

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084945.D
 Acq On : 9 Feb 2016 12:02
 Operator : SJ/IZ
 Sample : PB88243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Quant Time: Feb 10 03:19:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170502	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	708174	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	327456	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	584559	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	417626	20.00	ng	-0.06
86) Perylene-d12	15.14	264	339300	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1310385	119.71	ng	-0.03
7) Phenol-d6	6.30	99	1651512	121.70	ng	-0.03
23) Nitrobenzene-d5	7.21	82	983831	78.26	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	394101	115.38	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1614216	82.04	ng	-0.06
78) Terphenyl-d14	12.74	244	1713689	92.98	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.21	88	152728	31.85	ng	# 75
3) Pyridine	2.85	79	484821	38.81	ng	# 71
4) n-Nitrosodimethylamine	2.81	42	256418	39.69	ng	# 78
6) Aniline	6.30	93	328072	19.76	ng	# 38
8) 2-Chlorophenol	6.43	128	470587	37.98	ng	# 89
9) Benzaldehyde	6.18	77	138448	17.28	ng	# 95
10) Phenol	6.32	94	571128	37.57	ng	# 81
11) bis(2-Chloroethyl)ether	6.38	93	500418	42.21	ng	# 90
12) 1,3-Dichlorobenzene	6.58	146	488073	37.28	ng	# 97
13) 1,4-Dichlorobenzene	6.65	146	480924	36.75	ng	# 97
14) 1,2-Dichlorobenzene	6.81	146	480708	39.44	ng	# 100
15) Benzyl Alcohol	6.80	79	413020	44.08	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	763251	38.27	ng	# 89
17) 2-Methylphenol	6.92	107	403161	41.14	ng	# 89
18) Hexachloroethane	7.15	117	195118	38.72	ng	# 88
19) n-Nitroso-di-n-propylamine	7.07	70	347242	40.82	ng	# 76
20) 3+4-Methylphenols	7.07	107	500949	41.19	ng	# 83
22) Acetophenone	7.06	105	675603	36.20	ng	# 99
24) Nitrobenzene	7.23	77	539050	40.04	ng	# 99
25) Isophorone	7.47	82	920868	37.67	ng	# 97
26) 2-Nitrophenol	7.55	139	273269	41.16	ng	# 97
27) 2,4-Dimethylphenol	7.60	122	437265	37.86	ng	# 95
28) bis(2-Chloroethoxy)methane	7.69	93	546830	37.71	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	378260	38.28	ng	# 94
30) 1,2,4-Trichlorobenzene	7.87	180	435215	39.00	ng	# 96
31) Naphthalene	7.95	128	1371781	38.62	ng	# 99
32) Benzoic acid	7.74	122	262344	35.52	ng	# 92
33) 4-Chloroaniline	8.01	127	171043	11.64	ng	# 91
34) Hexachlorobutadiene	8.06	225	231309	35.94	ng	# 97
35) Caprolactam	8.38	113	90846	29.83	ng	# 49
36) 4-Chloro-3-methylphenol	8.51	107	467675	41.49	ng	# 94
37) 2-Methylnaphthalene	8.64	142	896888	40.34	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	404359	38.88	ng	# 99
40) Hexachlorocyclopentadiene	8.80	237	365305	79.69	ng	# 97

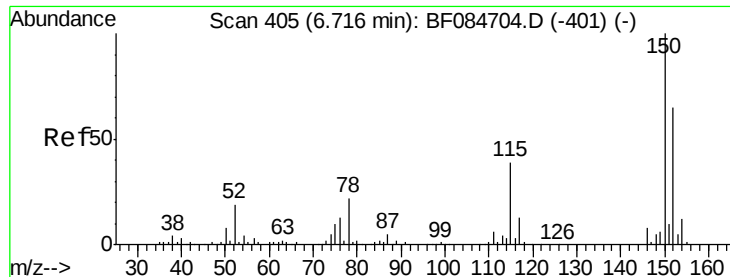
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084945.D
 Acq On : 9 Feb 2016 12:02
 Operator : SJ/IZ
 Sample : PB88243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Quant Time: Feb 10 03:19:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	266244	39.74	ng	96
43) 2,4,5-Trichlorophenol	8.97	196	260907	38.33	ng #	87
45) 1,1'-Biphenyl	9.10	154	1173386	40.12	ng	97
46) 2-Chloronaphthalene	9.13	162	852922	39.60	ng #	89
47) 2-Nitroaniline	9.23	65	301231	44.17	ng	89
48) Acenaphthylene	9.54	152	1328810	40.65	ng	98
49) Dimethylphthalate	9.41	163	911062	36.53	ng #	90
50) 2,6-Dinitrotoluene	9.47	165	195262	35.84	ng #	47
51) Acenaphthene	9.71	154	867082	40.78	ng	96
52) 3-Nitroaniline	9.64	138	121078	19.78	ng #	73
53) 2,4-Dinitrophenol	9.76	184	213720	84.63	ng	93
54) Dibenzofuran	9.88	168	1157186	44.52	ng	97
55) 4-Nitrophenol	9.82	139	257823	57.30	ng #	75
56) 2,4-Dinitrotoluene	9.88	165	294307	42.35	ng	91
57) Fluorene	10.22	166	913414	42.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	223103	43.05	ng #	85
59) Diethylphthalate	10.11	149	901566	37.02	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	373768	40.22	ng	90
61) 4-Nitroaniline	10.26	138	234489	39.31	ng	83
62) Azobenzene	10.37	77	975926	41.68	ng	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	134545	37.29	ng #	52
65) n-Nitrosodiphenylamine	10.34	169	745038	40.14	ng	98
66) 4-Bromophenyl-phenylether	10.70	248	280479	43.44	ng #	93
67) Hexachlorobenzene	10.76	284	272928	38.80	ng #	83
68) Atrazine	10.88	200	280397	47.84	ng	97
69) Pentachlorophenol	10.97	266	229767	69.49	ng	98
70) Phenanthrene	11.17	178	1226533	37.83	ng	97
71) Anthracene	11.23	178	1395200	42.71	ng	100
72) Carbazole	11.39	167	1260124	44.23	ng	98
73) Di-n-butylphthalate	11.72	149	1411865	38.93	ng #	97
74) Fluoranthene	12.35	202	1291046	39.34	ng	99
76) Benzidine	12.49	184	388366	26.72	ng	98
77) Pyrene	12.58	202	1230416	38.48	ng	99
79) Butylbenzylphthalate	13.22	149	622440	42.91	ng #	89
80) Benzo(a)anthracene	13.77	228	1068101	41.21	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	156205	17.02	ng #	94
82) Chrysene	13.80	228	857206	34.10	ng	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	785113	43.49	ng #	97
84) Di-n-octyl phthalate	14.39	149	1187569	39.88	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	825549	41.73	ng	98
87) Benzo(b)fluoranthene	14.80	252	1669104	73.21	ng	97
88) Benzo(k)fluoranthene	14.80	252	1669104	88.55	ng	98
89) Benzo(a)pyrene	15.08	252	779062	40.11	ng #	95
90) Dibenzo(a,h)anthracene	16.41	278	679526	41.56	ng	98
91) Benzo(g,h,i)perylene	16.77	276	698833	42.43	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

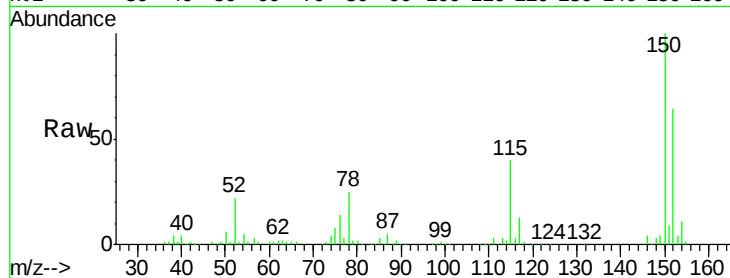
Tgt Ion:152 Resp: 170502

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

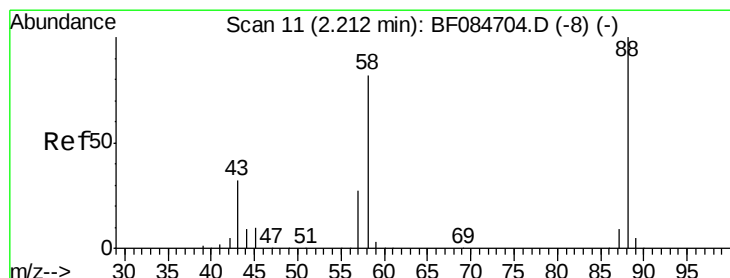
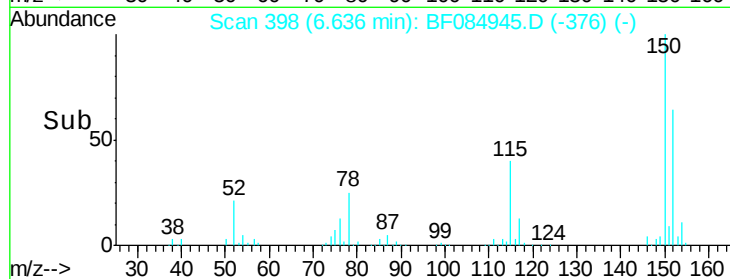
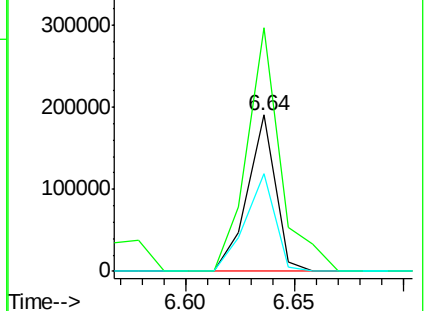
115 62.3 51.4 77.2



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: 31.85 ng

RT: 2.21 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

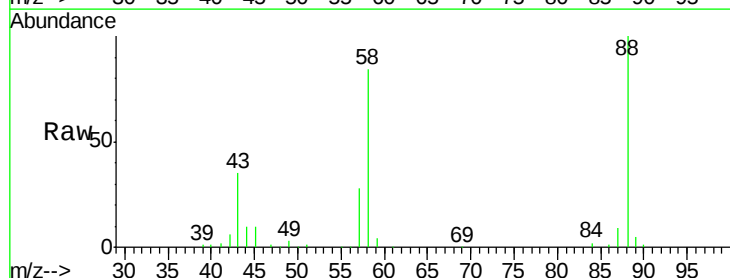
Tgt Ion: 88 Resp: 152728

Ion Ratio Lower Upper

88 100

58 85.0 51.2 76.8#

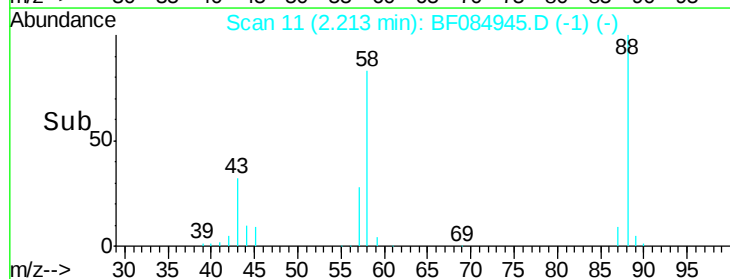
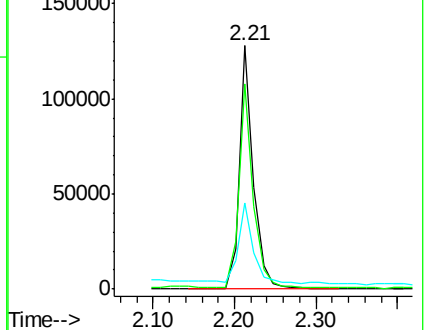
43 34.8 19.5 29.3#

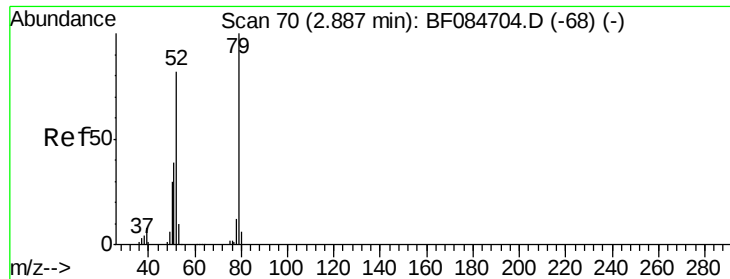


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.81 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

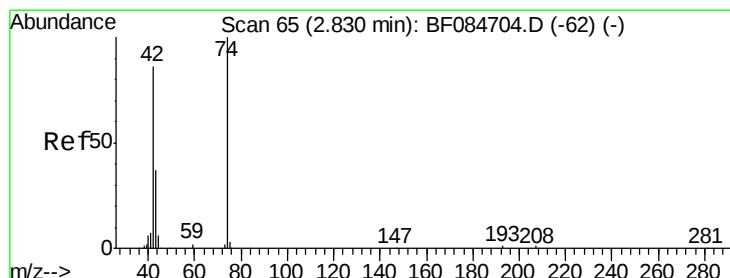
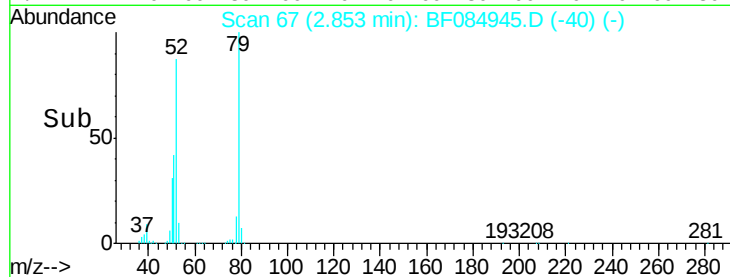
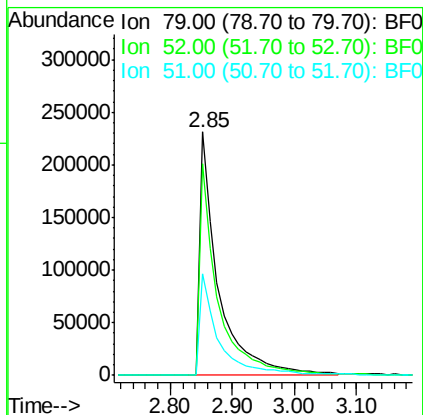
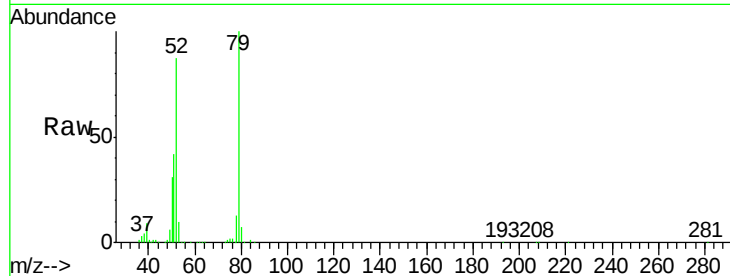
Tgt Ion: 79 Resp: 484821

Ion Ratio Lower Upper

79 100

52 86.9 49.0 73.4#

51 41.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.69 ng

RT: 2.81 min Scan# 63

Delta R.T. 0.01 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

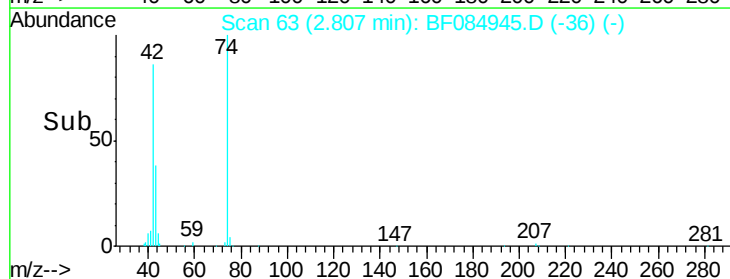
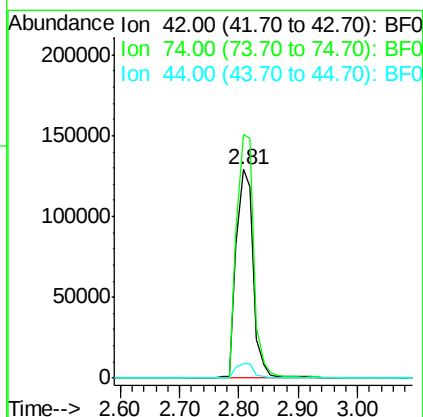
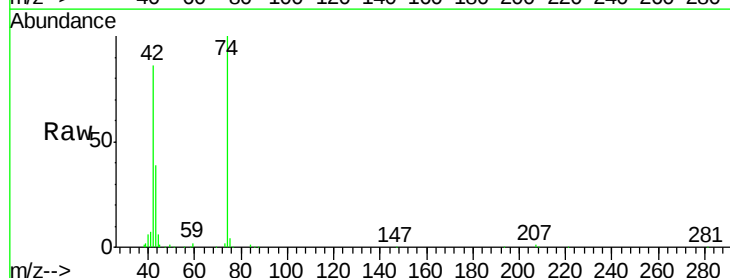
Tgt Ion: 42 Resp: 256418

Ion Ratio Lower Upper

42 100

74 116.8 115.7 173.5

44 7.1 5.1 7.7





#5

2-Fluorophenol

Concen: 119.71 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

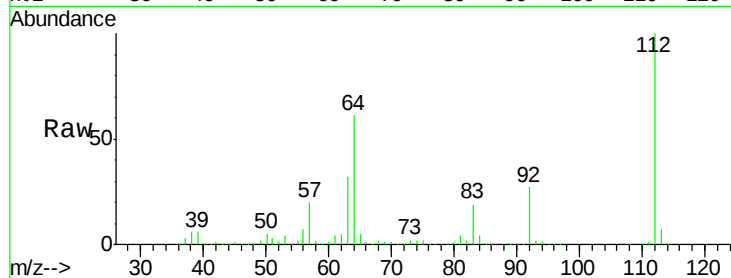
Tgt Ion: 112 Resp: 1310385

Ion Ratio Lower Upper

112 100

64 61.2 36.6 55.0#

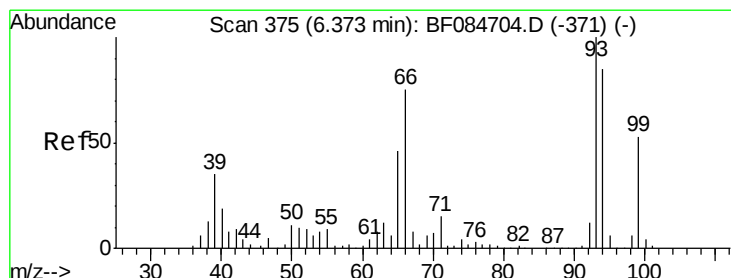
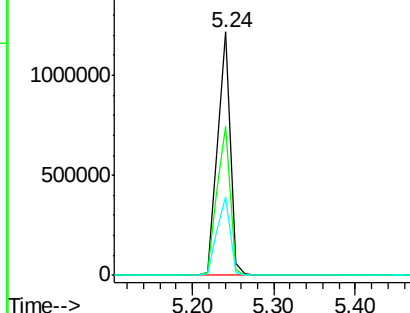
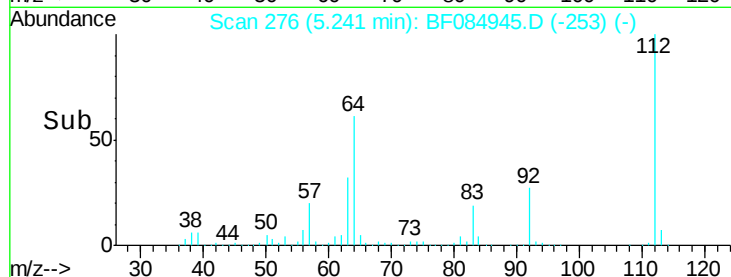
63 32.3 19.4 29.0#



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: 19.76 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

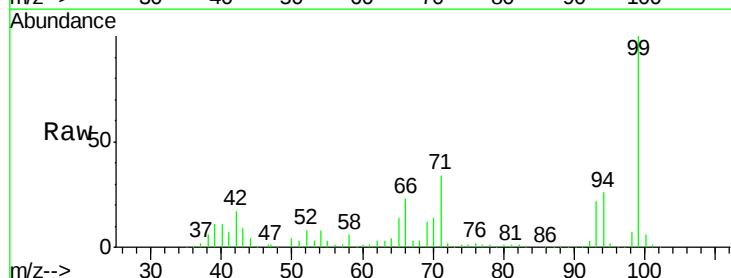
Tgt Ion: 93 Resp: 328072

Ion Ratio Lower Upper

93 100

66 103.5 44.9 67.3#

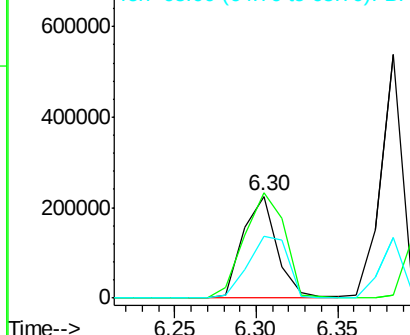
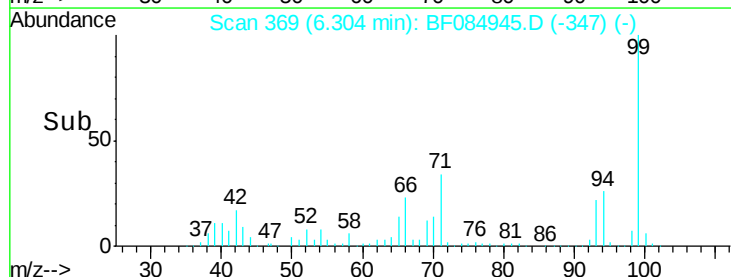
65 60.4 23.7 35.5#



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: 121.70 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

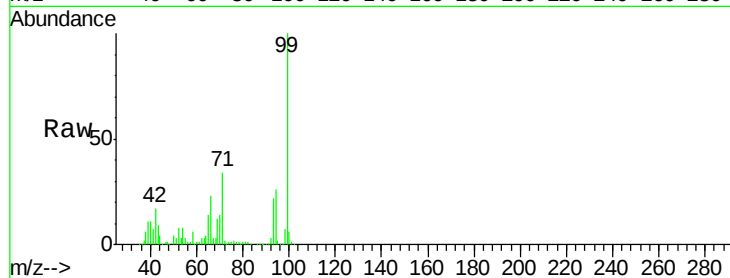
Tgt Ion: 99 Resp: 1651512

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

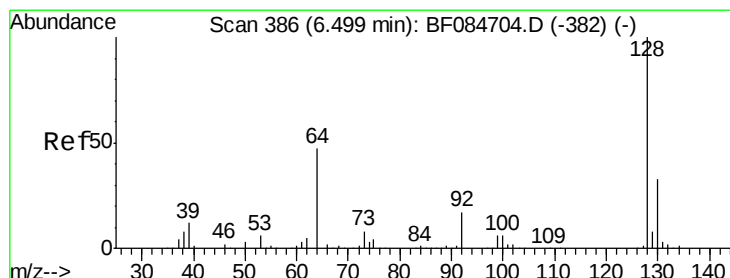
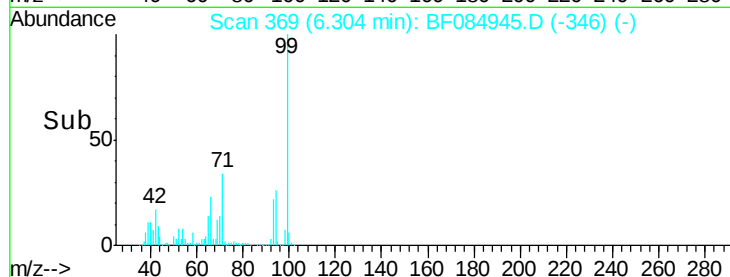
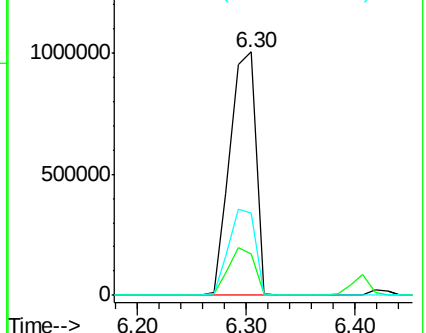
71 33.8 30.9 46.3



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: 37.98 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

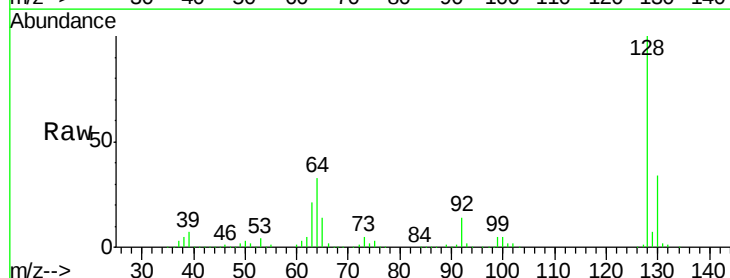
Tgt Ion: 128 Resp: 470587

Ion Ratio Lower Upper

128 100

130 34.3 11.6 51.6

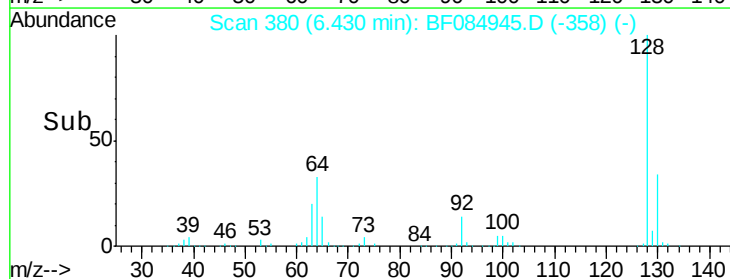
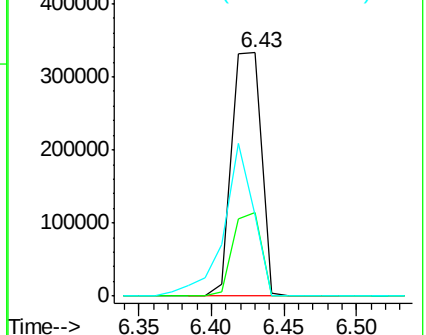
64 33.4 23.8 63.8

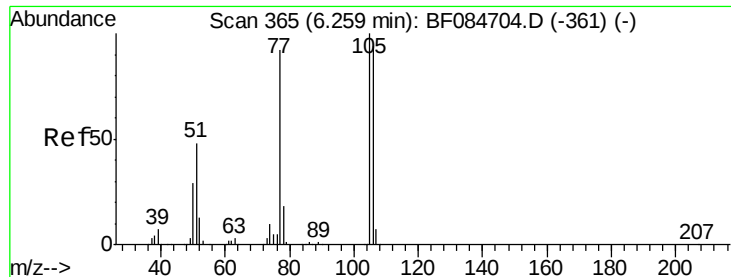


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.28 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

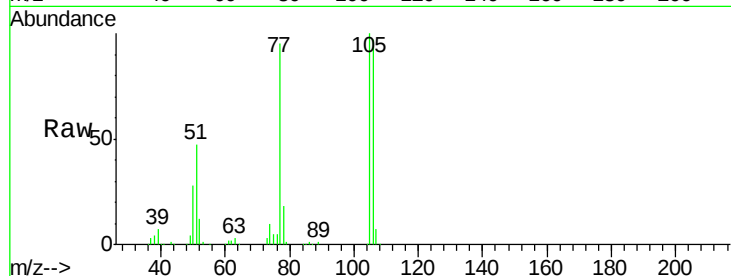
Tgt Ion: 77 Resp: 138448

Ion Ratio Lower Upper

77 100

105 105.7 83.0 123.0

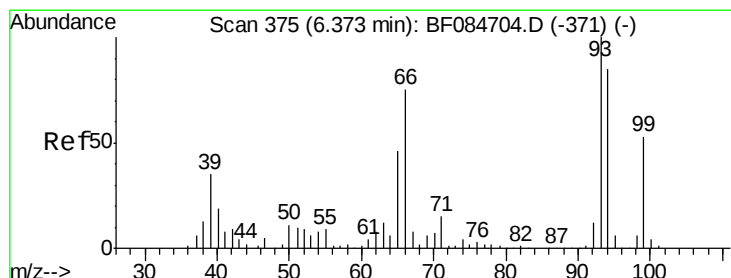
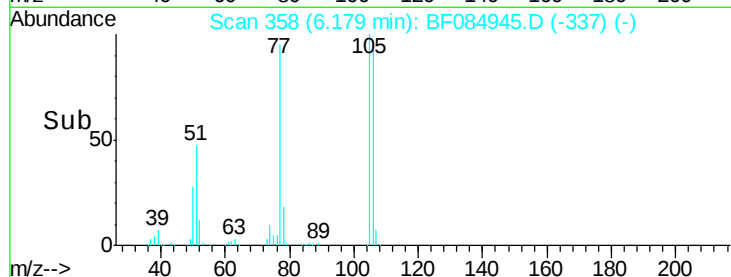
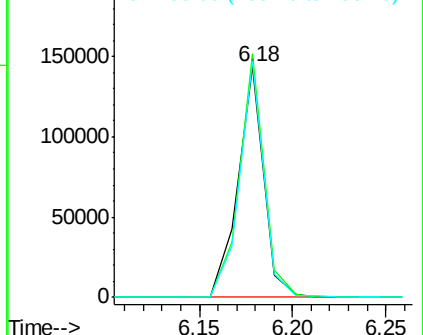
106 102.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.57 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

