

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084712.D
 Acq On : 1 Feb 2016 16:35
 Operator : SJ/IZ
 Sample : PB88012BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Quant Time: Feb 02 00:30:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	179367	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	709297	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	359559	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	653877	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	499782	20.00	ng	0.00
86) Perylene-d12	15.24	264	431063	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1434608	124.58	ng	0.01
7) Phenol-d6	6.36	99	1744298	122.18	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1120849	89.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	459123	122.42	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1867500	88.79	ng	-0.01
78) Terphenyl-d14	12.82	244	1818694	82.46	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	176033	34.90	ng	# 72
3) Pyridine	2.97	79	541514	41.20	ng	# 74
4) n-Nitrosodimethylamine	2.92	42	271276	39.91	ng	81
6) Aniline	6.37	93	558550	31.97	ng	# 75
8) 2-Chlorophenol	6.50	128	520694	39.95	ng	92
9) Benzaldehyde	6.26	77	23284	2.76	ng	85
10) Phenol	6.38	94	590381	36.92	ng	90
11) bis(2-Chloroethyl)ether	6.45	93	479675	38.46	ng	83
12) 1,3-Dichlorobenzene	6.89	146	489207	35.52	ng	98
13) 1,4-Dichlorobenzene	6.73	146	513452	37.30	ng	97
14) 1,2-Dichlorobenzene	6.89	146	489146	38.15	ng	95
15) Benzyl Alcohol	6.86	79	417098	42.31	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	768698	36.64	ng	87
17) 2-Methylphenol	6.99	107	437131	42.40	ng	92
18) Hexachloroethane	7.22	117	204908	38.65	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	361942	40.45	ng	# 76
20) 3+4-Methylphenols	7.14	107	523050	40.88	ng	# 75
22) Acetophenone	7.13	105	721780	38.61	ng	99
24) Nitrobenzene	7.30	77	494644	36.69	ng	95
25) Isophorone	7.55	82	993798	40.59	ng	96
26) 2-Nitrophenol	7.62	139	278609	41.90	ng	# 87
27) 2,4-Dimethylphenol	7.66	122	470808	40.70	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	595880	41.02	ng	99
29) 2,4-Dichlorophenol	7.87	162	432662	43.72	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	440701	39.42	ng	96
31) Naphthalene	8.02	128	1378602	38.75	ng	99
32) Benzoic acid	7.80	122	305358	41.27	ng	93
33) 4-Chloroaniline	8.08	127	483473	32.86	ng	98
34) Hexachlorobutadiene	8.14	225	264141	40.98	ng	97
35) Caprolactam	8.45	113	88958	29.16	ng	# 47
36) 4-Chloro-3-methylphenol	8.57	107	490280	43.42	ng	92
37) 2-Methylnaphthalene	8.72	142	1052150	47.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	396463	34.72	ng	98
40) Hexachlorocyclopentadiene	8.86	237	406795	80.49	ng	97

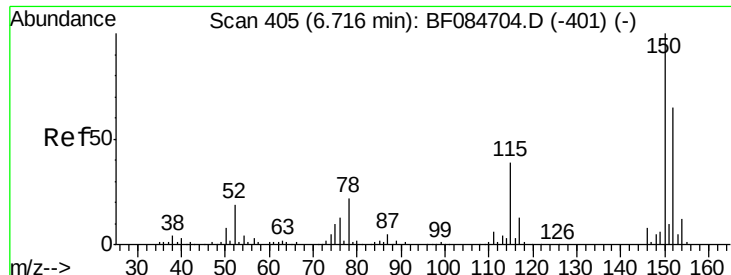
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084712.D
 Acq On : 1 Feb 2016 16:35
 Operator : SJ/IZ
 Sample : PB88012BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Quant Time: Feb 02 00:30:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	303644	41.27	ng	94
43) 2,4,5-Trichlorophenol	9.05	196	294397	39.38	ng #	91
45) 1,1'-Biphenyl	9.18	154	1209938	37.67	ng	95
46) 2-Chloronaphthalene	9.21	162	889998	37.63	ng #	85
47) 2-Nitroaniline	9.30	65	285151	38.08	ng	97
48) Acenaphthylene	9.62	152	1427572	39.78	ng	98
49) Dimethylphthalate	9.49	163	1137412	41.53	ng #	91
50) 2,6-Dinitrotoluene	9.55	165	258853	43.27	ng #	84
51) Acenaphthene	9.79	154	930216	39.84	ng	96
52) 3-Nitroaniline	9.71	138	200884	29.88	ng	97
53) 2,4-Dinitrophenol	9.82	184	253517	90.96	ng #	84
54) Dibenzofuran	9.96	168	1306270	45.77	ng	97
55) 4-Nitrophenol	9.89	139	350220	70.89	ng #	80
56) 2,4-Dinitrotoluene	9.95	165	306843	40.21	ng #	84
57) Fluorene	10.30	166	1017423	42.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	237179	41.68	ng	92
59) Diethylphthalate	10.19	149	1137559	42.54	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	428272	42.35	ng	94
61) 4-Nitroaniline	10.33	138	248423	37.92	ng	90
62) Azobenzene	10.45	77	1113604	43.31	ng	90
64) 4,6-Dinitro-2-methylphenol	10.36	198	194368	48.16	ng	86
65) n-Nitrosodiphenylamine	10.42	169	929385	44.76	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	308995	42.78	ng #	93
67) Hexachlorobenzene	10.84	284	311870	39.63	ng #	83
68) Atrazine	10.94	200	264882	40.40	ng	97
69) Pentachlorophenol	11.05	266	347203	93.88	ng	98
70) Phenanthrene	11.25	178	1430679	39.45	ng	97
71) Anthracene	11.31	178	1605968	43.95	ng	99
72) Carbazole	11.47	167	1488939	46.73	ng	99
73) Di-n-butylphthalate	11.80	149	1569291	38.68	ng #	96
74) Fluoranthene	12.44	202	1619827	44.13	ng	96
76) Benzidine	12.57	184	565142	31.93	ng	98
77) Pyrene	12.67	202	1697384	44.36	ng	98
79) Butylbenzylphthalate	13.30	149	786972	45.34	ng	96
80) Benzo(a)anthracene	13.85	228	1330452	42.89	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	413332	37.63	ng #	99
82) Chrysene	13.89	228	1319015	43.85	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	935505	43.31	ng	97
84) Di-n-octyl phthalate	14.47	149	1590511	44.63	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.55	276	996566	42.09	ng	99
87) Benzo(b)fluoranthene	14.89	252	2220782	76.68	ng #	95
88) Benzo(k)fluoranthene	14.89	252	2220782	92.74	ng	99
89) Benzo(a)pyrene	15.20	252	1073637	43.51	ng #	98
90) Dibenzo(a,h)anthracene	16.57	278	833519	40.12	ng #	95
91) Benzo(g,h,i)perylene	16.95	276	837448	40.02	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

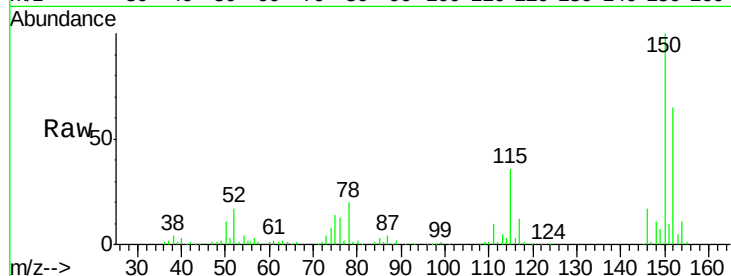
Tgt Ion:152 Resp: 179367

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

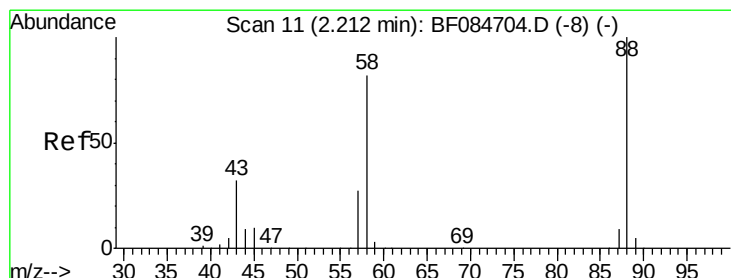
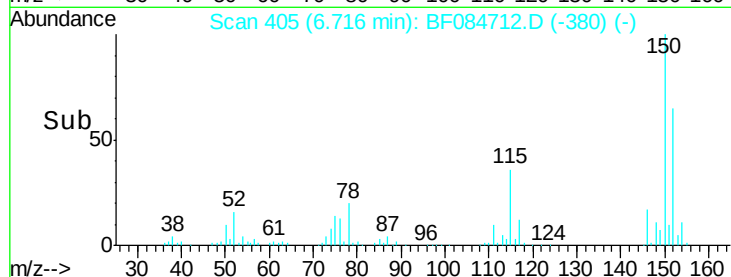
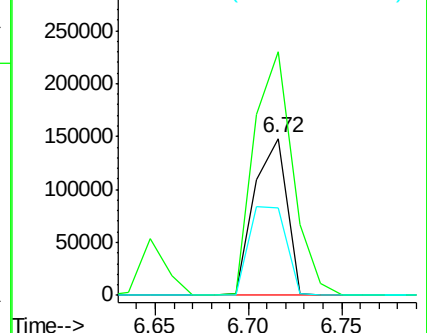
115 55.7 51.4 77.2



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: 34.90 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.08 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

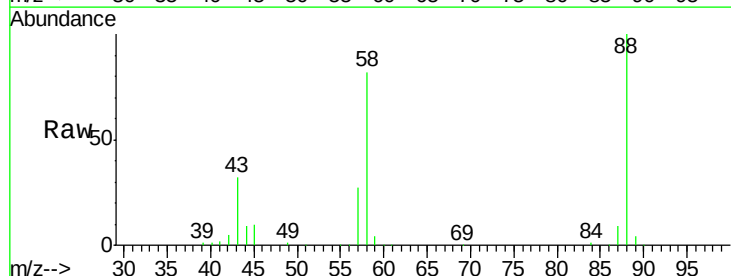
Tgt Ion: 88 Resp: 176033

Ion Ratio Lower Upper

88 100

58 88.1 51.2 76.8#

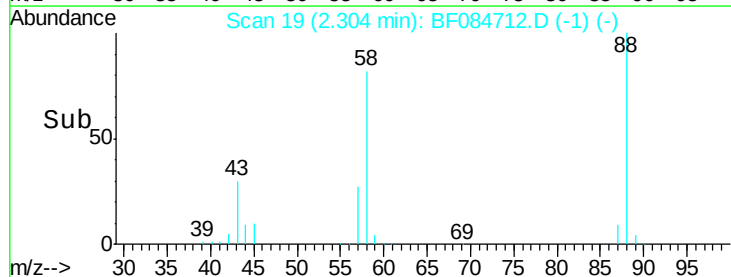
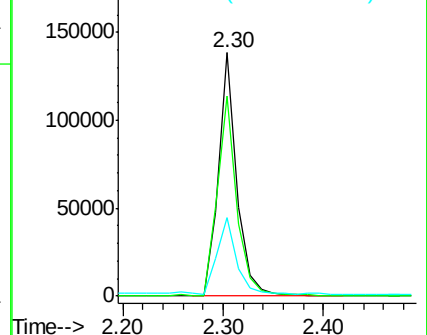
43 35.2 19.5 29.3#

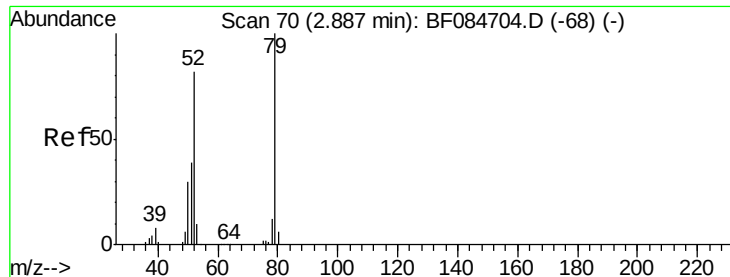


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.20 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

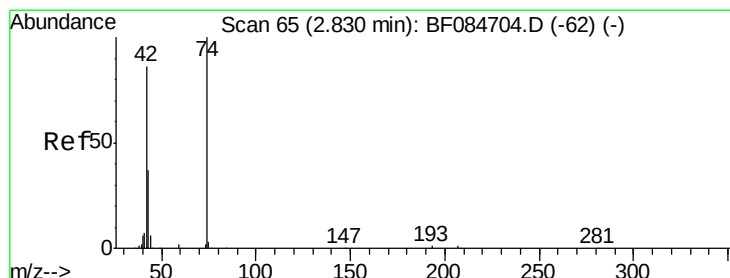
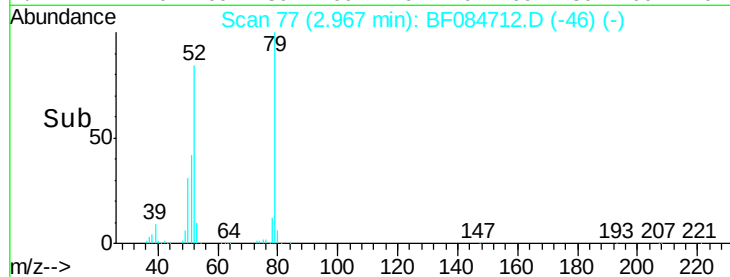
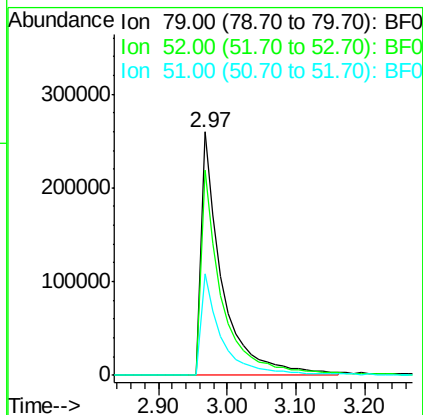
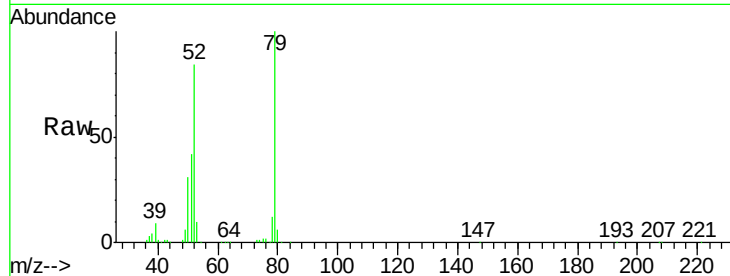
Tgt Ion: 79 Resp: 541514

Ion Ratio Lower Upper

79 100

52 84.2 49.0 73.4#

51 41.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.91 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

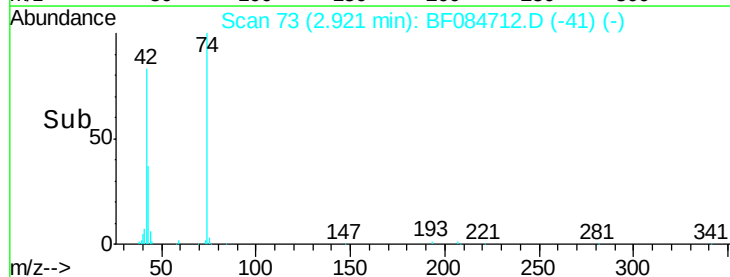
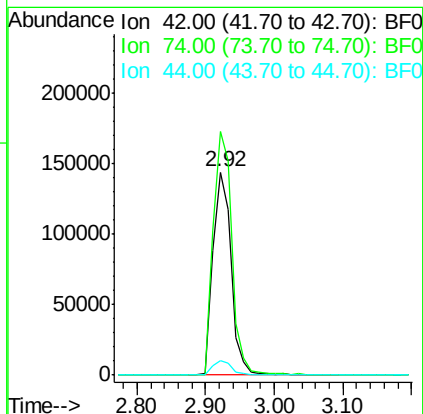
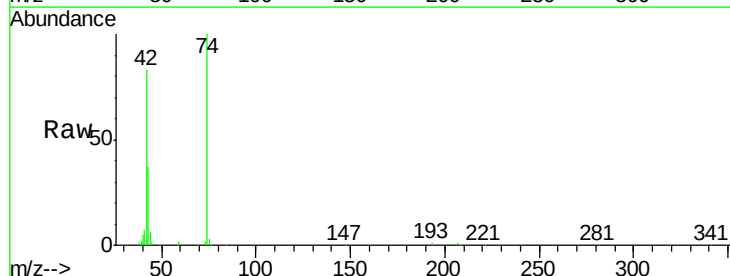
Tgt Ion: 42 Resp: 271276

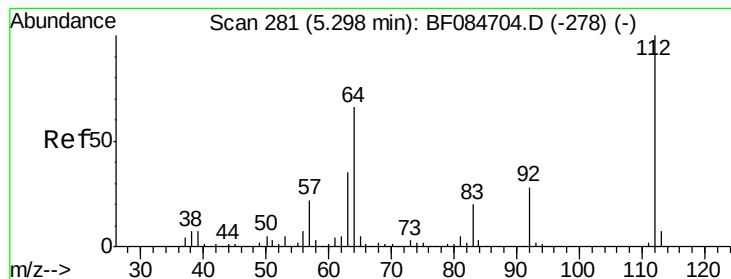
Ion Ratio Lower Upper

42 100

74 119.9 115.7 173.5

44 7.1 5.1 7.7





#5

2-Fluorophenol

Concen: 124.58 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

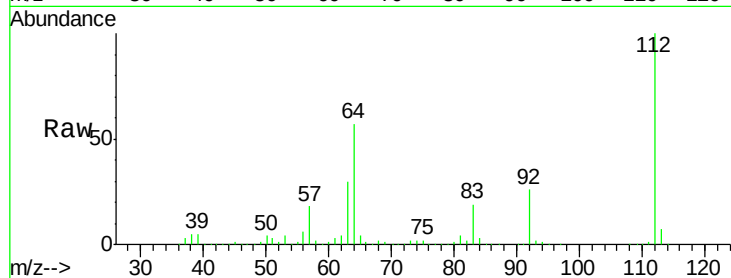
Tgt Ion:112 Resp: 1434608

Ion Ratio Lower Upper

112 100

64 57.4 36.6 55.0#

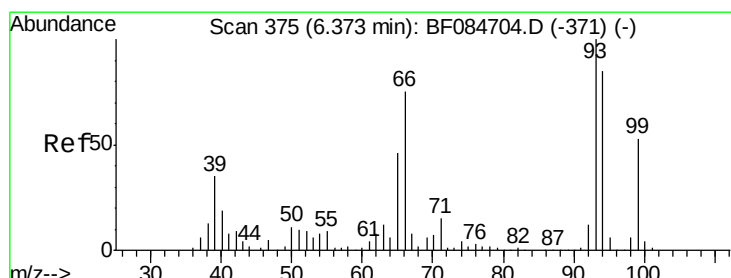
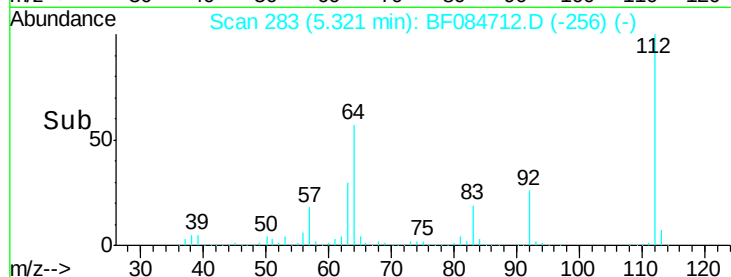
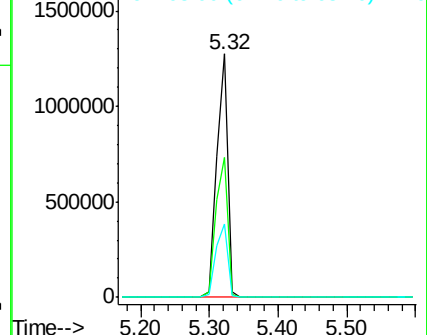
63 30.0 19.4 29.0#



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: 31.97 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

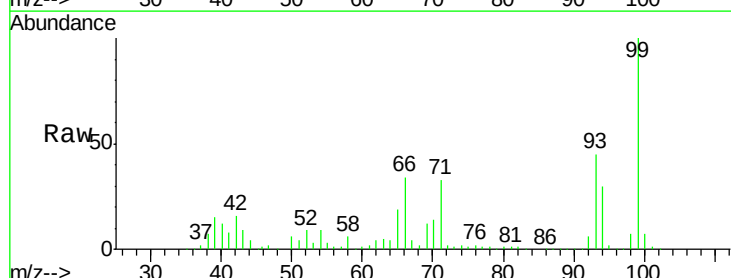
Tgt Ion: 93 Resp: 558550

Ion Ratio Lower Upper

93 100

66 75.2 44.9 67.3#

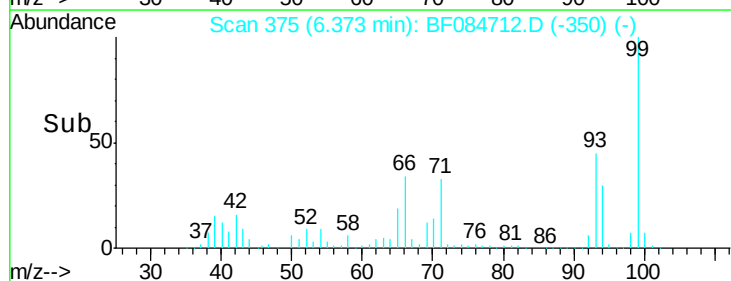
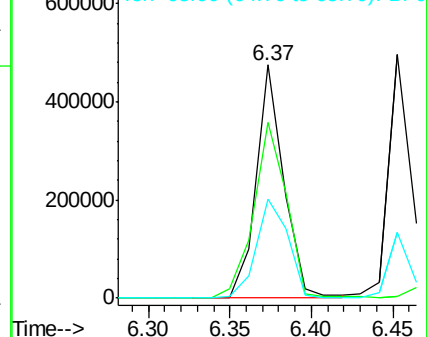
65 42.5 23.7 35.5#

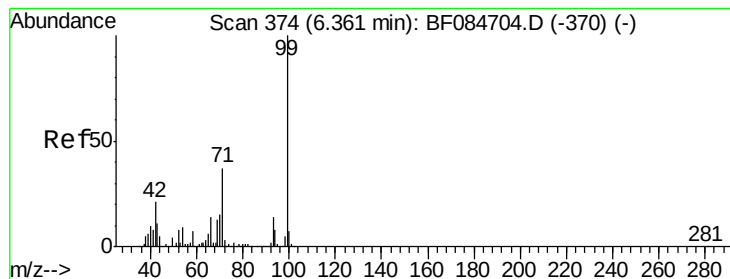


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.18 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

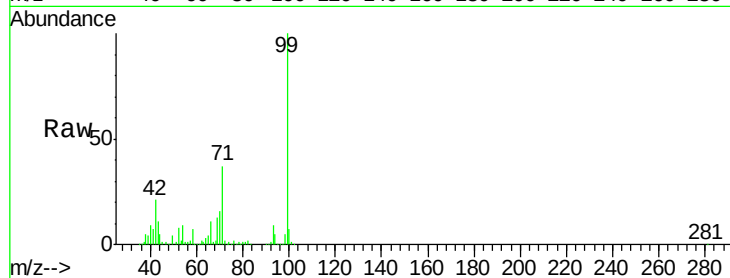
Tgt Ion: 99 Resp: 1744298

Ion Ratio Lower Upper

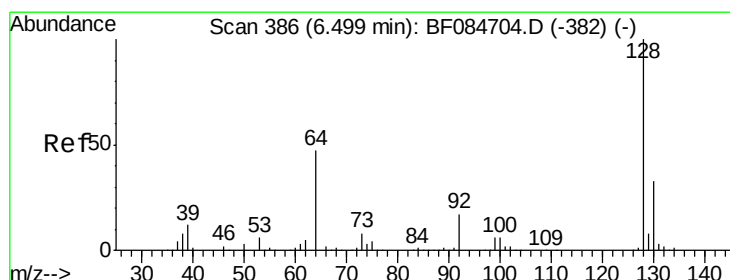
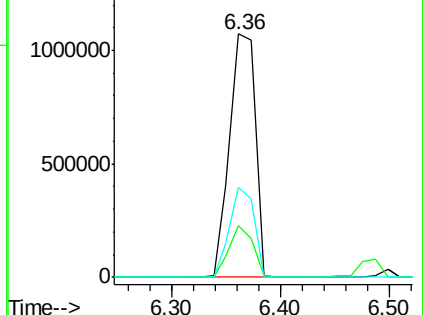
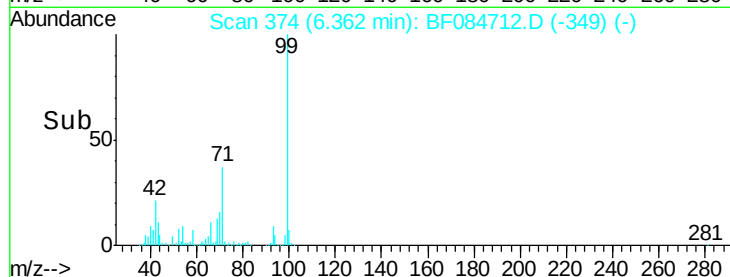
99 100

42 21.0 12.8 19.2#

71 37.1 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: 39.95 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

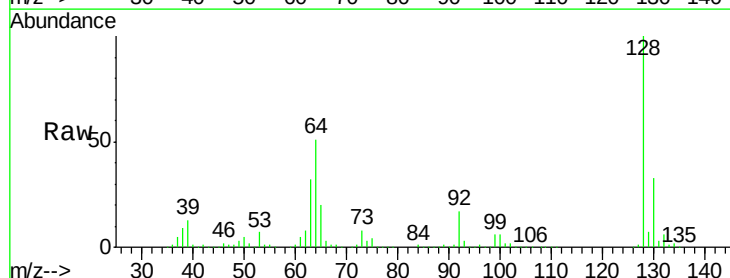
Tgt Ion:128 Resp: 520694

Ion Ratio Lower Upper

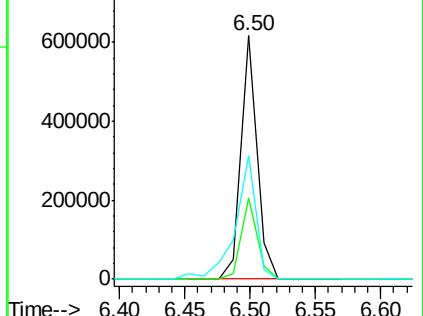
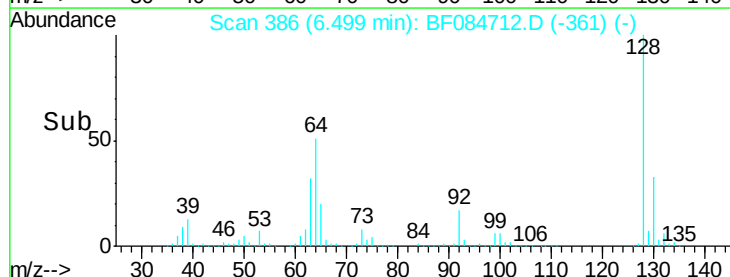
128 100

