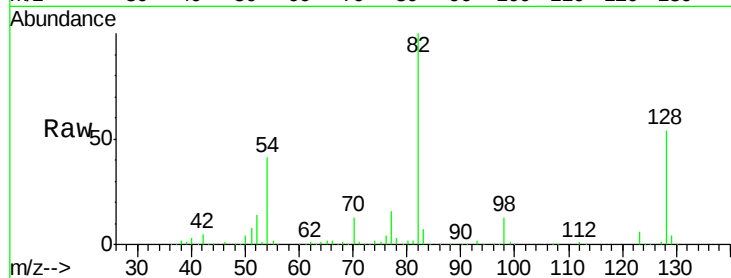
Time-->



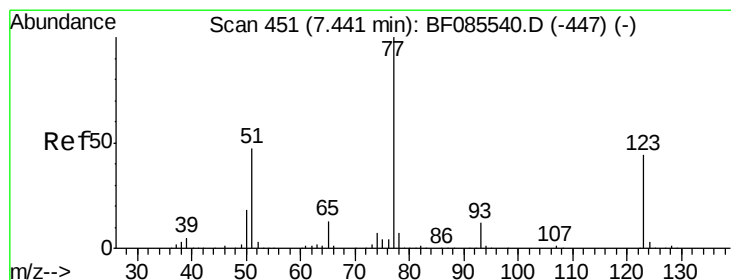
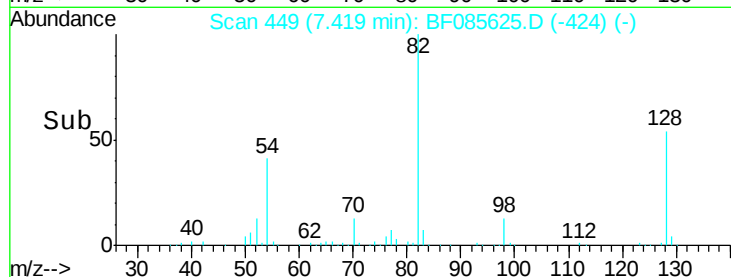
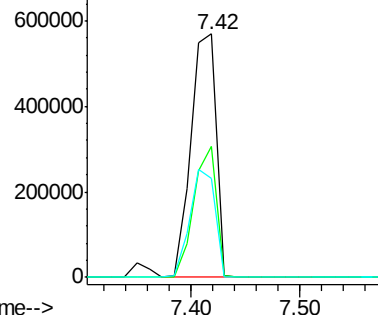
#23
 Nitrobenzene-d5
 Concen: 95.57 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.7	41.8	62.8
54	40.7	33.4	50.0

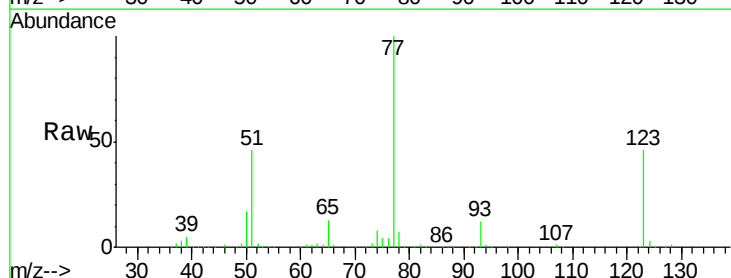


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

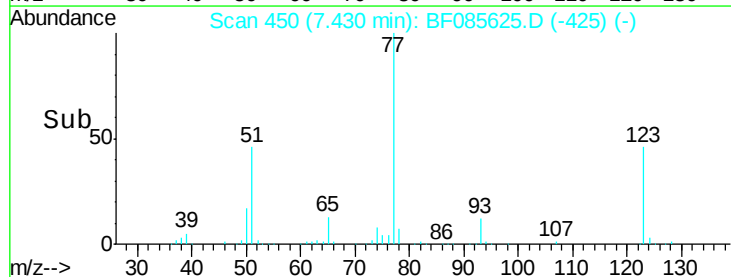
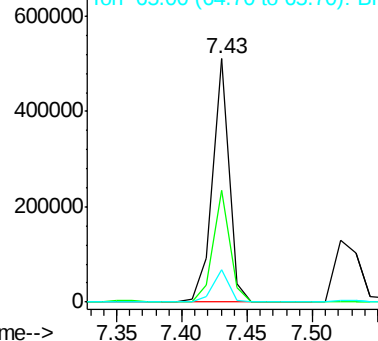


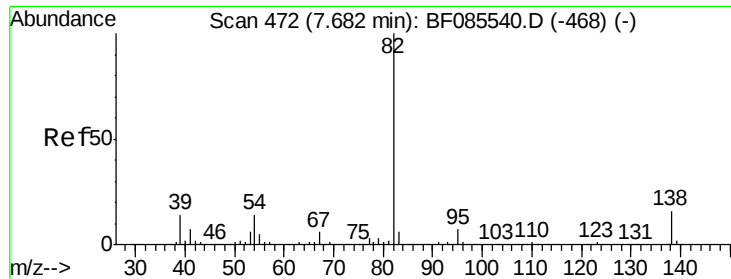
#24
 Nitrobenzene
 Concen: 42.36 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.0	52.4
65	13.1	10.6	16.0



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





#25

Isophorone

Concen: 44.39 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

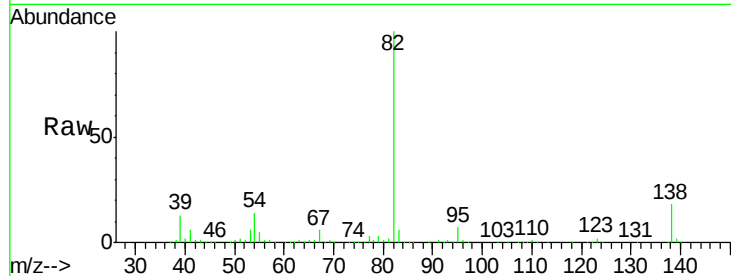
Tgt Ion: 82 Resp: 855301

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

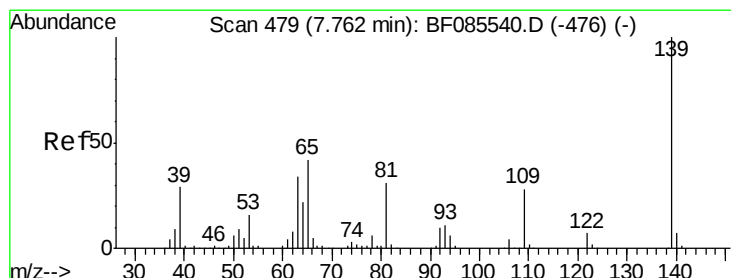
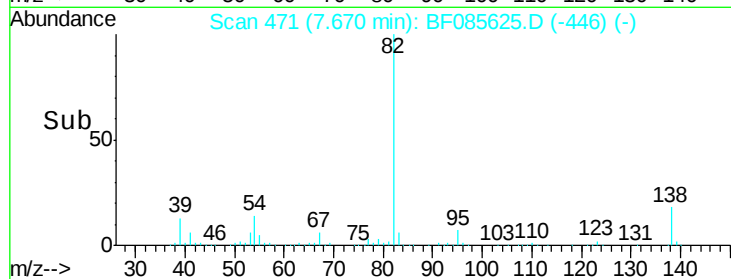
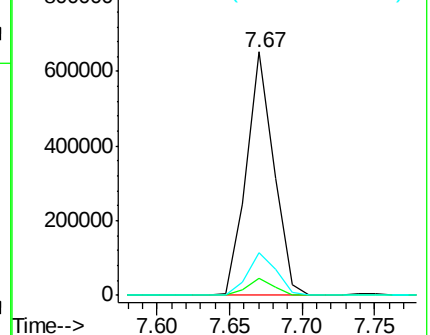
138 17.7 12.9 19.3



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: 50.62 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

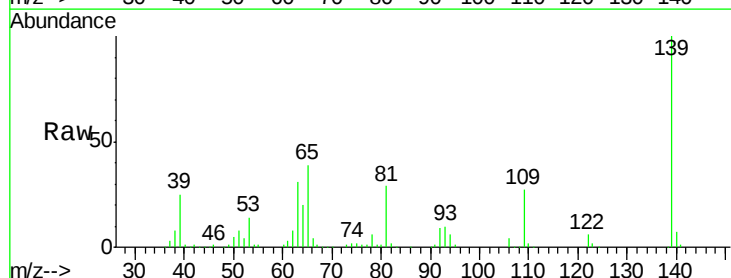
Tgt Ion: 139 Resp: 263567

Ion Ratio Lower Upper

139 100

109 27.0 22.1 33.1

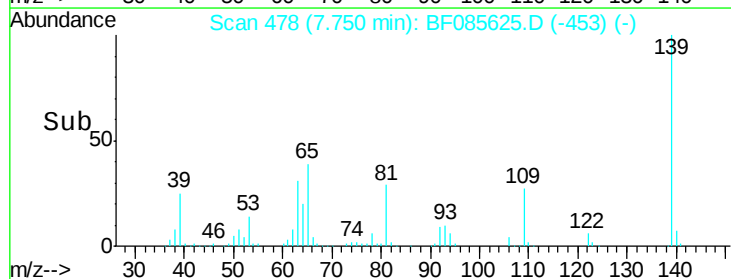
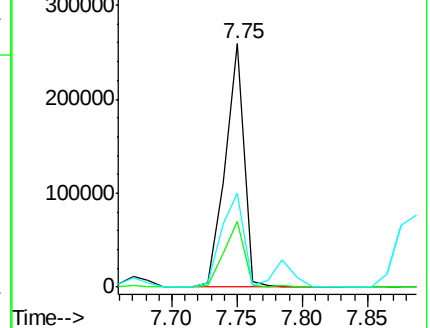
65 38.5 33.9 50.9

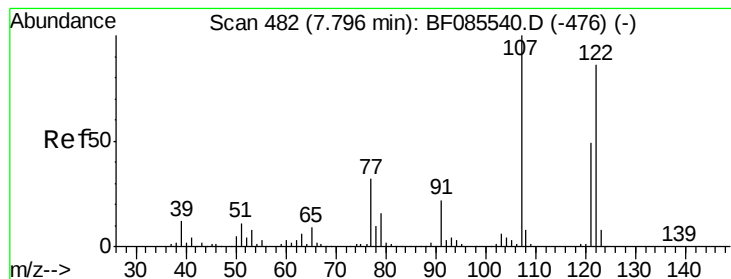


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.36 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

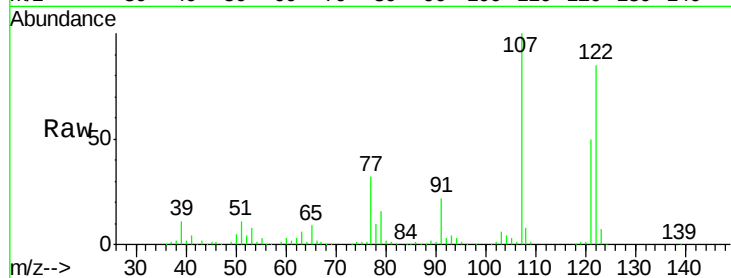
Tgt Ion:122 Resp: 371651

Ion Ratio Lower Upper

122 100

107 118.0 93.0 139.6

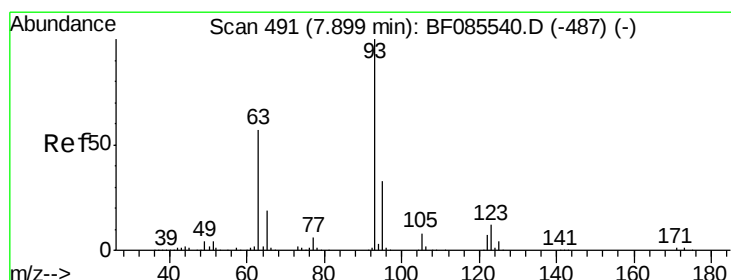
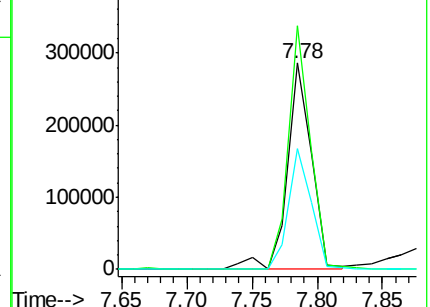
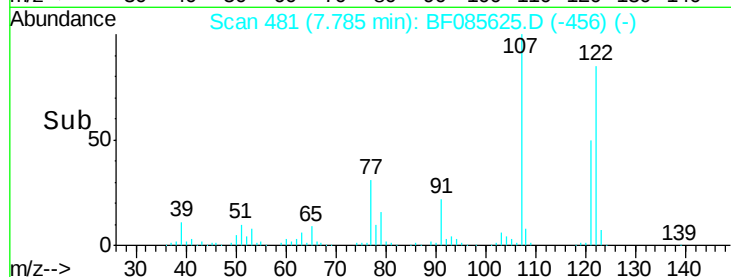
121 58.8 45.9 68.9



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: 49.23 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

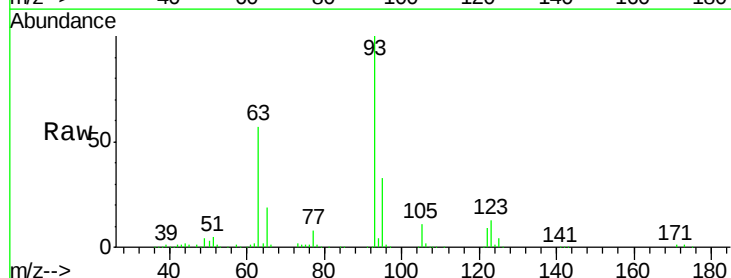
Tgt Ion: 93 Resp: 539622

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

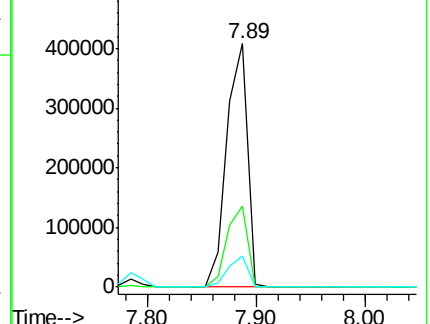
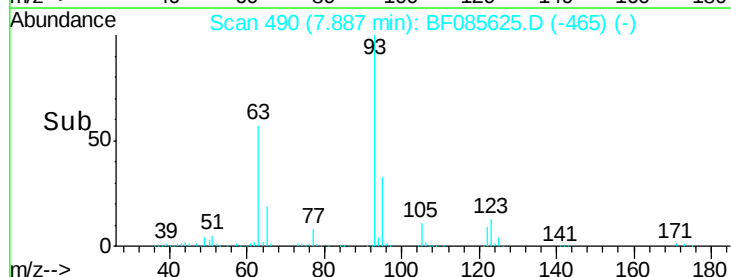
123 12.6 9.8 14.6

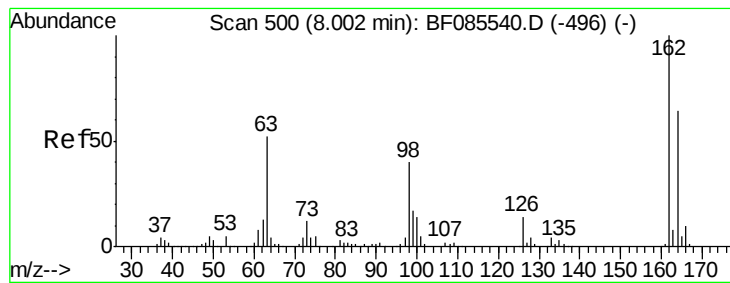


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

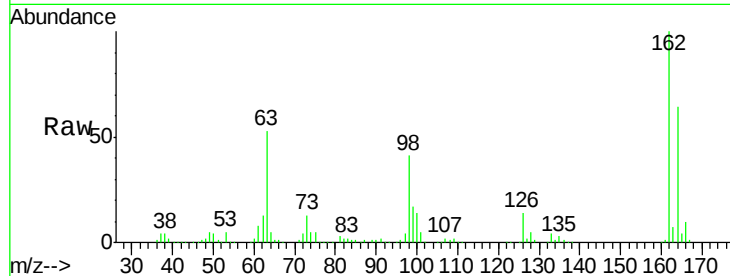




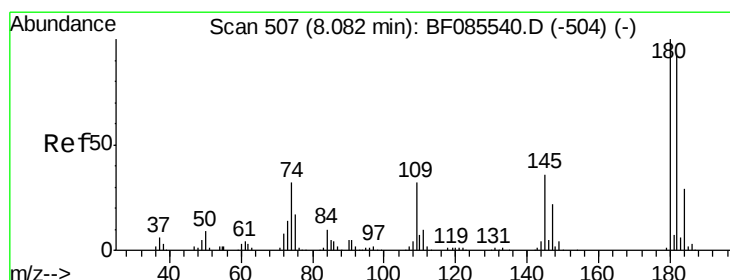
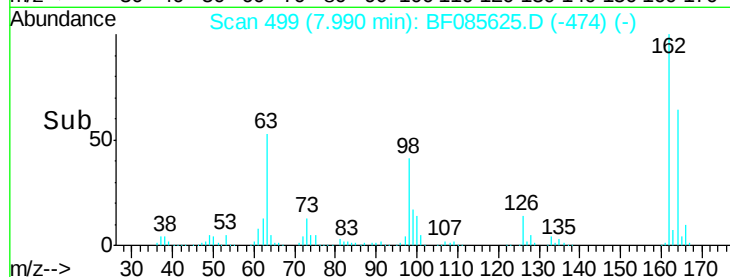
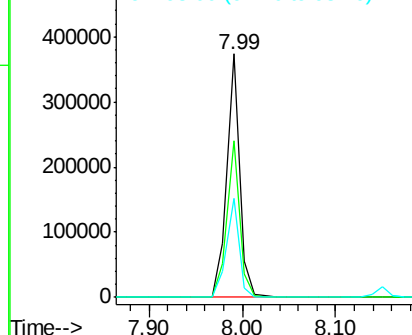
#29
 2,4-Dichlorophenol
 Concen: 47.16 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	40.5	20.4	60.4

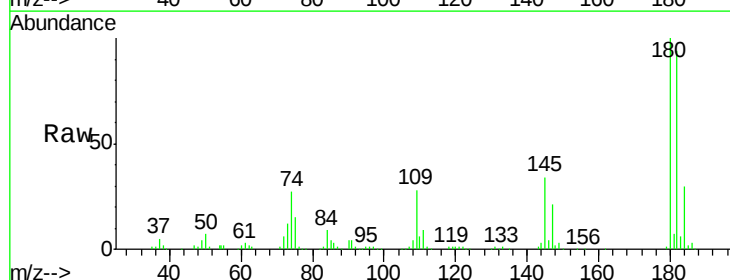


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

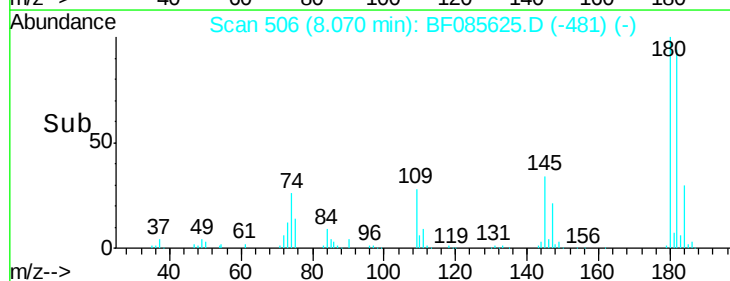
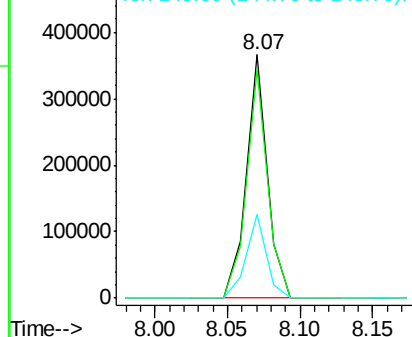


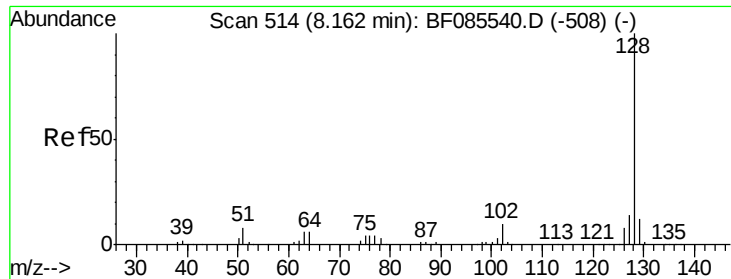
#30
 1,2,4-Trichlorobenzene
 Concen: 43.15 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	73.8	110.8
145	34.1	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

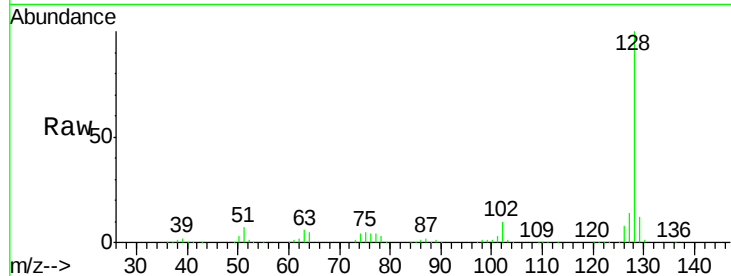




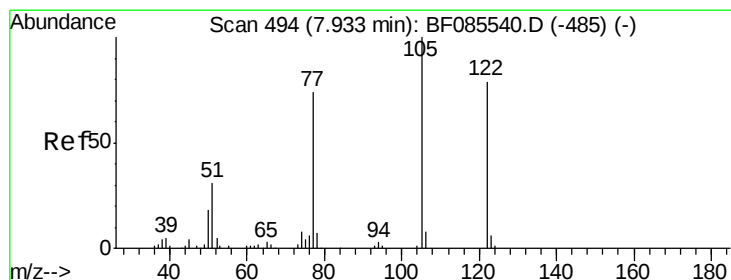
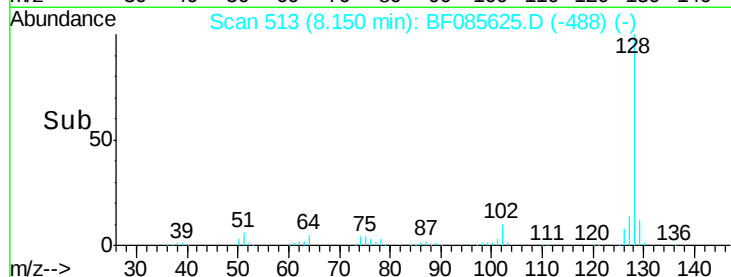
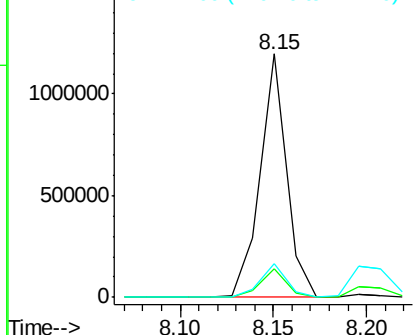
#31
Naphthalene
Concen: 41.58 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:128 Resp: 1172411
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6