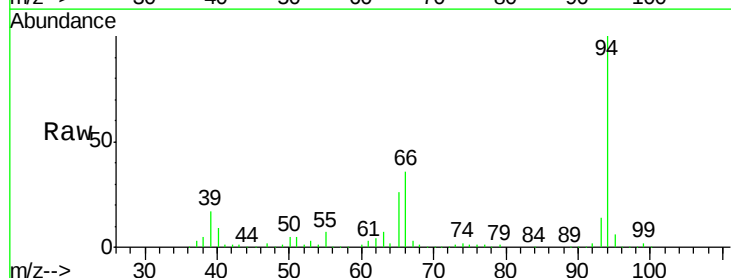
Tgt Ion: 94 Resp: 571128

Ion Ratio Lower Upper

94 100

65 26.2 12.9 52.9

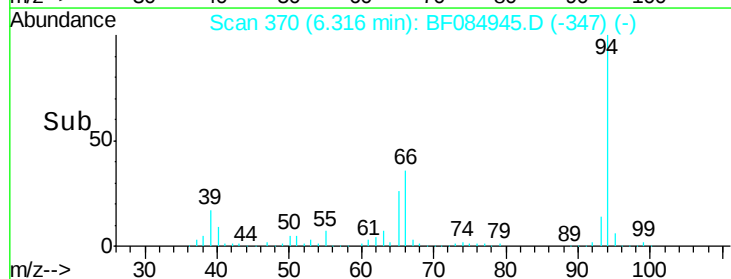
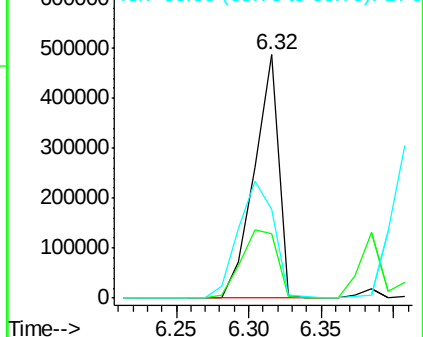
66 36.3 32.7 72.7

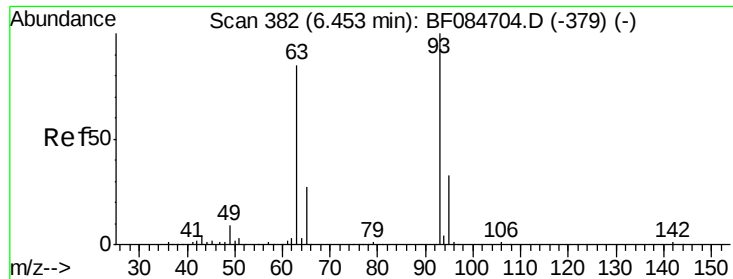


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

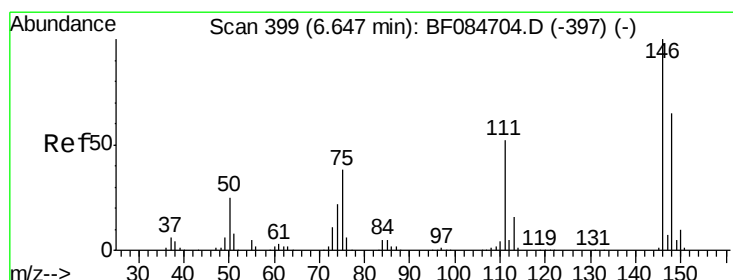
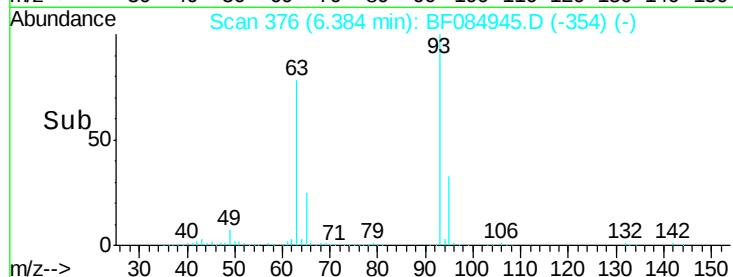
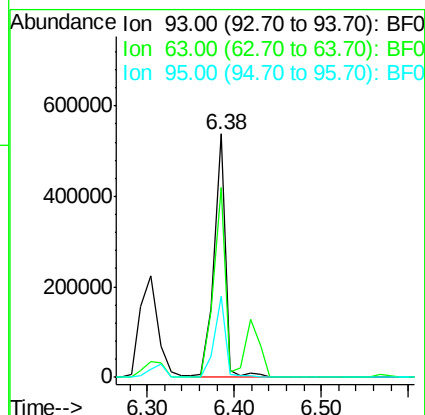
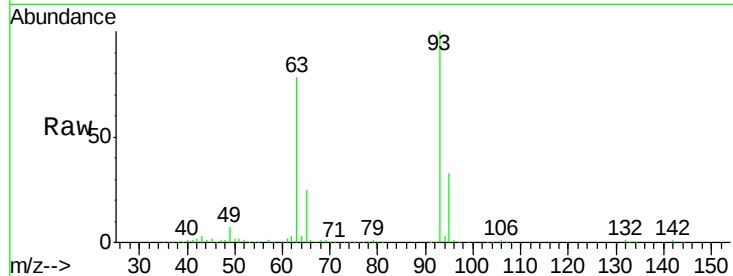




#11
bis(2-Chloroethyl)ether
Concen: 42.21 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

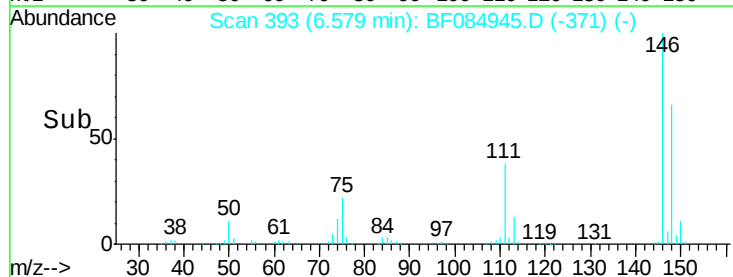
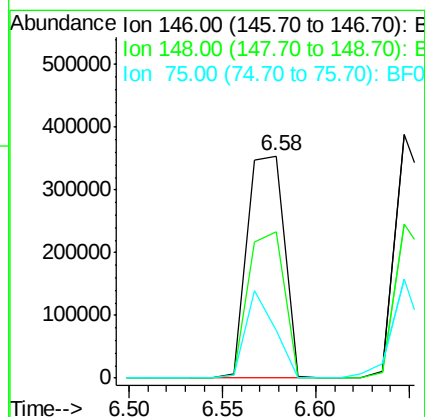
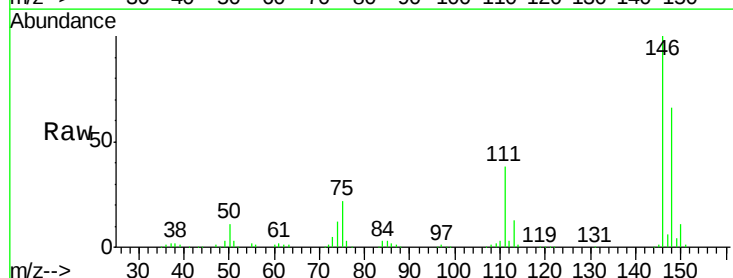
Instrument :
BNA_F
ClientSampleId :
PB88243BS

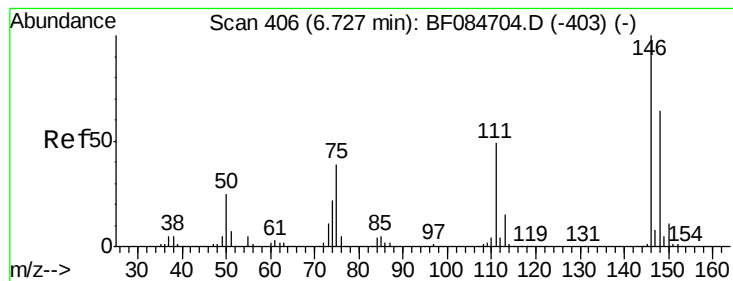
Tgt Ion: 93 Resp: 500418
Ion Ratio Lower Upper
93 100
63 77.7 45.9 85.9
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.28 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion: 146 Resp: 488073
Ion Ratio Lower Upper
146 100
148 66.1 51.9 77.9
75 21.7 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 36.75 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

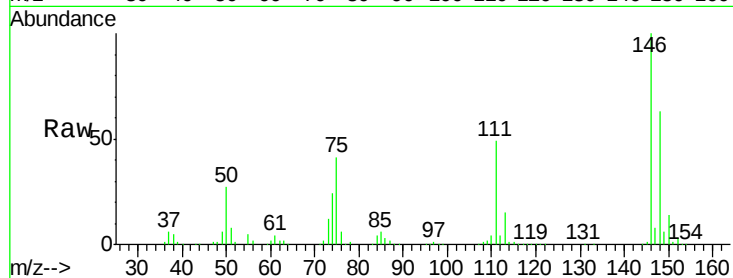
Tgt Ion:146 Resp: 480924

Ion Ratio Lower Upper

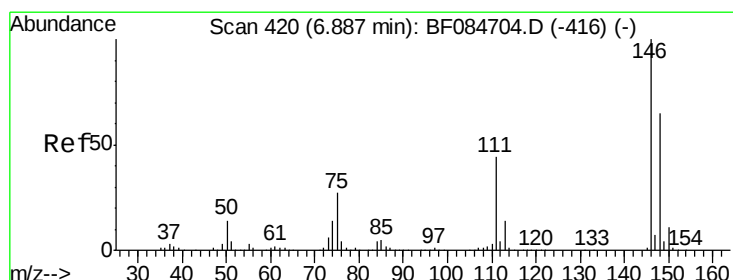
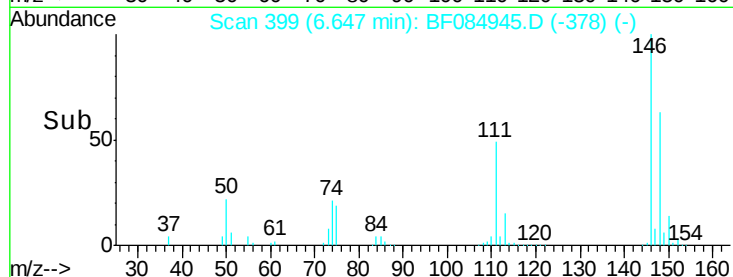
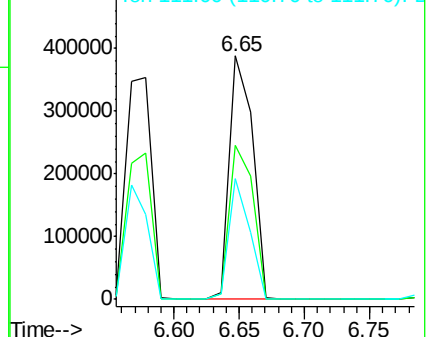
146 100

148 63.4 51.9 77.9

111 49.4 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: 39.44 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

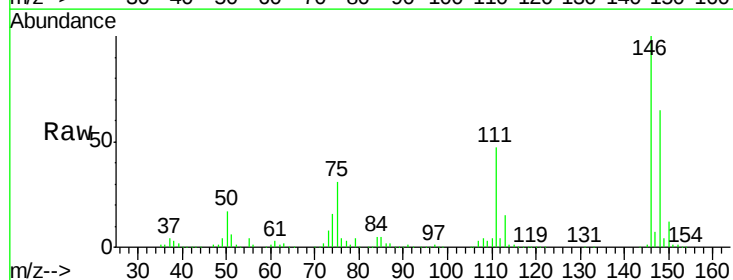
Tgt Ion:146 Resp: 480708

Ion Ratio Lower Upper

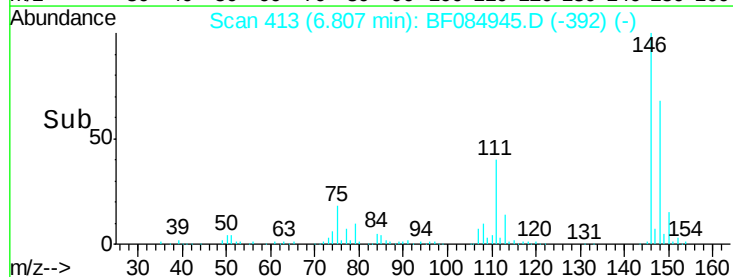
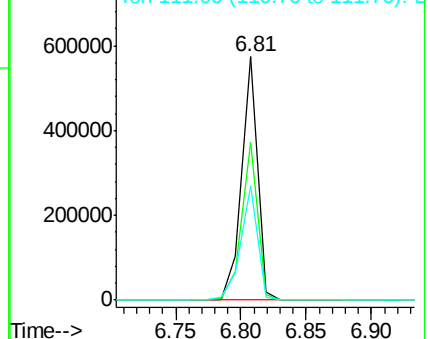
146 100

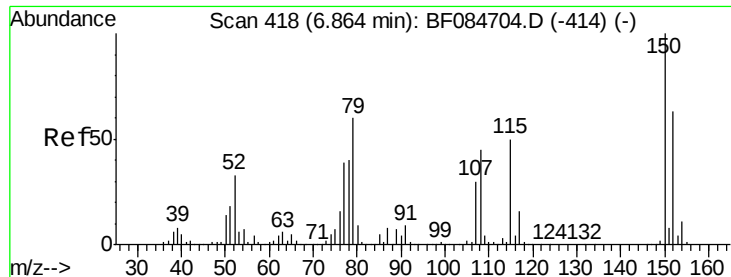
148 64.6 51.6 77.4

111 47.2 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

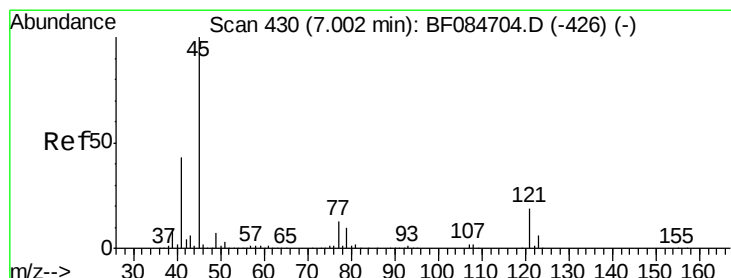
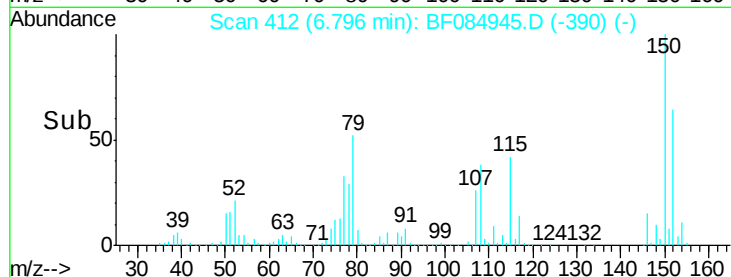
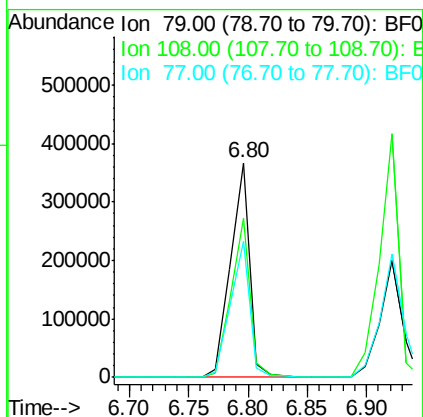
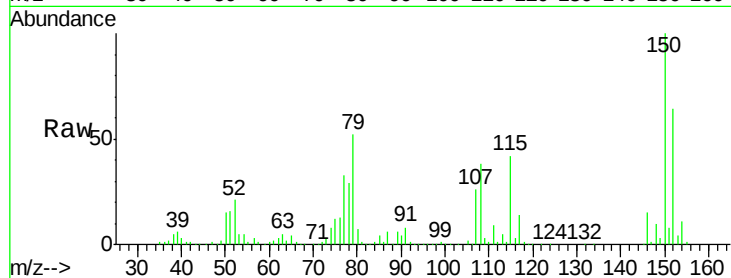




#15
Benzyl Alcohol
Concen: 44.08 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

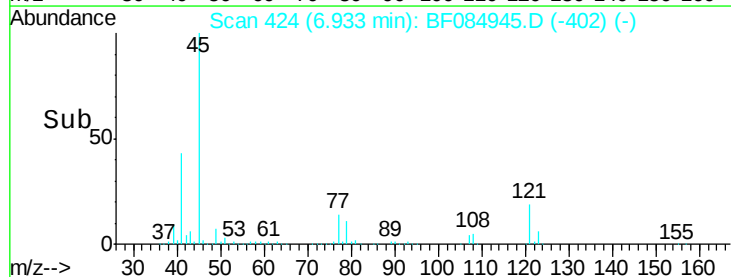
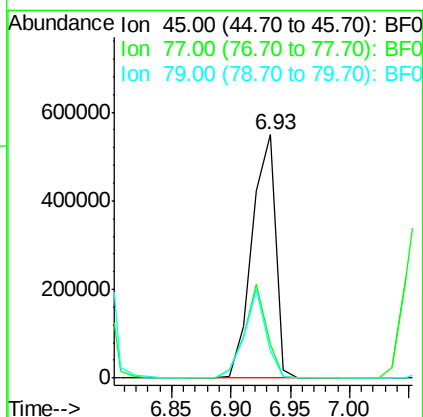
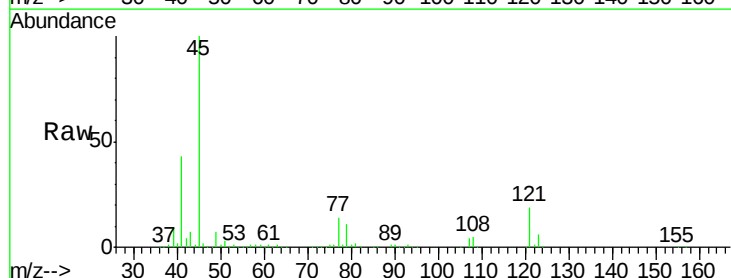
Instrument :
BNA_F
ClientSampleId :
PB88243BS

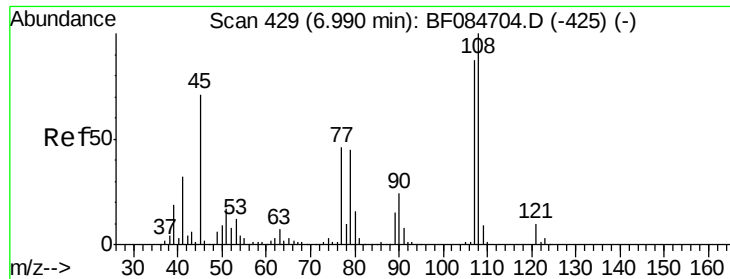
Tgt Ion: 79 Resp: 413020
Ion Ratio Lower Upper
79 100
108 74.2 69.0 103.4
77 63.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.27 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion: 45 Resp: 763251
Ion Ratio Lower Upper
45 100
77 13.8 0.0 39.6
79 11.3 0.0 35.0





#17

2-Methylphenol

Concen: 41.14 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tgt Ion:107 Resp: 403161

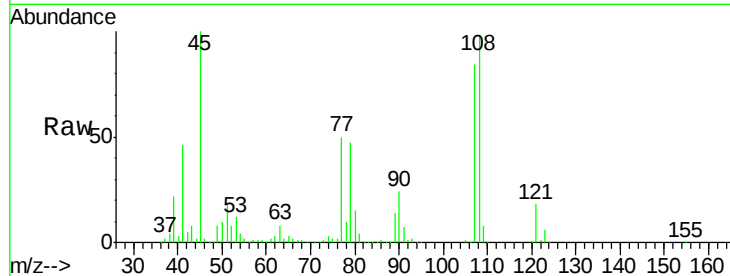
Ion Ratio Lower Upper

107 100

108 116.5 89.8 134.6

77 58.9 35.7 53.5#

79 56.0 35.7 53.5#

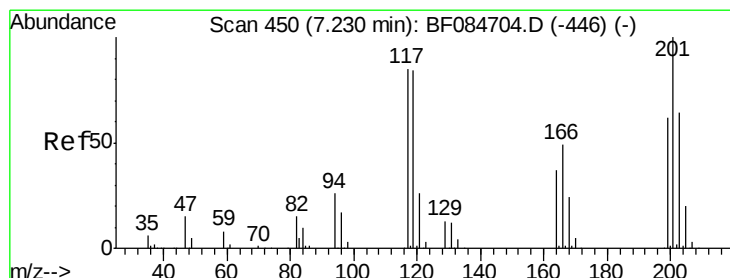
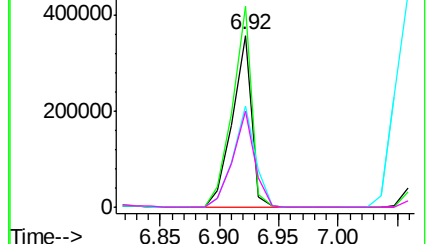
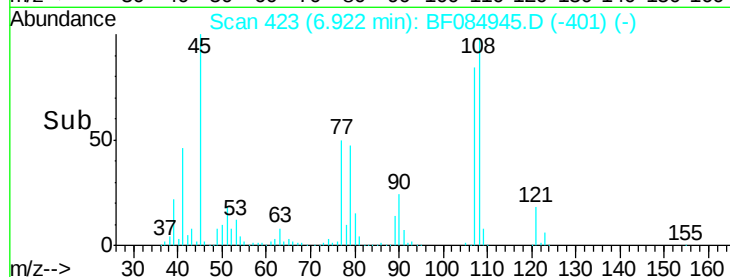


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.72 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

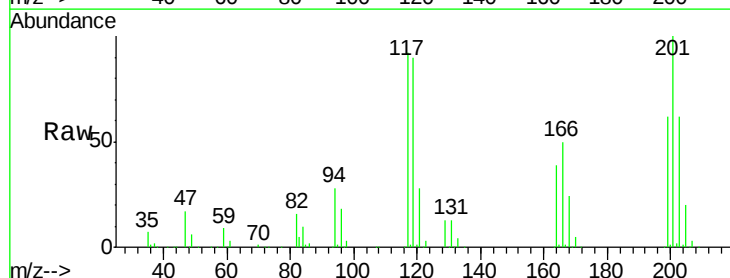
Tgt Ion:117 Resp: 195118

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

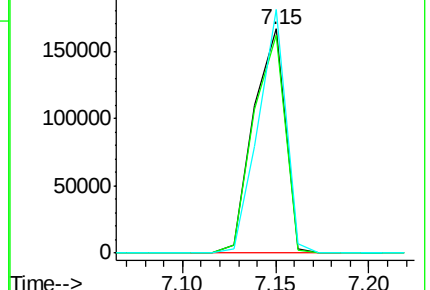
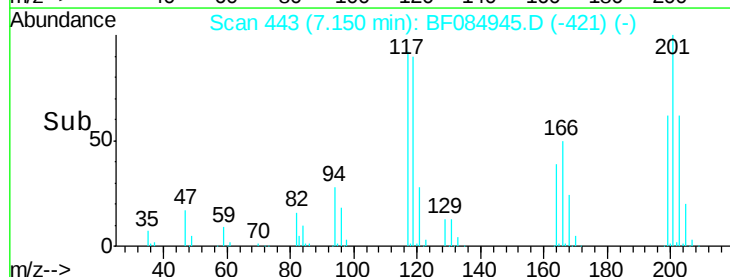
201 108.7 68.6 103.0#

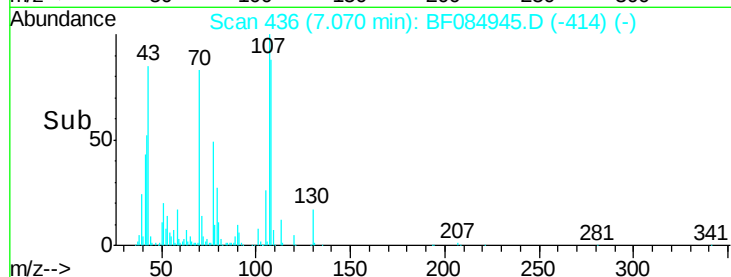
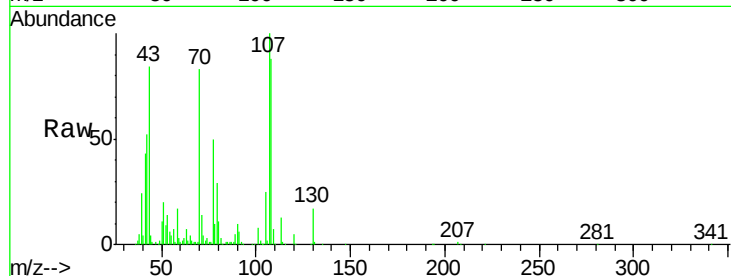
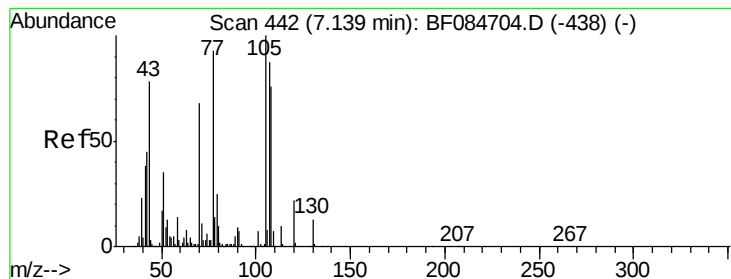


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.82 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tgt Ion: 70 Resp: 347242

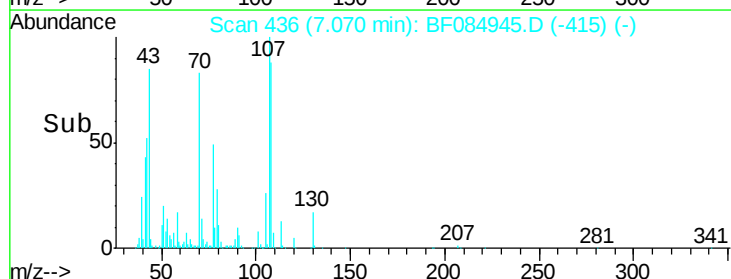
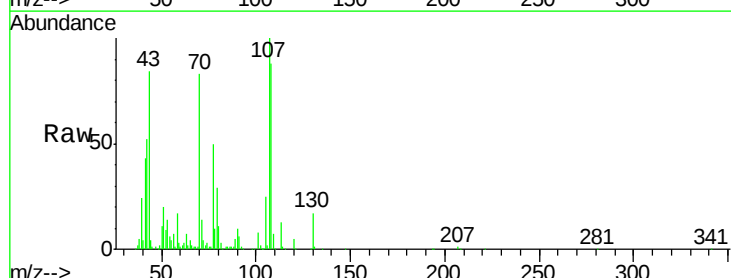
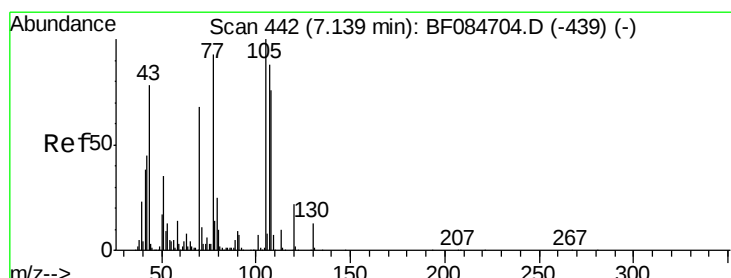
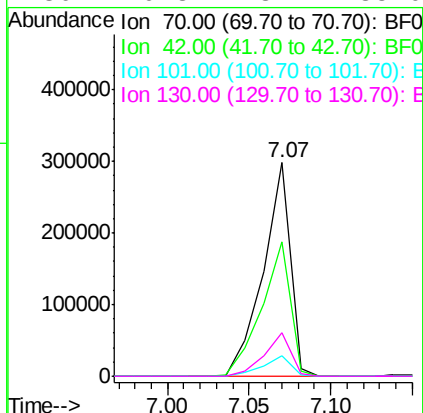
Ion Ratio Lower Upper

70 100

42 62.7 33.3 49.9#

101 9.6 9.3 13.9

130 20.3 23.4 35.0#



#20

3+4-Methylphenols

Concen: 41.19 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion: 107 Resp: 500949

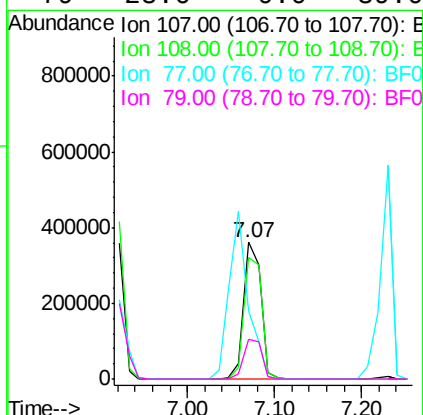
Ion Ratio Lower Upper

107 100

108 88.5 74.6 114.6

77 49.7 0.7 40.7#

79 28.6 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tgt Ion:136 Resp: 708174

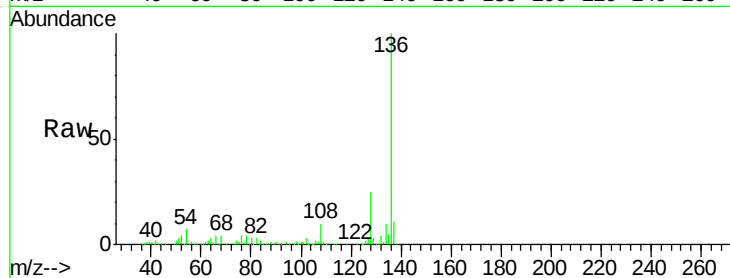
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.1 5.8 8.8