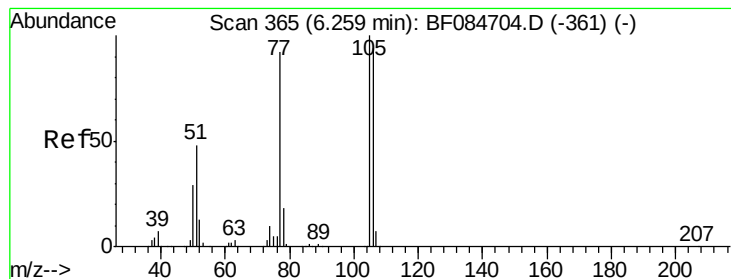
130 33.2 11.6 51.6

64 50.9 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampled :

PB88012BS

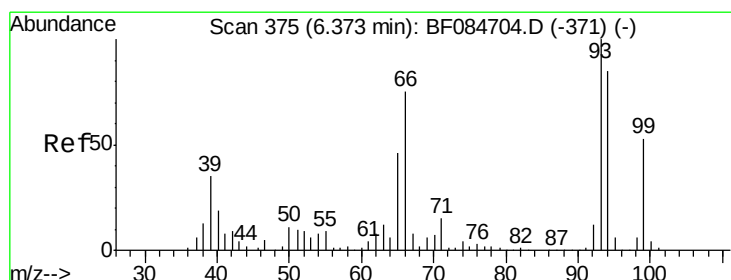
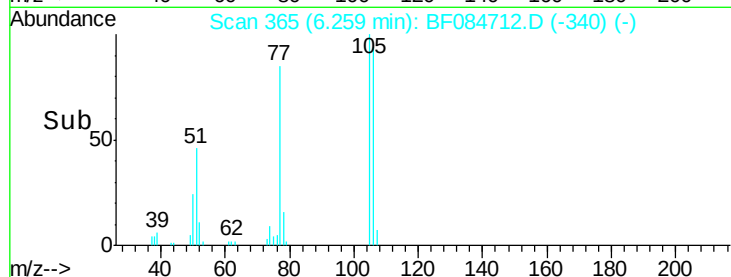
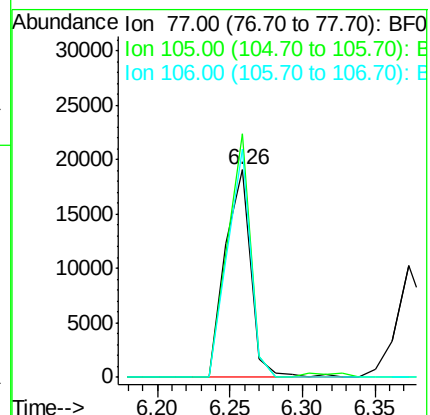
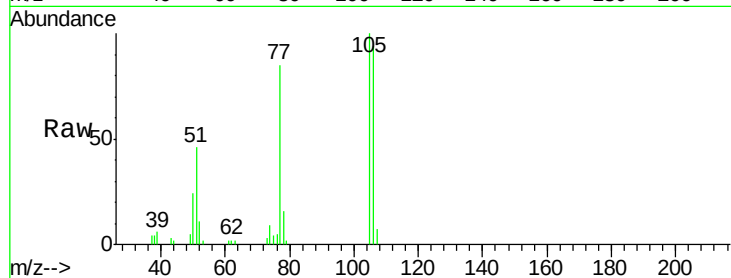
Tgt Ion: 77 Resp: 23284

Ion Ratio Lower Upper

77 100

105 117.4 83.0 123.0

106 110.1 74.6 114.6



#10

Phenol

Concen: 36.92 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

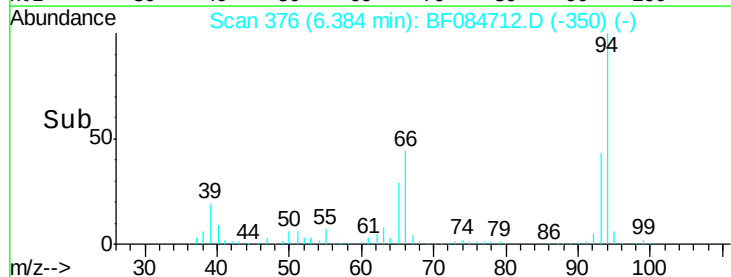
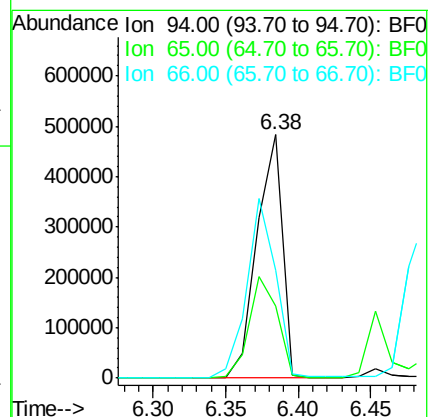
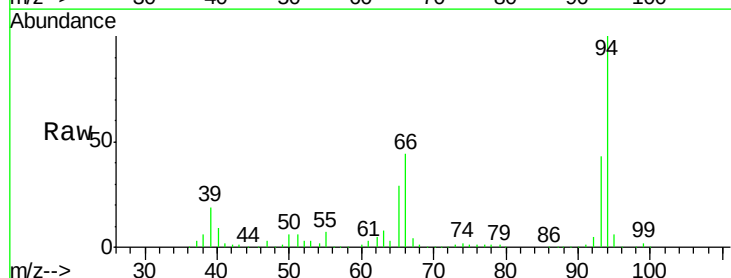
Tgt Ion: 94 Resp: 590381

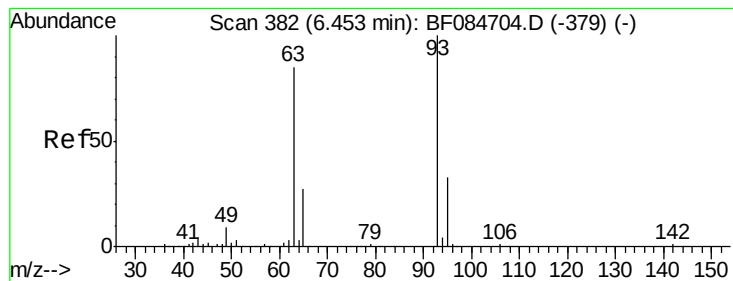
Ion Ratio Lower Upper

94 100

65 29.4 12.9 52.9

66 44.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 38.46 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

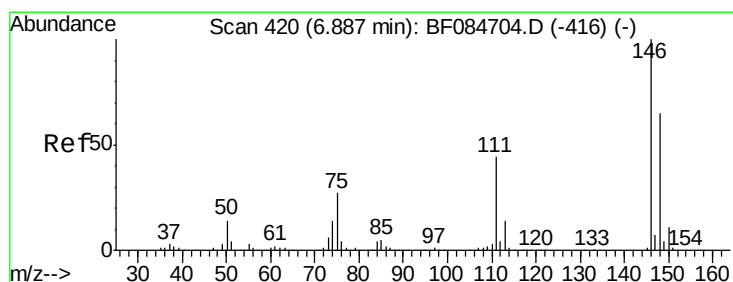
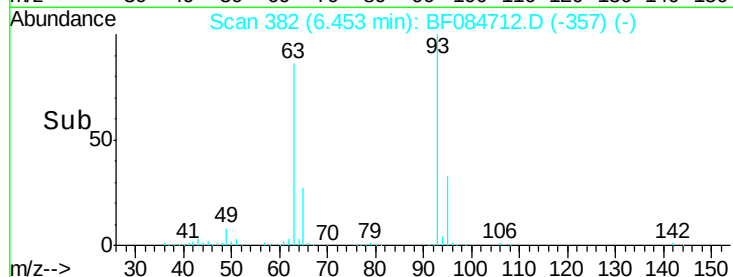
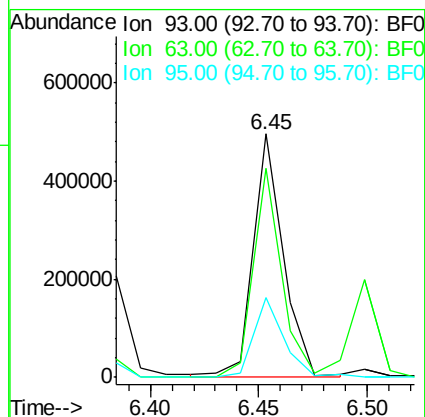
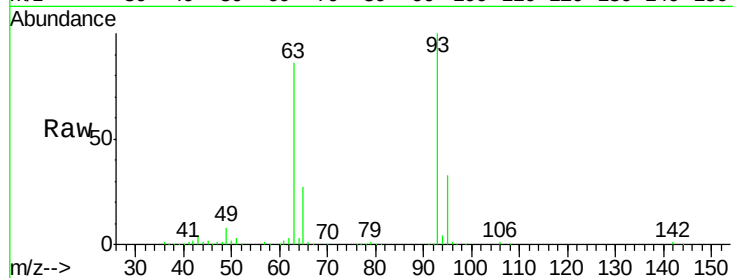
Tgt Ion: 93 Resp: 479675

Ion Ratio Lower Upper

93 100

63 85.6 45.9 85.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.52 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

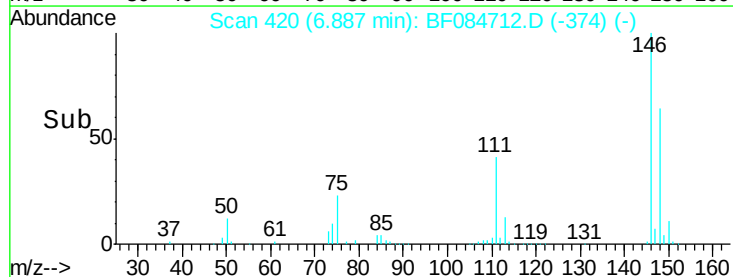
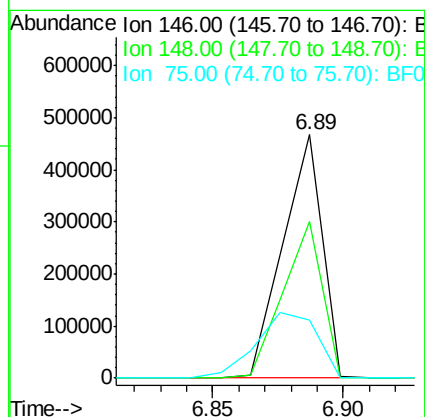
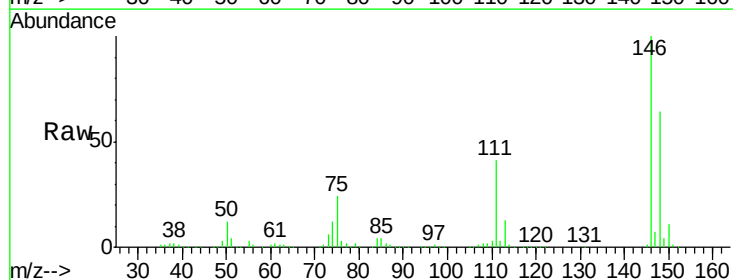
Tgt Ion: 146 Resp: 489207

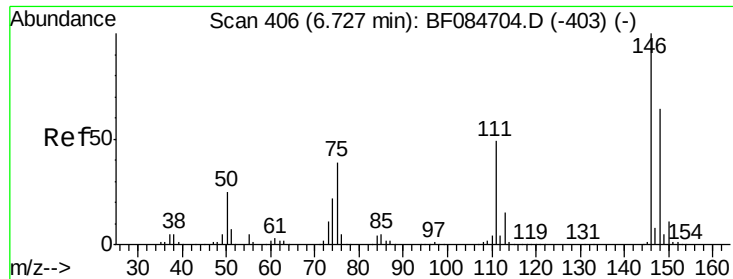
Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

75 23.9 20.5 30.7

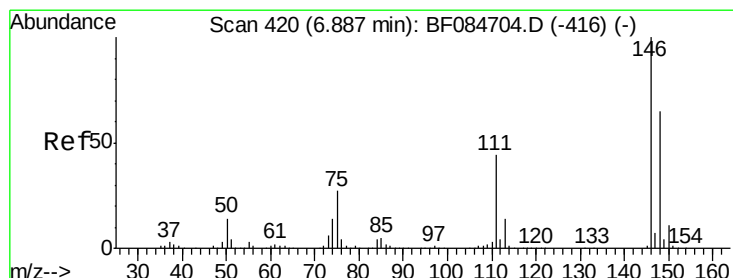
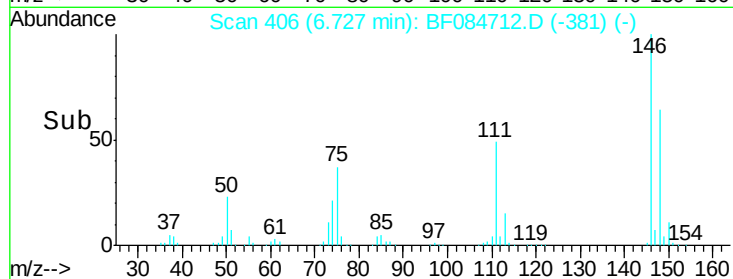
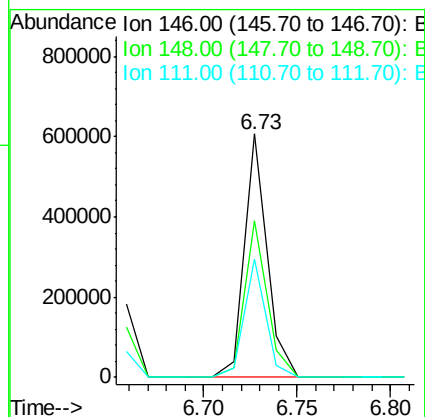
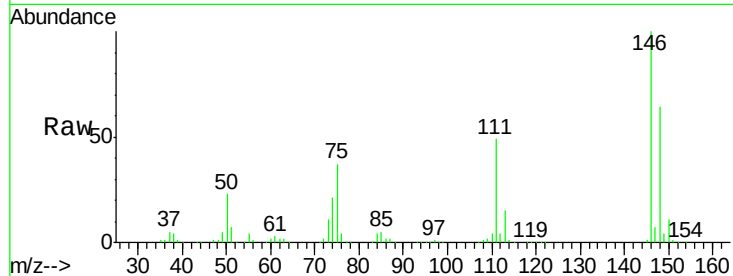




#13
 1,4-Dichlorobenzene
 Concen: 37.30 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

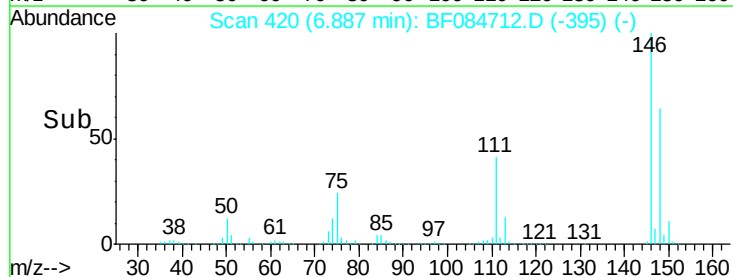
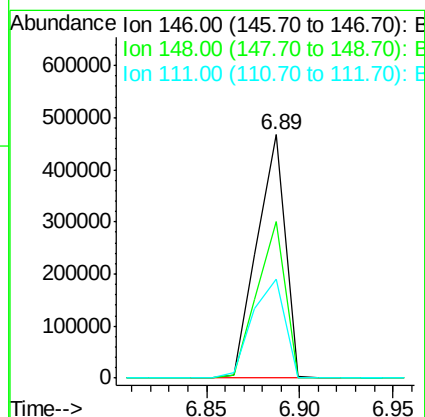
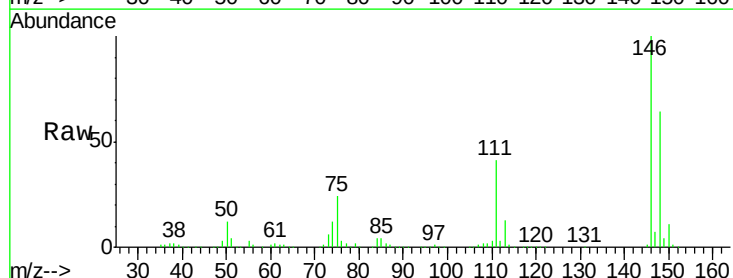
Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

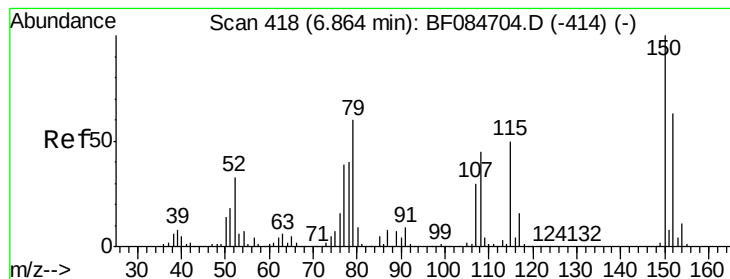
Tgt Ion:146 Resp: 513452
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 48.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.15 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:146 Resp: 489146
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 40.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 42.31 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

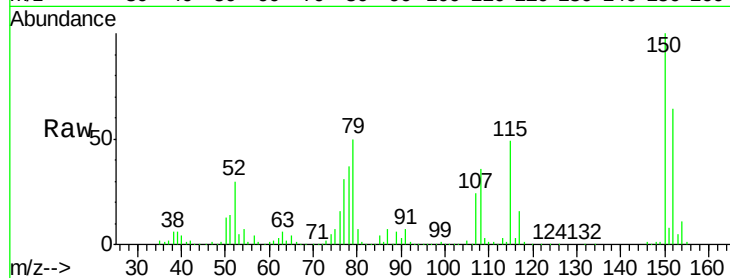
Tgt Ion: 79 Resp: 417098

Ion Ratio Lower Upper

79 100

108 72.5 69.0 103.4

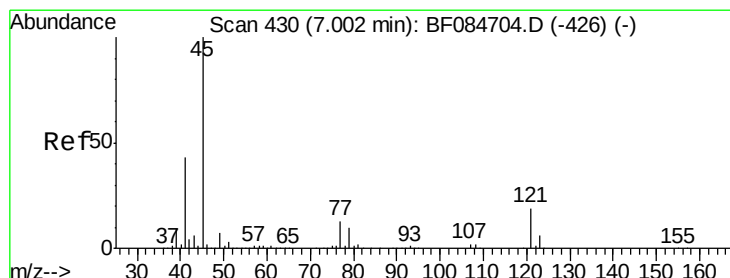
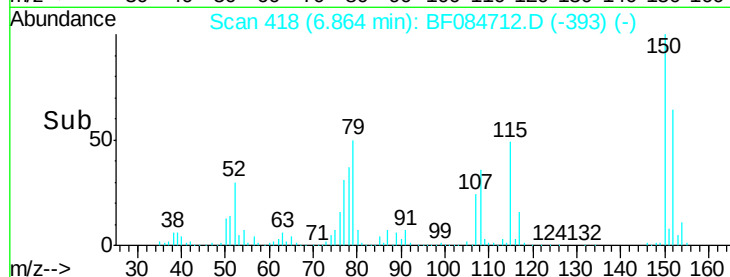
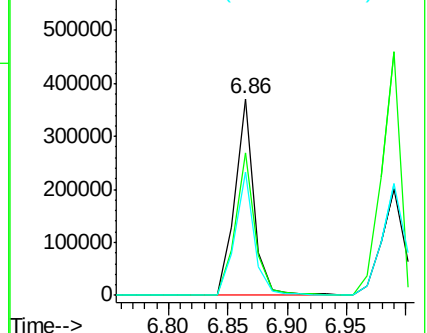
77 63.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.64 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

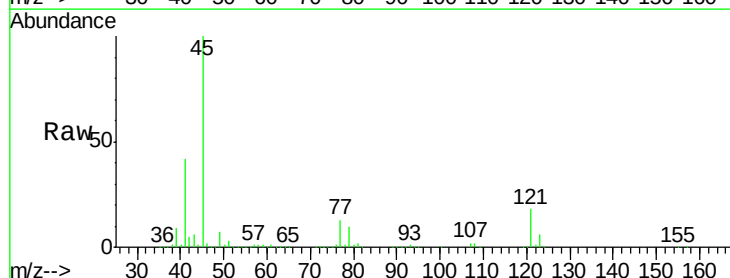
Tgt Ion: 45 Resp: 768698

Ion Ratio Lower Upper

45 100

77 13.0 0.0 39.6

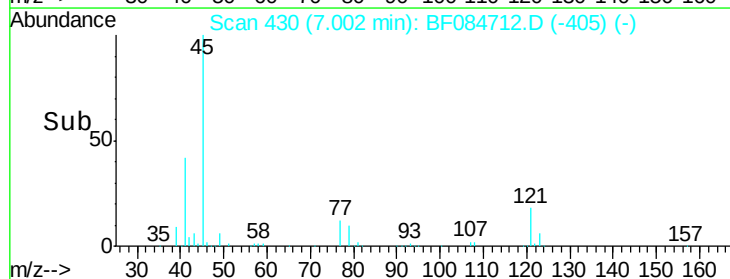
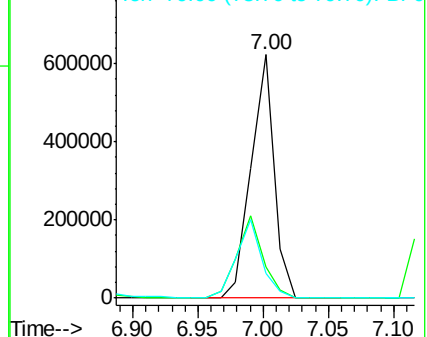
79 10.2 0.0 35.0

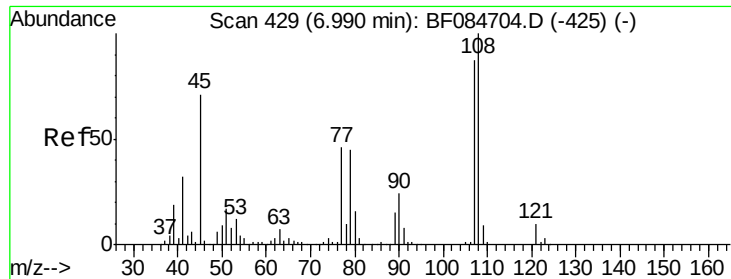


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

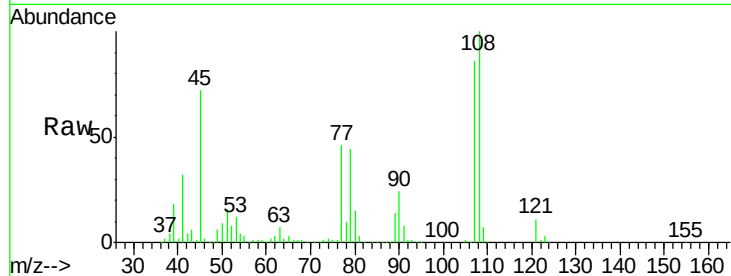




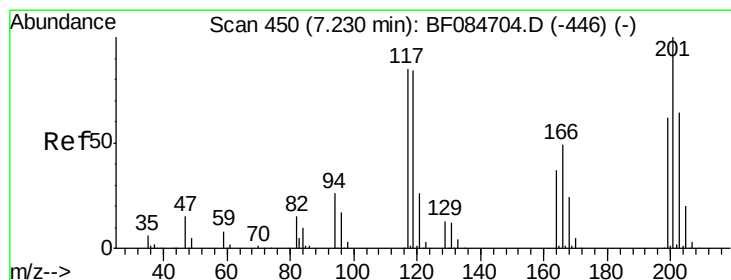
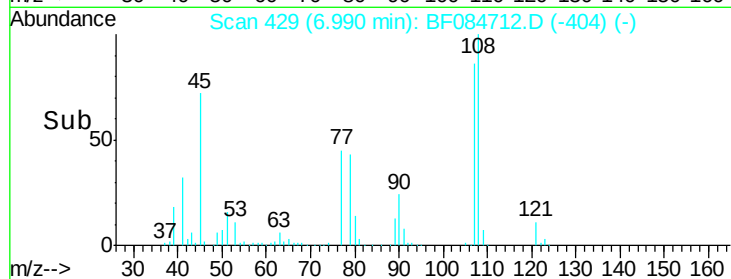
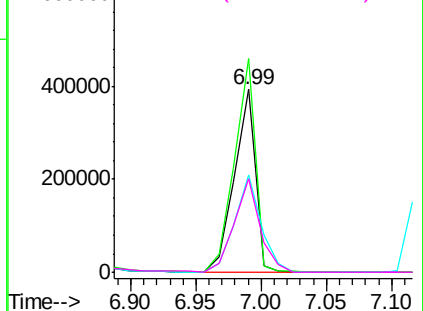
#17
 2-Methylphenol
 Concen: 42.40 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.7	89.8	134.6
77	53.5	35.7	53.5
79	51.1	35.7	53.5

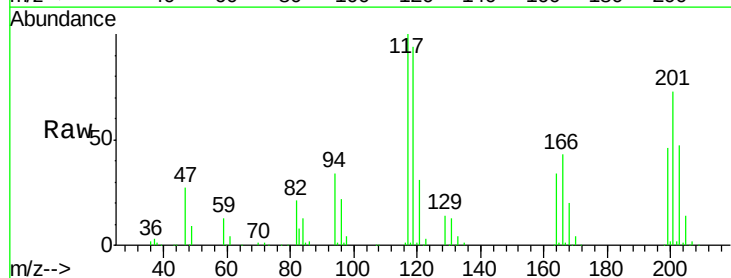


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

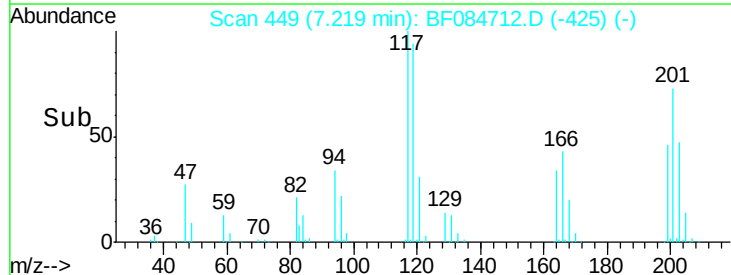
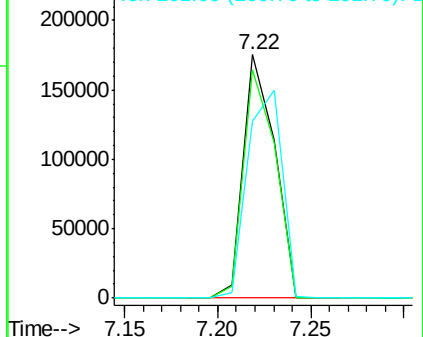


