

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085038.D
 Acq On : 12 Feb 2016 3:44
 Operator : SJ/IZ
 Sample : H1410-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Quant Time: Feb 12 04:18:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	138763	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	587350	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	274080	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	532721	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	315980	20.00	ng	-0.01
86) Perylene-d12	15.11	264	299265	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1109576	124.55	ng	0.01
7) Phenol-d6	6.27	99	1451006	131.38	ng	-0.01
23) Nitrobenzene-d5	7.19	82	945175	90.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	430592	150.62	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1599077	108.05	ng	-0.01
78) Terphenyl-d14	12.72	244	1713735	122.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	154918	39.70	ng	# 67
3) Pyridine	2.83	79	404044	39.74	ng	# 74
4) n-Nitrosodimethylamine	2.76	42	237421	45.15	ng	# 79
6) Aniline	6.27	93	136052	10.07	ng	# 6
8) 2-Chlorophenol	6.40	128	483350	47.93	ng	93
9) Benzaldehyde	6.16	77	119202	18.28	ng	# 69
10) Phenol	6.28	94	475160	38.40	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	475501	49.28	ng	92
12) 1,3-Dichlorobenzene	6.55	146	450282	42.26	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	483382	45.39	ng	95
14) 1,2-Dichlorobenzene	6.79	146	420738	42.41	ng	94
15) Benzyl Alcohol	6.78	79	417224	54.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	721591	44.46	ng	68
17) 2-Methylphenol	6.90	107	371785	46.62	ng	# 85
18) Hexachloroethane	7.12	117	197243	48.09	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	360668	52.10	ng	# 83
20) 3+4-Methylphenols	7.05	107	506966	51.21	ng	# 84
22) Acetophenone	7.04	105	722304	46.66	ng	# 96
24) Nitrobenzene	7.21	77	532594	47.70	ng	# 88
25) Isophorone	7.45	82	952653	46.99	ng	98
26) 2-Nitrophenol	7.52	139	249669	45.34	ng	# 82
27) 2,4-Dimethylphenol	7.58	122	427894	44.67	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	615880	51.20	ng	99
29) 2,4-Dichlorophenol	7.77	162	410755	50.12	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	414074	44.73	ng	# 94
31) Naphthalene	7.92	128	1401203	47.56	ng	99
32) Benzoic acid	7.70	122	92371	15.08	ng	92
33) 4-Chloroaniline	7.98	127	90825	7.45	ng	97
34) Hexachlorobutadiene	8.04	225	243455	45.61	ng	99
35) Caprolactam	8.36	113	83810	33.18	ng	# 49
36) 4-Chloro-3-methylphenol	8.49	107	490484	52.46	ng	99
37) 2-Methylnaphthalene	8.62	142	1025734	55.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	379124	43.55	ng	99
40) Hexachlorocyclopentadiene	8.76	237	277669	74.40	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	276387	49.29	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	259229	45.49	ng #	81
45) 1,1'-Biphenyl	9.08	154	1157988	47.30	ng	95
46) 2-Chloronaphthalene	9.10	162	830846	46.09	ng	96
47) 2-Nitroaniline	9.21	65	320175	56.09	ng #	84
48) Acenaphthylene	9.51	152	1268916	46.38	ng	98
49) Dimethylphthalate	9.39	163	954262	45.71	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	200089	43.88	ng #	47
51) Acenaphthene	9.68	154	792882	44.55	ng	96
52) 3-Nitroaniline	9.61	138	64135	12.52	ng	94
53) 2,4-Dinitrophenol	9.74	184	68339	35.92	ng	89
54) Dibenzofuran	9.86	168	1174202	53.98	ng	96
55) 4-Nitrophenol	9.80	139	234961	62.39	ng #	72
56) 2,4-Dinitrotoluene	9.86	165	310019	53.30	ng	85
57) Fluorene	10.19	166	874908	48.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	237208	54.69	ng #	86
59) Diethylphthalate	10.09	149	957185	46.96	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	403012	54.31	ng	95
61) 4-Nitroaniline	10.24	138	247196	49.50	ng	86
62) Azobenzene	10.35	77	1068550	54.52	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	76538	23.28	ng #	54
65) n-Nitrosodiphenylamine	10.32	169	821045	48.54	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	287316	48.83	ng	99
67) Hexachlorobenzene	10.74	284	287637	44.86	ng #	88
68) Atrazine	10.86	200	287261	53.77	ng	97
69) Pentachlorophenol	10.95	266	205323	68.14	ng	98
70) Phenanthrene	11.15	178	1353610	45.81	ng	97
71) Anthracene	11.21	178	1406444	47.24	ng	100
72) Carbazole	11.37	167	1335469	51.44	ng	98
73) Di-n-butylphthalate	11.70	149	1443591	43.68	ng #	97
74) Fluoranthene	12.33	202	1227770	41.06	ng	98
76) Benzidine	12.47	184	341241	30.57	ng	97
77) Pyrene	12.56	202	1269517	52.48	ng	100
79) Butylbenzylphthalate	13.20	149	623327	56.80	ng #	86
80) Benzo(a)anthracene	13.75	228	992510	50.61	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	73764	10.62	ng #	91
82) Chrysene	13.78	228	777929	40.91	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	762743	55.85	ng	97
84) Di-n-octyl phthalate	14.37	149	1152317	51.14	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	957279	63.95	ng	98
87) Benzo(b)fluoranthene	14.78	252	1725545	85.82	ng	99
88) Benzo(k)fluoranthene	14.78	252	1725810	103.81	ng #	97
89) Benzo(a)pyrene	15.06	252	801013	46.75	ng #	97
90) Dibenzo(a,h)anthracene	16.38	278	788361	54.66	ng	96
91) Benzo(g,h,i)perylene	16.74	276	810372	55.78	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

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SUP-B004(16-18)MS

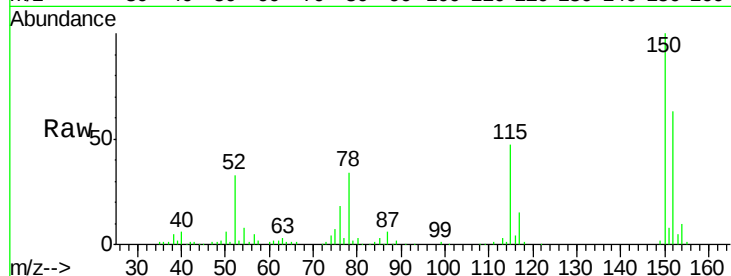
Tgt Ion:152 Resp: 138763

Ion Ratio Lower Upper

152 100

150 160.0 123.0 184.4

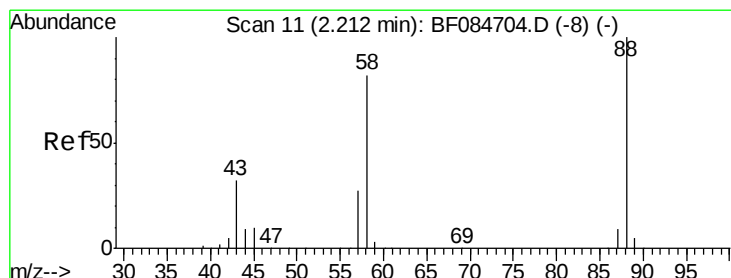
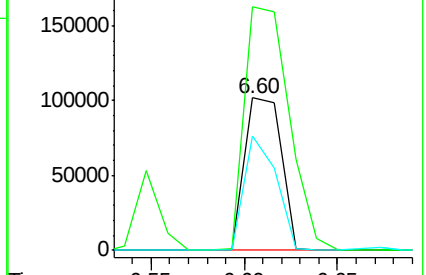
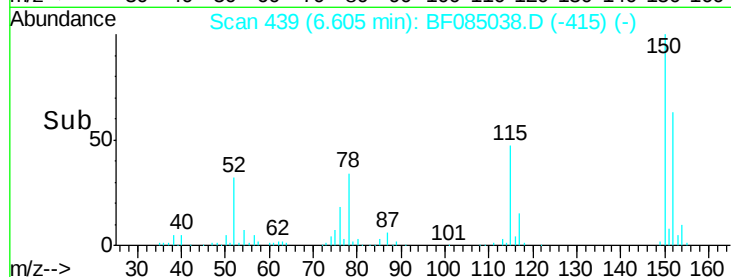
115 75.5 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.70 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.14 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

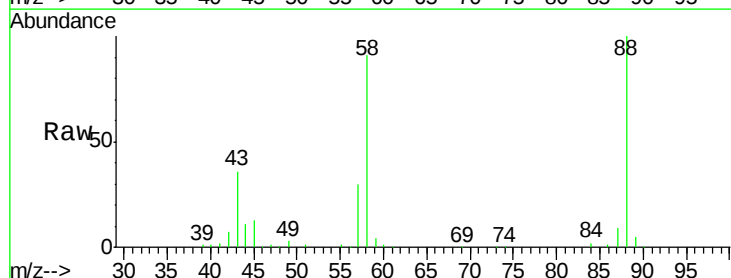
Tgt Ion: 88 Resp: 154918

Ion Ratio Lower Upper

88 100

58 84.5 51.2 76.8#

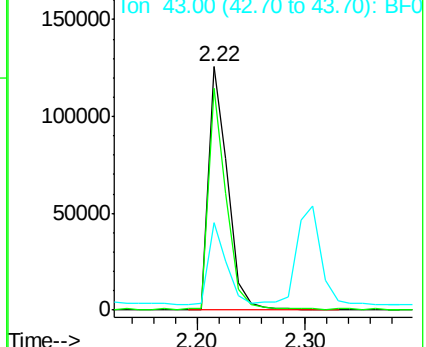
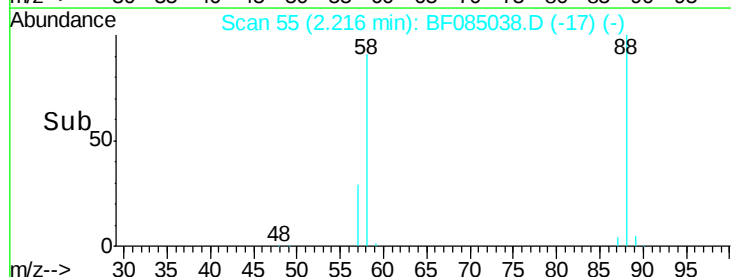
43 0.0 19.5 29.3#

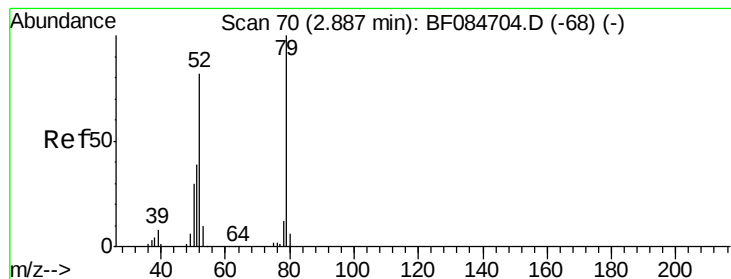


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.74 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.11 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

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SUP-B004(16-18)MS

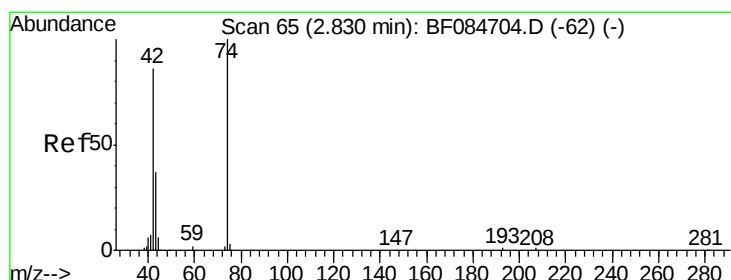
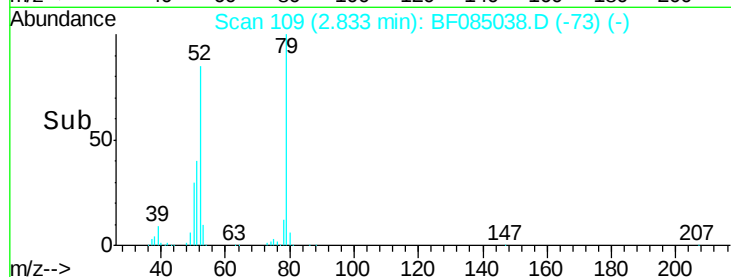
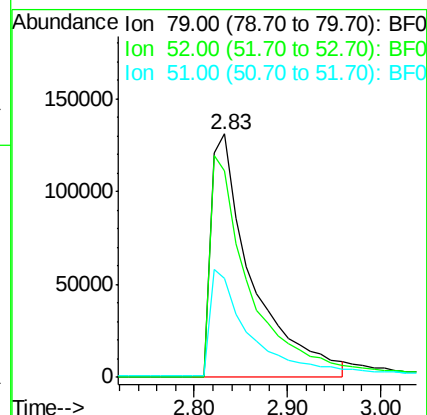
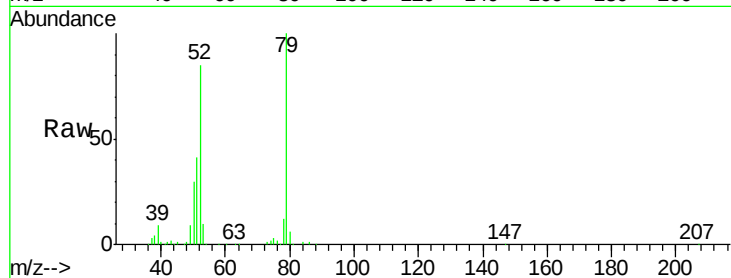
Tgt Ion: 79 Resp: 404044

Ion Ratio Lower Upper

79 100

52 84.7 49.0 73.4#

51 40.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 45.15 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.08 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

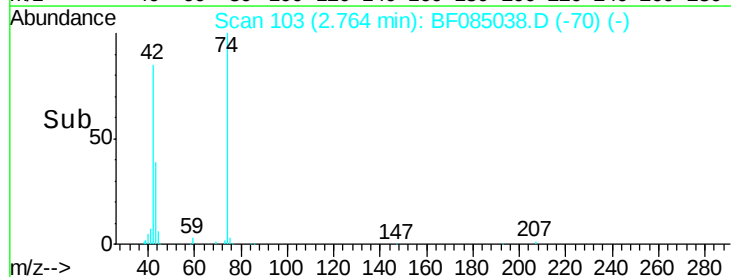
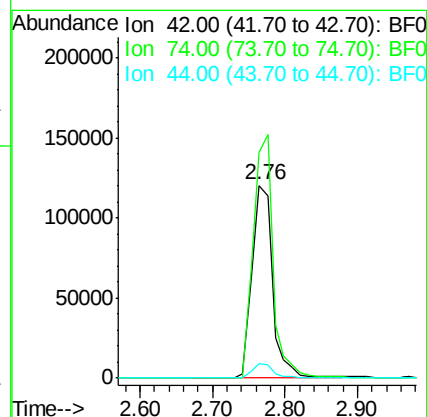
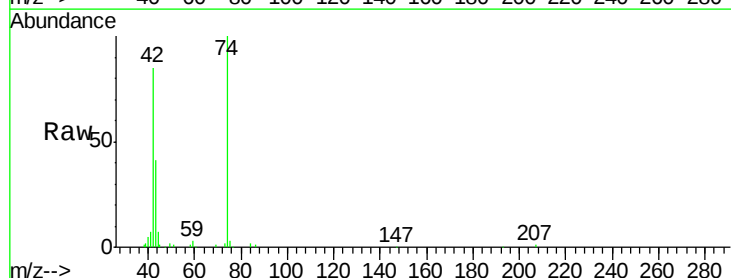
Tgt Ion: 42 Resp: 237421

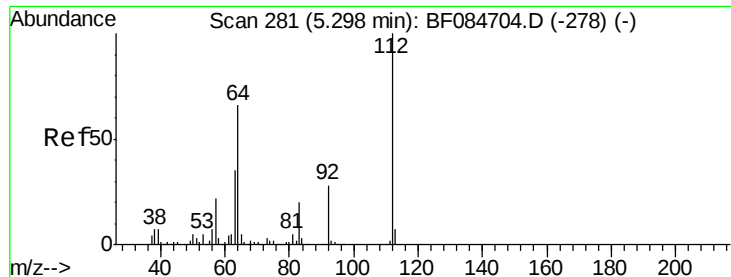
Ion Ratio Lower Upper

42 100

74 117.2 115.7 173.5

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 124.55 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

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ClientSampleId :

SUP-B004(16-18)MS

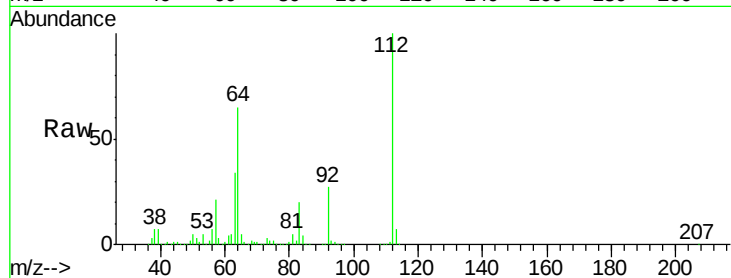
Tgt Ion: 112 Resp: 1109576

Ion Ratio Lower Upper

112 100

64 65.3 36.6 55.0#

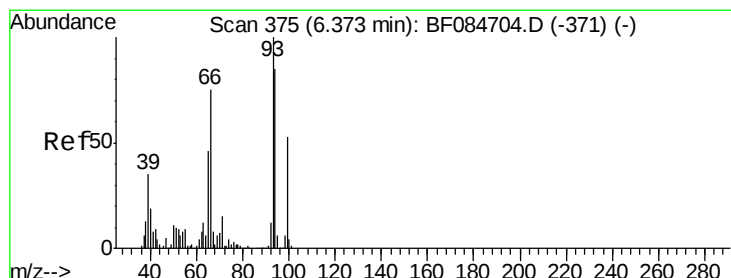
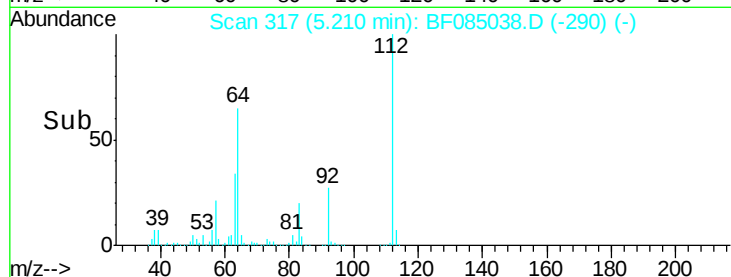
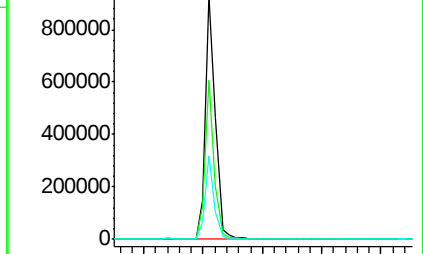
63 34.2 19.4 29.0#



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: 10.07 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

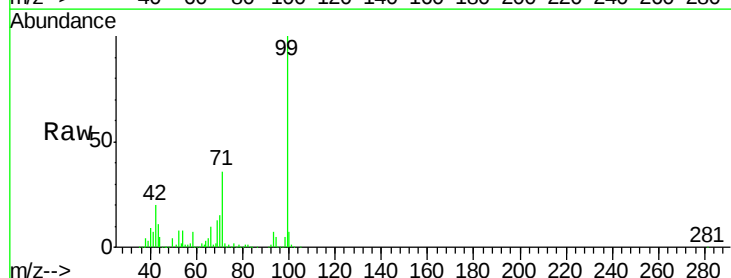
Tgt Ion: 93 Resp: 136052

Ion Ratio Lower Upper

93 100

66 141.7 44.9 67.3#

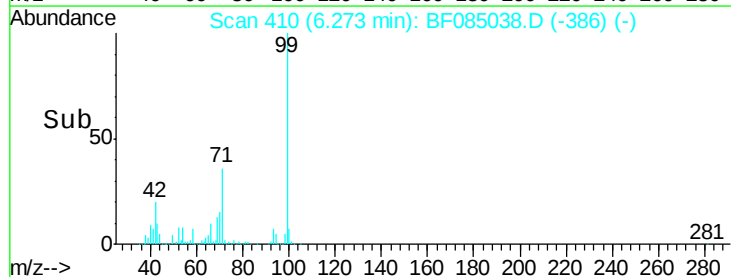
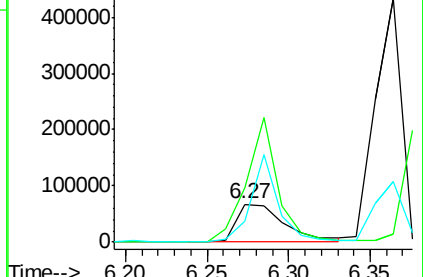
65 56.1 23.7 35.5#

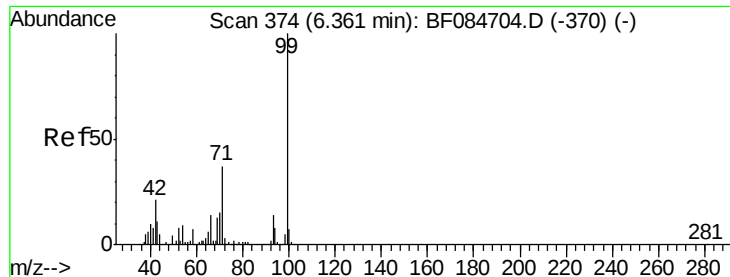


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.38 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

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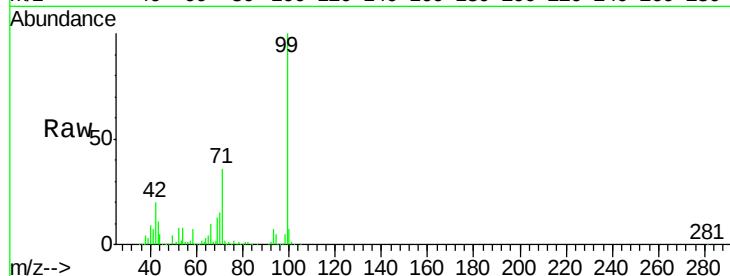
Tgt Ion: 99 Resp: 1451006

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

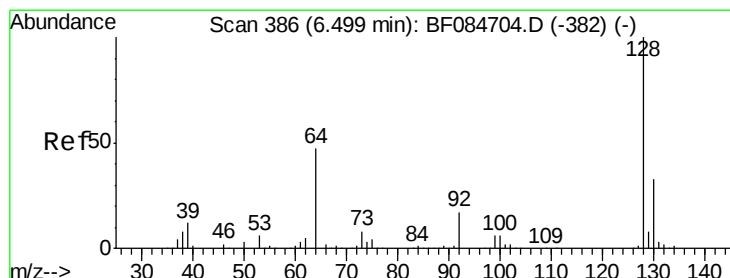
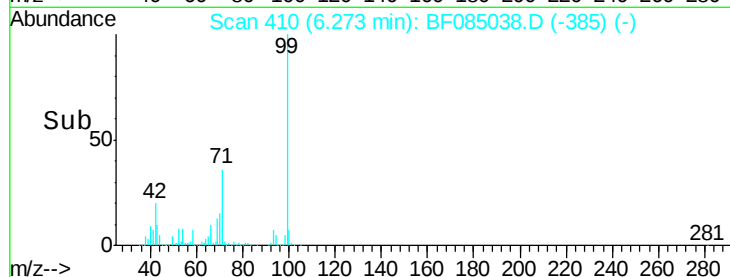
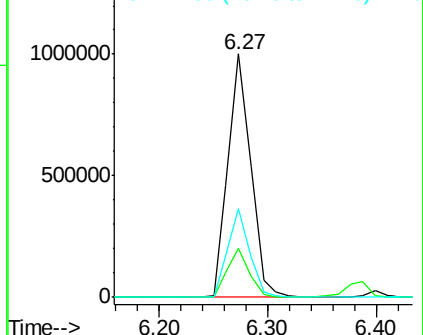
71 36.5 30.9 46.3



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: 47.93 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

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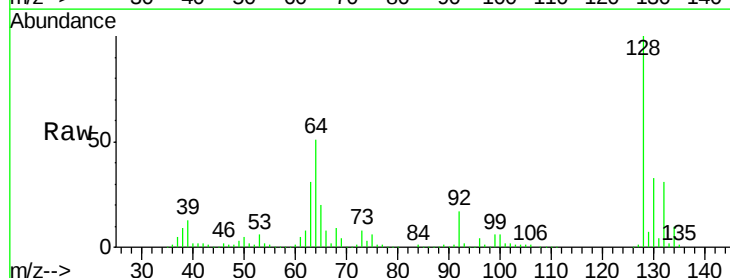
Tgt Ion: 128 Resp: 483350

Ion Ratio Lower Upper

128 100

130 32.8 11.6 51.6

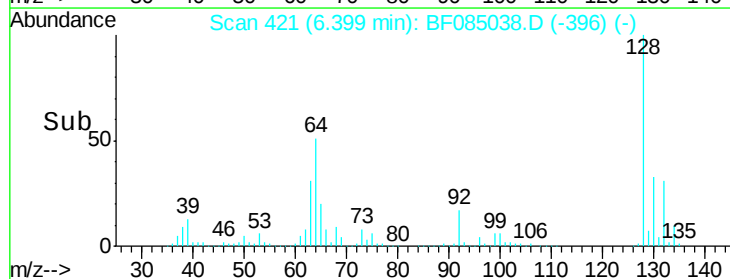
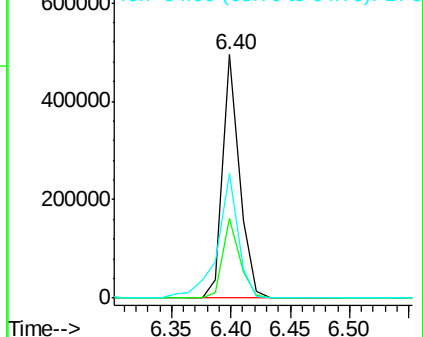
64 50.9 23.8 63.8

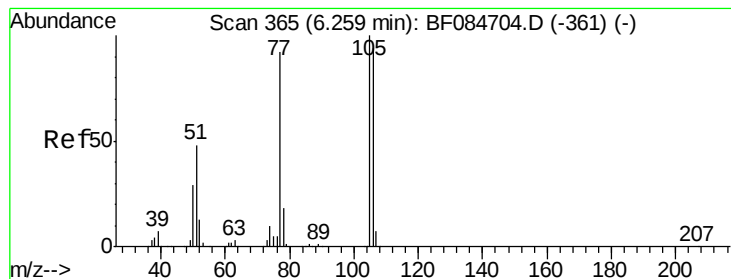


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.28 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

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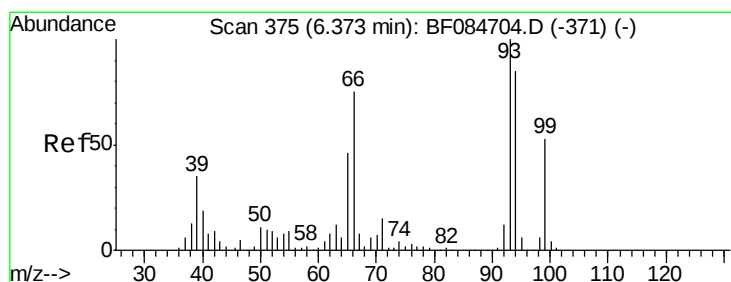
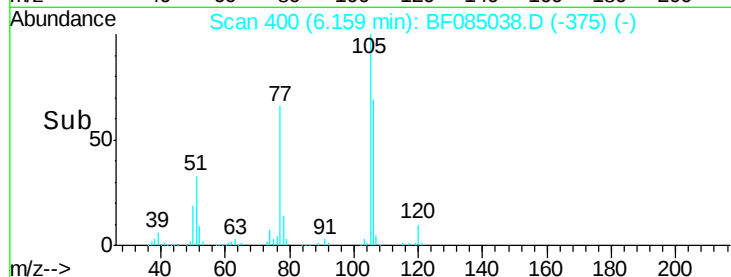
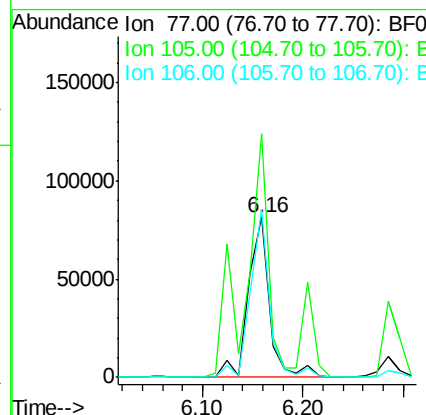
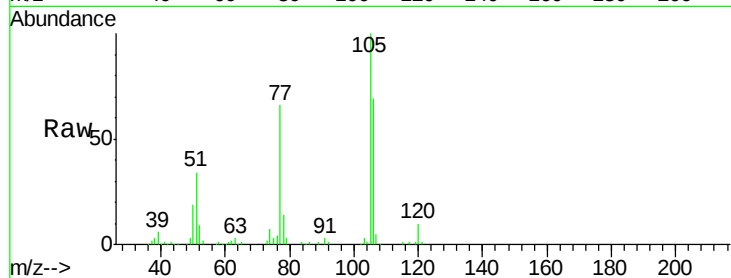
Tgt Ion: 77 Resp: 119202