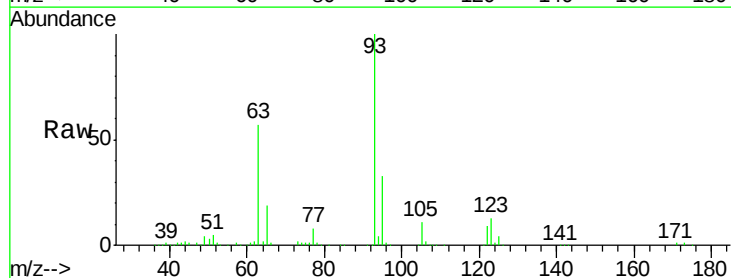


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

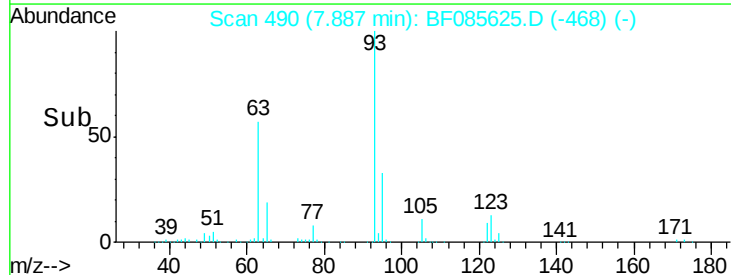
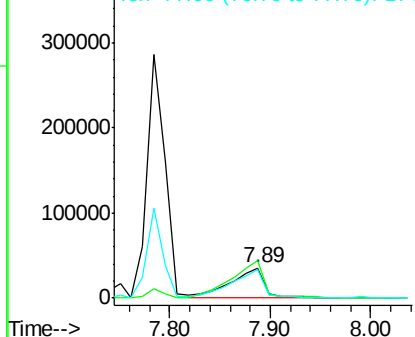


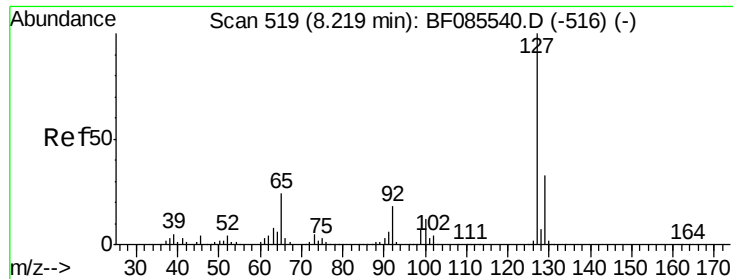
#32
Benzoic acid
Concen: 10.57 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:122 Resp: 81382
Ion Ratio Lower Upper
122 100
105 126.5 102.9 142.9
77 95.5 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

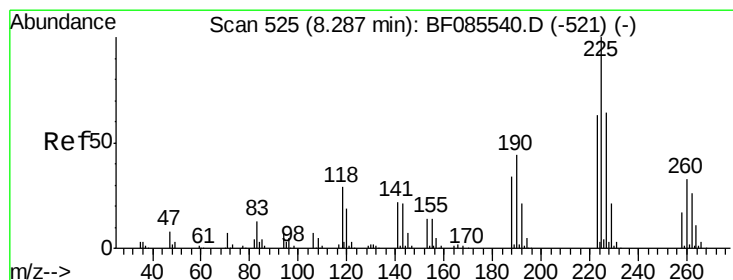
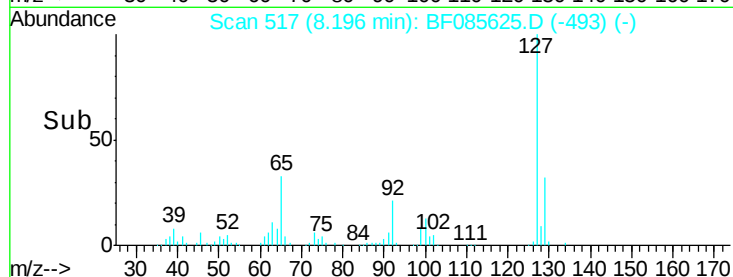
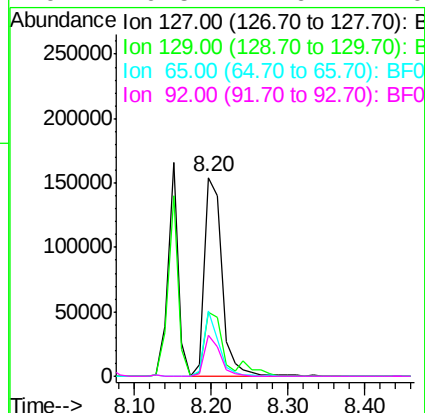
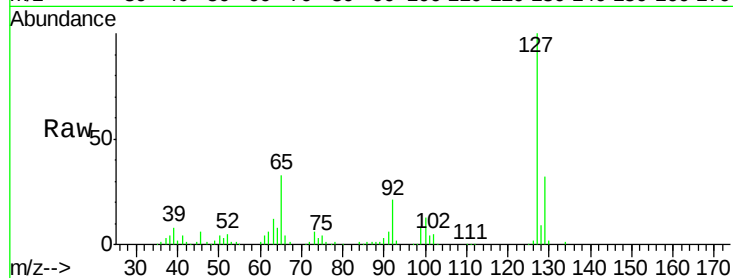




#33
4-Chloroaniline
Concen: 21.10 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

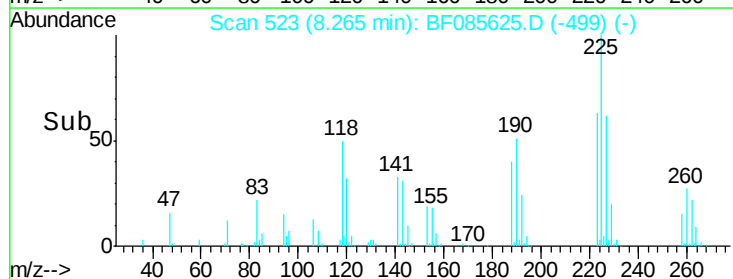
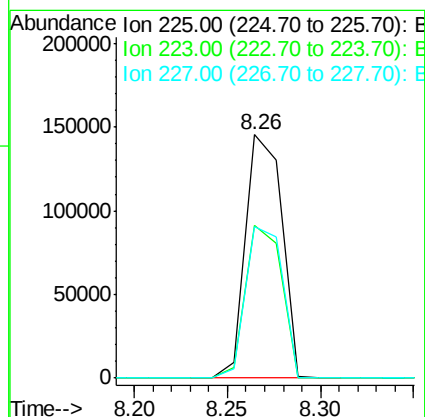
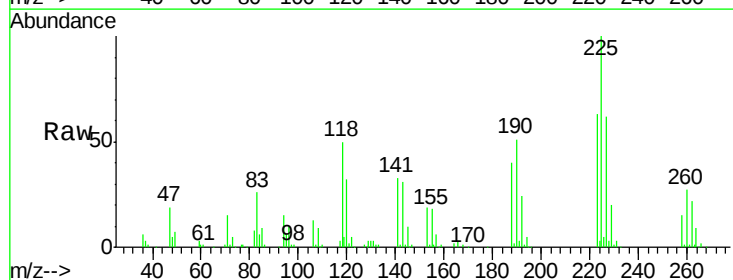
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

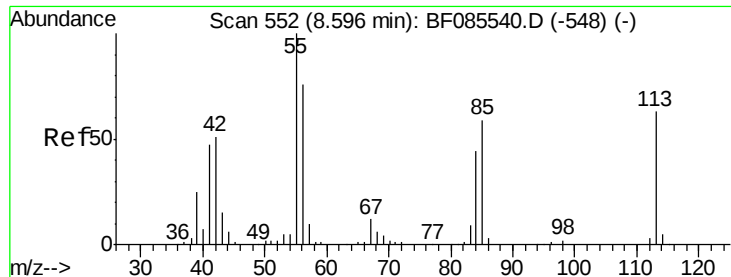
Tgt Ion:	127	Resp:	243854
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	33.1	19.5	29.3
92	20.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 43.17 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:	225	Resp:	195960
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.4	75.6
227	62.3	51.4	77.2





#35

Caprolactam

Concen: 28.17 ng

RT: 8.58 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

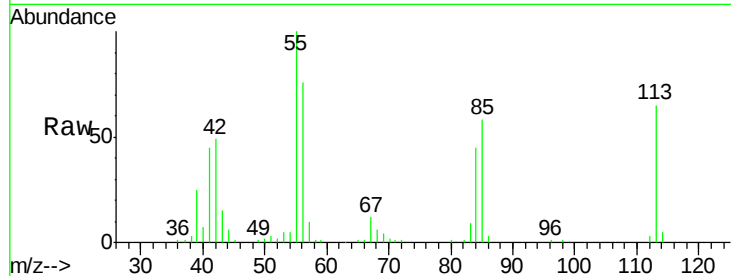
Tgt Ion:113 Resp: 73698

Ion Ratio Lower Upper

113 100

55 153.3 139.4 179.4

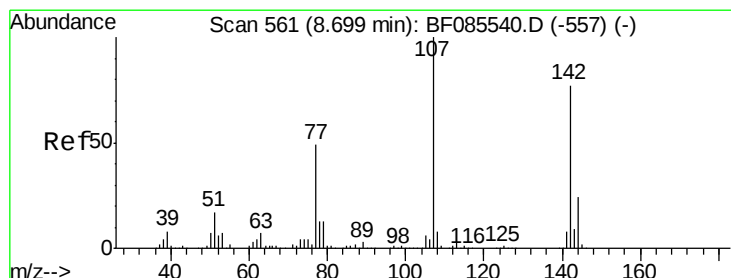
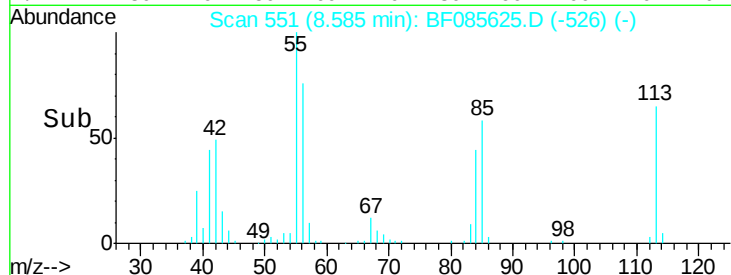
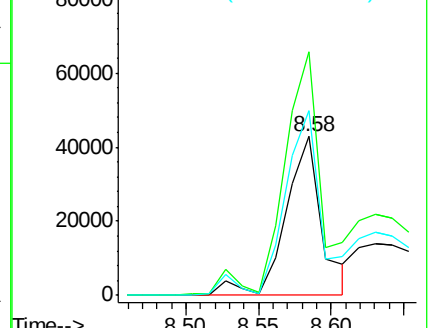
56 116.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.49 ng

RT: 8.69 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

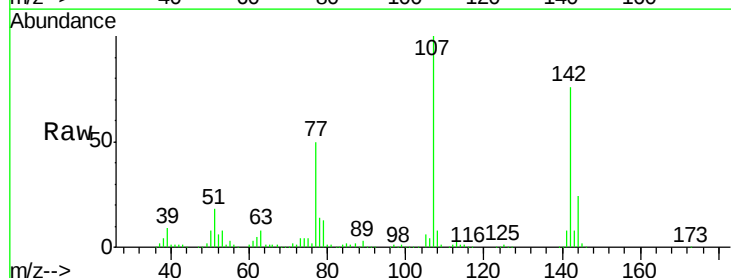
Tgt Ion:107 Resp: 395104

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

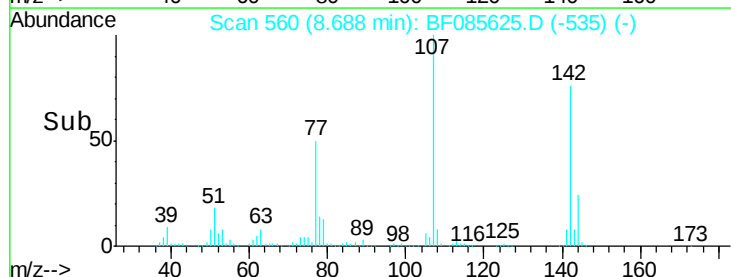
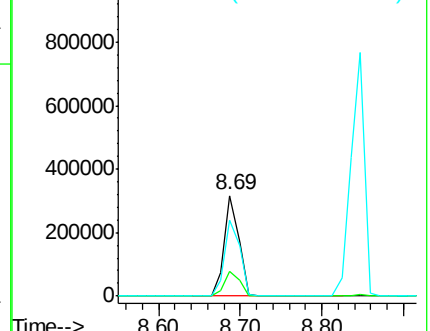
142 75.7 61.4 92.0

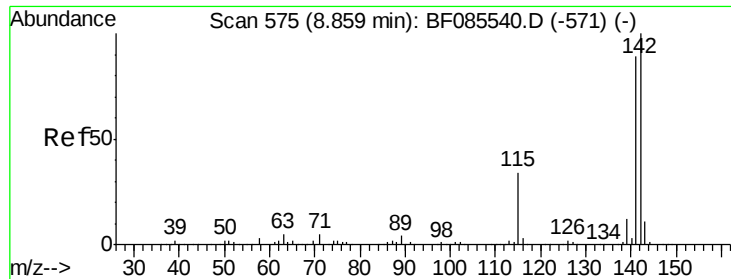


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

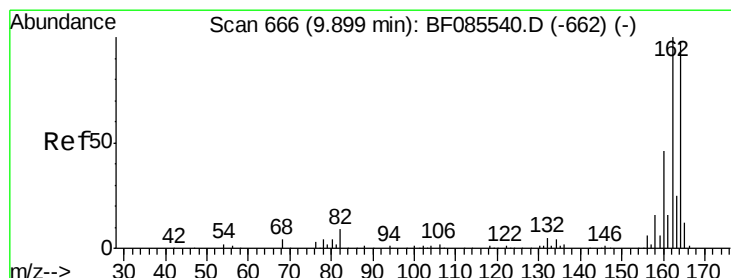
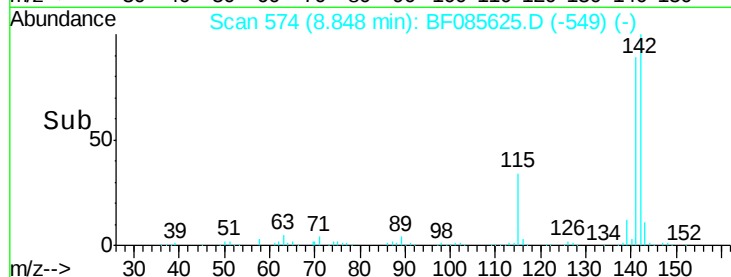
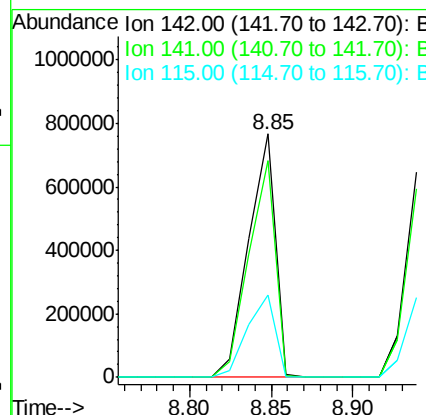
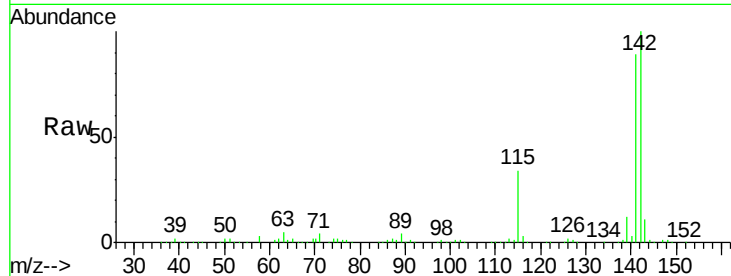




#37
 2-Methylnaphthalene
 Concen: 50.76 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

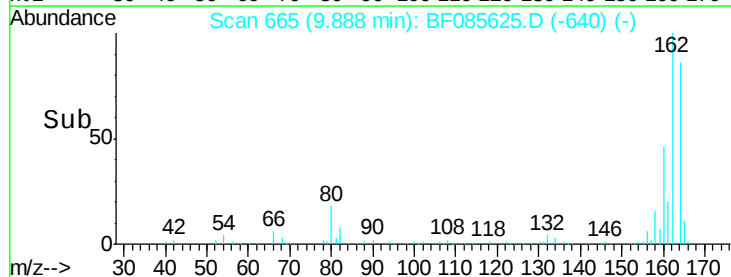
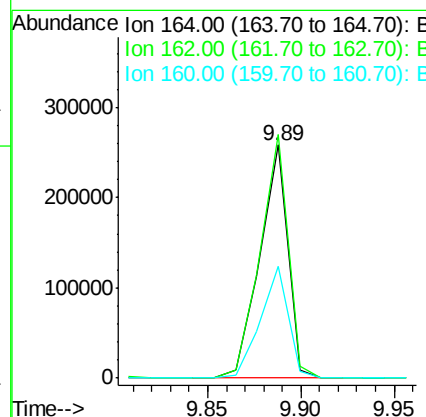
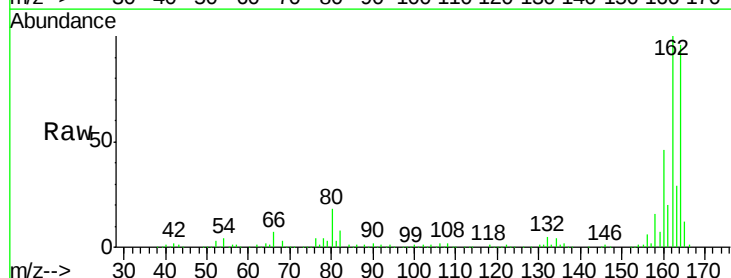
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

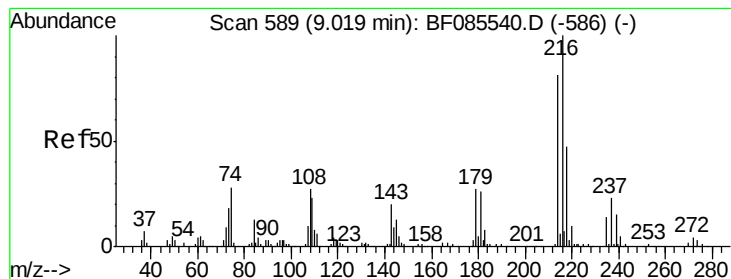
Tgt Ion:142 Resp: 872548
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.6 107.4
 115 33.6 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:164 Resp: 266648
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.1 123.1
 160 47.7 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.95 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

Tgt Ion:216 Resp: 315066

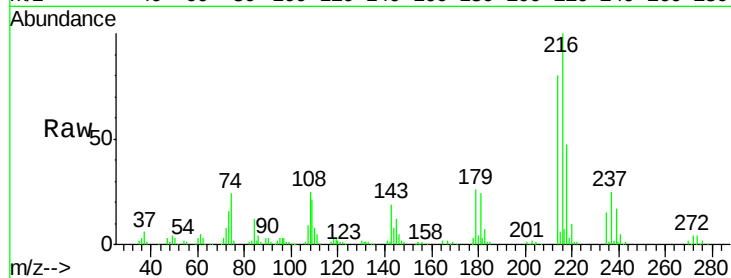
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 22.9 18.2 27.2

108 23.3 17.3 25.9

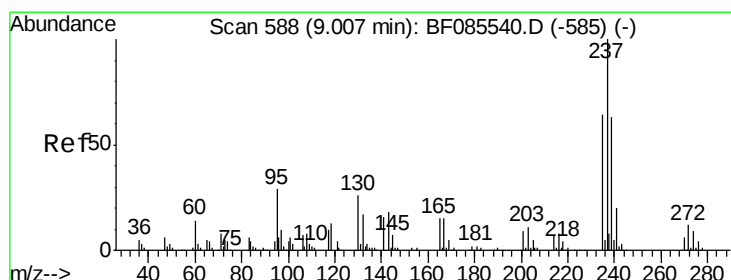
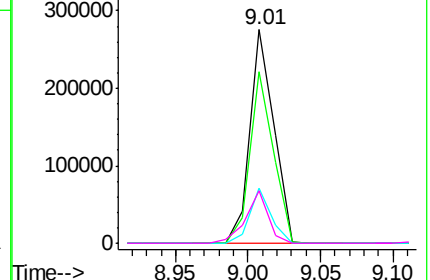
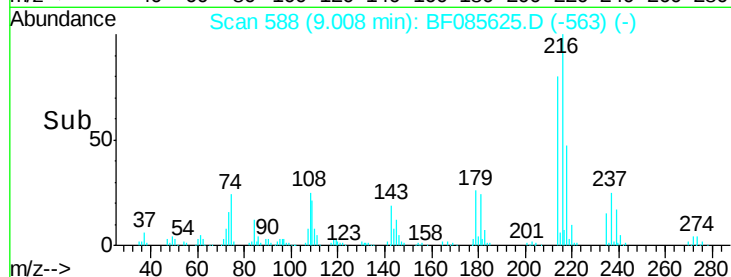


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.13 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