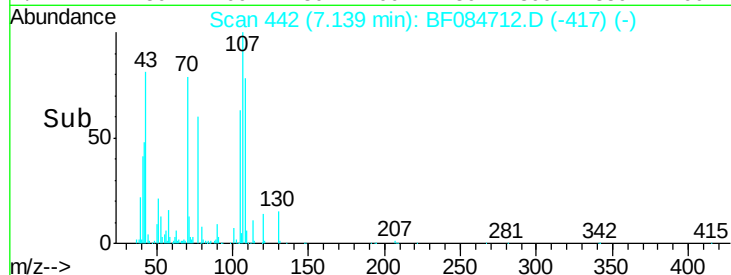
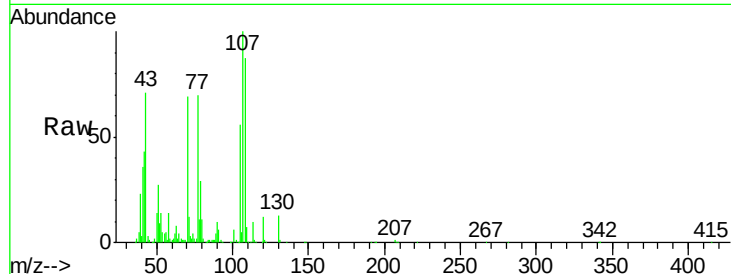
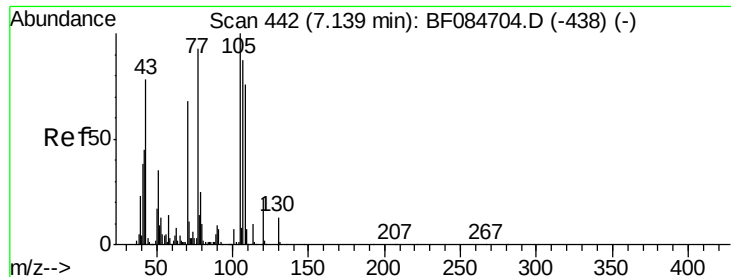
#18
 Hexachloroethane
 Concen: 38.65 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.0
201	72.9	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

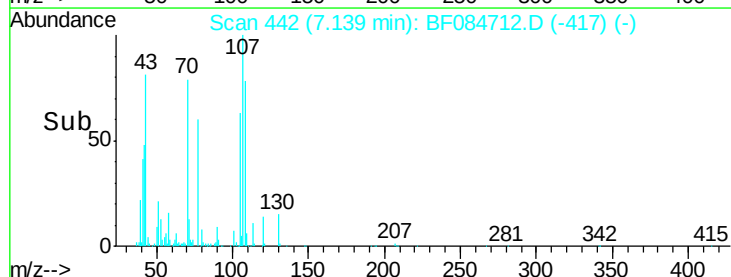
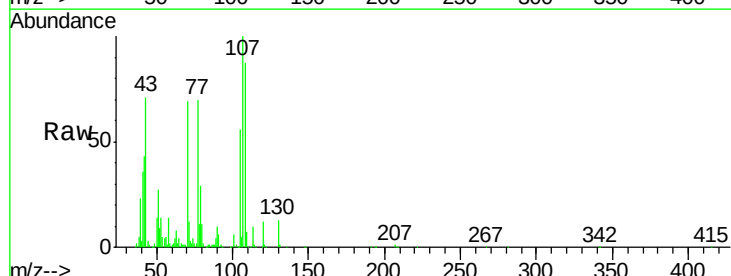
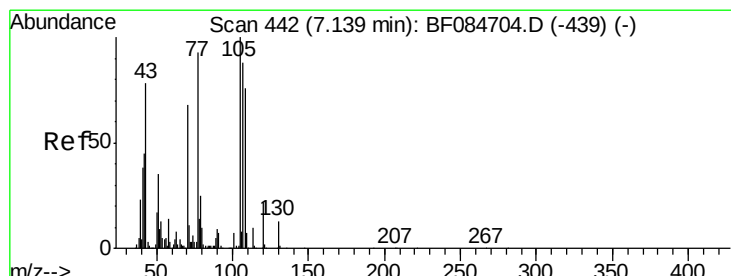
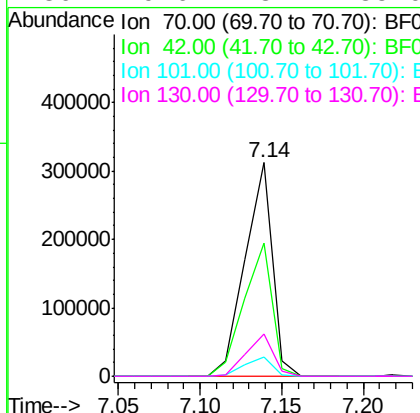




#19
n-Nitroso-di-n-propylamine
Concen: 40.45 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

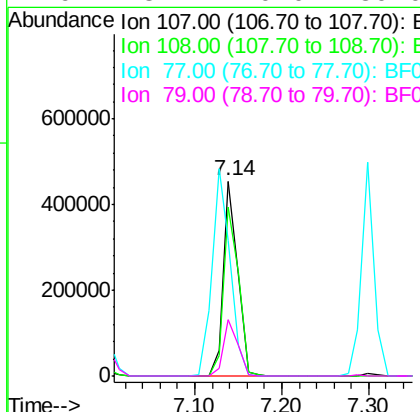
Instrument :
BNA_F
ClientSampleId :
PB88012BS

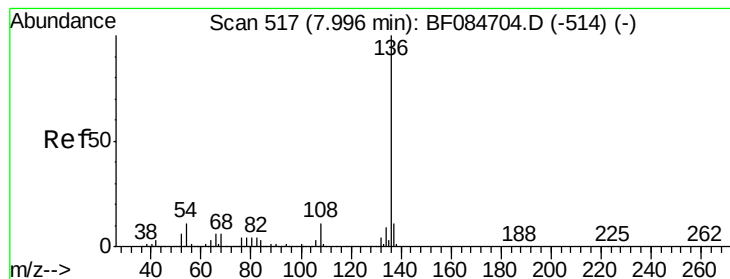
Tgt Ion: 70 Resp: 361942
Ion Ratio Lower Upper
70 100
42 62.0 33.3 49.9#
101 9.2 9.3 13.9#
130 19.6 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.88 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

Tgt Ion: 107 Resp: 523050
Ion Ratio Lower Upper
107 100
108 86.9 74.6 114.6
77 69.5 0.7 40.7#
79 28.7 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

Tgt Ion:136 Resp: 709297

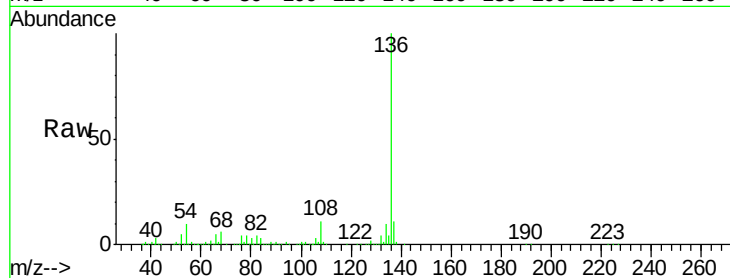
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.1 5.8 8.8#

68 5.5 4.2 6.2

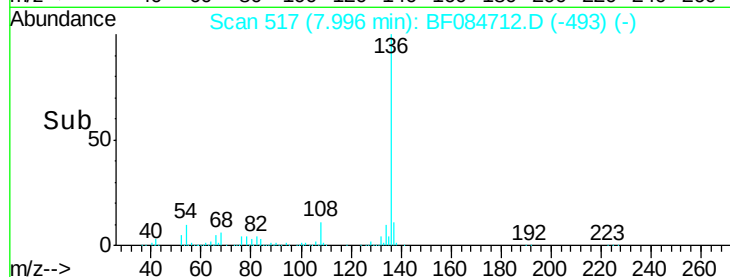


Abundance Ion 136.00 (135.70 to 136.70): E

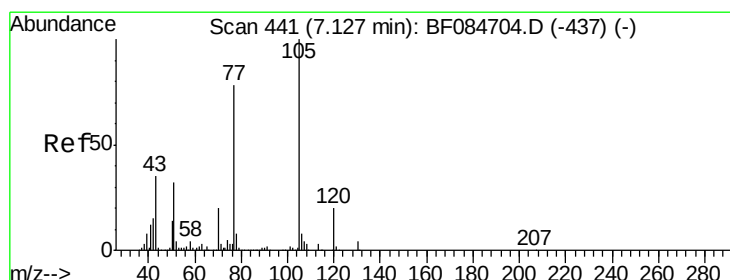
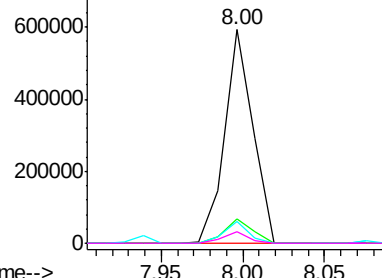
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.61 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Tgt Ion:105 Resp: 721780

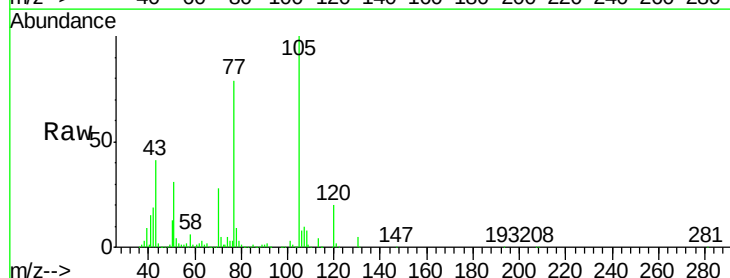
Ion Ratio Lower Upper

105 100

71 4.5 3.7 5.5

51 30.7 25.1 37.7

120 20.3 16.6 25.0

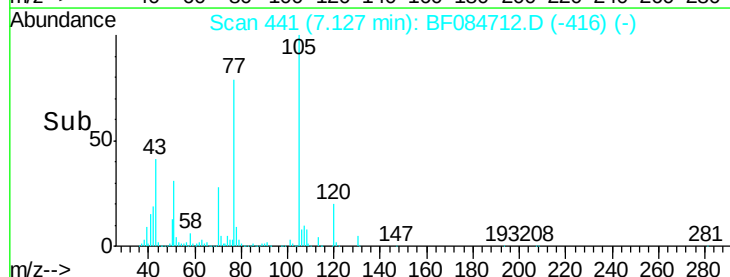


Abundance Ion 105.00 (104.70 to 105.70): E

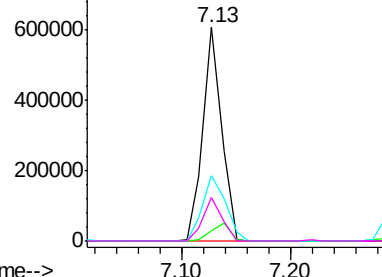
Ion 71.00 (70.70 to 71.70): BF0

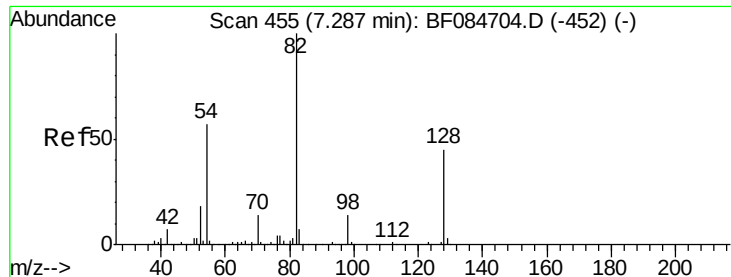
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

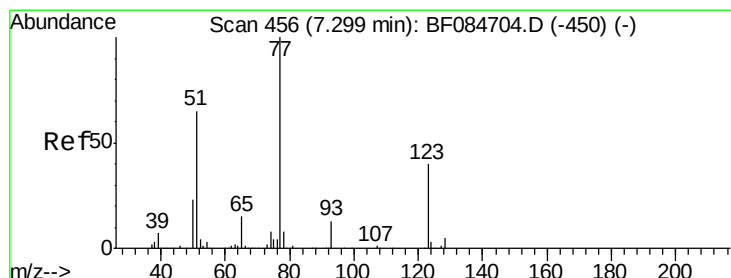
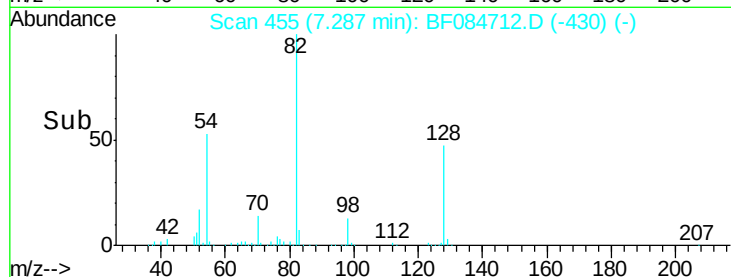
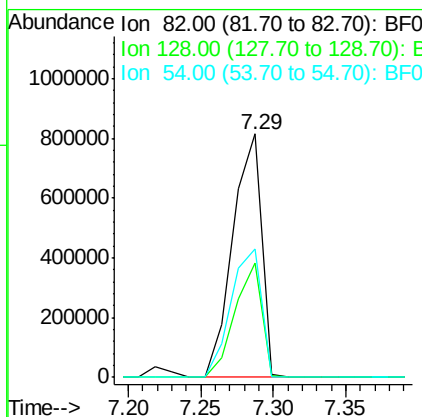
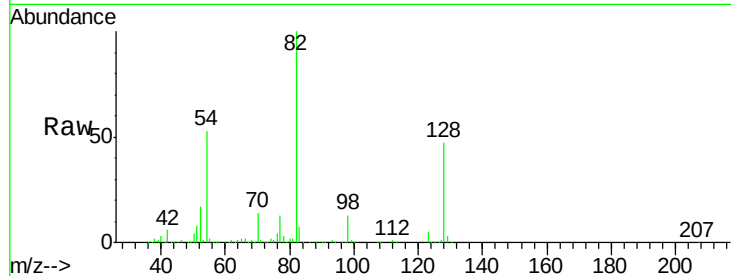




#23
 Nitrobenzene-d5
 Concen: 89.02 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

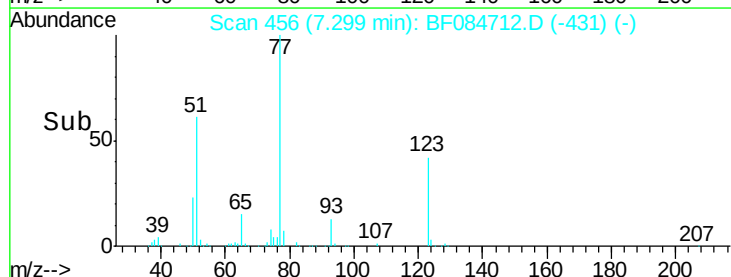
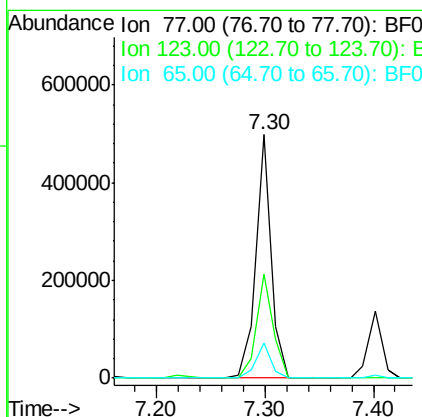
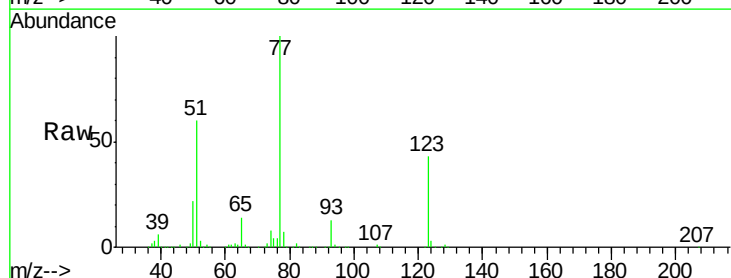
Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

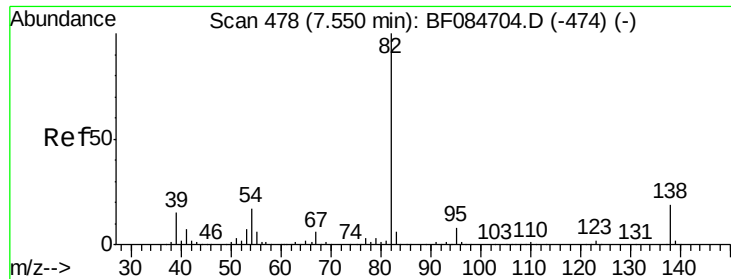
Tgt Ion: 82 Resp: 1120849
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.6 51.8
 54 52.8 38.4 57.6



#24
 Nitrobenzene
 Concen: 36.69 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion: 77 Resp: 494644
 Ion Ratio Lower Upper
 77 100
 123 42.9 37.4 56.2
 65 14.5 10.9 16.3





#25

Isophorone

Concen: 40.59 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

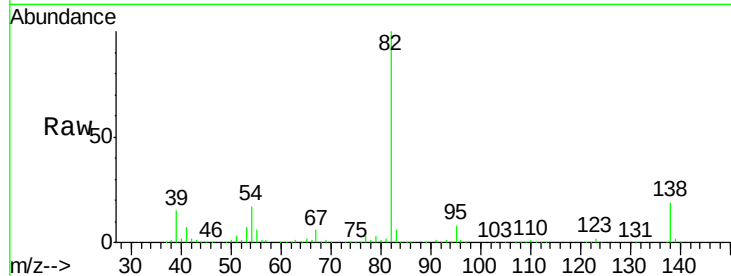
Tgt Ion: 82 Resp: 993798

Ion Ratio Lower Upper

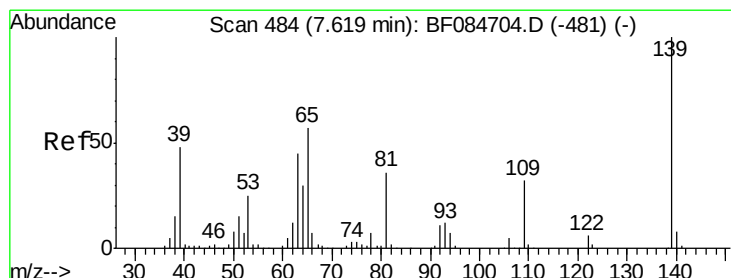
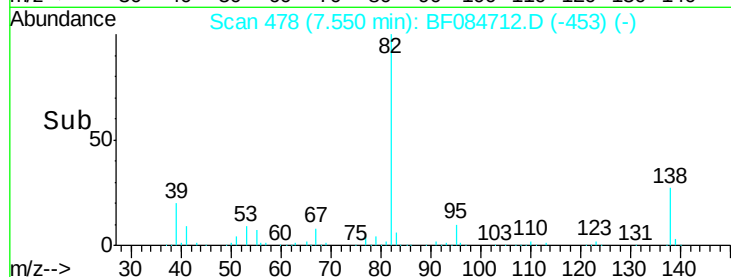
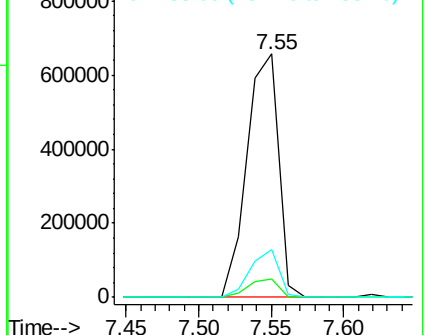
82 100

95 7.7 6.6 10.0

138 19.4 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: 41.90 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

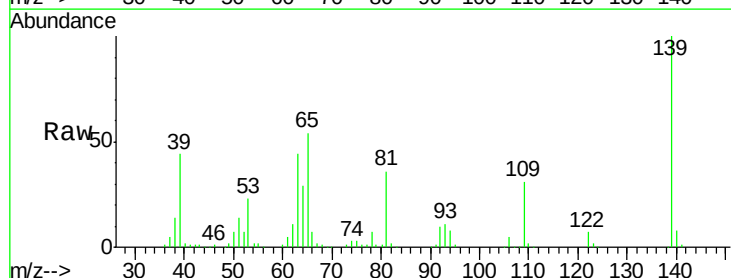
Tgt Ion: 139 Resp: 278609

Ion Ratio Lower Upper

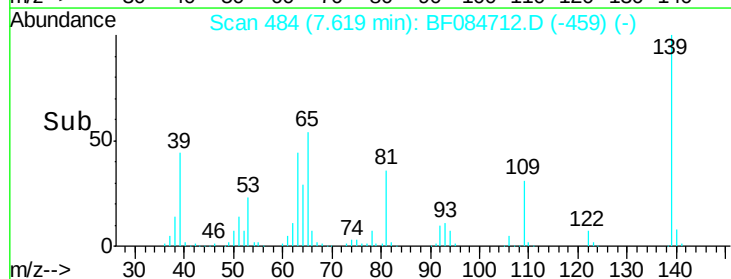
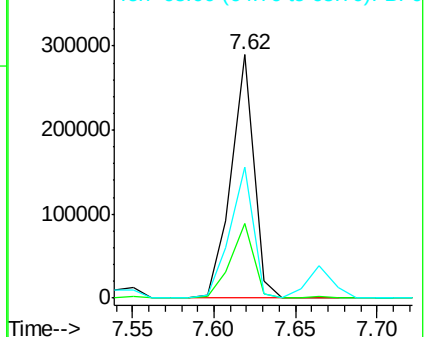
139 100

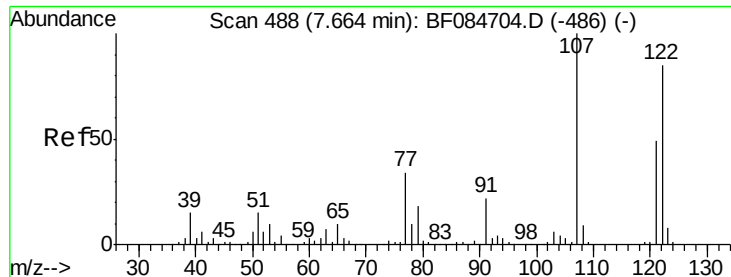
109 30.7 25.4 38.2

65 53.8 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

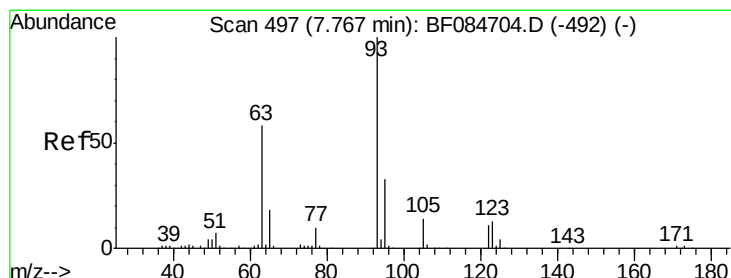
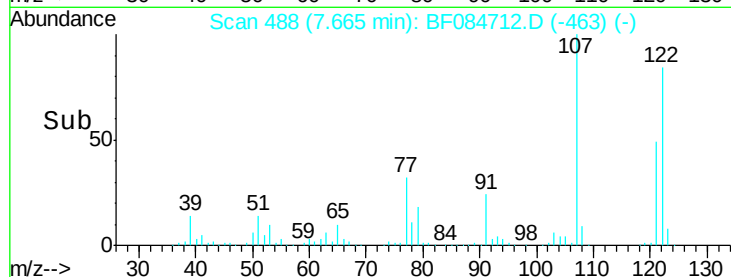
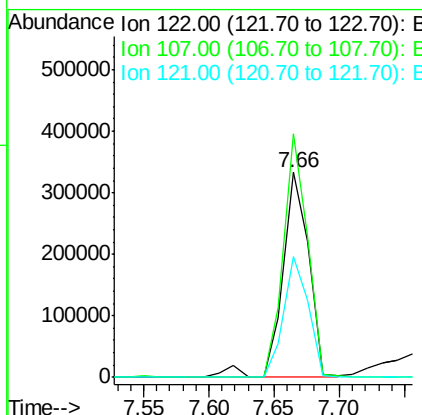
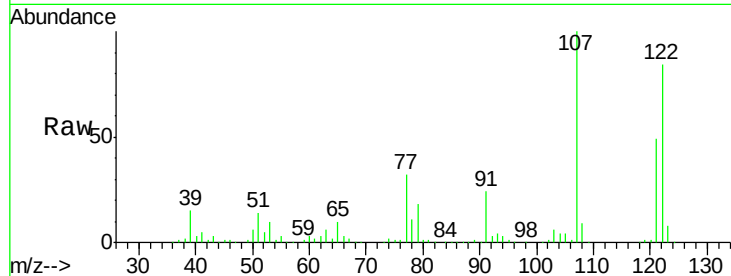




#27
 2,4-Dimethylphenol
 Concen: 40.70 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

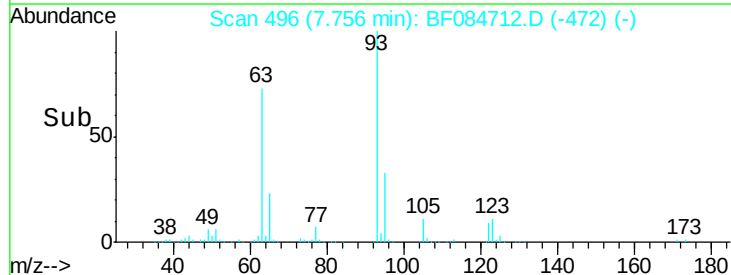
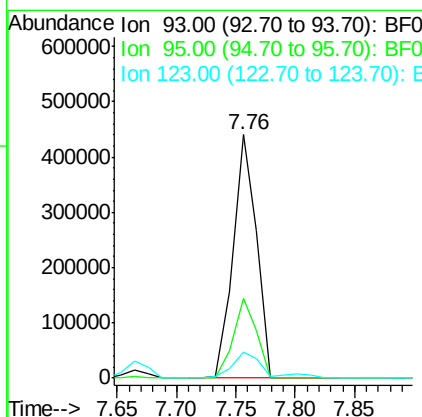
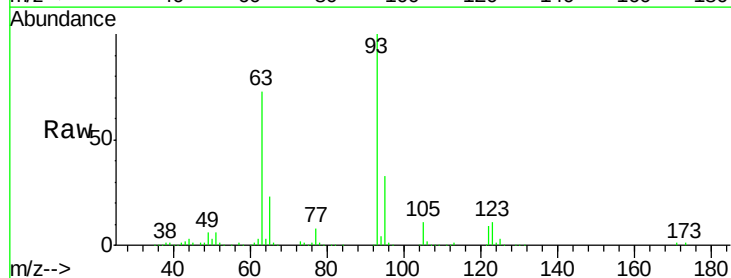
Instrument :
 BNA_F
 ClientSampled :
 PB88012BS