Ion Ratio Lower Upper

77 100

105 152.2 83.0 123.0#

106 105.5 74.6 114.6



#10

Phenol

Concen: 38.40 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

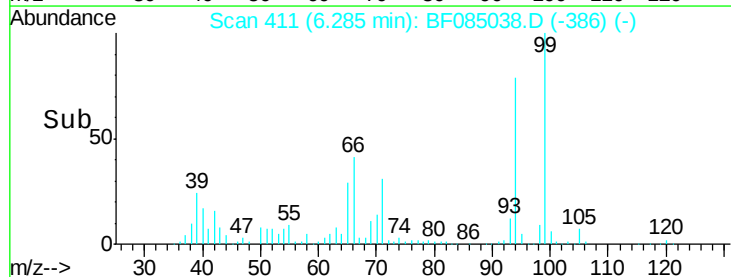
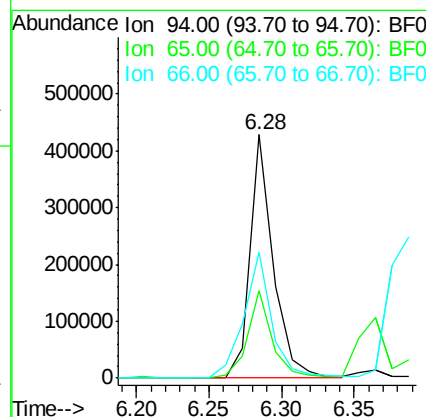
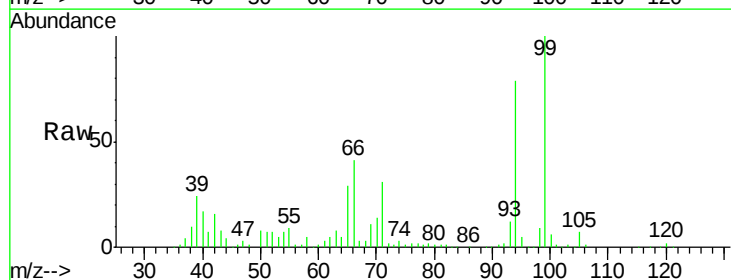
Tgt Ion: 94 Resp: 475160

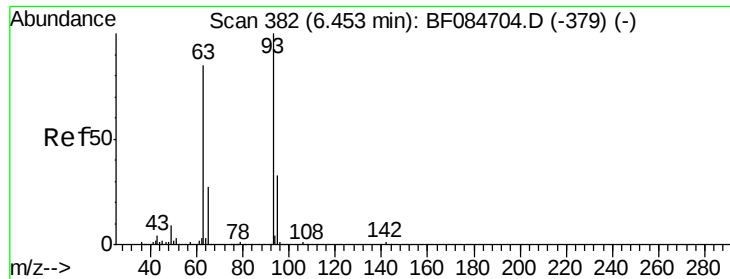
Ion Ratio Lower Upper

94 100

65 36.1 12.9 52.9

66 51.6 32.7 72.7

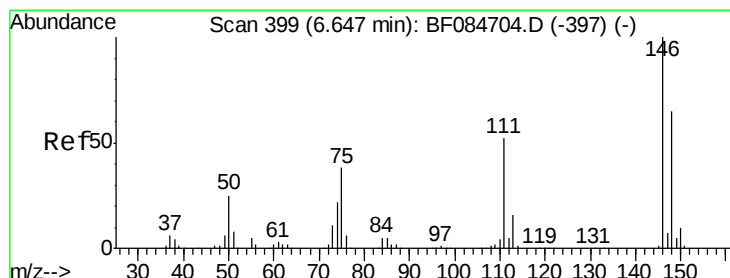
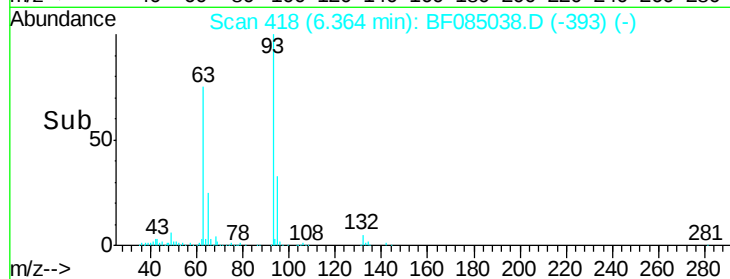
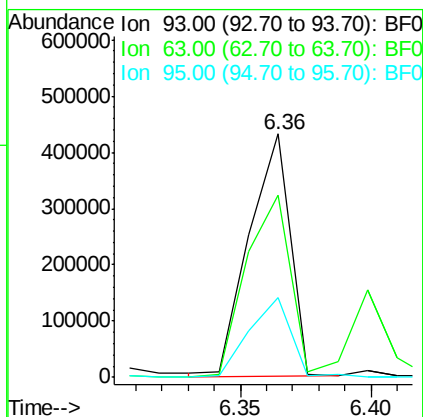
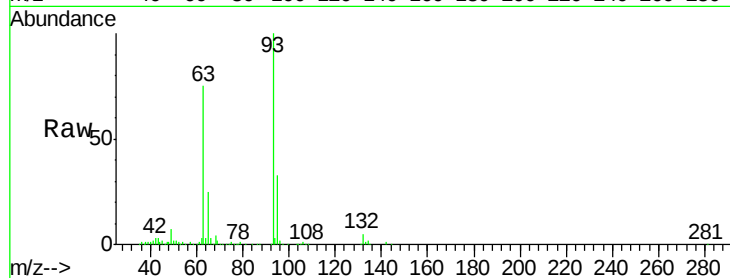




#11
 bis(2-Chloroethyl)ether
 Concen: 49.28 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

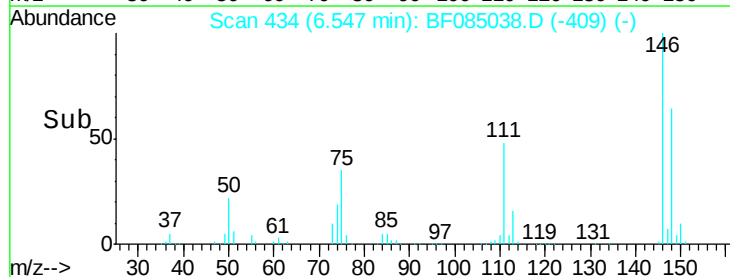
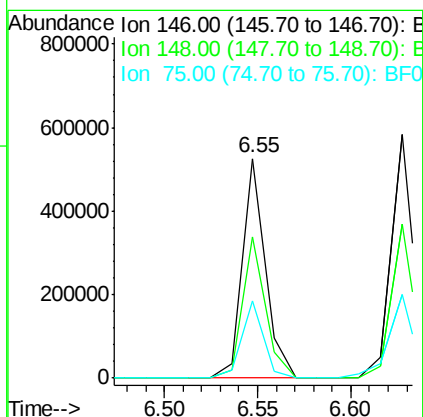
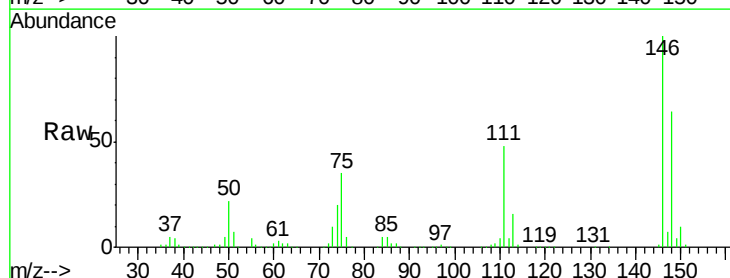
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

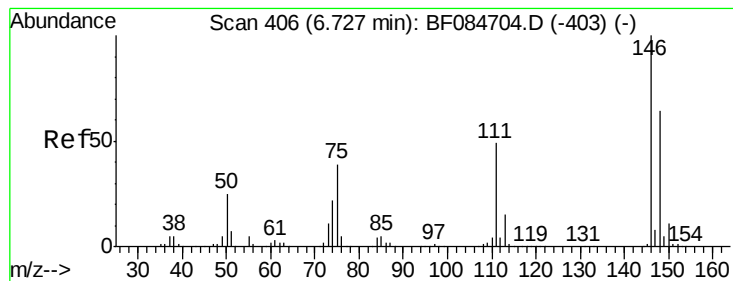
Tgt Ion: 93 Resp: 475501
 Ion Ratio Lower Upper
 93 100
 63 74.9 45.9 85.9
 95 32.9 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 42.26 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion: 146 Resp: 450282
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 75 35.4 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 45.39 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

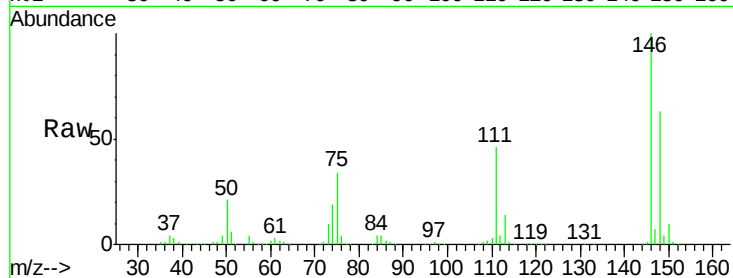
Tgt Ion:146 Resp: 483382

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

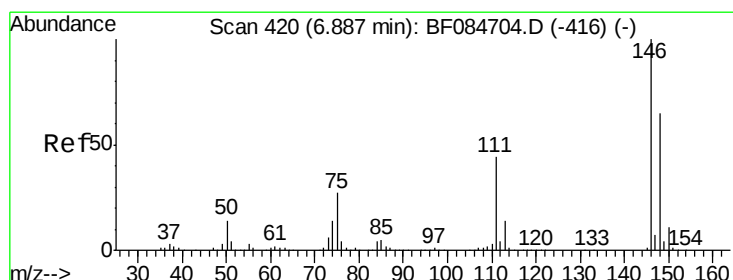
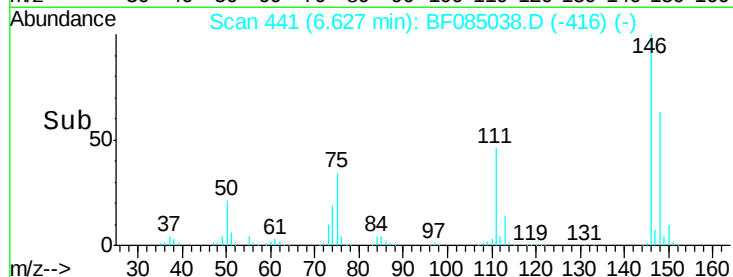
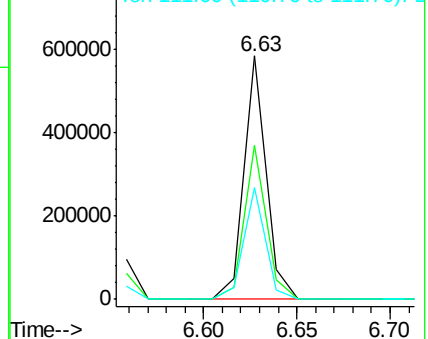
111 45.9 41.6 62.4



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: 42.41 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

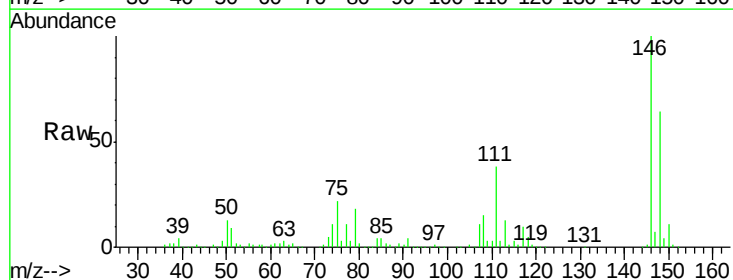
Tgt Ion:146 Resp: 420738

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

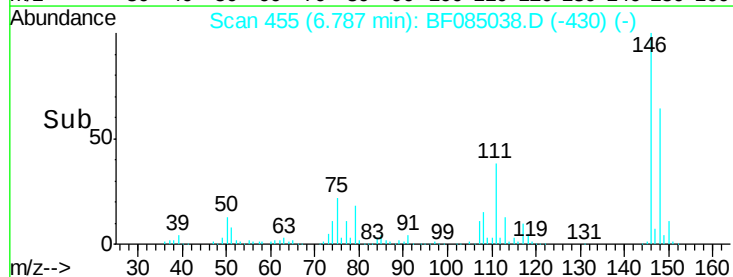
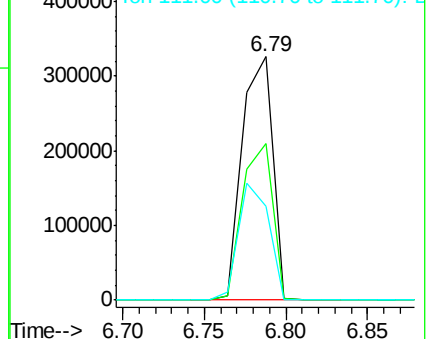
111 38.3 38.0 57.0

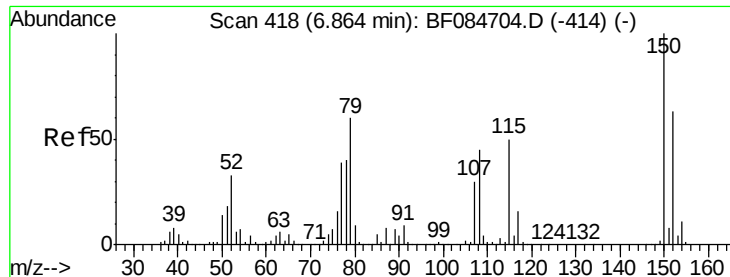


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

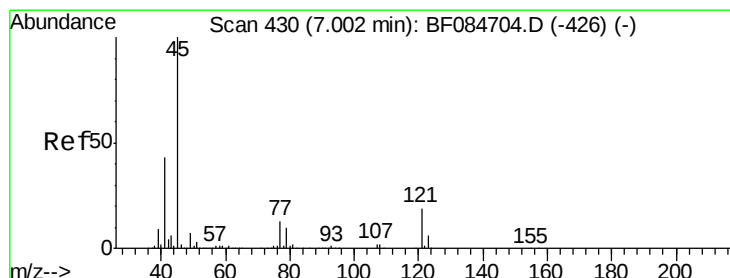
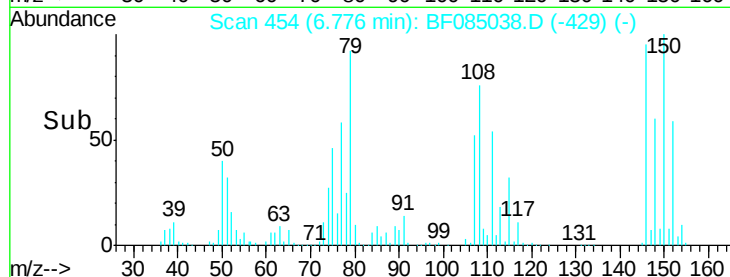
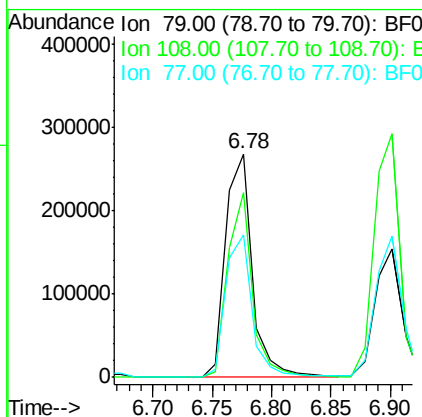
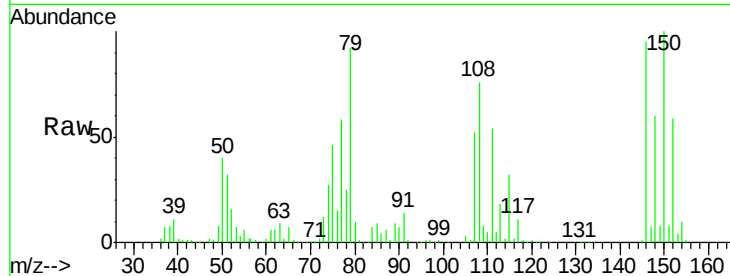




#15
Benzyl Alcohol
Concen: 54.71 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

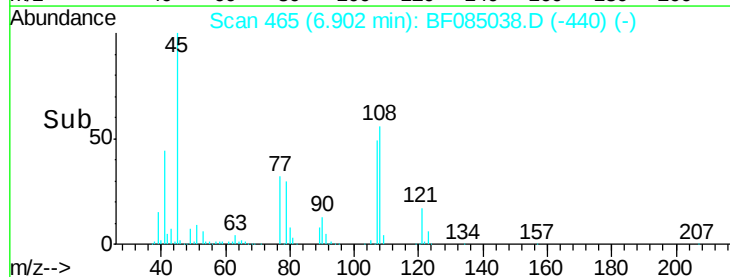
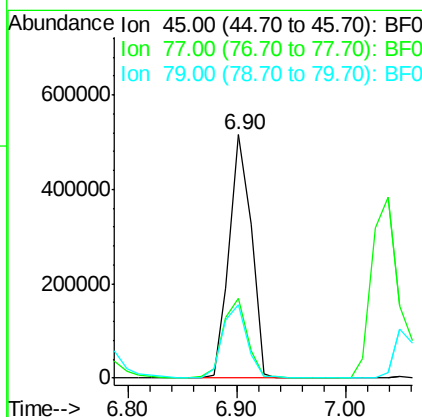
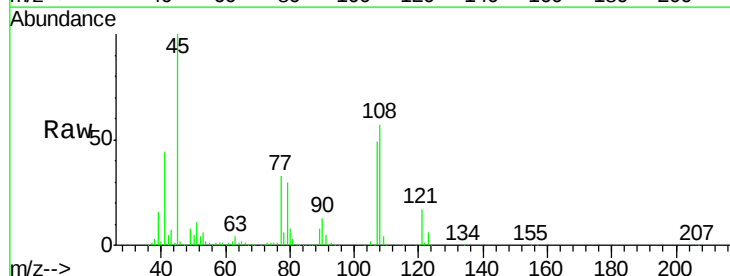
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

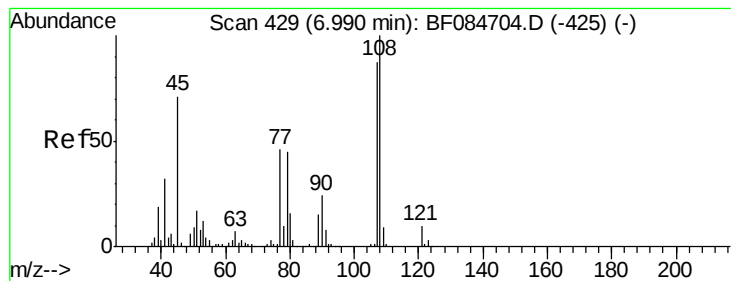
Tgt Ion: 79 Resp: 417224
Ion Ratio Lower Upper
79 100
108 82.7 69.0 103.4
77 63.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.46 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion: 45 Resp: 721591
Ion Ratio Lower Upper
45 100
77 33.0 0.0 39.6
79 30.0 0.0 35.0





#17

2-Methylphenol

Concen: 46.62 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

Tgt Ion:107 Resp: 371785

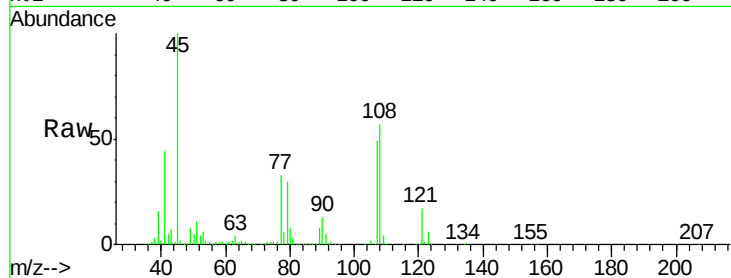
Ion Ratio Lower Upper

107 100

108 116.0 89.8 134.6

77 67.6 35.7 53.5#

79 61.4 35.7 53.5#

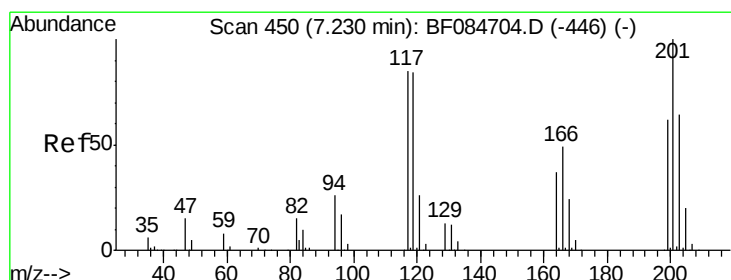
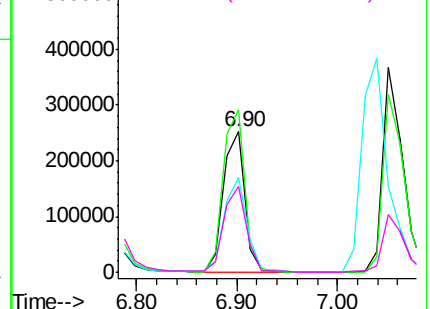
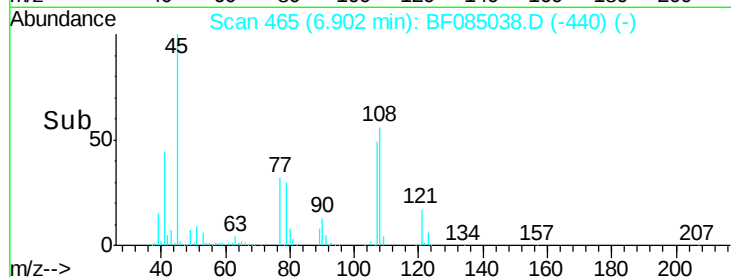


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.09 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

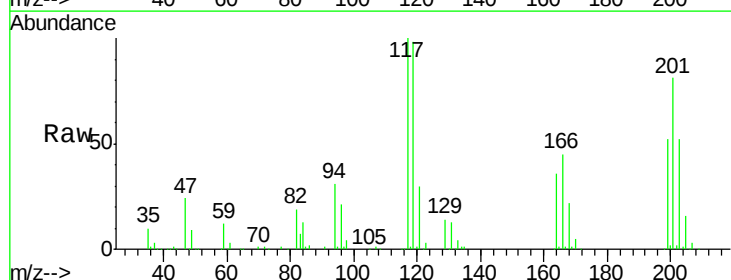
Tgt Ion:117 Resp: 197243

Ion Ratio Lower Upper

117 100

119 97.7 77.4 116.0

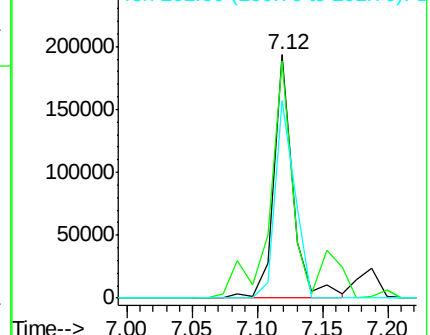
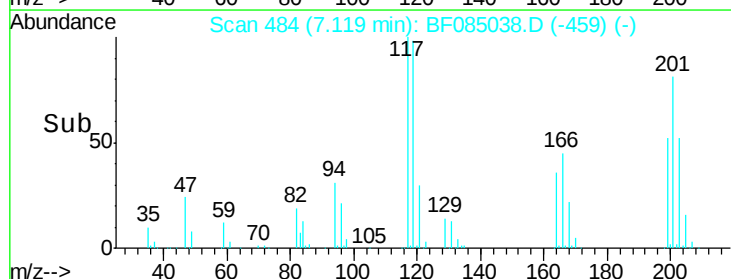
201 81.0 68.6 103.0

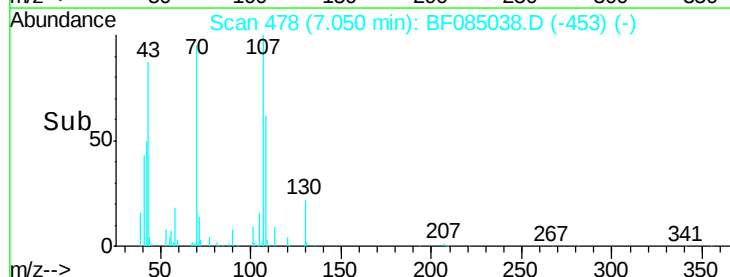
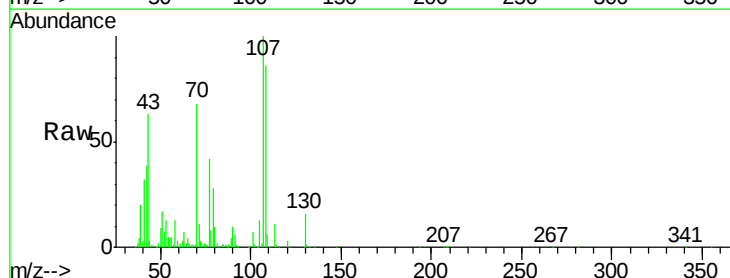
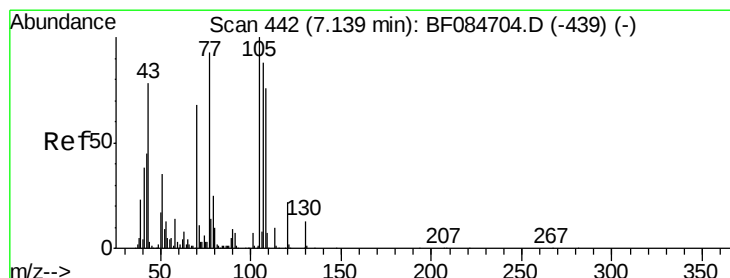
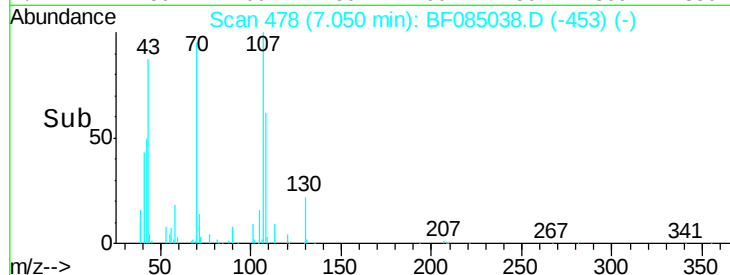
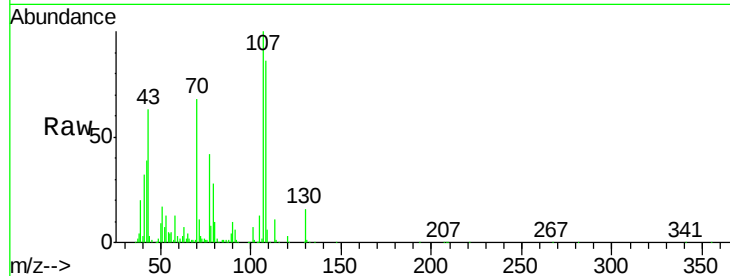
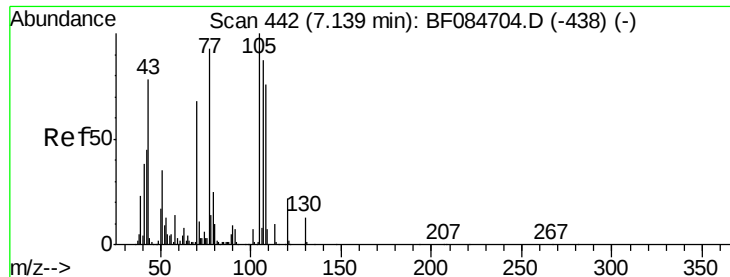


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

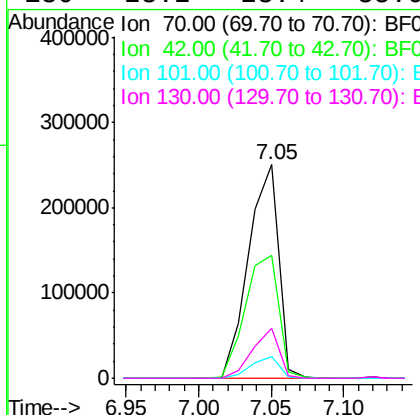




#19
n-Nitroso-di-n-propylamine
Concen: 52.10 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

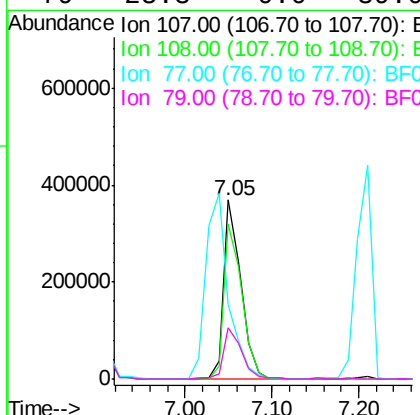
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Tgt Ion: 70 Resp: 360668
Ion Ratio Lower Upper
70 100
42 57.8 33.3 49.9#
101 10.4 9.3 13.9
130 23.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 51.21 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion: 107 Resp: 506966
Ion Ratio Lower Upper
107 100
108 86.4 74.6 114.6
77 41.8 0.7 40.7#
79 28.3 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

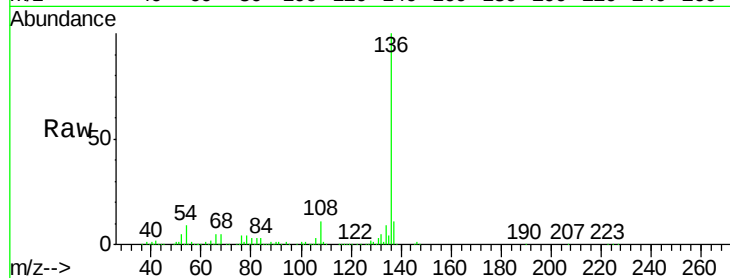
Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

Tgt Ion:	136	Resp:	587350
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	9.3	5.8	8.8#
68	5.1	4.2	6.2

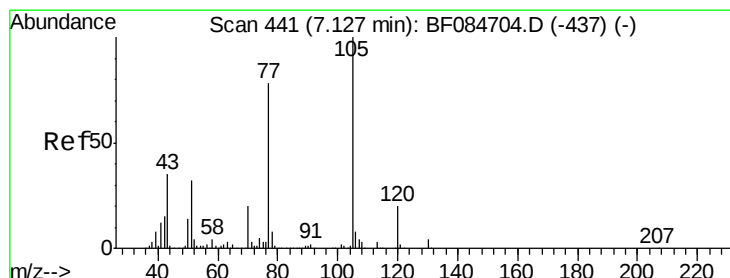
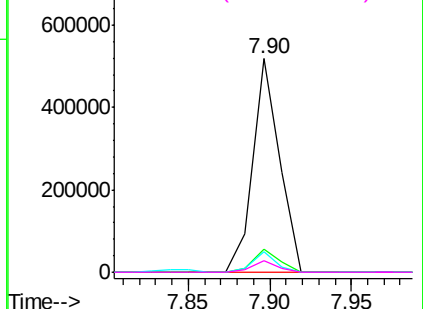
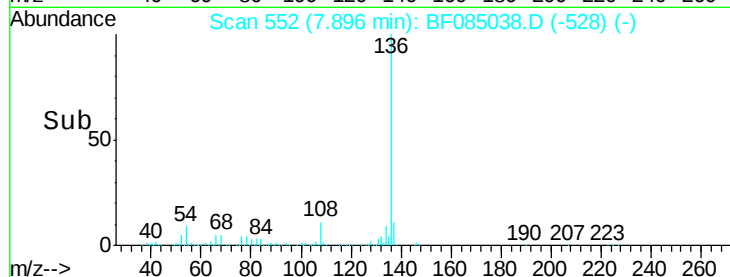