68 4.0 4.2 6.2#

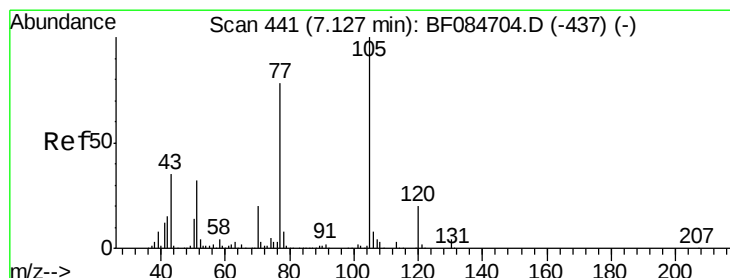
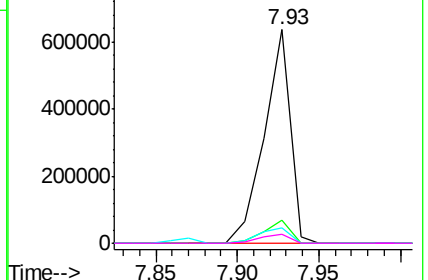
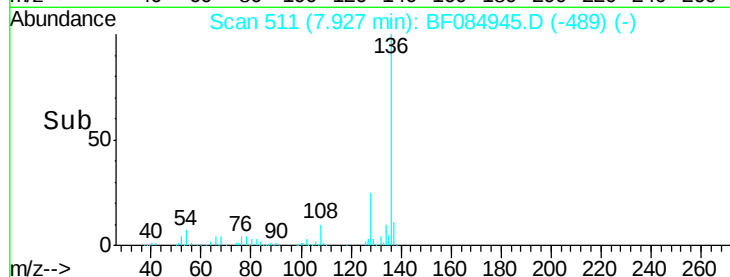


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.20 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:105 Resp: 675603

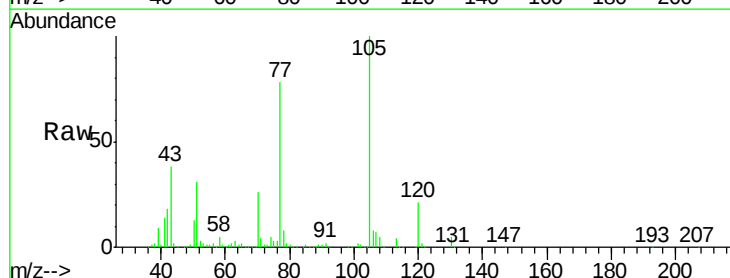
Ion Ratio Lower Upper

105 100

71 4.3 3.7 5.5

51 30.6 25.1 37.7

120 20.8 16.6 25.0

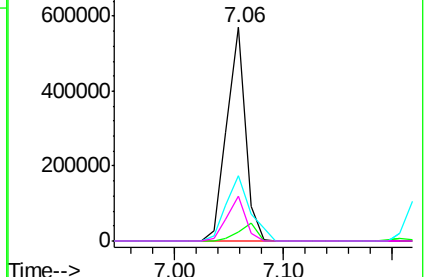
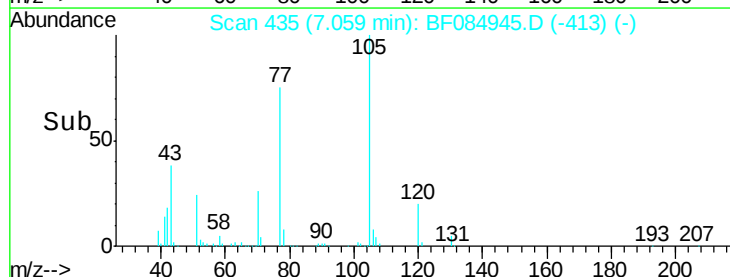


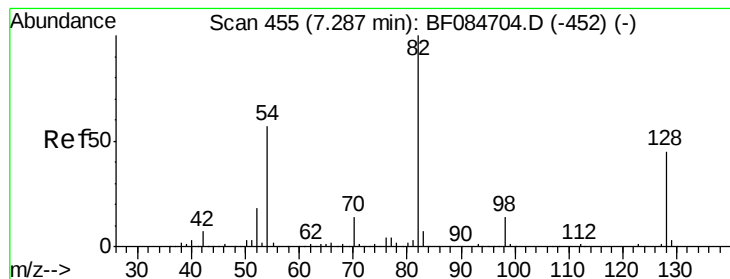
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.26 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

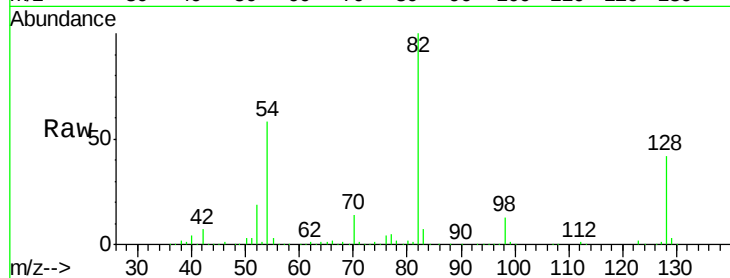
Tgt Ion: 82 Resp: 983831

Ion Ratio Lower Upper

82 100

128 42.3 34.6 51.8

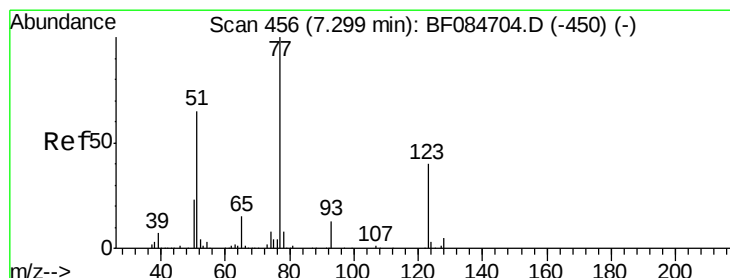
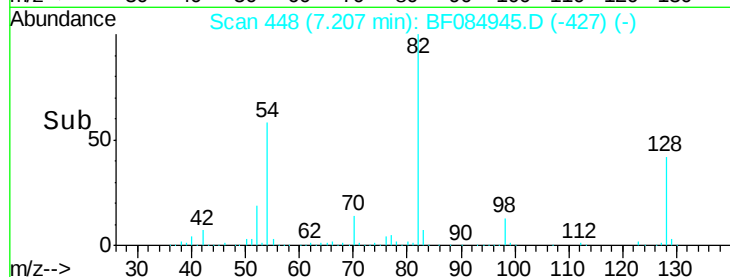
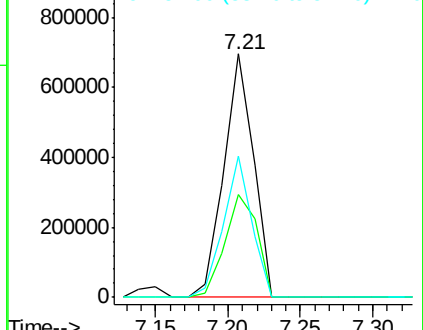
54 58.1 38.4 57.6#



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: 40.04 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

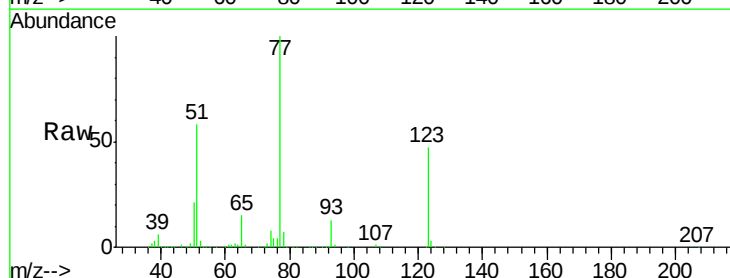
Tgt Ion: 77 Resp: 539050

Ion Ratio Lower Upper

77 100

123 47.1 37.4 56.2

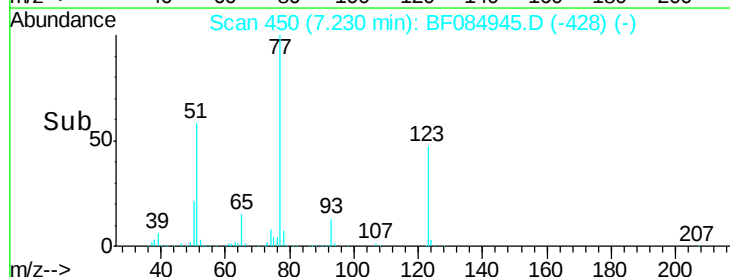
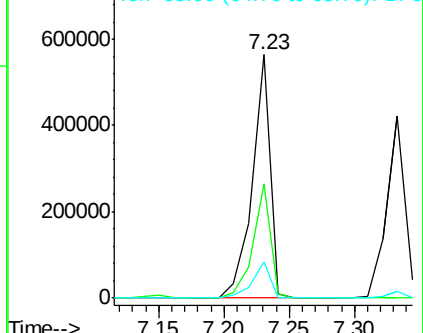
65 14.8 10.9 16.3

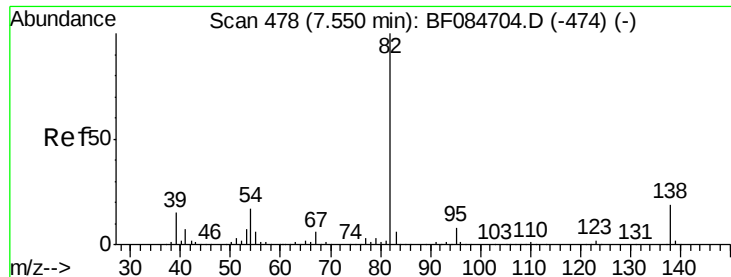


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.67 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

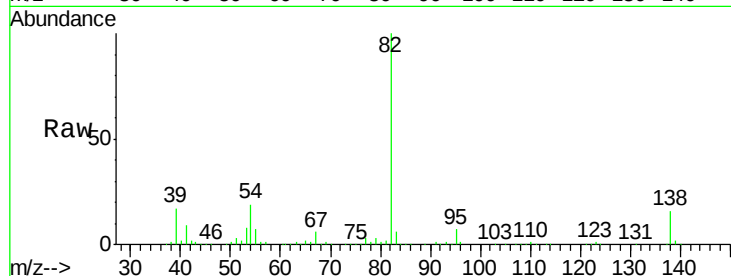
Tgt Ion: 82 Resp: 920868

Ion Ratio Lower Upper

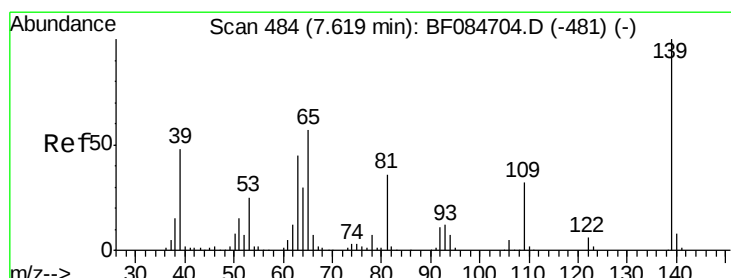
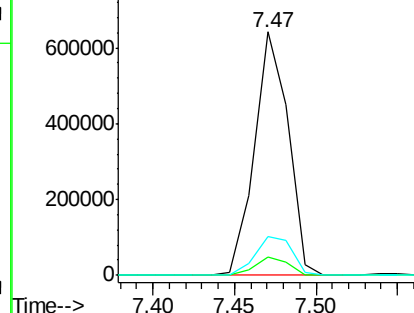
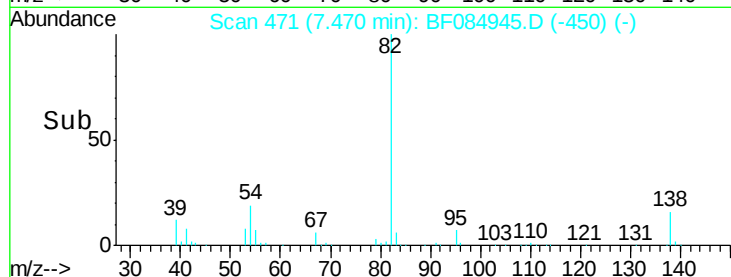
82 100

95 7.4 6.6 10.0

138 15.7 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: 41.16 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

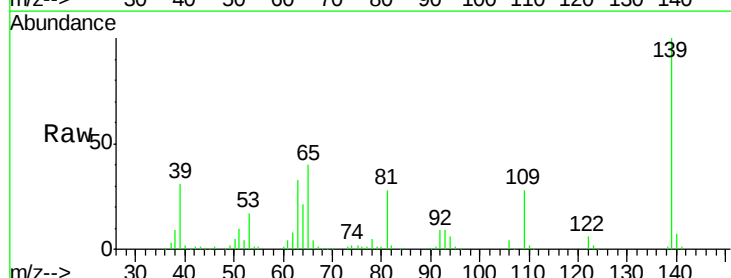
Tgt Ion: 139 Resp: 273269

Ion Ratio Lower Upper

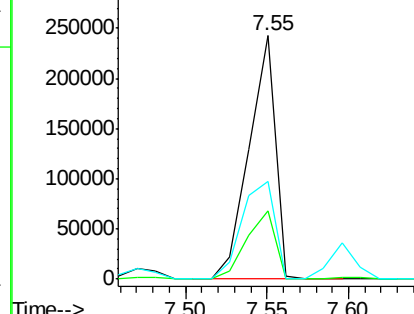
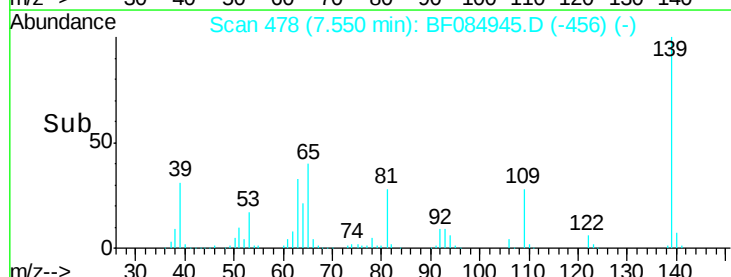
139 100

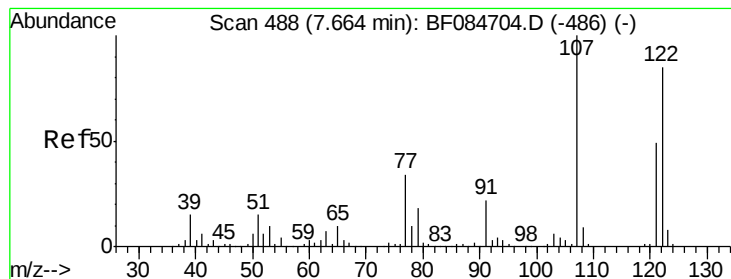
109 28.0 25.4 38.2

65 40.2 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

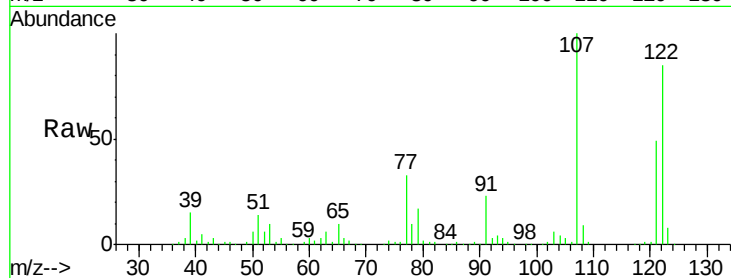




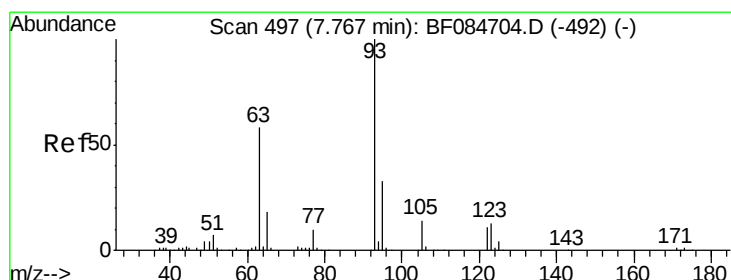
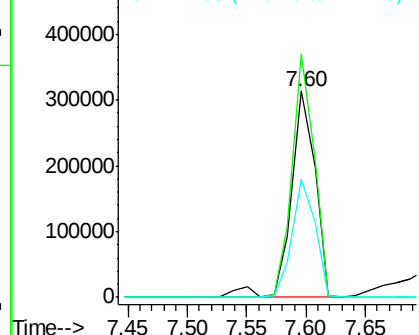
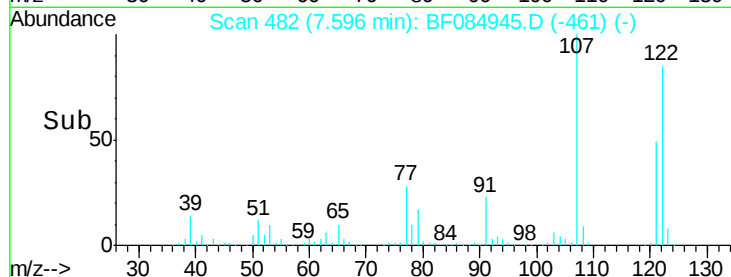
#27
 2,4-Dimethylphenol
 Concen: 37.86 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion: 122 Resp: 437265
 Ion Ratio Lower Upper
 122 100
 107 117.9 99.1 148.7
 121 57.3 47.9 71.9

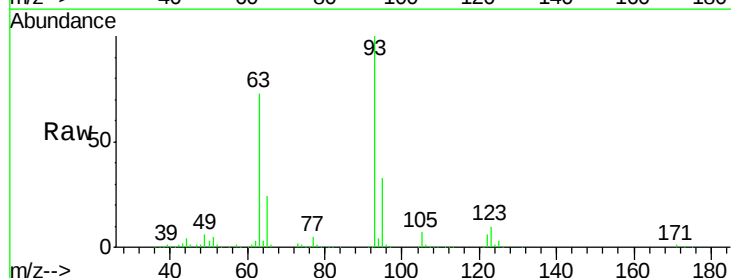


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

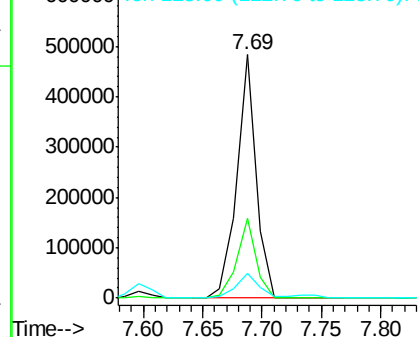
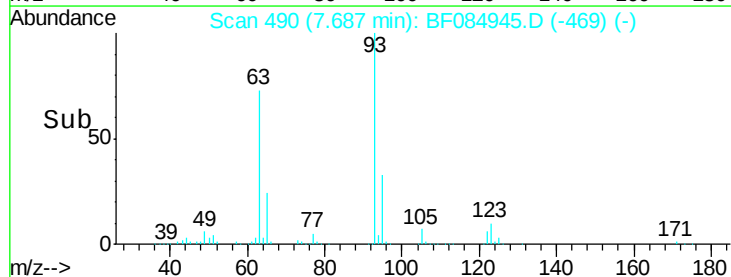


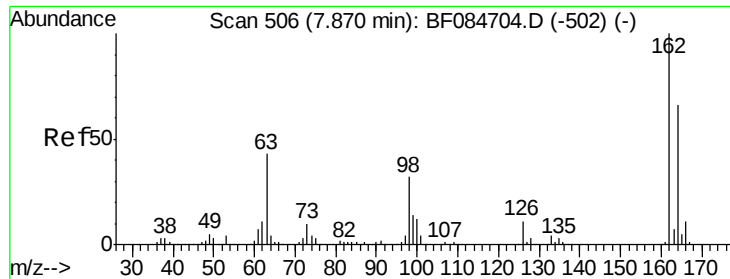
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.71 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion: 93 Resp: 546830
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 10.4 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

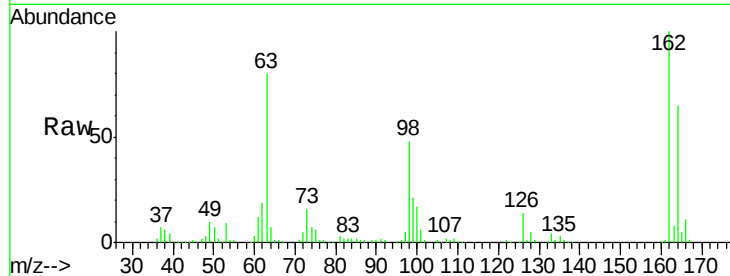




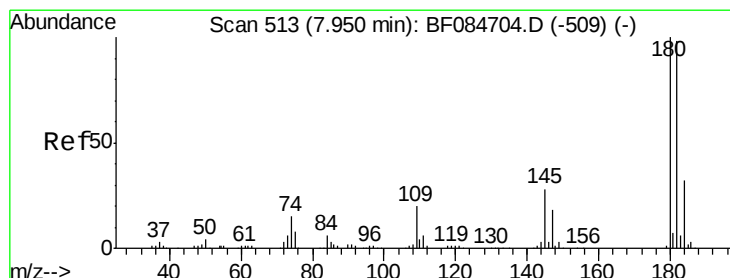
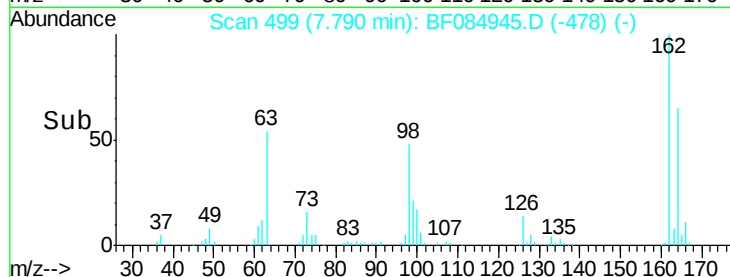
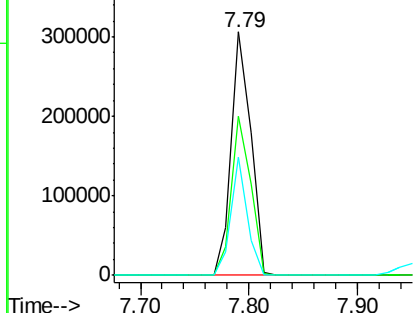
#29
 2,4-Dichlorophenol
 Concen: 38.28 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.1	84.1
98	48.3	20.2	60.2

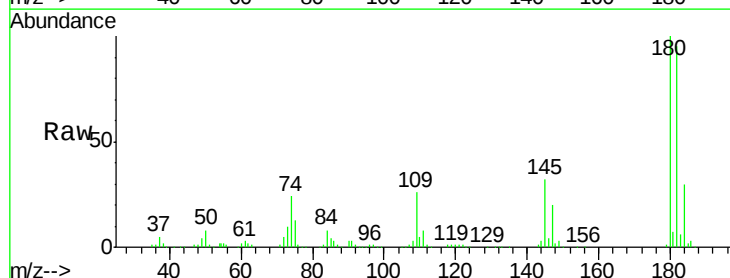


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

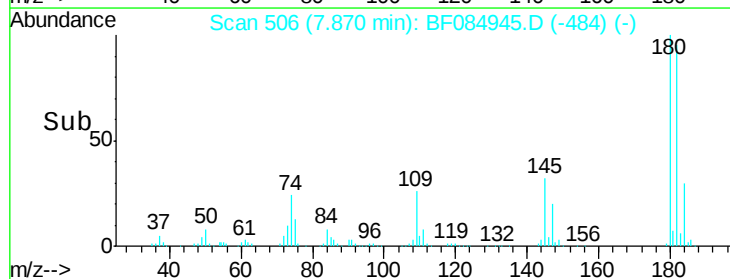
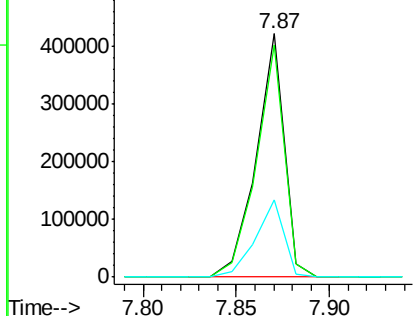


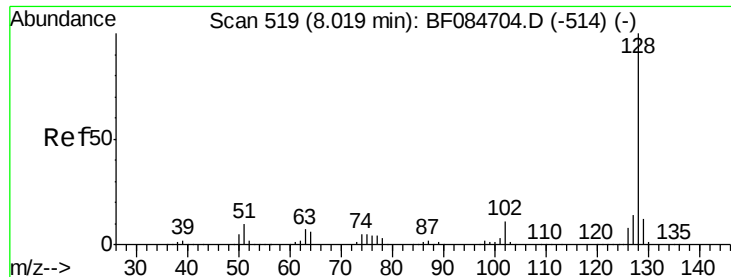
#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	31.6	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

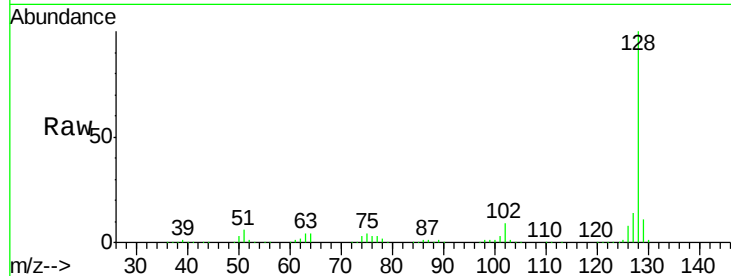




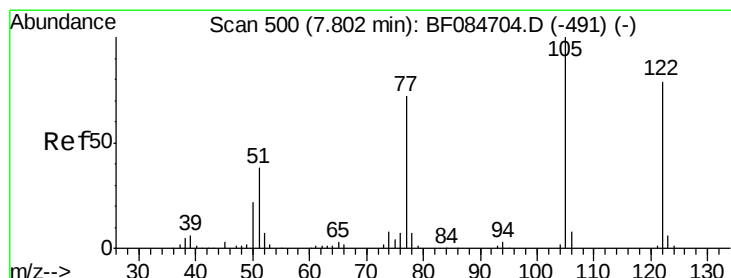
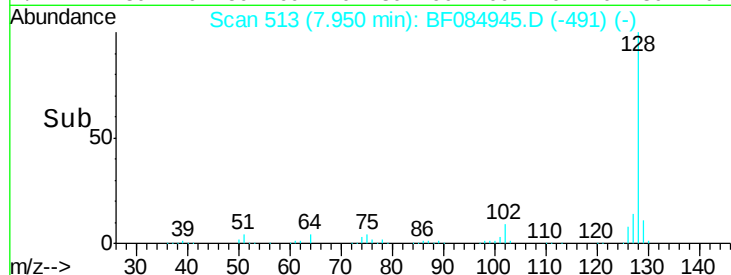
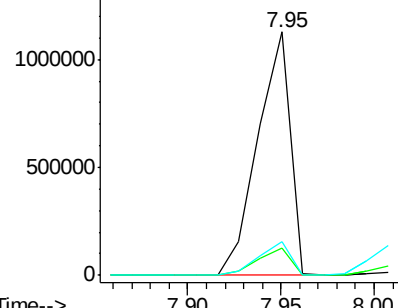
#31
Naphthalene
Concen: 38.62 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tgt Ion:128 Resp: 1371781
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.6 11.1 16.7

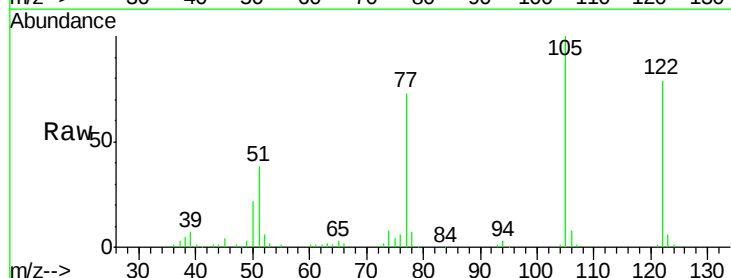


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

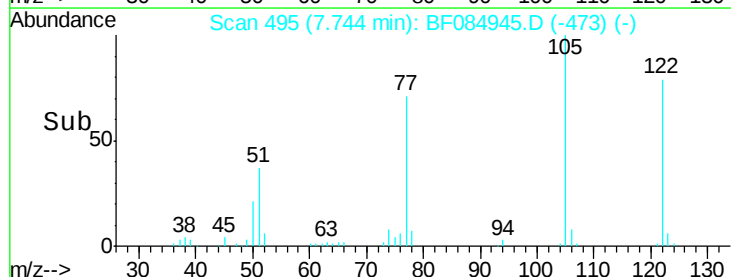
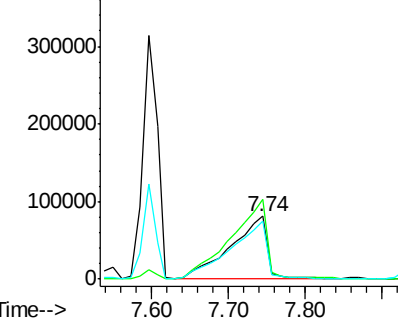


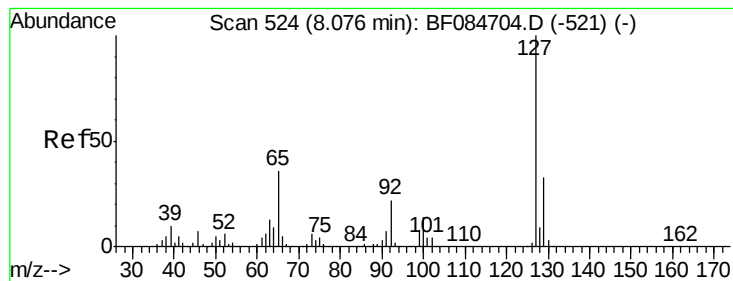
#32
Benzoic acid
Concen: 35.52 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion:122 Resp: 262344
Ion Ratio Lower Upper
122 100
105 127.3 100.3 140.3
77 92.8 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: 11.64 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tgt Ion:127 Resp: 171043