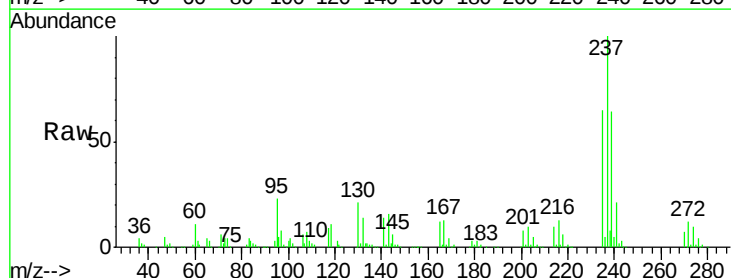
Tgt Ion:237 Resp: 324919

Ion Ratio Lower Upper

237 100

235 64.8 43.7 83.7

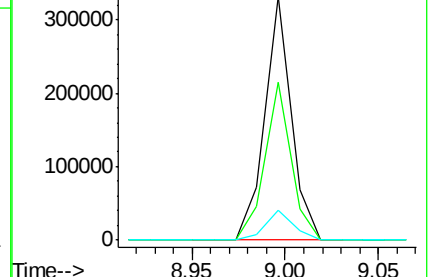
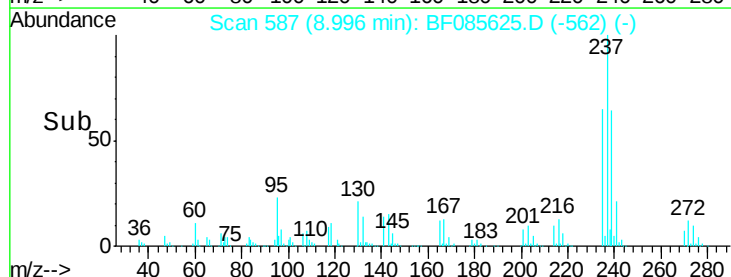
272 12.3 0.0 31.9

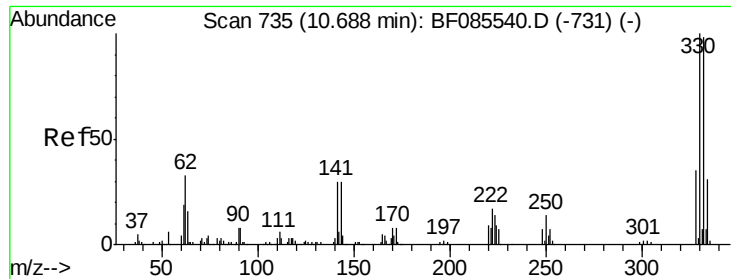


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

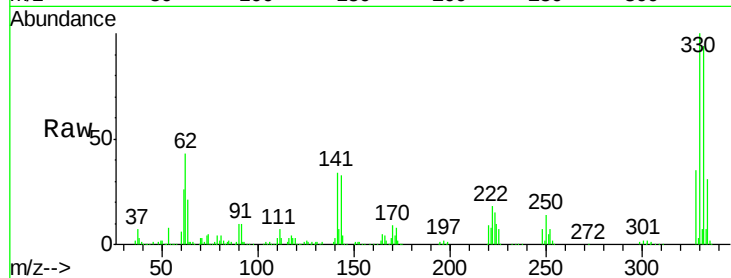




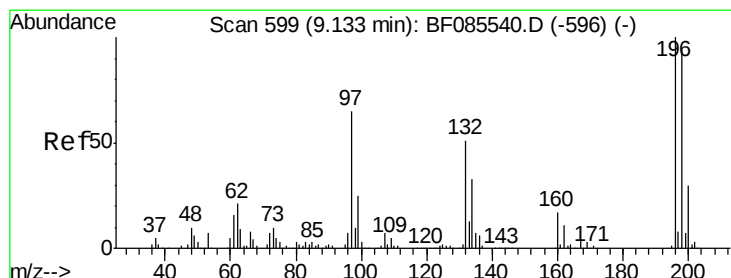
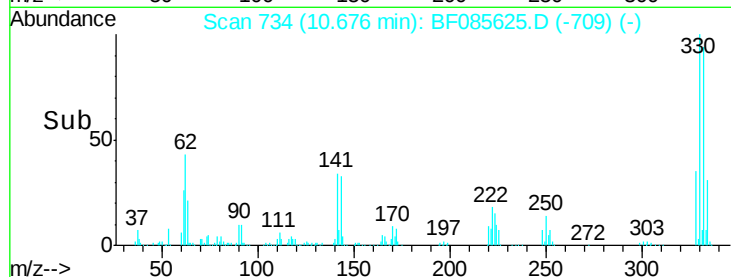
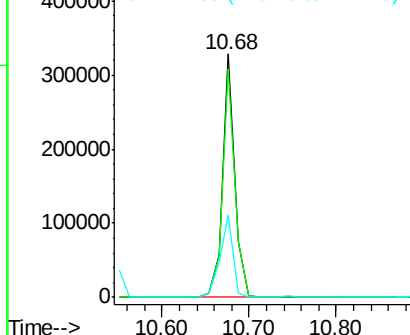
#41
 2,4,6-Tribromophenol
 Concen: 124.22 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion:330 Resp: 324463
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 36.9 31.5 47.3

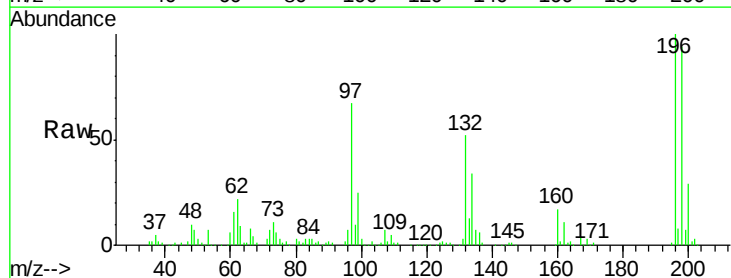


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

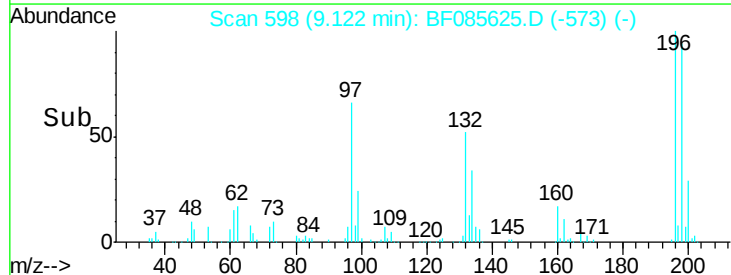
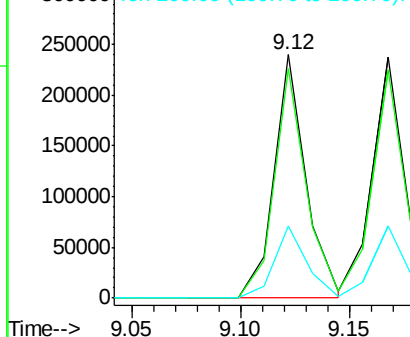


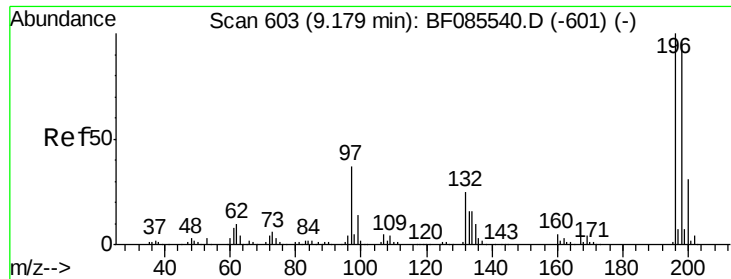
#42
 2,4,6-Trichlorophenol
 Concen: 44.54 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:196 Resp: 246609
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 200 29.4 23.7 35.5



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

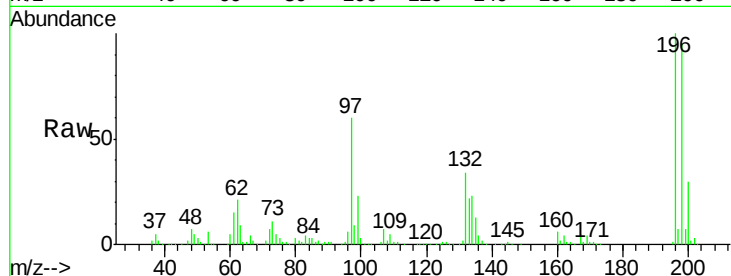




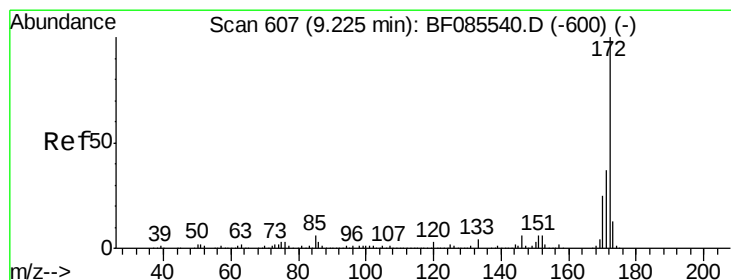
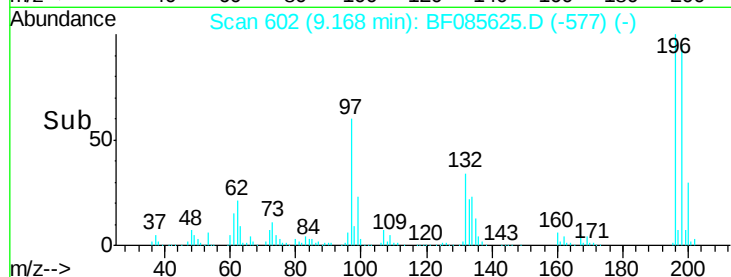
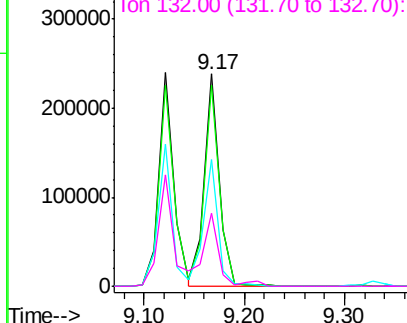
#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion:196 Resp: 248349
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 59.6 30.5 45.7#
 132 34.2 20.2 30.2#

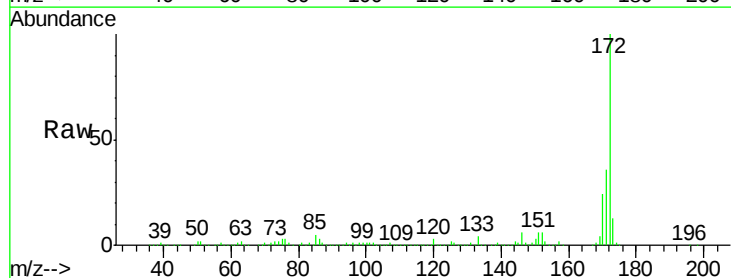


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

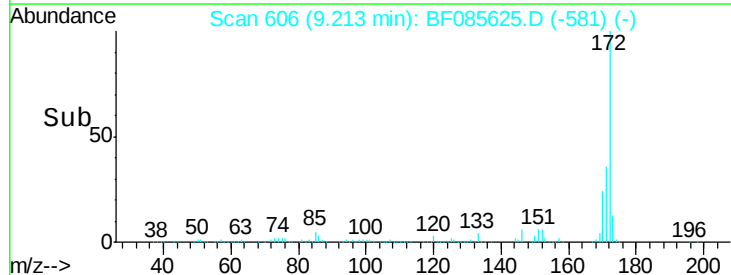
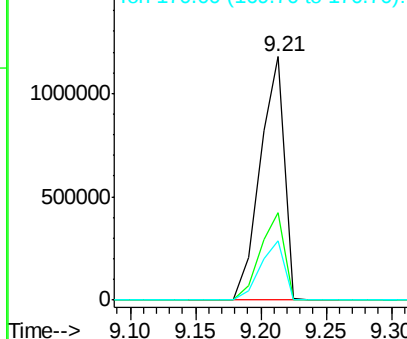


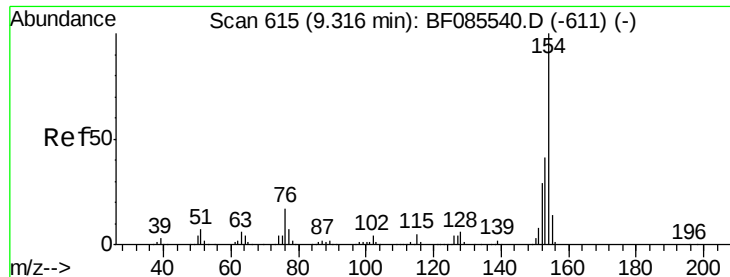
#44
 2-Fluorobiphenyl
 Concen: 102.31 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:172 Resp: 1518137
 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

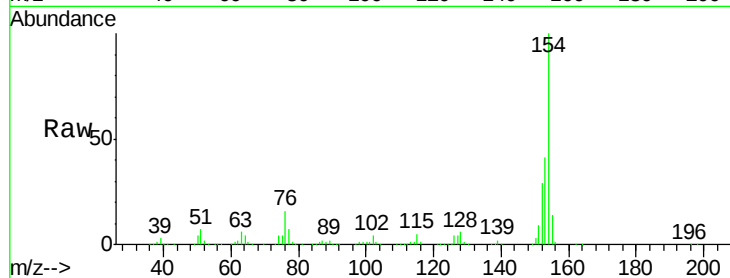




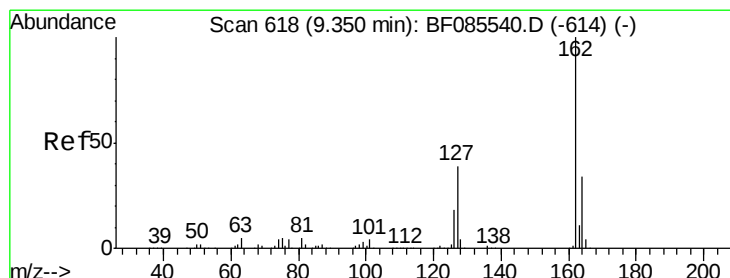
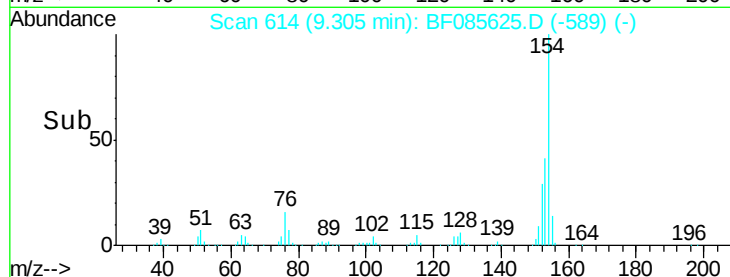
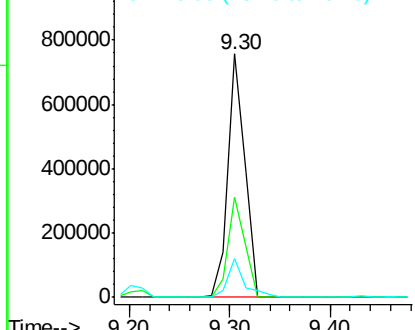
#45
1,1'-Biphenyl
Concen: 38.67 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:154 Resp: 889568
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 15.8 0.0 36.7

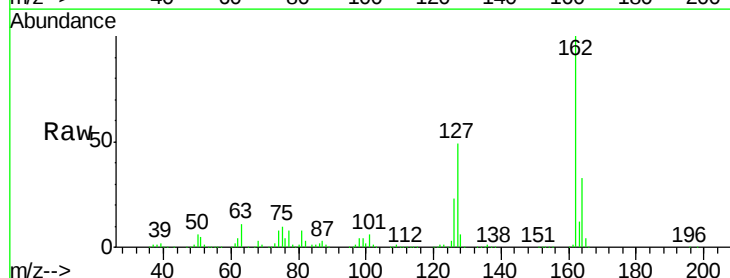


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

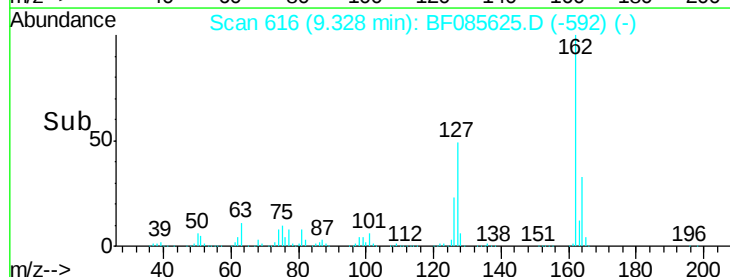
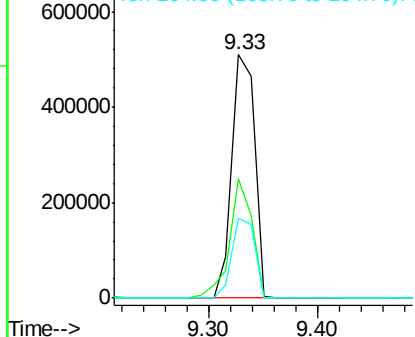


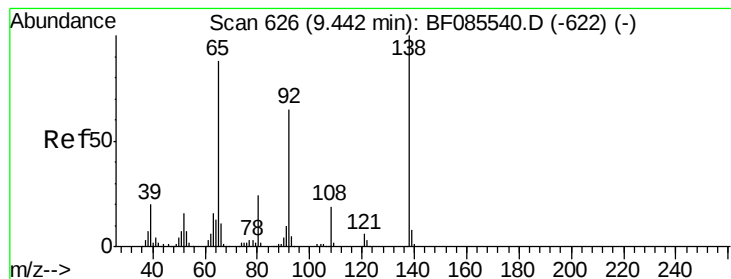
#46
2-Chloronaphthalene
Concen: 43.56 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:162 Resp: 731959
Ion Ratio Lower Upper
162 100
127 48.8 31.7 47.5#
164 32.8 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.26 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

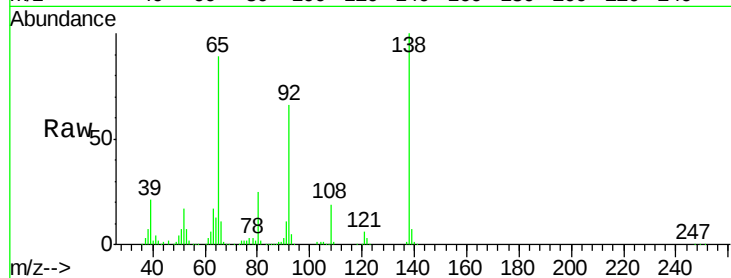
Tgt Ion: 65 Resp: 245307

Ion Ratio Lower Upper

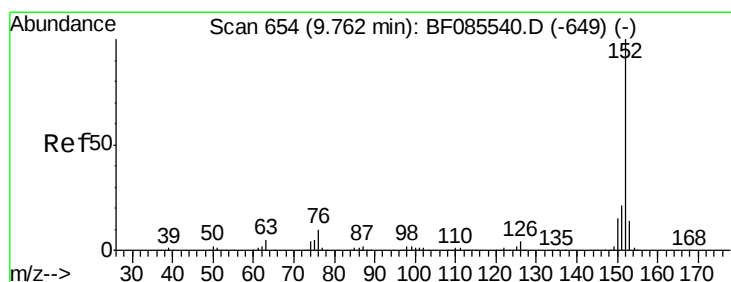
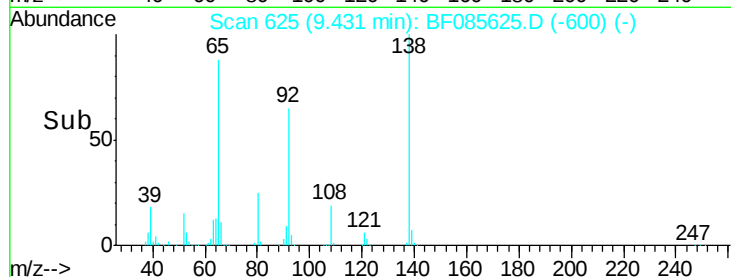
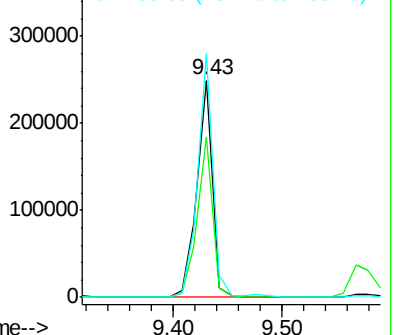
65 100

92 73.6 59.7 89.5

138 112.2 91.4 137.0



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



#48

Acenaphthylene

Concen: 43.88 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

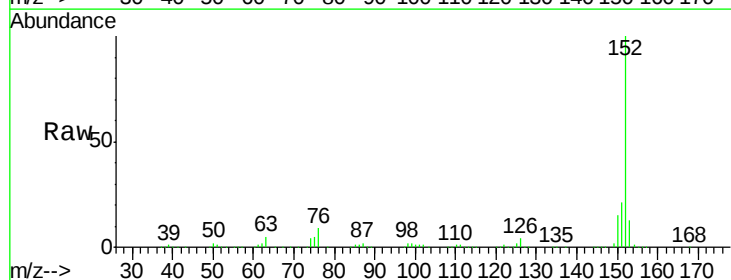
Tgt Ion: 152 Resp: 1193283

Ion Ratio Lower Upper

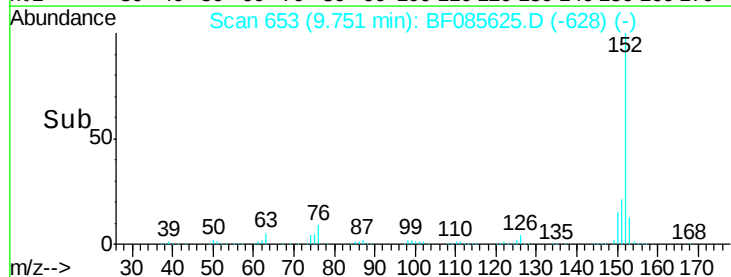
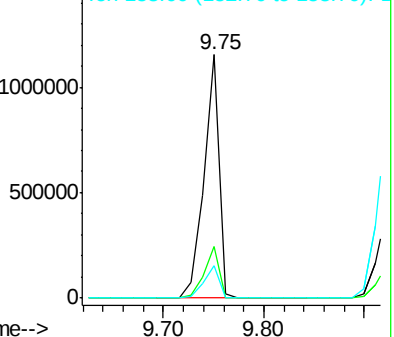
152 100