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.66 ng

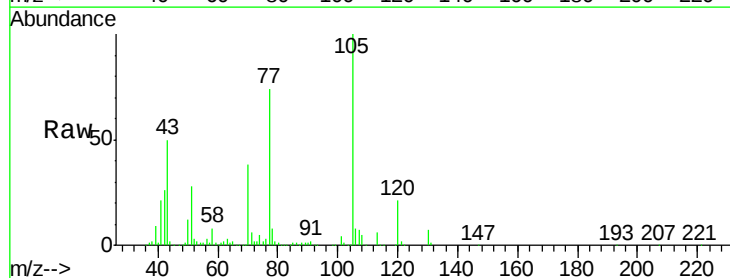
RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Tgt Ion:	105	Resp:	722304
Ion Ratio	Lower	Upper	
105	100		
71	6.3	3.7	5.5#
51	27.8	25.1	37.7
120	20.8	16.6	25.0

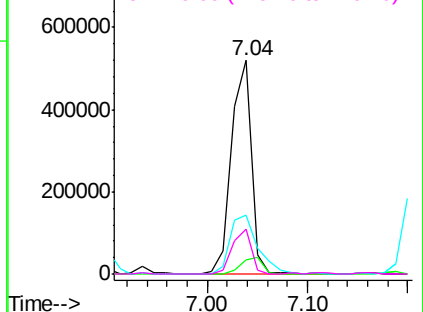
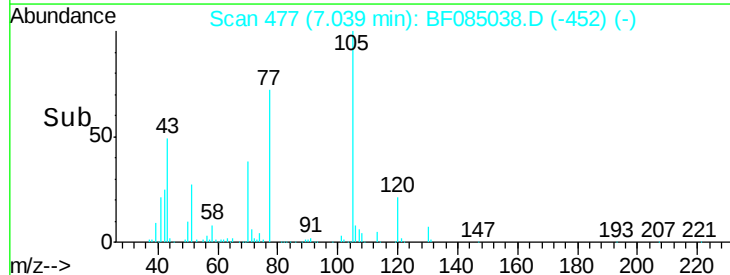


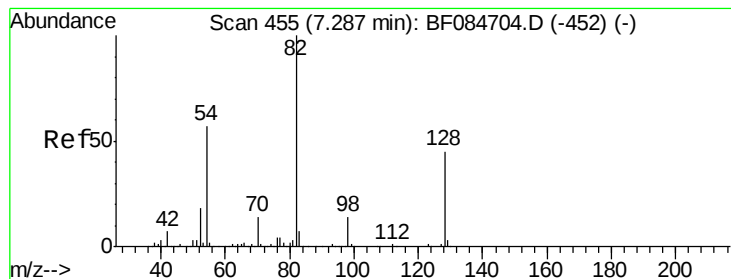
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.65 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

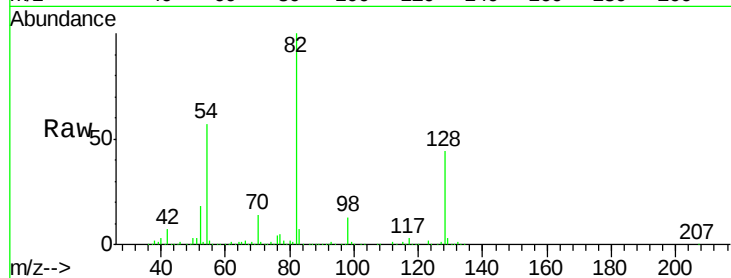
Tgt Ion: 82 Resp: 945175

Ion Ratio Lower Upper

82 100

128 44.1 34.6 51.8

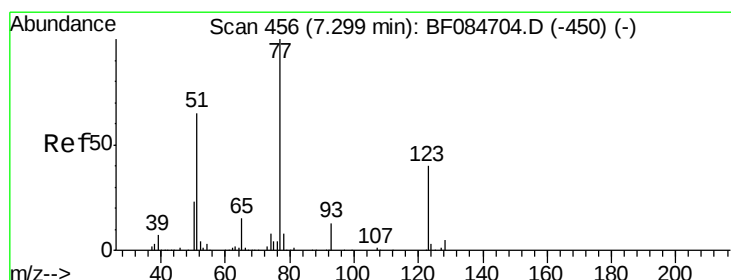
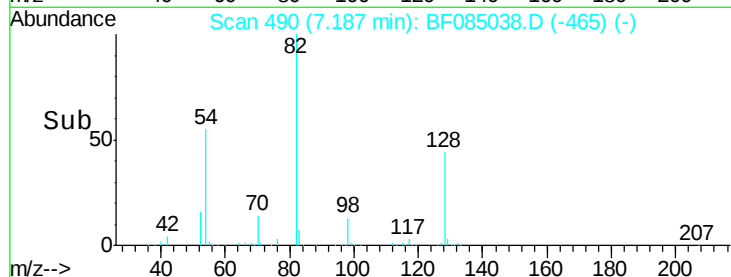
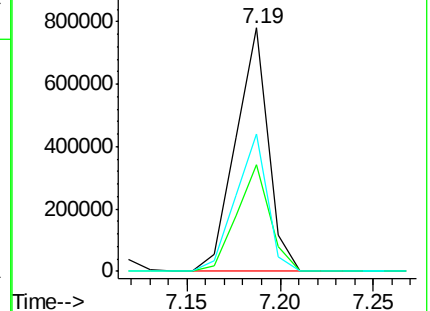
54 56.7 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.70 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

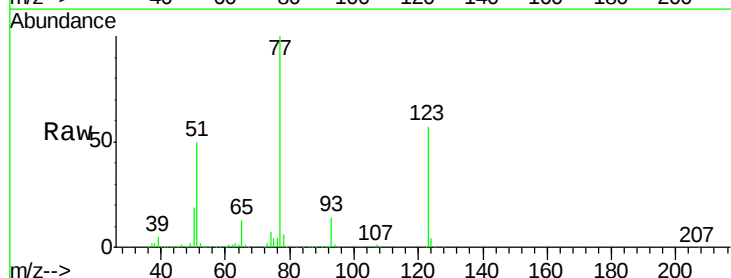
Tgt Ion: 77 Resp: 532594

Ion Ratio Lower Upper

77 100

123 57.1 37.4 56.2#

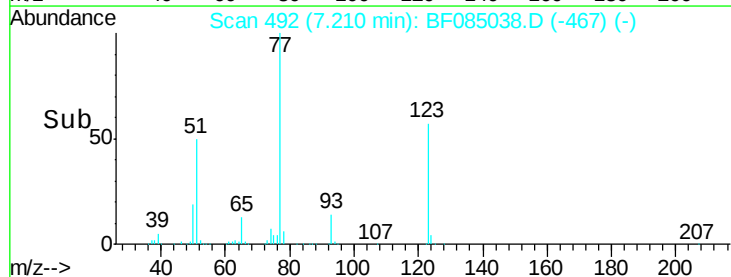
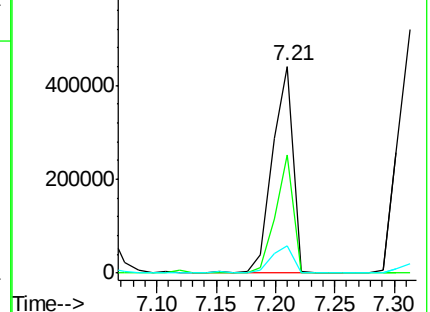
65 13.5 10.9 16.3

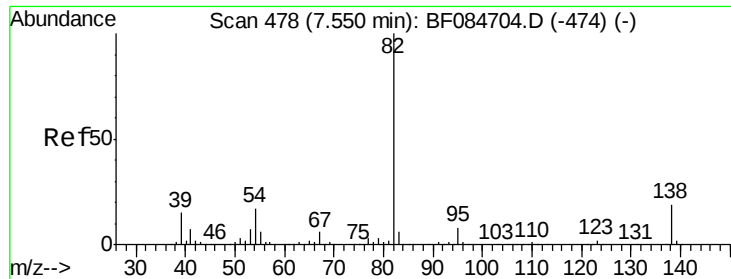


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.99 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

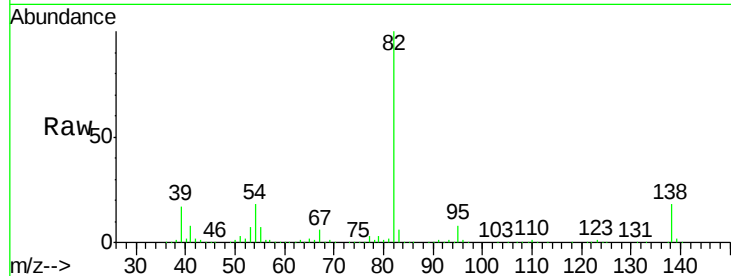
Tgt Ion: 82 Resp: 952653

Ion Ratio Lower Upper

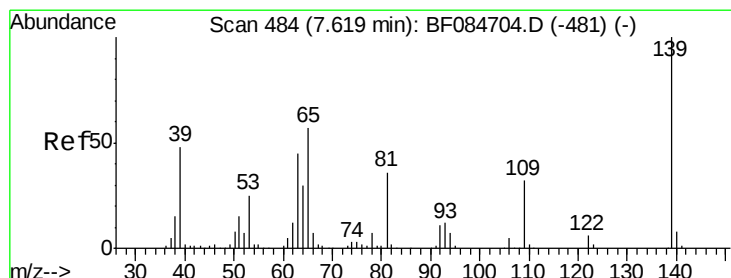
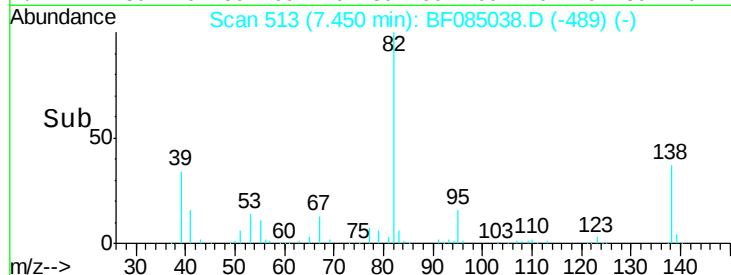
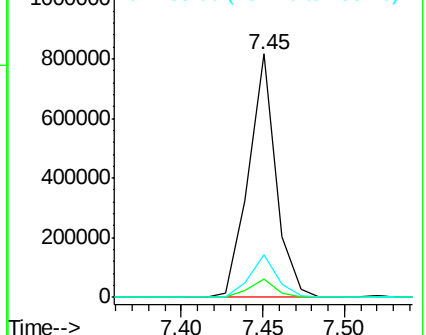
82 100

95 7.7 6.6 10.0

138 17.7 13.6 20.4



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: 45.34 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

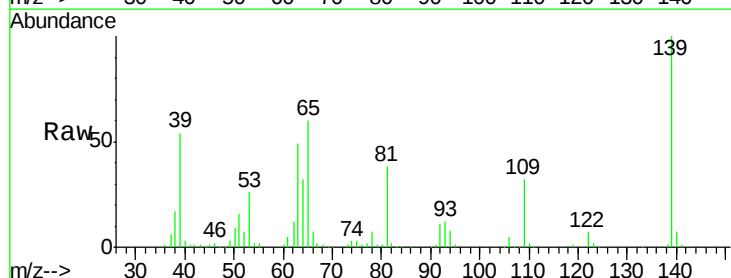
Tgt Ion: 139 Resp: 249669

Ion Ratio Lower Upper

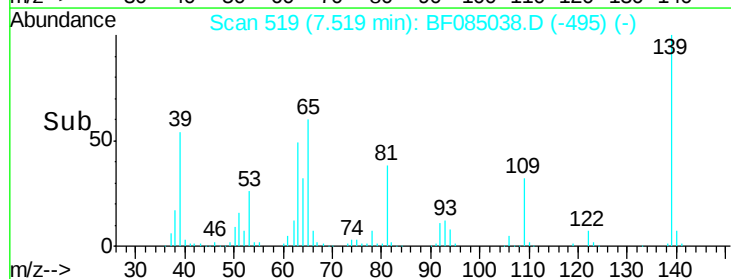
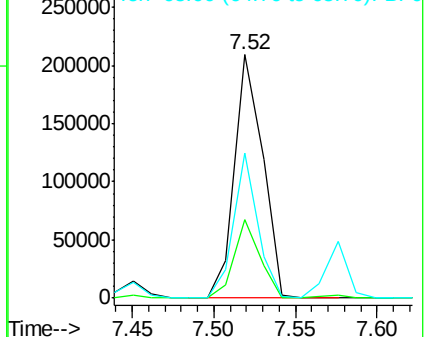
139 100

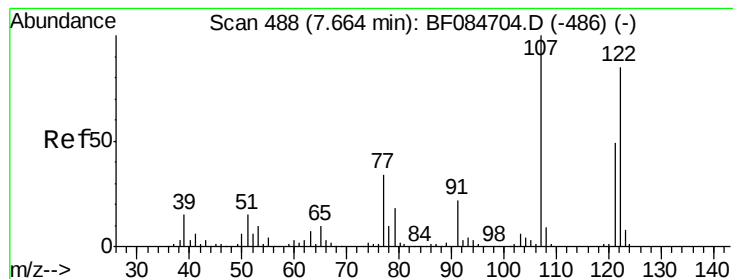
109 32.1 25.4 38.2

65 59.6 32.3 48.5#



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: 44.67 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

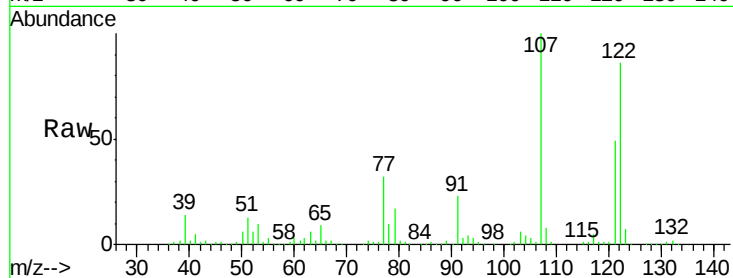
Tgt Ion:122 Resp: 427894

Ion Ratio Lower Upper

122 100

107 116.8 99.1 148.7

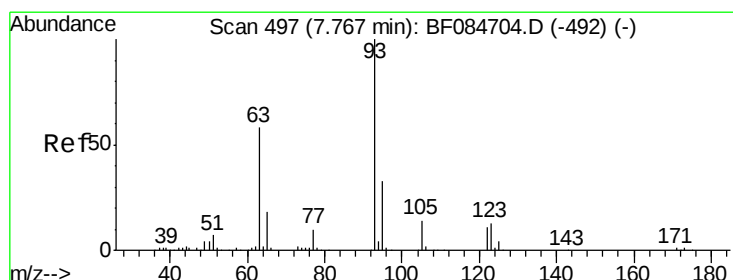
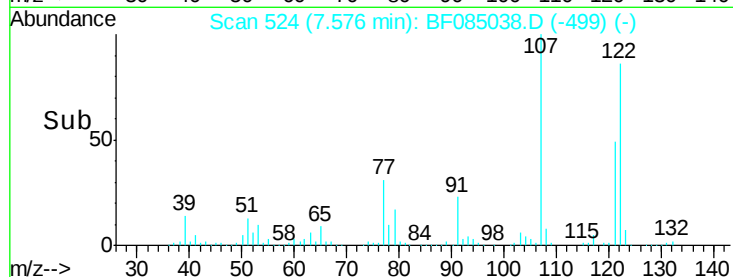
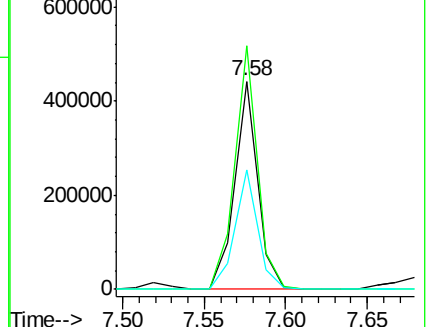
121 57.3 47.9 71.9



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: 51.20 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

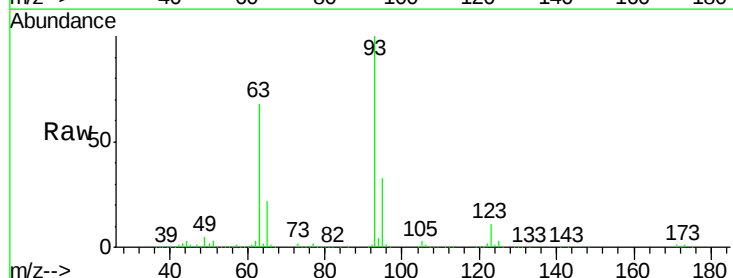
Tgt Ion: 93 Resp: 615880

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

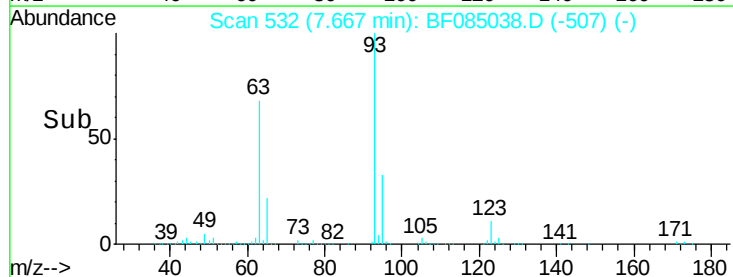
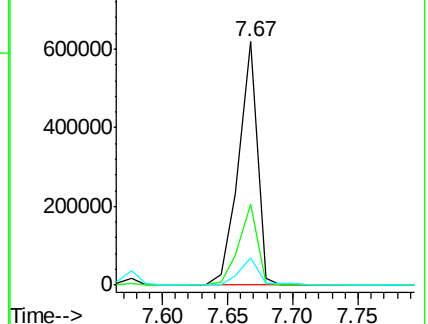
123 11.0 8.6 12.8

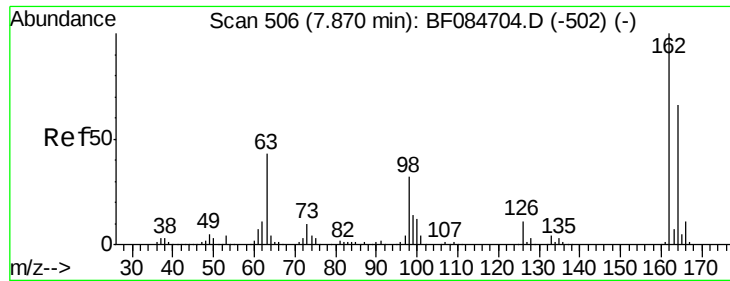


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

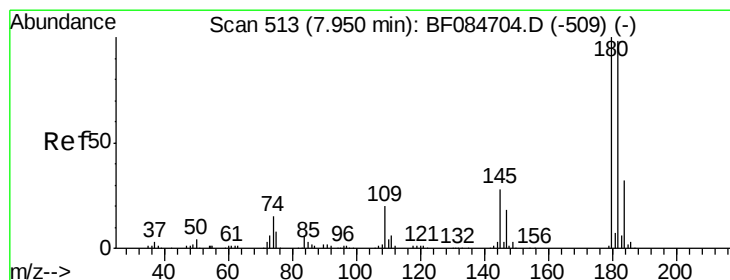
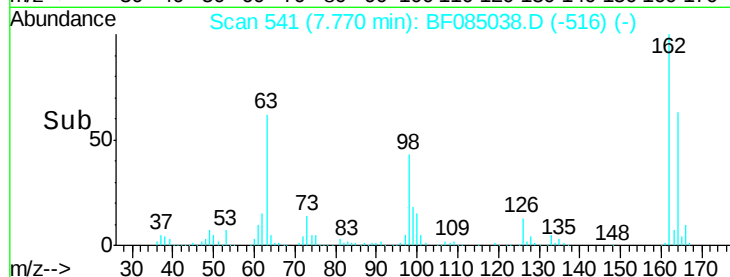
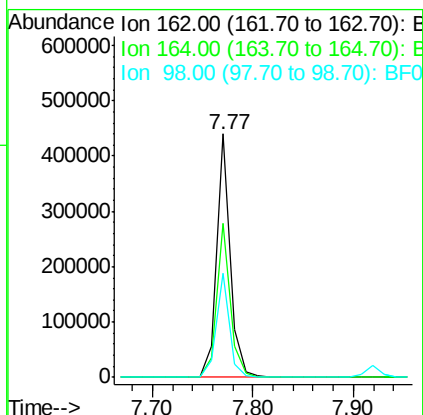
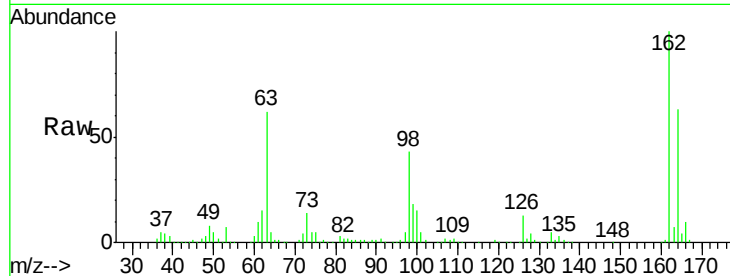




#29
 2,4-Dichlorophenol
 Concen: 50.12 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

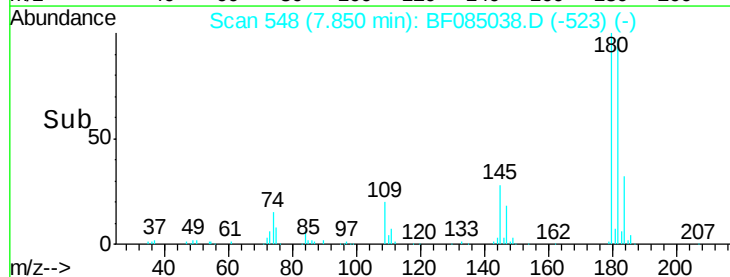
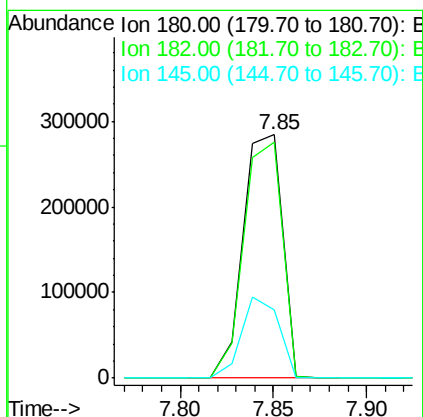
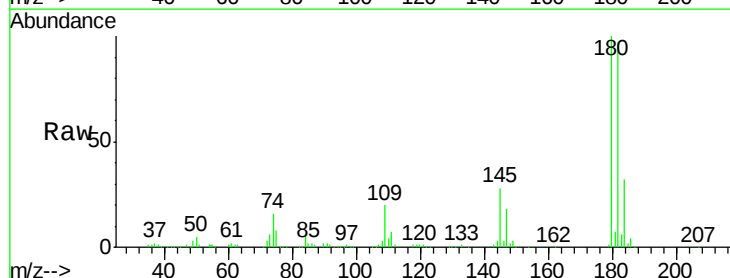
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

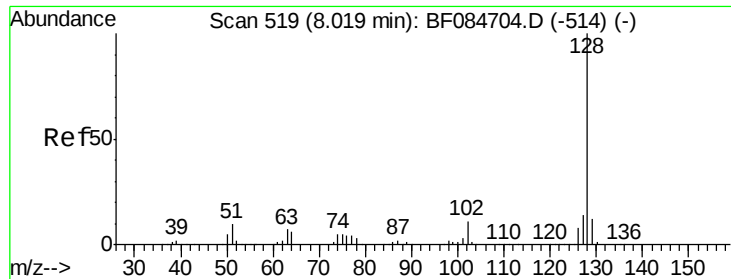
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.1	84.1
98	42.6	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.73 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	28.3	31.6	47.4

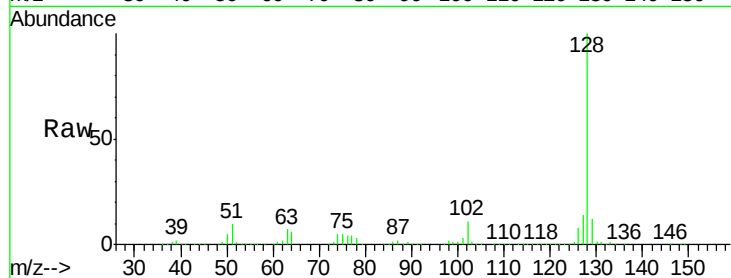




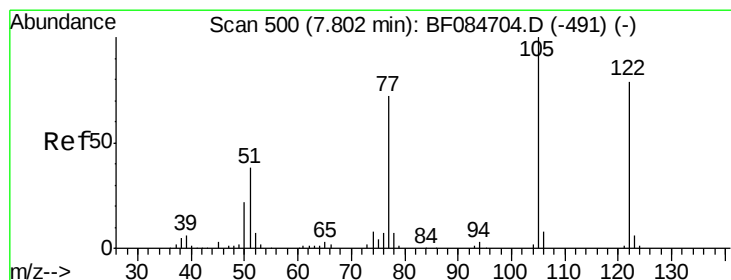
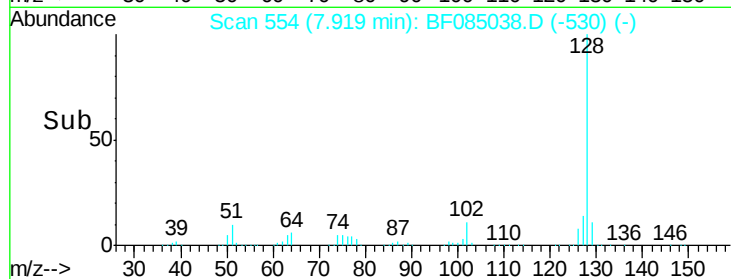
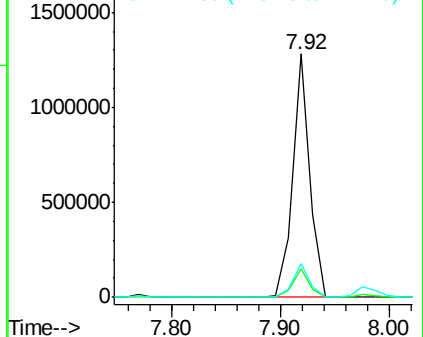
#31
Naphthalene
Concen: 47.56 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Tgt Ion:128 Resp: 1401203
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.1 16.7

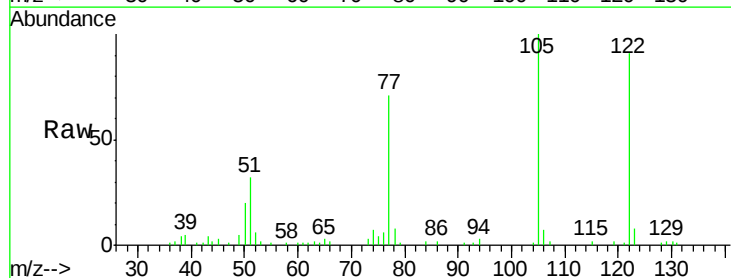


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

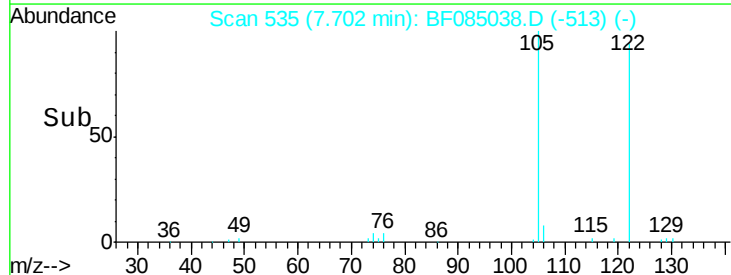
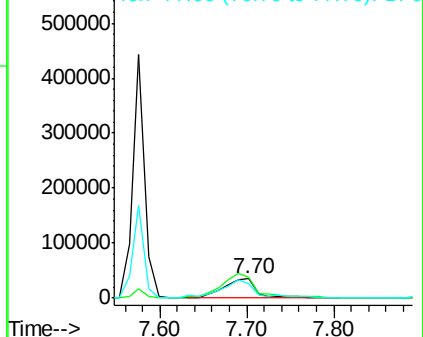


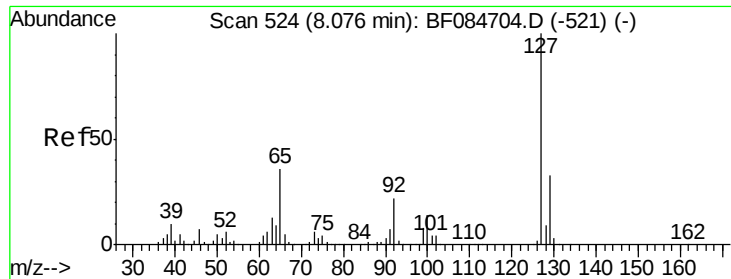
#32
Benzoic acid
Concen: 15.08 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion:122 Resp: 92371
Ion Ratio Lower Upper
122 100
105 110.3 100.3 140.3
77 78.5 63.5 103.5