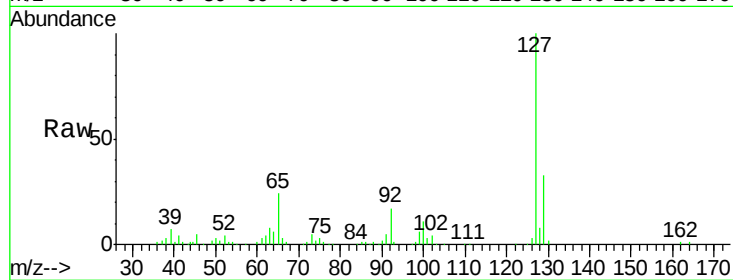
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 24.4 27.2 40.8#

92 16.7 17.7 26.5#

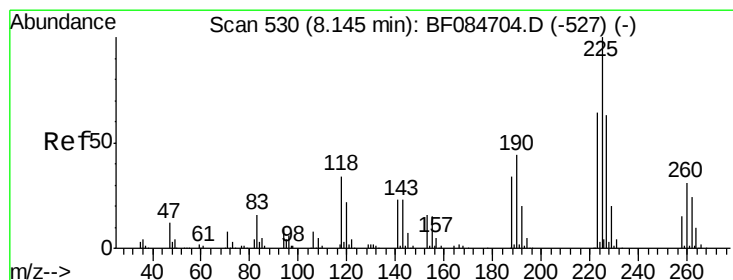
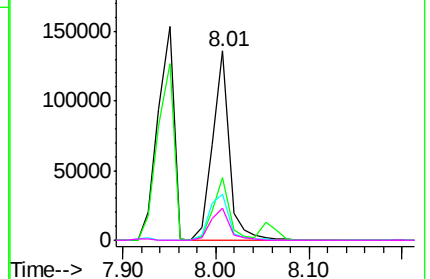
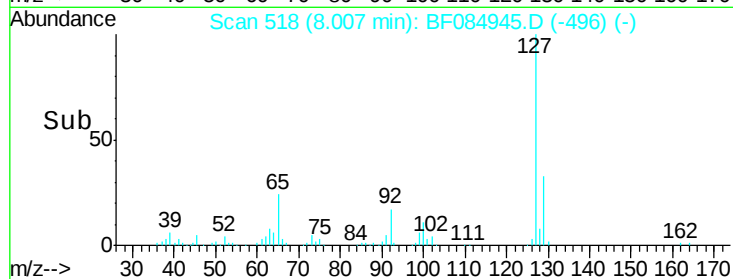


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.94 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

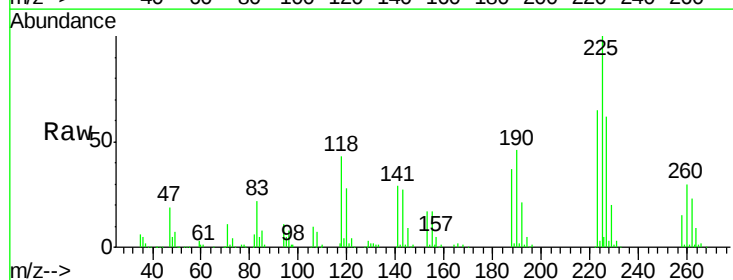
Tgt Ion:225 Resp: 231309

Ion Ratio Lower Upper

225 100

223 64.5 49.4 74.0

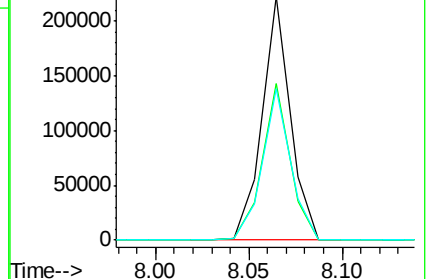
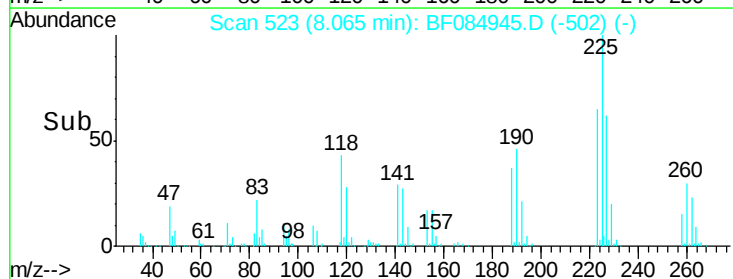
227 62.2 50.8 76.2



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: 29.83 ng

RT: 8.38 min Scan# 551

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

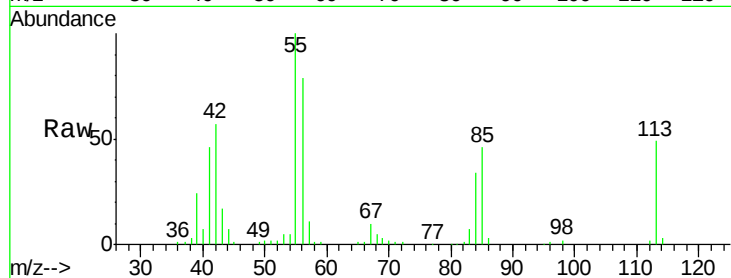
Tgt Ion:113 Resp: 90846

Ion Ratio Lower Upper

113 100

55 205.0 116.9 156.9#

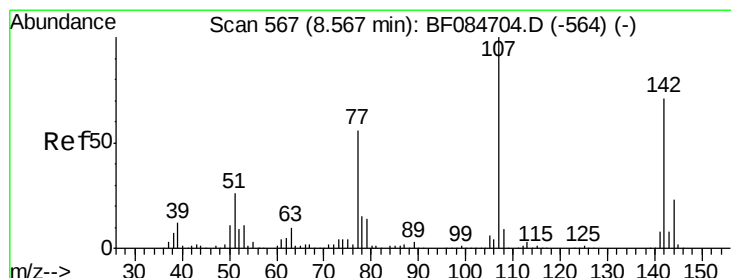
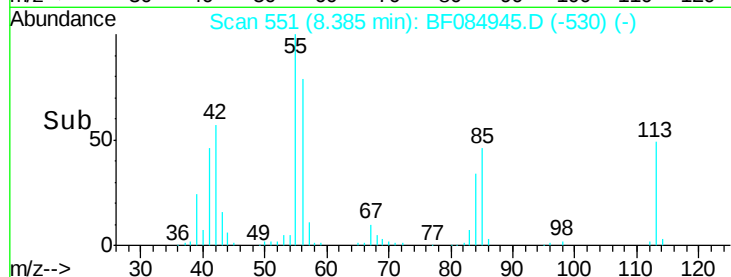
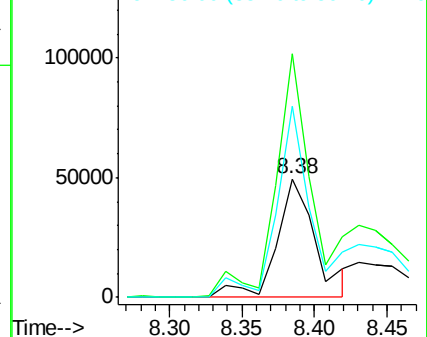
56 161.3 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.49 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

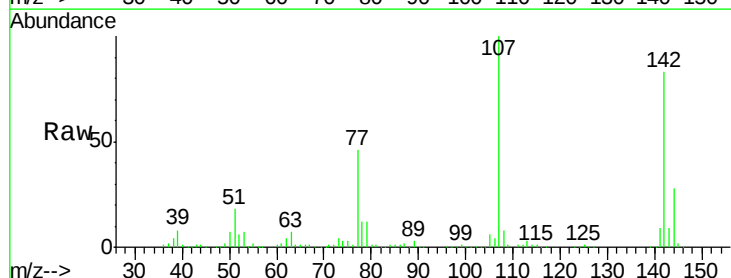
Tgt Ion:107 Resp: 467675

Ion Ratio Lower Upper

107 100

144 27.7 19.7 29.5

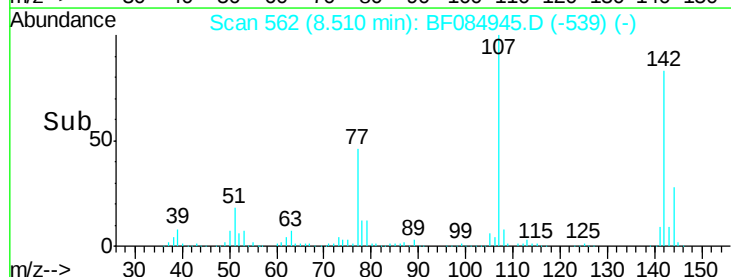
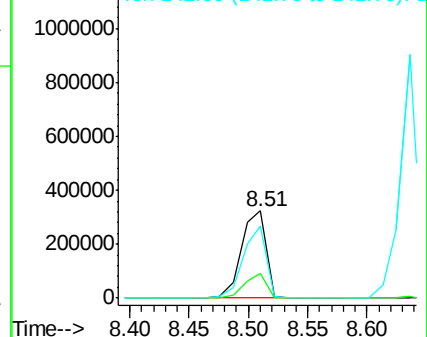
142 82.9 61.8 92.6

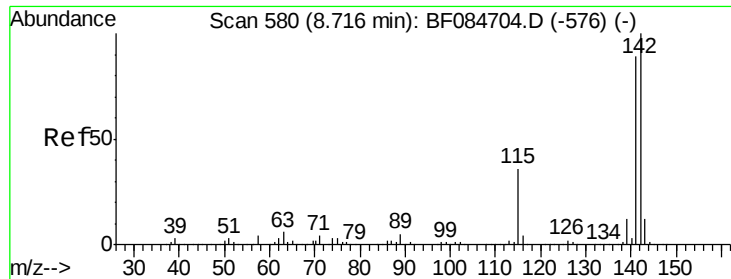


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

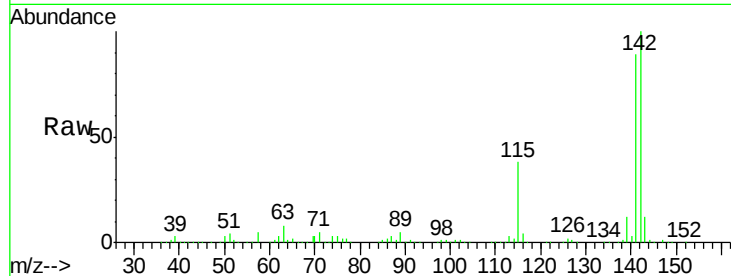




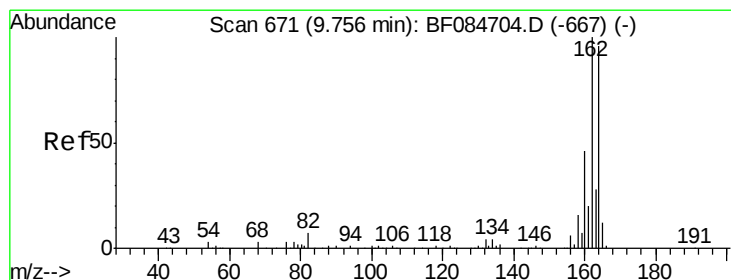
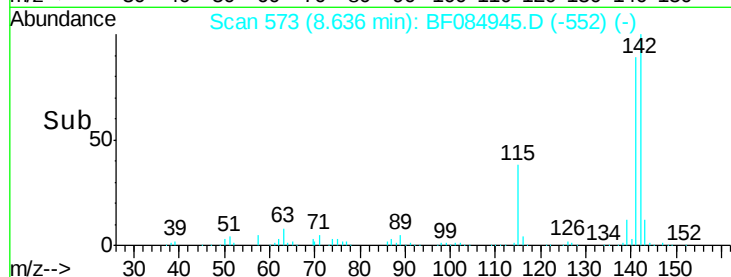
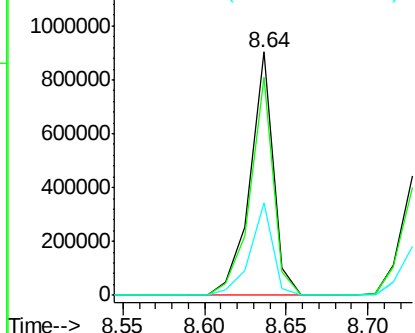
#37
 2-Methylnaphthalene
 Concen: 40.34 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion:142 Resp: 896888
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.4 108.6
 115 38.3 27.9 41.9

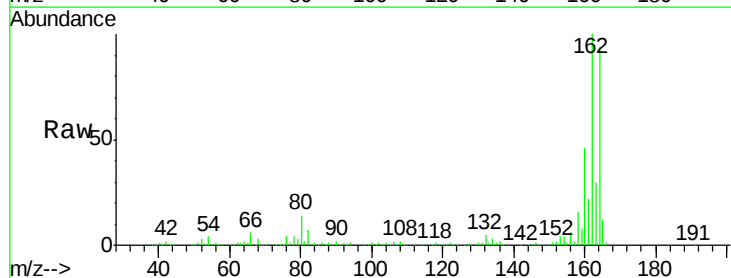


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

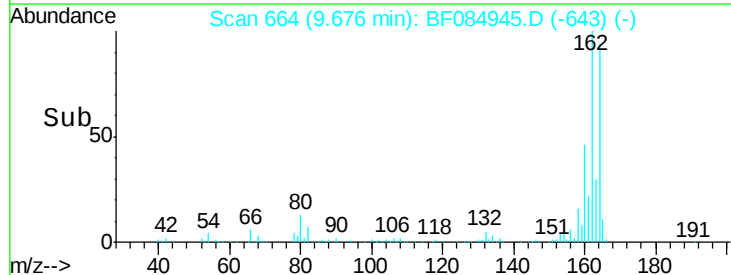
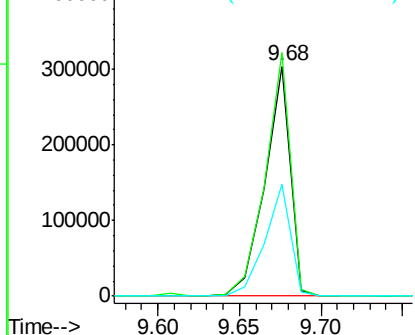


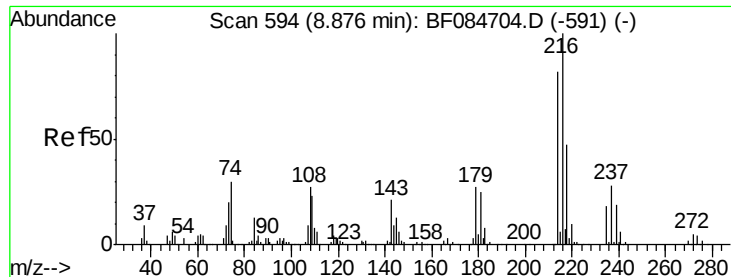
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:164 Resp: 327456
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.1 127.7
 160 48.8 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

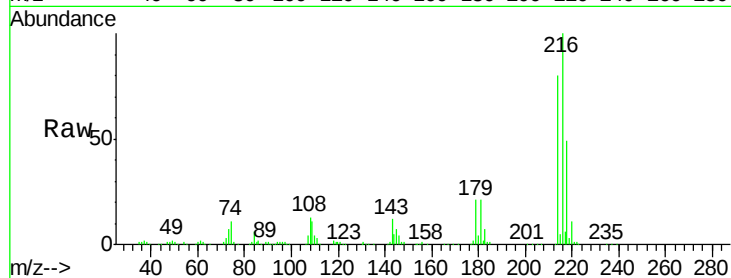




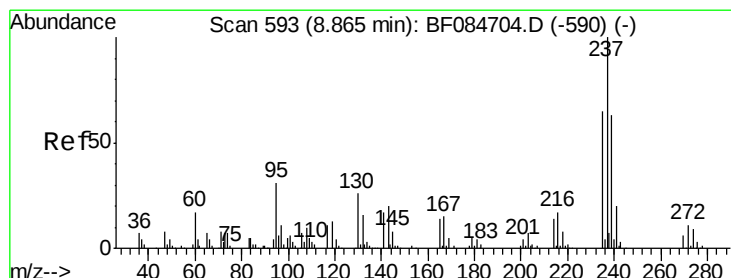
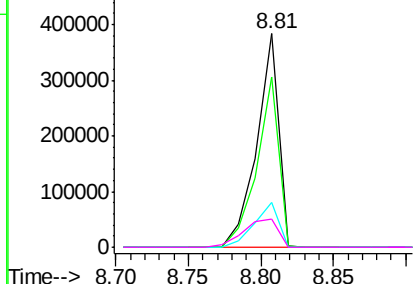
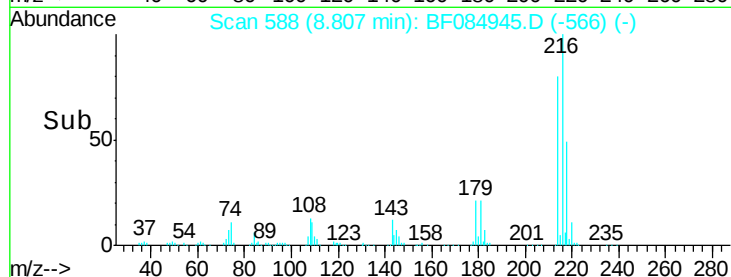
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.88 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion:	216	Resp:	404359
Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.2	96.2
179	23.1	18.7	28.1
108	20.9	16.8	25.2

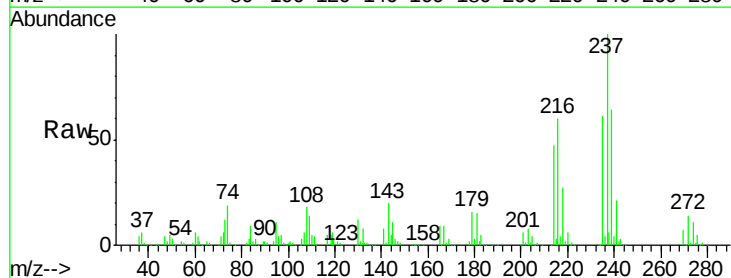


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

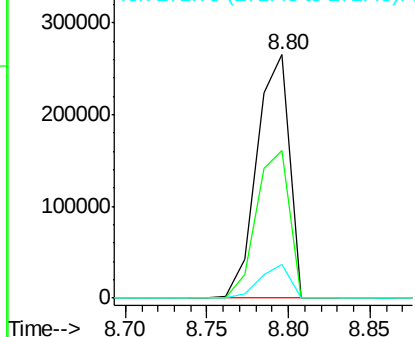
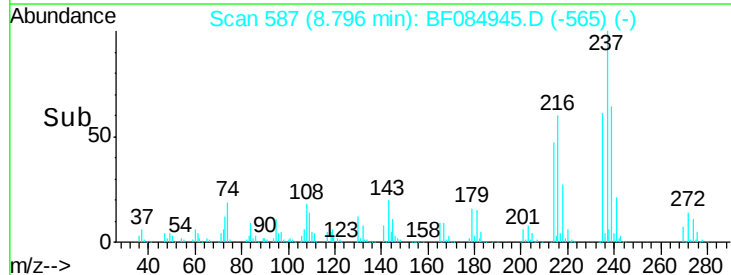


#40
 Hexachlorocyclopentadiene
 Concen: 79.69 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:	237	Resp:	365305
Ion	Ratio	Lower	Upper
237	100		
235	60.8	43.1	83.1
272	14.0	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: 115.38 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

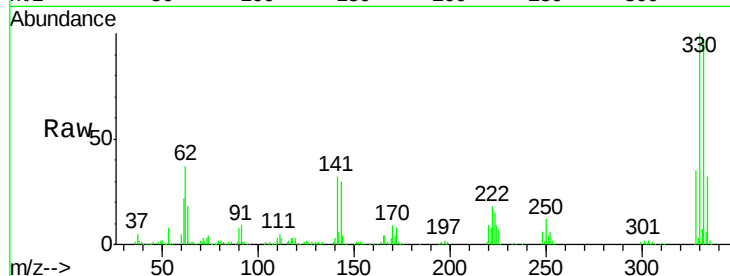
Tgt Ion:330 Resp: 394101

Ion Ratio Lower Upper

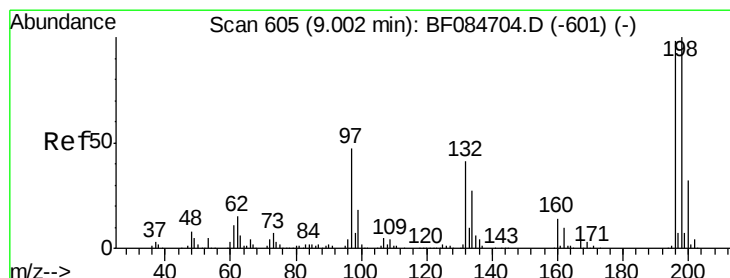
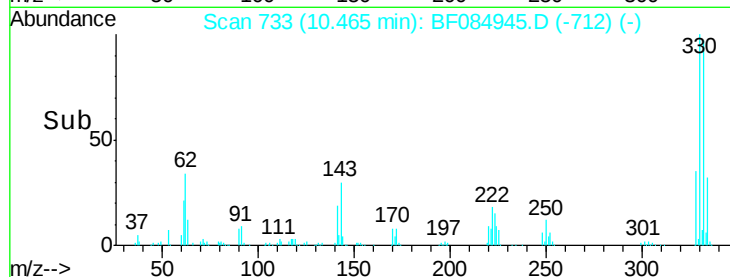
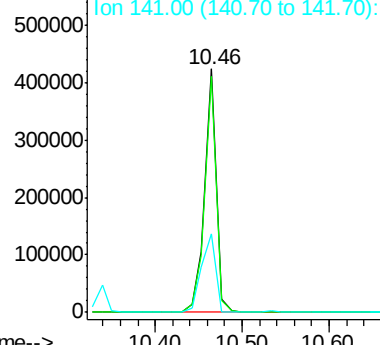
330 100

332 97.2 76.6 114.8

141 39.9 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: 39.74 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

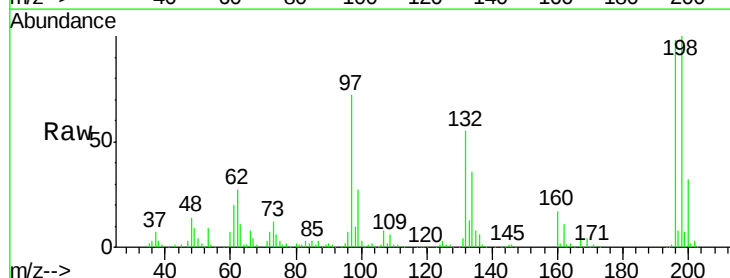
Tgt Ion:196 Resp: 266244

Ion Ratio Lower Upper

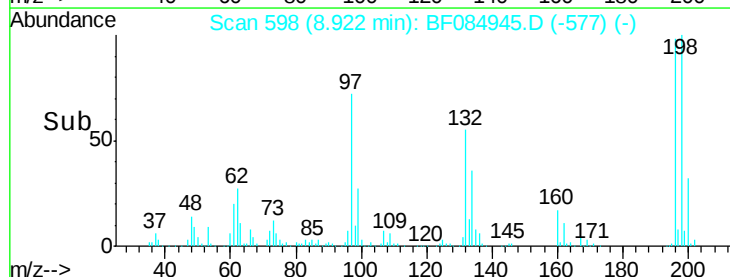
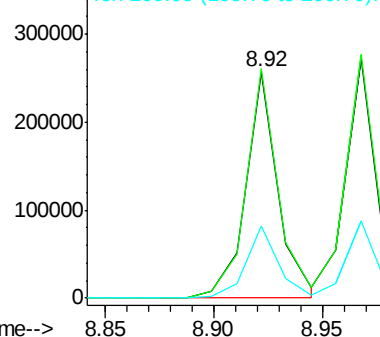
196 100

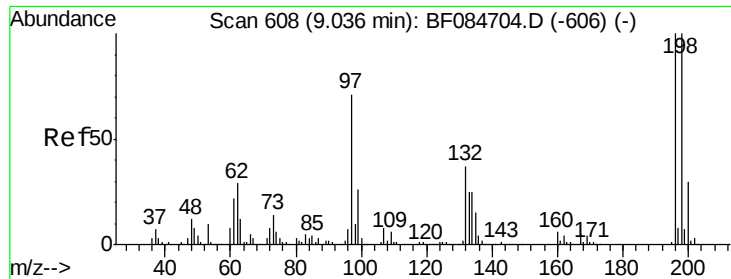
198 101.6 77.7 116.5

200 32.2 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

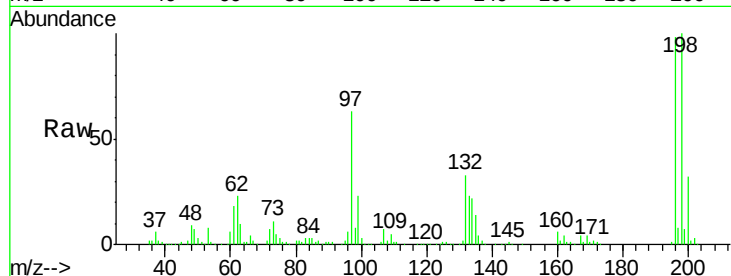




#43
 2,4,5-Trichlorophenol
 Concen: 38.33 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	79.0	118.6
97	63.8	33.0	49.6
132	33.5	21.1	31.7



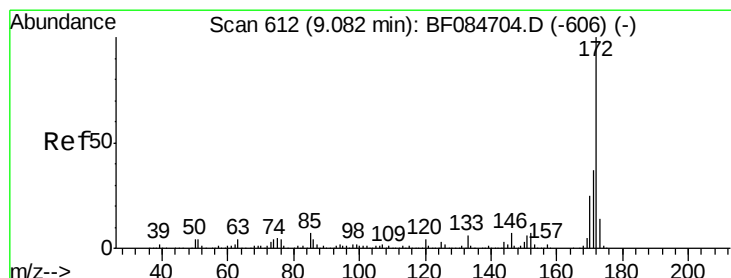
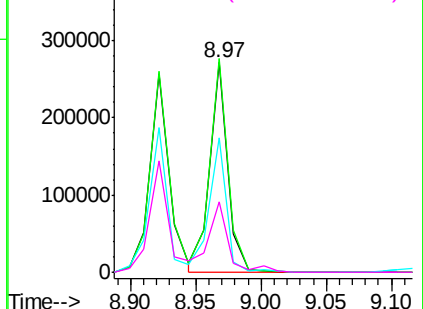
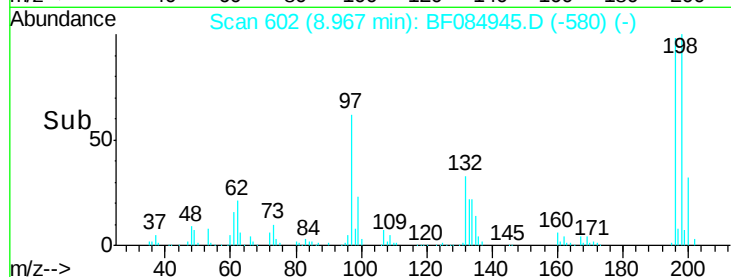
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

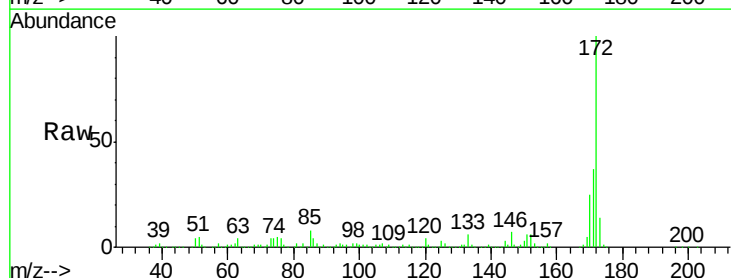
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.9	18.6	27.8

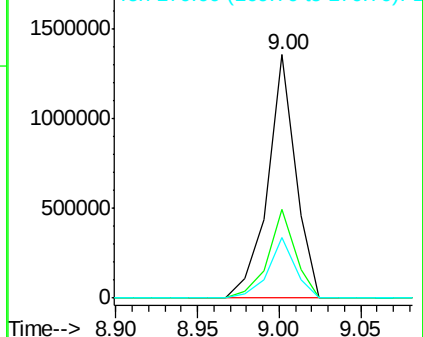
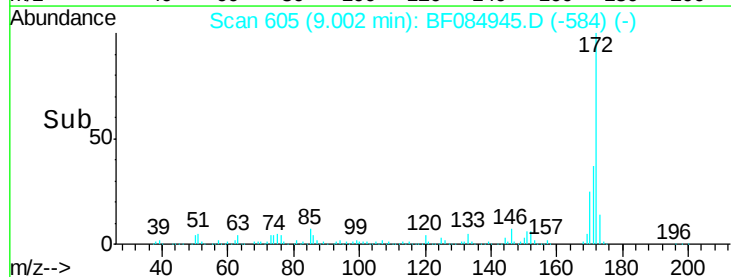


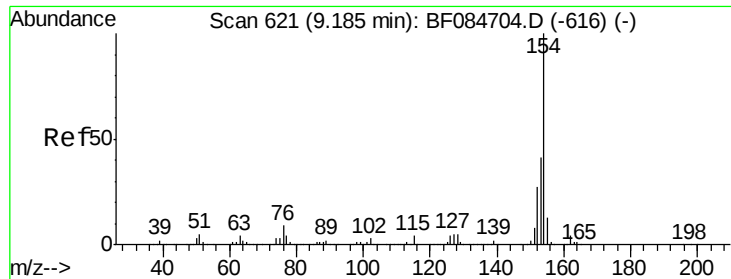
Abundance

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: 40.12 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