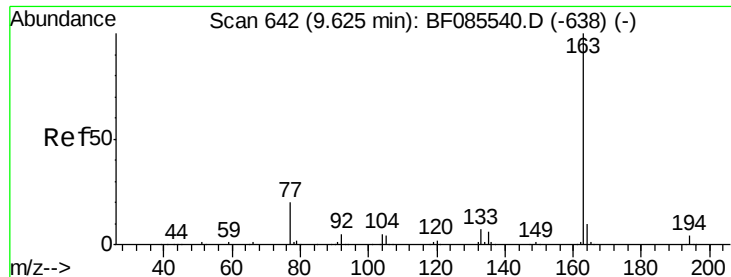
151 21.2 16.8 25.2

153 13.5 10.9 16.3



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

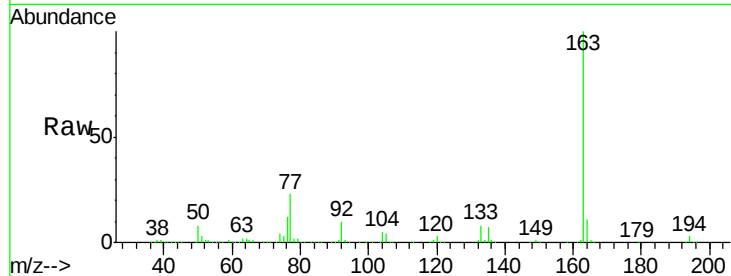




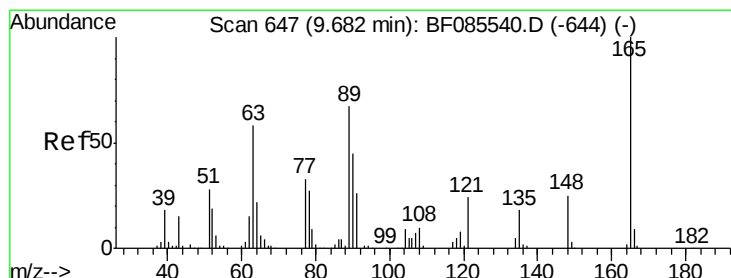
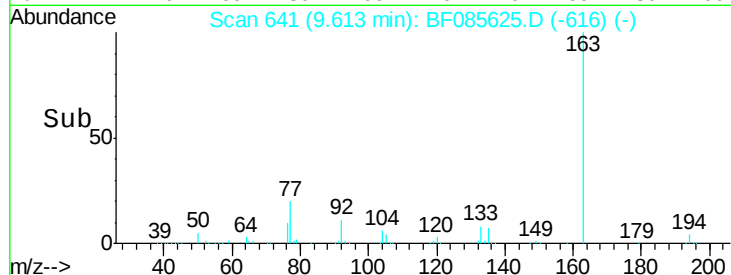
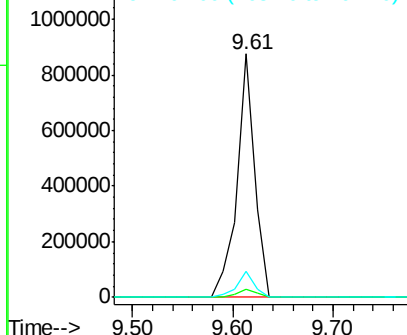
#49
Dimethylphthalate
Concen: 53.18 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:163 Resp: 1069973
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.7 8.3 12.5

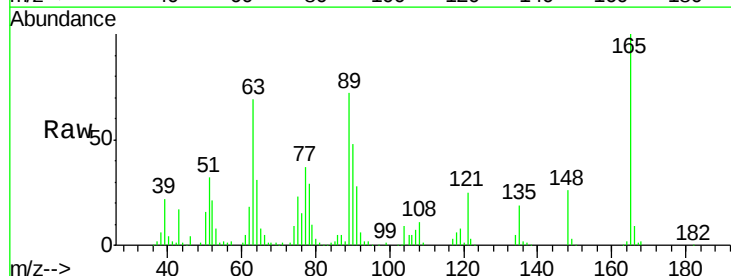


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

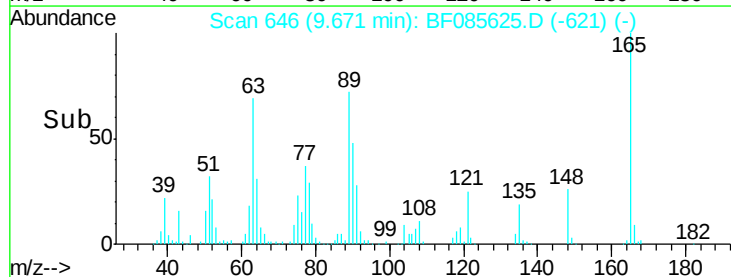
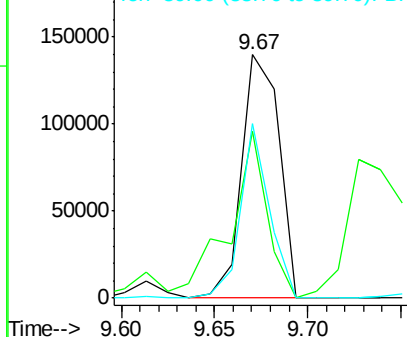


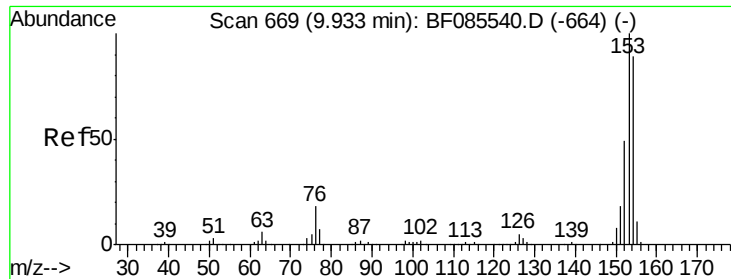
#50
2,6-Dinitrotoluene
Concen: 45.58 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:165 Resp: 193617
Ion Ratio Lower Upper
165 100
63 68.7 51.8 77.8
89 71.6 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: 44.86 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

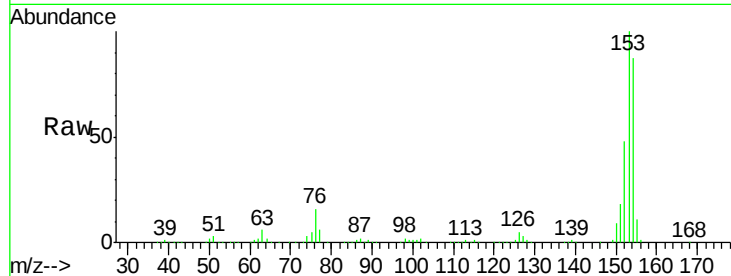
Tgt Ion:154 Resp: 765559

Ion Ratio Lower Upper

154 100

153 114.4 90.1 135.1

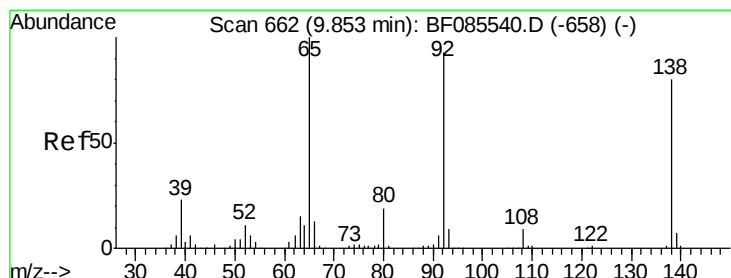
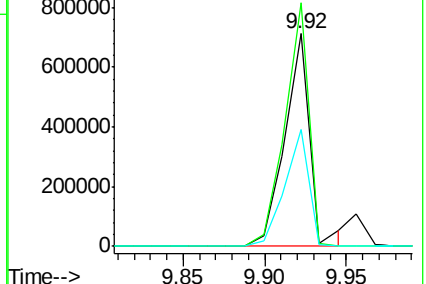
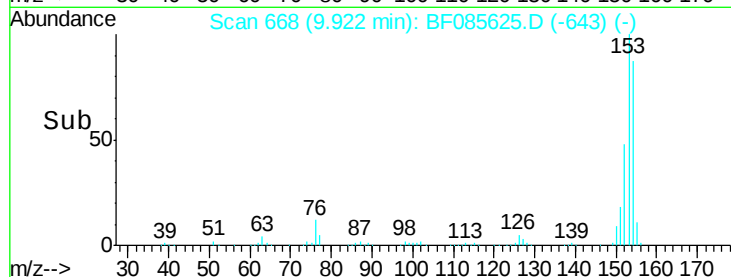
152 55.0 44.2 66.2



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: 30.83 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

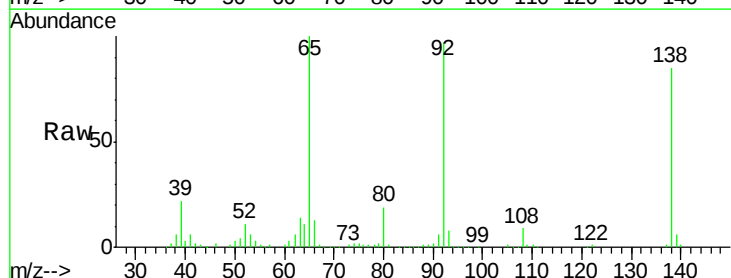
Tgt Ion:138 Resp: 164035

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

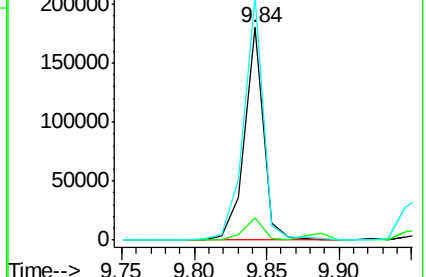
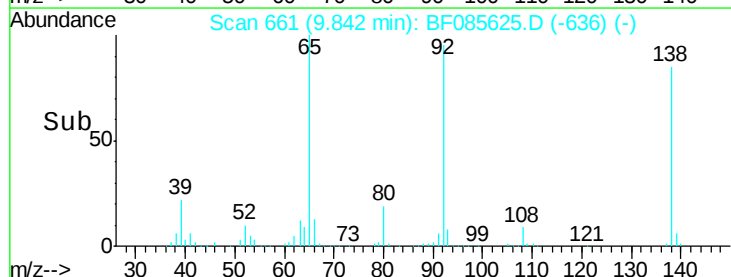
92 114.5 93.3 139.9

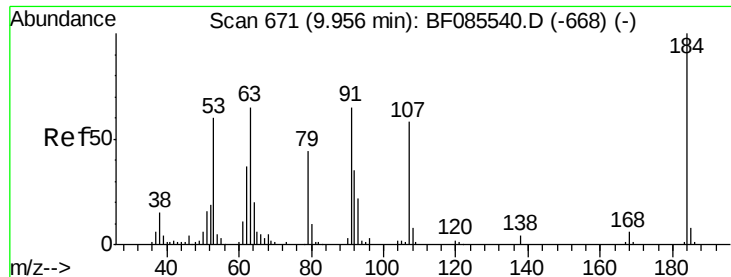


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

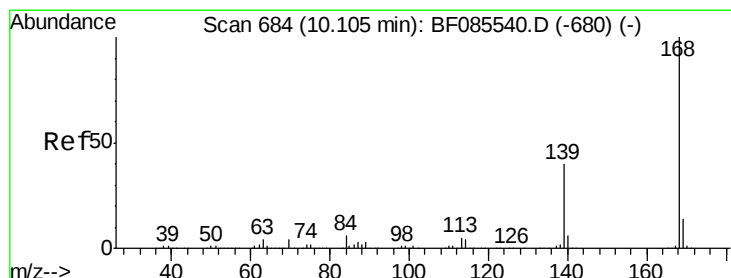
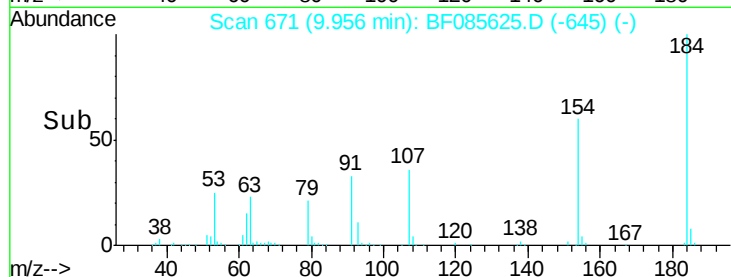
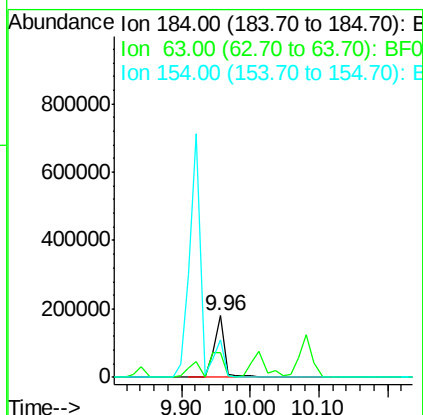
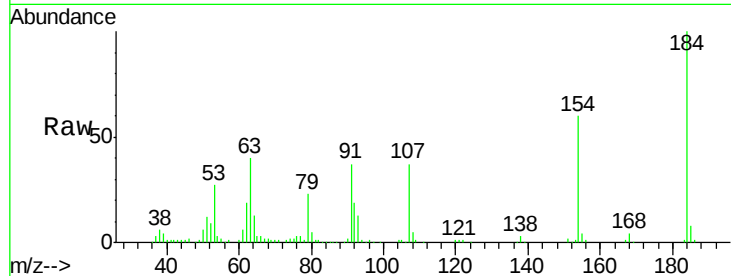




#53
 2,4-Dinitrophenol
 Concen: 73.85 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

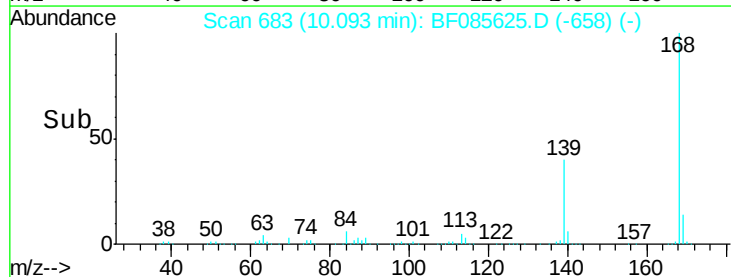
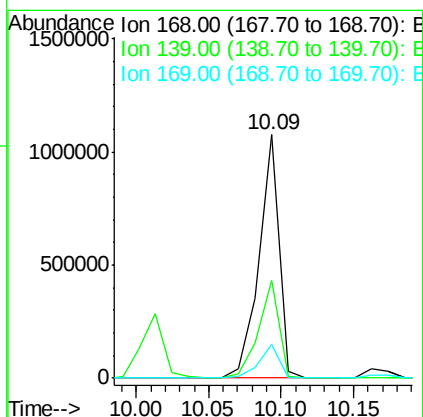
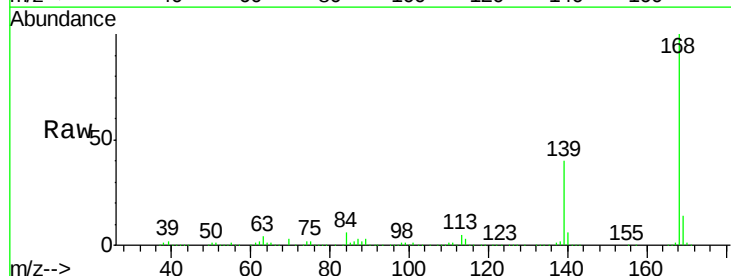
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

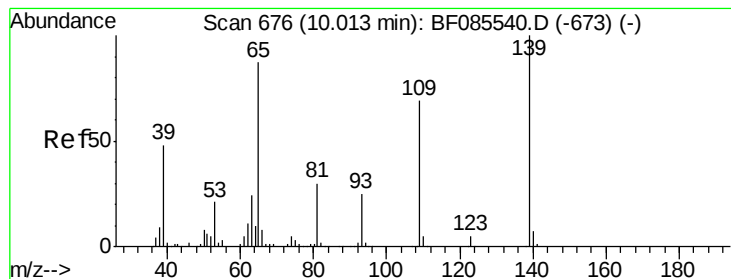
Tgt Ion:184 Resp: 192171
 Ion Ratio Lower Upper
 184 100
 63 40.2 69.5 104.3#
 154 60.0 58.3 87.5



#54
 Dibenzofuran
 Concen: 49.60 ng
 RT: 10.09 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:168 Resp: 1030681
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.9 47.9
 169 13.6 11.0 16.6





#55

4-Nitrophenol

Concen: 75.58 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

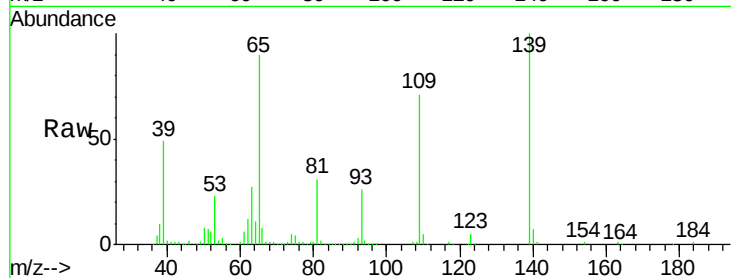
Tgt Ion:139 Resp: 310782

Ion Ratio Lower Upper

139 100

109 71.0 49.2 89.2

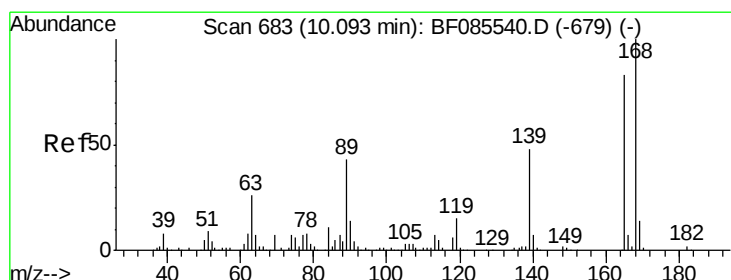
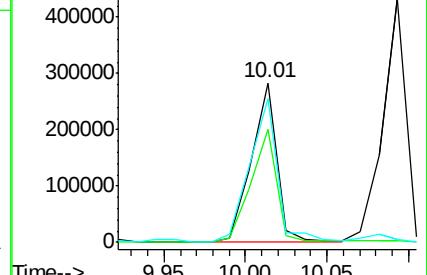
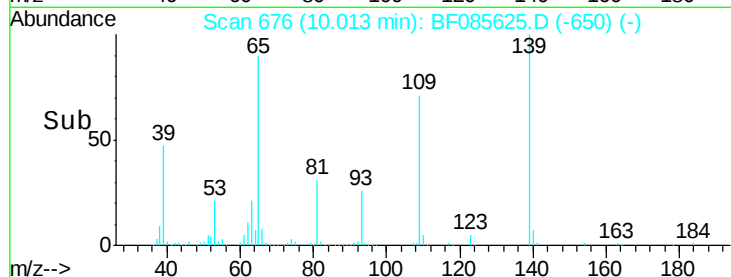
65 90.5 66.9 106.9



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): E



#56

2,4-Dinitrotoluene

Concen: 48.93 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Tgt Ion:165 Resp: 272151

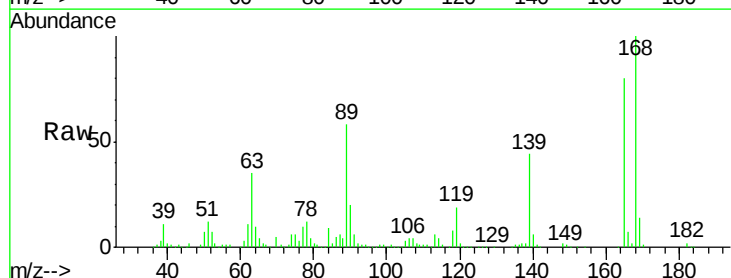
Ion Ratio Lower Upper

165 100

63 43.4 24.9 37.3#

89 72.1 41.0 61.6#

182 2.4 2.1 3.1

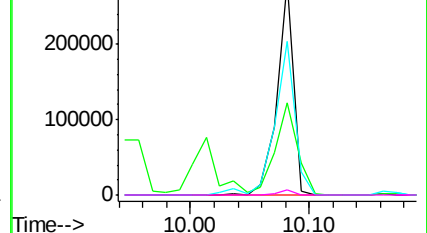
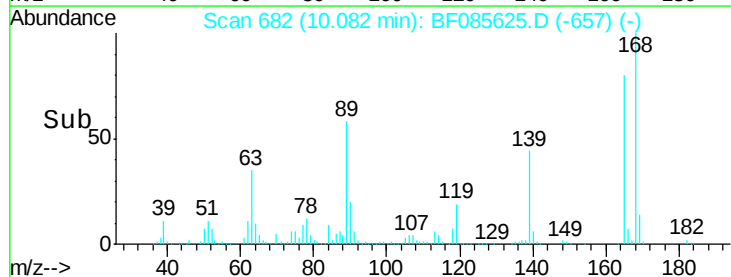


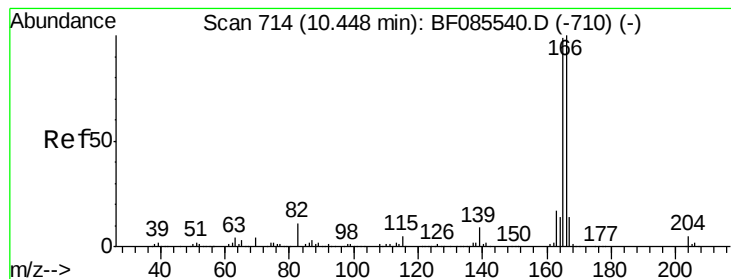
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.28 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