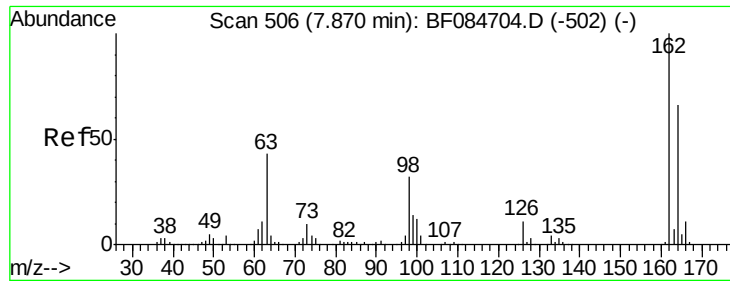
Tgt Ion:122 Resp: 470808
 Ion Ratio Lower Upper
 122 100
 107 118.7 99.1 148.7
 121 58.7 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.02 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion: 93 Resp: 595880
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.6
 123 10.5 8.6 12.8

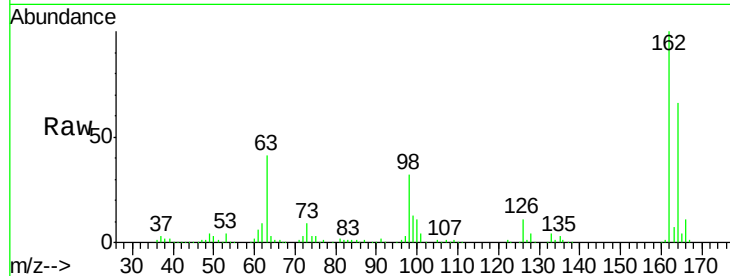




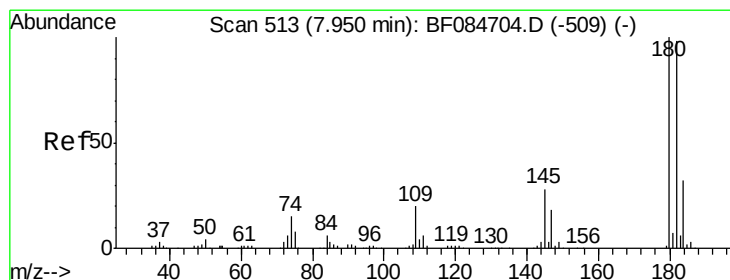
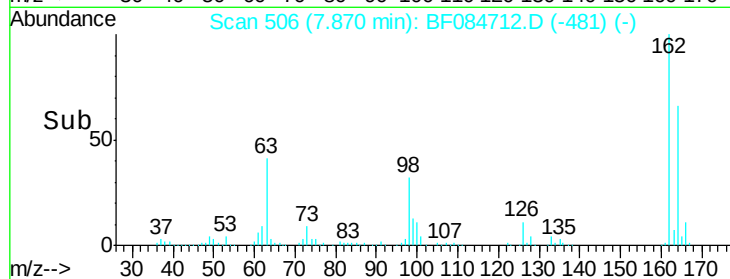
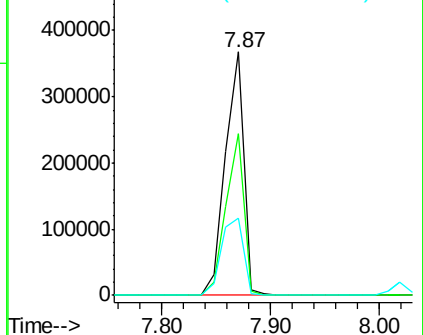
#29
 2,4-Dichlorophenol
 Concen: 43.72 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleID :
 PB88012BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.1	84.1
98	31.9	20.2	60.2

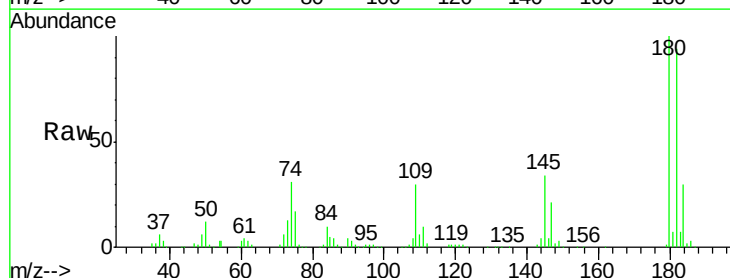


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

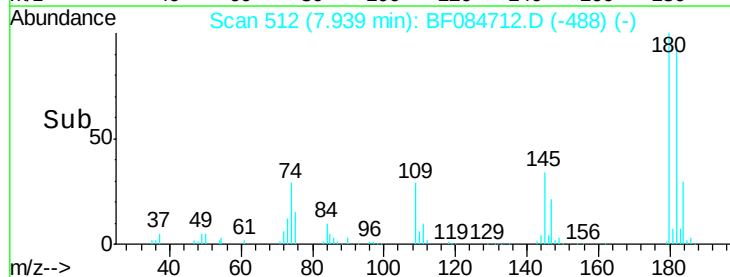
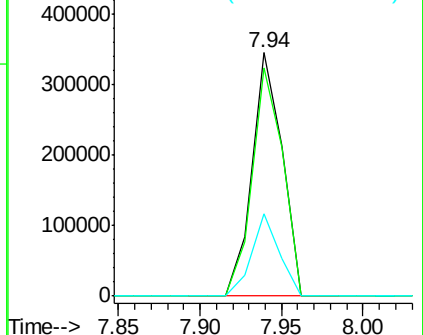


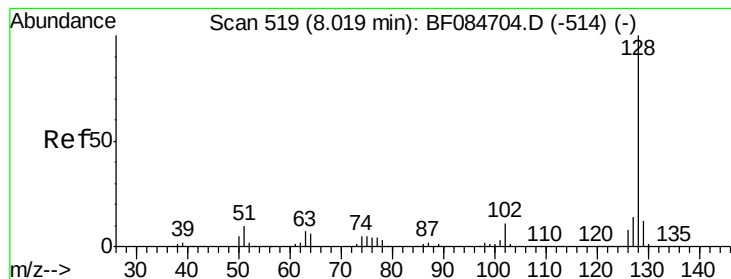
#30
 1,2,4-Trichlorobenzene
 Concen: 39.42 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	33.7	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: 38.75 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

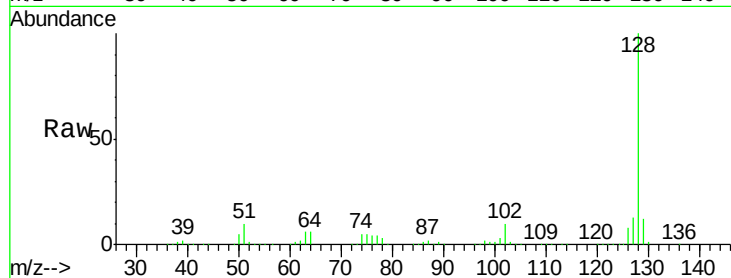
Tgt Ion:128 Resp: 1378602

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

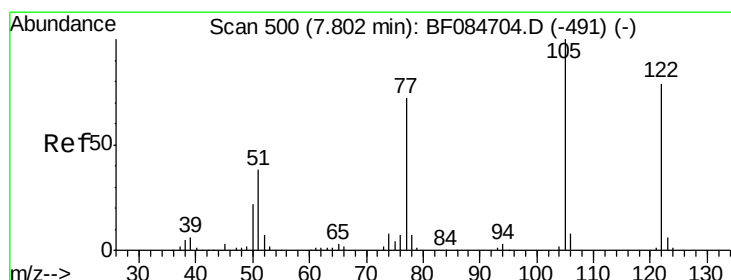
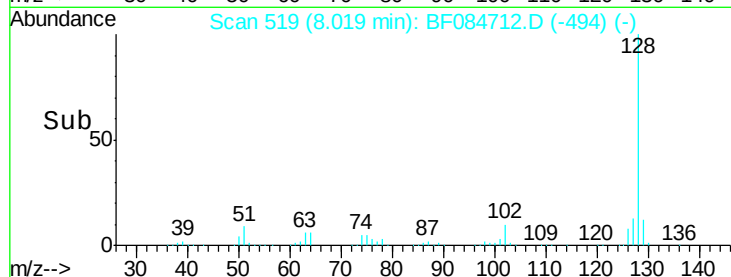
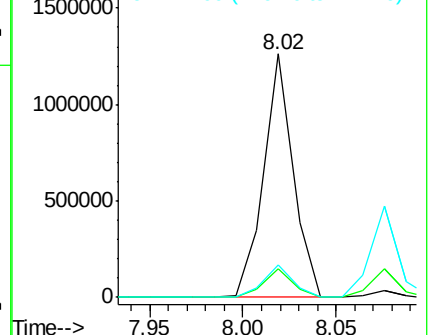
127 13.4 11.1 16.7



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: 41.27 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

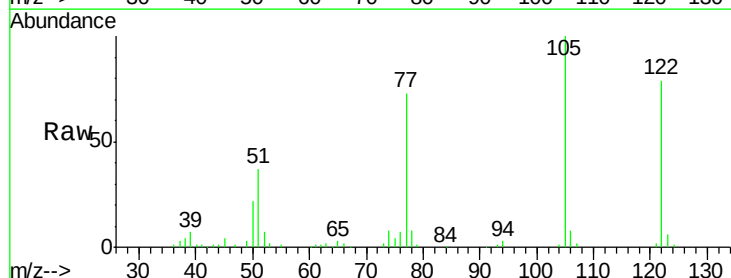
Tgt Ion:122 Resp: 305358

Ion Ratio Lower Upper

122 100

105 126.1 100.3 140.3

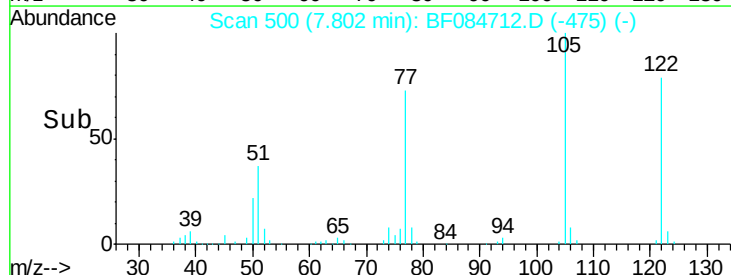
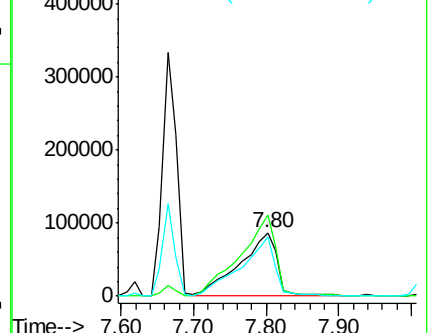
77 92.0 63.5 103.5

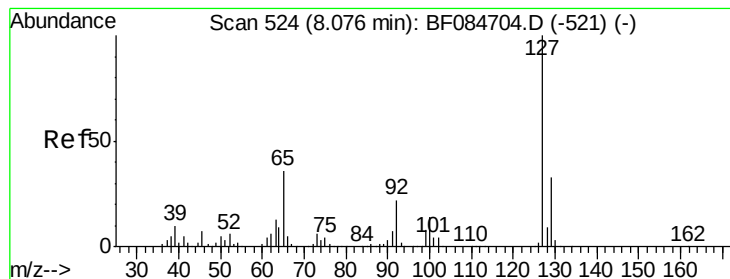


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 32.86 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

Tgt Ion:127 Resp: 483473

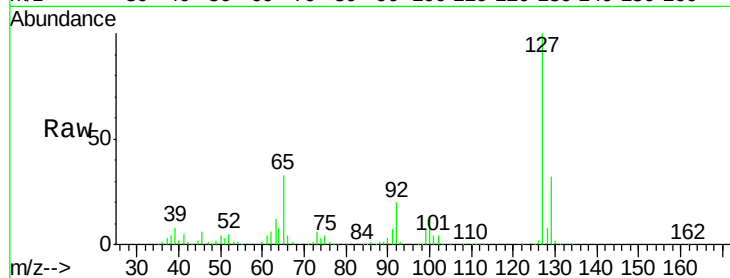
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 33.0 27.2 40.8

92 20.3 17.7 26.5

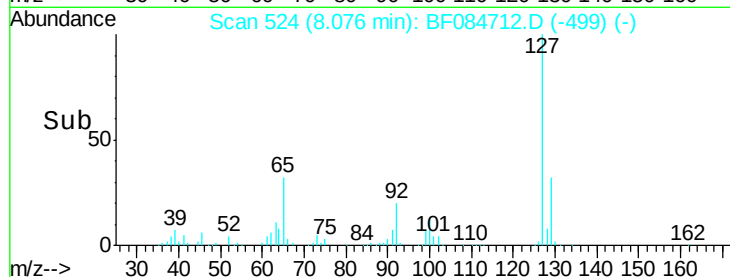


Abundance Ion 127.00 (126.70 to 127.70): E

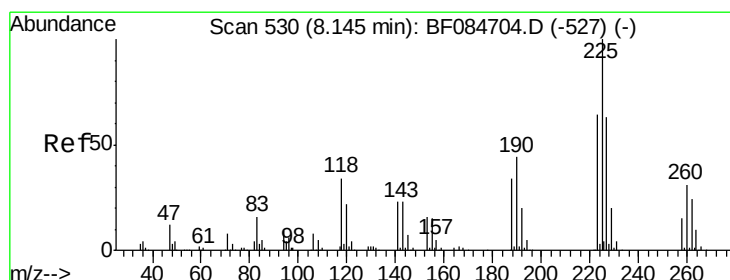
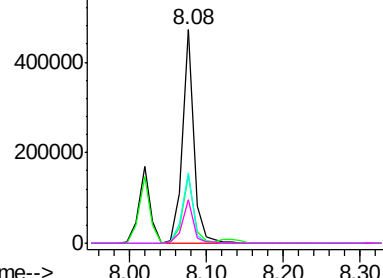
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 40.98 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

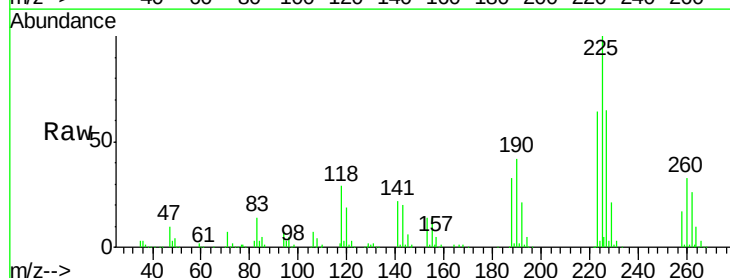
Tgt Ion:225 Resp: 264141

Ion Ratio Lower Upper

225 100

223 64.1 49.4 74.0

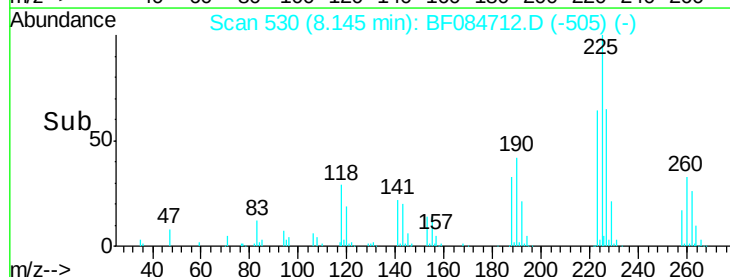
227 65.2 50.8 76.2



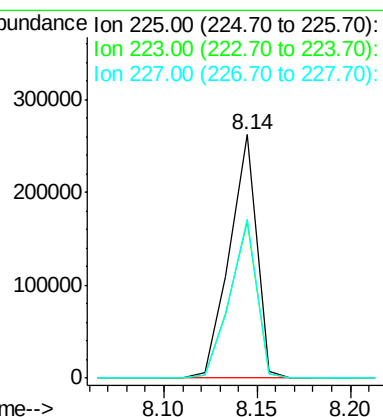
Abundance Ion 225.00 (224.70 to 225.70): E

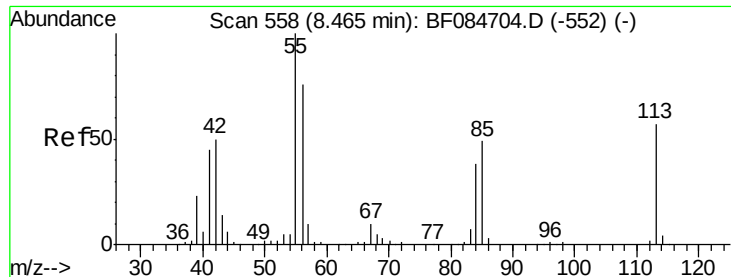
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

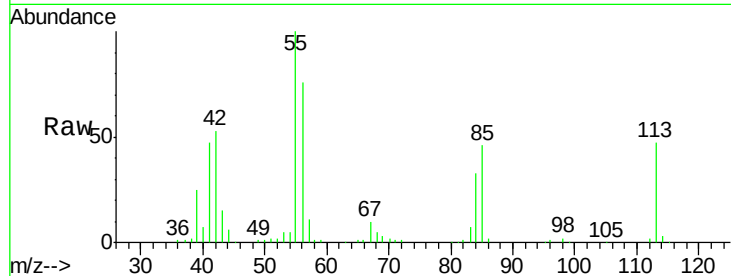




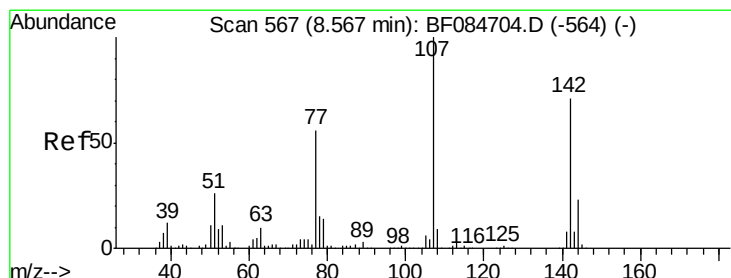
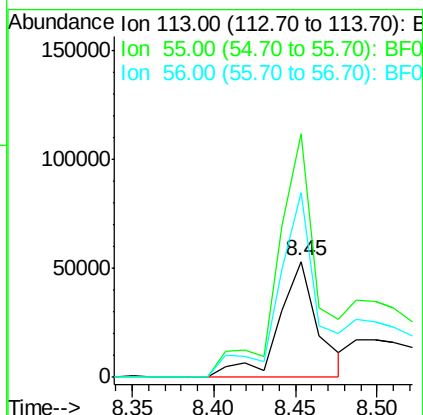
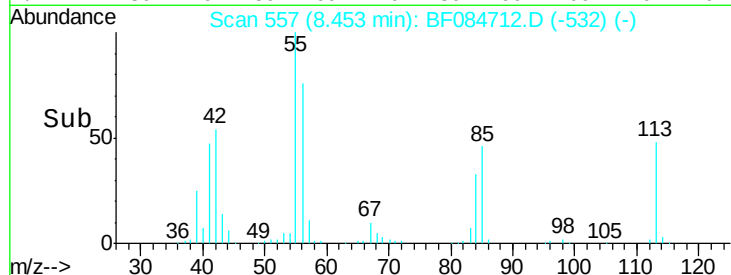
#35
 Caprolactam
 Concen: 29.16 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Tgt Ion:113 Resp: 88958
 Ion Ratio Lower Upper
 113 100
 55 210.6 116.9 156.9#
 56 160.4 93.8 133.8#

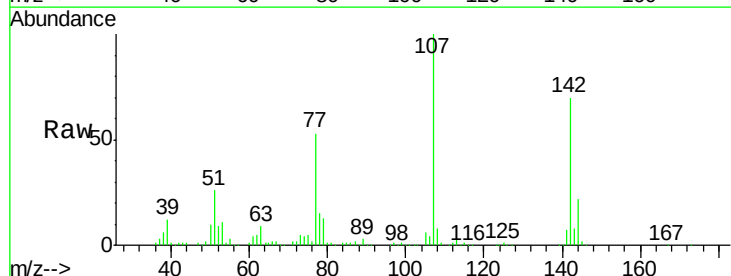


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

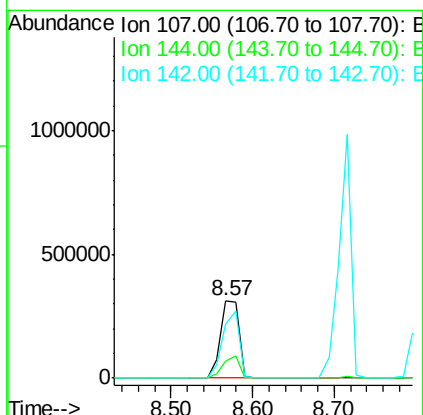
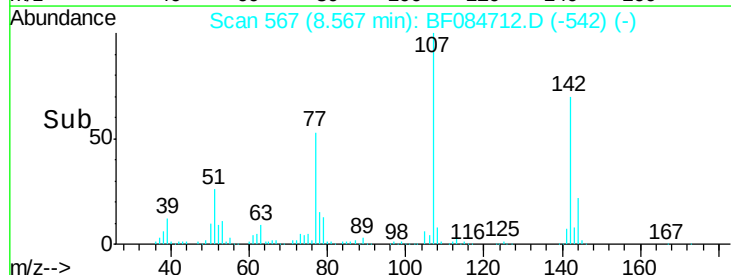


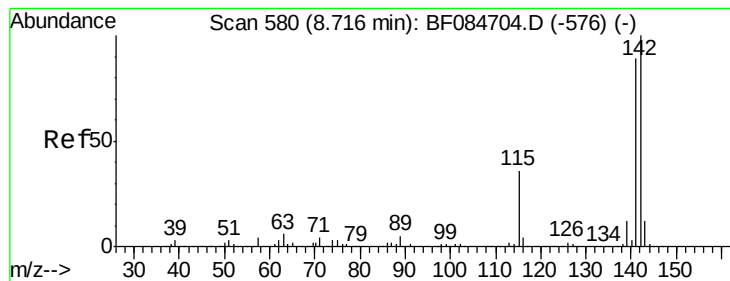
#36
 4-Chloro-3-methylphenol
 Concen: 43.42 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:107 Resp: 490280
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.7 29.5
 142 69.6 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: 47.25 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

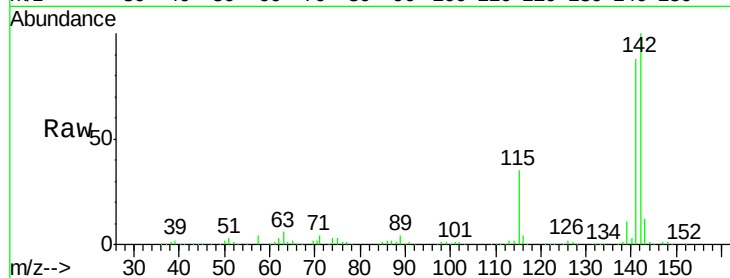
Tgt Ion:142 Resp: 1052150

Ion Ratio Lower Upper

142 100

141 87.9 72.4 108.6

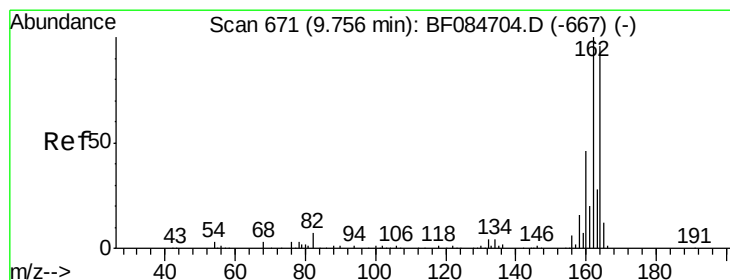
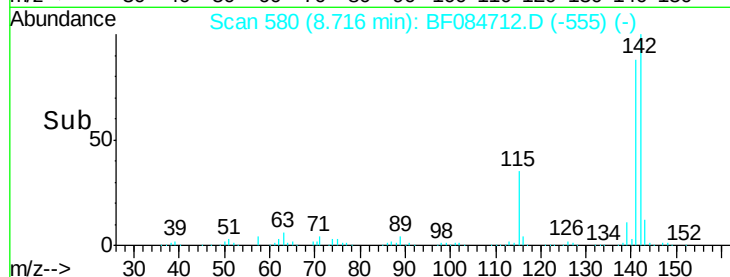
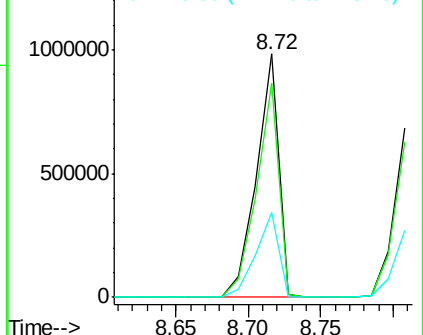
115 34.9 27.9 41.9



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: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

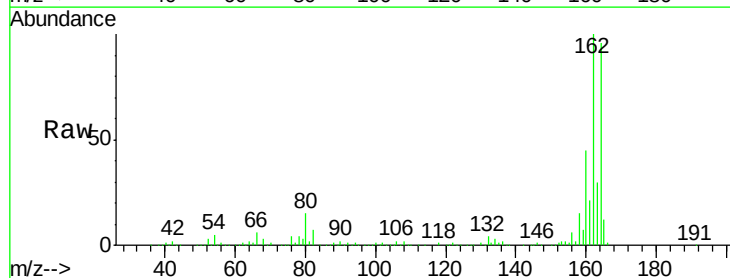
Tgt Ion:164 Resp: 359559

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

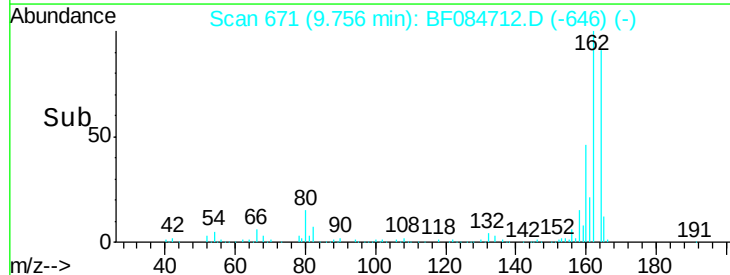
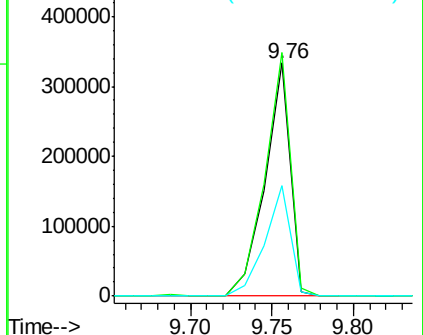
160 47.4 37.5 56.3

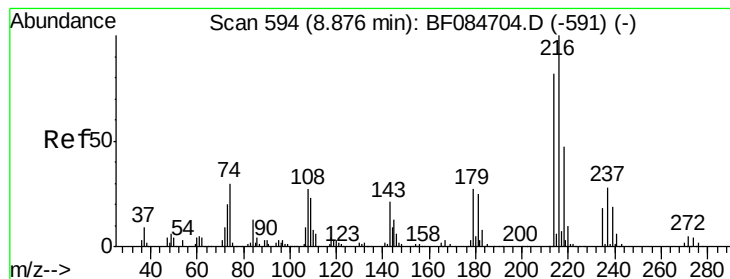


Abundance Ion 164.00 (163.70 to 164.70): E

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: 34.72 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