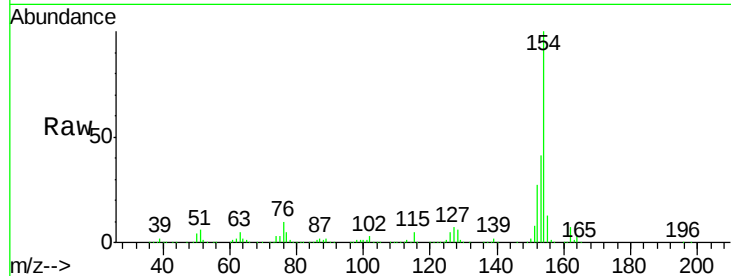
Tgt Ion:154 Resp: 1173386

Ion Ratio Lower Upper

154 100

153 40.8 21.6 61.6

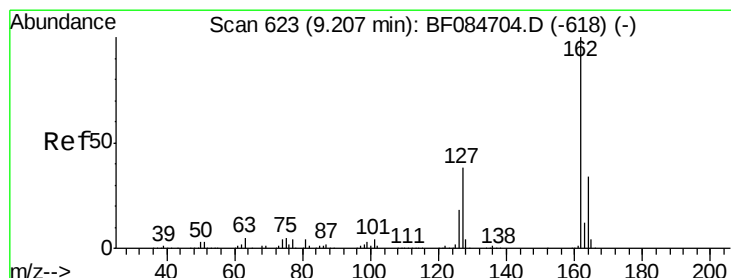
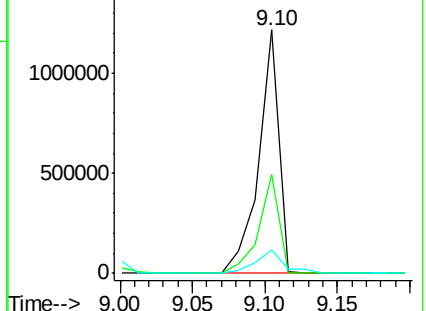
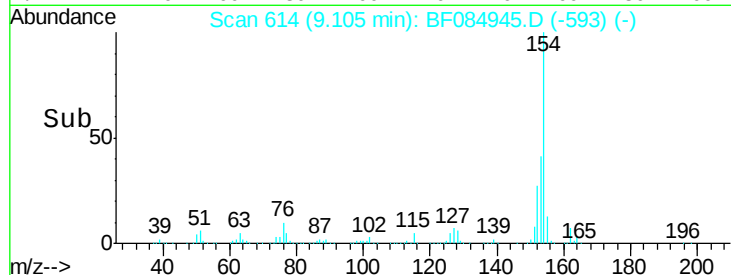
76 9.6 0.0 32.7



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: 39.60 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

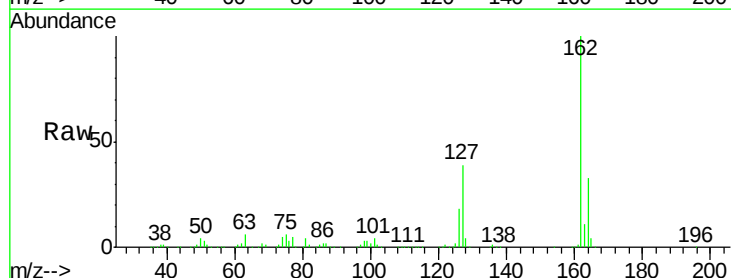
Tgt Ion:162 Resp: 852922

Ion Ratio Lower Upper

162 100

127 38.7 40.2 60.4#

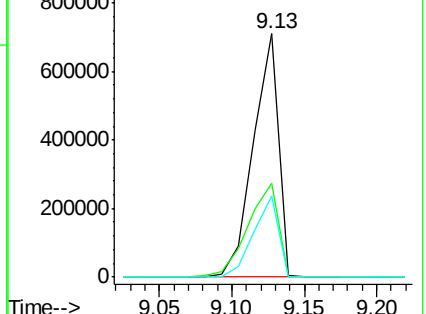
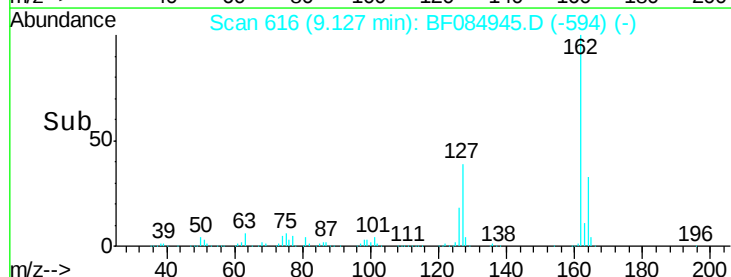
164 33.2 25.7 38.5

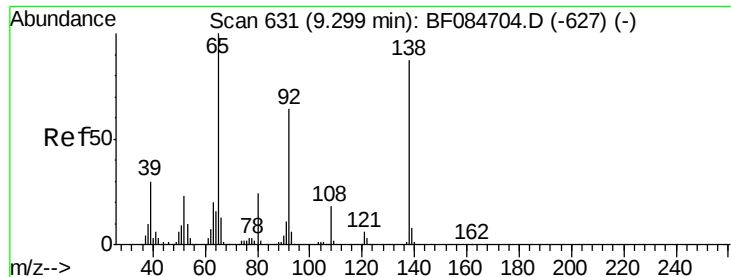


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

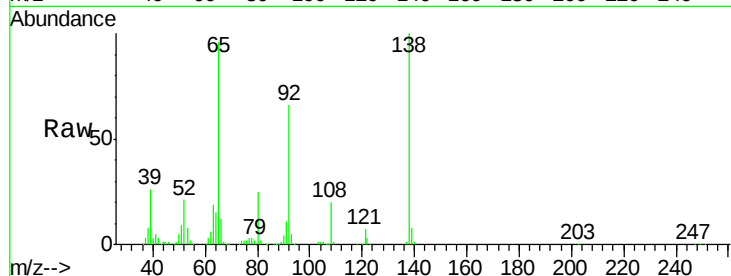




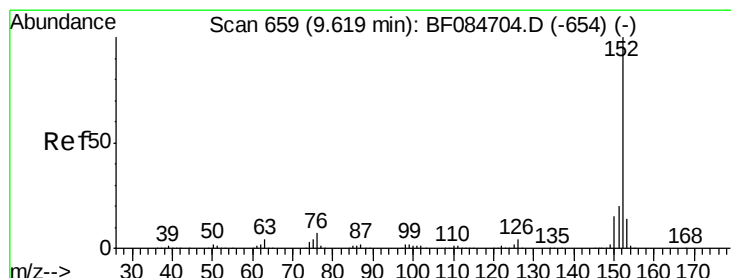
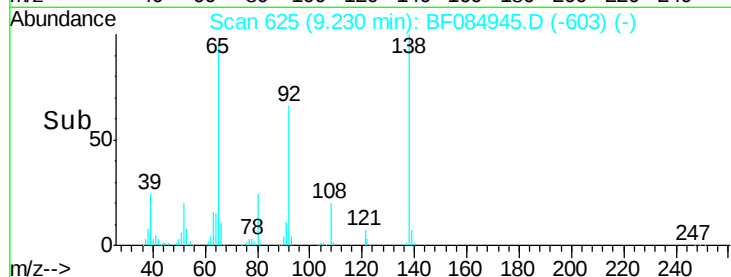
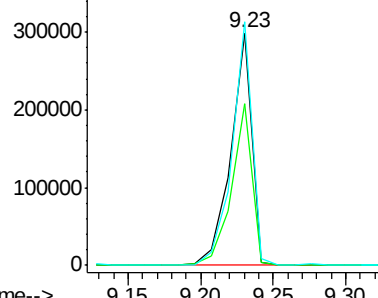
#47
2-Nitroaniline
Concen: 44.17 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tgt Ion: 65 Resp: 301231
Ion Ratio Lower Upper
65 100
92 69.5 53.4 80.2
138 104.7 71.1 106.7

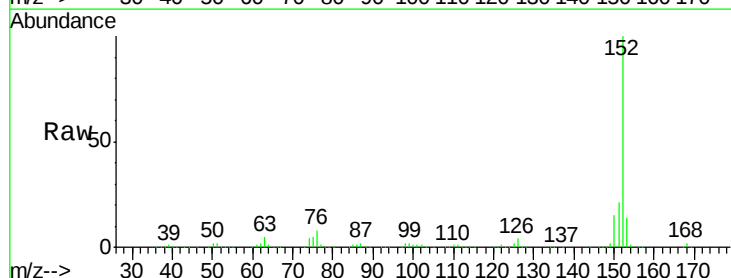


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

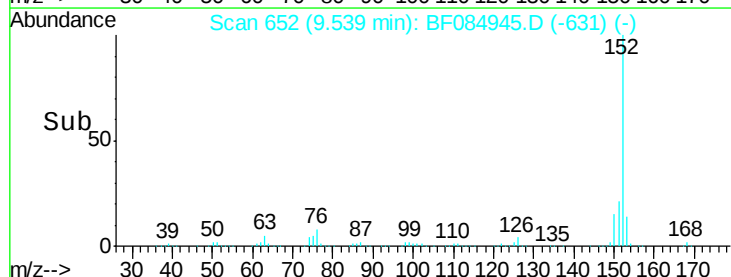
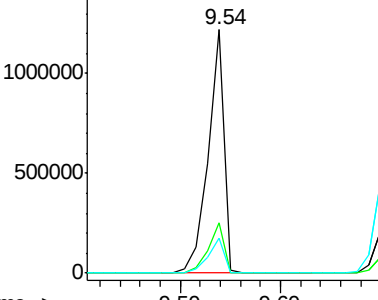


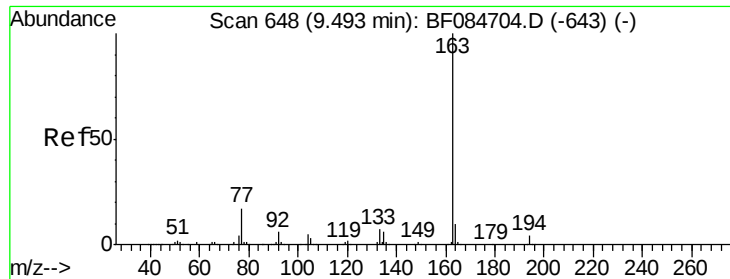
#48
Acenaphthylene
Concen: 40.65 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion: 152 Resp: 1328810
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 10.4 15.6



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





#49

Dimethylphthalate

Concen: 36.53 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

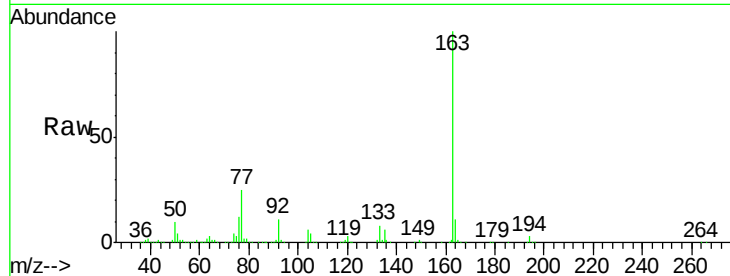
Tgt Ion:163 Resp: 911062

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

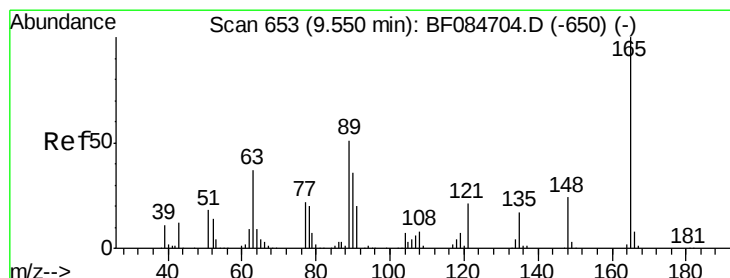
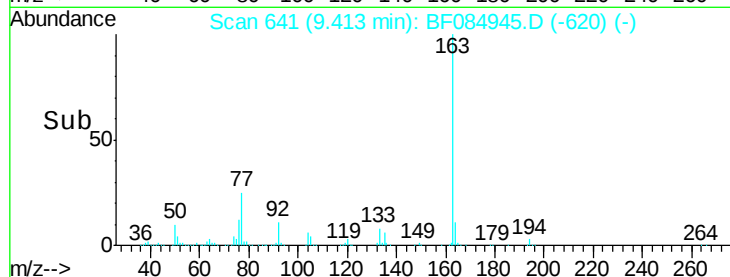
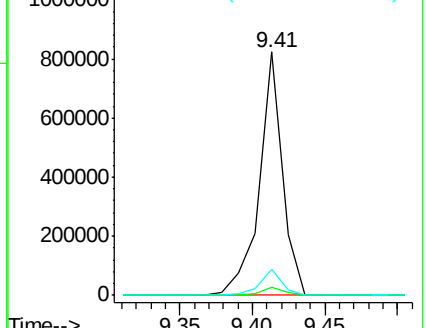
164 10.7 8.0 12.0



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: 35.84 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

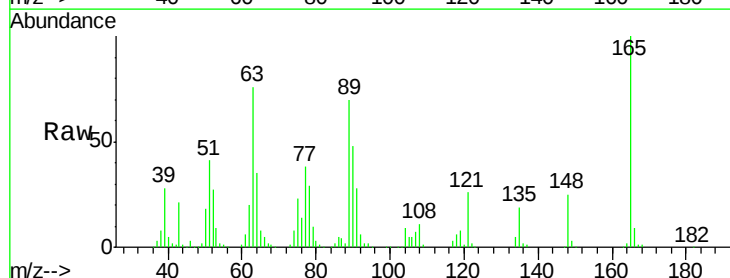
Tgt Ion:165 Resp: 195262

Ion Ratio Lower Upper

165 100

63 76.3 28.8 43.2#

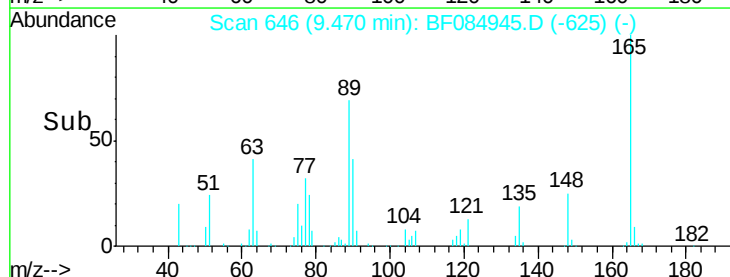
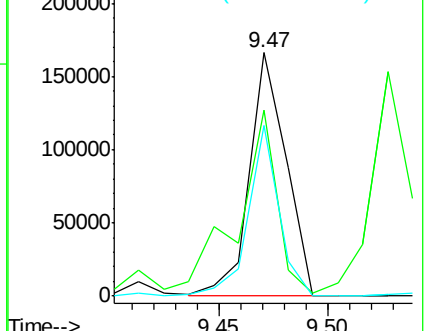
89 69.9 35.1 52.7#

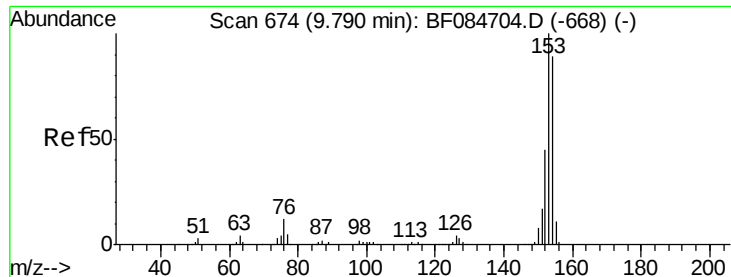


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.78 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampled :

PB88243BS

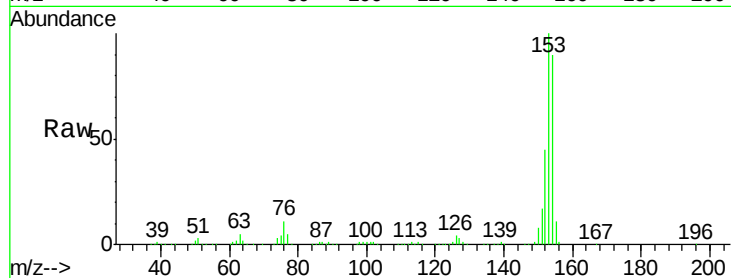
Tgt Ion:154 Resp: 867082

Ion Ratio Lower Upper

154 100

153 111.0 91.5 137.3

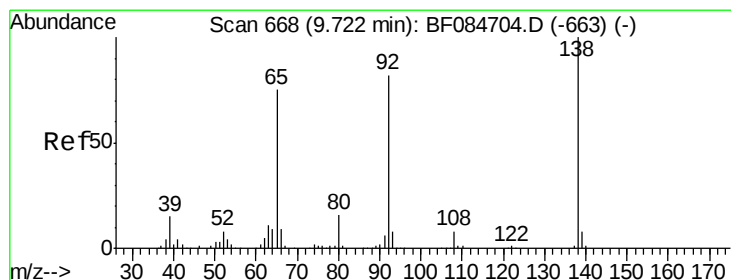
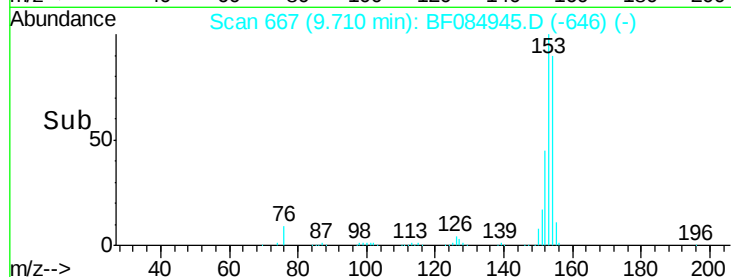
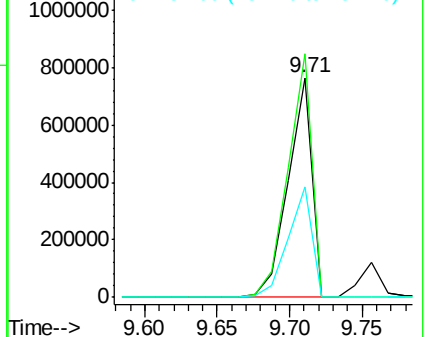
152 50.2 43.0 64.6



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: 19.78 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

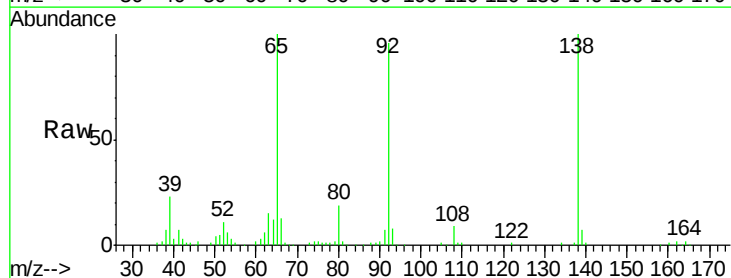
Tgt Ion:138 Resp: 121078

Ion Ratio Lower Upper

138 100

108 9.4 10.5 15.7#

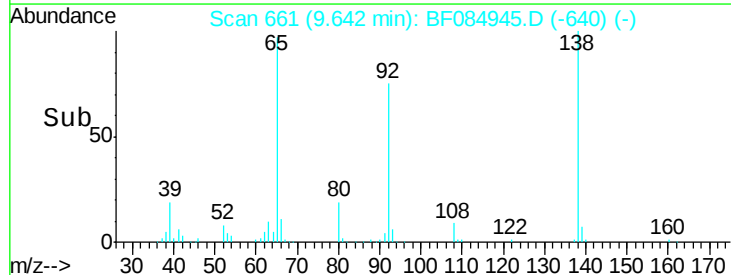
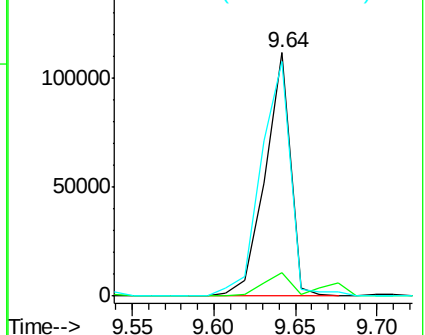
92 96.4 103.9 155.9#



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

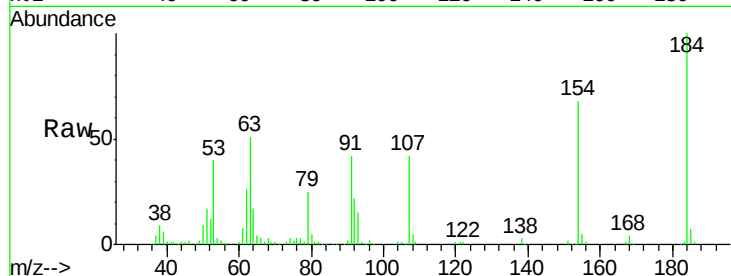




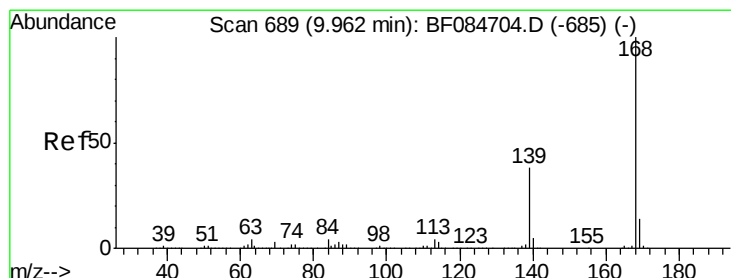
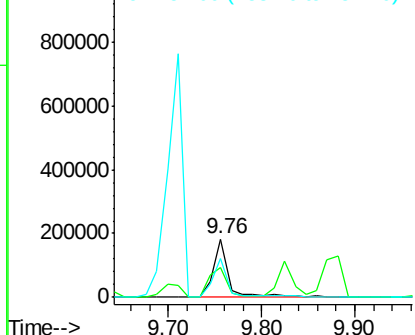
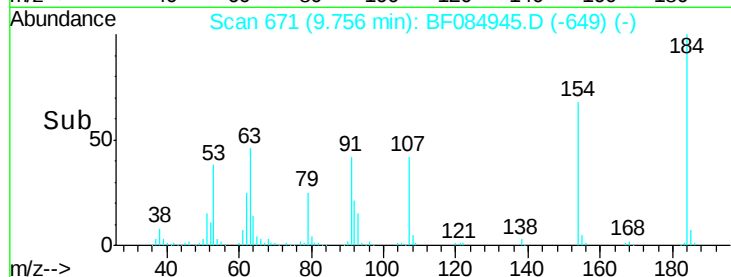
#53
2,4-Dinitrophenol
Concen: 84.63 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tgt Ion:184 Resp: 213720
Ion Ratio Lower Upper
184 100
63 50.7 43.1 64.7
154 67.6 60.5 90.7

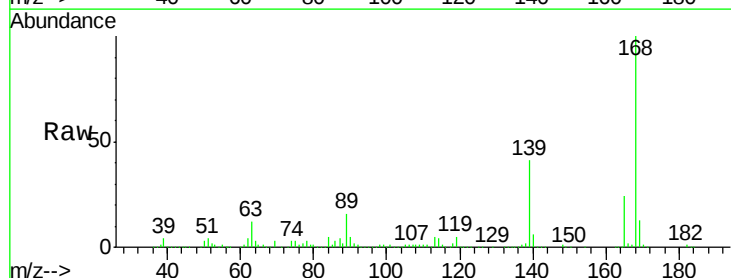


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

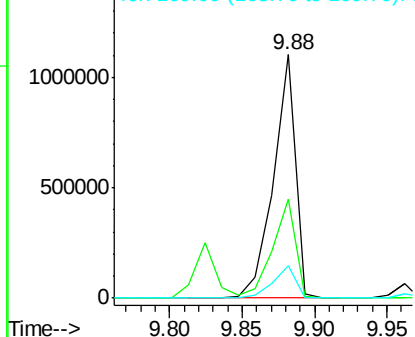
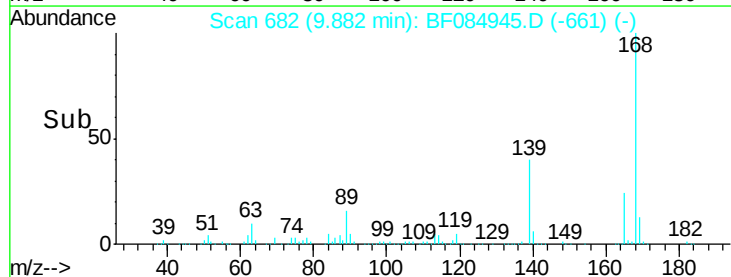


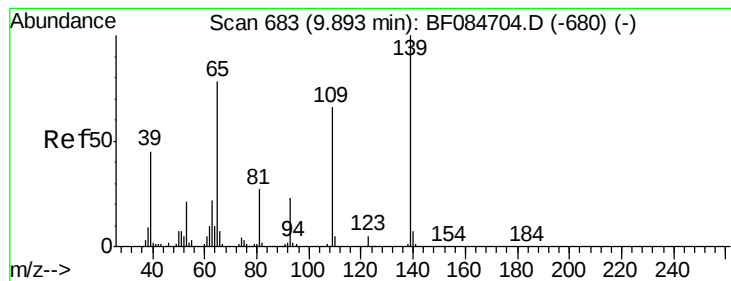
#54
Dibenzofuran
Concen: 44.52 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion:168 Resp: 1157186
Ion Ratio Lower Upper
168 100
139 40.6 30.5 45.7
169 13.5 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: 57.30 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

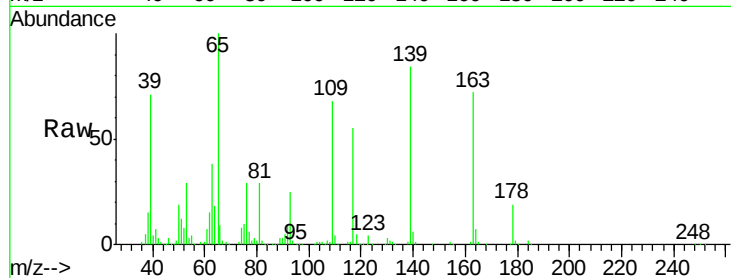
Tgt Ion:139 Resp: 257823

Ion Ratio Lower Upper

139 100

109 80.8 58.5 98.5

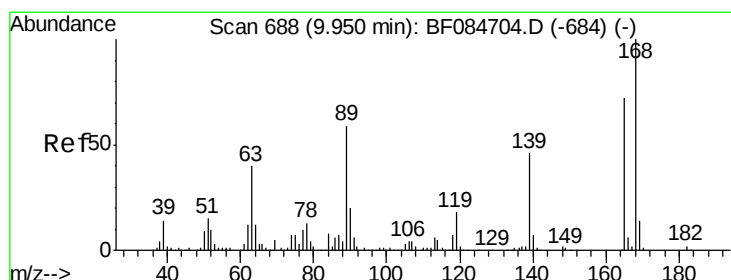
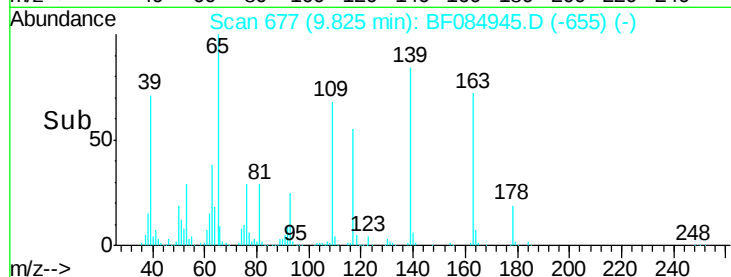
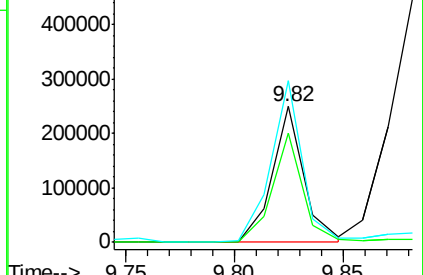
65 119.5 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.35 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:165 Resp: 294307

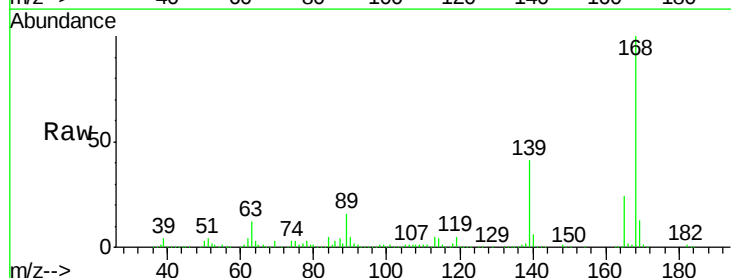
Ion Ratio Lower Upper

165 100

63 48.5 36.7 55.1

89 66.7 61.9 92.9

182 2.3 2.0 3.0

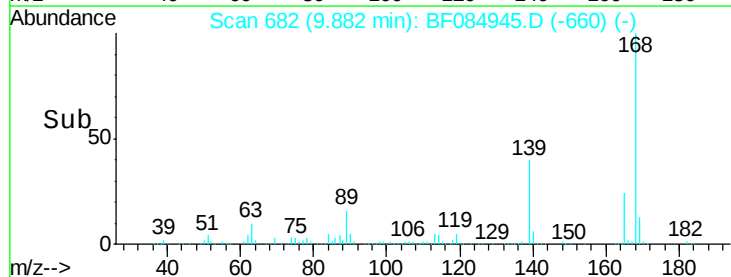
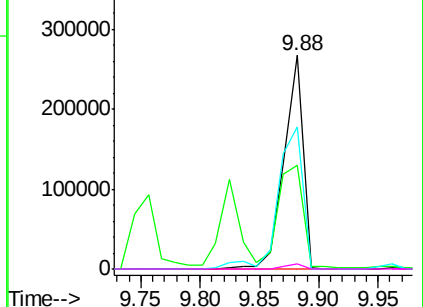