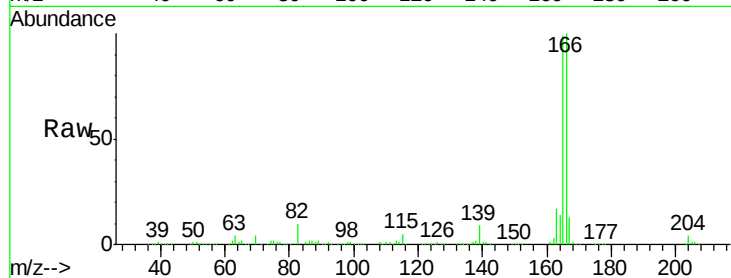
Tgt Ion:166 Resp: 801455

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

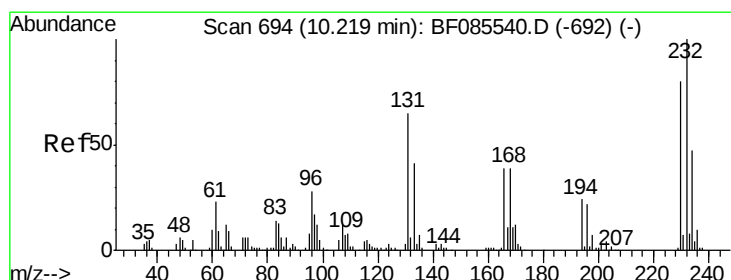
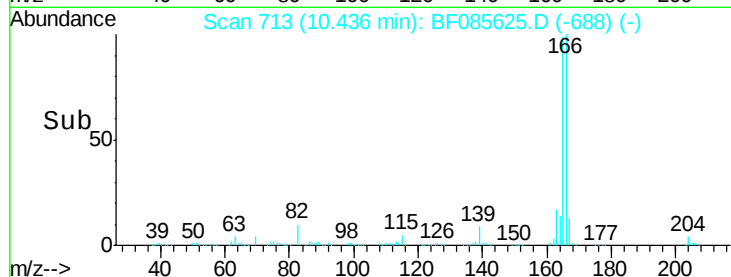
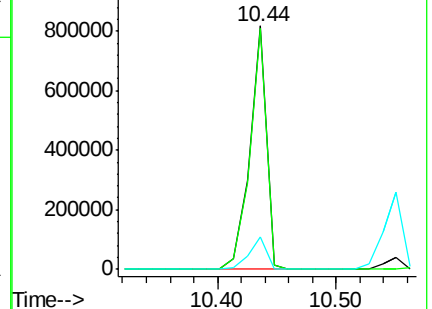
167 13.5 11.0 16.4



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: 46.88 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Tgt Ion:232 Resp: 190208

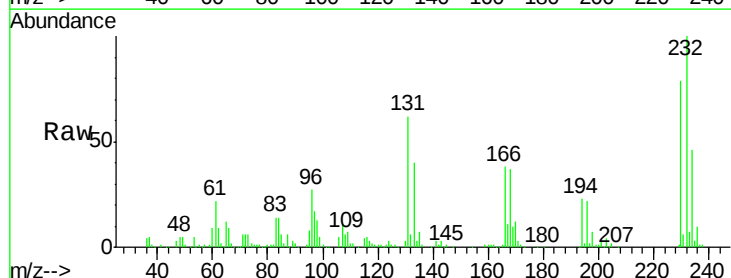
Ion Ratio Lower Upper

232 100

131 54.1 44.9 67.3

130 2.7 2.3 3.5

166 33.9 28.1 42.1

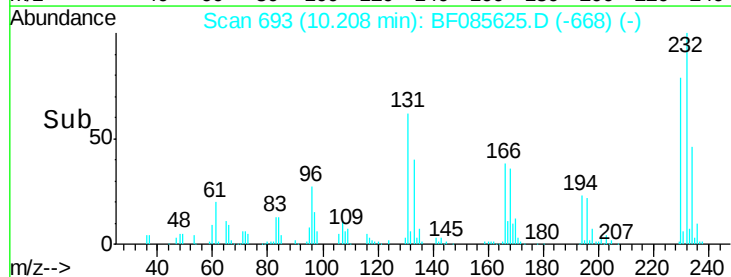
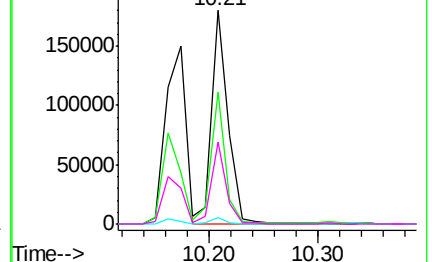


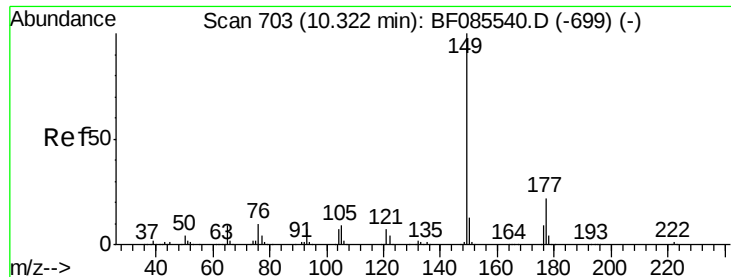
Abundance Ion 232.00 (231.70 to 232.70): E

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

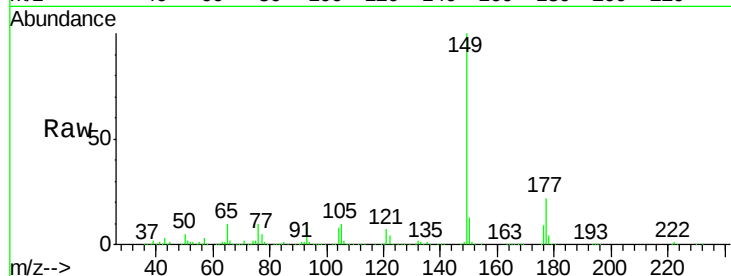




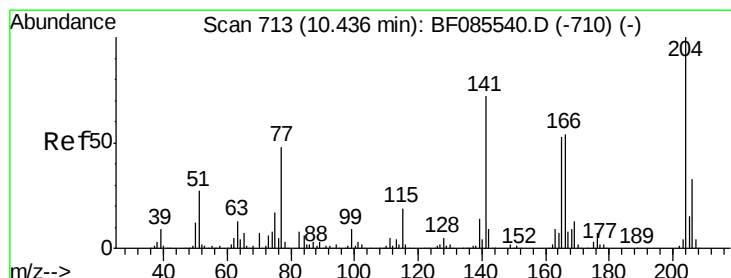
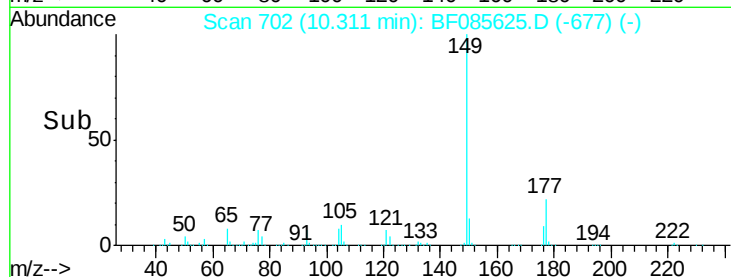
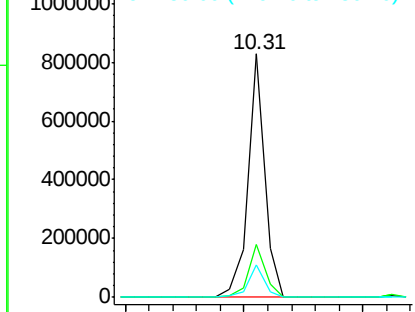
#59
Diethylphthalate
Concen: 40.88 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:149 Resp: 817726
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 13.1 10.2 15.2

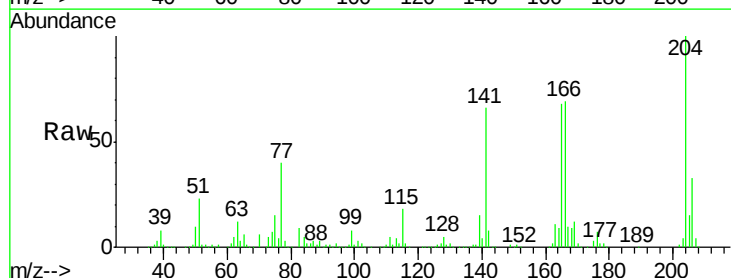


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

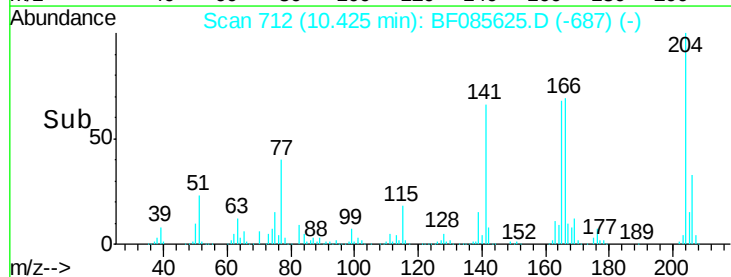
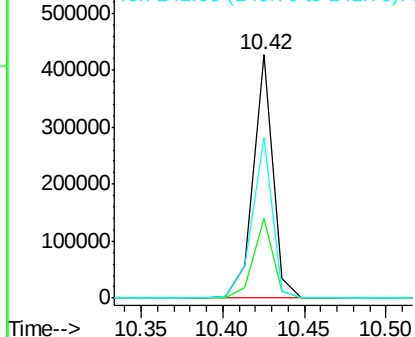


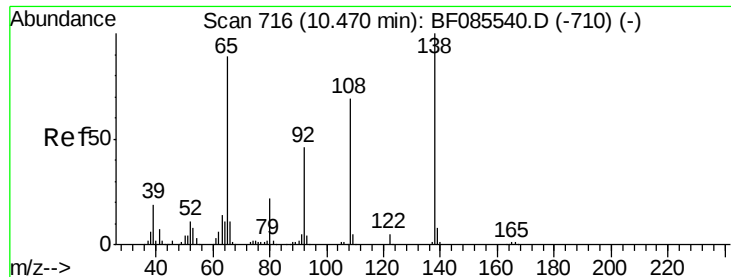
#60
4-Chlorophenyl-phenylether
Concen: 42.16 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:204 Resp: 356530
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 65.7 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: 39.35 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

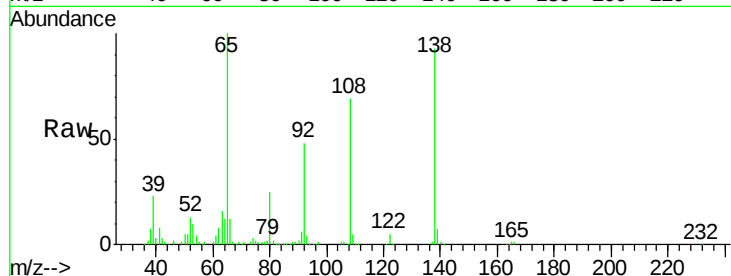
Tgt Ion:138 Resp: 206389

Ion Ratio Lower Upper

138 100

92 52.2 26.4 66.4

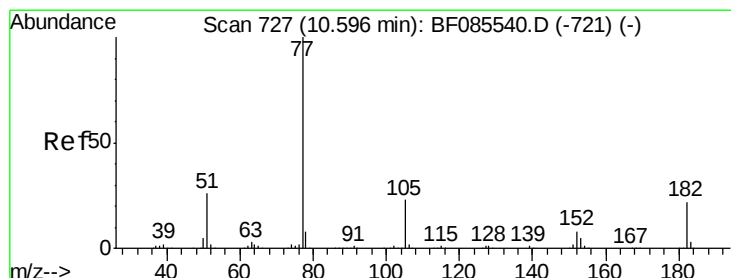
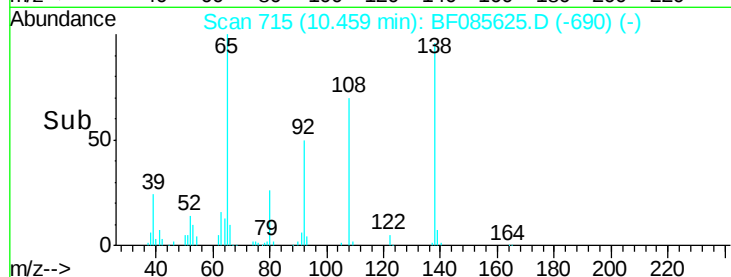
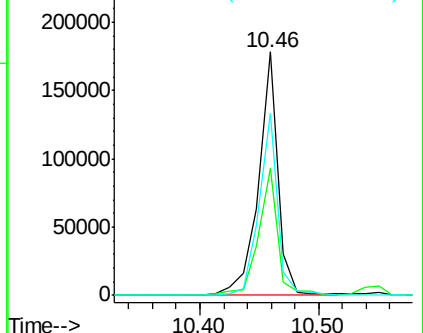
108 74.6 49.0 89.0



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



#62

Azobenzene

Concen: 46.68 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Tgt Ion: 77 Resp: 896191

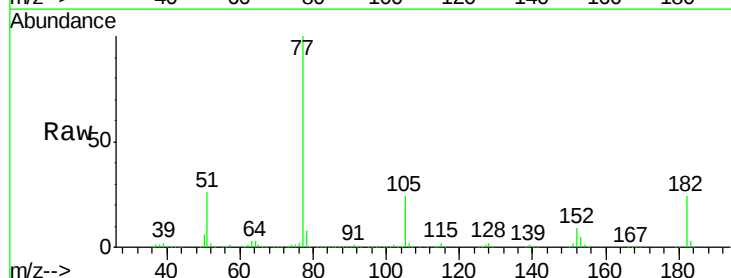
Ion Ratio Lower Upper

77 100

182 23.5 1.9 41.9

105 24.1 3.5 43.5

51 26.5 6.3 46.3

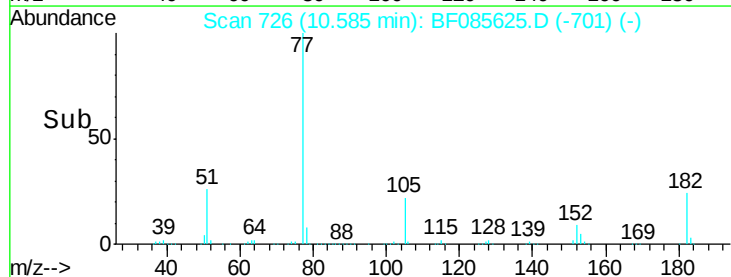
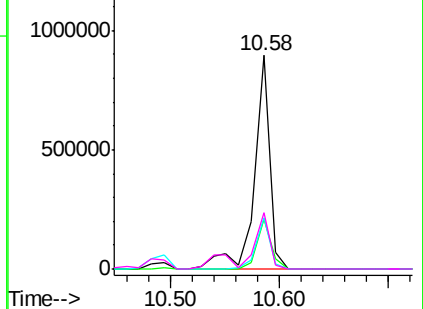


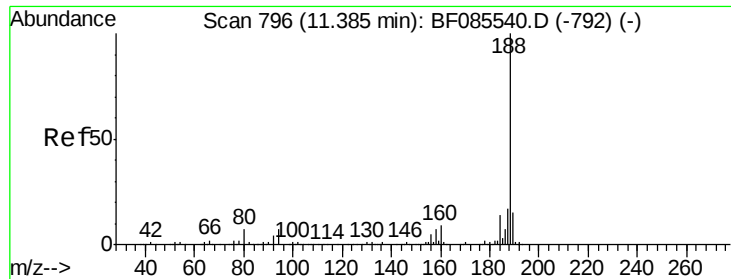
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

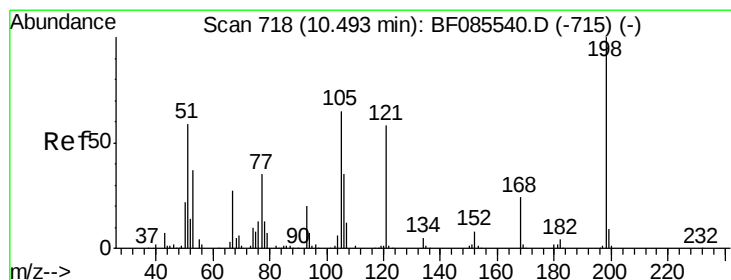
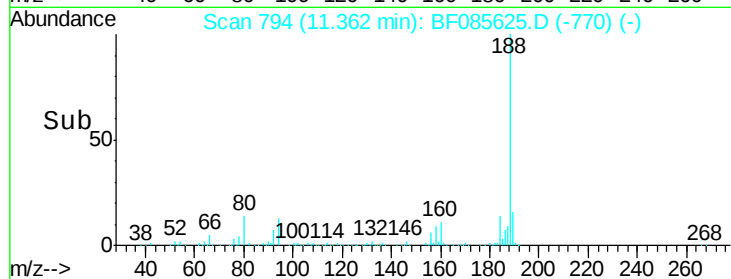
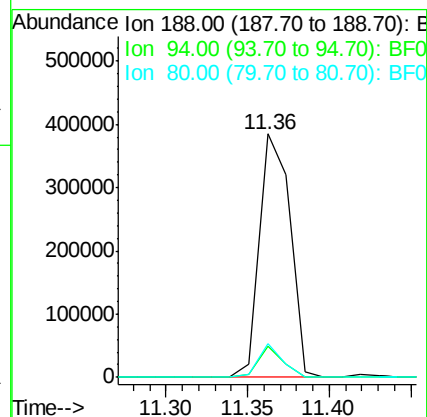
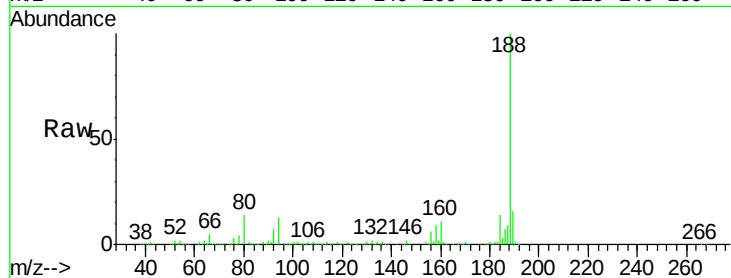




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

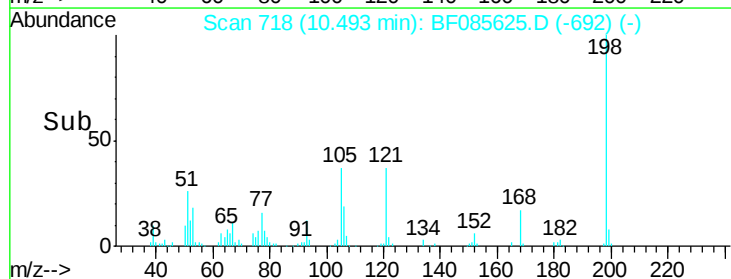
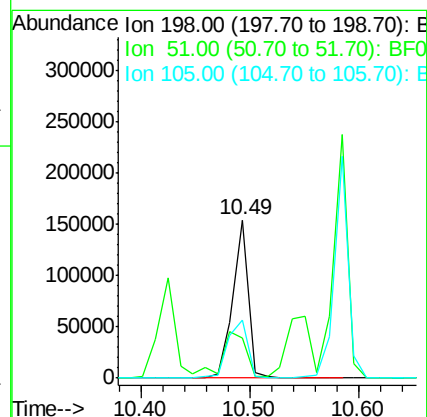
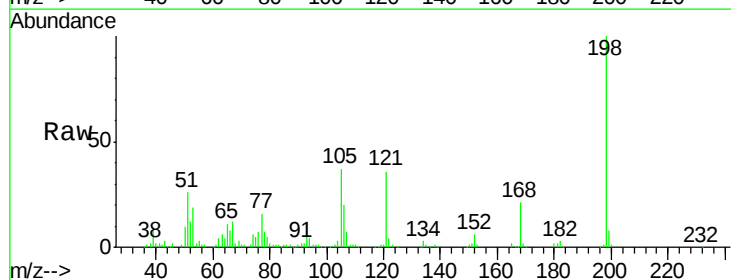
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

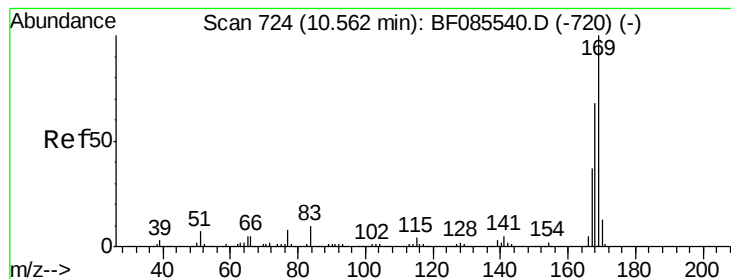
Tgt Ion:188 Resp: 505835
Ion Ratio Lower Upper
188 100
94 12.8 5.4 8.0#
80 13.8 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.93 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:198 Resp: 151919
Ion Ratio Lower Upper
198 100
51 25.7 45.4 85.4#
105 36.9 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 47.56 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

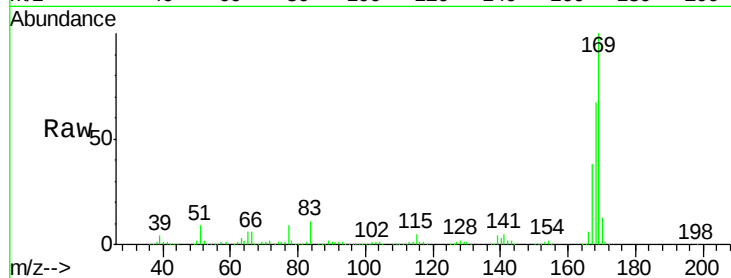
Tgt Ion:169 Resp: 749339

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

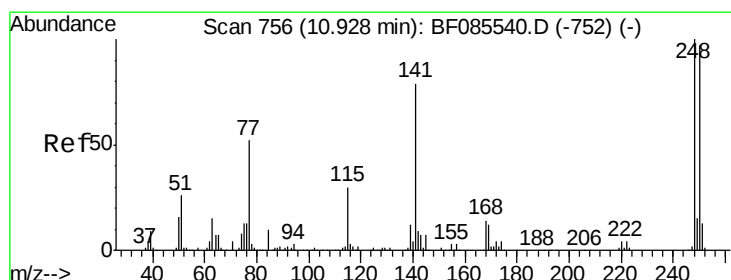
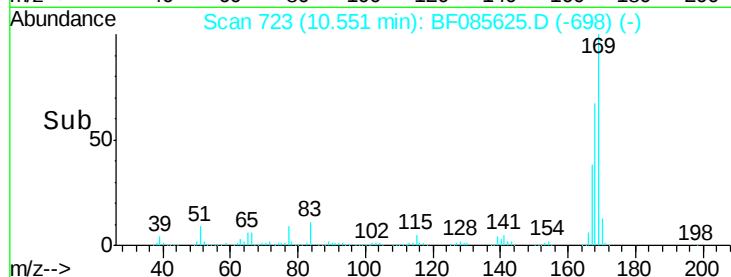
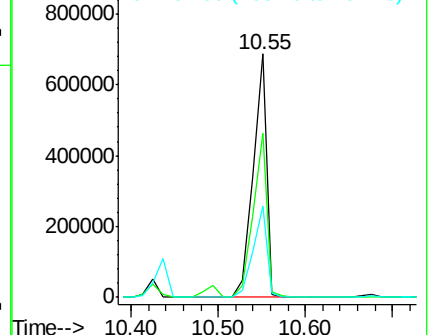
167 37.7 29.4 44.0