Tgt Ion:216 Resp: 396463

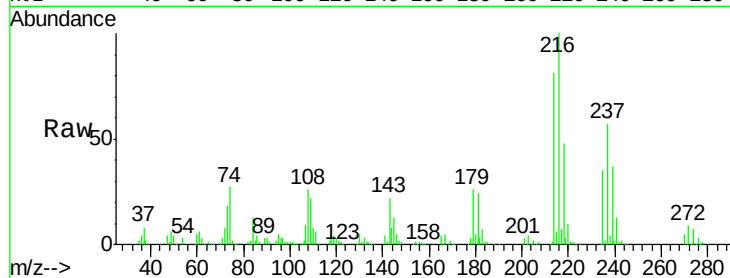
Ion Ratio Lower Upper

216 100

214 78.3 64.2 96.2

179 22.9 18.7 28.1

108 22.8 16.8 25.2

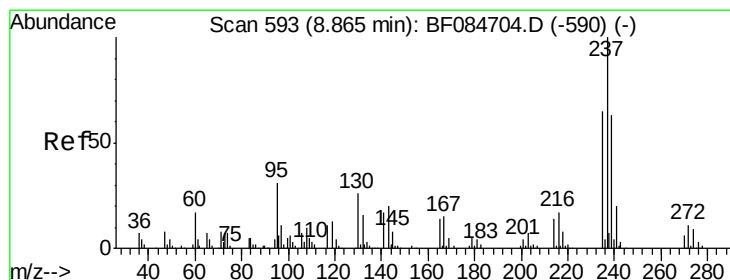
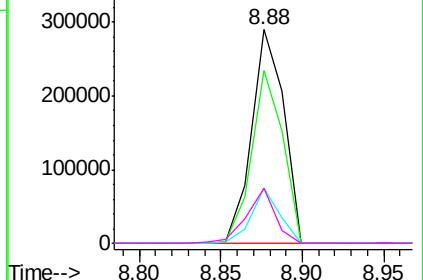
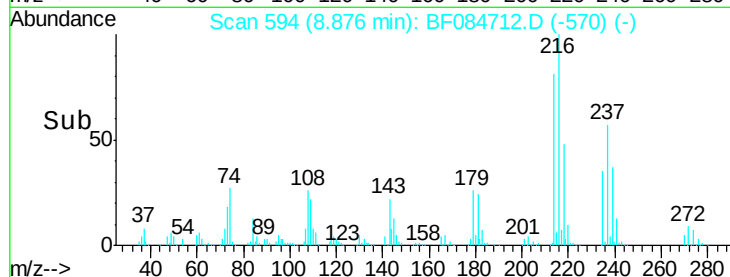


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.49 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

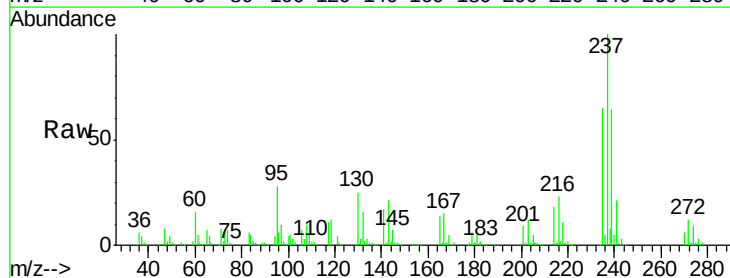
Tgt Ion:237 Resp: 406795

Ion Ratio Lower Upper

237 100

235 65.0 43.1 83.1

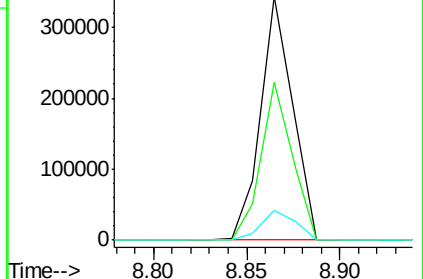
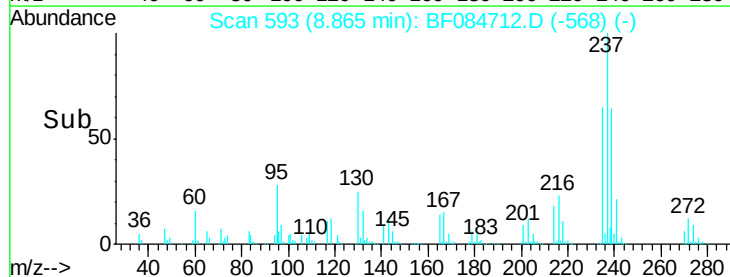
272 12.3 0.0 35.1

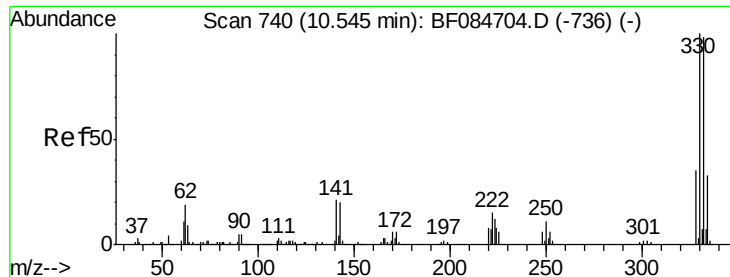


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

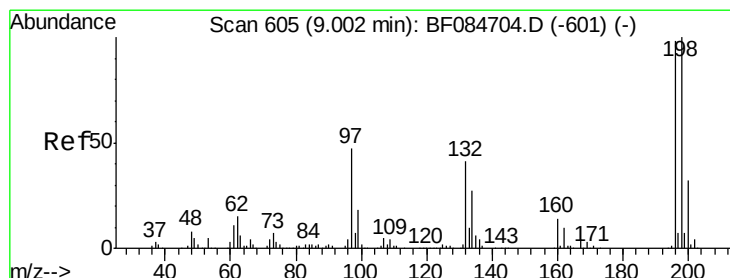
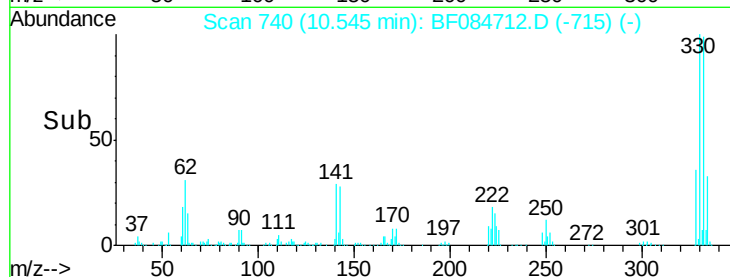
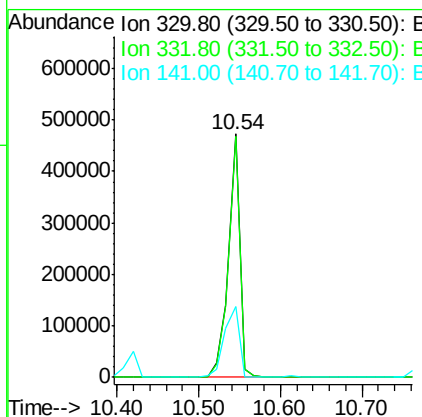
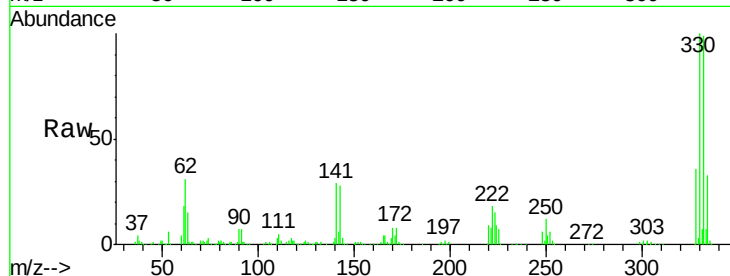




#41
 2,4,6-Tribromophenol
 Concen: 122.42 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

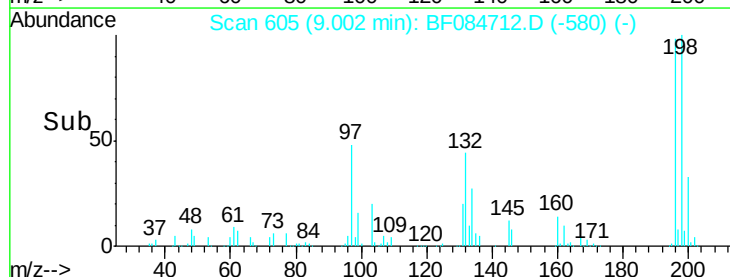
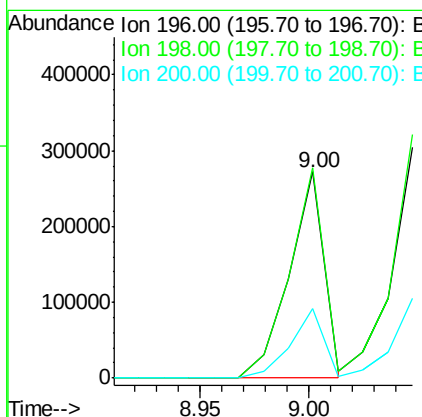
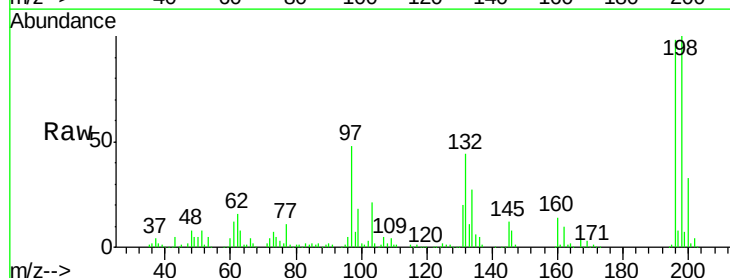
Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

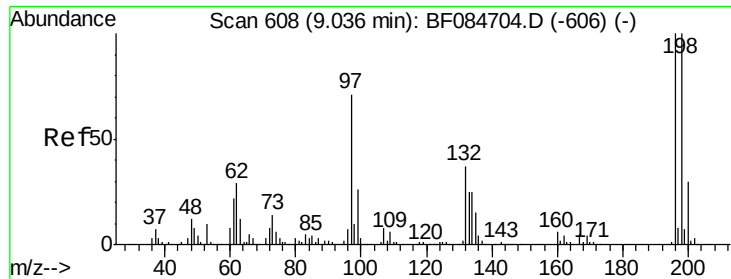
Tgt Ion:330 Resp: 459123
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 38.1 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:196 Resp: 303644
 Ion Ratio Lower Upper
 196 100
 198 102.4 77.7 116.5
 200 34.0 24.6 37.0

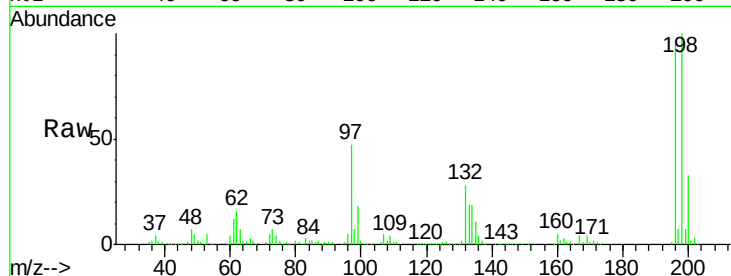




#43
 2,4,5-Trichlorophenol
 Concen: 39.38 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.7	79.0	118.6
97	49.7	33.0	49.6
132	30.0	21.1	31.7



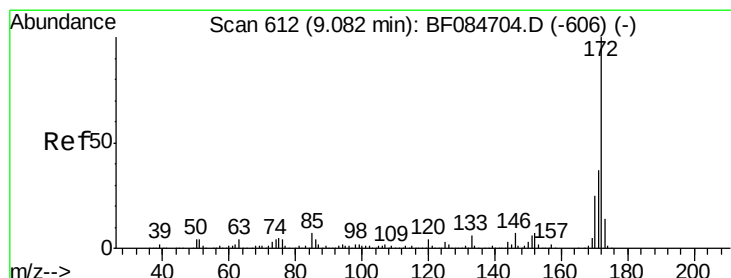
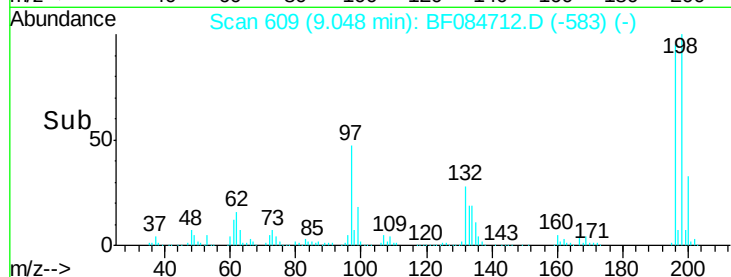
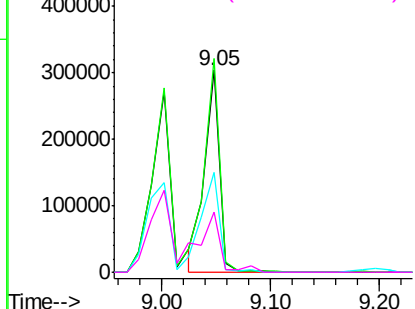
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

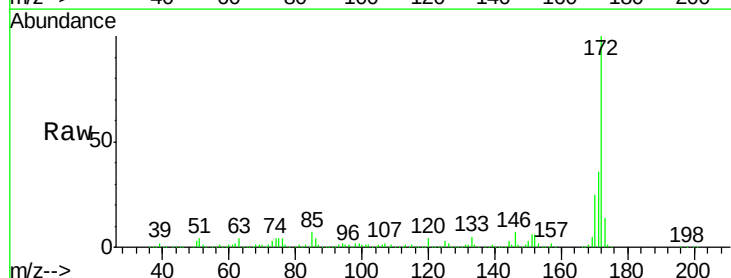
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.79 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	25.1	18.6	27.8

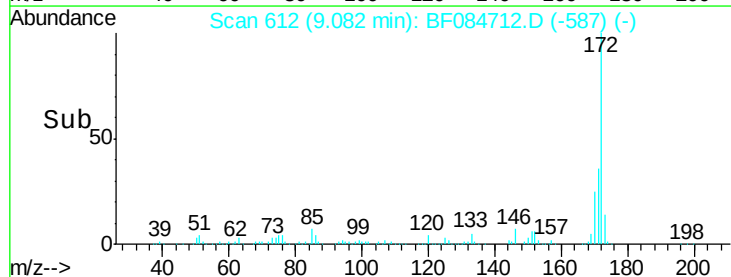
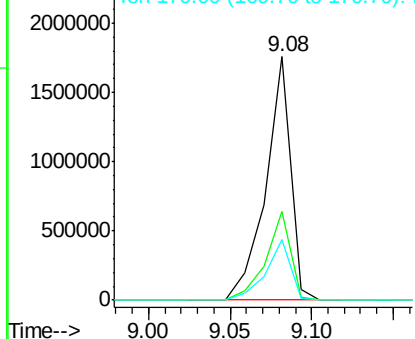


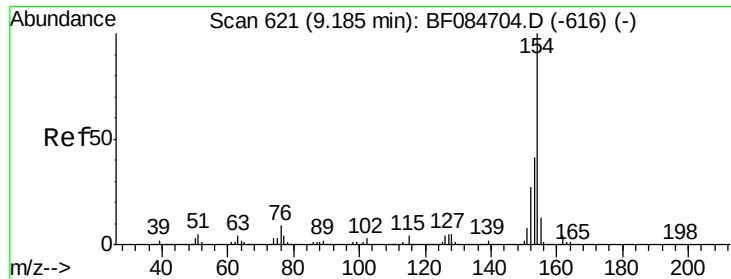
Abundance

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

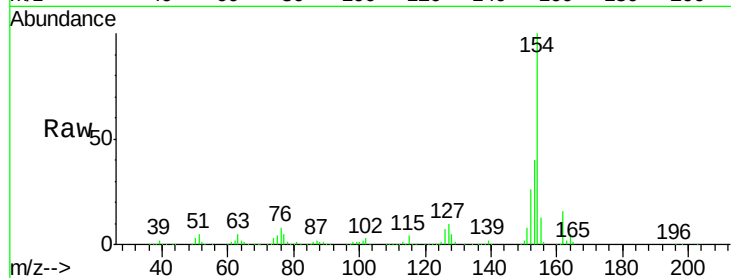




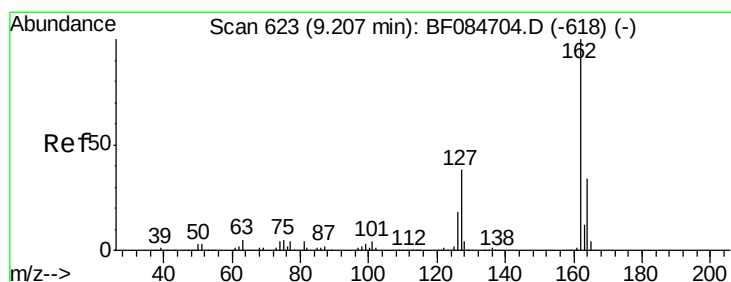
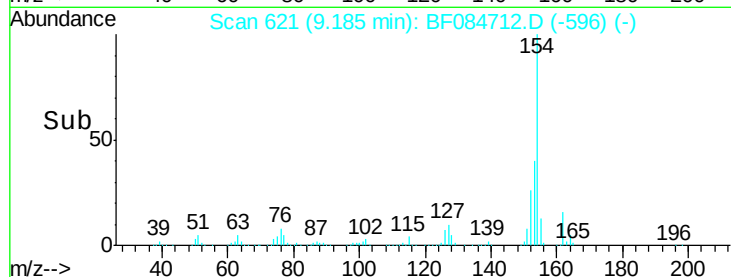
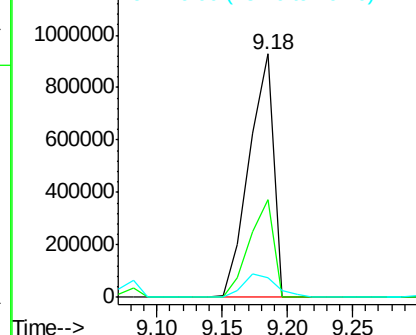
#45
 1,1'-Biphenyl
 Concen: 37.67 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Tgt Ion:154 Resp: 1209938
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.6 61.6
 76 8.1 0.0 32.7

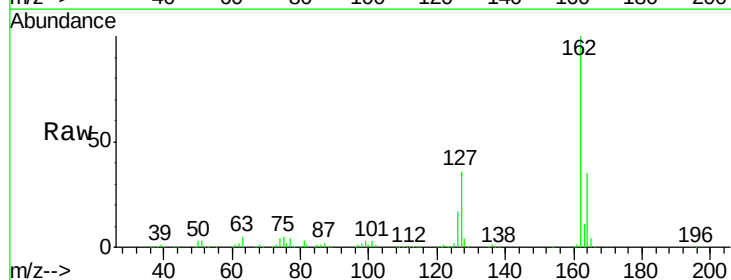


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

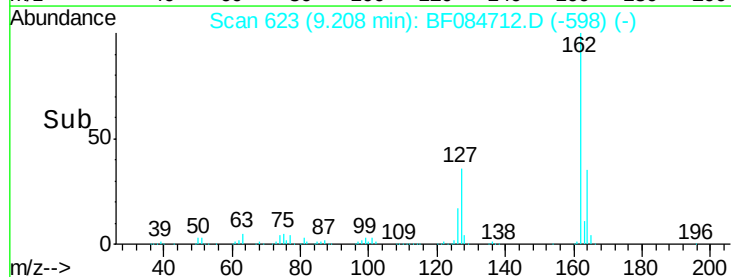
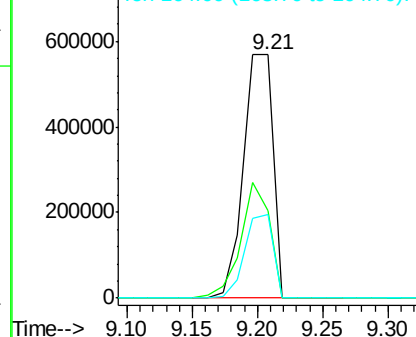


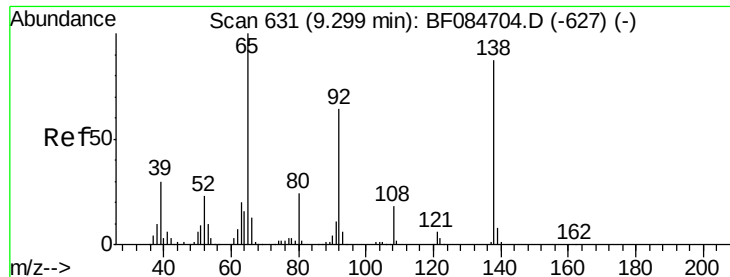
#46
 2-Chloronaphthalene
 Concen: 37.63 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:162 Resp: 889998
 Ion Ratio Lower Upper
 162 100
 127 35.7 40.2 60.4#
 164 34.6 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

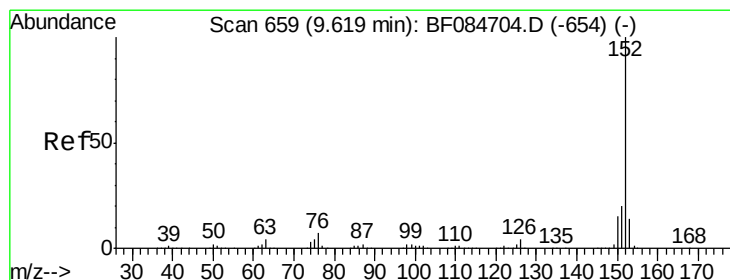
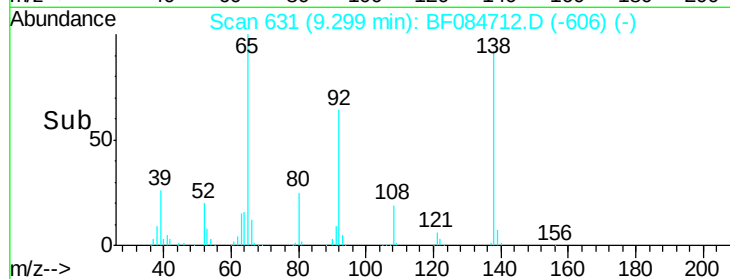
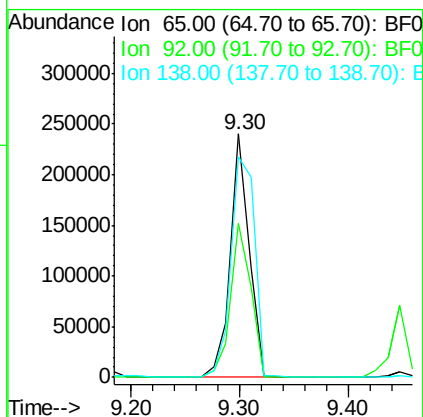
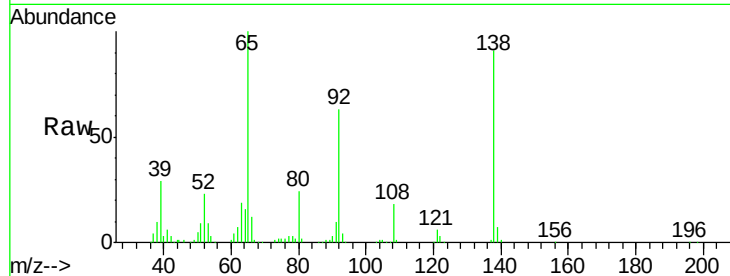




#47
2-Nitroaniline
Concen: 38.08 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

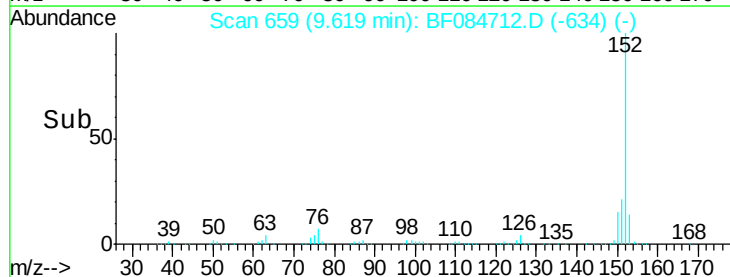
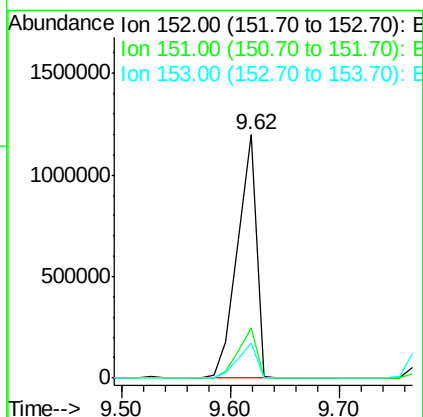
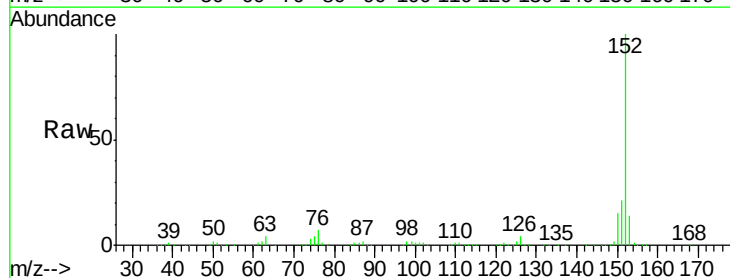
Instrument :
BNA_F
ClientSampleId :
PB88012BS

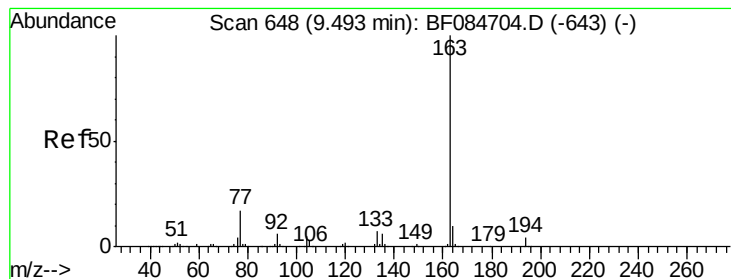
Tgt Ion: 65 Resp: 285151
Ion Ratio Lower Upper
65 100
92 63.5 53.4 80.2
138 90.8 71.1 106.7



#48
Acenaphthylene
Concen: 39.78 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

Tgt Ion: 152 Resp: 1427572
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.1 10.4 15.6