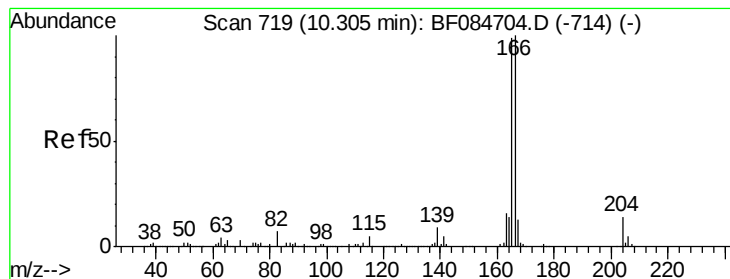
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.09 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

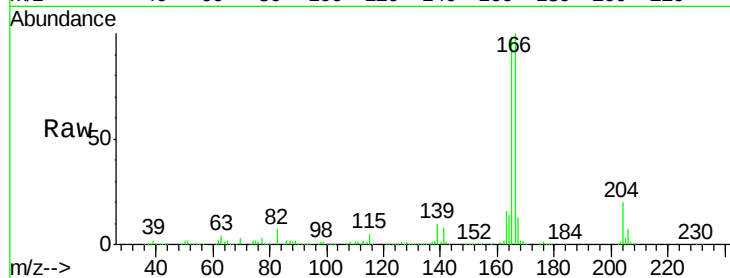
Tgt Ion:166 Resp: 913414

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

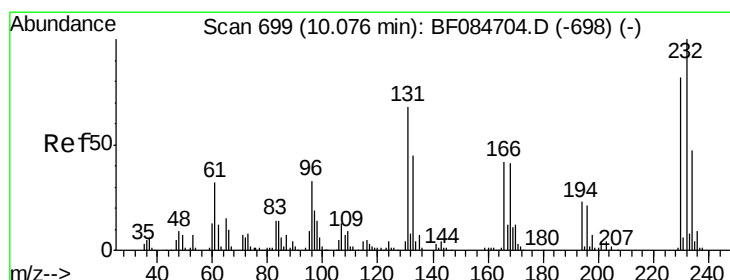
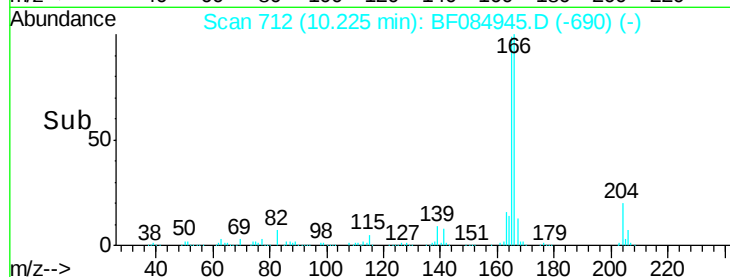
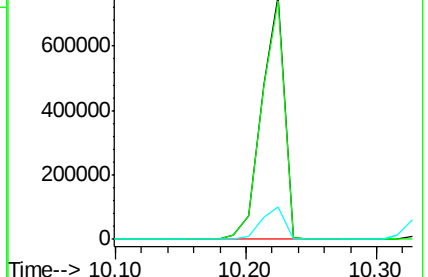
167 13.3 10.4 15.6



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: 43.05 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:232 Resp: 223103

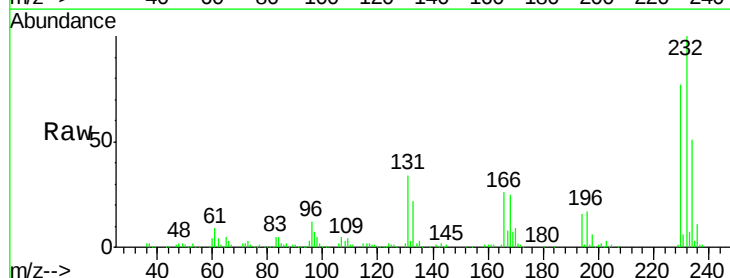
Ion Ratio Lower Upper

232 100

131 46.7 47.0 70.6#

130 2.2 2.0 3.0

166 30.2 30.5 45.7#

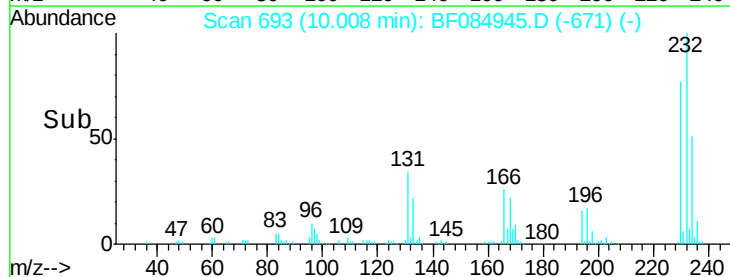
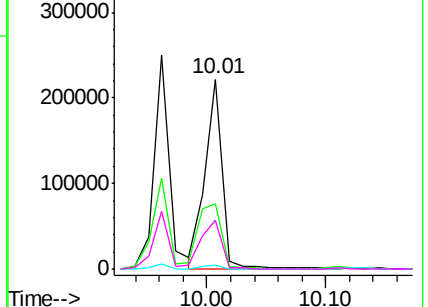


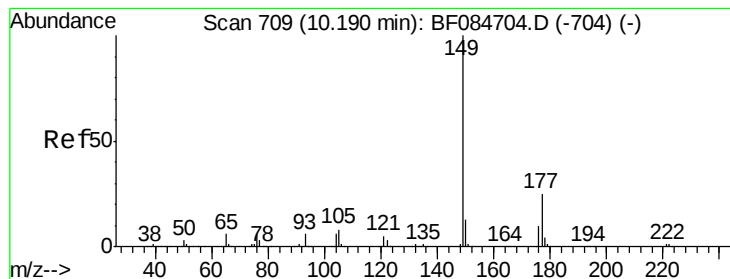
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.02 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

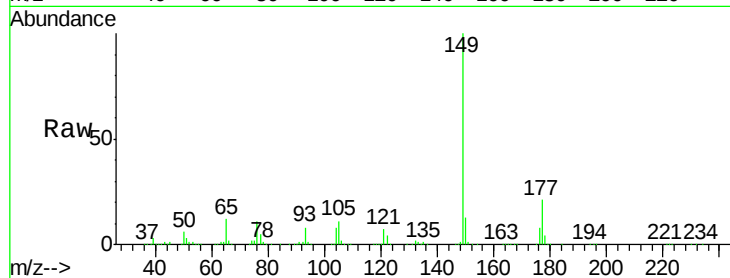
Tgt Ion:149 Resp: 901566

Ion Ratio Lower Upper

149 100

177 21.2 17.3 25.9

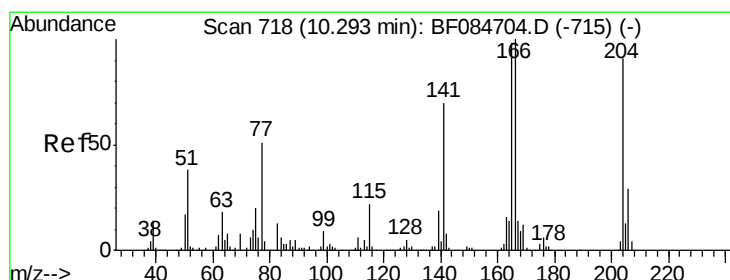
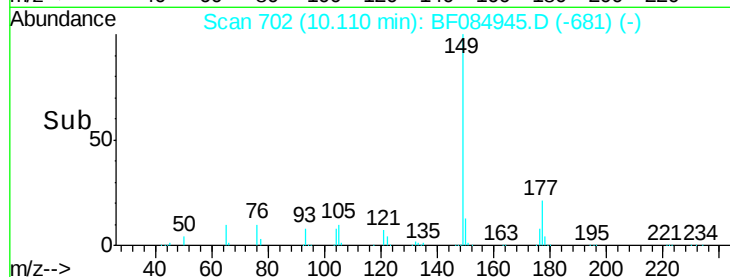
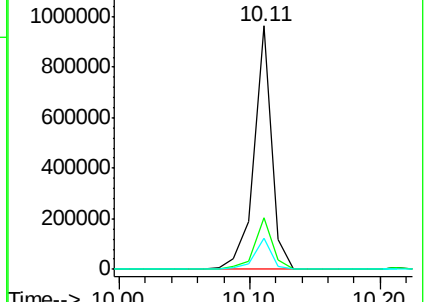
150 12.5 9.8 14.8



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: 40.22 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

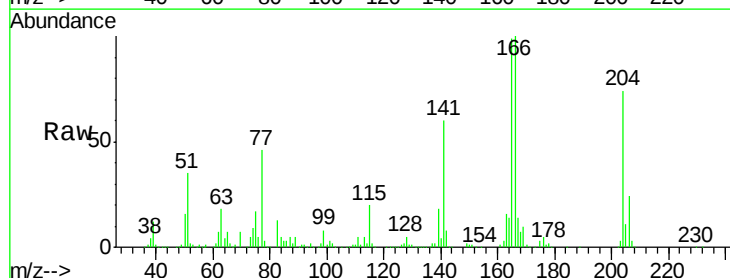
Tgt Ion:204 Resp: 373768

Ion Ratio Lower Upper

204 100

206 32.0 25.7 38.5

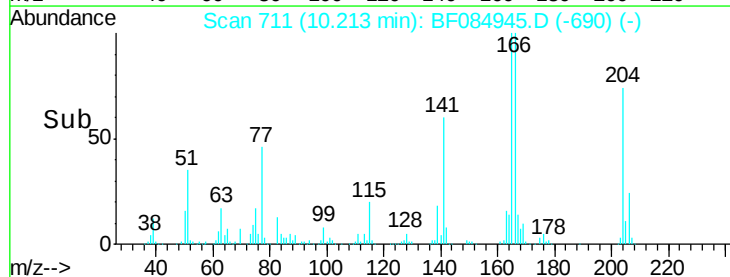
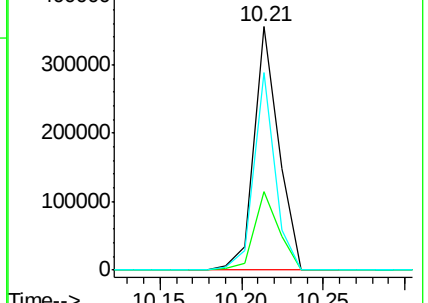
141 81.4 55.1 82.7

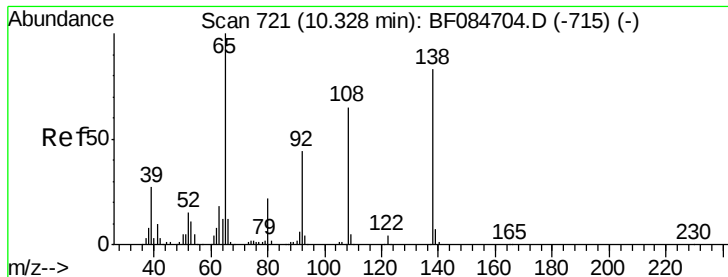


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.31 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

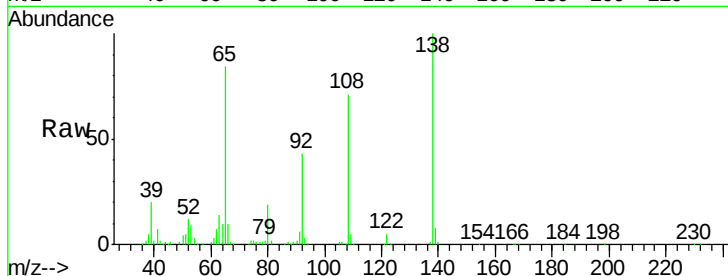
Tgt Ion:138 Resp: 234489

Ion Ratio Lower Upper

138 100

92 43.5 32.6 72.6

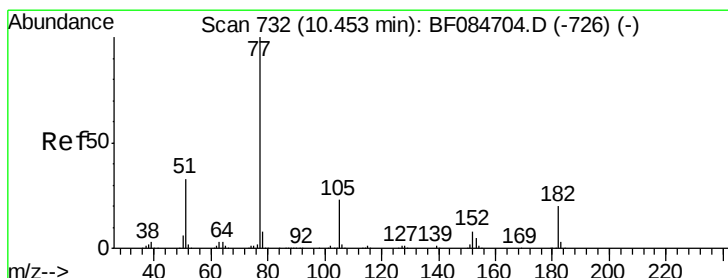
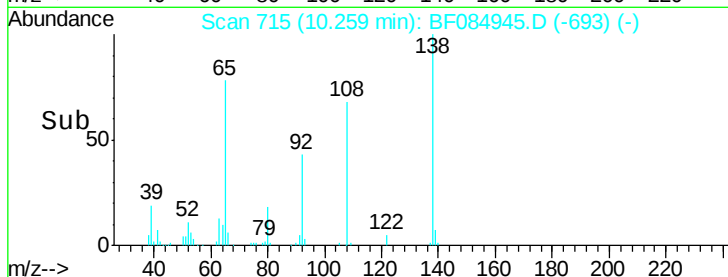
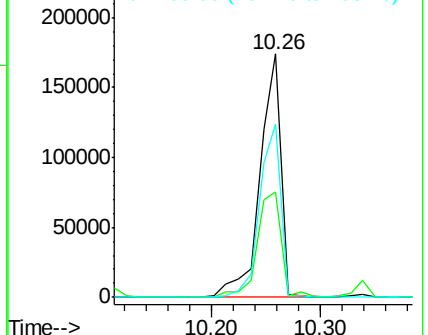
108 71.0 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.68 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion: 77 Resp: 975926

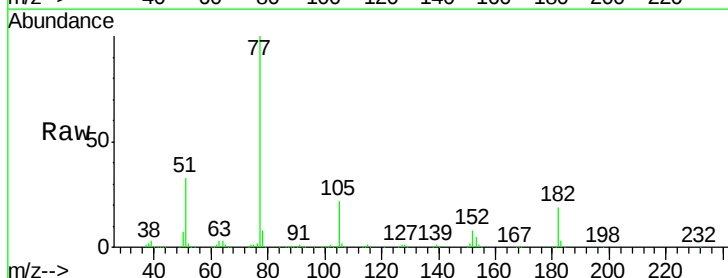
Ion Ratio Lower Upper

77 100

182 19.5 8.3 48.3

105 22.5 4.6 44.6

51 32.9 6.2 46.2

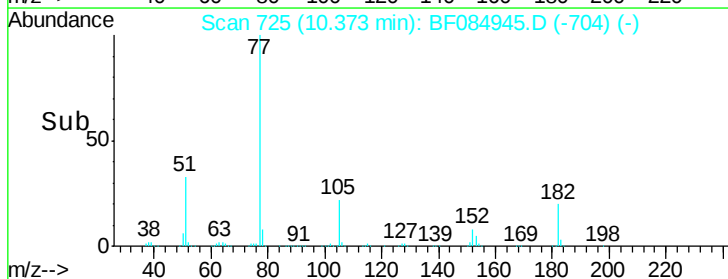
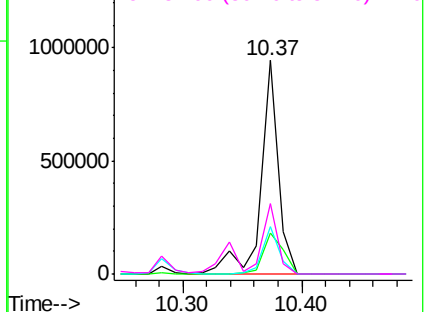


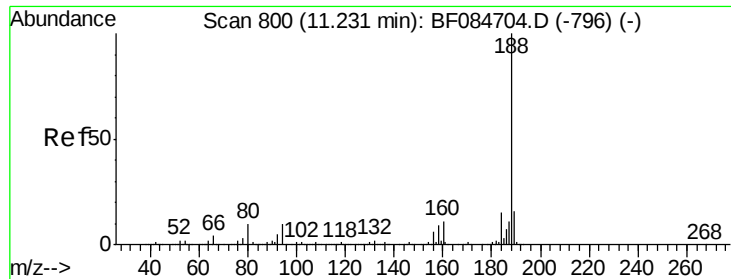
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

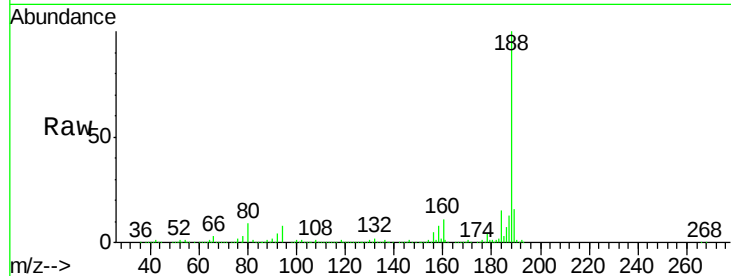
Tgt Ion:188 Resp: 584559

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

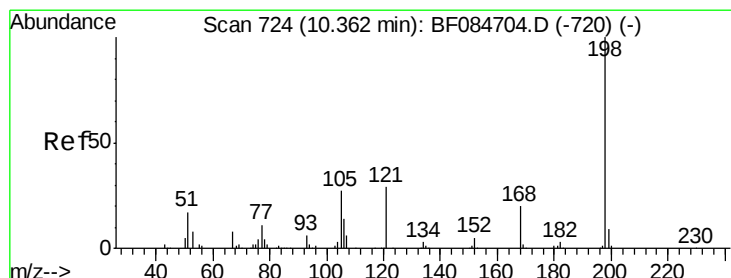
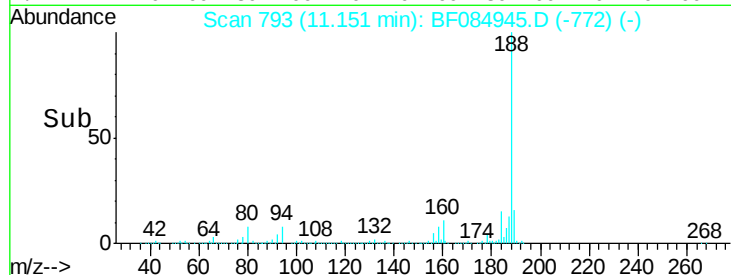
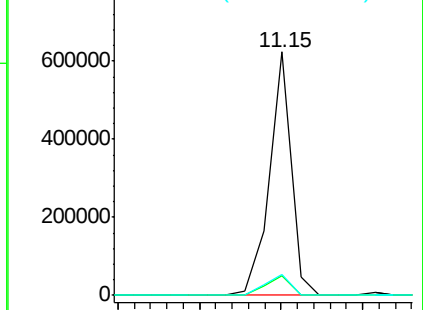
80 8.5 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.29 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

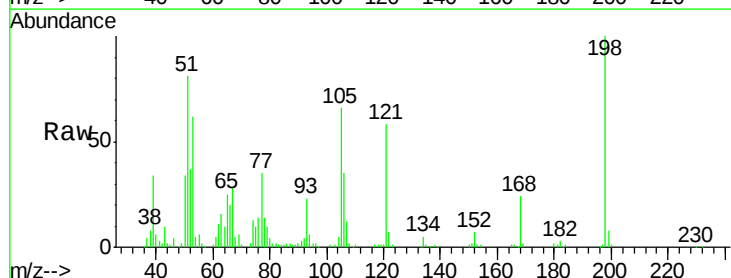
Tgt Ion:198 Resp: 134545

Ion Ratio Lower Upper

198 100

51 81.2 18.9 58.9#

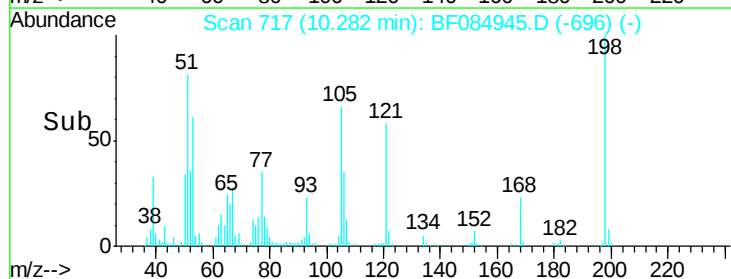
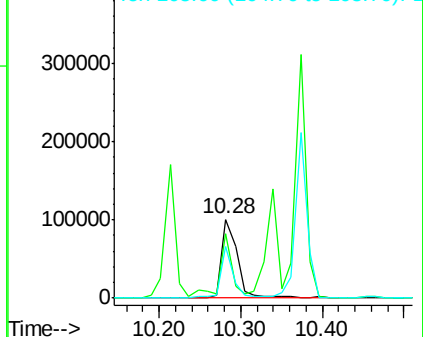
105 66.3 26.4 66.4

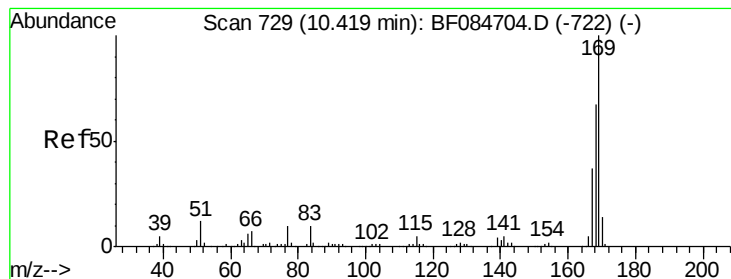


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.14 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

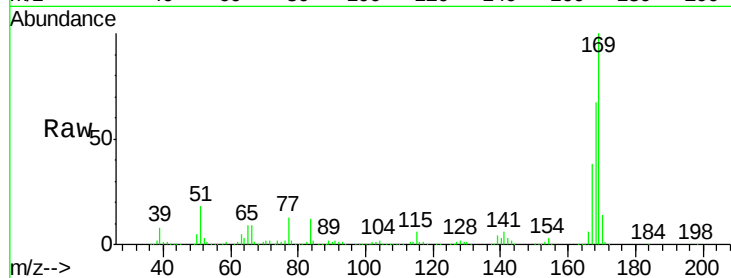
Tgt Ion:169 Resp: 745038

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

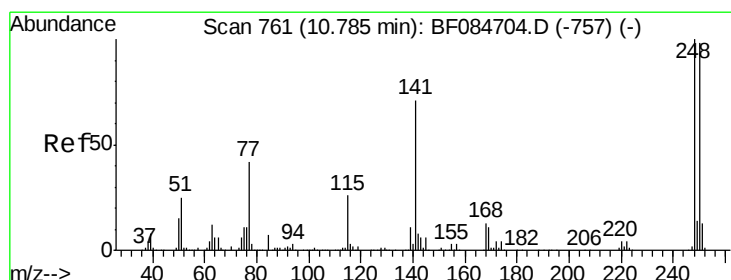
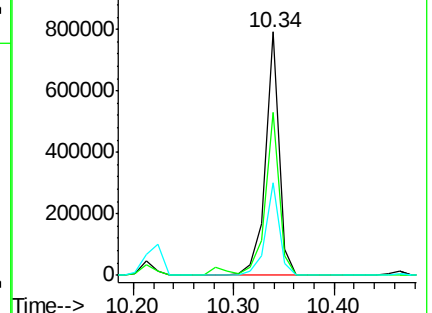
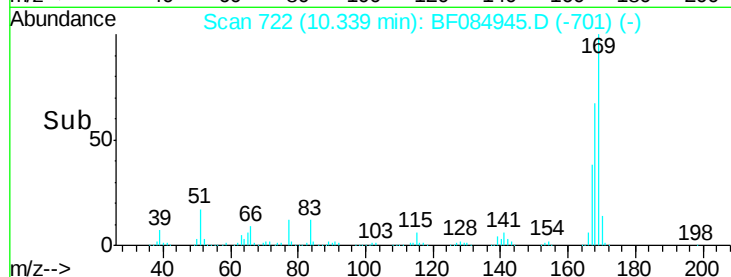
167 37.8 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.44 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

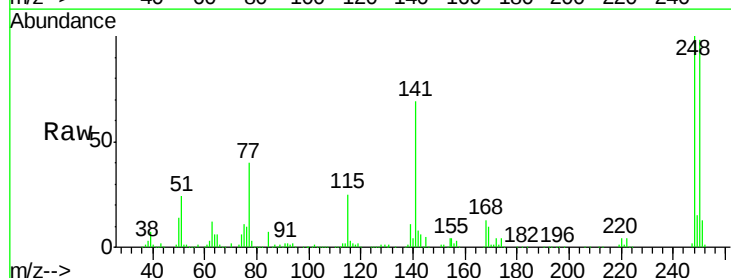
Tgt Ion:248 Resp: 280479

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

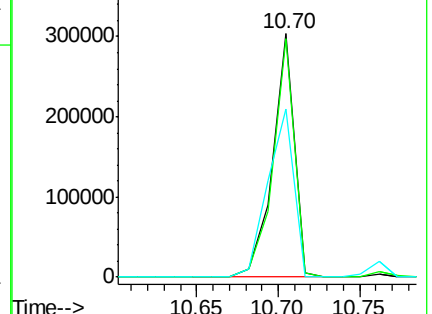
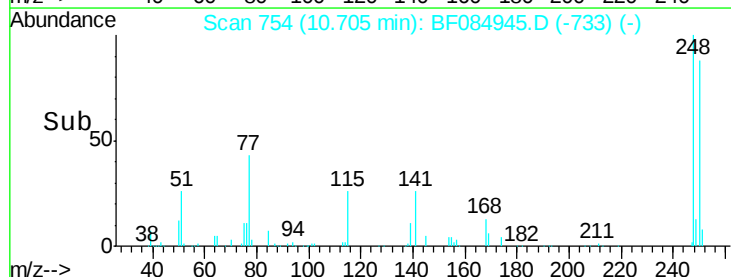
141 69.0 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

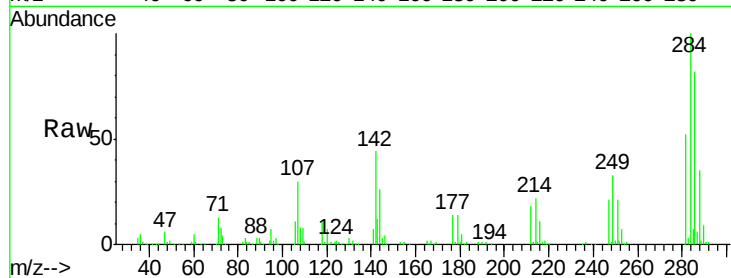




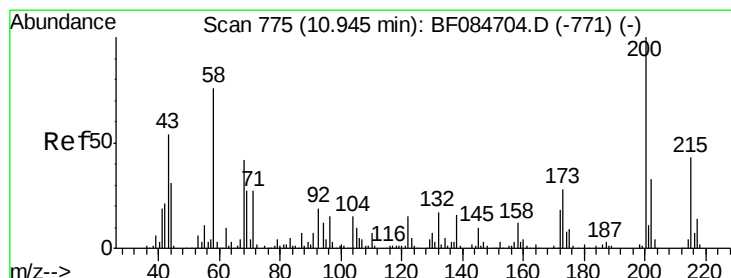
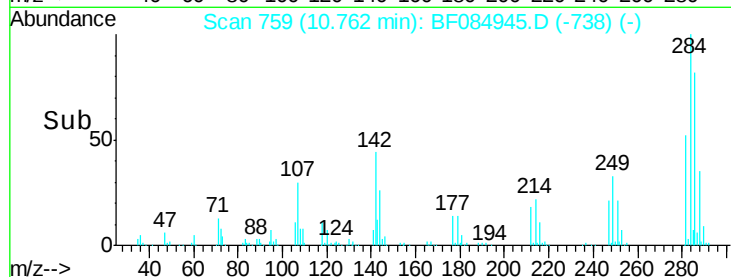
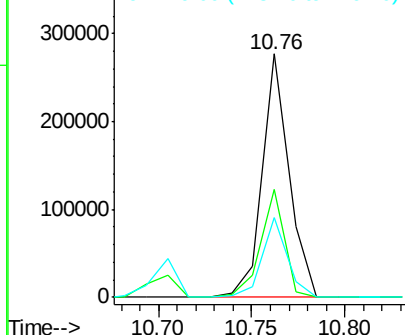
#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tgt Ion: 284 Resp: 272928
Ion Ratio Lower Upper
284 100
142 44.3 22.2 33.4#
249 32.9 24.6 37.0

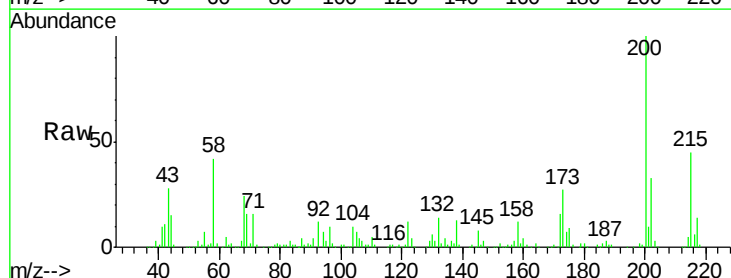


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

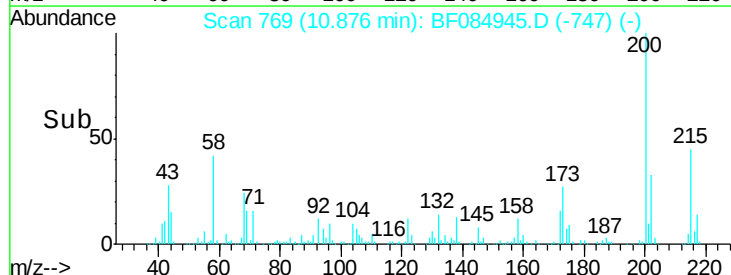
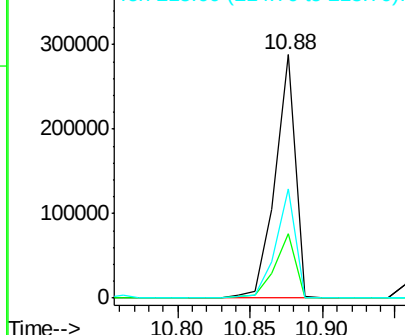