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: 48.70 ng

RT: 10.92 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

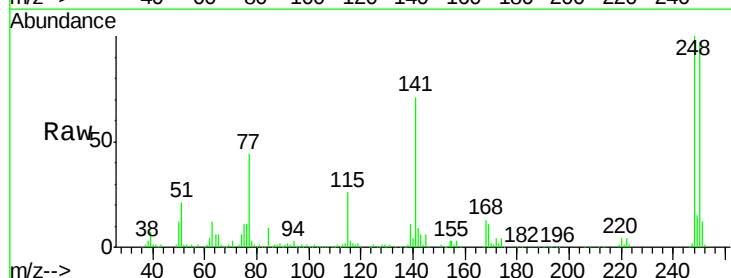
Tgt Ion:248 Resp: 246114

Ion Ratio Lower Upper

248 100

250 96.6 77.4 116.0

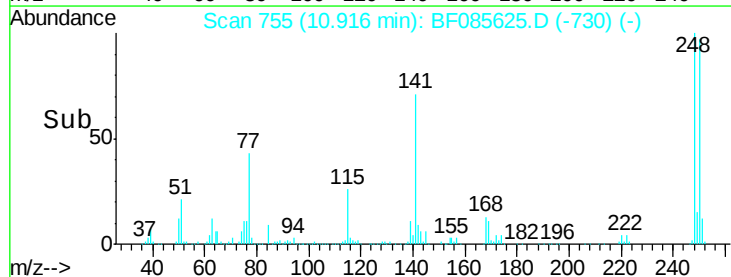
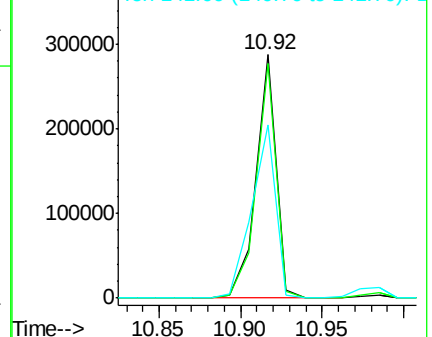
141 71.2 63.6 95.4

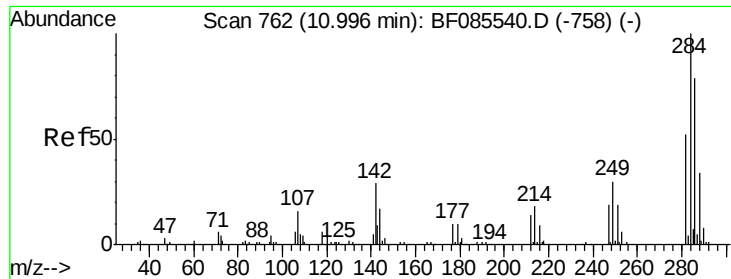


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

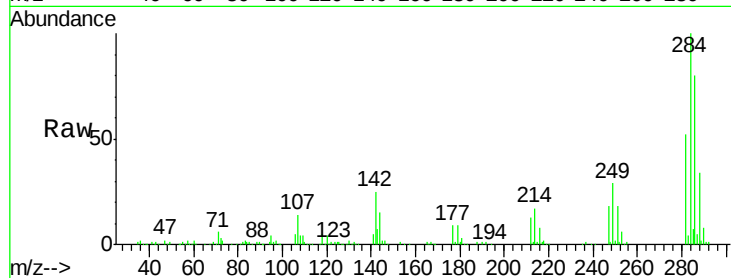




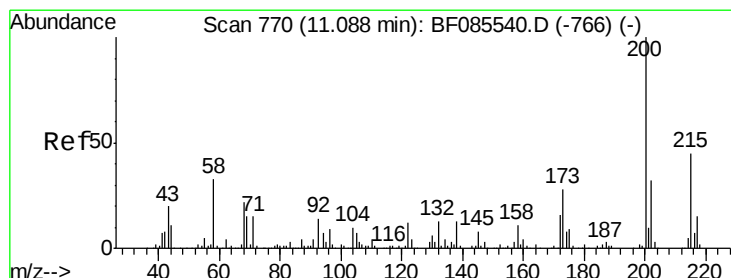
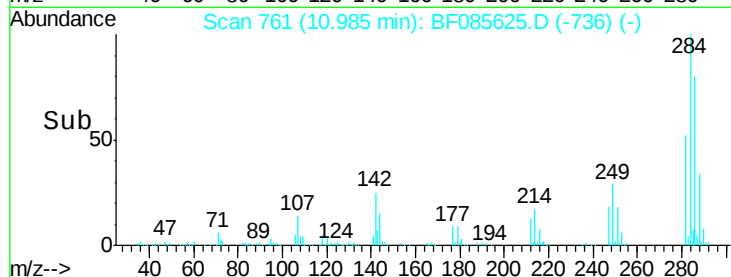
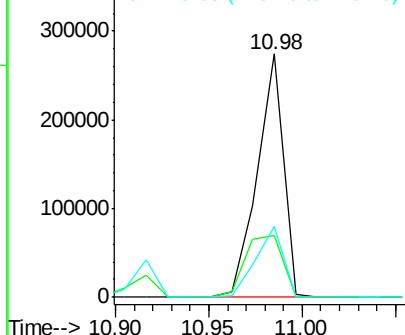
#67
Hexachlorobenzene
Concen: 49.48 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:284 Resp: 265647
Ion Ratio Lower Upper
284 100
142 25.5 23.1 34.7
249 29.2 24.2 36.2

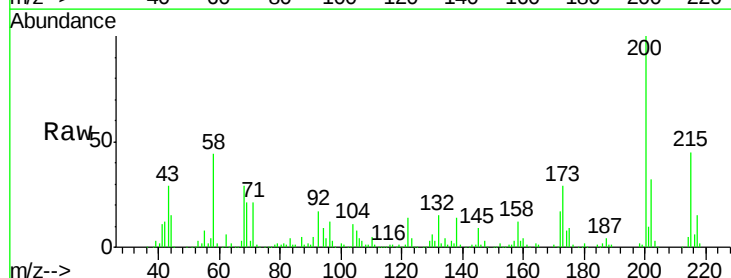


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

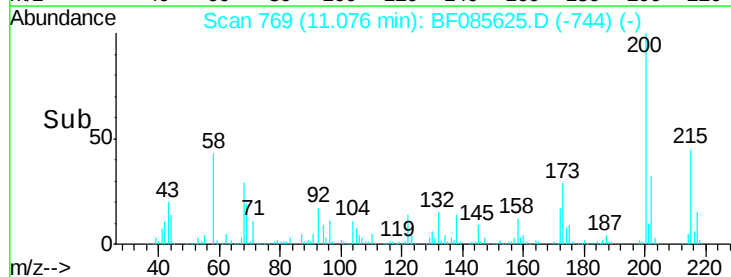
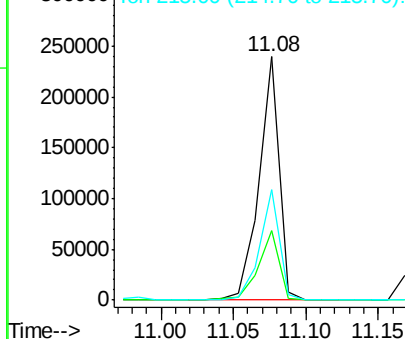


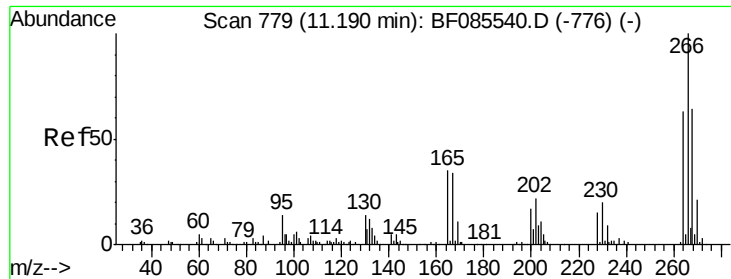
#68
Atrazine
Concen: 47.86 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:200 Resp: 229576
Ion Ratio Lower Upper
200 100
173 28.6 7.7 47.7
215 45.3 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

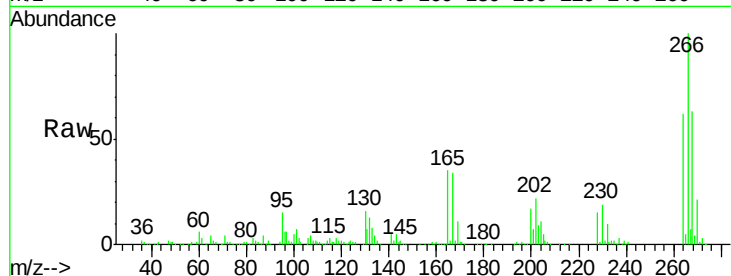




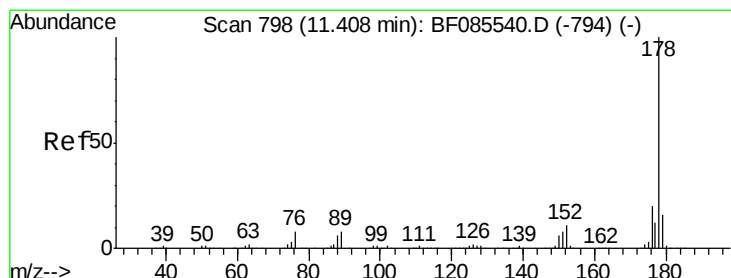
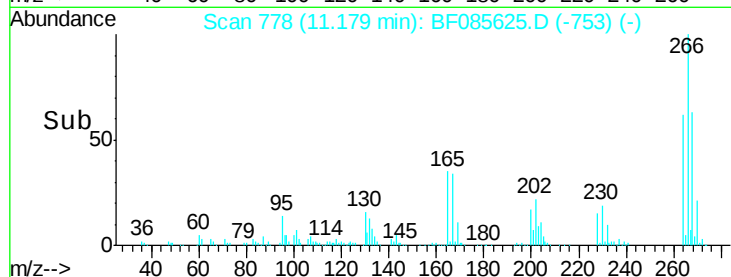
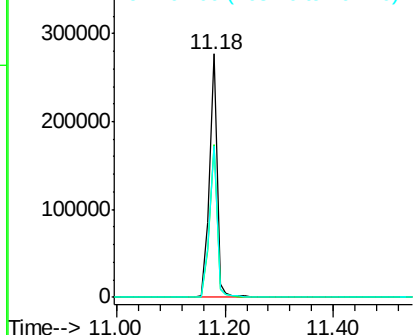
#69
 Pentachlorophenol
 Concen: 83.49 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion:266 Resp: 272124
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 62.2 50.6 76.0

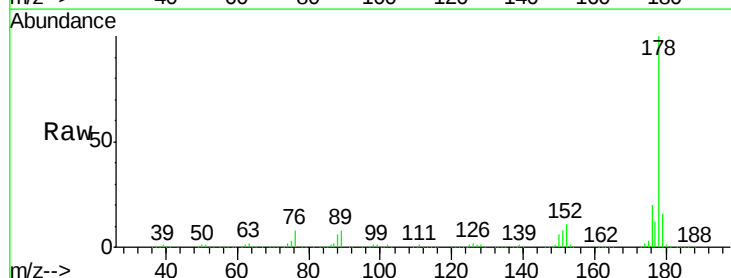


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

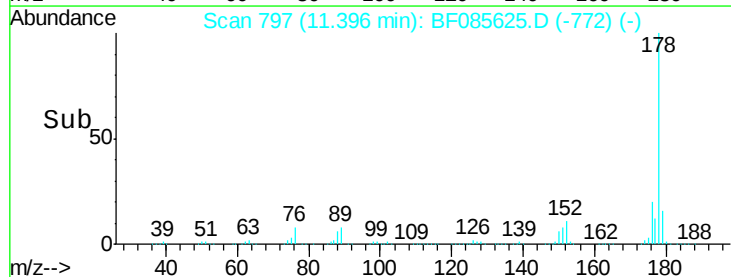
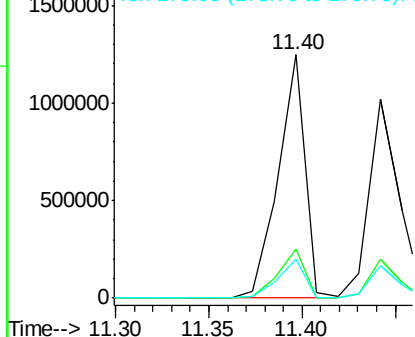


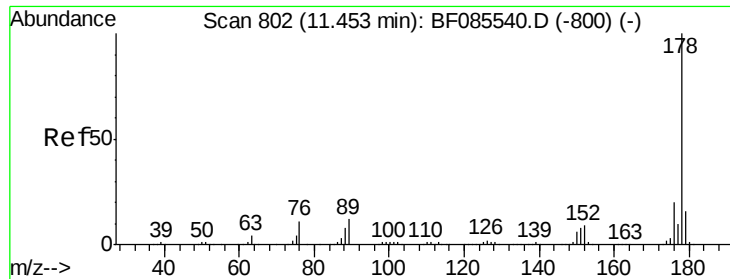
#70
 Phenanthrene
 Concen: 46.54 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:178 Resp: 1241196
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.8 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

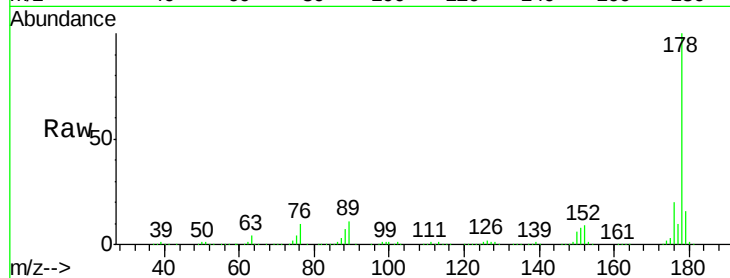




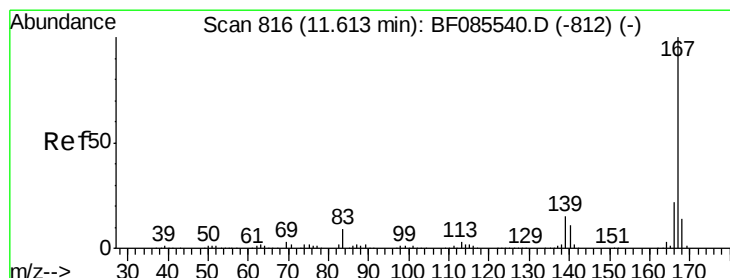
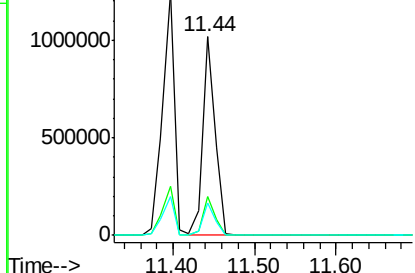
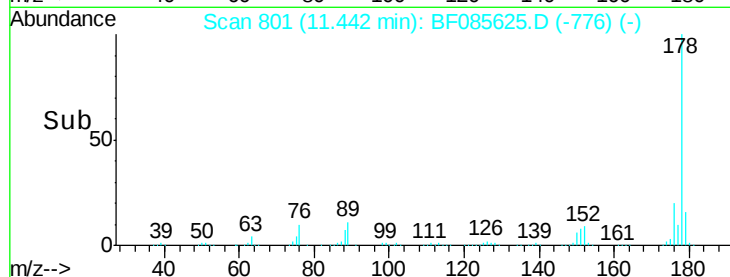
#71
 Anthracene
 Concen: 39.51 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion:178 Resp: 1104800
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.2 13.0 19.4

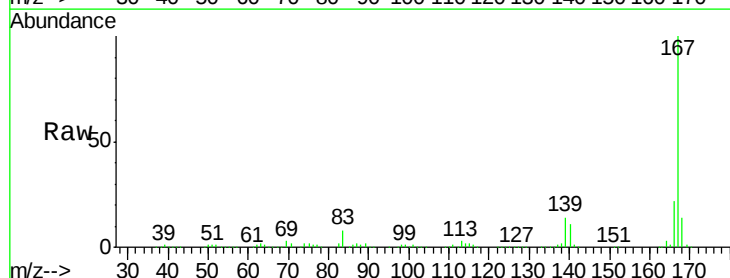


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

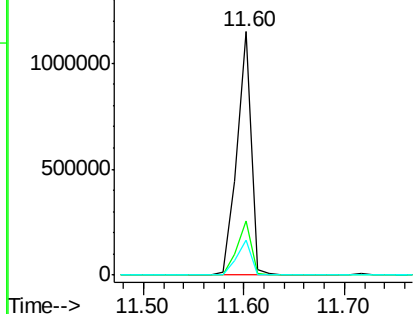
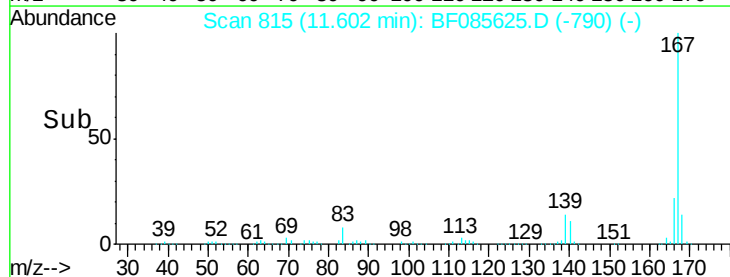


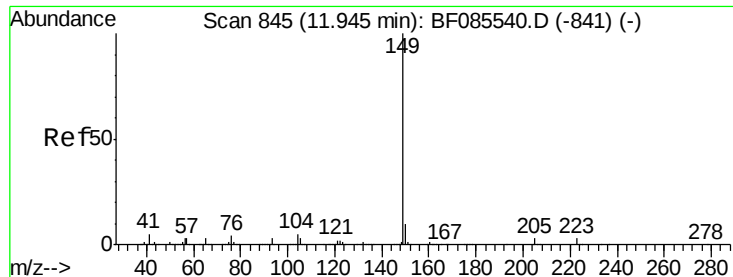
#72
 Carbazole
 Concen: 46.93 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:167 Resp: 1132231
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 14.3 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

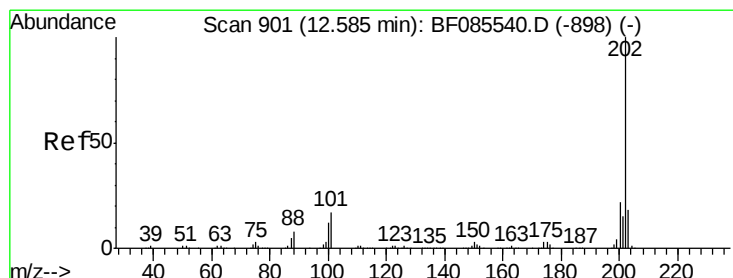
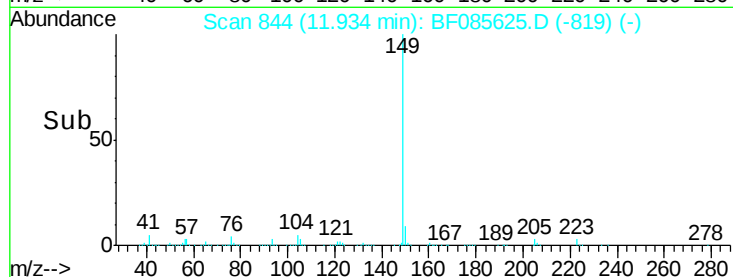
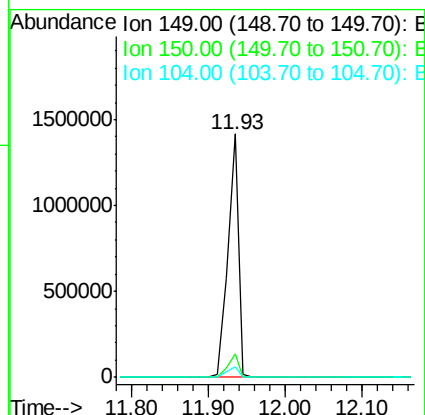
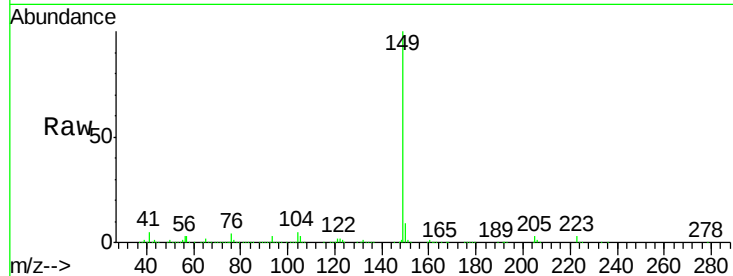




#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 11.93 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

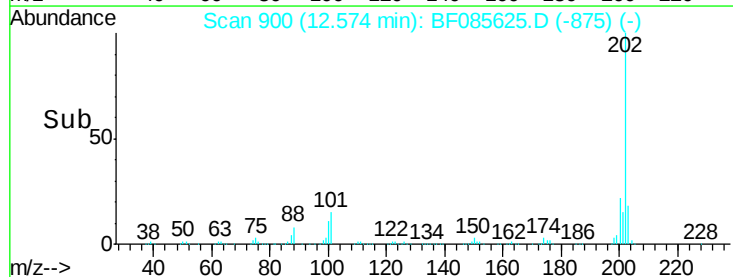
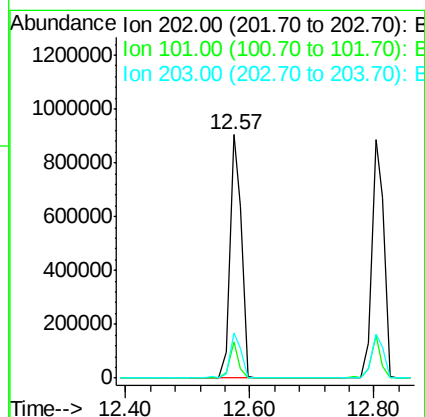
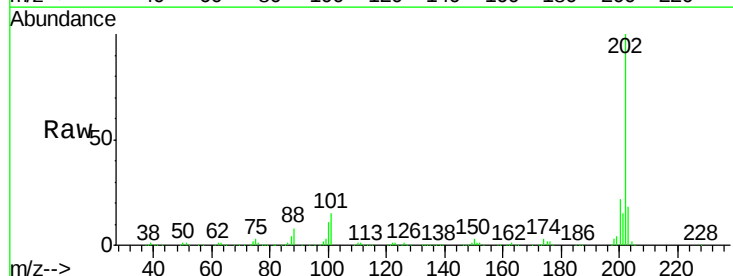
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