#49

Dimethylphthalate

Concen: 41.53 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

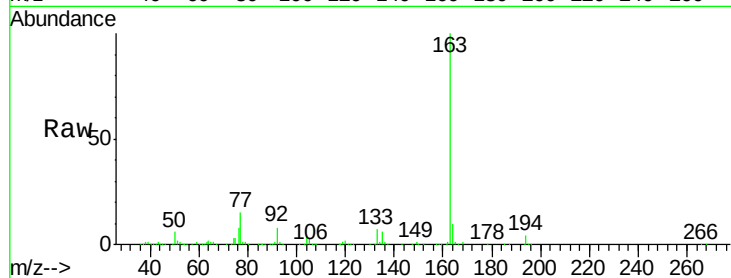
Tgt Ion:163 Resp: 1137412

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

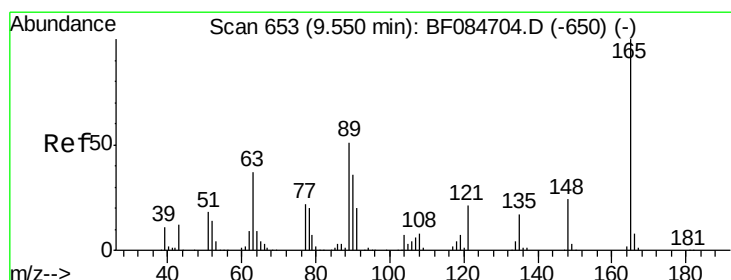
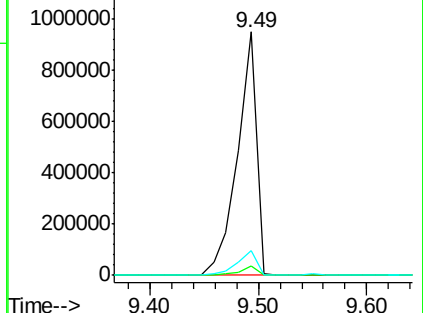
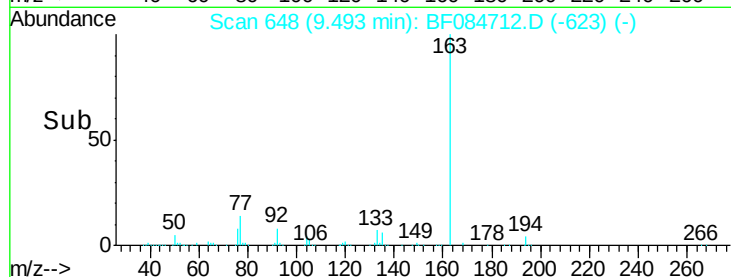
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.27 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

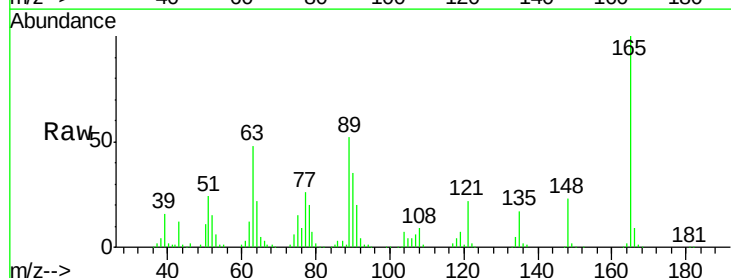
Tgt Ion:165 Resp: 258853

Ion Ratio Lower Upper

165 100

63 47.5 28.8 43.2#

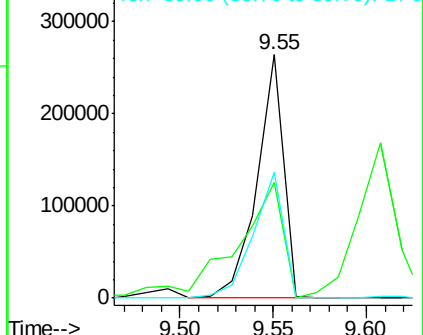
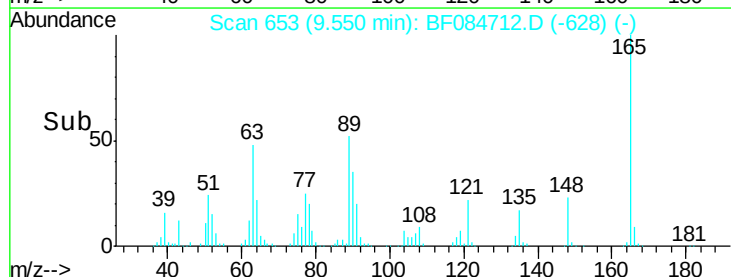
89 51.9 35.1 52.7

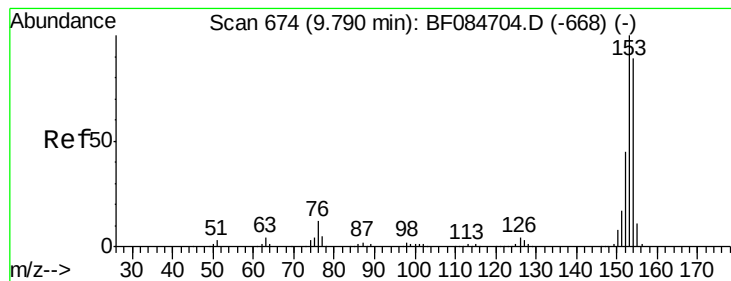


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.84 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

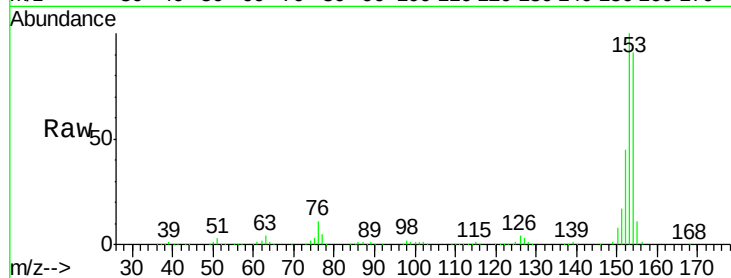
Tgt Ion:154 Resp: 930216

Ion Ratio Lower Upper

154 100

153 110.4 91.5 137.3

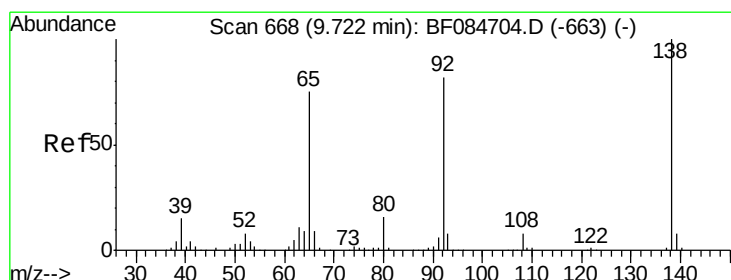
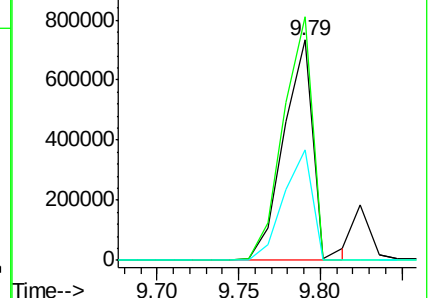
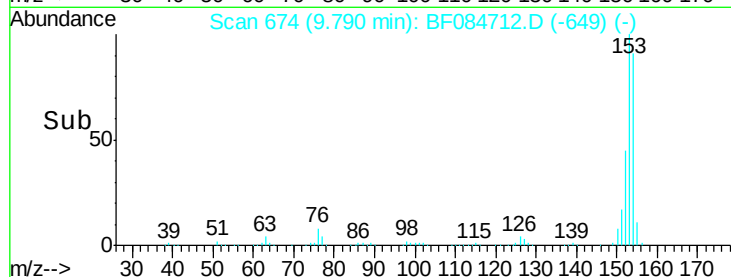
152 50.1 43.0 64.6



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: 29.88 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

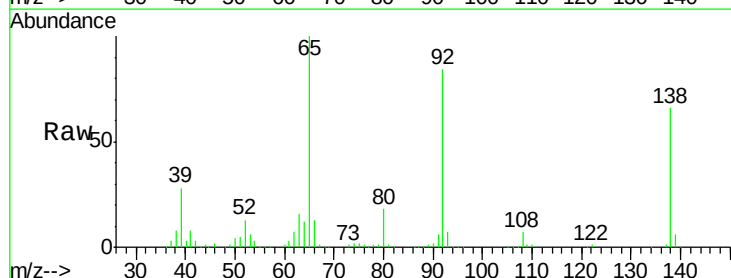
Tgt Ion:138 Resp: 200884

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

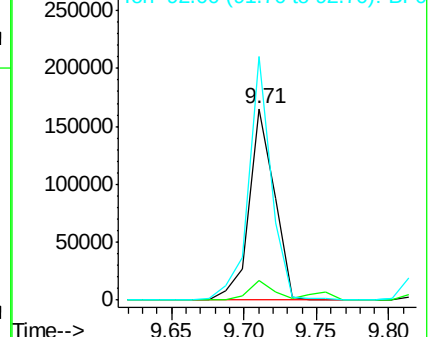
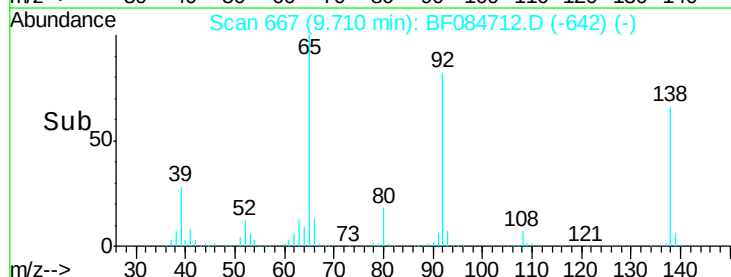
92 127.4 103.9 155.9

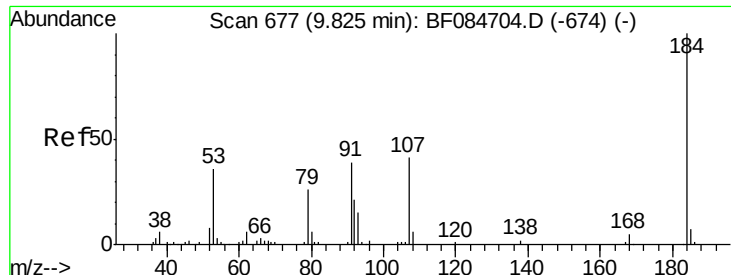


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

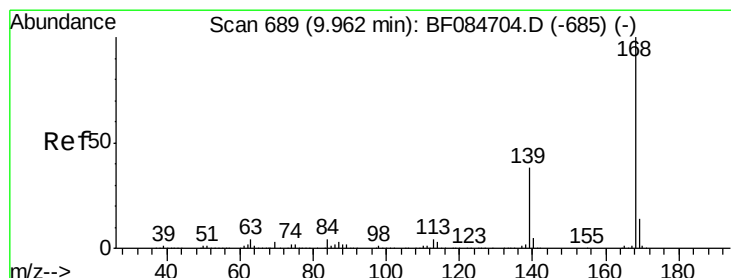
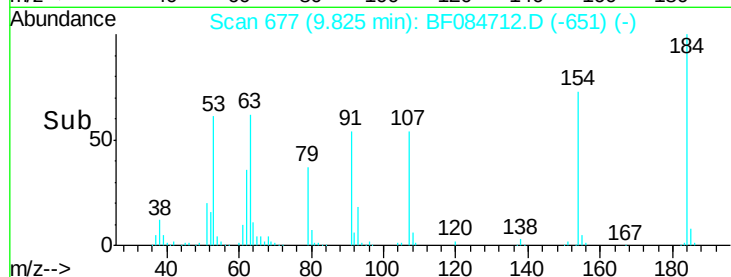
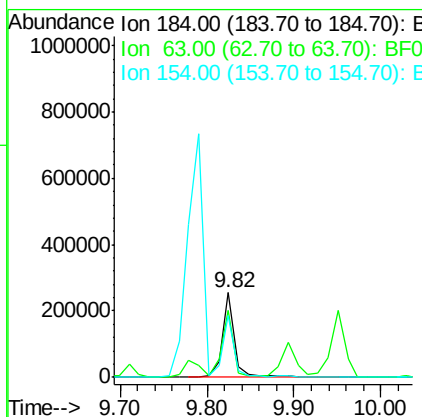
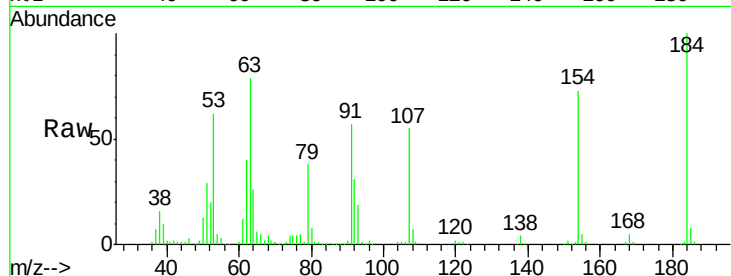




#53
 2,4-Dinitrophenol
 Concen: 90.96 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

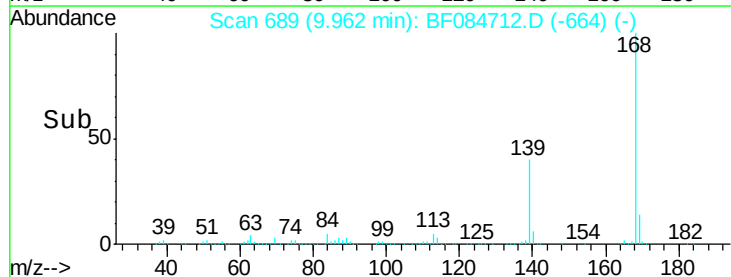
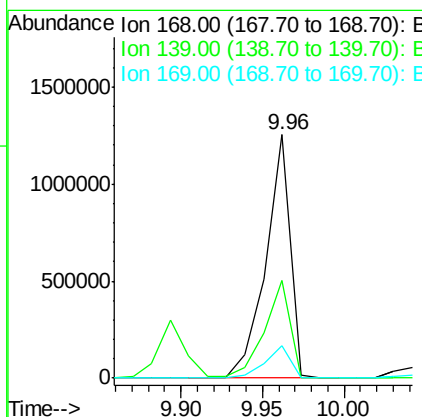
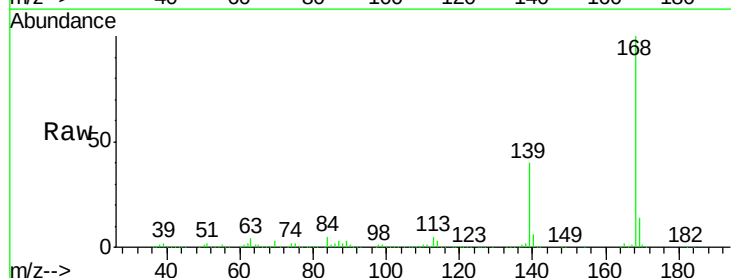
Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

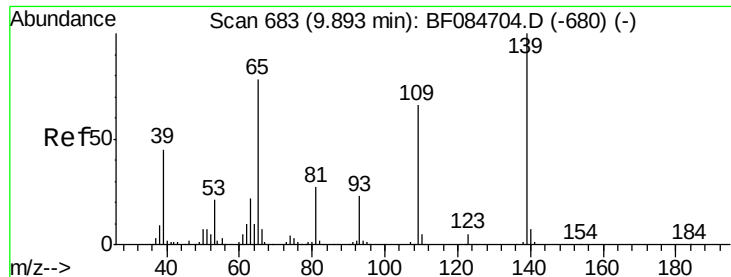
Tgt Ion:184 Resp: 253517
 Ion Ratio Lower Upper
 184 100
 63 79.3 43.1 64.7#
 154 73.1 60.5 90.7



#54
 Dibenzofuran
 Concen: 45.77 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:168 Resp: 1306270
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.5 45.7
 169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 70.89 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

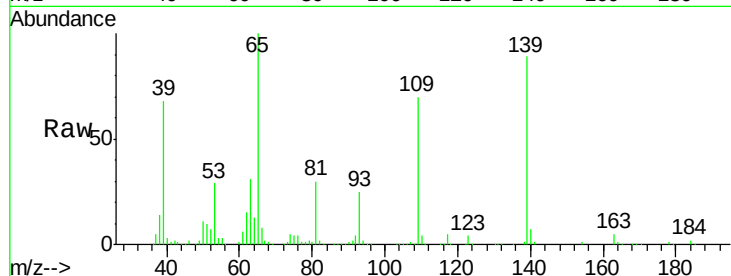
Tgt Ion:139 Resp: 350220

Ion Ratio Lower Upper

139 100

109 78.3 58.5 98.5

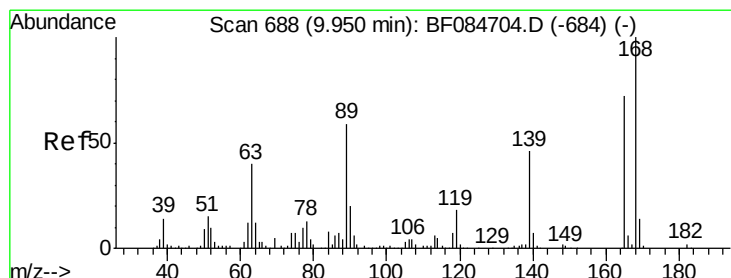
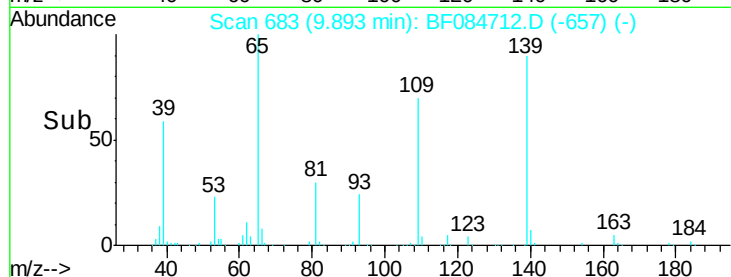
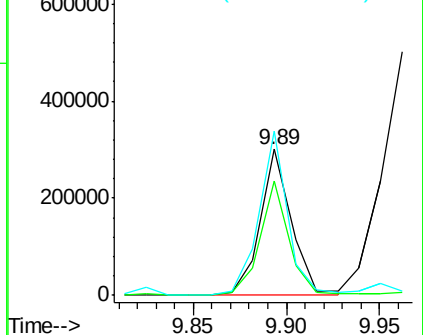
65 112.6 57.6 97.6#



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: 40.21 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Tgt Ion:165 Resp: 306843

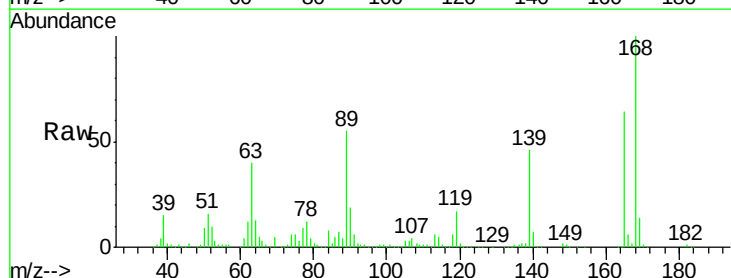
Ion Ratio Lower Upper

165 100

63 62.9 36.7 55.1#

89 86.6 61.9 92.9

182 2.1 2.0 3.0

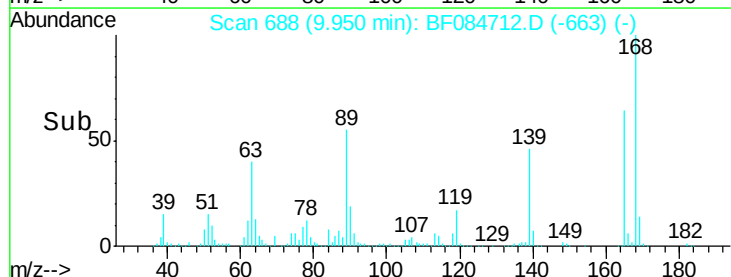
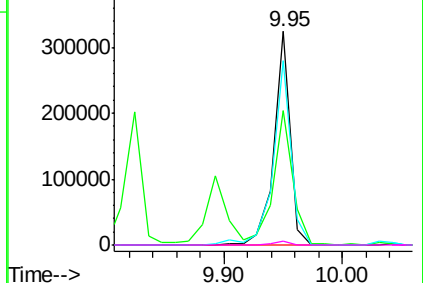


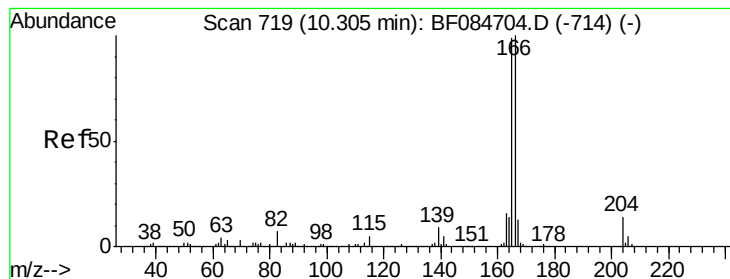
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.69 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

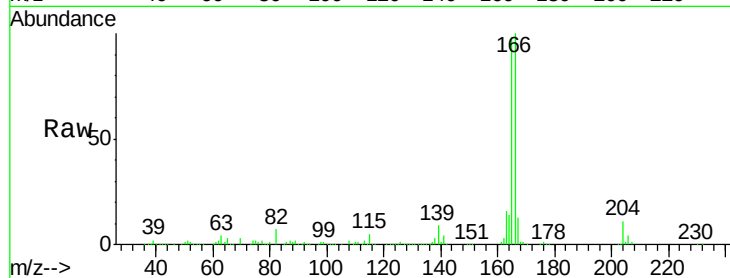
Tgt Ion:166 Resp: 1017423

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

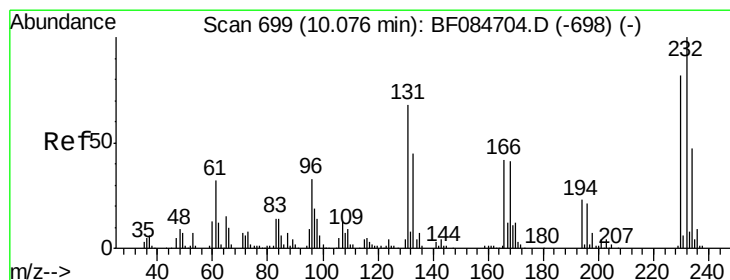
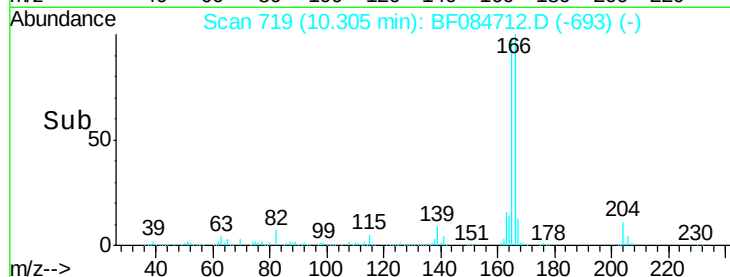
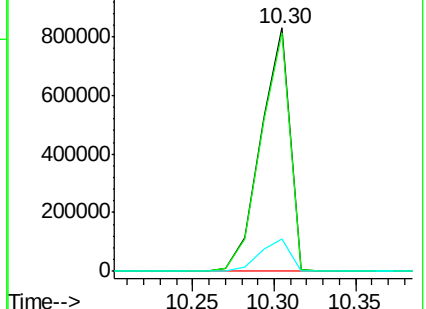
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.68 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Tgt Ion:232 Resp: 237179

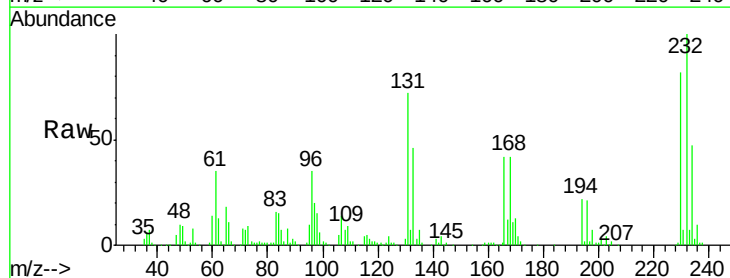
Ion Ratio Lower Upper

232 100

131 52.9 47.0 70.6

130 2.4 2.0 3.0

166 33.6 30.5 45.7

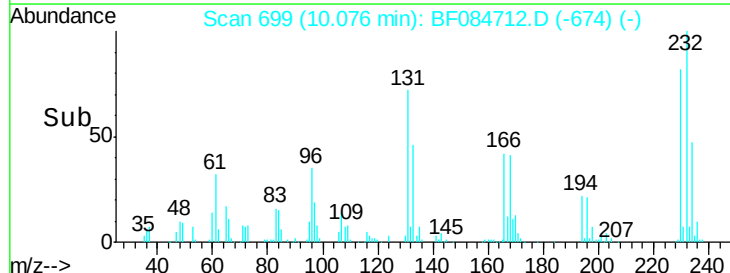
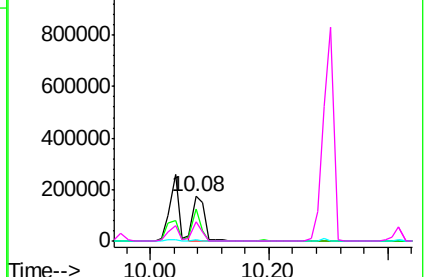


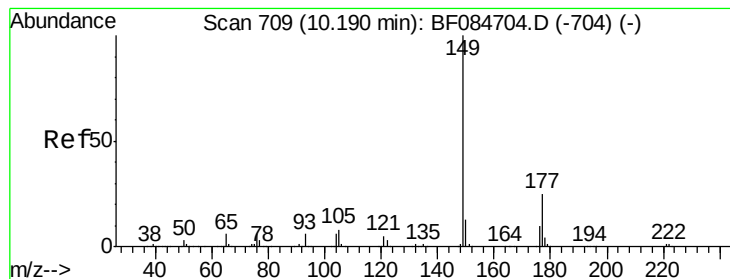
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.54 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