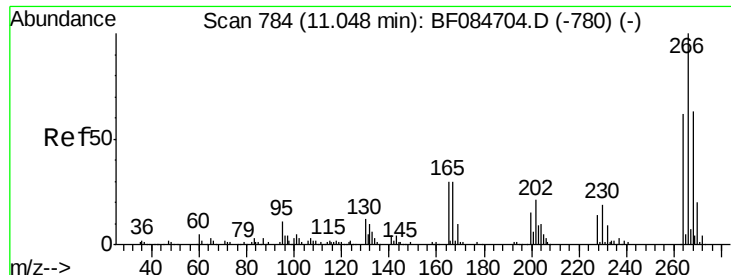
#68
Atrazine
Concen: 47.84 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion: 200 Resp: 280397
Ion Ratio Lower Upper
200 100
173 26.6 9.5 49.5
215 44.9 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

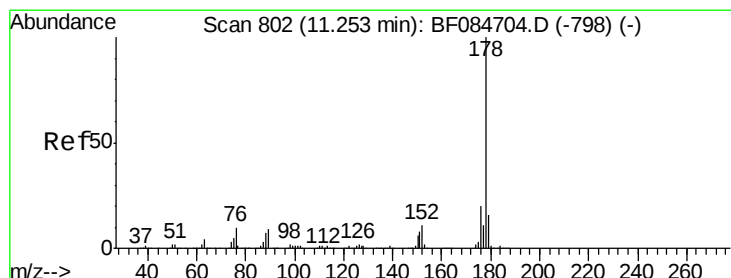
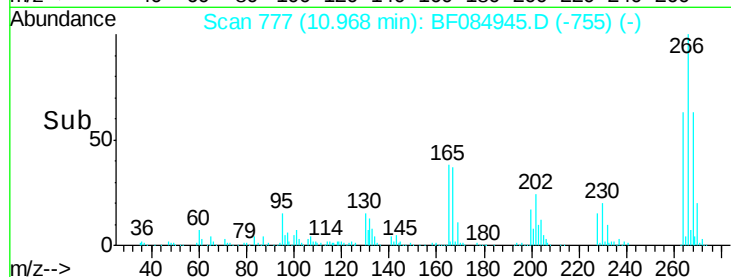
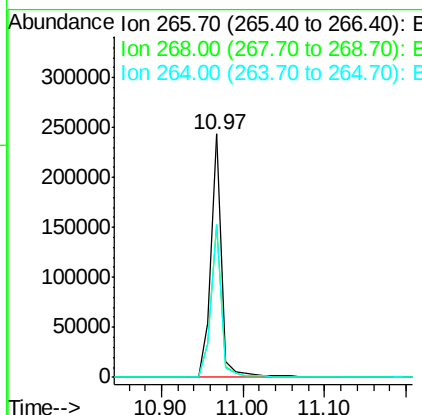
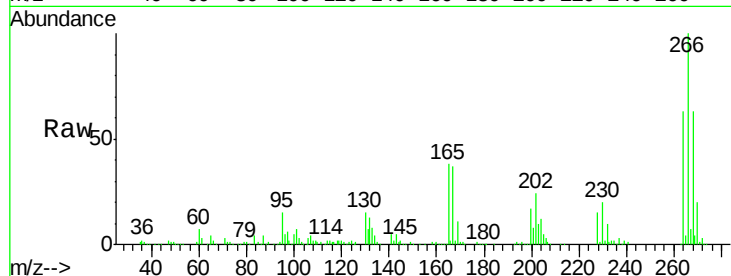




#69
 Pentachlorophenol
 Concen: 69.49 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

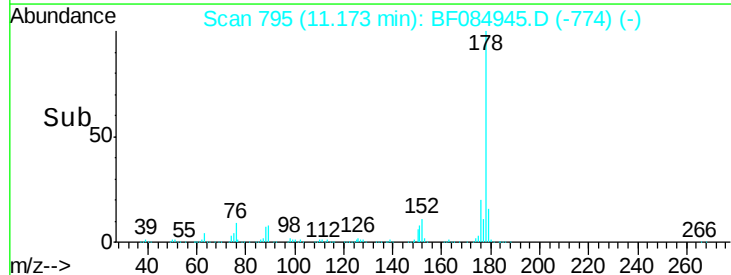
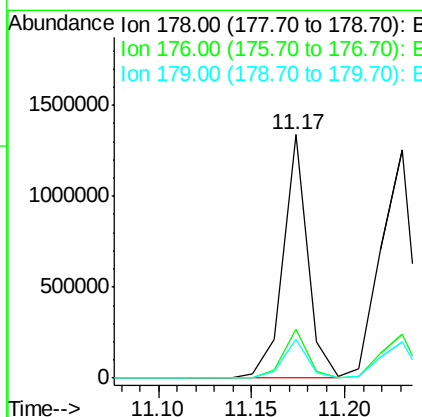
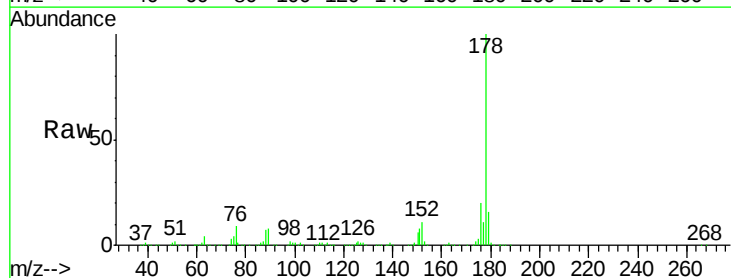
Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion:266 Resp: 229767
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.4 78.6
 264 62.6 50.2 75.2



#70
 Phenanthrene
 Concen: 37.83 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:178 Resp: 1226533
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.2 12.0 18.0

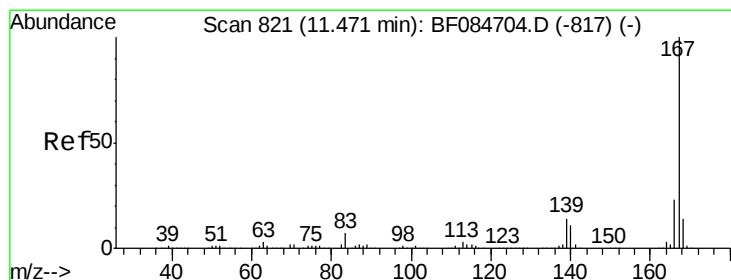
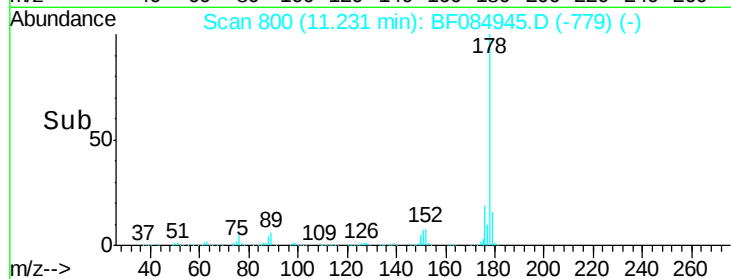
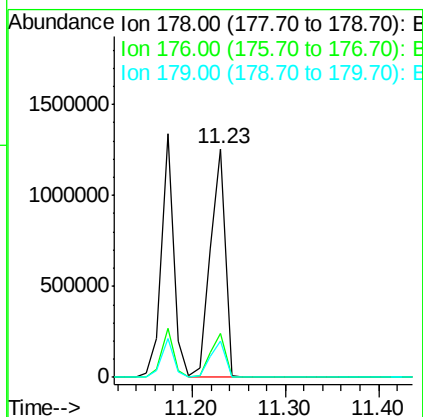
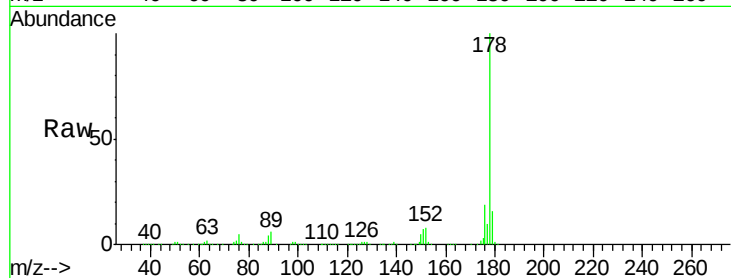




#71
 Anthracene
 Concen: 42.71 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

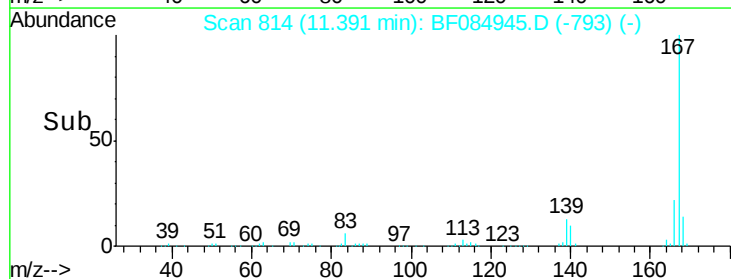
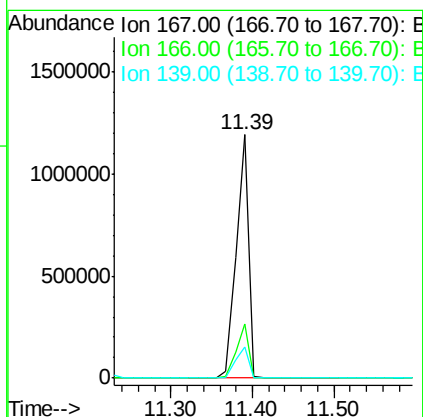
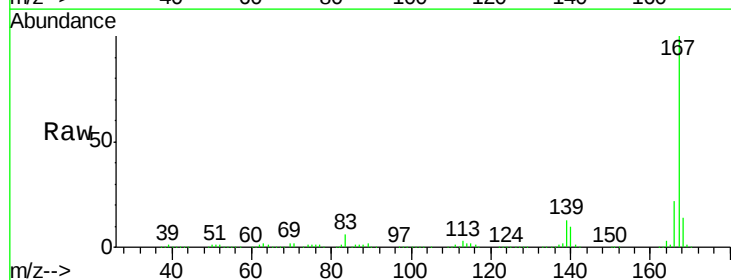
Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

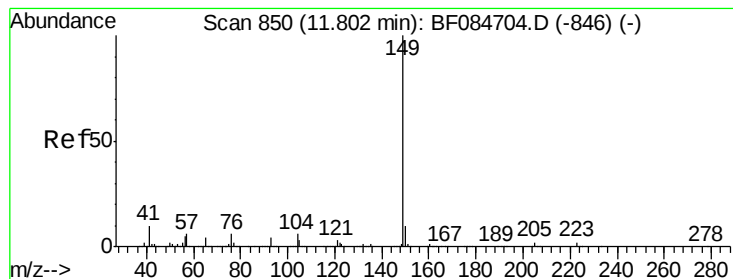
Tgt Ion:178 Resp: 1395200
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 44.23 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:167 Resp: 1260124
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.93 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

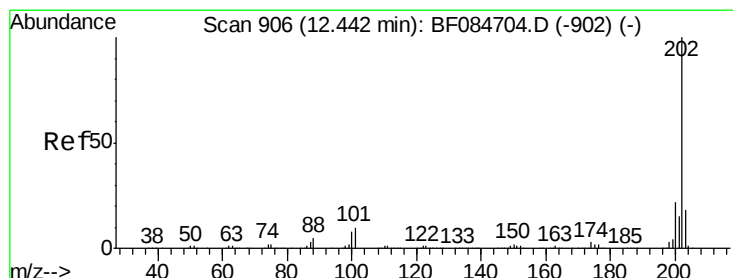
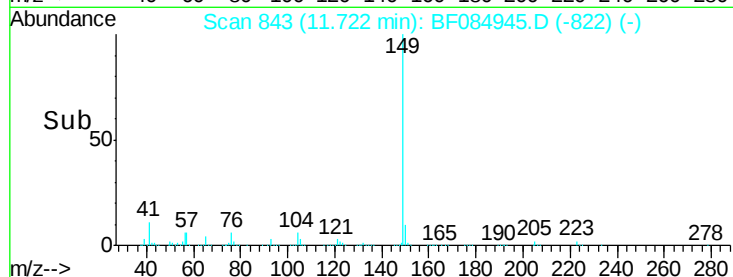
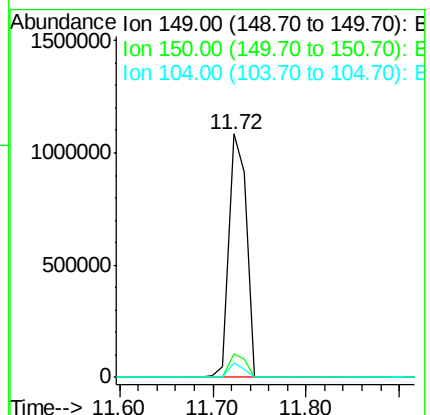
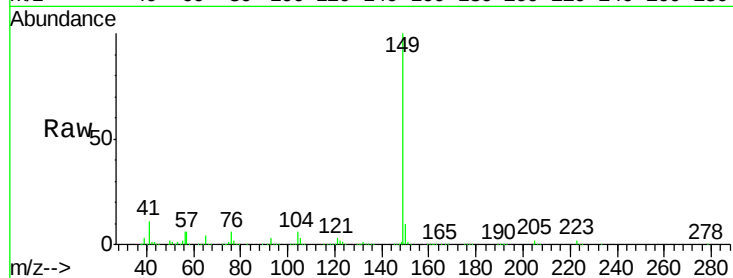
Tgt Ion:149 Resp: 1411865

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

104 5.9 3.2 4.8#



#74

Fluoranthene

Concen: 39.34 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.07 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

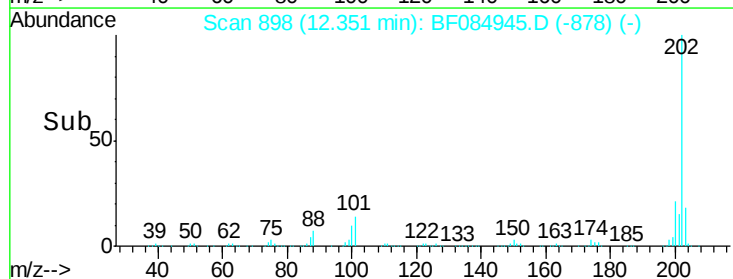
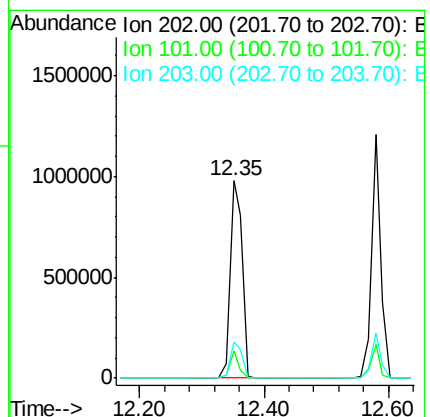
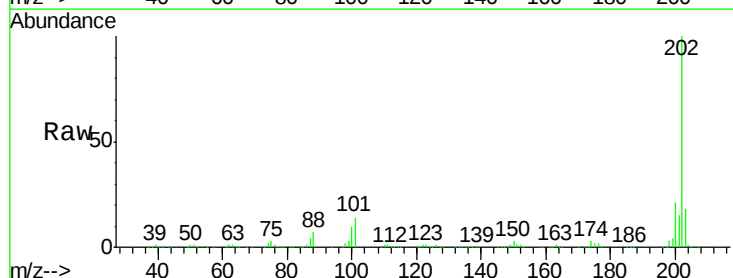
Tgt Ion:202 Resp: 1291046

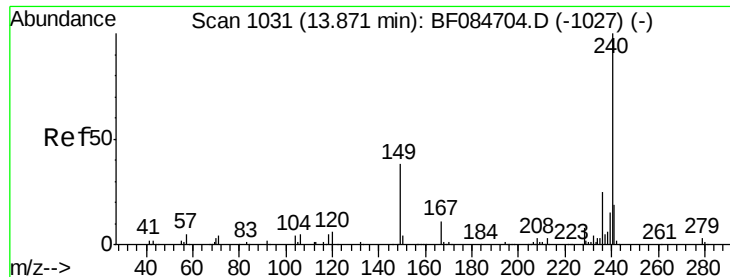
Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

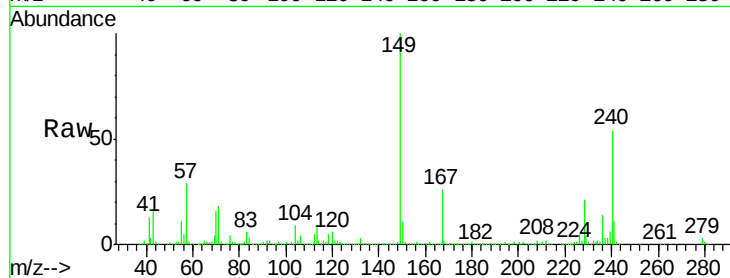
Tgt Ion:240 Resp: 417626

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

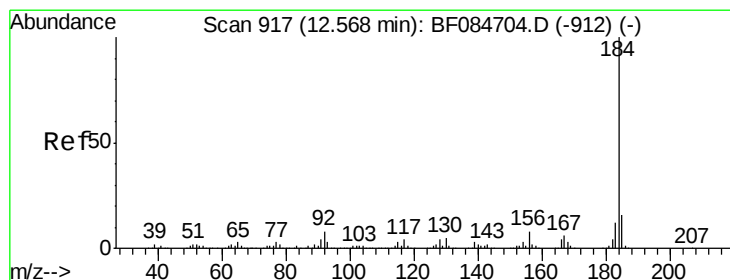
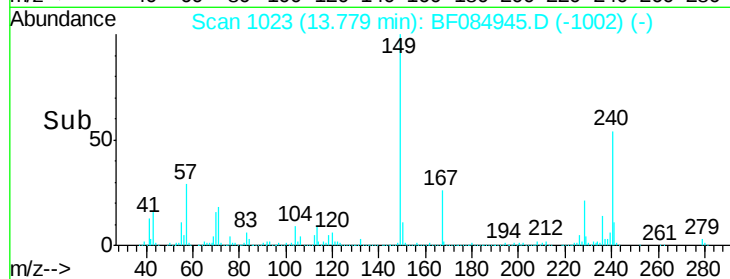
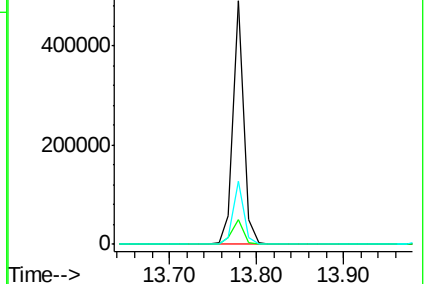
236 25.8 20.6 31.0



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: 26.72 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

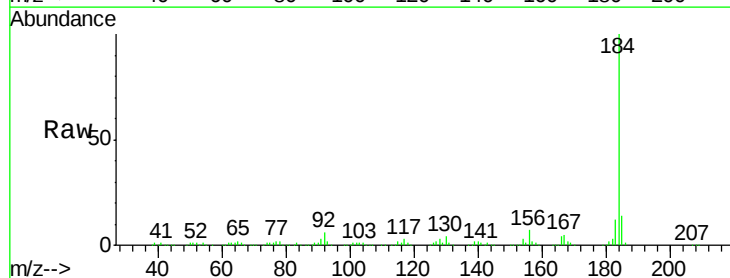
Tgt Ion:184 Resp: 388366

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

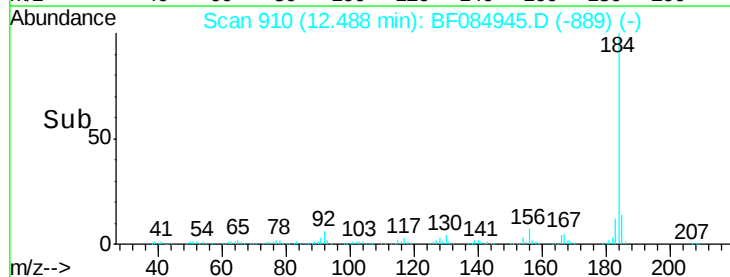
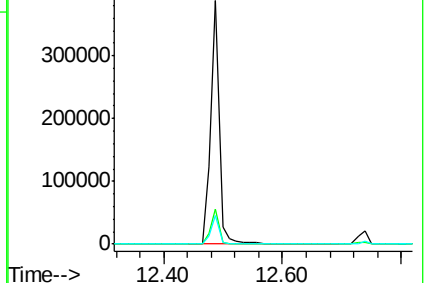
183 11.5 9.8 14.8

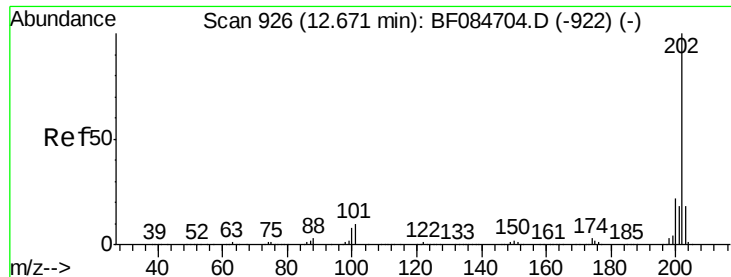


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

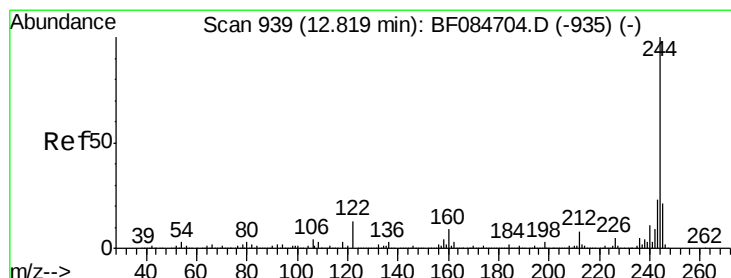
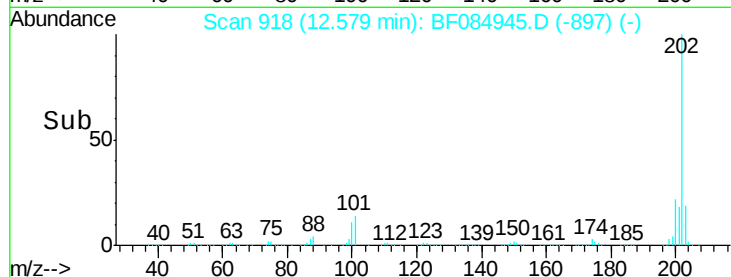
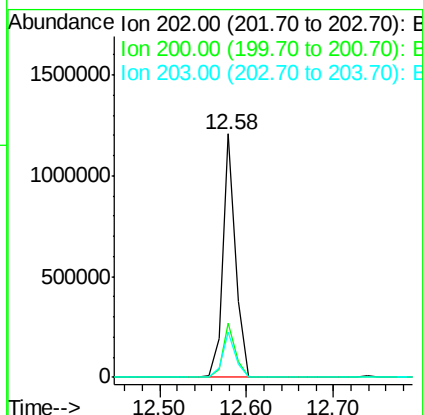
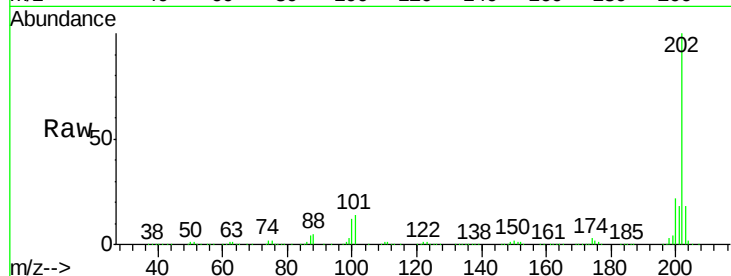




#77
 Pyrene
 Concen: 38.48 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

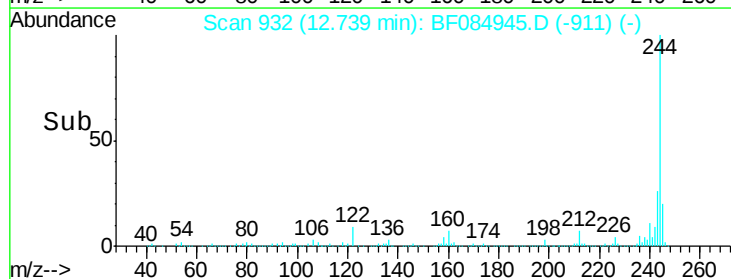
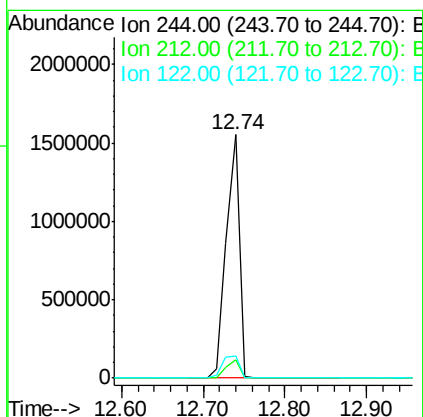
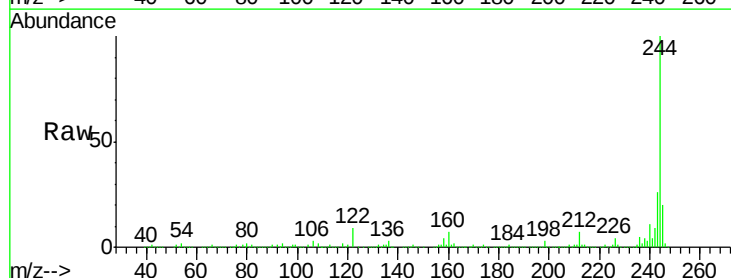
Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion: 202 Resp: 1230416
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.2 25.8
 203 18.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 92.98 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion: 244 Resp: 1713689
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.0 7.4 11.0

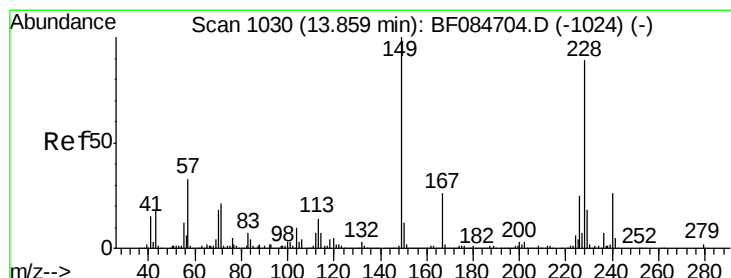
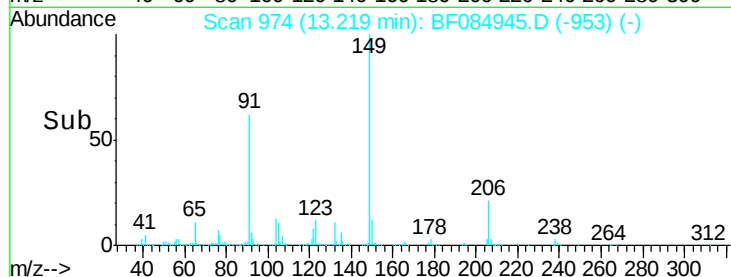
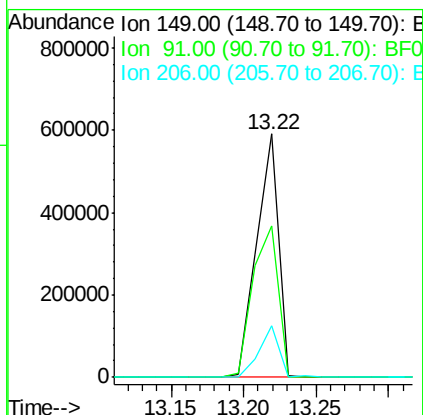
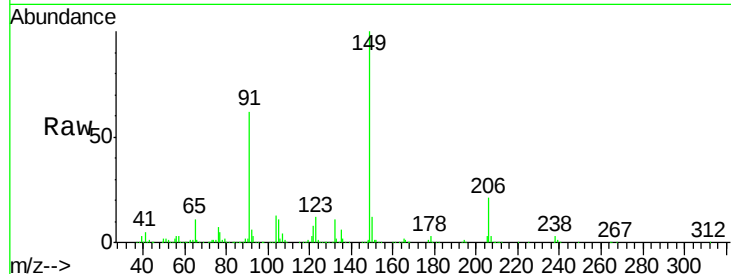




#79
Butylbenzylphthalate
Concen: 42.91 ng
RT: 13.22 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

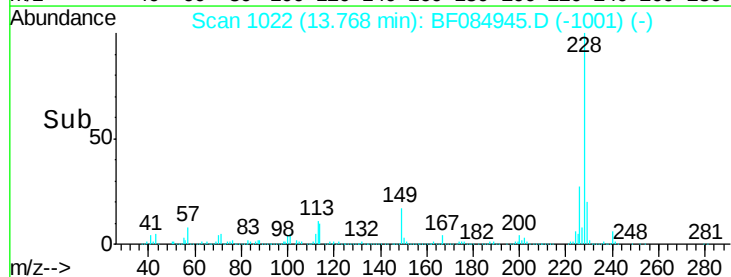
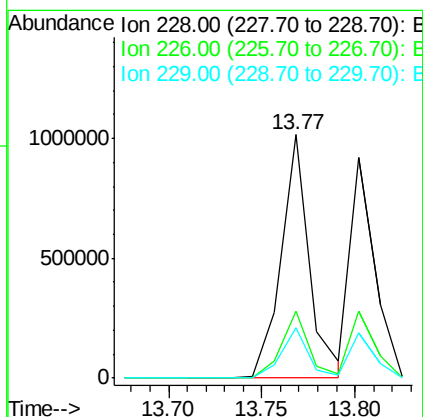
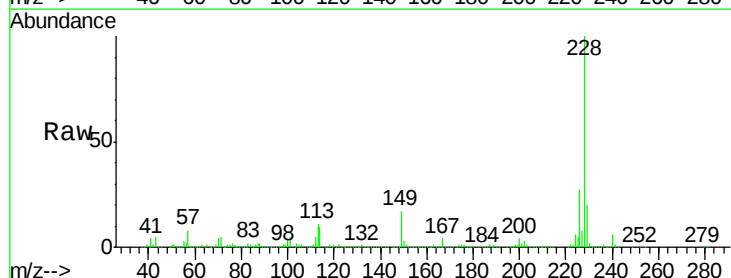
Instrument :
BNA_F
ClientSampleId :
PB88243BS