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

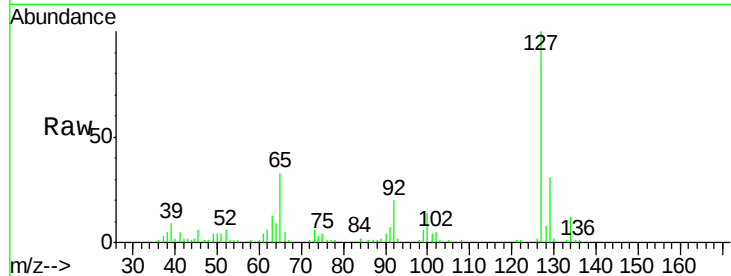




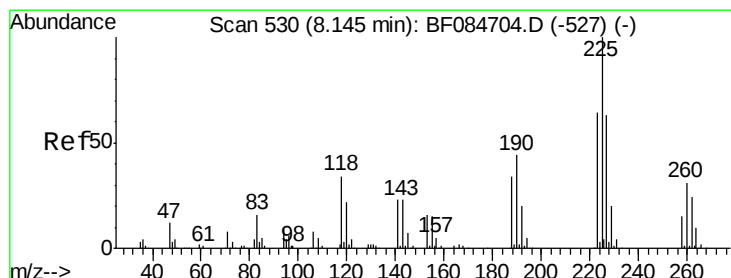
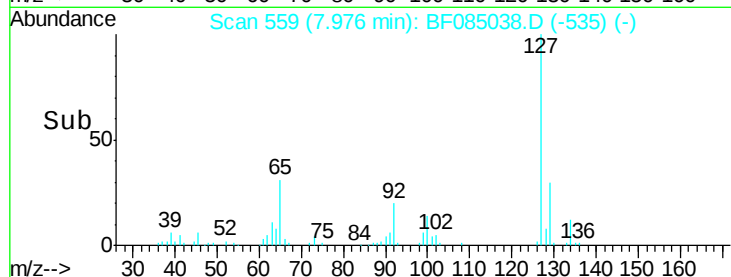
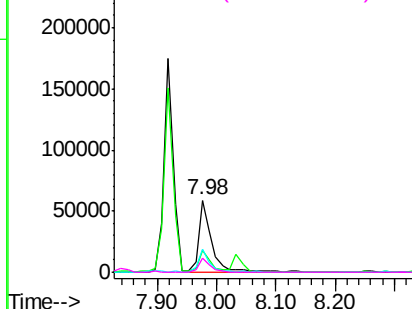
#33
4-Chloroaniline
Concen: 7.45 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Tgt Ion:	127	Resp:	90825
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	32.6	27.2	40.8
92	20.1	17.7	26.5

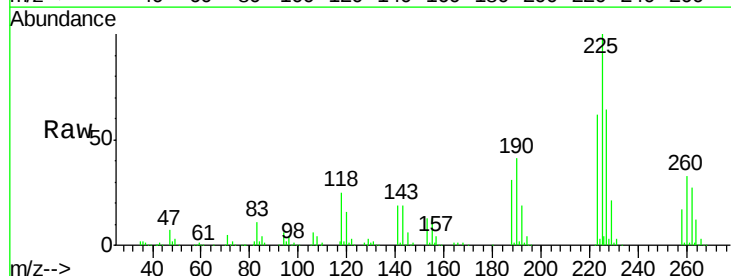


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

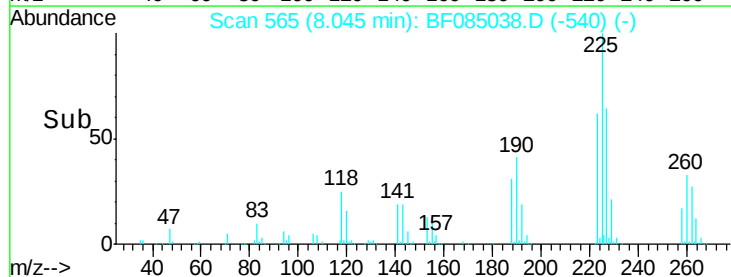
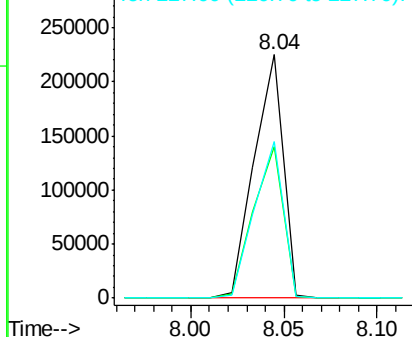


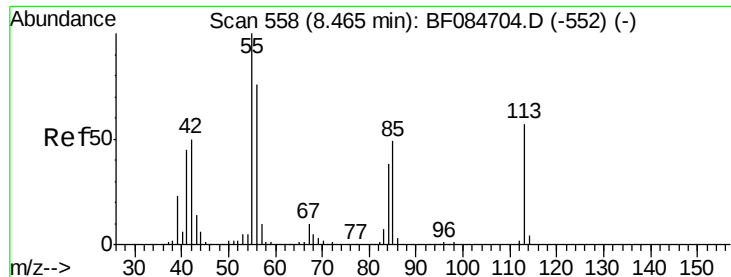
#34
Hexachlorobutadiene
Concen: 45.61 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion:	225	Resp:	243455
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	64.2	50.8	76.2



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

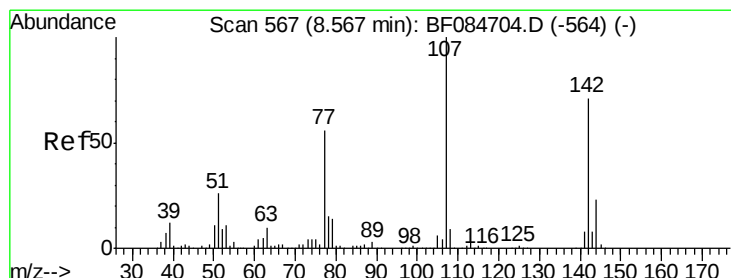
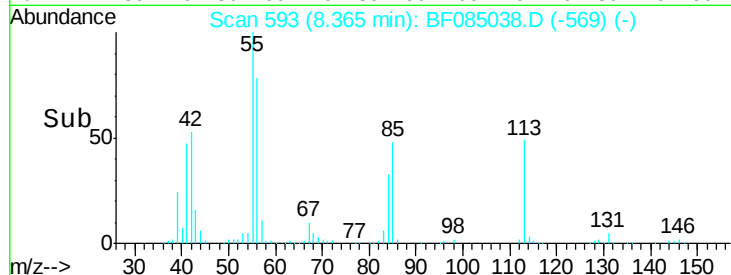
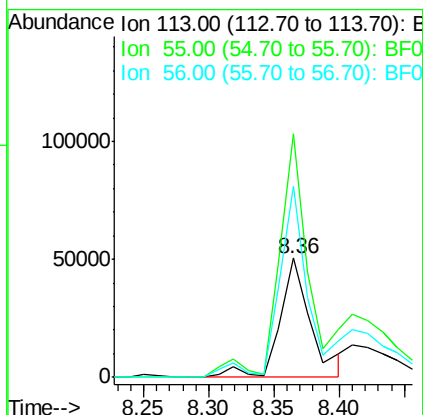
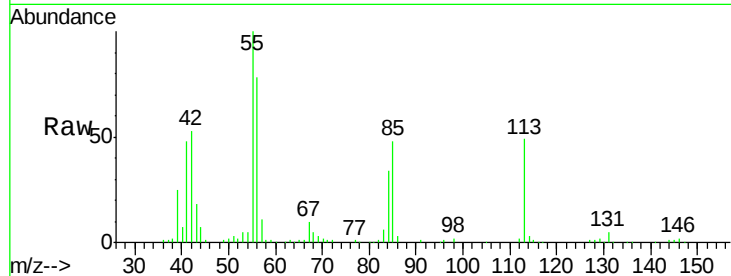




#35
 Caprolactam
 Concen: 33.18 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

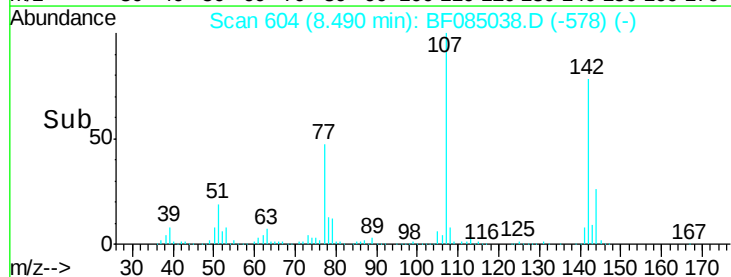
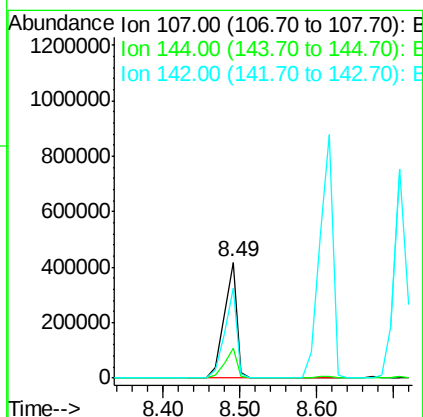
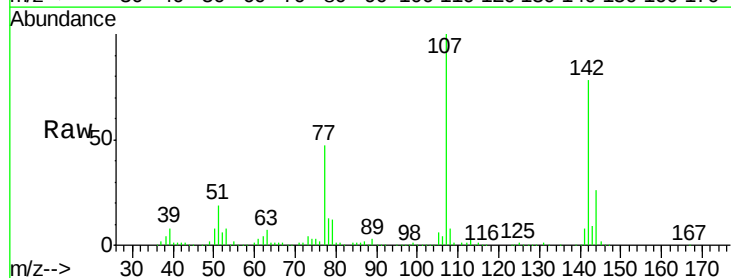
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

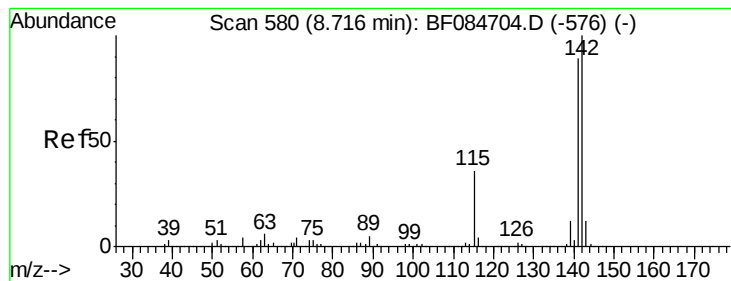
Tgt Ion:113 Resp: 83810
 Ion Ratio Lower Upper
 113 100
 55 204.8 116.9 156.9#
 56 160.7 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 52.46 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:107 Resp: 490484
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.7 29.5
 142 78.2 61.8 92.6





#37

2-Methylnaphthalene

Concen: 55.63 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

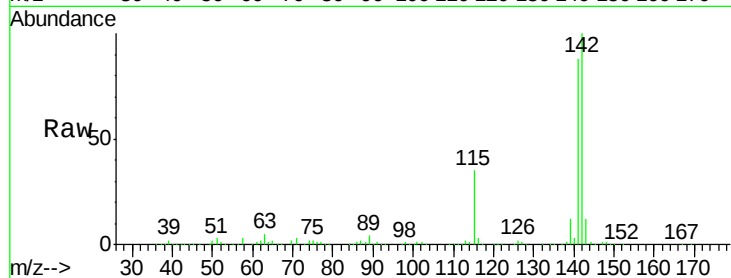
Tgt Ion:142 Resp: 1025734

Ion Ratio Lower Upper

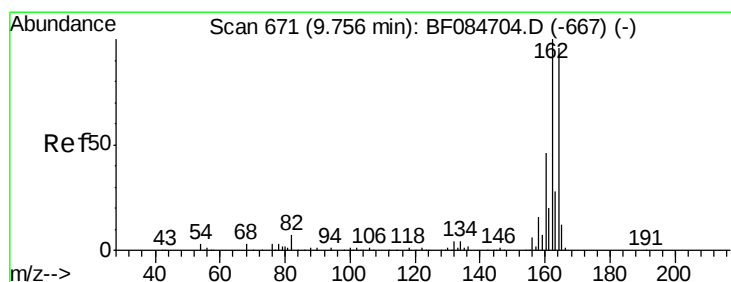
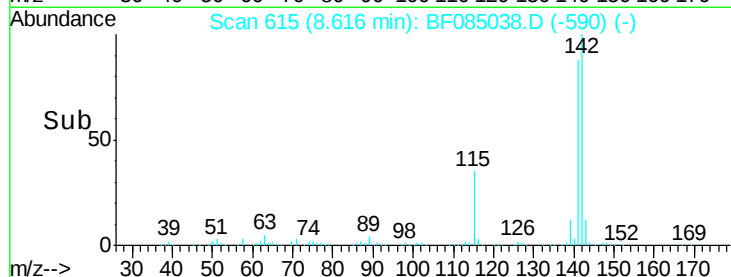
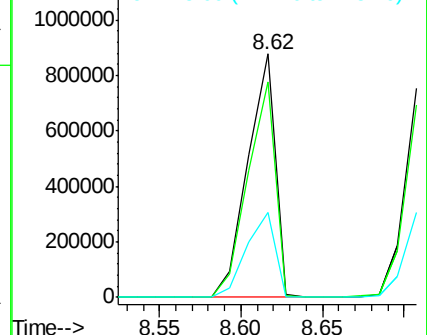
142 100

141 88.4 72.4 108.6

115 34.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

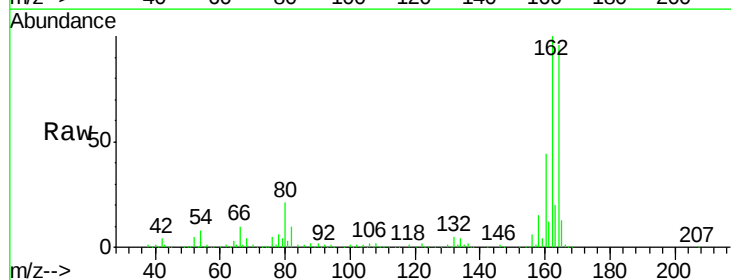
Tgt Ion:164 Resp: 274080

Ion Ratio Lower Upper

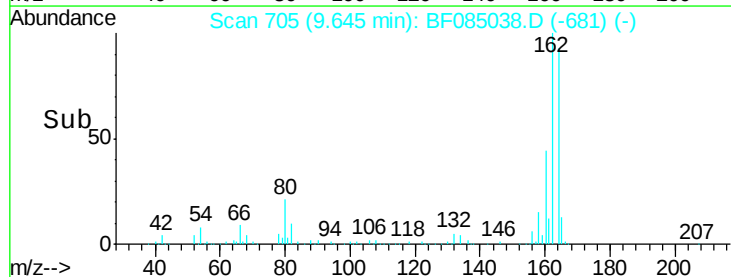
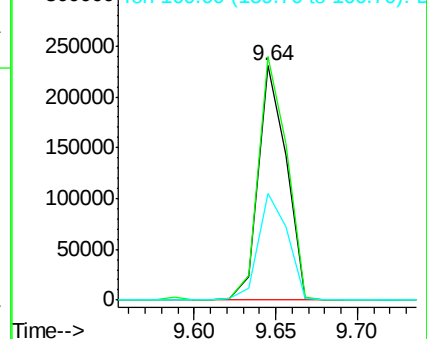
164 100

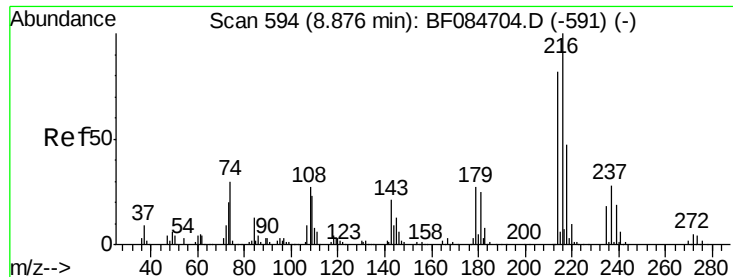
162 103.9 85.1 127.7

160 45.7 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

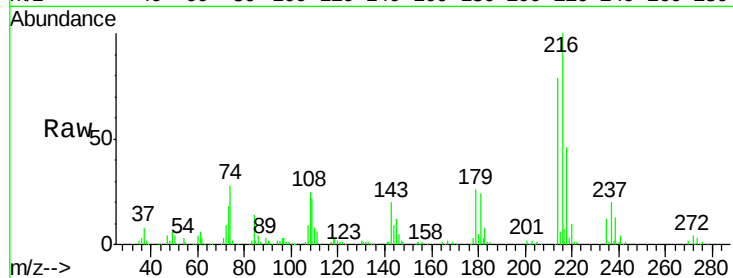




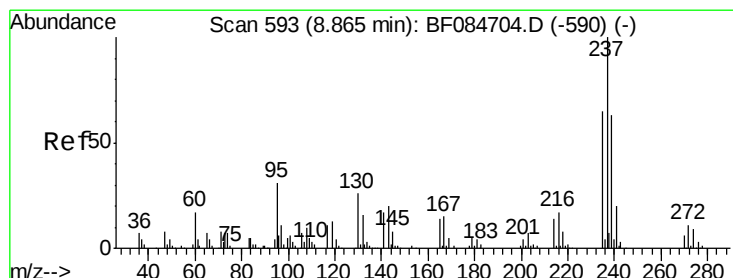
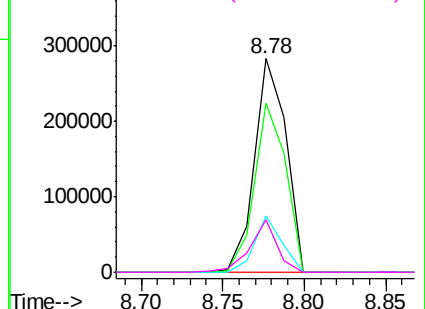
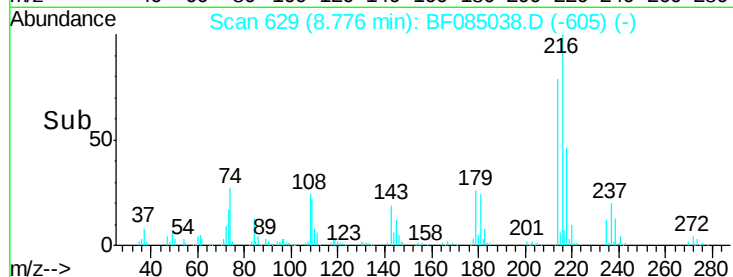
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.55 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Tgt Ion:216 Resp: 379124
 Ion Ratio Lower Upper
 216 100
 214 78.6 64.2 96.2
 179 22.8 18.7 28.1
 108 21.0 16.8 25.2

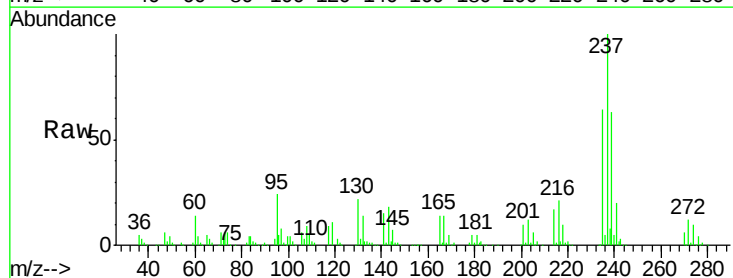


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

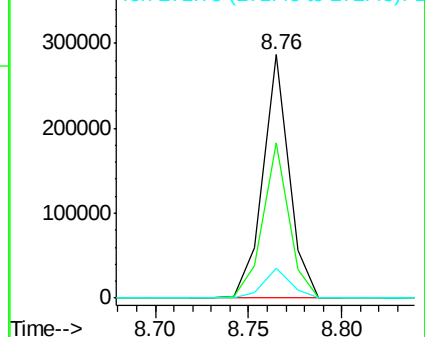
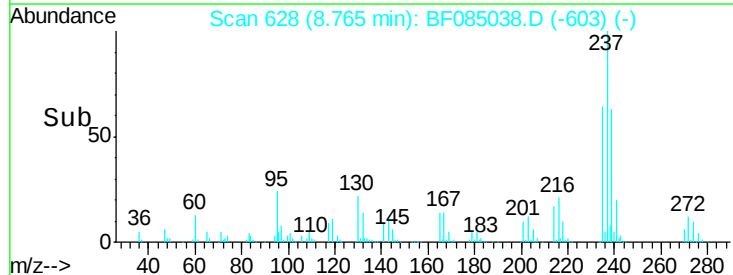


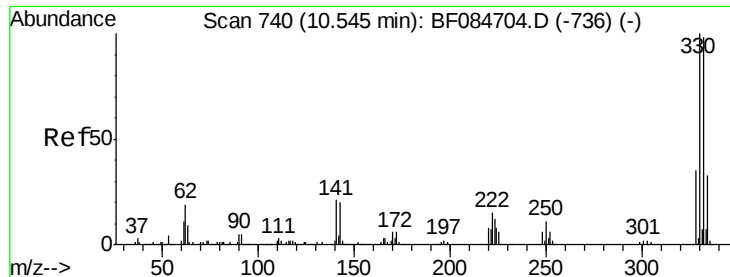
#40
 Hexachlorocyclopentadiene
 Concen: 74.40 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:237 Resp: 277669
 Ion Ratio Lower Upper
 237 100
 235 63.6 43.1 83.1
 272 12.1 0.0 35.1



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

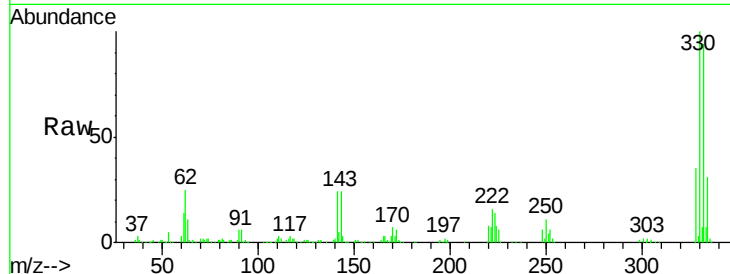




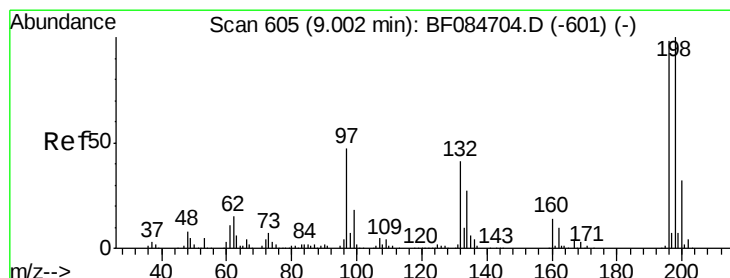
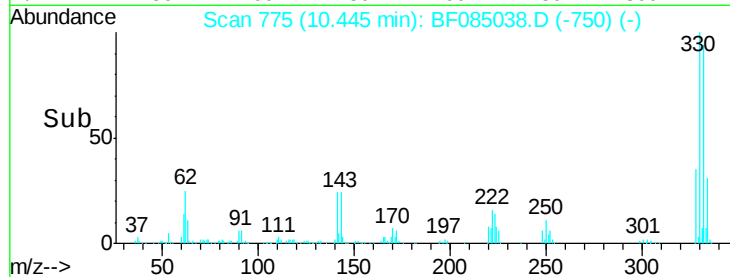
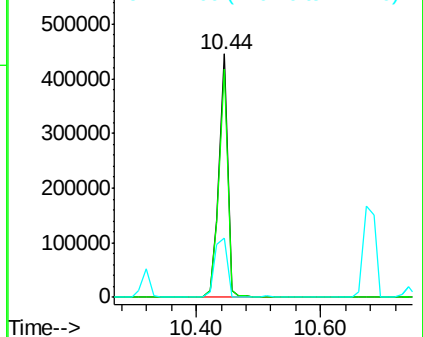
#41
 2,4,6-Tribromophenol
 Concen: 150.62 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Tgt Ion:330 Resp: 430592
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 114.8
 141 35.2 27.8 41.6

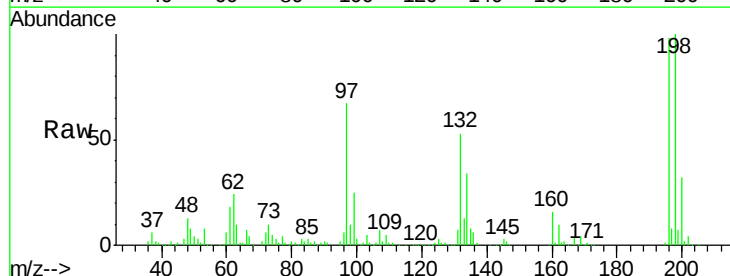


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

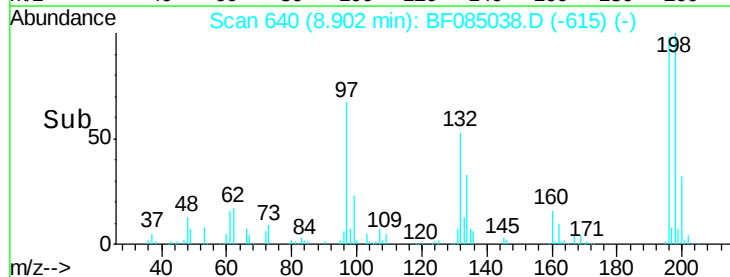
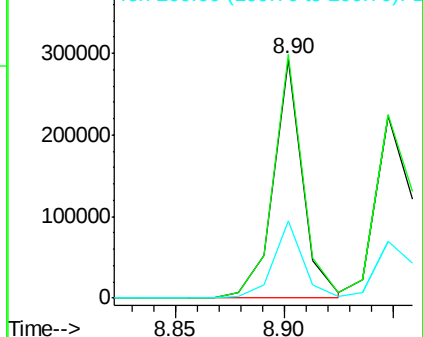


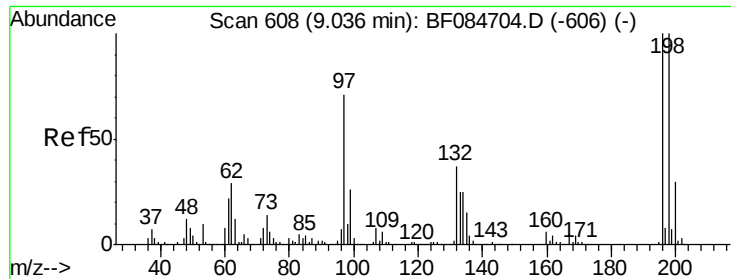
#42
 2,4,6-Trichlorophenol
 Concen: 49.29 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:196 Resp: 276387
 Ion Ratio Lower Upper
 196 100
 198 101.9 77.7 116.5
 200 32.3 24.6 37.0



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

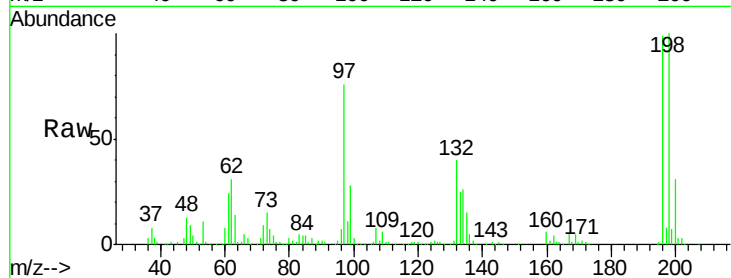




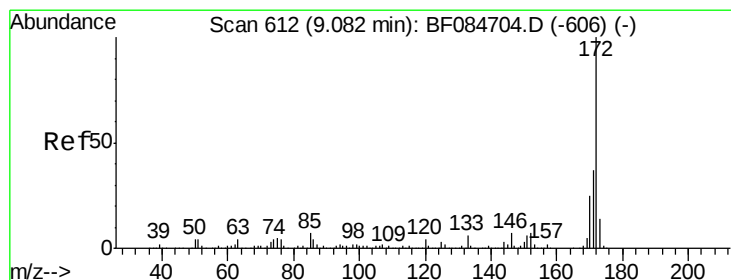
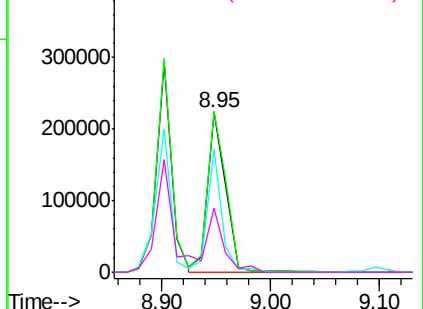
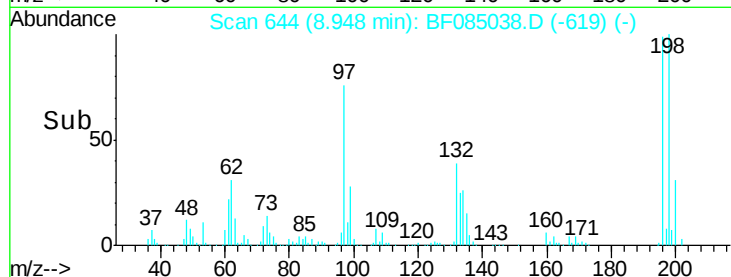
#43
 2,4,5-Trichlorophenol
 Concen: 45.49 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Tgt Ion:196 Resp: 259229
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.0 118.6
 97 77.0 33.0 49.6#
 132 39.8 21.1 31.7#

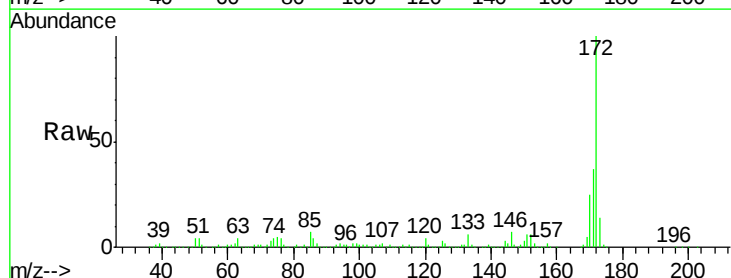


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

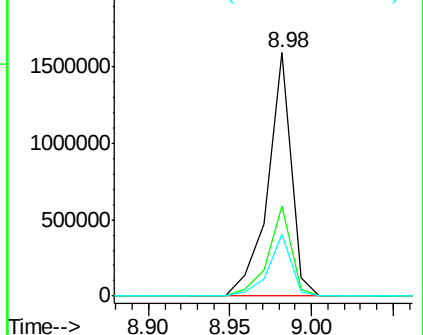
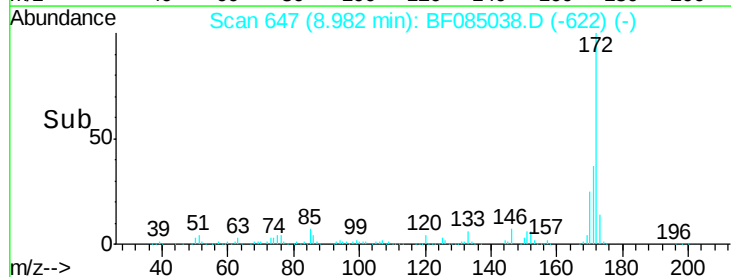