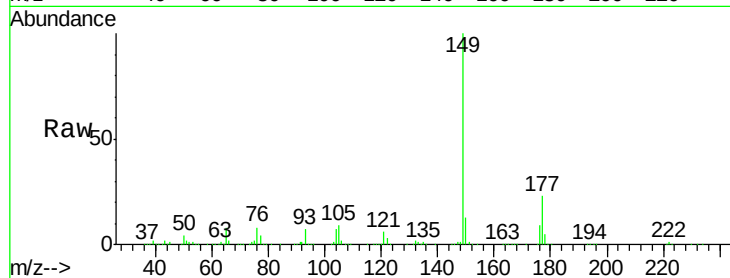
Tgt Ion:149 Resp: 1137559

Ion Ratio Lower Upper

149 100

177 23.4 17.3 25.9

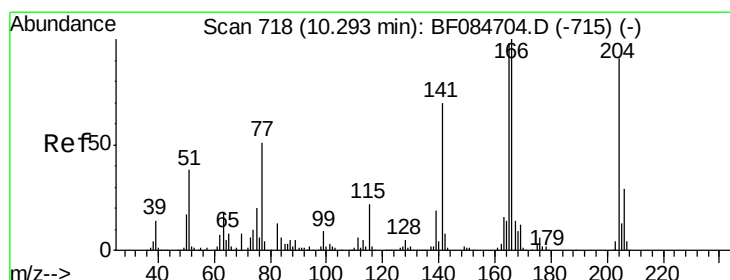
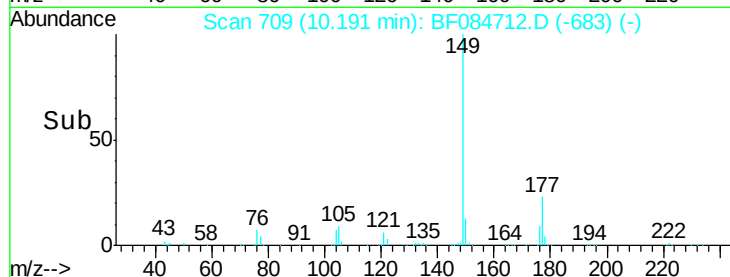
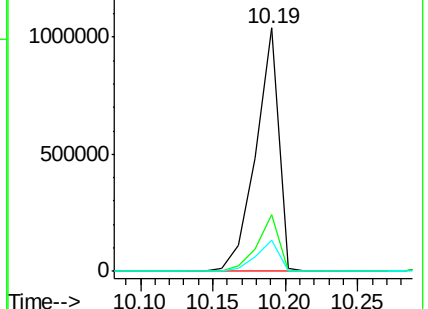
150 12.6 9.8 14.8



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: 42.35 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

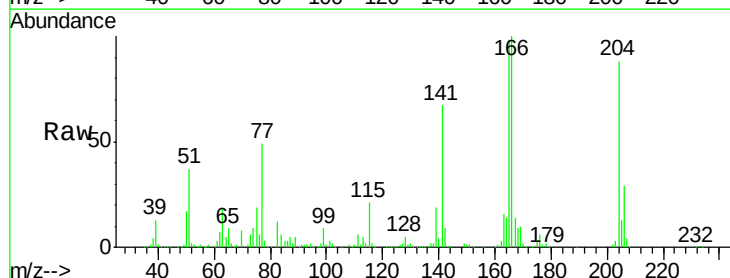
Tgt Ion:204 Resp: 428272

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

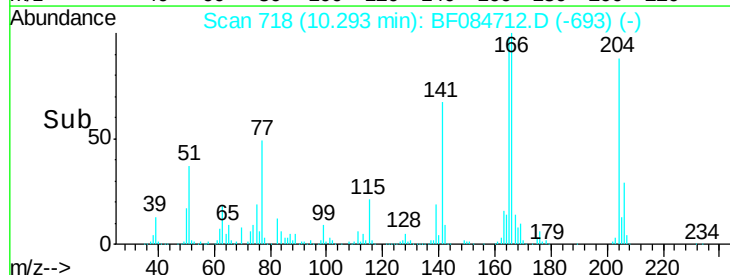
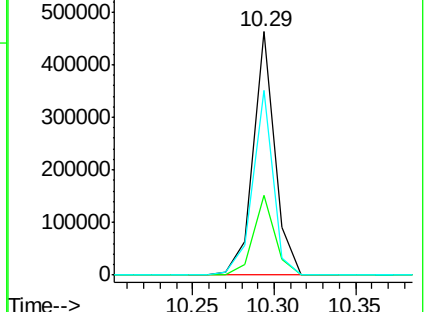
141 75.9 55.1 82.7

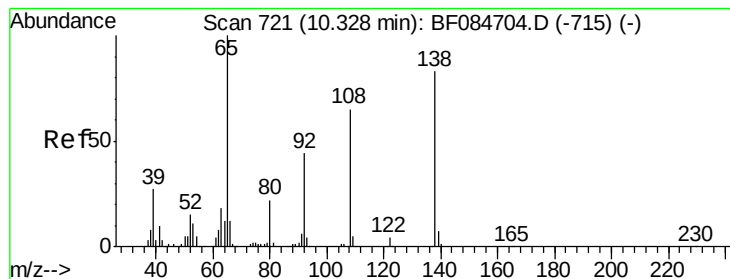


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

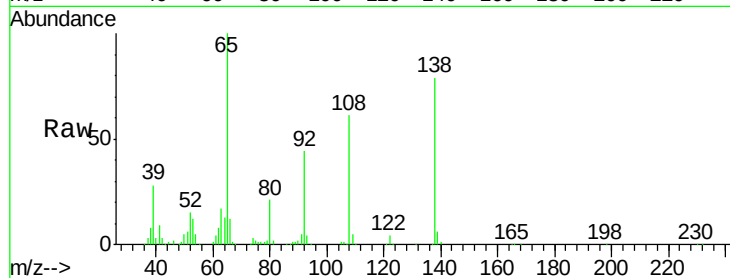




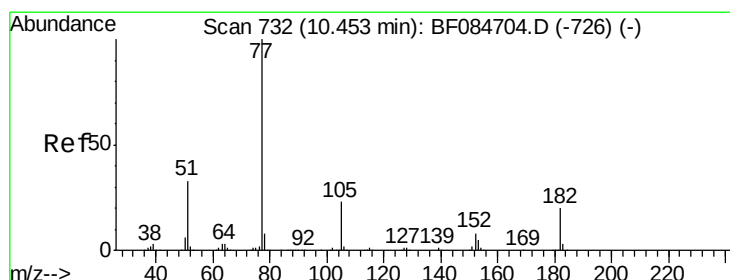
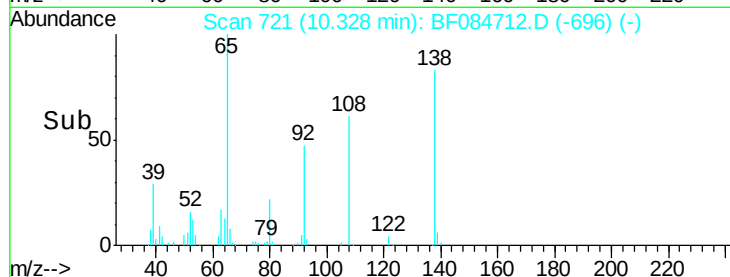
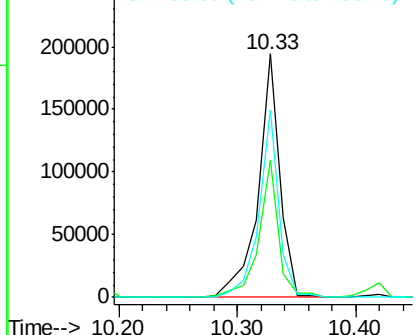
#61
4-Nitroaniline
Concen: 37.92 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

Instrument :
BNA_F
ClientSampleId :
PB88012BS

Tgt Ion:138 Resp: 248423
Ion Ratio Lower Upper
138 100
92 56.5 32.6 72.6
108 77.1 68.6 108.6

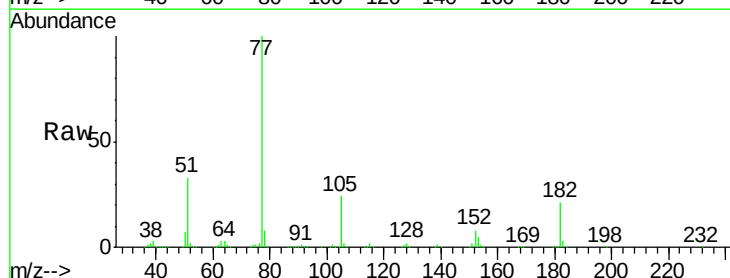


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

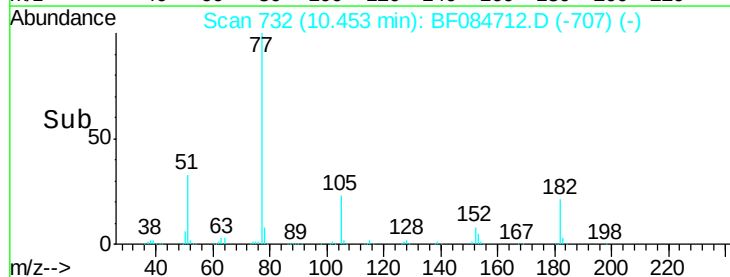
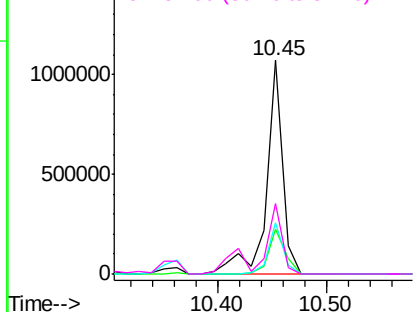


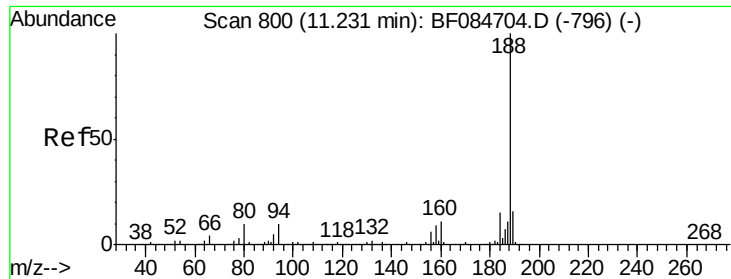
#62
Azobenzene
Concen: 43.31 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

Tgt Ion: 77 Resp: 1113604
Ion Ratio Lower Upper
77 100
182 21.1 8.3 48.3
105 24.0 4.6 44.6
51 33.0 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

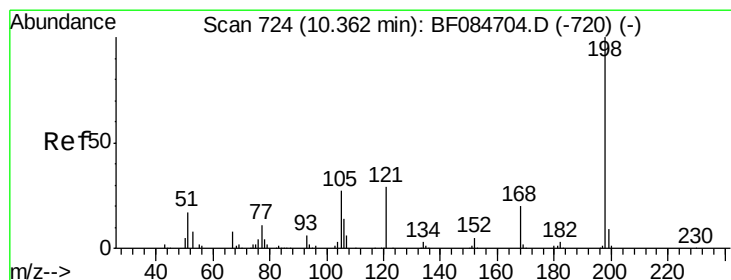
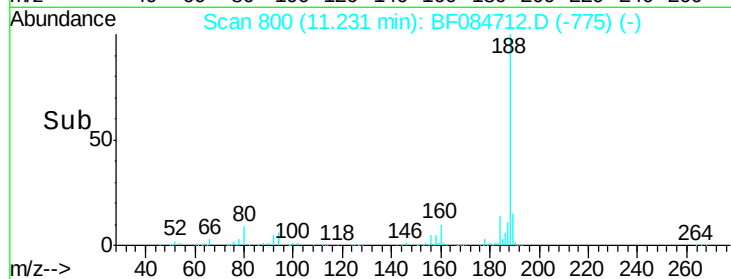
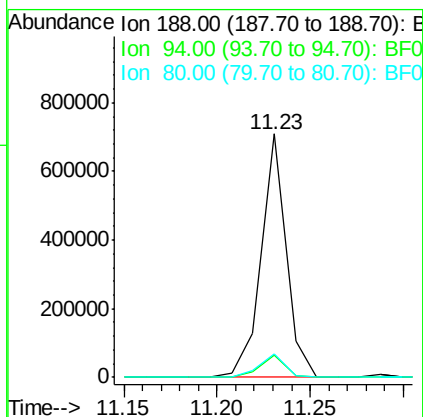
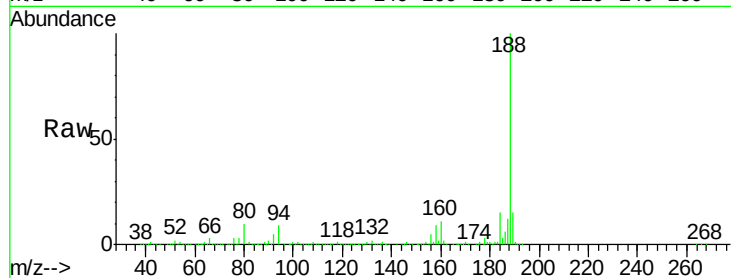




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

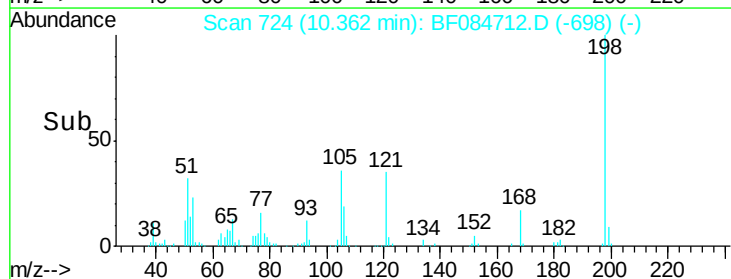
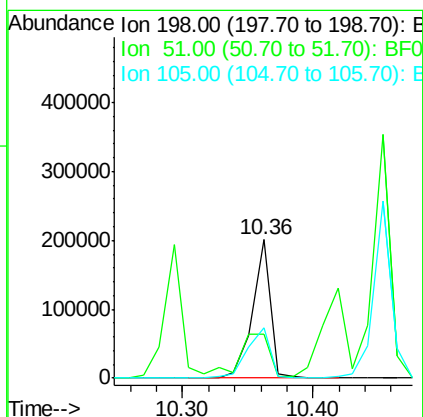
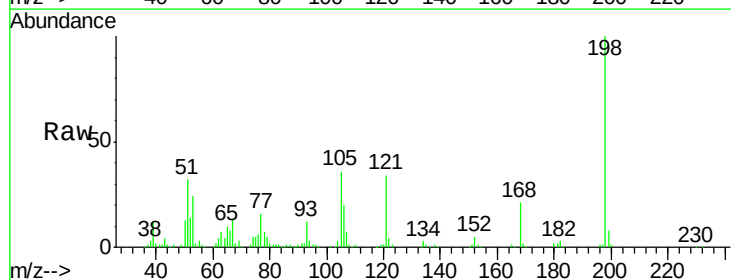
Instrument :
BNA_F
ClientSampleId :
PB88012BS

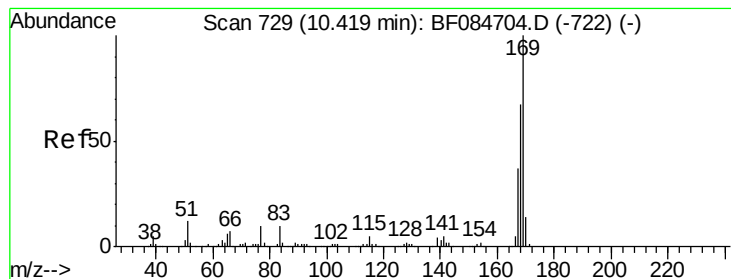
Tgt Ion:188 Resp: 653877
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.16 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

Tgt Ion:198 Resp: 194368
Ion Ratio Lower Upper
198 100
51 31.8 18.9 58.9
105 36.3 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 44.76 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

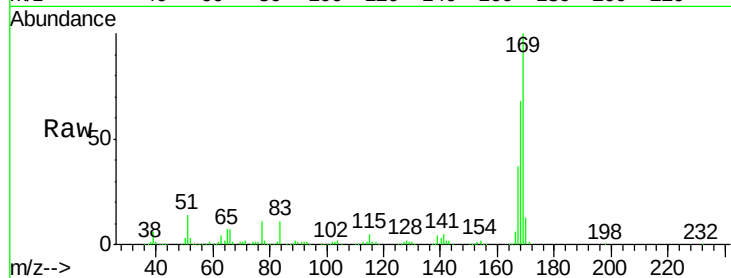
Tgt Ion:169 Resp: 929385

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

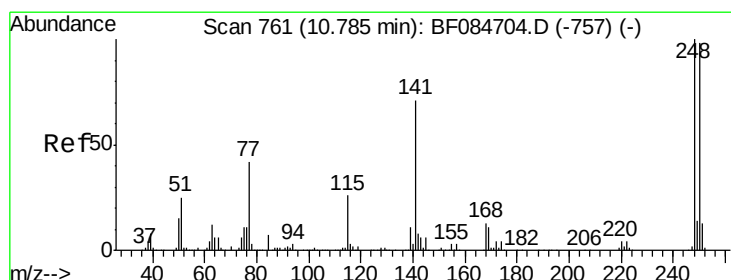
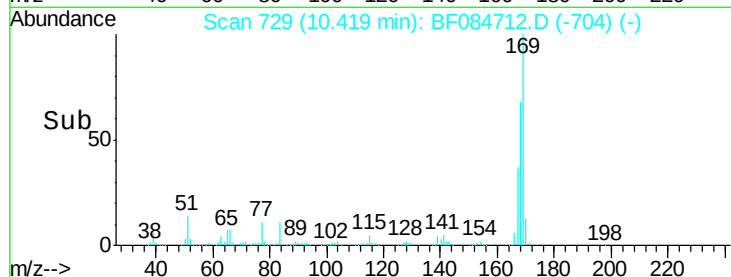
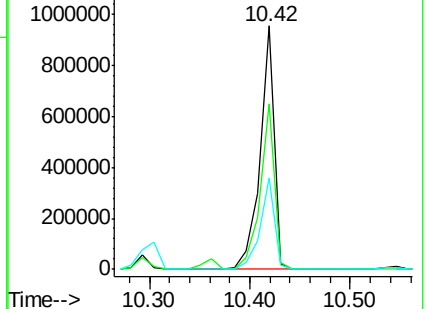
167 37.4 30.0 45.0



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: 42.78 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

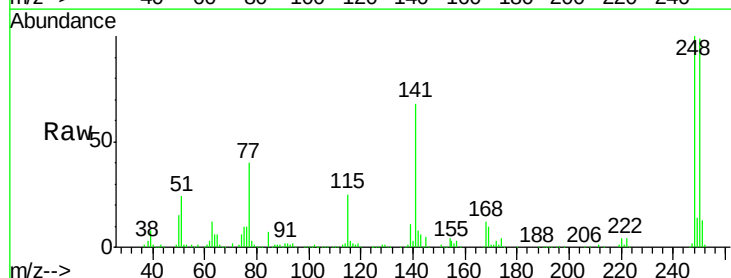
Tgt Ion:248 Resp: 308995

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

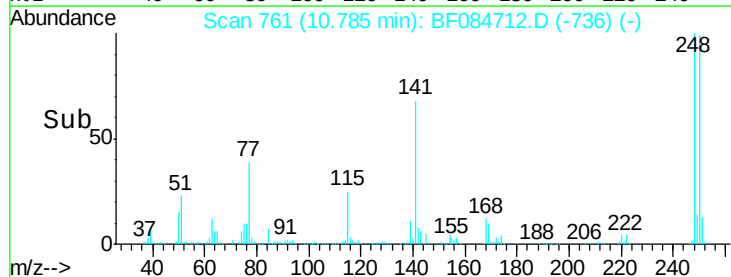
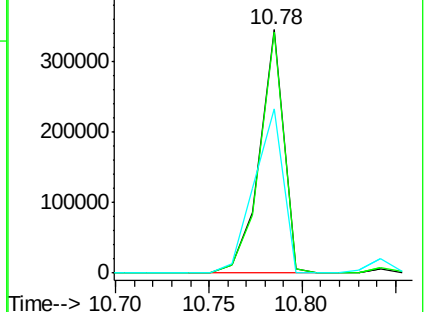
141 67.6 44.0 66.0#

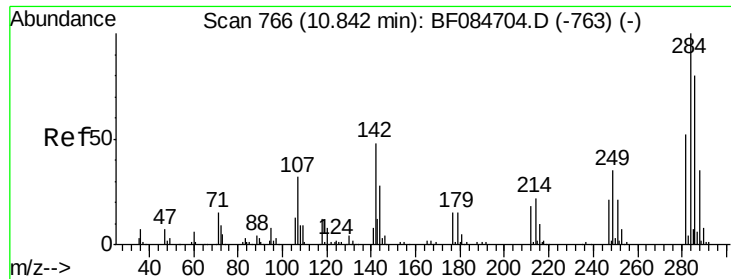


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.63 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

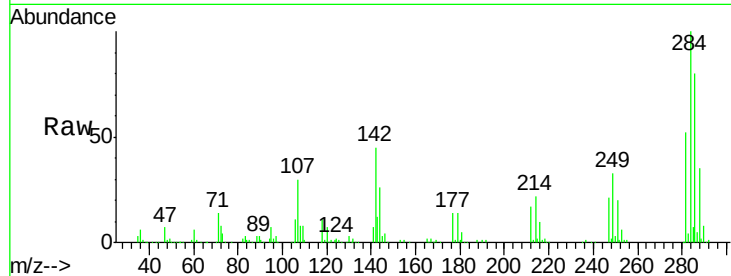
Tgt Ion:284 Resp: 311870

Ion Ratio Lower Upper

284 100

142 44.7 22.2 33.4#

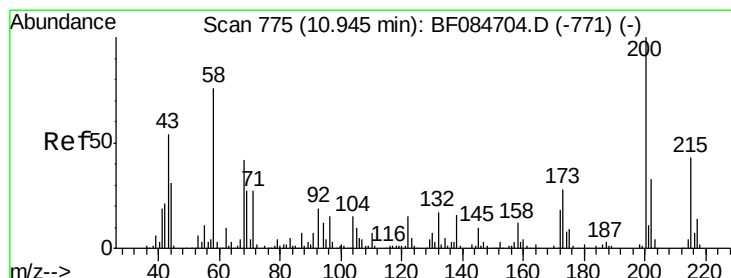
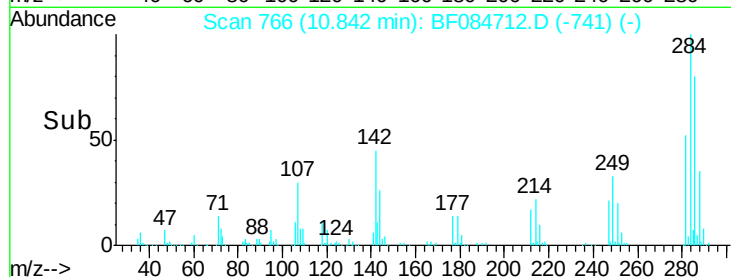
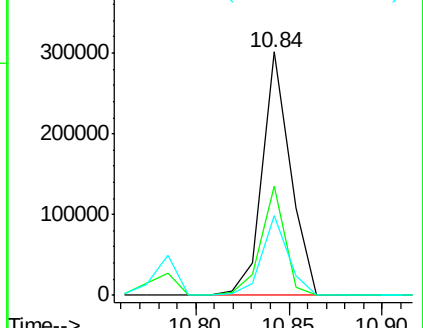
249 32.9 24.6 37.0



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: 40.40 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

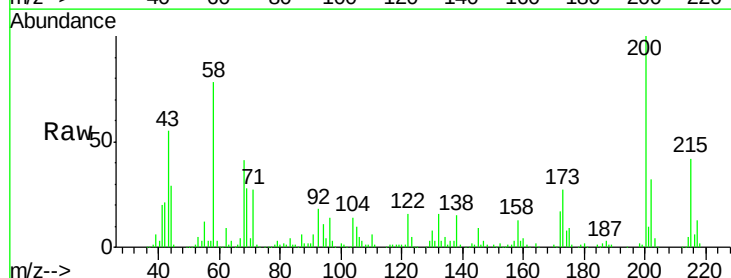
Tgt Ion:200 Resp: 264882

Ion Ratio Lower Upper

200 100

173 27.3 9.5 49.5

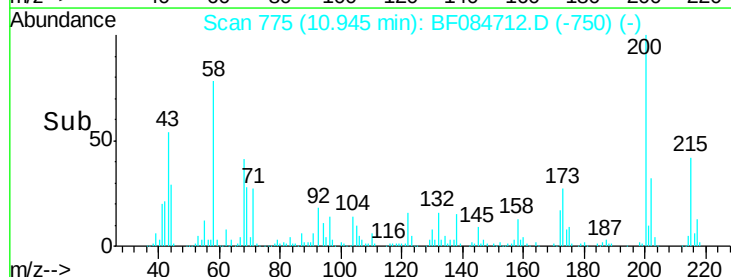
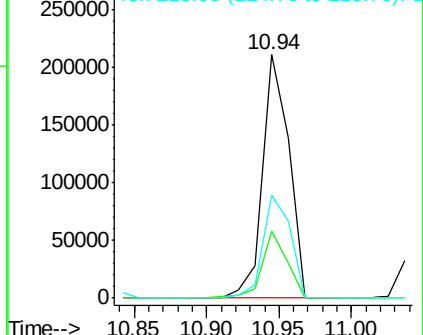
215 42.2 23.8 63.8

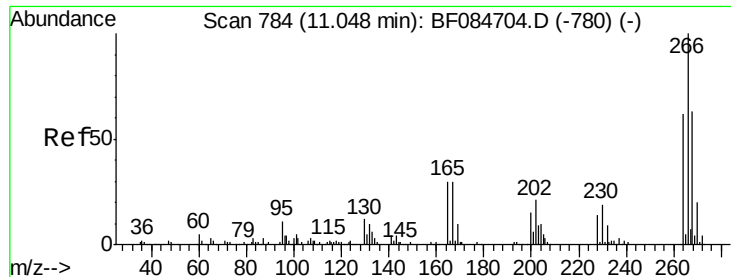


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

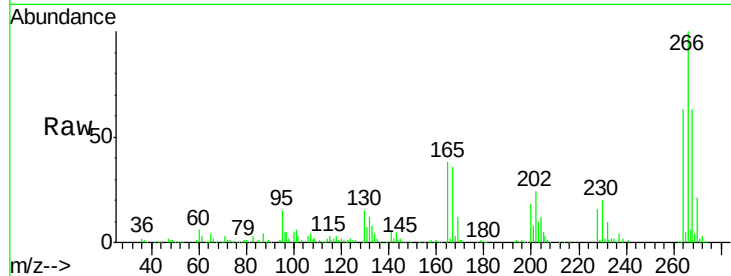




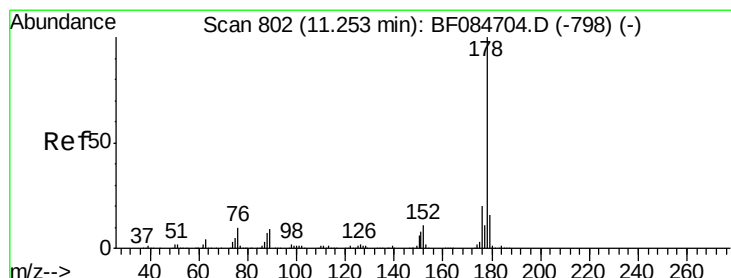
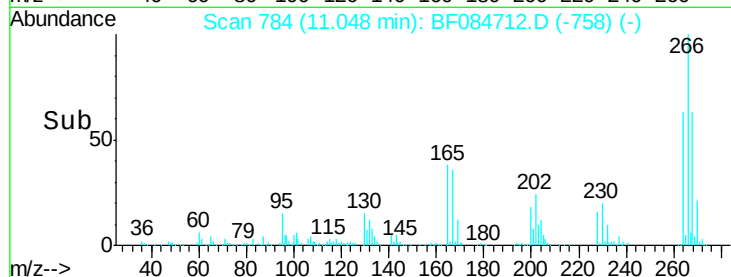
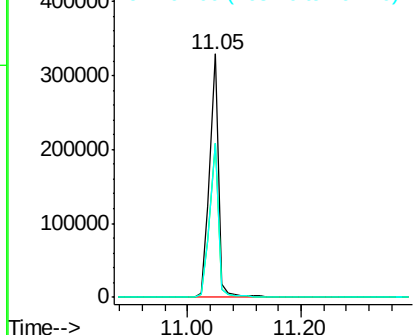
#69
 Pentachlorophenol
 Concen: 93.88 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Tgt Ion:266 Resp: 347203
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.4 78.6
 264 63.1 50.2 75.2