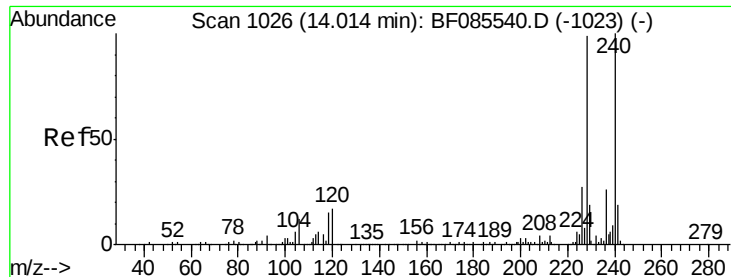
Tgt Ion:149 Resp: 1396753
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 40.87 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:202 Resp: 1141386
Ion Ratio Lower Upper
202 100
101 15.1 0.0 36.6
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

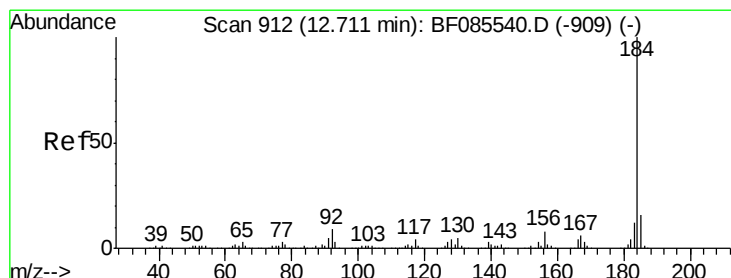
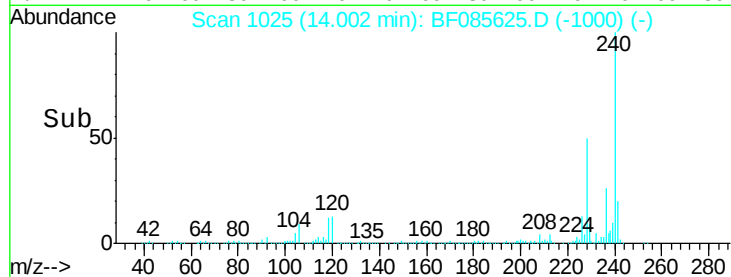
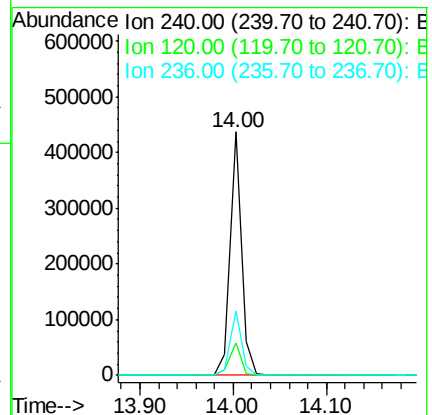
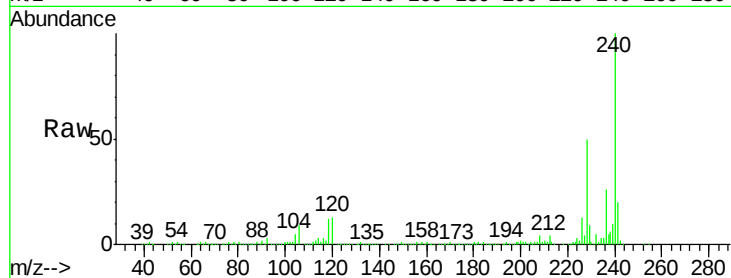
Tgt Ion:240 Resp: 372419

Ion Ratio Lower Upper

240 100

120 13.4 13.8 20.8#

236 26.4 20.6 30.8



#76

Benzidine

Concen: 14.86 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

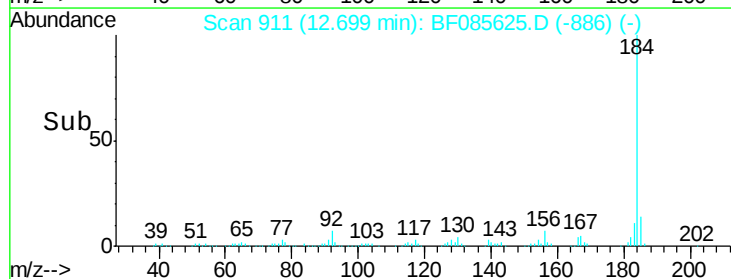
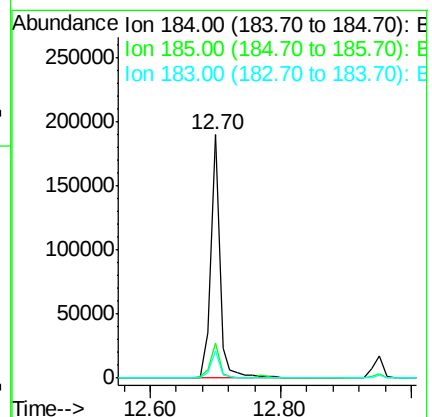
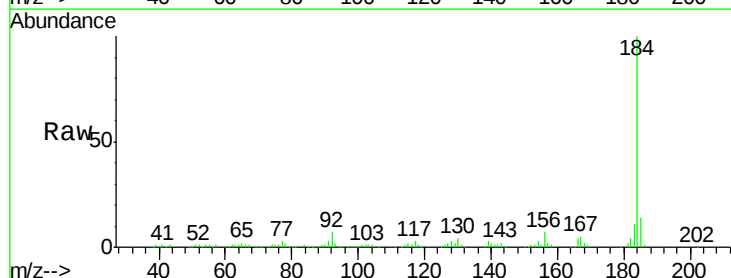
Tgt Ion:184 Resp: 186073

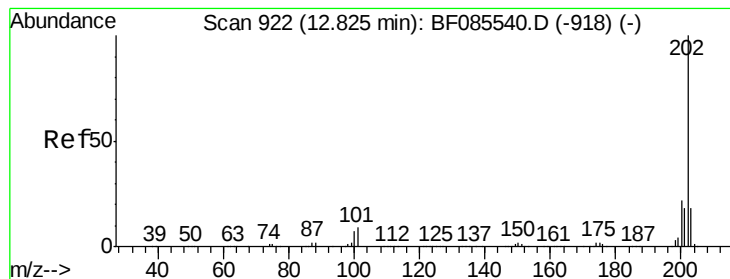
Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

183 11.0 9.4 14.2





#77

Pyrene

Concen: 43.81 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD

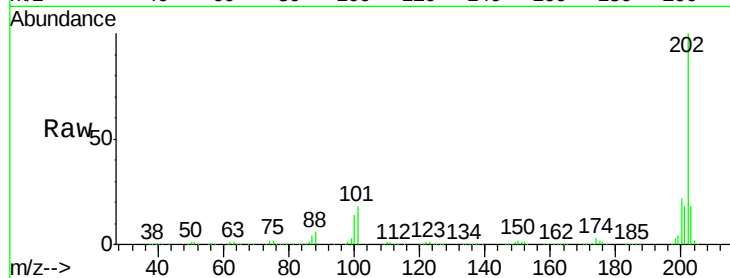
Tgt Ion:202 Resp: 1171618

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

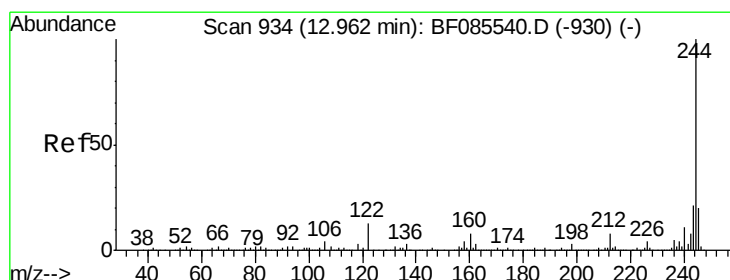
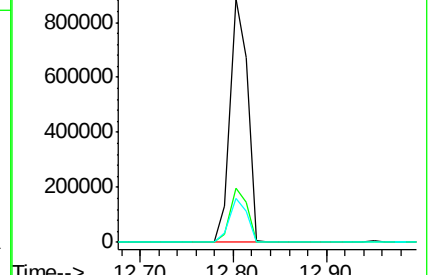
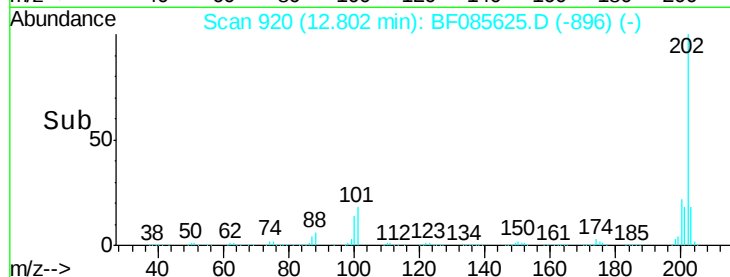
203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.78 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085625.D

Acq: 21 Mar 2016 16:41

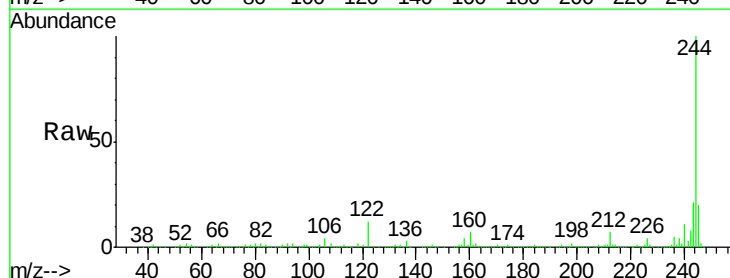
Tgt Ion:244 Resp: 1250124

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

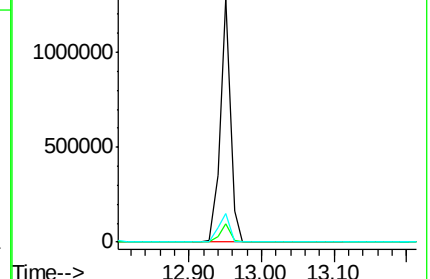
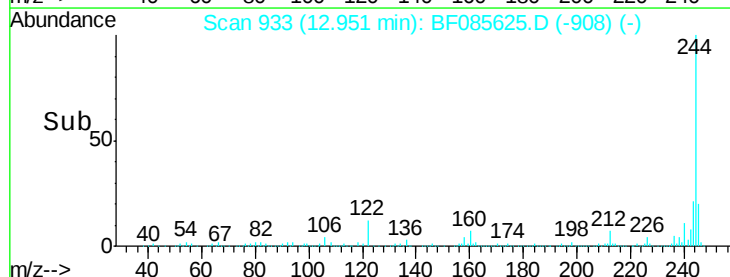
122 11.5 10.2 15.4

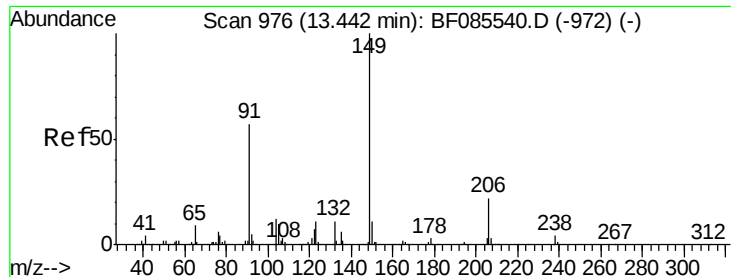


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

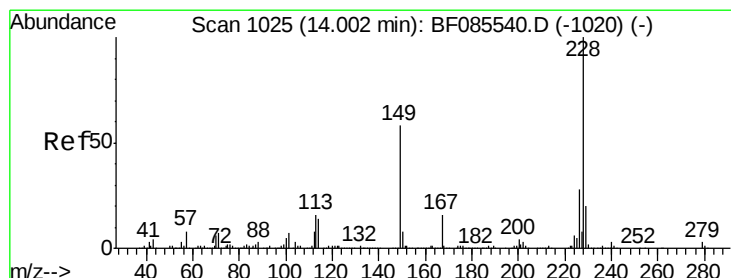
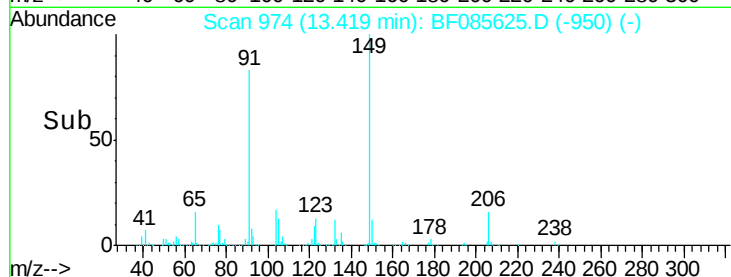
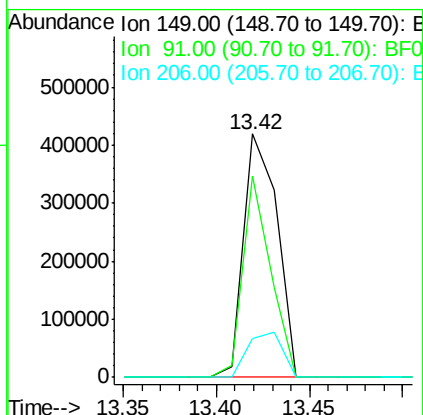
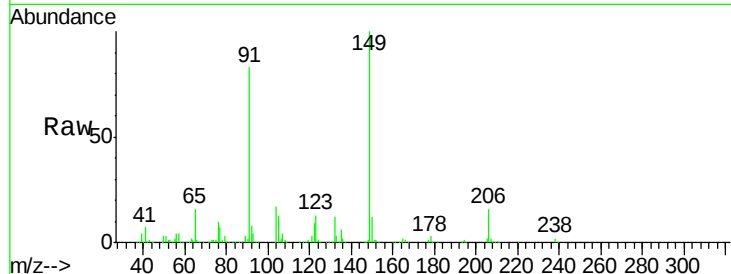




#79
Butylbenzylphthalate
Concen: 40.98 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

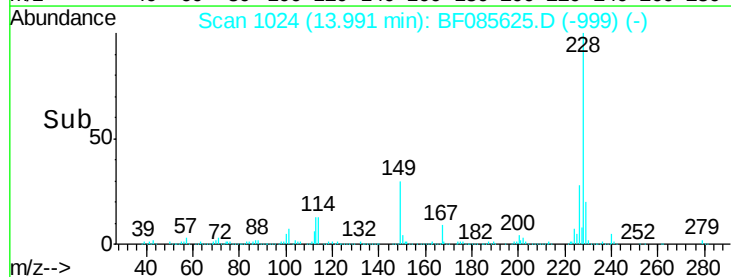
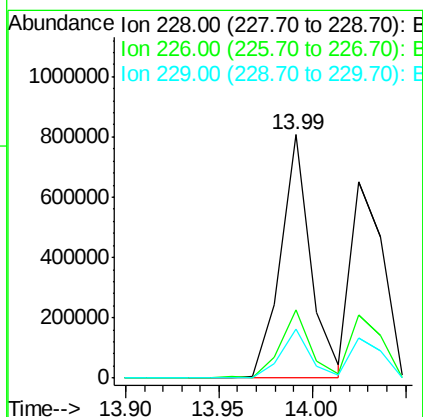
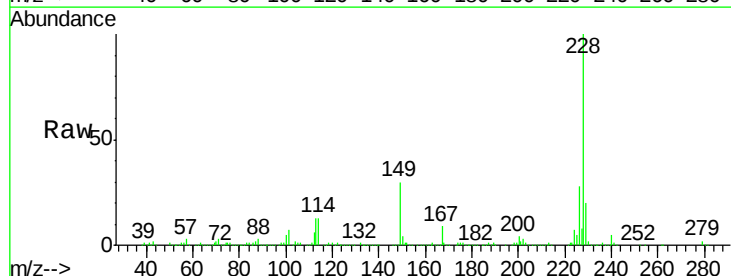
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

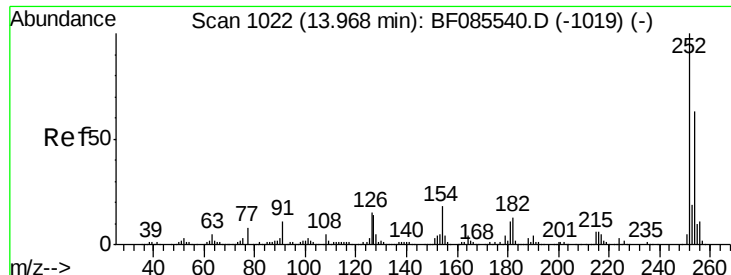
Tgt Ion:149 Resp: 522337
Ion Ratio Lower Upper
149 100
91 82.9 45.8 68.8#
206 15.9 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 41.76 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:228 Resp: 902770
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.0 16.2 24.4

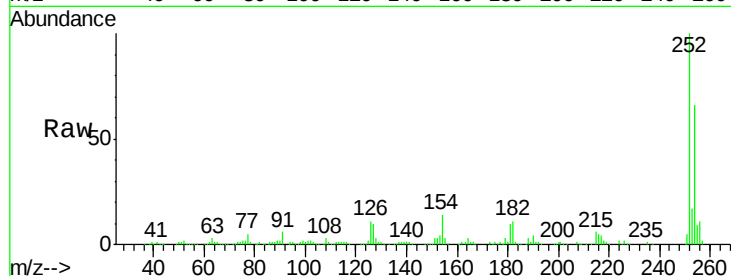




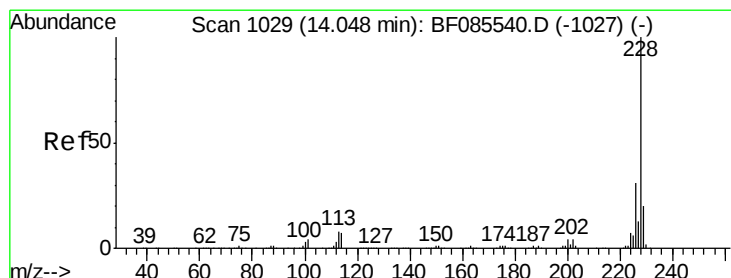
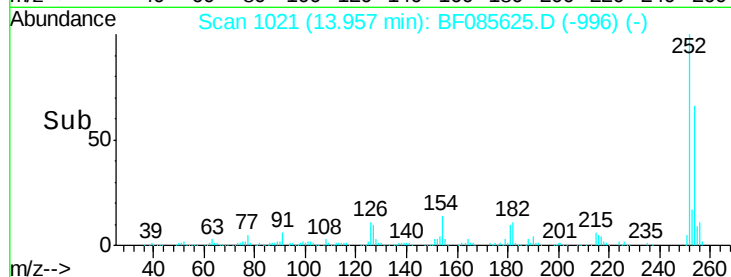
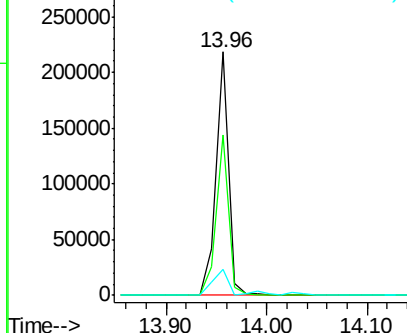
#81
 3,3'-Dichlorobenzidine
 Concen: 23.93 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

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

Tgt Ion: 252 Resp: 189627
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.7 76.1
 126 10.7 11.8 17.6#

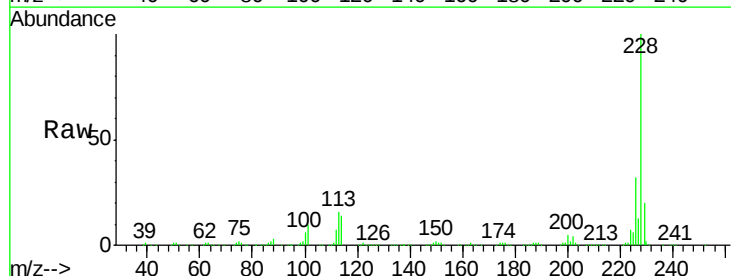


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

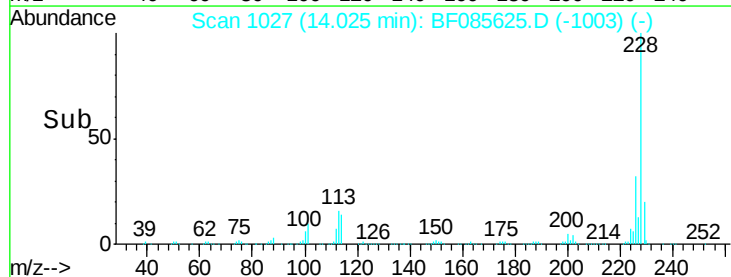
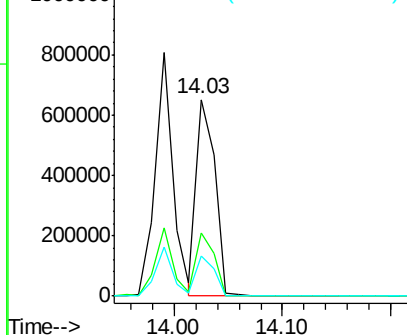


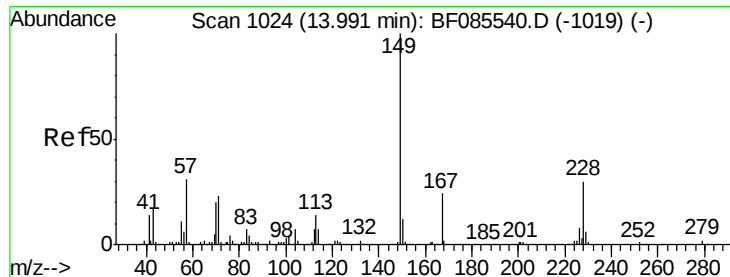
#82
 Chrysene
 Concen: 37.71 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion: 228 Resp: 784344
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.2 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