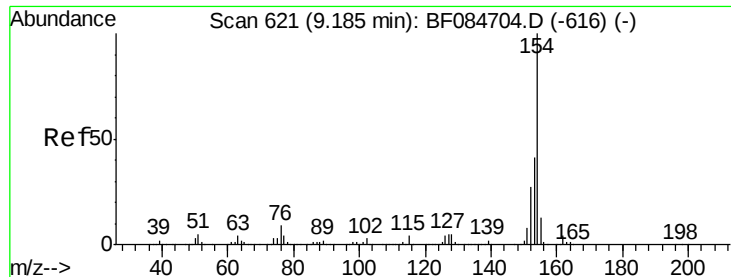
#44
 2-Fluorobiphenyl
 Concen: 108.05 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:172 Resp: 1599077
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.3 18.6 27.8



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: 47.30 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

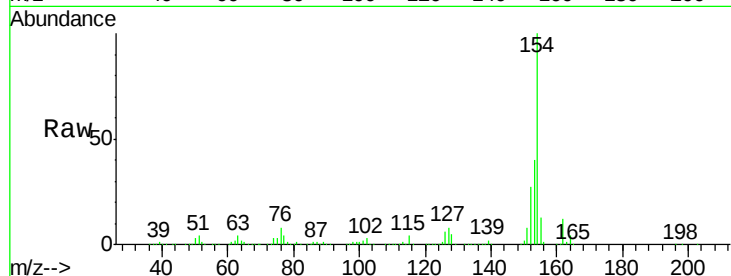
Tgt Ion:154 Resp: 1157988

Ion Ratio Lower Upper

154 100

153 40.0 21.6 61.6

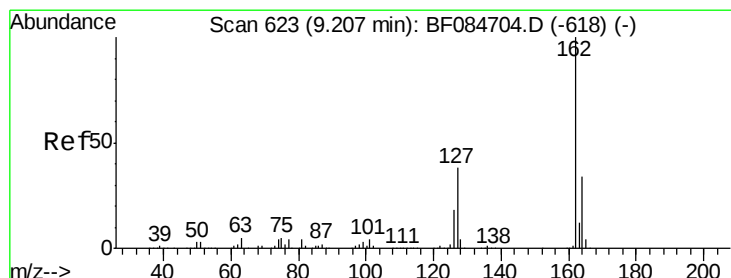
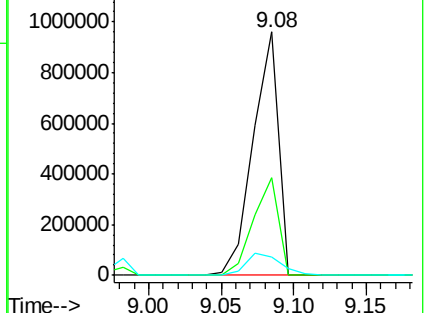
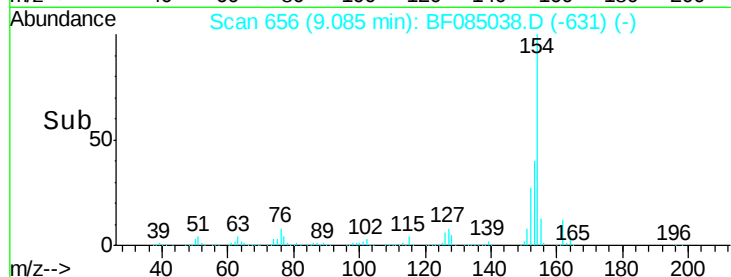
76 7.6 0.0 32.7



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: 46.09 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

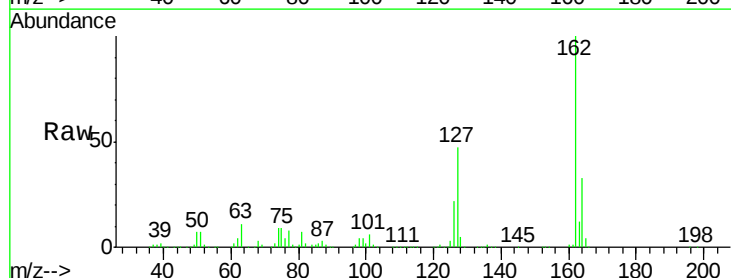
Tgt Ion:162 Resp: 830846

Ion Ratio Lower Upper

162 100

127 46.5 40.2 60.4

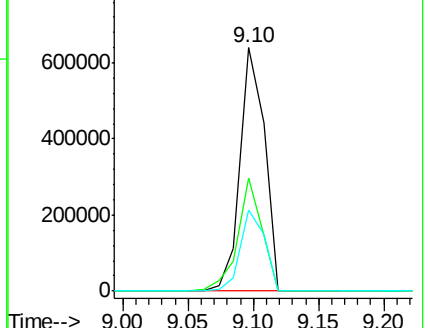
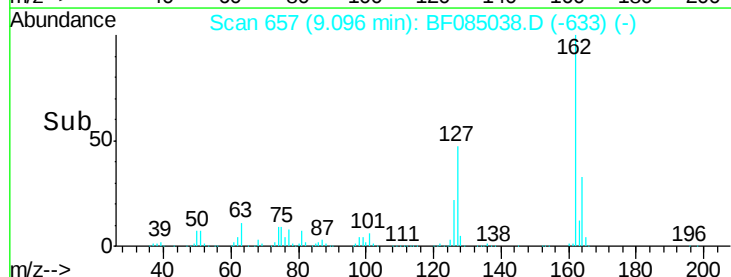
164 33.0 25.7 38.5

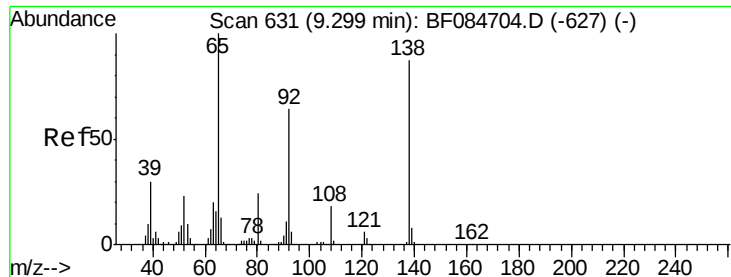


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

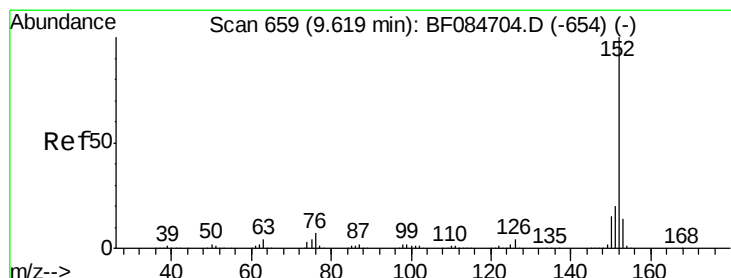
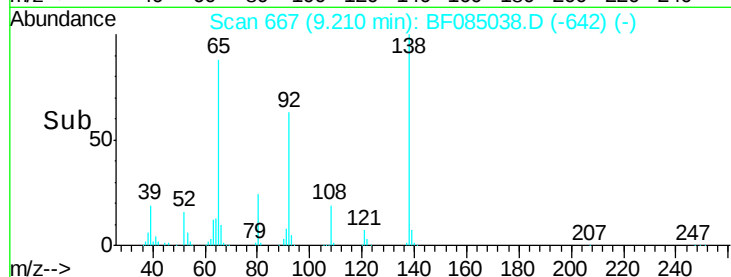
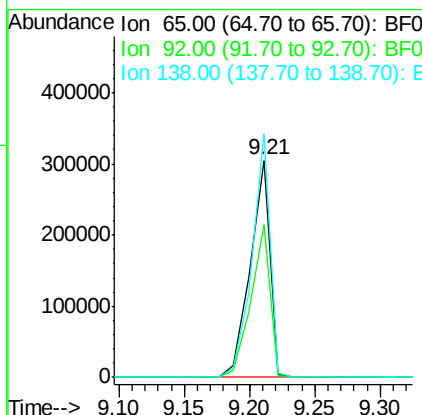
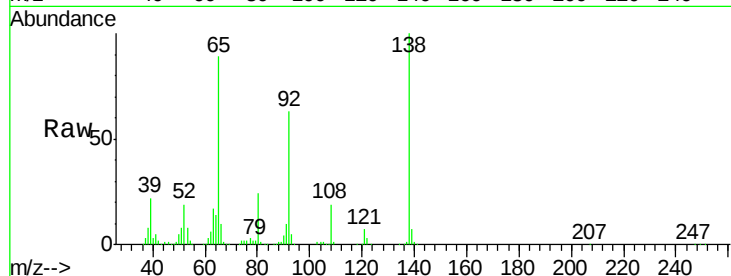




#47
2-Nitroaniline
Concen: 56.09 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

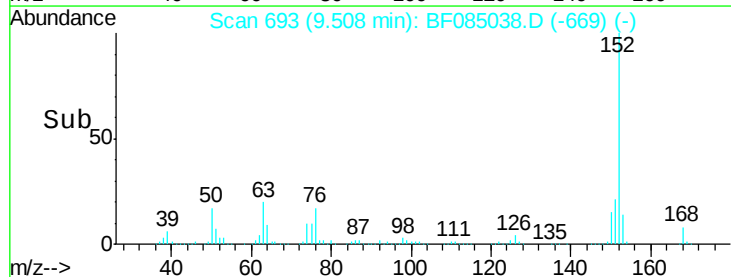
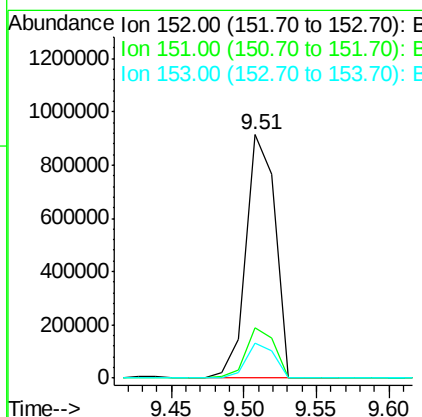
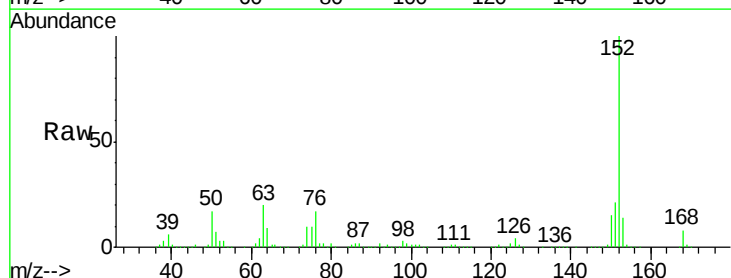
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

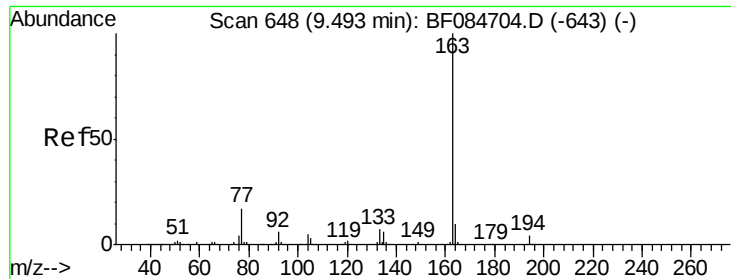
Tgt Ion: 65 Resp: 320175
Ion Ratio Lower Upper
65 100
92 70.4 53.4 80.2
138 112.2 71.1 106.7#



#48
Acenaphthylene
Concen: 46.38 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion: 152 Resp: 1268916
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.4 10.4 15.6

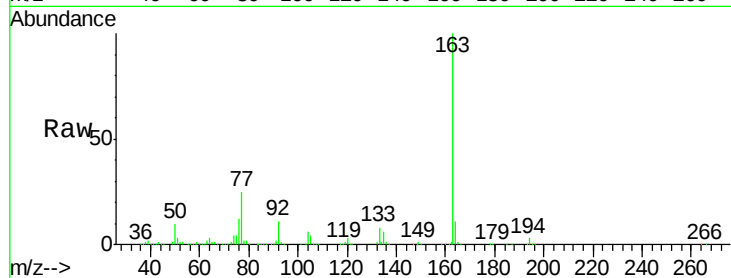




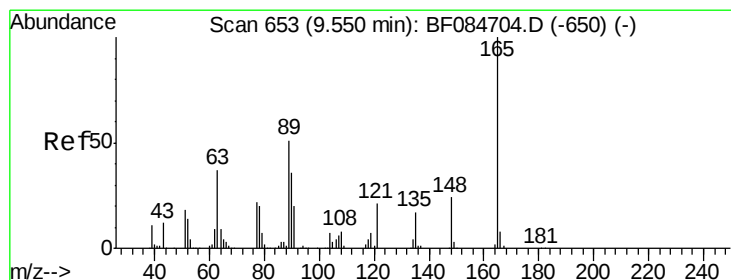
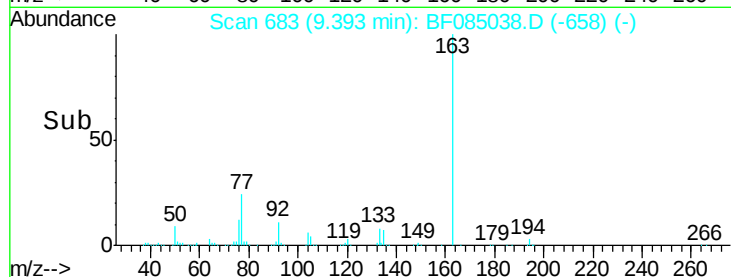
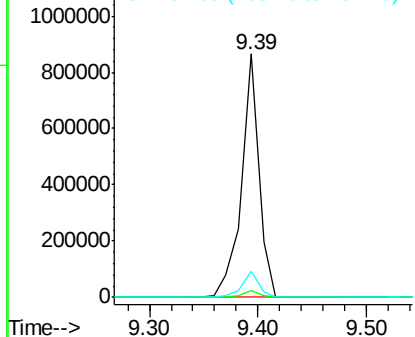
#49
Dimethylphthalate
Concen: 45.71 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.7	8.0	12.0

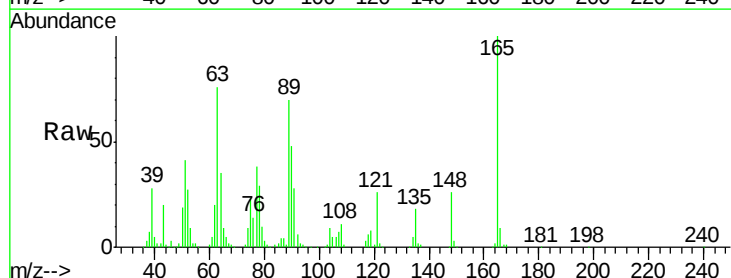


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

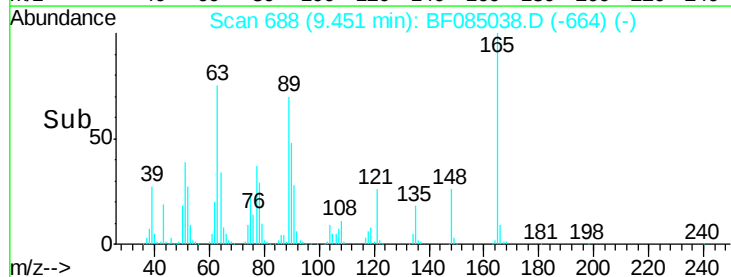
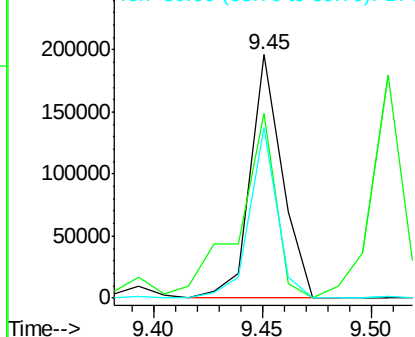


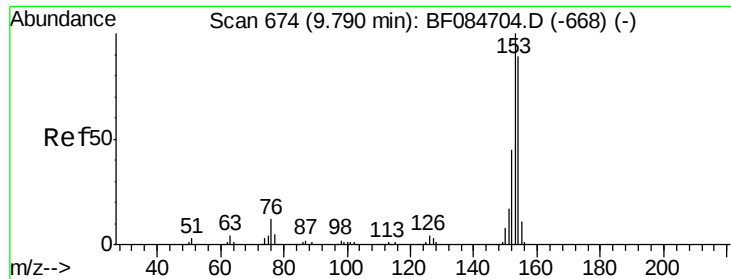
#50
2,6-Dinitrotoluene
Concen: 43.88 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.7	28.8	43.2#
89	70.4	35.1	52.7#



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: 44.55 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

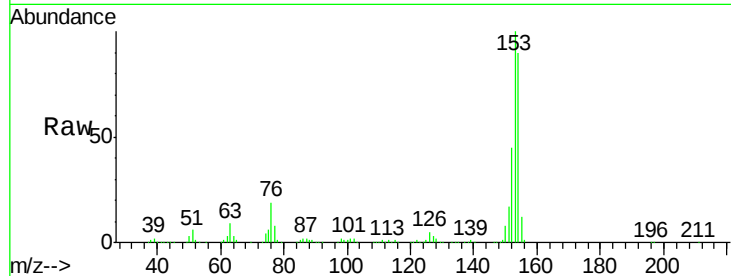
Tgt Ion:154 Resp: 792882

Ion Ratio Lower Upper

154 100

153 111.4 91.5 137.3

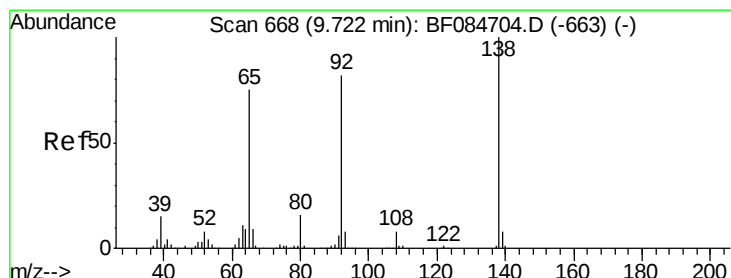
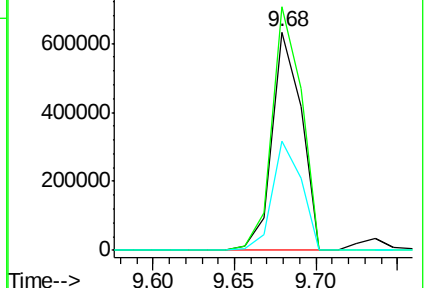
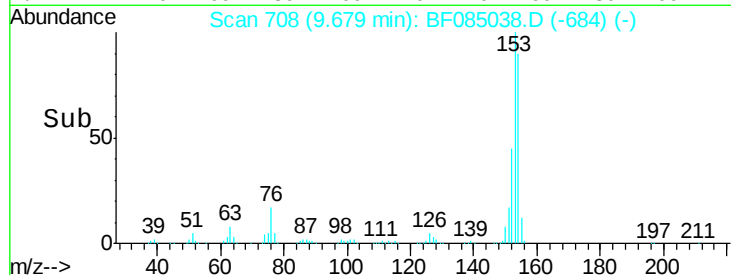
152 49.8 43.0 64.6



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: 12.52 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

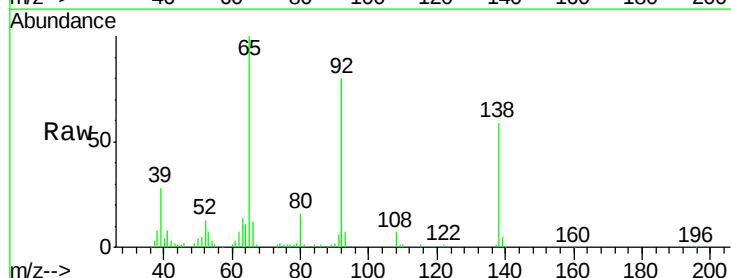
Tgt Ion:138 Resp: 64135

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

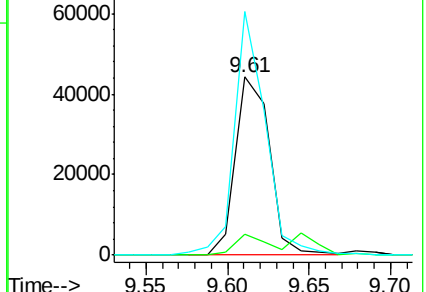
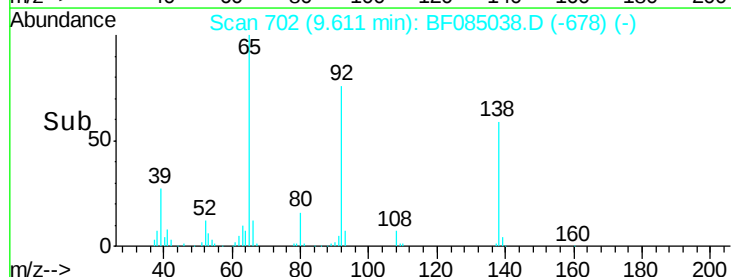
92 136.7 103.9 155.9

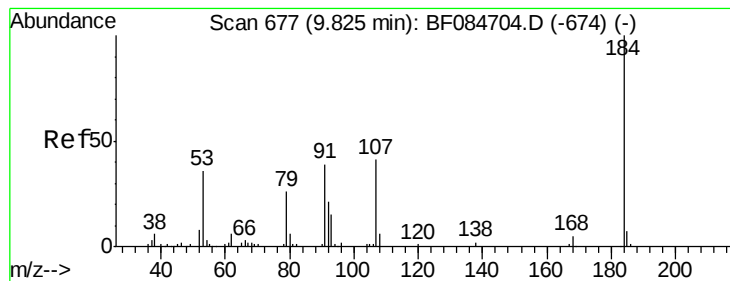


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 35.92 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

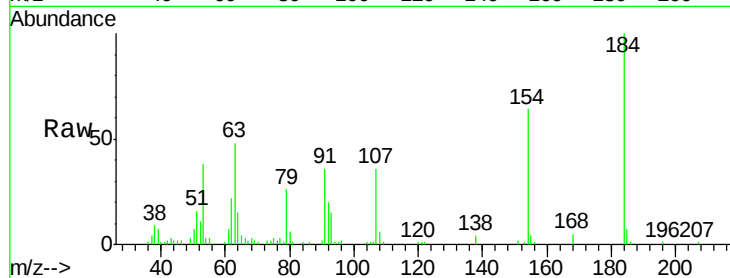
Tgt Ion:184 Resp: 68339

Ion Ratio Lower Upper

184 100

63 47.7 43.1 64.7

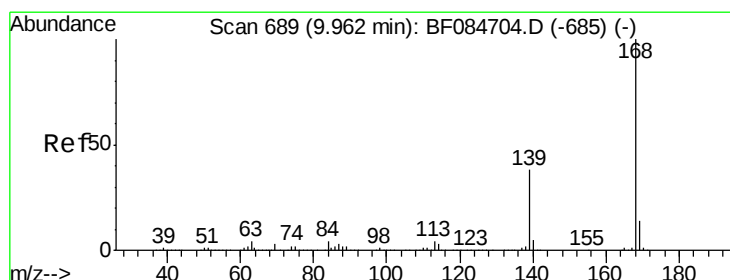
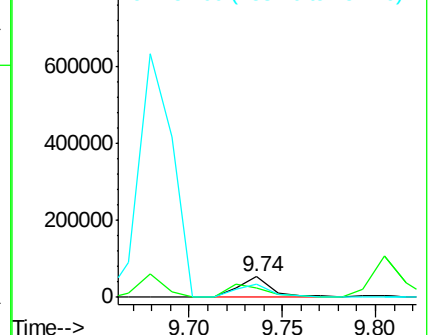
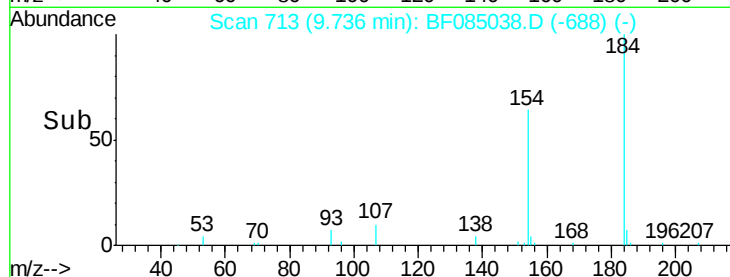
154 64.2 60.5 90.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 53.98 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

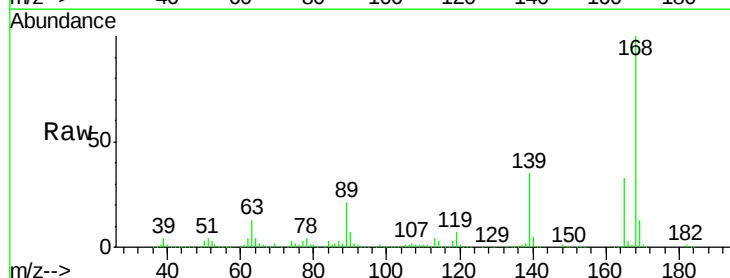
Tgt Ion:168 Resp: 1174202

Ion Ratio Lower Upper

168 100

139 35.1 30.5 45.7

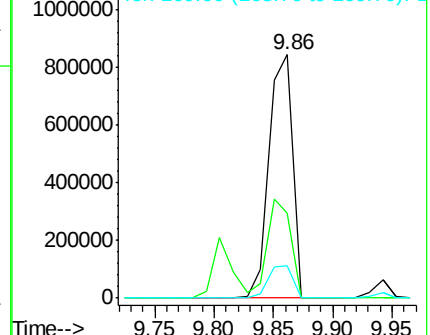
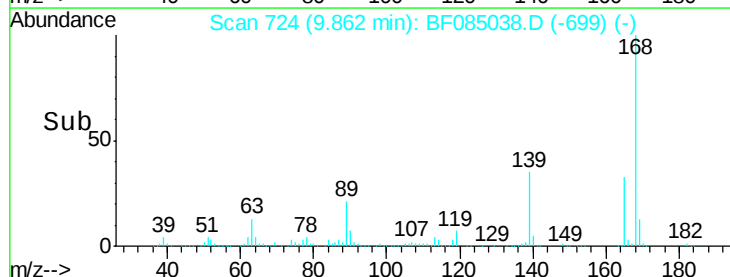
169 13.1 10.4 15.6

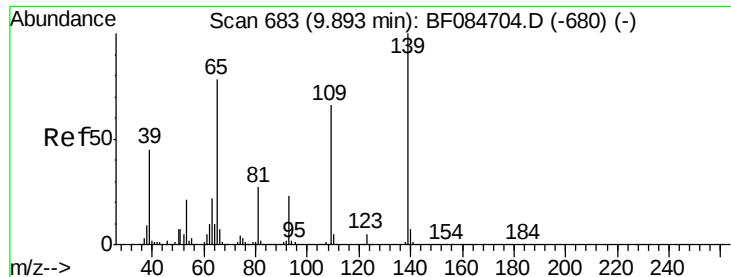


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

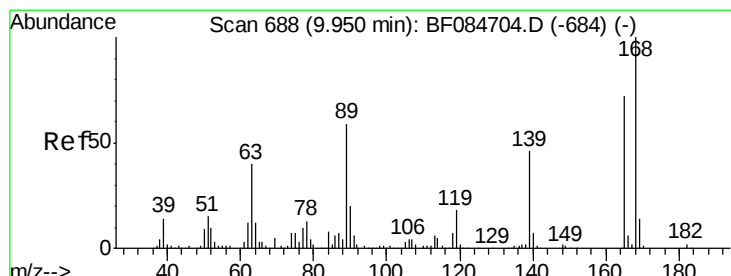
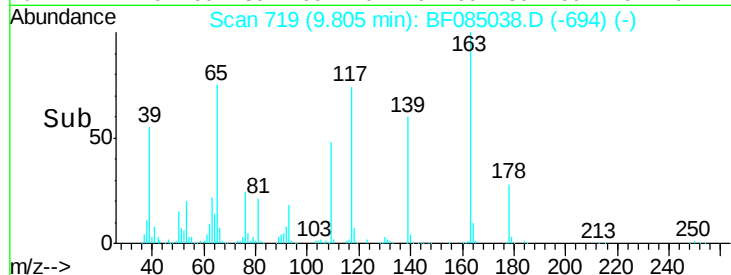
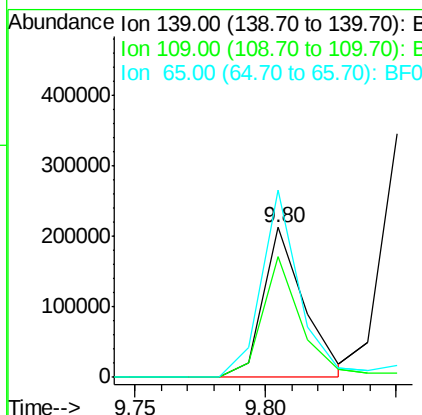
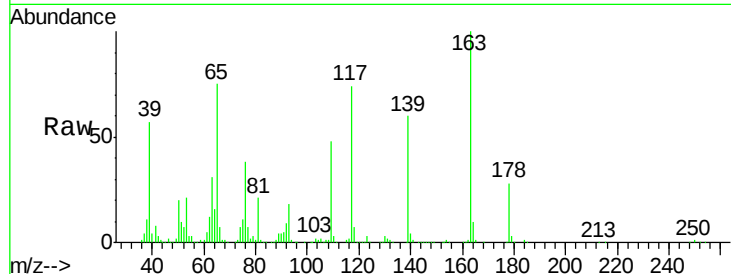