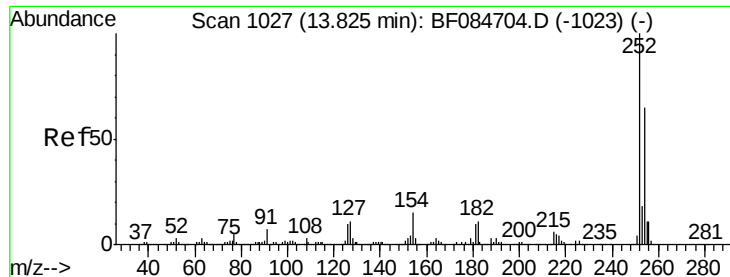
Tgt Ion:149 Resp: 622440
Ion Ratio Lower Upper
149 100
91 62.3 57.6 86.4
206 21.1 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 41.21 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion:228 Resp: 1068101
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.4 15.8 23.8

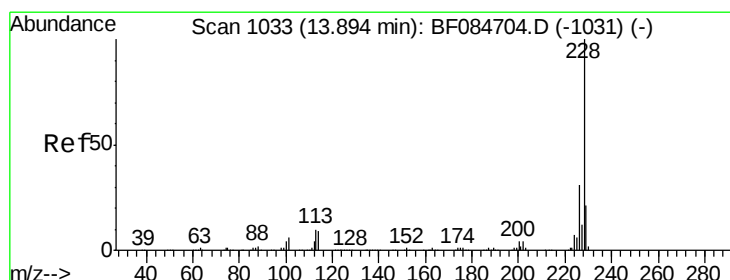
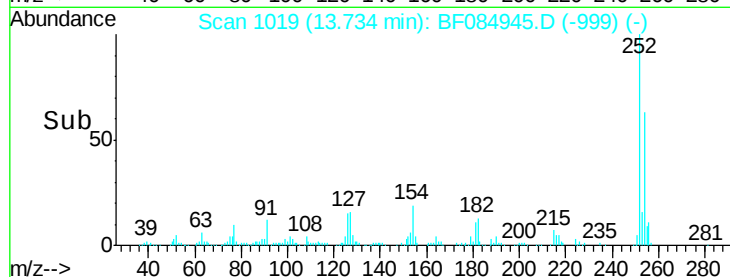
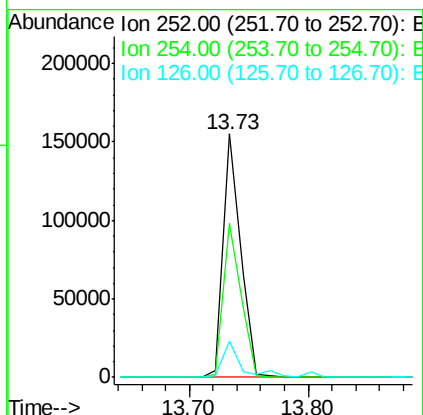
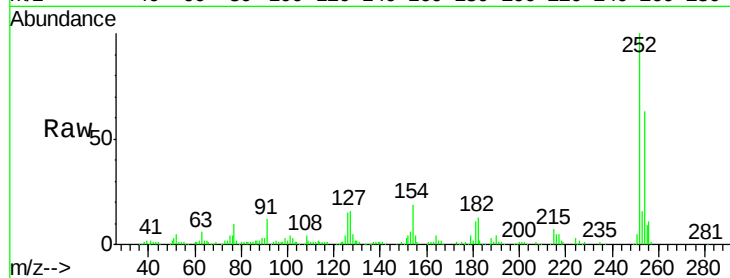




#81
 3,3'-Dichlorobenzidine
 Concen: 17.02 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

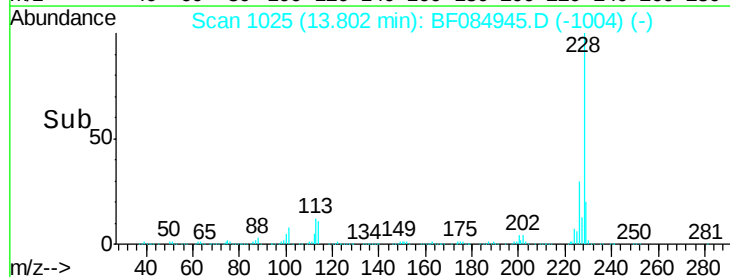
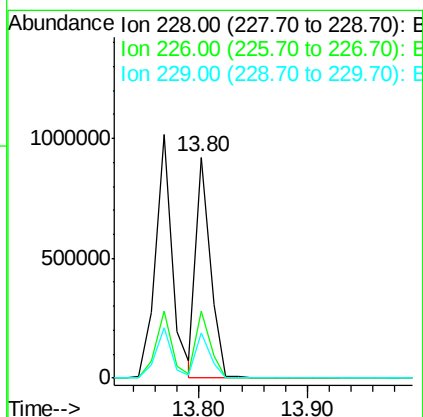
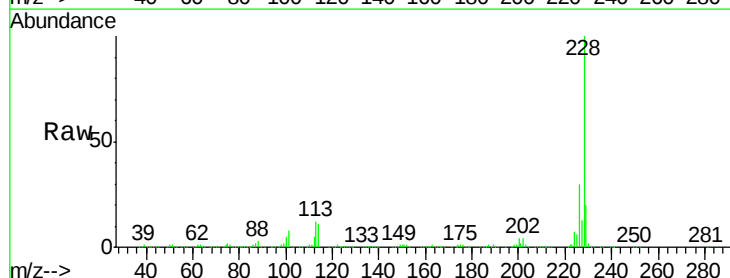
Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

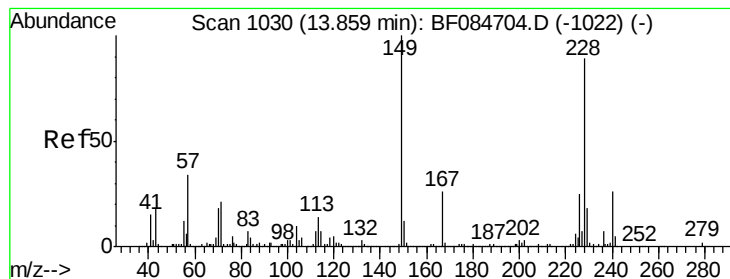
Tgt Ion:252 Resp: 156205
 Ion Ratio Lower Upper
 252 100
 254 63.5 53.5 80.3
 126 14.7 4.9 7.3#



#82
 Chrysene
 Concen: 34.10 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:228 Resp: 857206
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.49 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

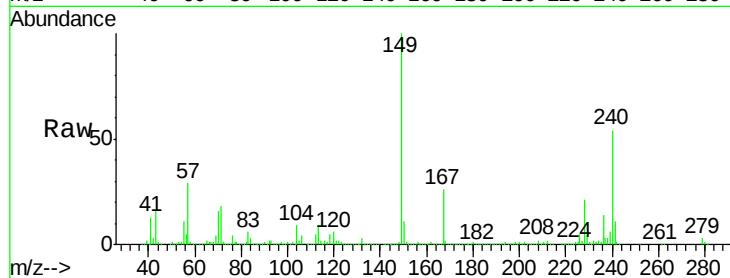
Tgt Ion:149 Resp: 785113

Ion Ratio Lower Upper

149 100

167 26.0 19.7 29.5

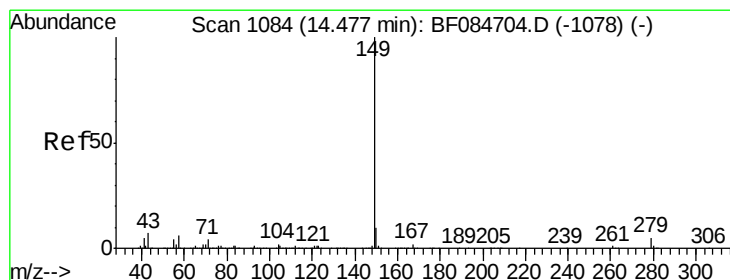
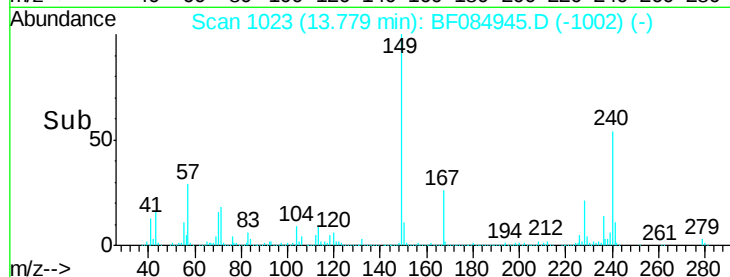
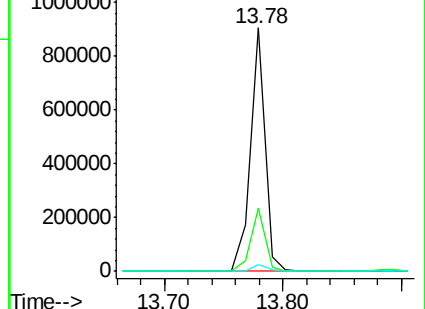
279 2.8 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.88 ng

RT: 14.39 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

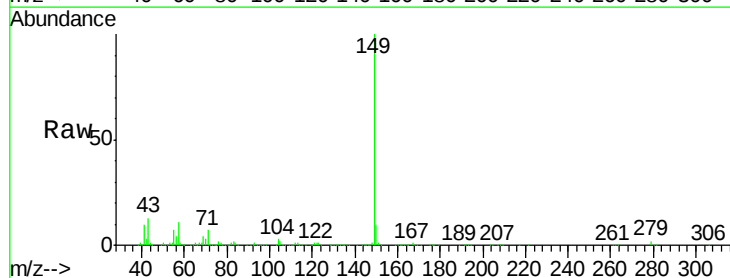
Tgt Ion:149 Resp: 1187569

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

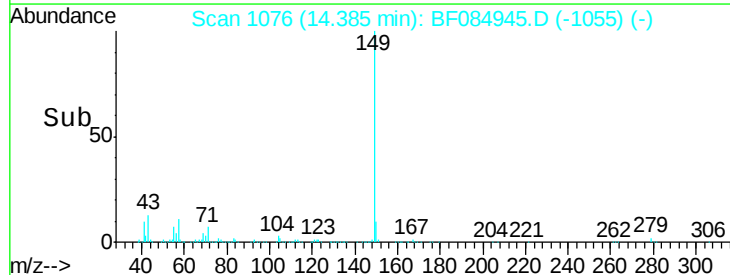
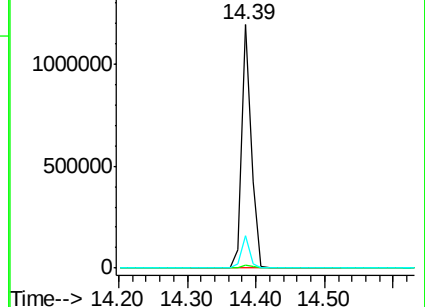
43 11.7 5.6 8.4#

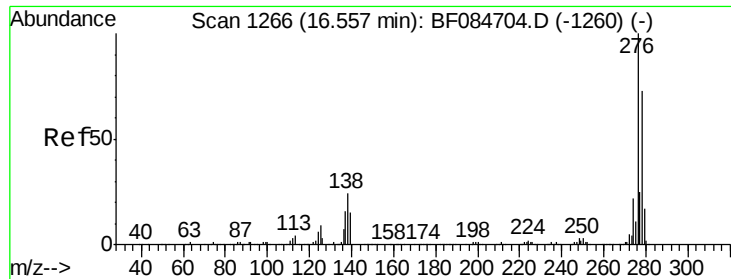


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

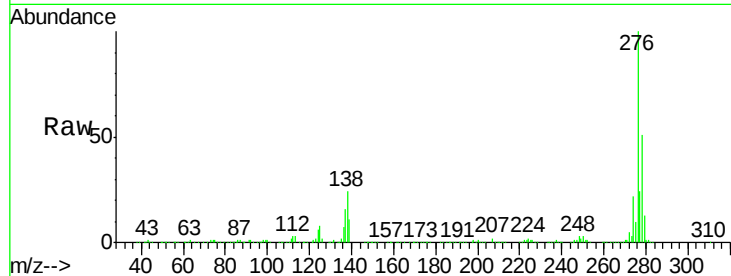




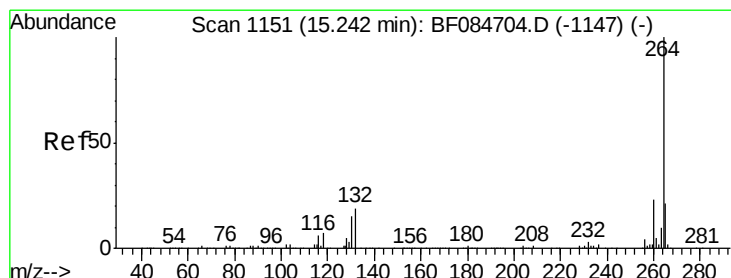
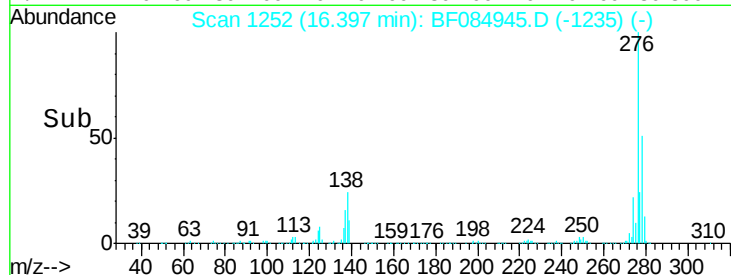
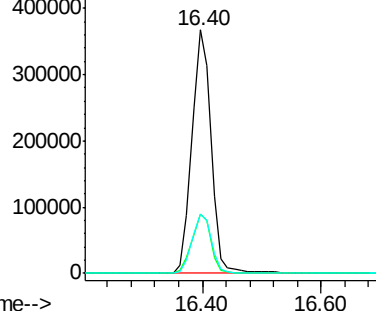
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.73 ng
 RT: 16.40 min Scan# 1252
 Delta R.T. -0.10 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	24.6	20.1	30.1

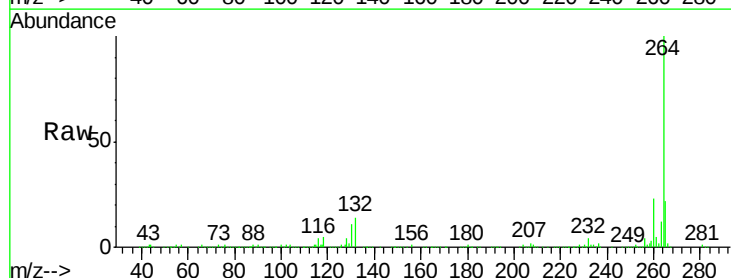


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

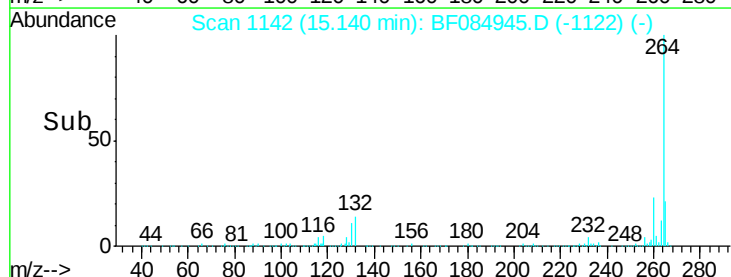
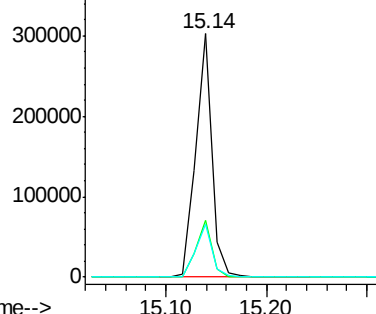


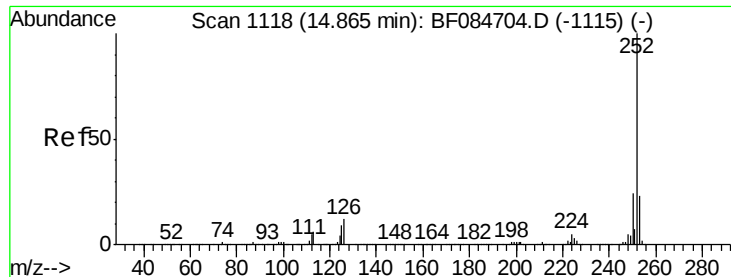
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. -0.07 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.5	17.8	26.6



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

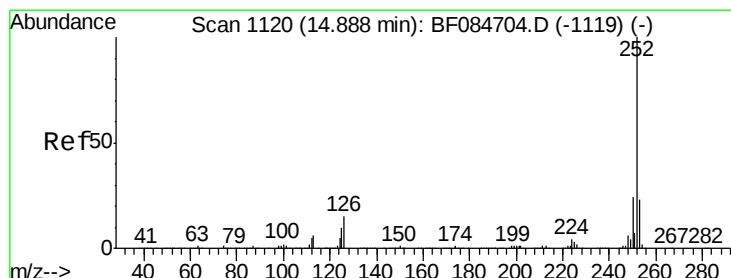
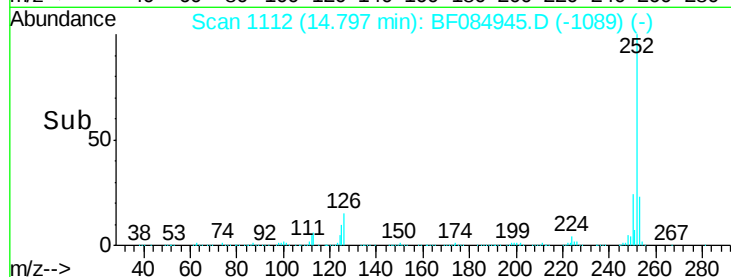
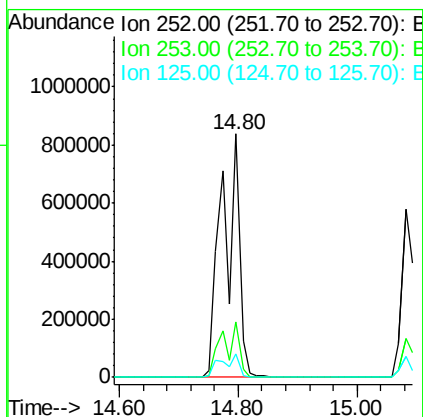
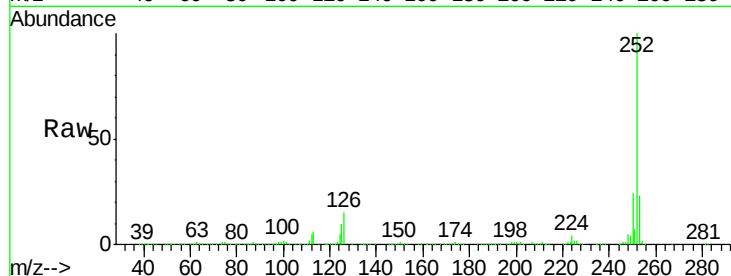




#87
Benzo(b)fluoranthene
Concen: 73.21 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

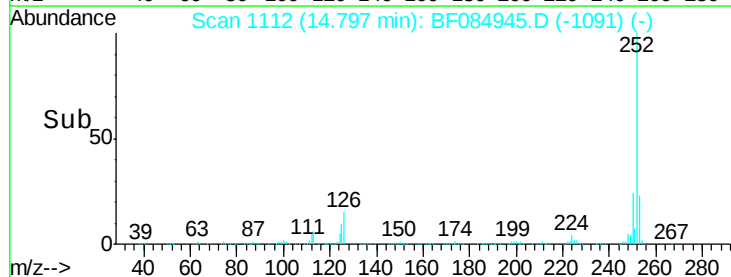
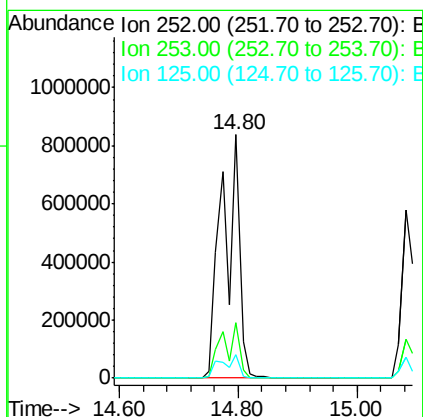
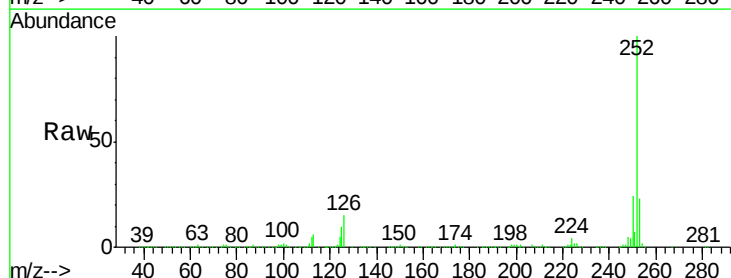
Instrument :
BNA_F
ClientSampleId :
PB88243BS

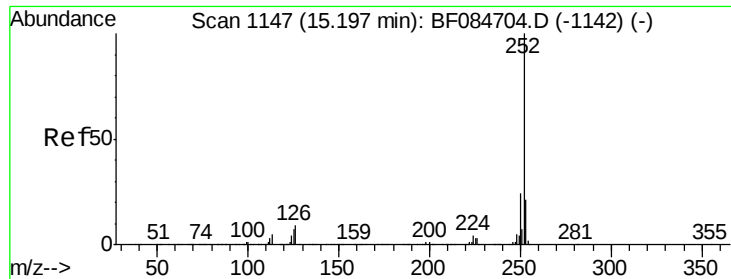
Tgt Ion:252 Resp: 1669104
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 9.6 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 88.55 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion:252 Resp: 1669104
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 9.6 9.0 13.6





#89

Benzo(a)pyrene

Concen: 40.11 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

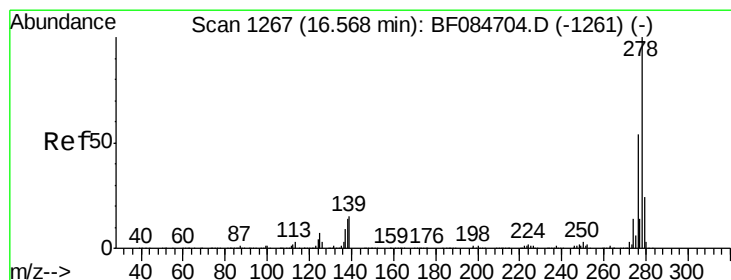
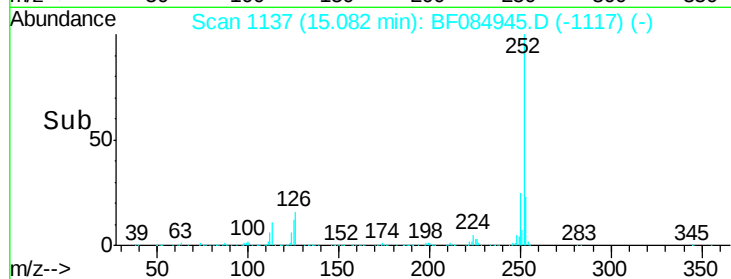
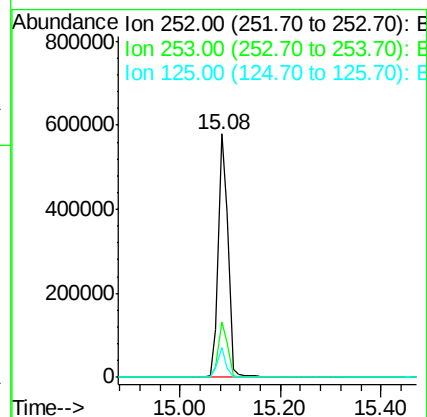
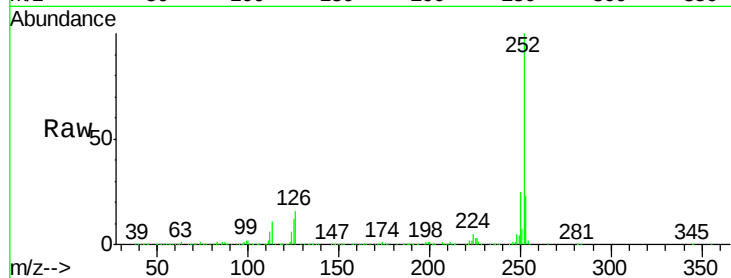
Tgt Ion:252 Resp: 779062

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 12.5 7.0 10.4#



#90

Dibenzo(a,h)anthracene

Concen: 41.56 ng

RT: 16.41 min Scan# 1253

Delta R.T. -0.10 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

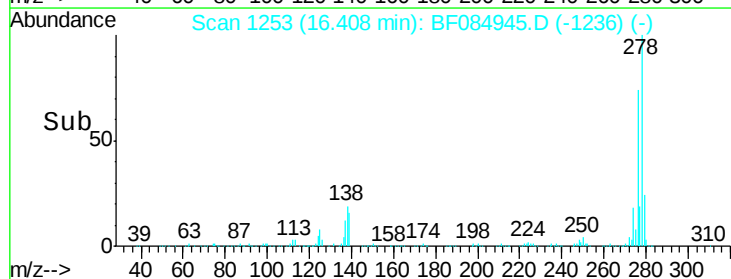
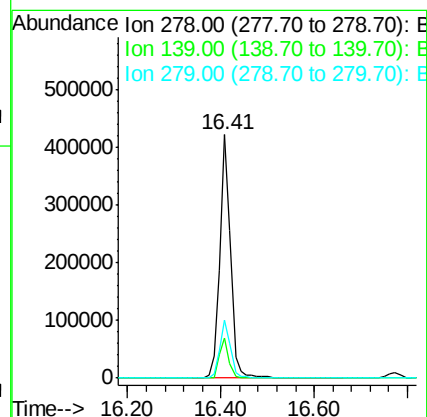
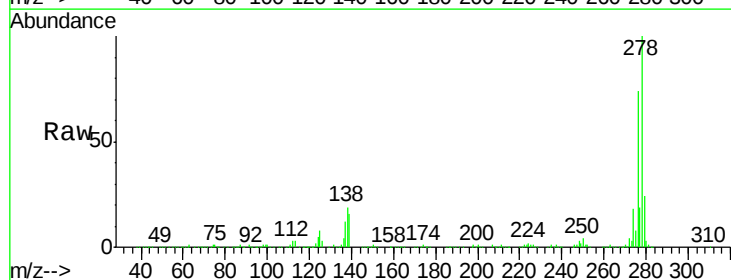
Tgt Ion:278 Resp: 679526

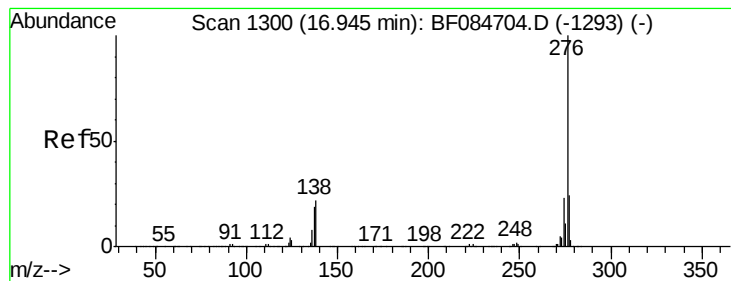
Ion Ratio Lower Upper

278 100

139 16.5 15.0 22.4

279 23.8 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 42.43 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084945.D

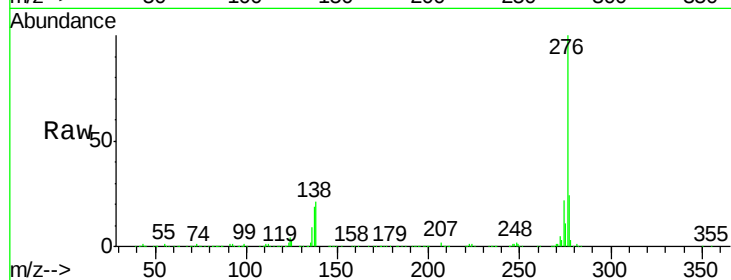
Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS



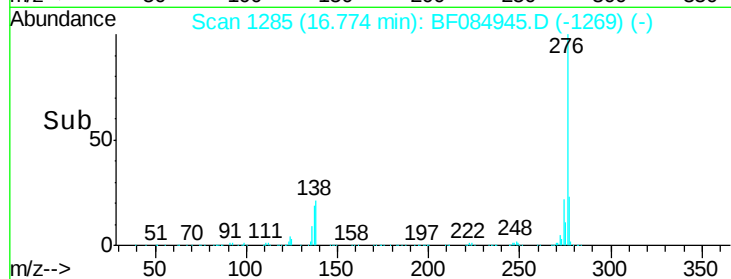
Tgt Ion: 276 Resp: 698833

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