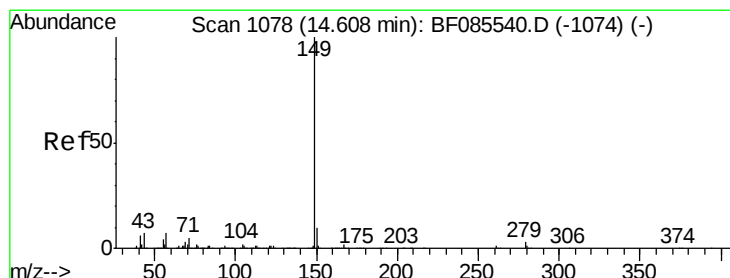
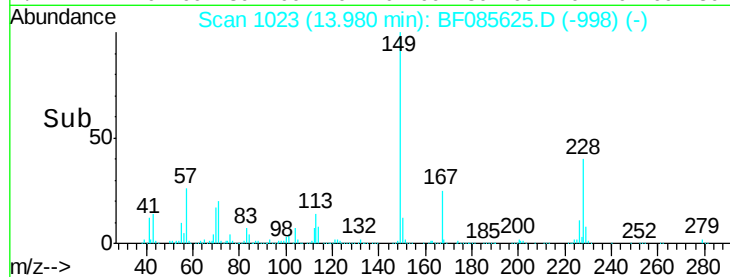
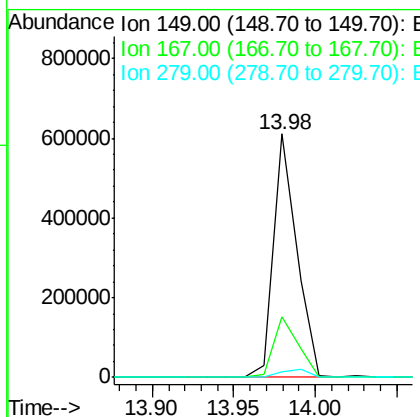
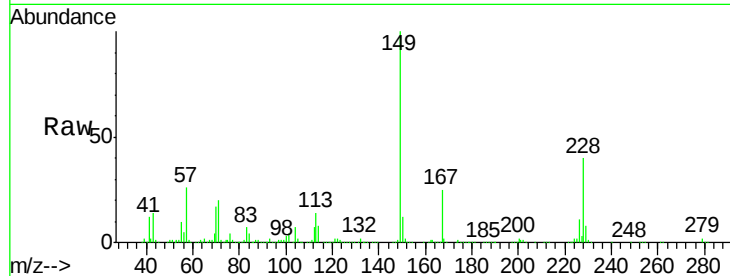




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.43 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

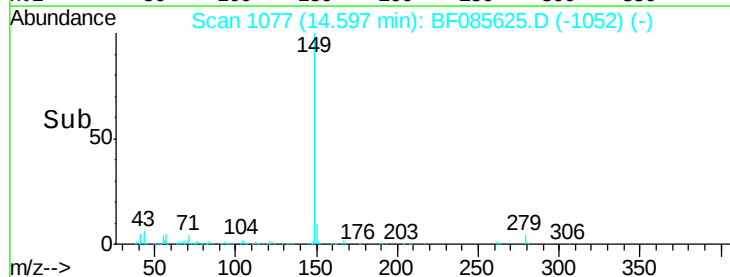
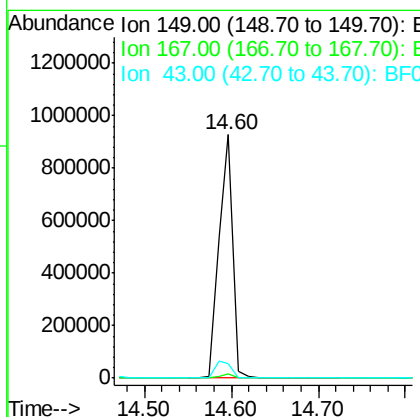
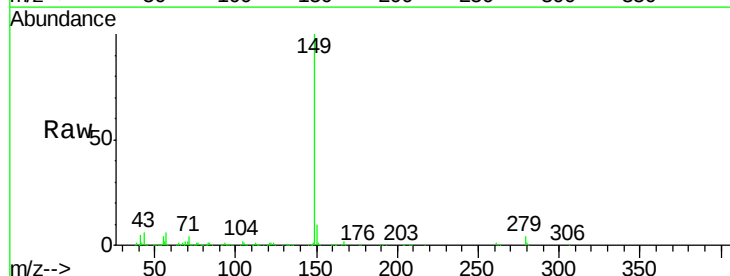
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

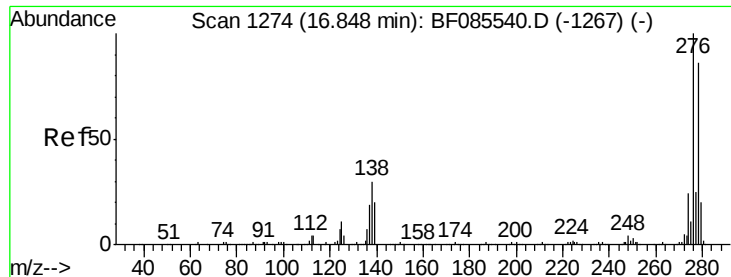
Tgt Ion:149 Resp: 608559
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.4 29.2
 279 2.3 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 40.14 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion:149 Resp: 1035775
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.0 7.1 10.7

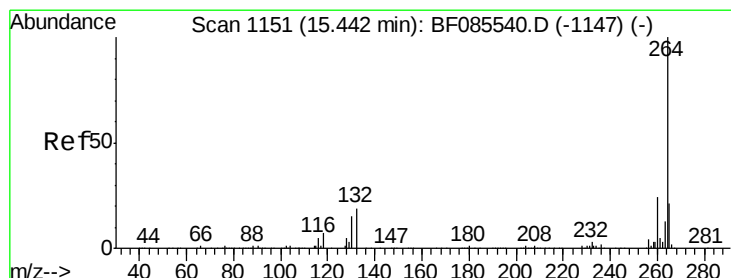
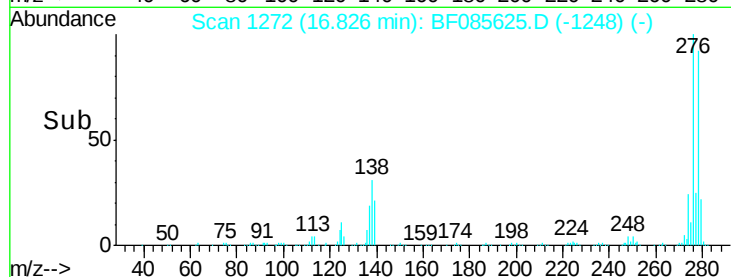
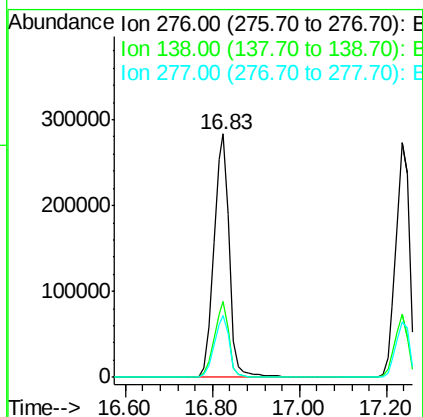
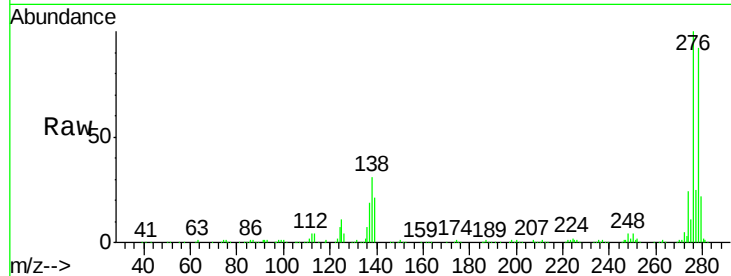




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.20 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

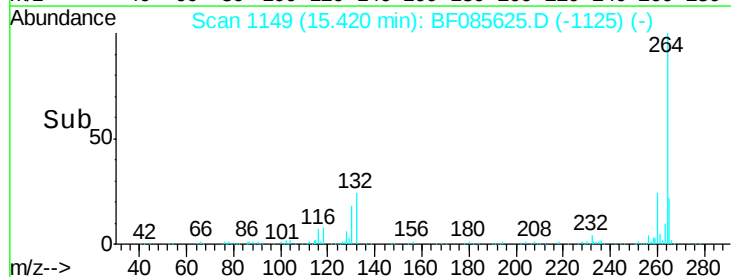
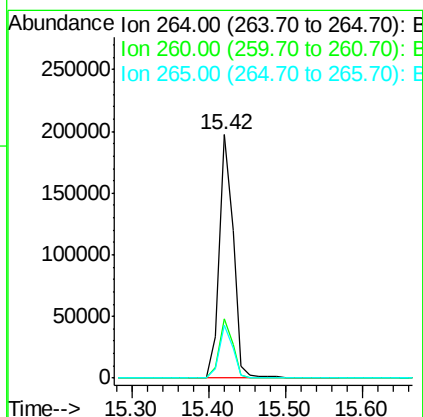
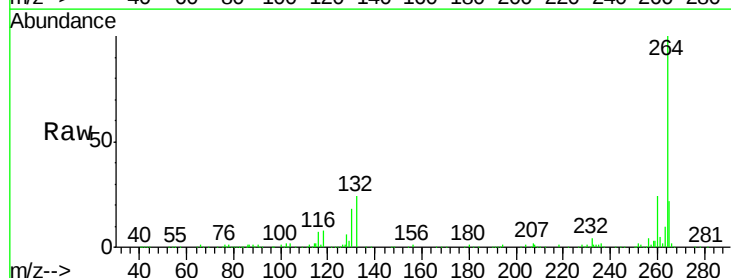
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MSD

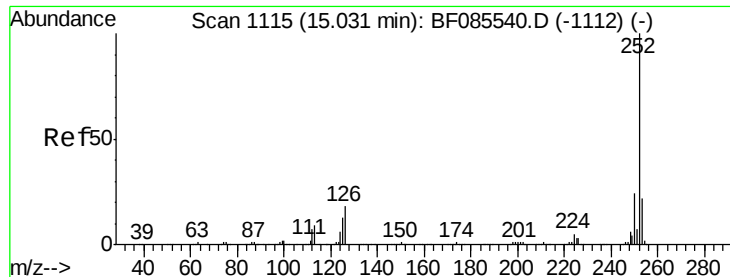
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.2	36.4
277	24.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085625.D
 Acq: 21 Mar 2016 16:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.9	17.2	25.8

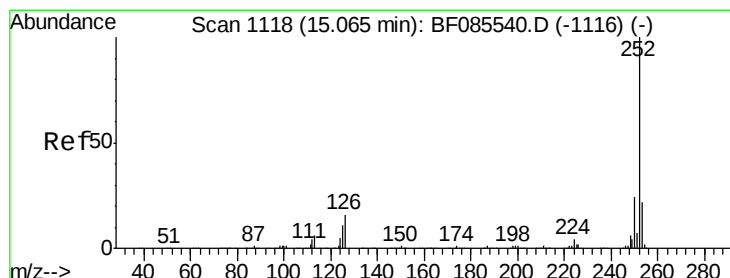
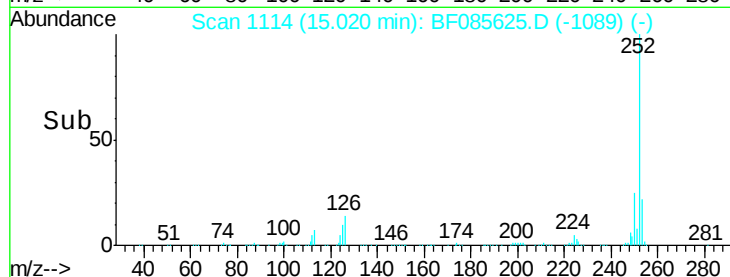
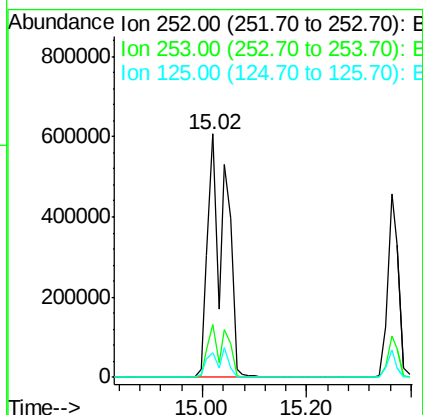
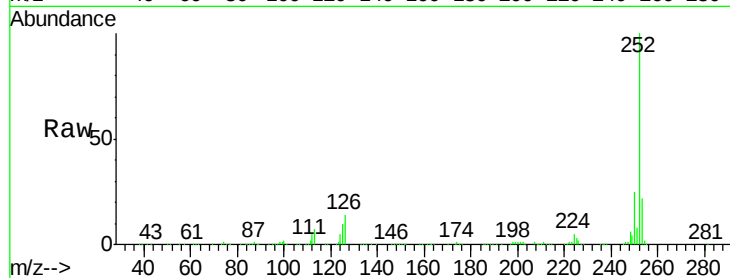




#87
Benzo(b)fluoranthene
Concen: 86.41 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

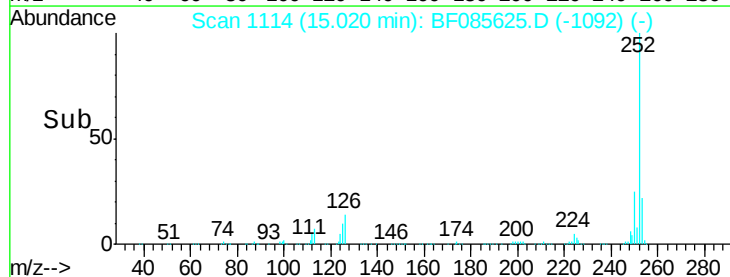
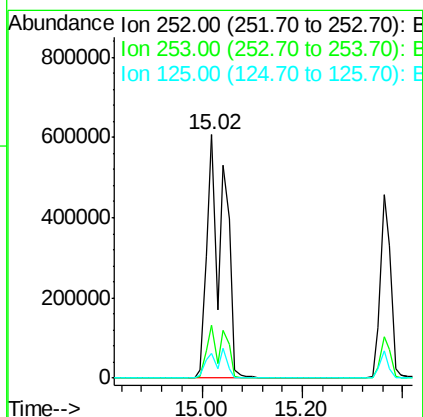
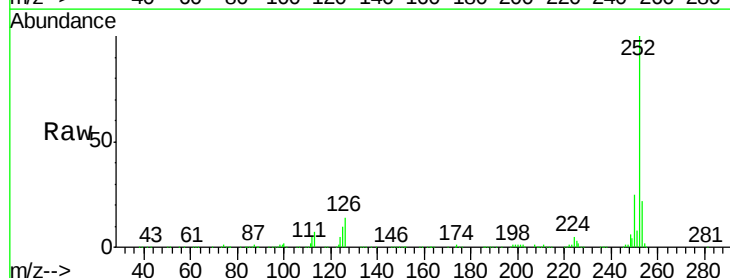
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

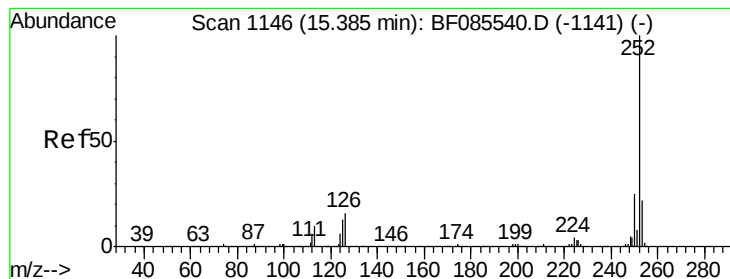
Tgt Ion:252 Resp: 1430961
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.4 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 104.89 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:252 Resp: 1431167
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.4 7.7 11.5

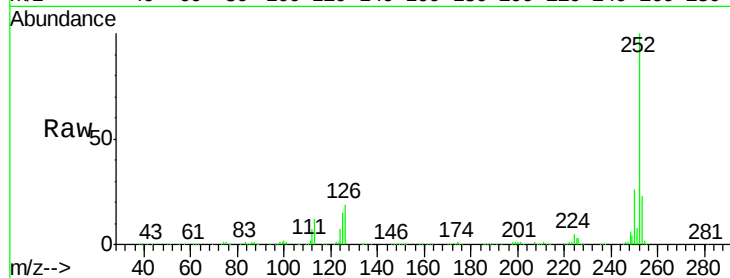




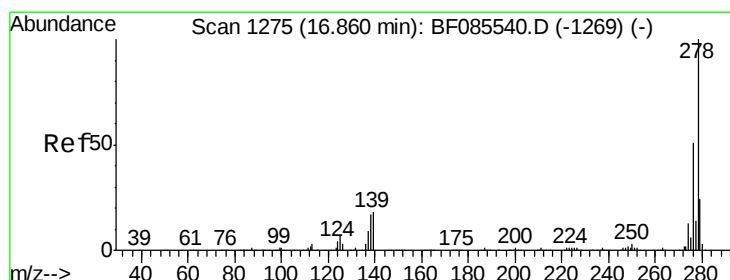
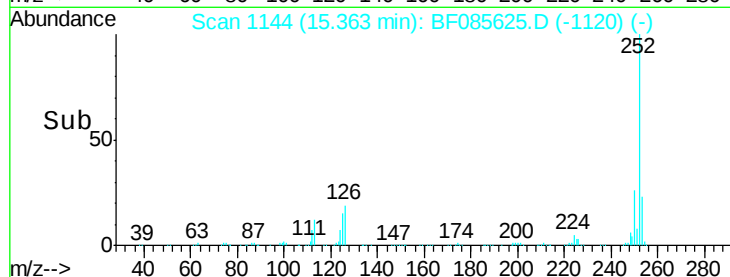
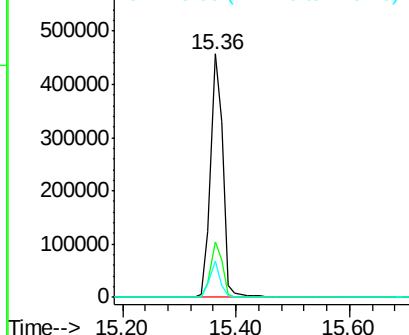
#89
Benzo(a)pyrene
Concen: 47.14 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

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

Tgt Ion:252 Resp: 661774
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 14.7 10.3 15.5

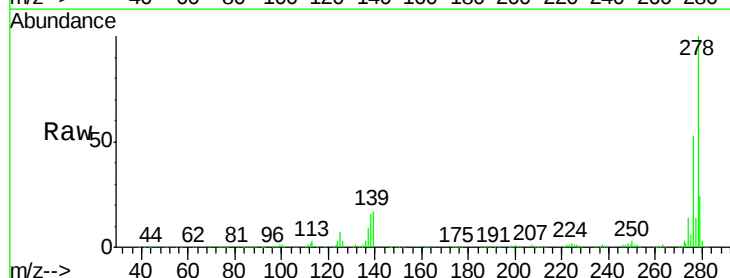


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

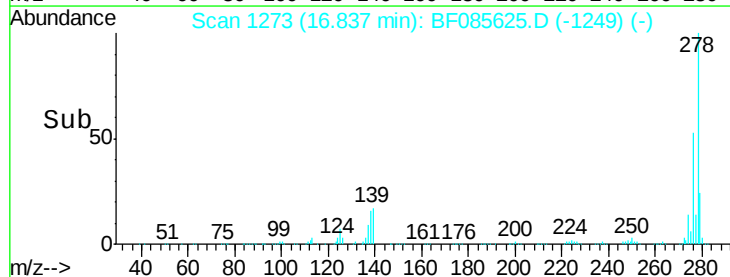
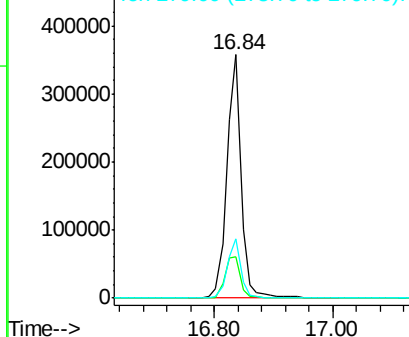


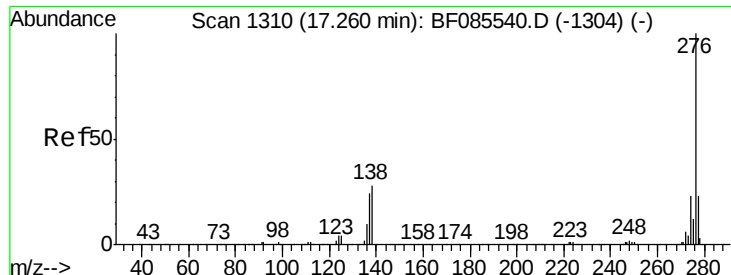
#90
Dibenzo(a,h)anthracene
Concen: 51.00 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:278 Resp: 597242
Ion Ratio Lower Upper
278 100
139 16.8 14.4 21.6
279 24.3 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: 53.29 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085625.D

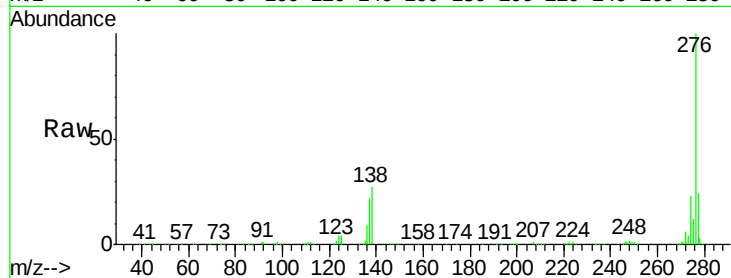
Acq: 21 Mar 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MSD



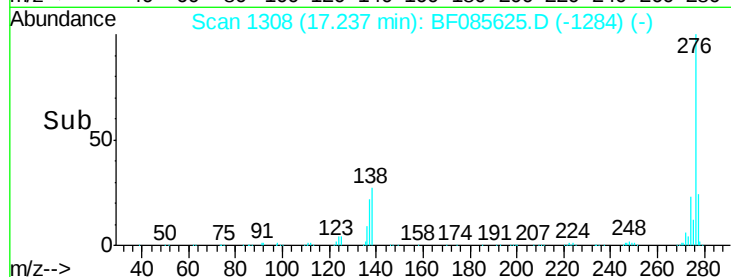
Tgt Ion: 276 Resp: 603971

Ion Ratio Lower Upper

276 100

277 23.6 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