#55
4-Nitrophenol
Concen: 62.39 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

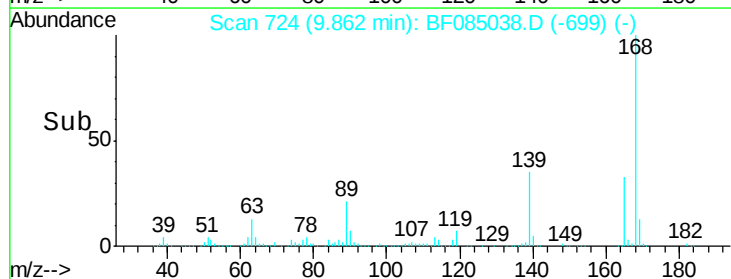
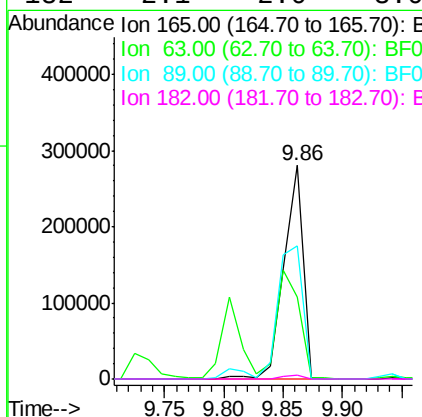
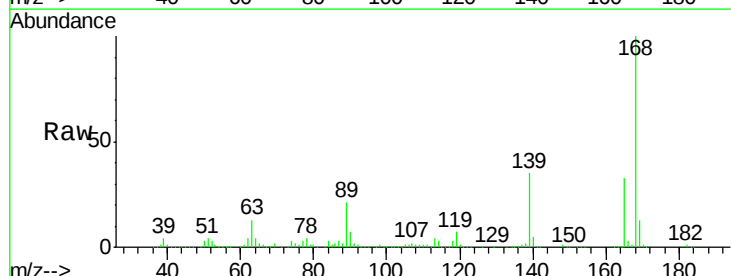
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

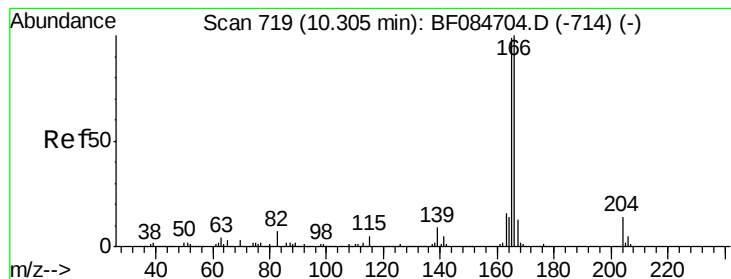
Tgt Ion:139 Resp: 234961
Ion Ratio Lower Upper
139 100
109 80.4 58.5 98.5
65 125.0 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 53.30 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion:165 Resp: 310019
Ion Ratio Lower Upper
165 100
63 38.5 36.7 55.1
89 62.4 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 48.16 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

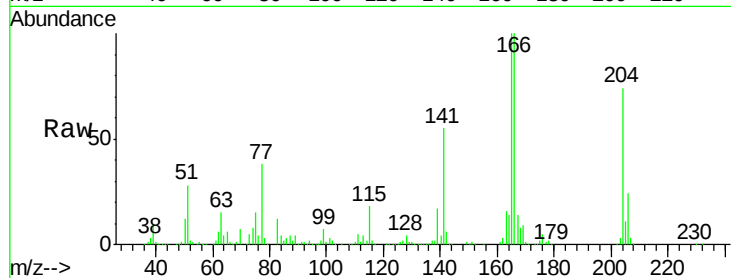
Tgt Ion:166 Resp: 874908

Ion Ratio Lower Upper

166 100

165 99.6 79.1 118.7

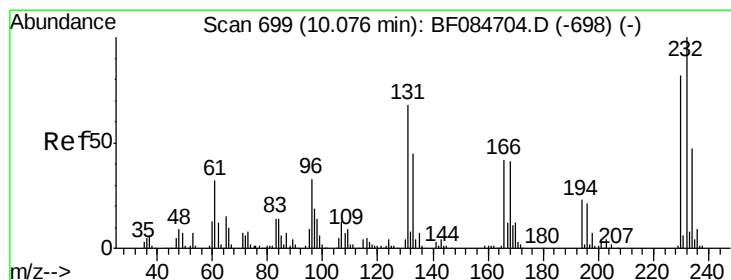
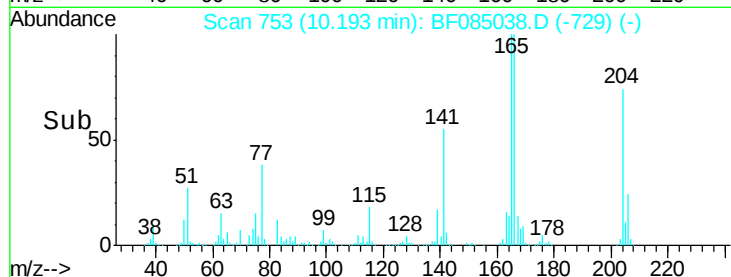
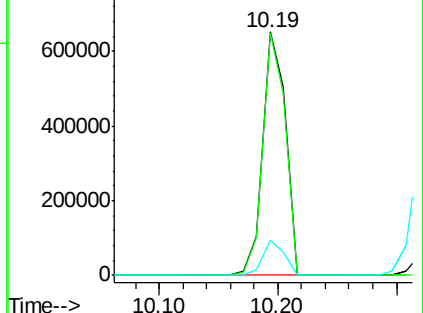
167 14.2 10.4 15.6



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: 54.69 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Tgt Ion:232 Resp: 237208

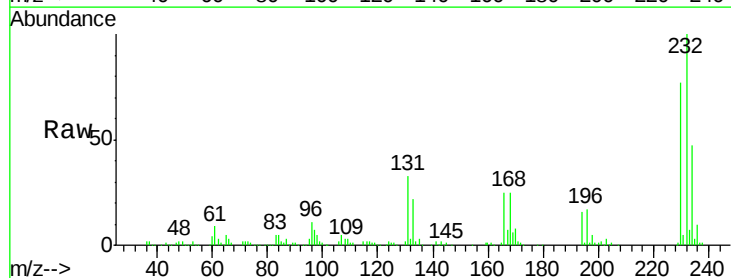
Ion Ratio Lower Upper

232 100

131 46.8 47.0 70.6#

130 2.2 2.0 3.0

166 30.6 30.5 45.7

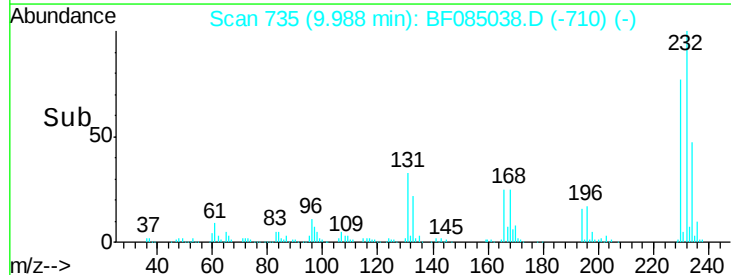
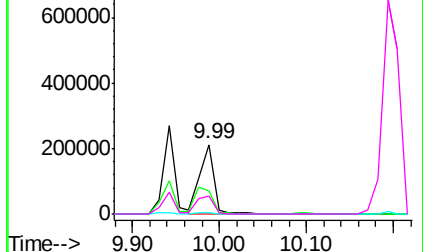


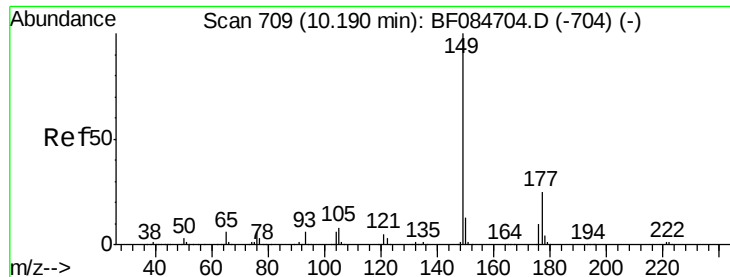
Abundance Ion 232.00 (231.70 to 232.70): E

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

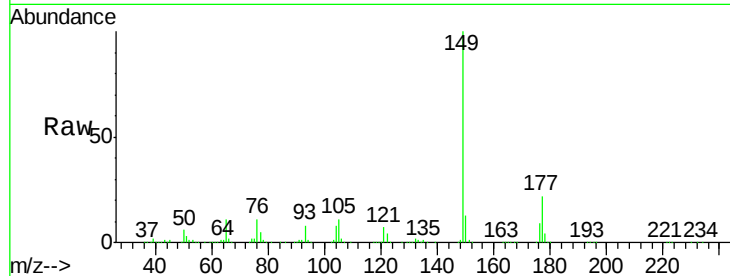




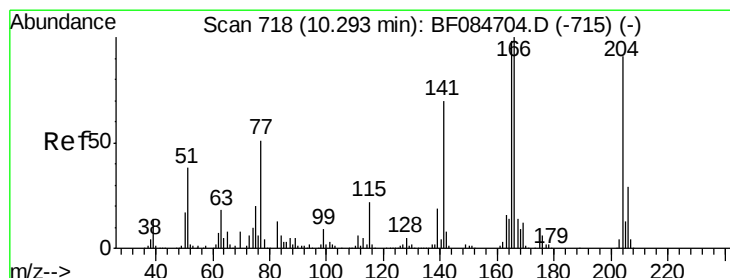
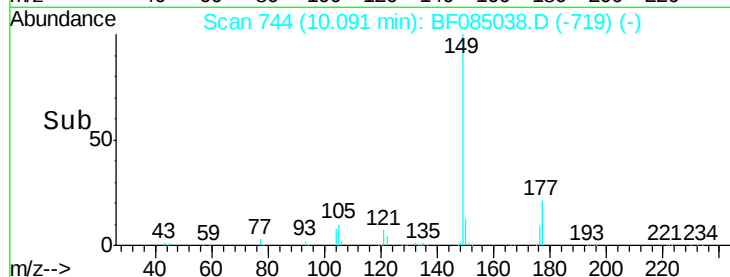
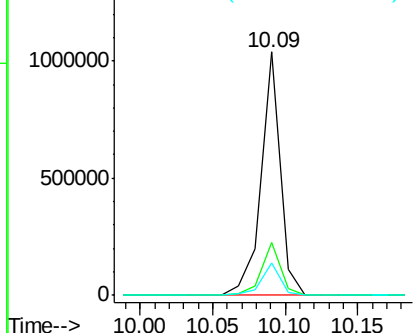
#59
Diethylphthalate
Concen: 46.96 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Tgt Ion:149 Resp: 957185
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 13.1 9.8 14.8

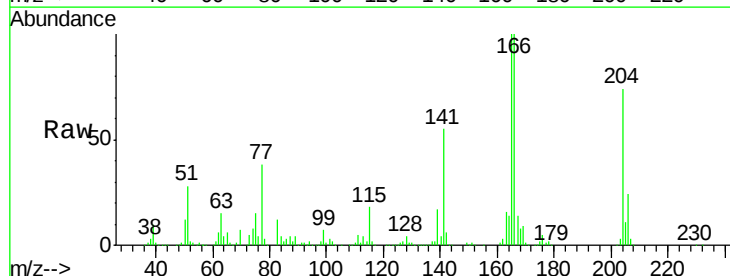


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

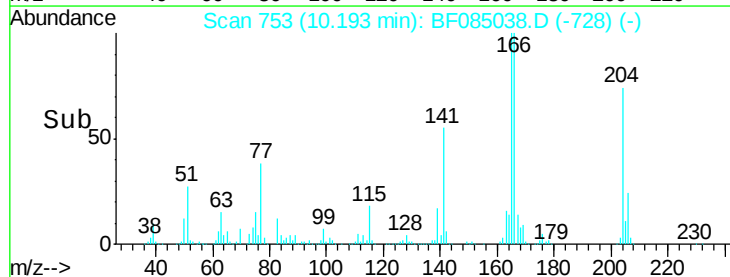
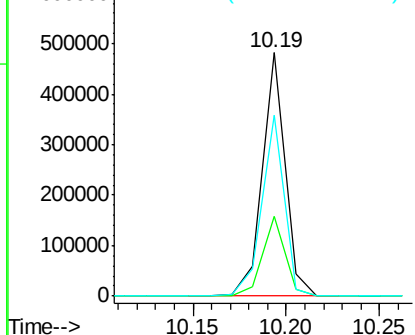


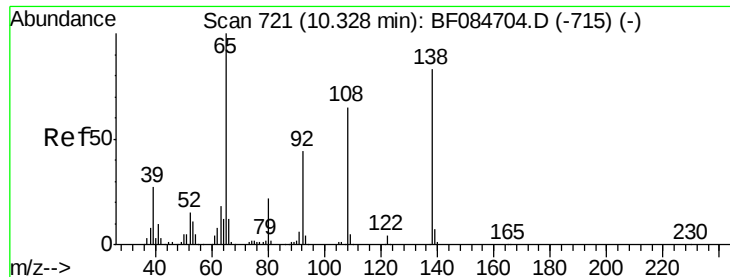
#60
4-Chlorophenyl-phenylether
Concen: 54.31 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion:204 Resp: 403012
Ion Ratio Lower Upper
204 100
206 32.7 25.7 38.5
141 74.4 55.1 82.7



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

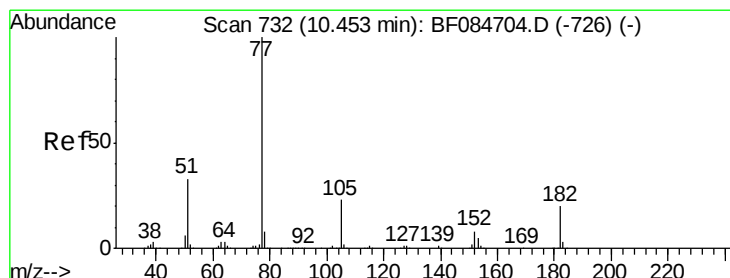
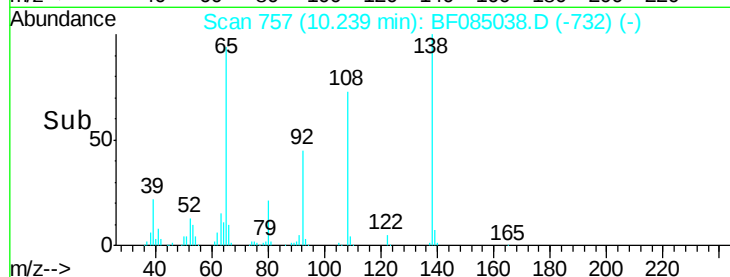
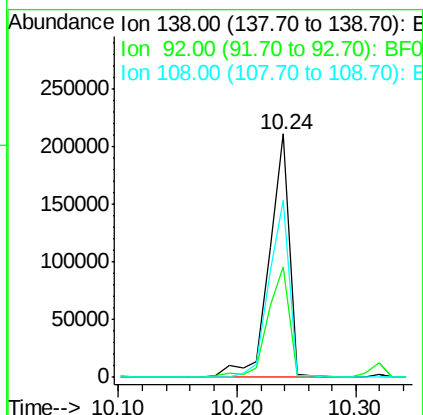
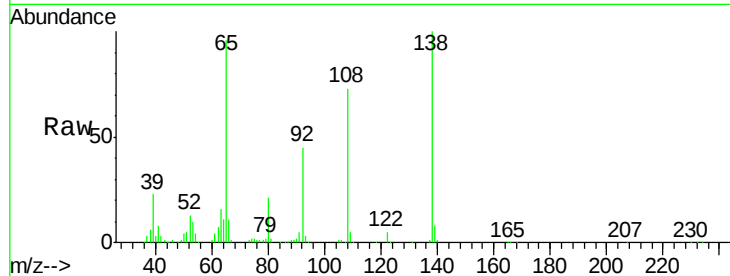




#61
4-Nitroaniline
Concen: 49.50 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

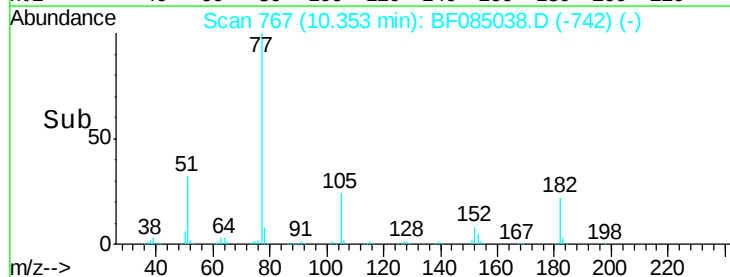
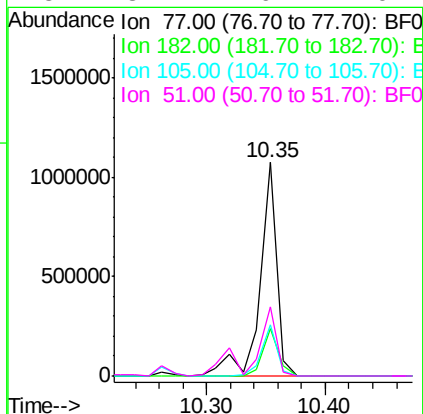
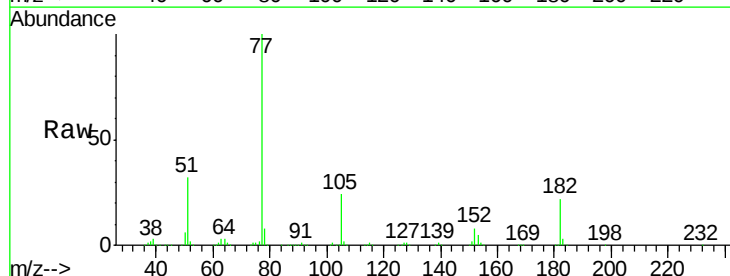
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

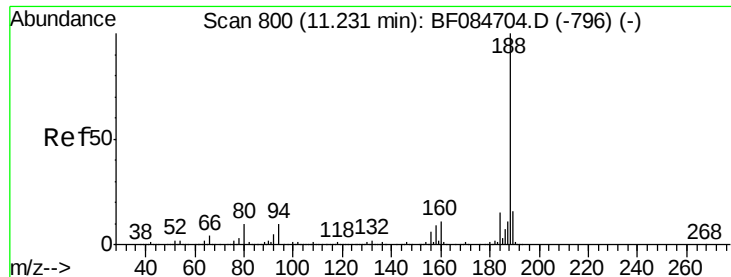
Tgt Ion: 138 Resp: 247196
Ion Ratio Lower Upper
138 100
92 45.3 32.6 72.6
108 73.0 68.6 108.6



#62
Azobenzene
Concen: 54.52 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion: 77 Resp: 1068550
Ion Ratio Lower Upper
77 100
182 22.0 8.3 48.3
105 24.2 4.6 44.6
51 32.4 6.2 46.2

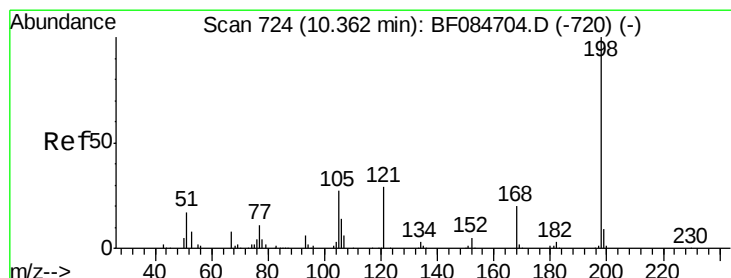
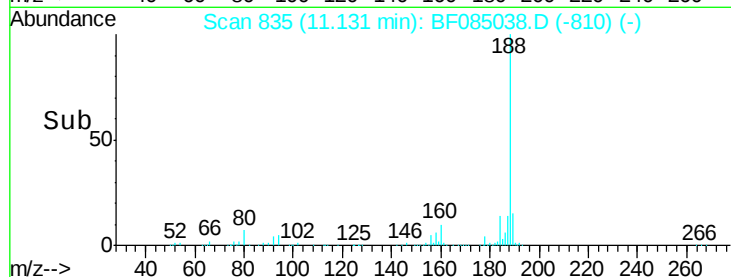
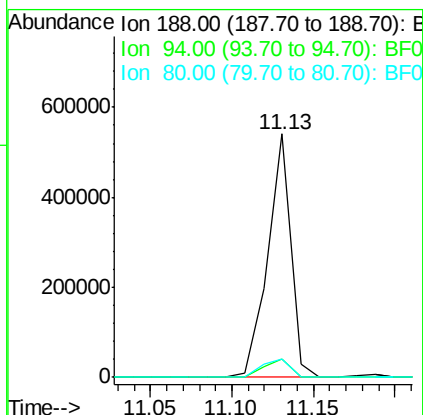
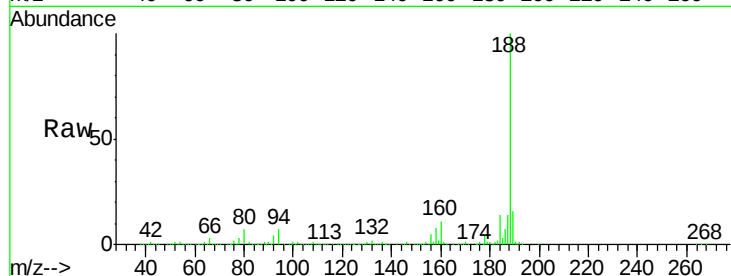




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

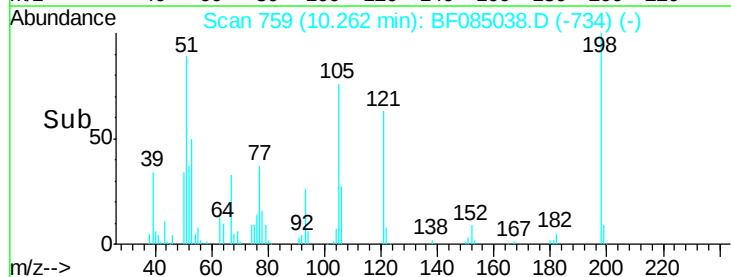
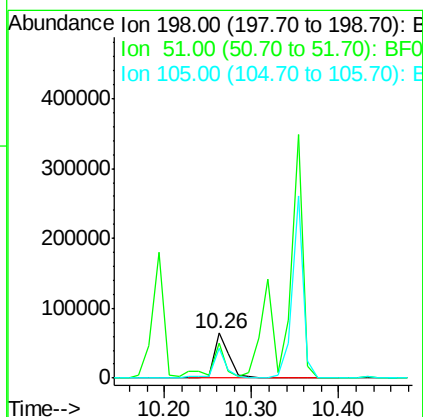
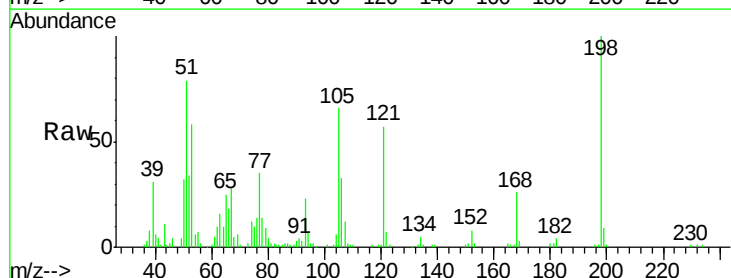
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

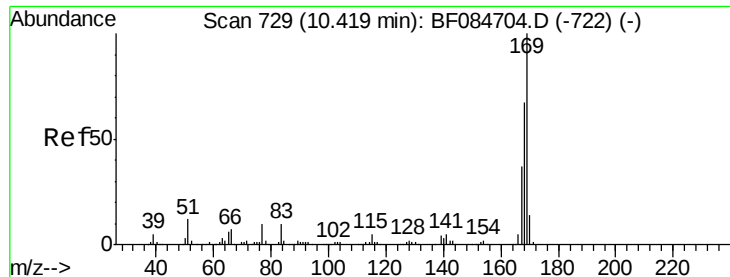
Tgt Ion:188 Resp: 532721
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 7.4 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 23.28 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion:198 Resp: 76538
Ion Ratio Lower Upper
198 100
51 78.7 18.9 58.9#
105 66.2 26.4 66.4

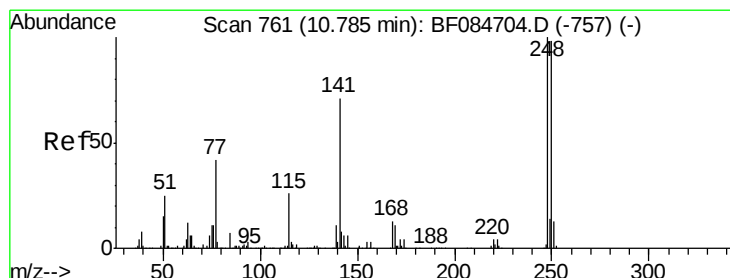
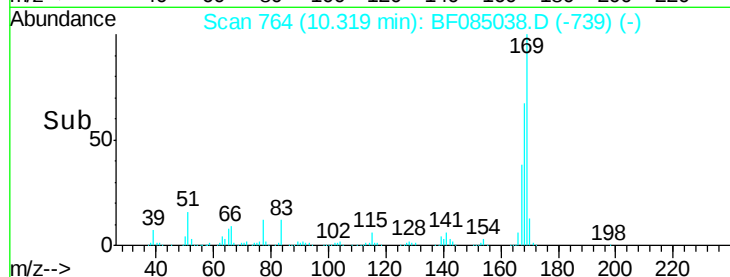
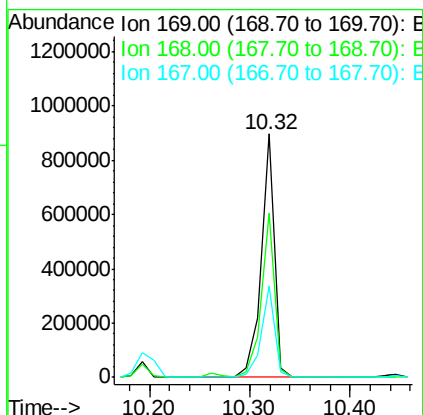
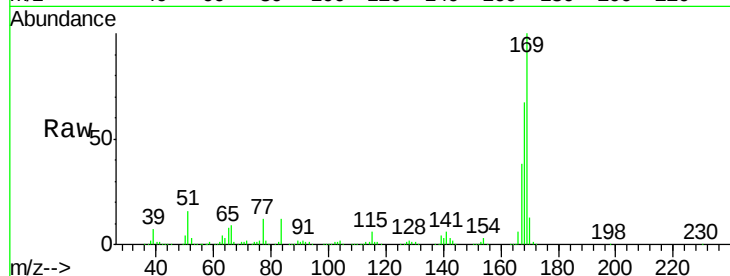




#65
 n-Nitrosodiphenylamine
 Concen: 48.54 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

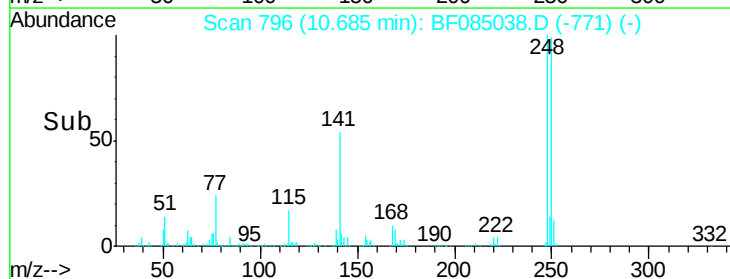
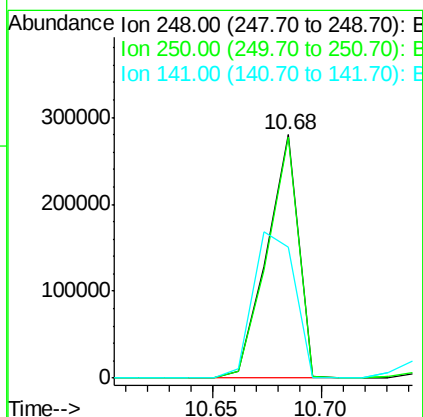
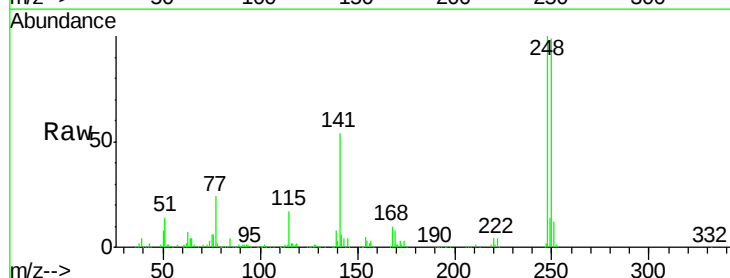
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

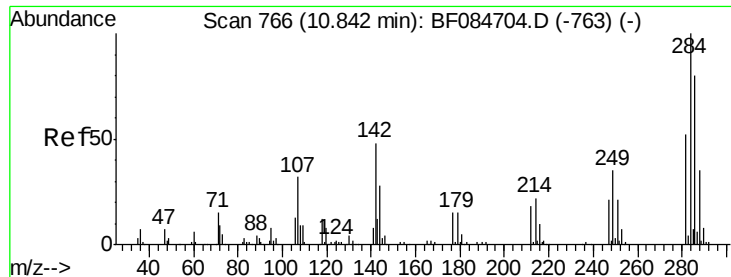
Tgt Ion:169 Resp: 821045
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.1 82.7
 167 37.7 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 48.83 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:248 Resp: 287316
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.4 117.6
 141 53.6 44.0 66.0

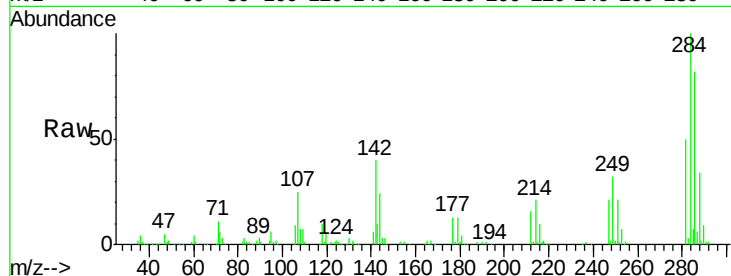




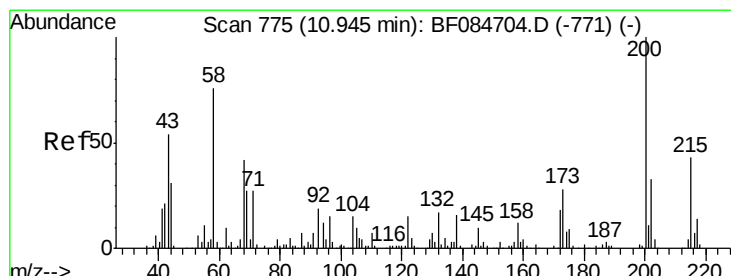
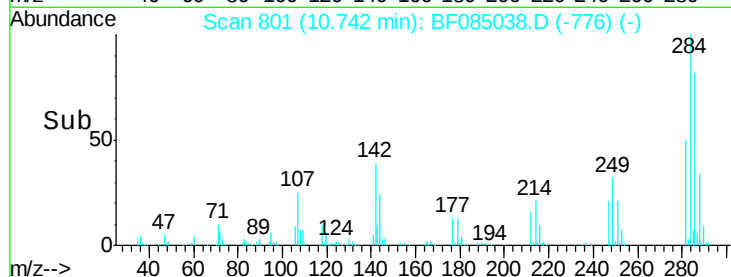
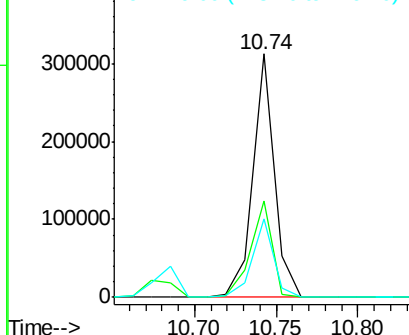
#67
Hexachlorobenzene
Concen: 44.86 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Tgt Ion: 284 Resp: 287637
Ion Ratio Lower Upper
284 100
142 39.6 22.2 33.4#
249 32.5 24.6 37.0

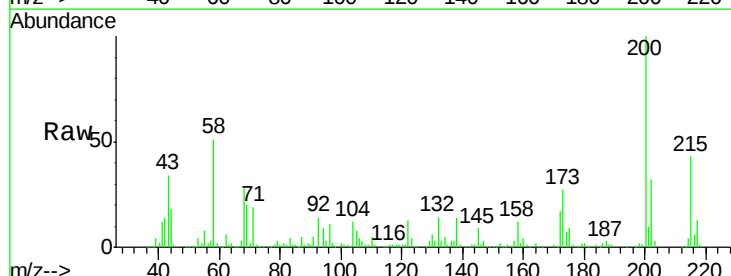


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

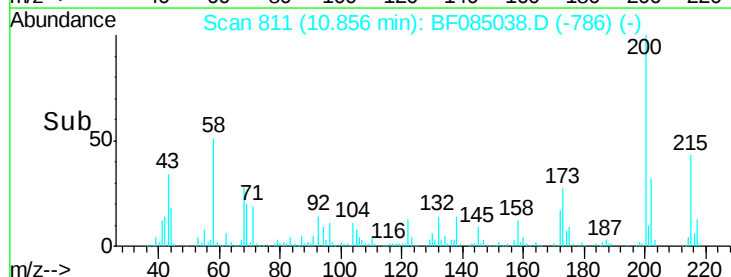
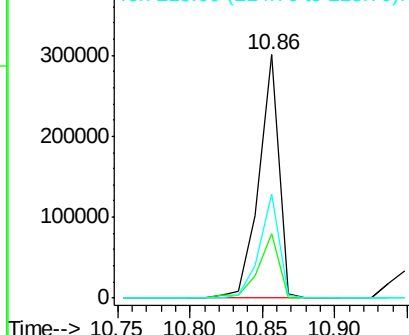


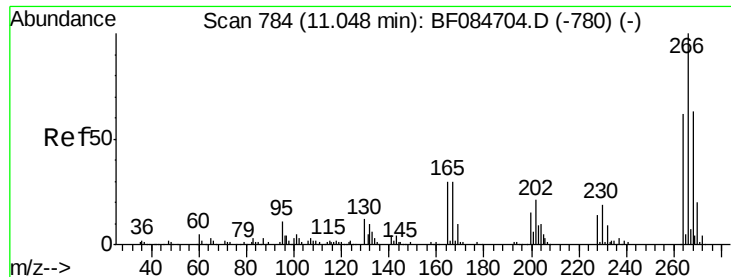
#68
Atrazine
Concen: 53.77 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF085038.D
Acq: 12 Feb 2016 3:44

Tgt Ion: 200 Resp: 287261
Ion Ratio Lower Upper
200 100
173 26.6 9.5 49.5
215 42.8 23.8 63.8



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

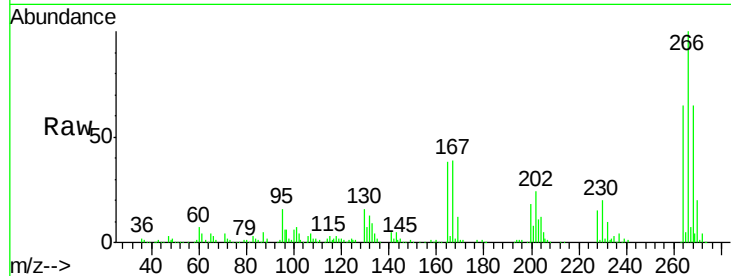




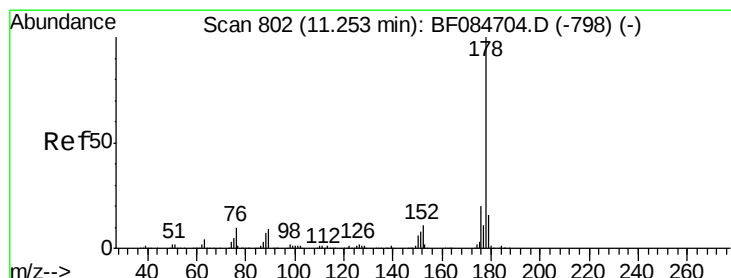
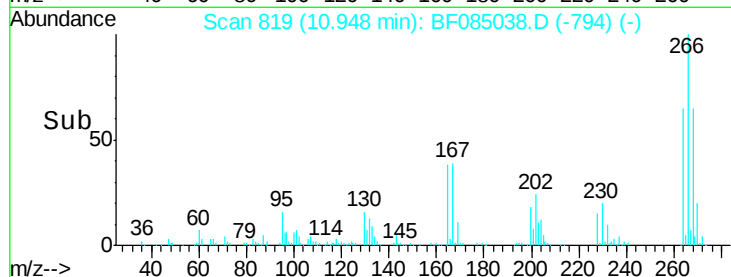
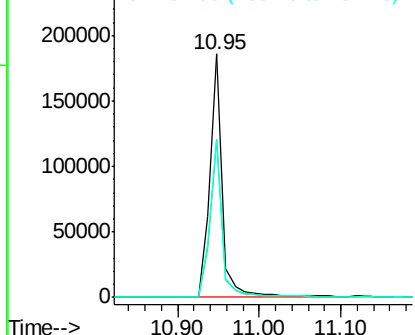
#69
 Pentachlorophenol
 Concen: 68.14 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Tgt Ion:266 Resp: 205323
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.4 78.6
 264 65.1 50.2 75.2

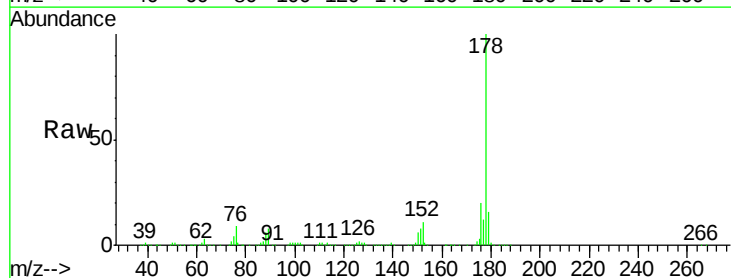


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

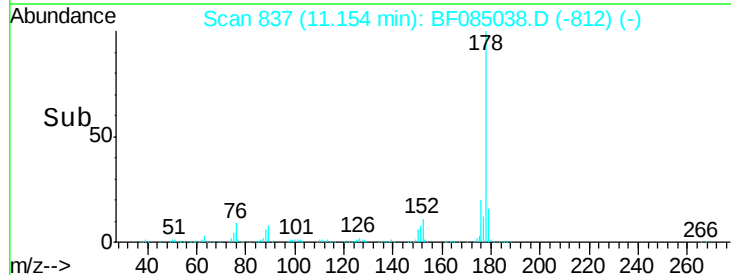
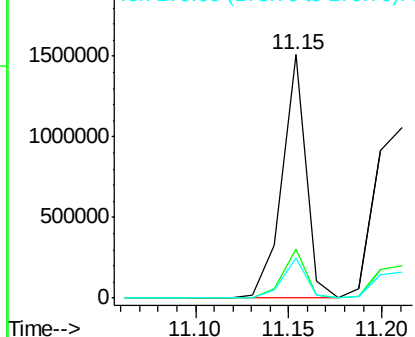


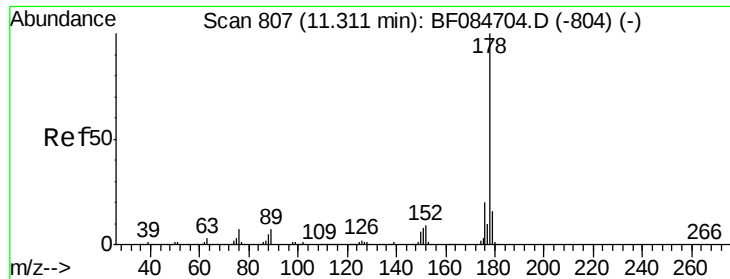
#70
 Phenanthrene
 Concen: 45.81 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:178 Resp: 1353610
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.4 12.0 18.0



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

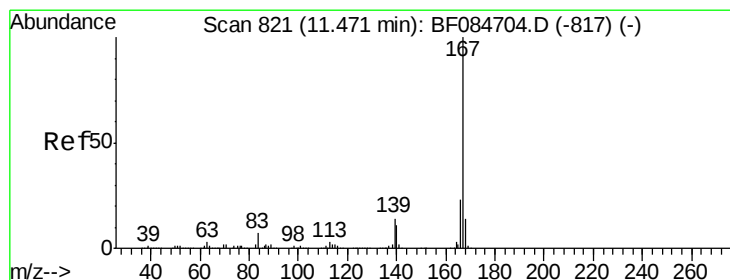
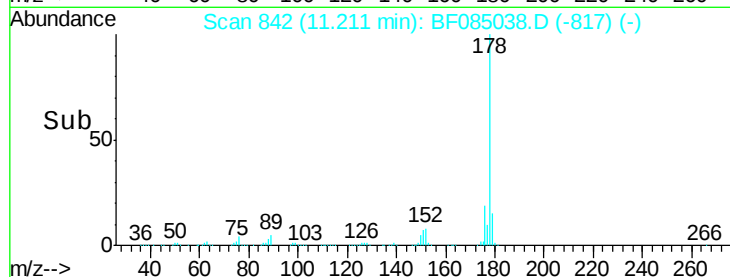
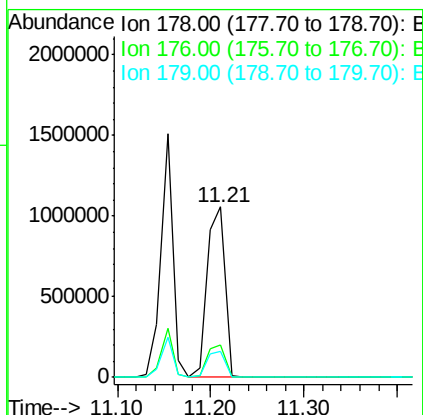
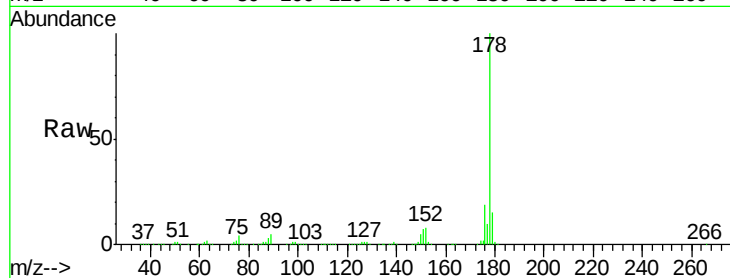




#71
 Anthracene
 Concen: 47.24 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

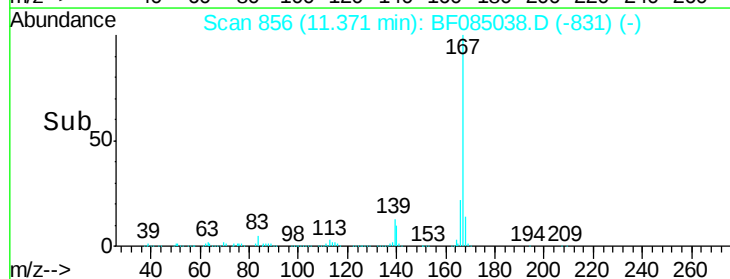
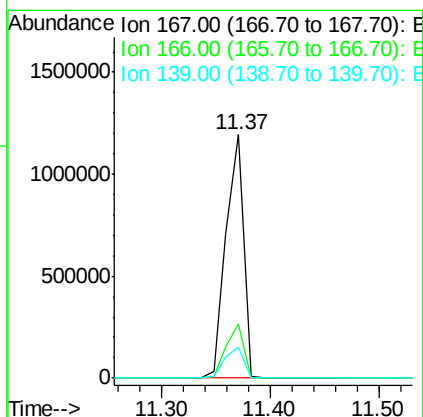
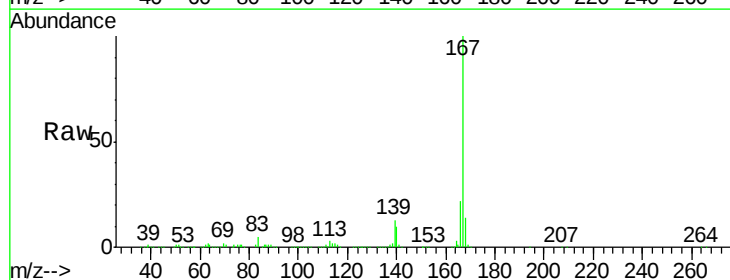
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Tgt Ion:178 Resp: 1406444
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.3 12.5 18.7



#72
 Carbazole
 Concen: 51.44 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:167 Resp: 1335469
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 43.68 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

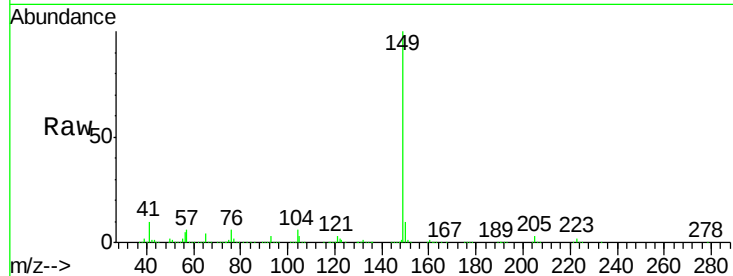
Tgt Ion:149 Resp: 1443591

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

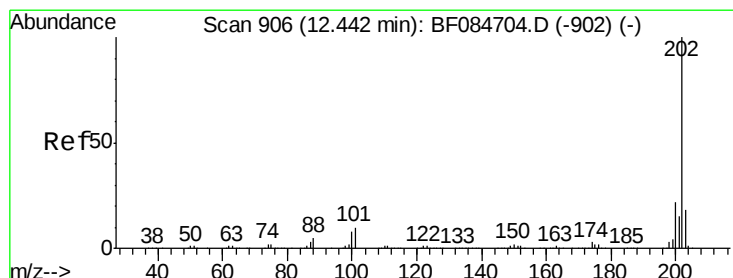
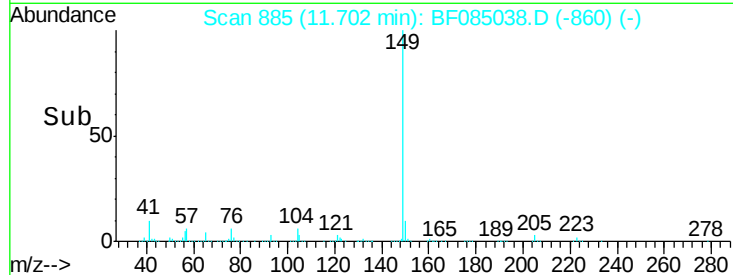
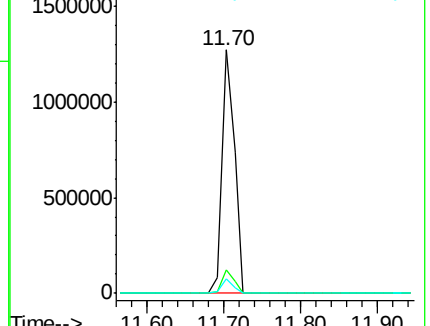
104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.06 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

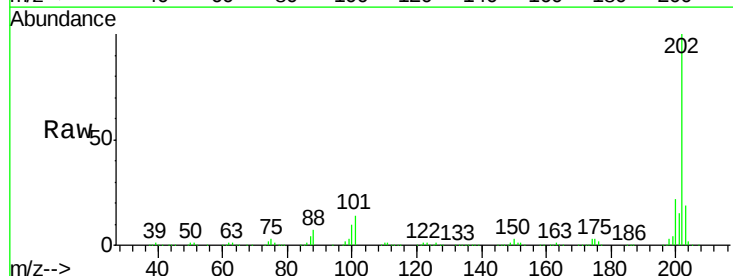
Tgt Ion:202 Resp: 1227770

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

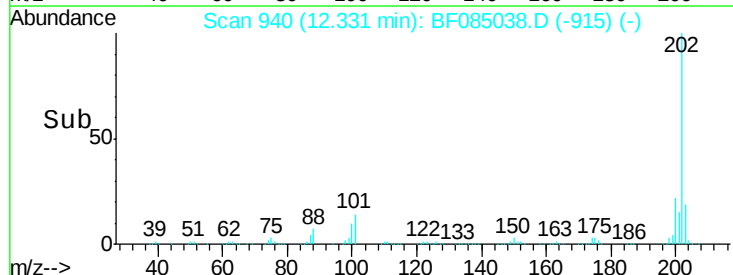
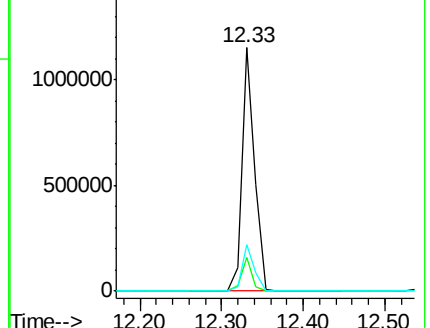
203 18.9 0.0 37.9

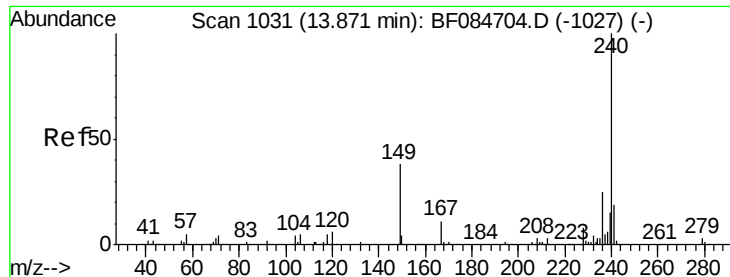


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

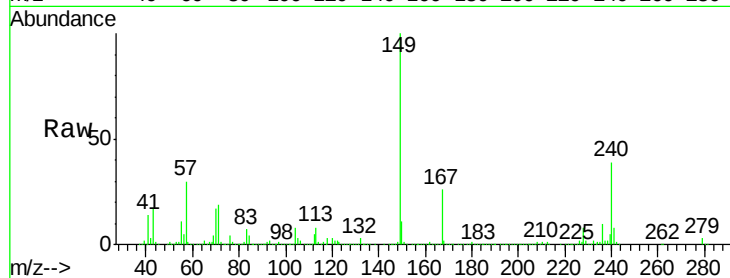
Tgt Ion:240 Resp: 315980

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

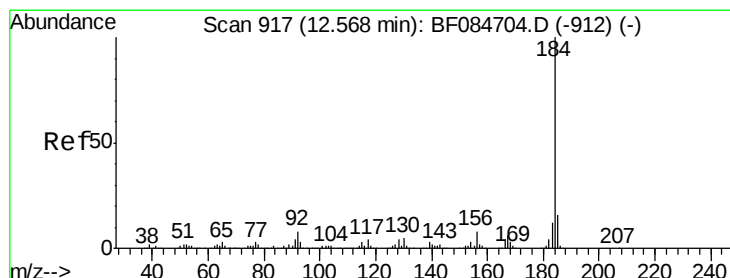
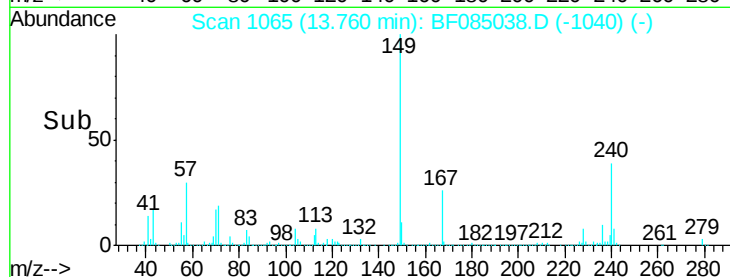
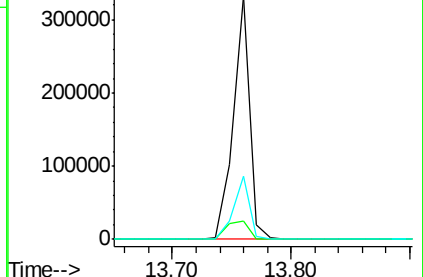
236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.57 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

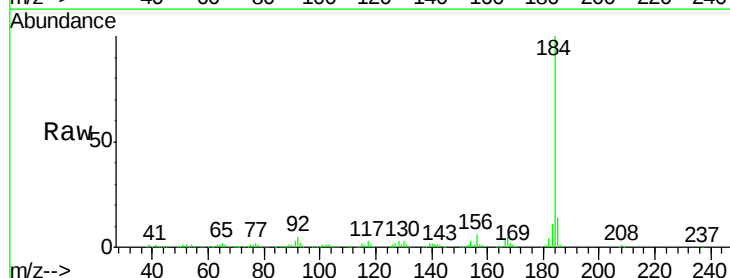
Tgt Ion:184 Resp: 341241

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

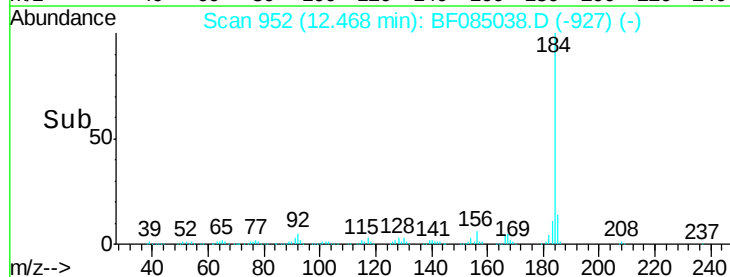
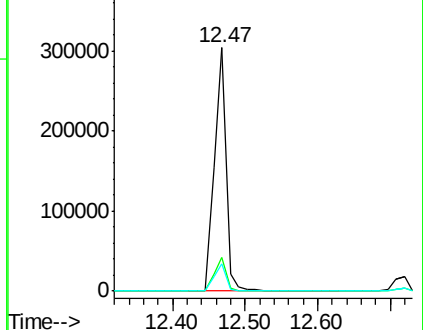
183 11.0 9.8 14.8

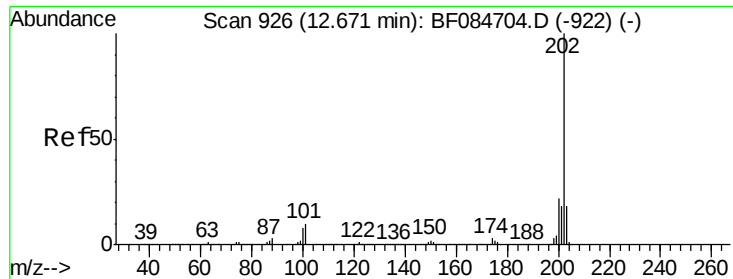


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 52.48 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

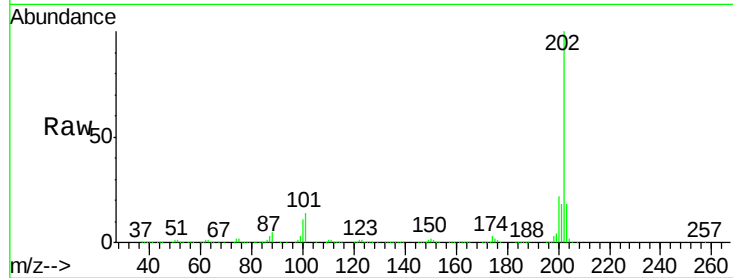
Tgt Ion:202 Resp: 1269517

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

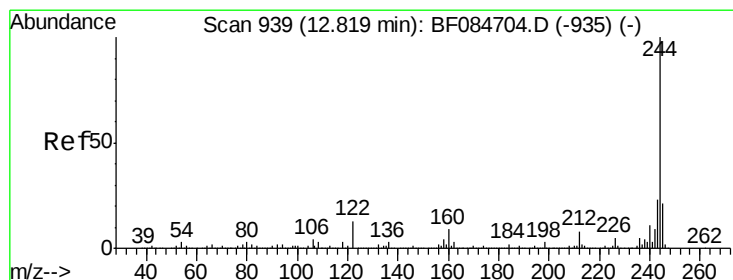
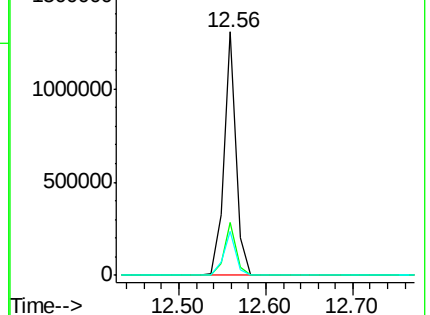
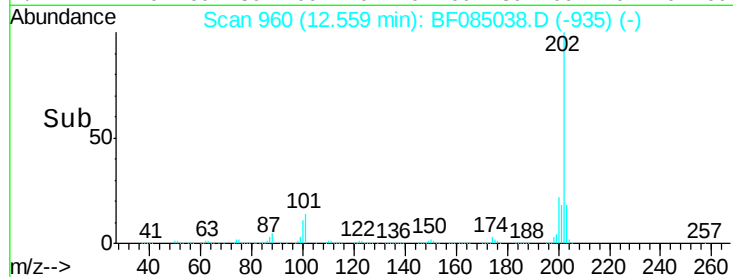
203 18.1 14.3 21.5



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: 122.90 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

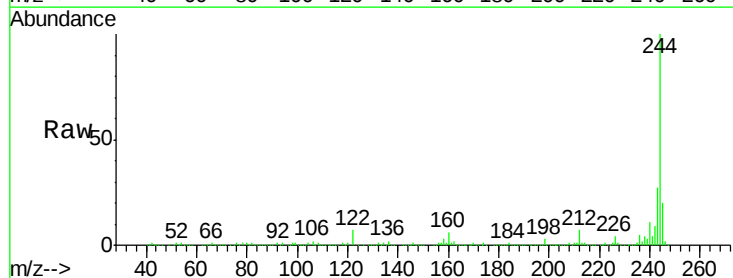
Tgt Ion:244 Resp: 1713735

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

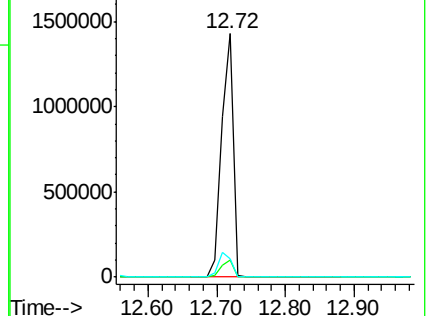
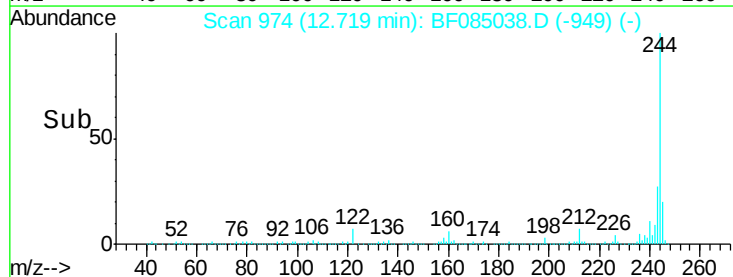
122 7.3 7.4 11.0#

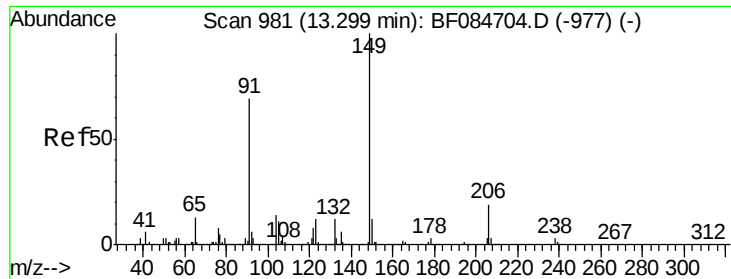


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.80 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

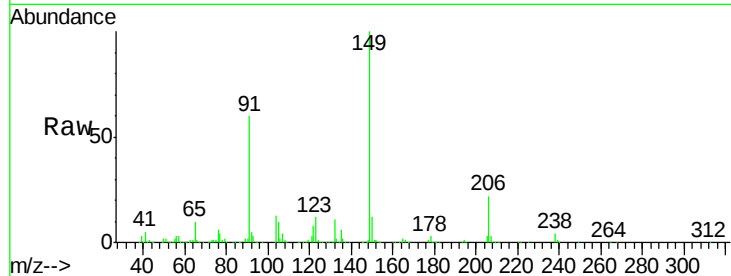
Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

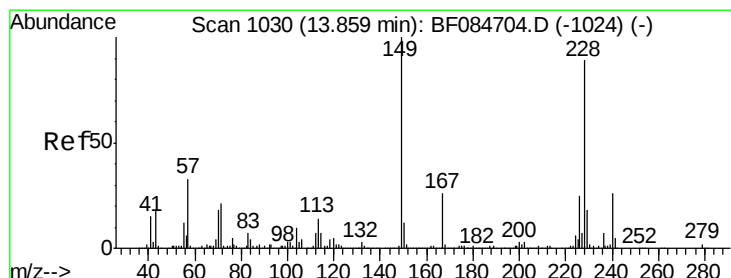
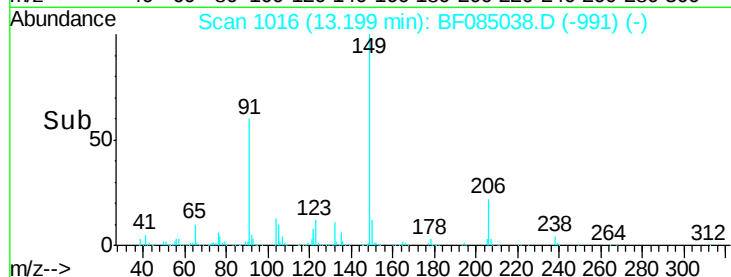
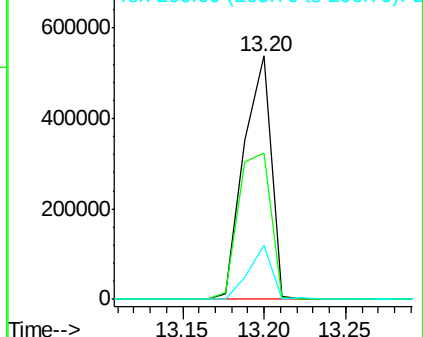
Tgt Ion:	149	Resp:	623327
Ion Ratio	Lower	Upper	
149	100		
91	60.0	57.6	86.4
206	22.0	13.2	19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.61 ng

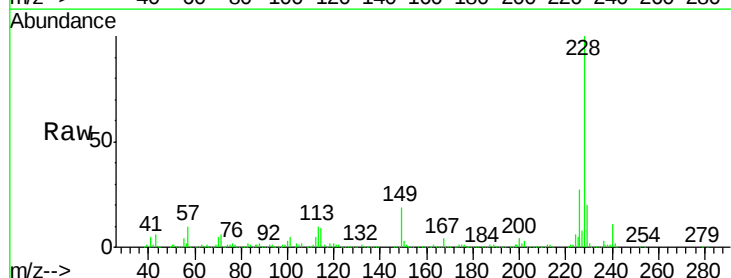
RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

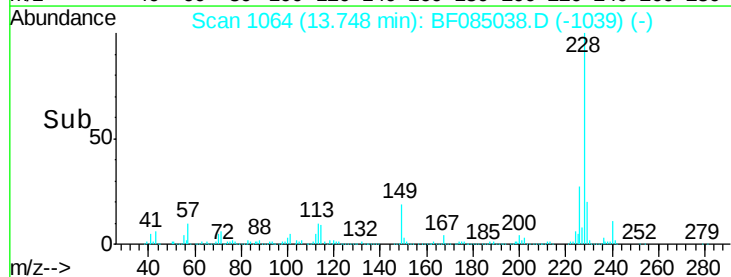
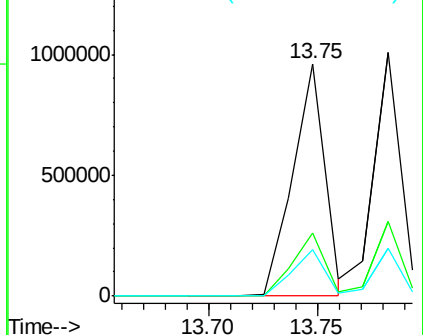
Tgt Ion:	228	Resp:	992510
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.6
229	20.1	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

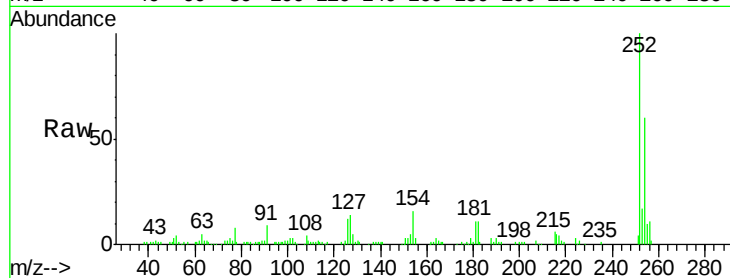




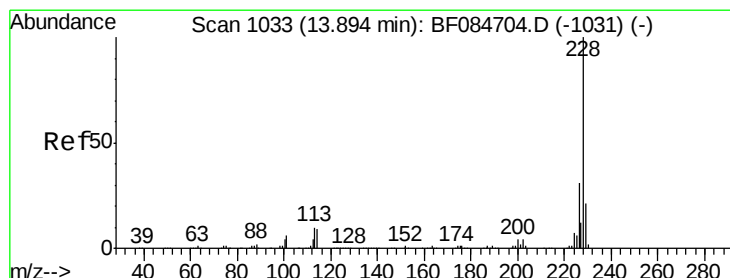
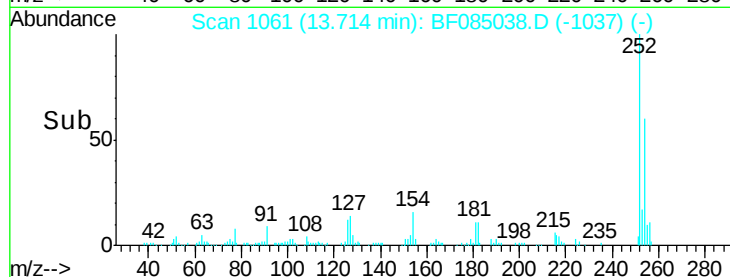
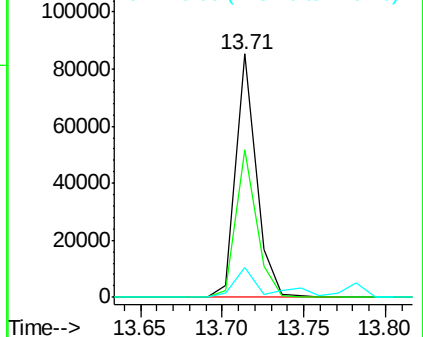
#81
 3,3'-Dichlorobenzidine
 Concen: 10.62 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

Tgt Ion:252 Resp: 73764
 Ion Ratio Lower Upper
 252 100
 254 60.5 53.5 80.3
 126 12.1 4.9 7.3#

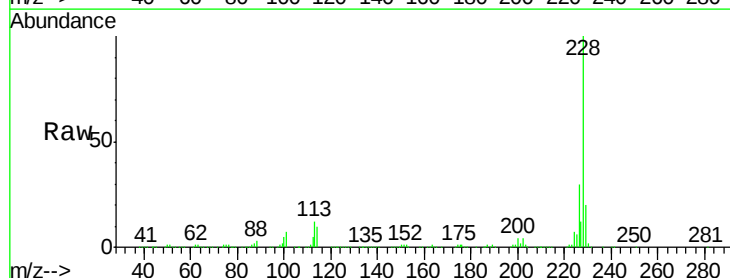


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

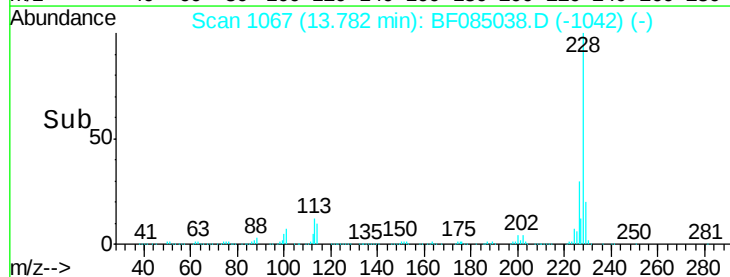
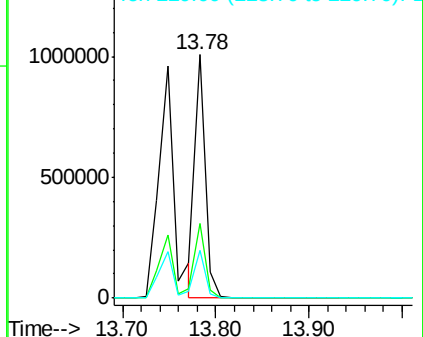


#82
 Chrysene
 Concen: 40.91 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:228 Resp: 777929
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 19.6 16.1 24.1



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

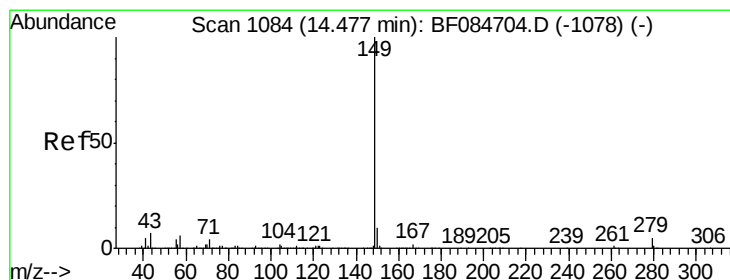
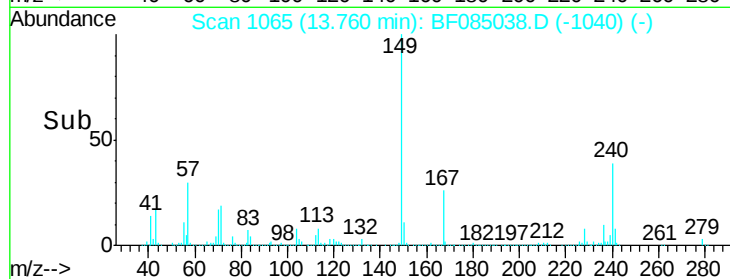
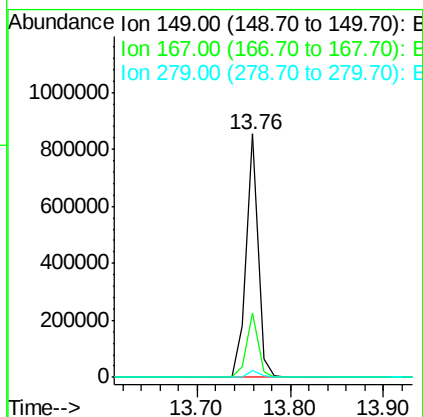
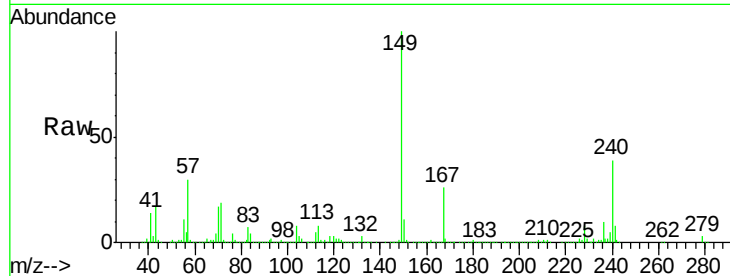




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.85 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

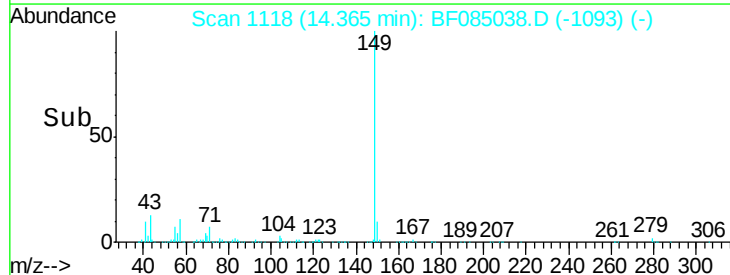
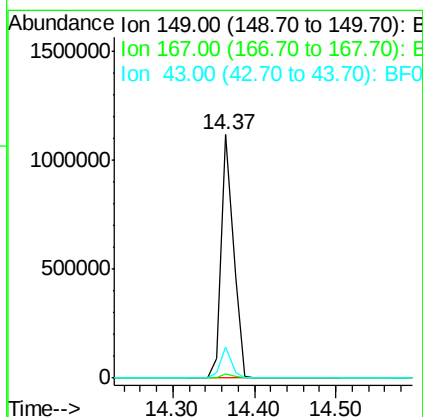
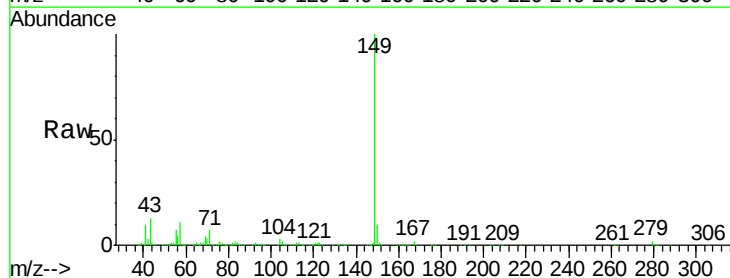
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

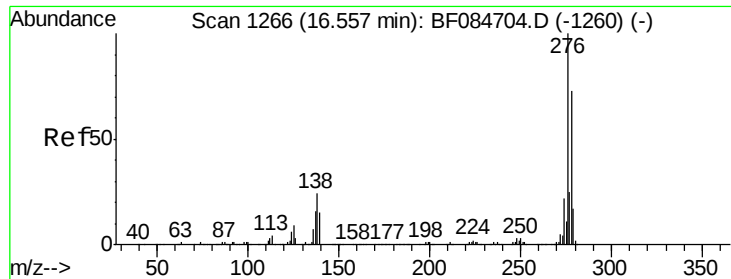
Tgt Ion:149 Resp: 762743
 Ion Ratio Lower Upper
 149 100
 167 26.2 19.7 29.5
 279 2.6 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 51.14 ng
 RT: 14.37 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion:149 Resp: 1152317
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.4 5.6 8.4#

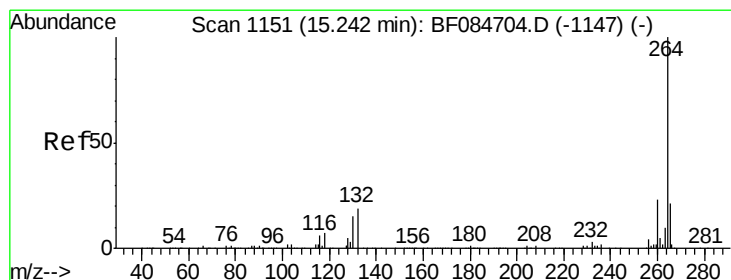
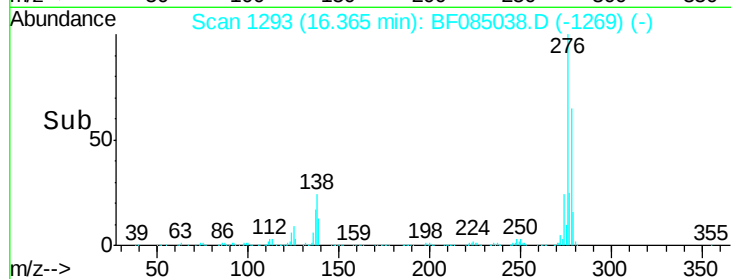
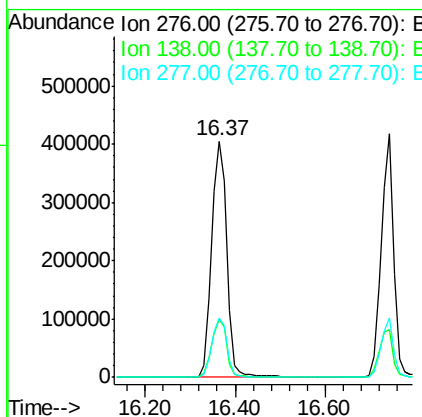
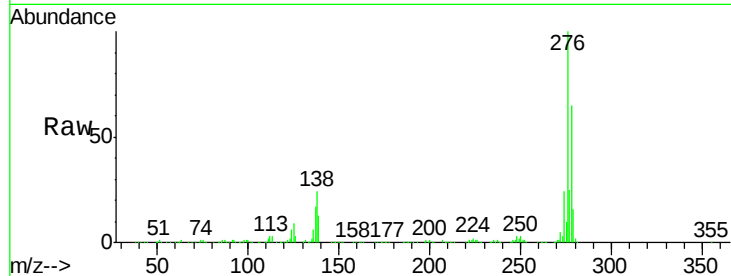




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.95 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

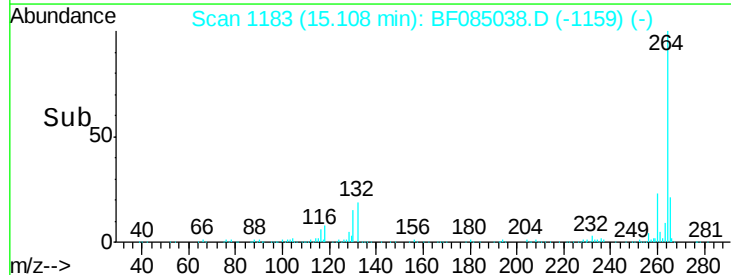
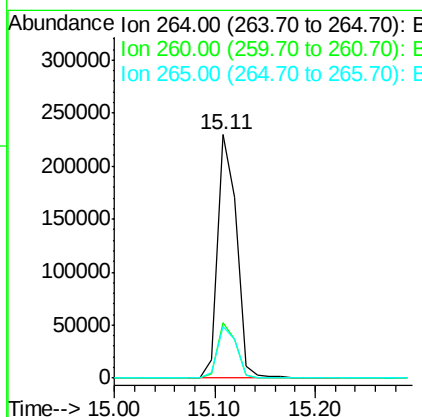
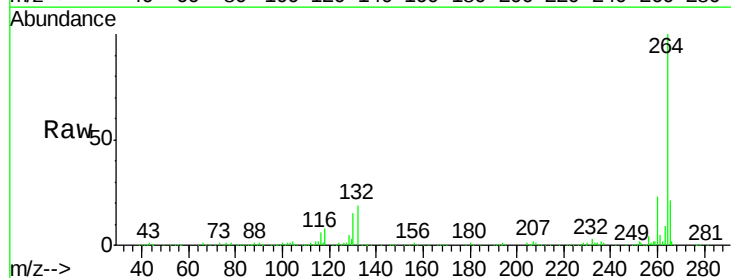
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)MS

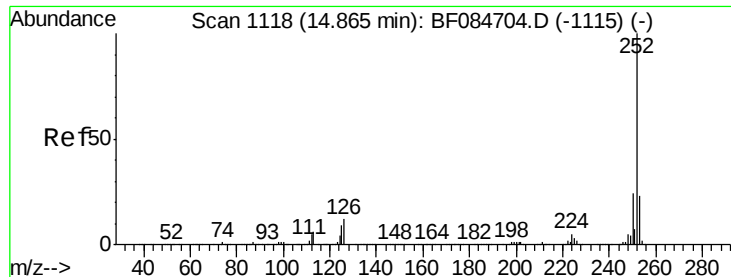
Tgt Ion: 276 Resp: 957279
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085038.D
 Acq: 12 Feb 2016 3:44

Tgt Ion: 264 Resp: 299265
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 21.0 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 85.82 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

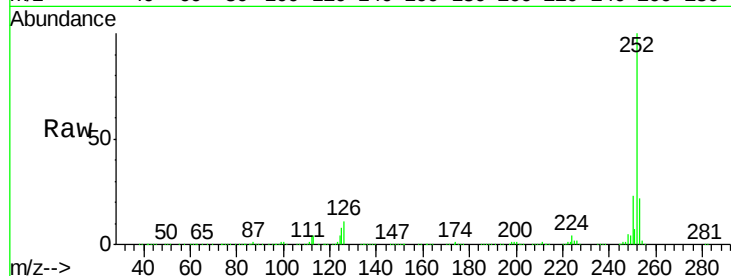
Tgt Ion:252 Resp: 1725545

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

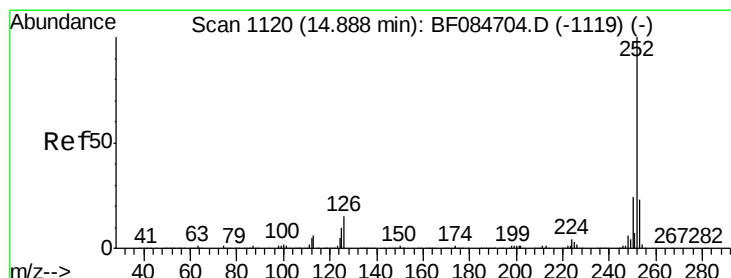
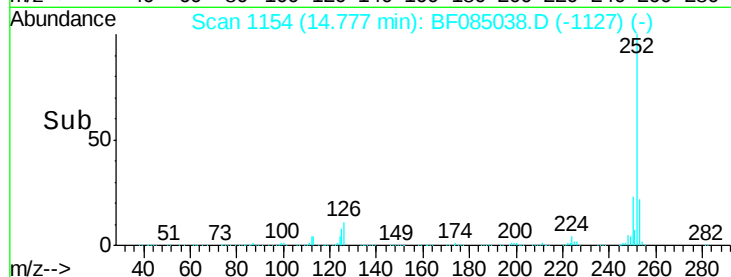
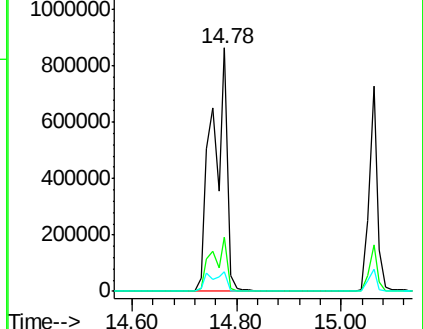
125 7.9 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 103.81 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

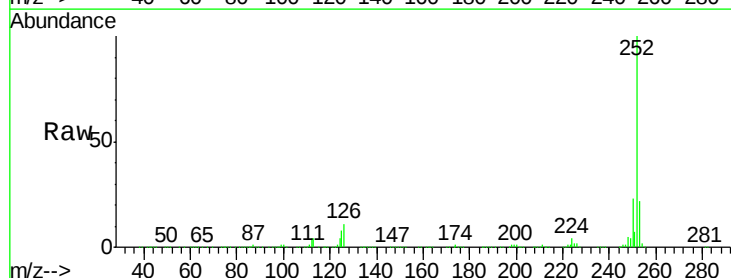
Tgt Ion:252 Resp: 1725810

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

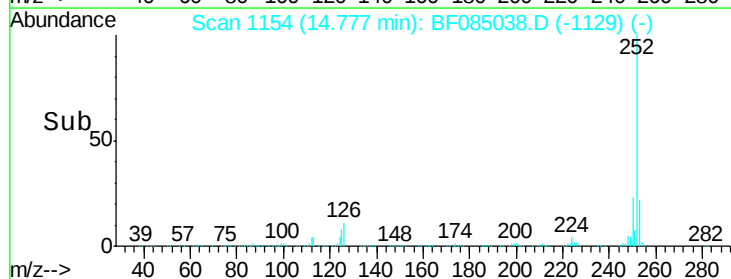
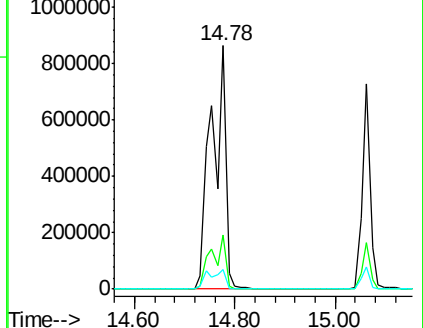
125 7.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.75 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS

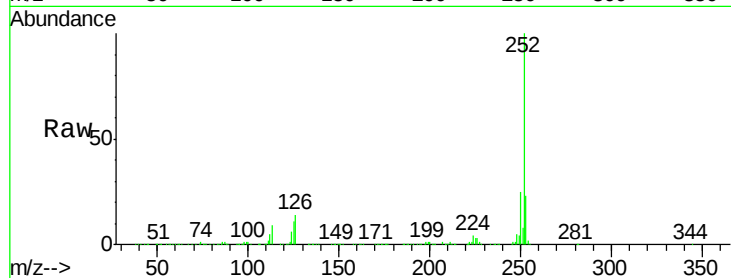
Tgt Ion:252 Resp: 801013

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

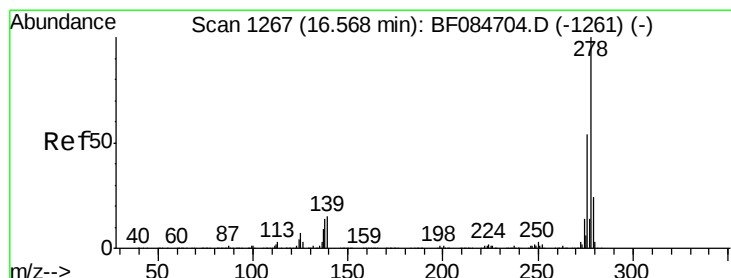
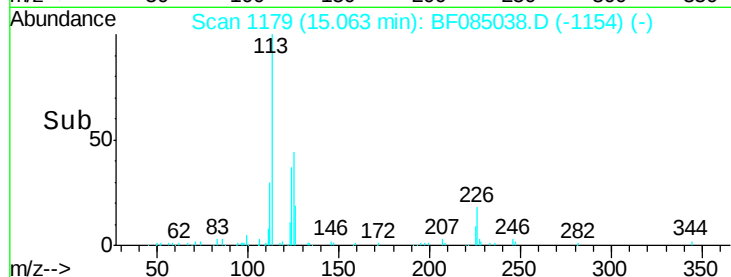
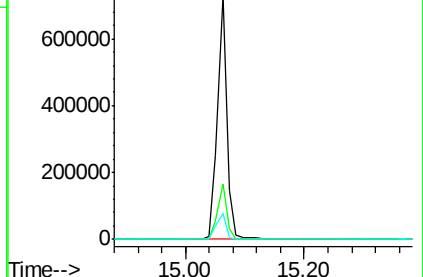
125 10.8 7.0 10.4#



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: 54.66 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF085038.D

Acq: 12 Feb 2016 3:44

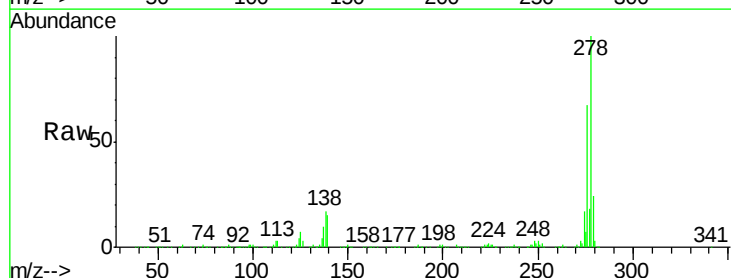
Tgt Ion:278 Resp: 788361

Ion Ratio Lower Upper

278 100

139 15.1 15.0 22.4

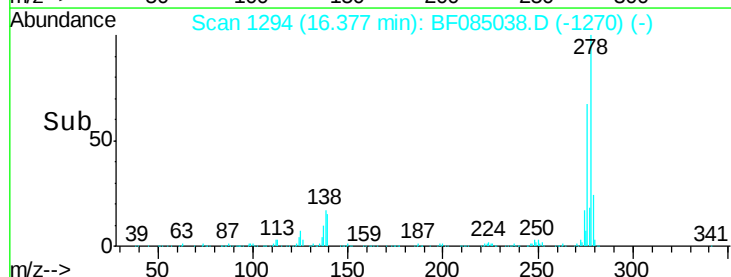
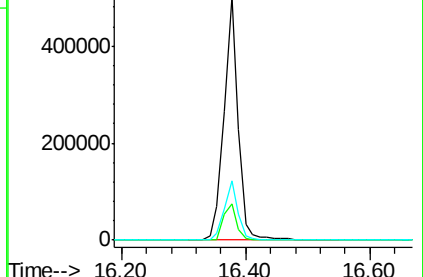
279 24.3 18.9 28.3

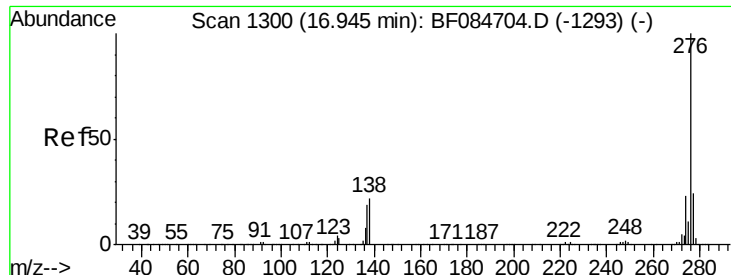


Abundance Ion 278.00 (277.70 to 278.70): E

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: 55.78 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085038.D

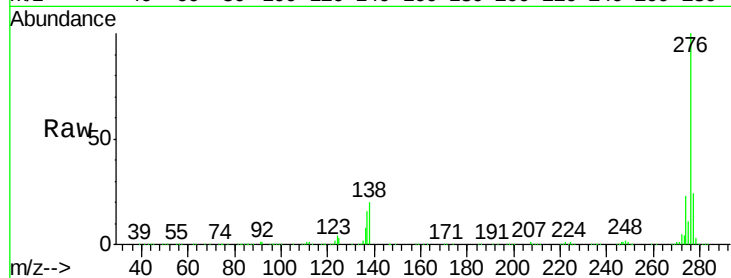
Acq: 12 Feb 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)MS



Tgt Ion: 276 Resp: 810372

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 19.5 17.8 26.6