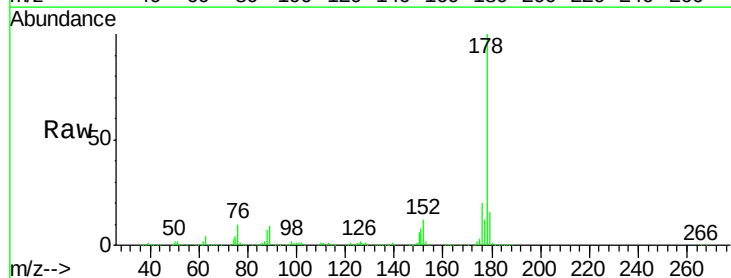


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

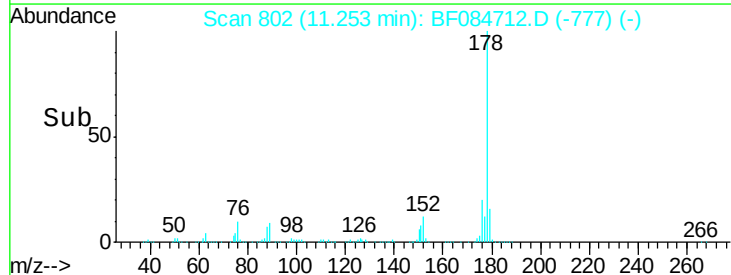
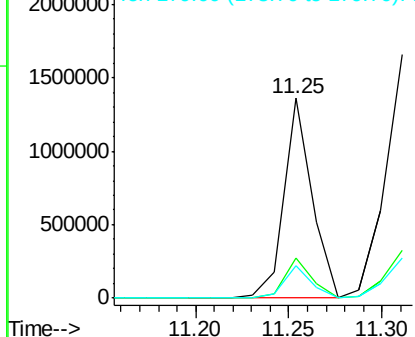


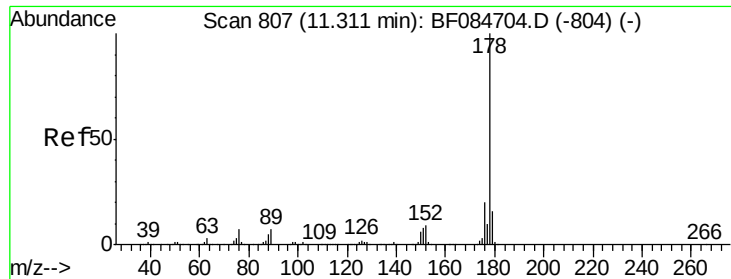
#70
 Phenanthrene
 Concen: 39.45 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:178 Resp: 1430679
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 16.2 12.0 18.0



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

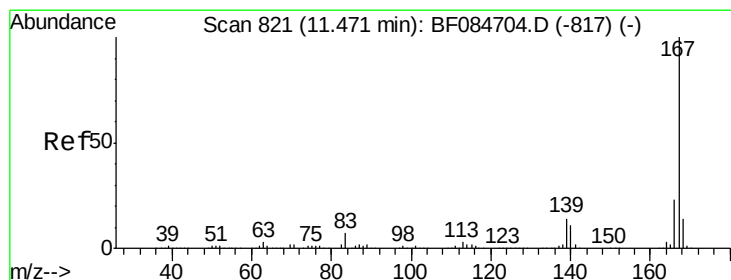
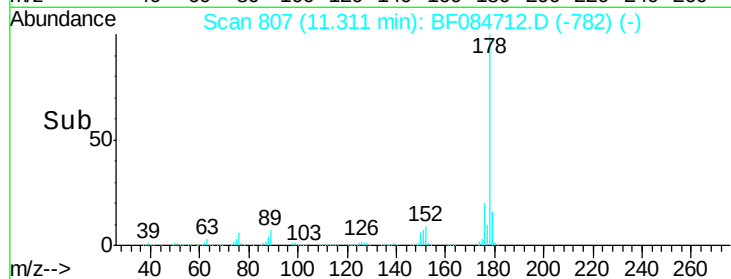
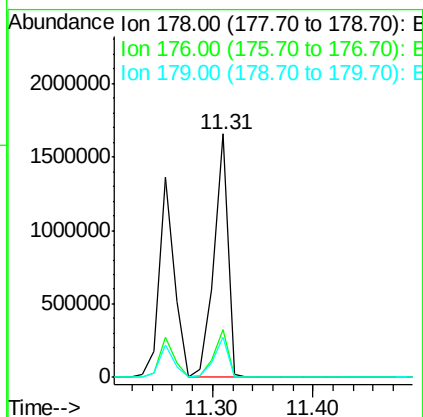
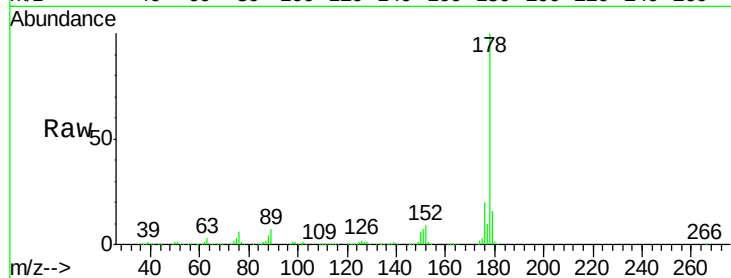




#71
 Anthracene
 Concen: 43.95 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

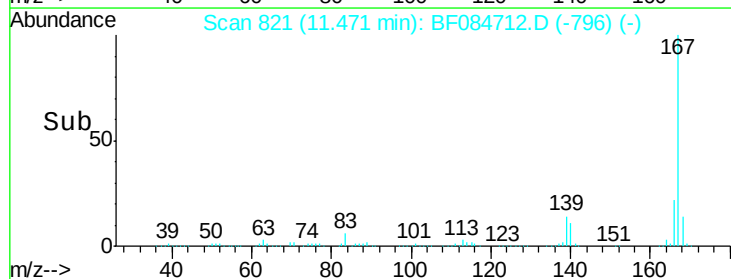
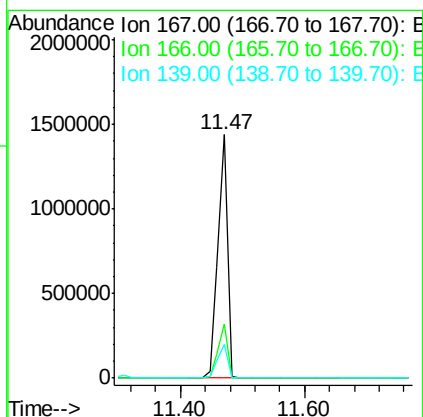
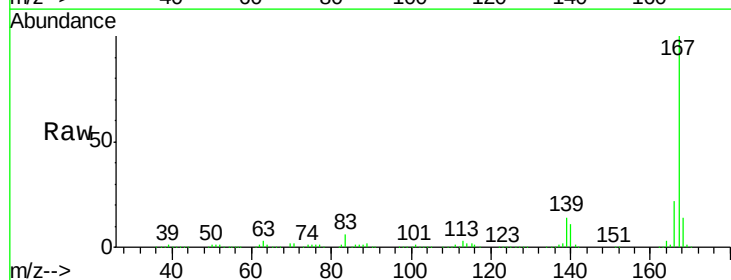
Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

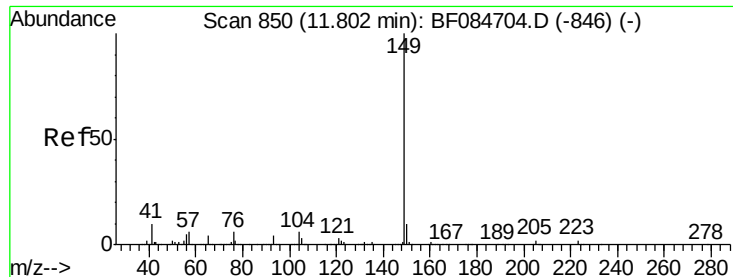
Tgt Ion:178 Resp: 1605968
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 46.73 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion:167 Resp: 1488939
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.68 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

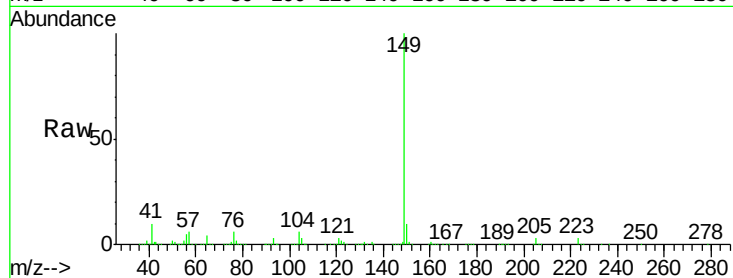
Tgt Ion:149 Resp: 1569291

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

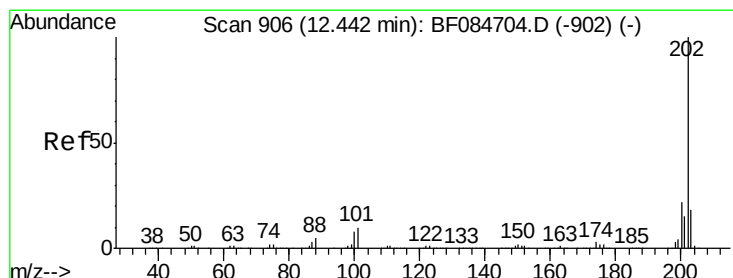
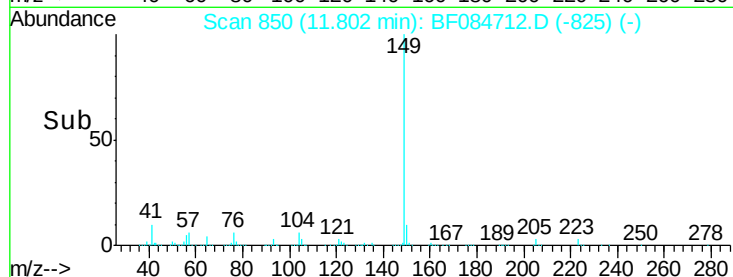
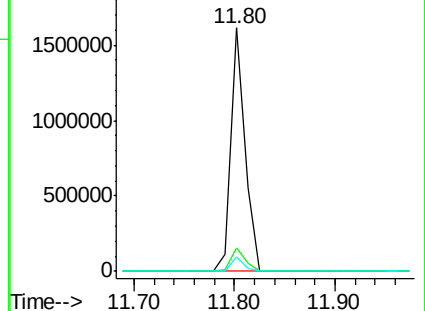
104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.13 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

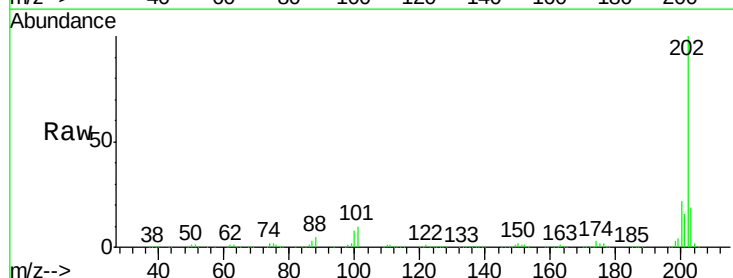
Tgt Ion:202 Resp: 1619827

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.8

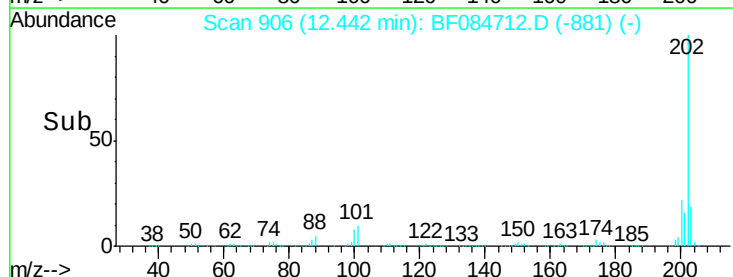
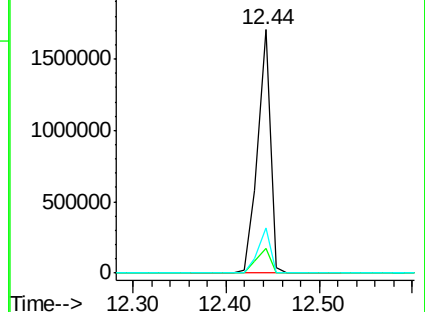
203 18.6 0.0 37.9

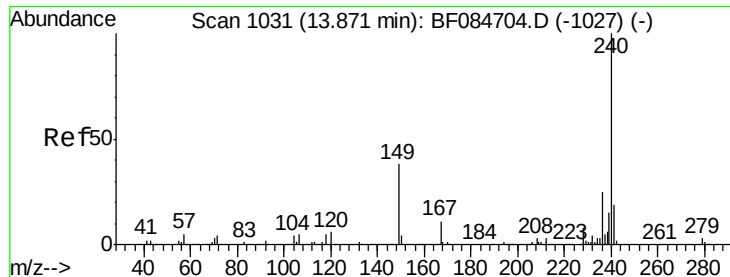


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

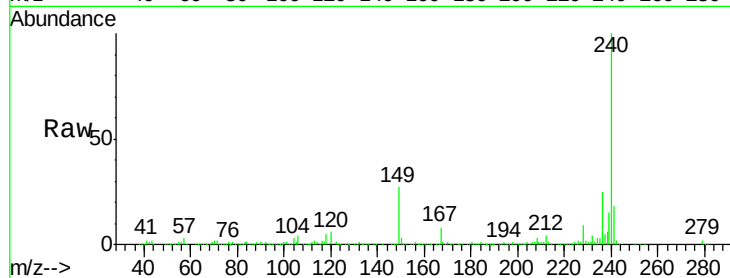
Tgt Ion:240 Resp: 499782

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

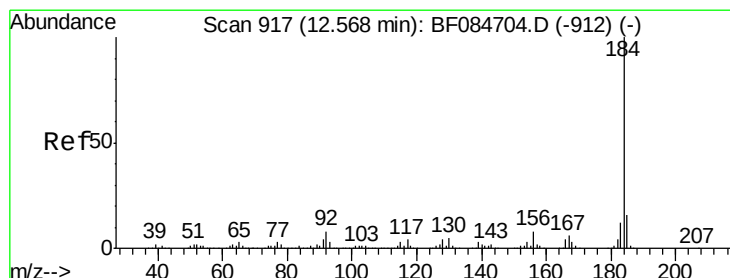
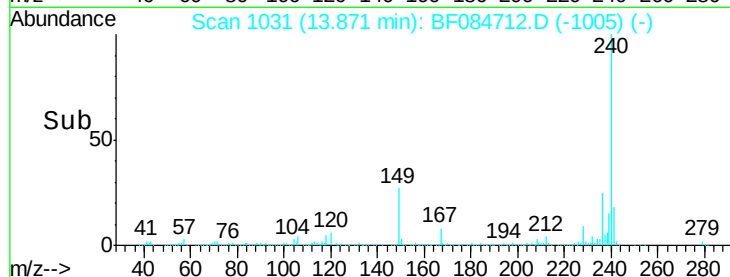
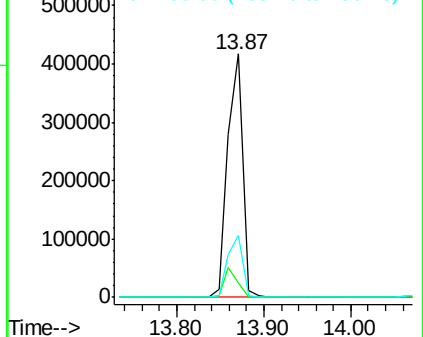
236 25.2 20.6 31.0



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: 31.93 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

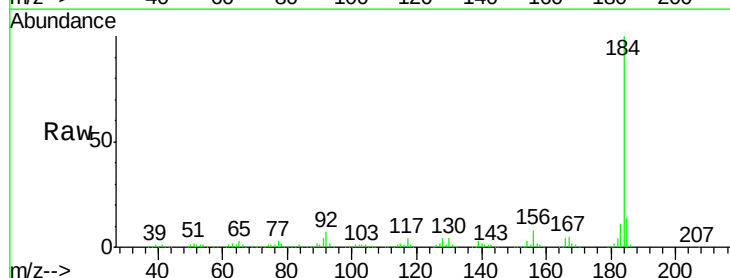
Tgt Ion:184 Resp: 565142

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

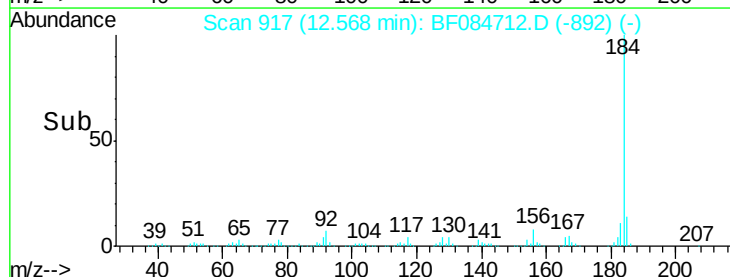
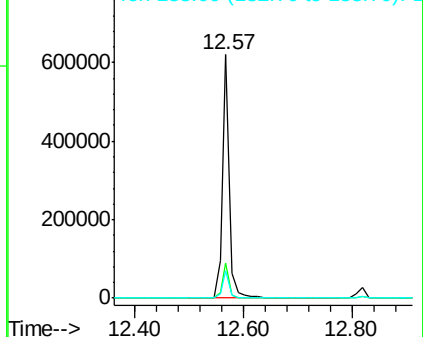
183 11.3 9.8 14.8

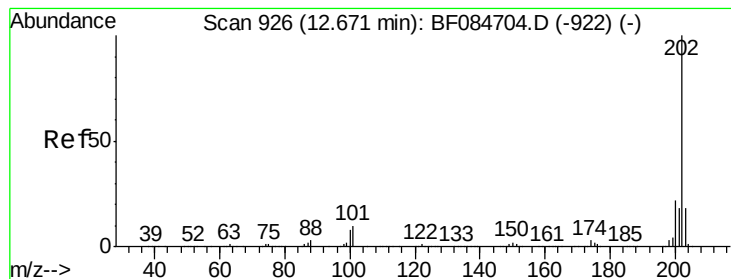


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.36 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

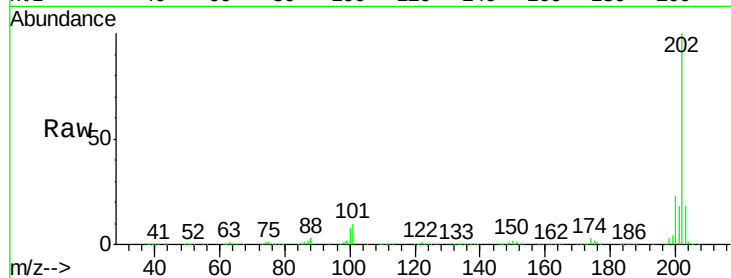
Tgt Ion:202 Resp: 1697384

Ion Ratio Lower Upper

202 100

200 22.6 17.2 25.8

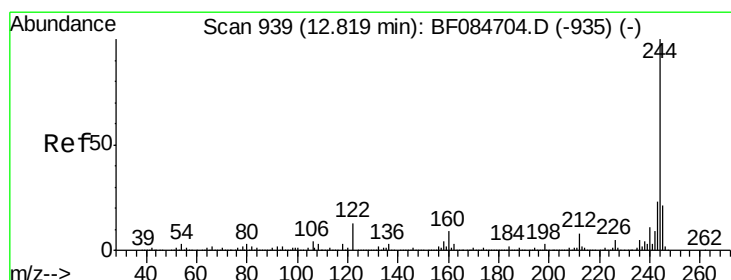
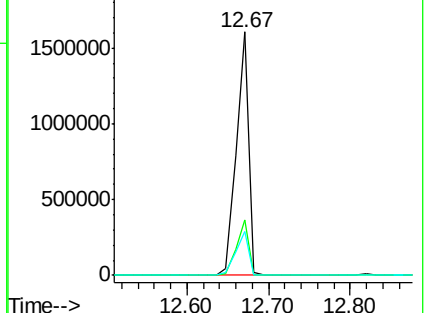
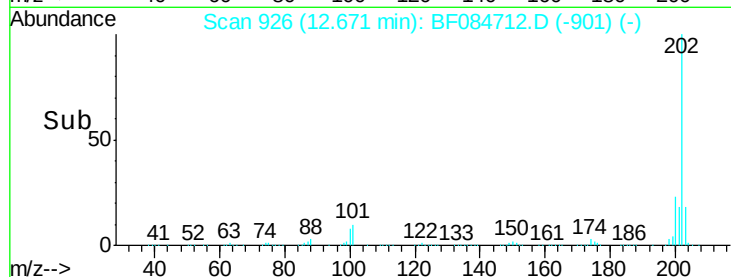
203 18.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.46 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

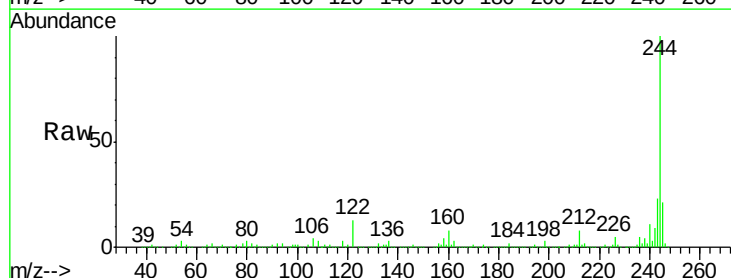
Tgt Ion:244 Resp: 1818694

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

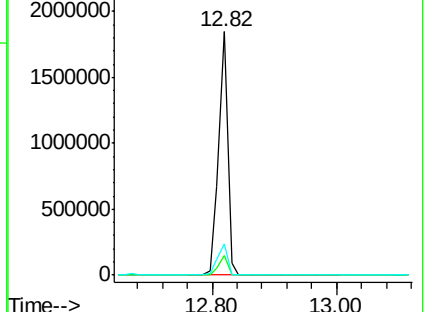
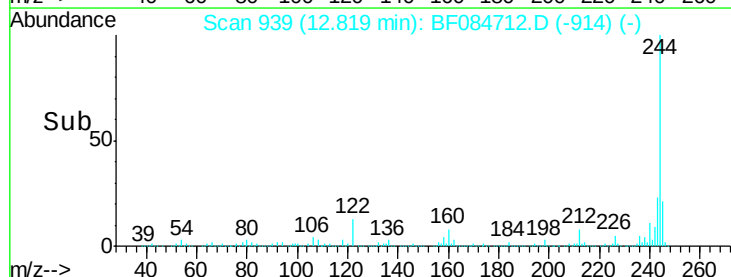
122 12.6 7.4 11.0#

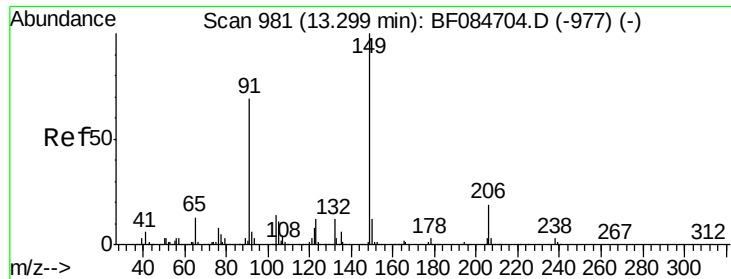


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

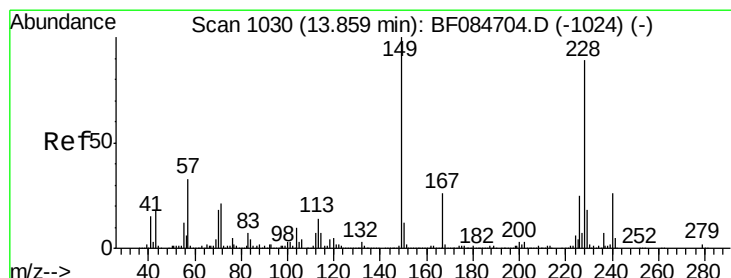
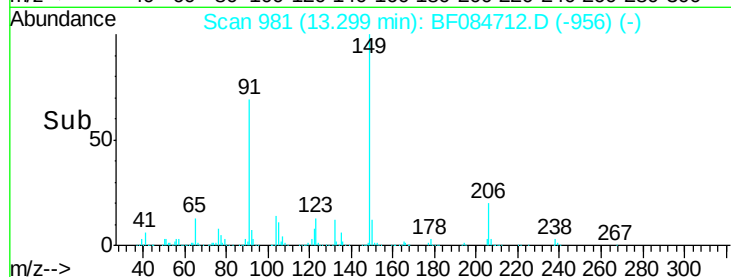
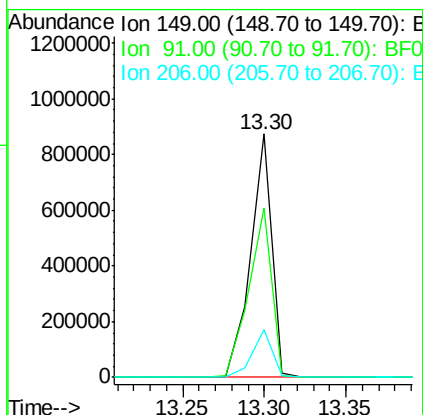
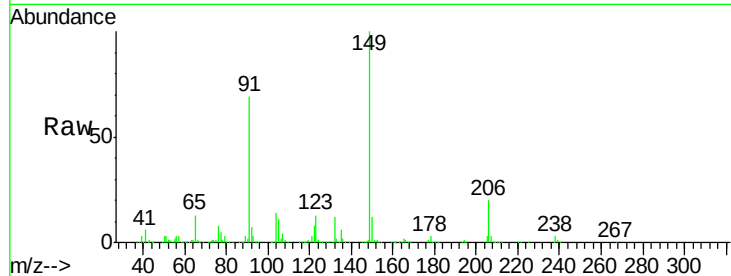




#79
Butylbenzylphthalate
Concen: 45.34 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

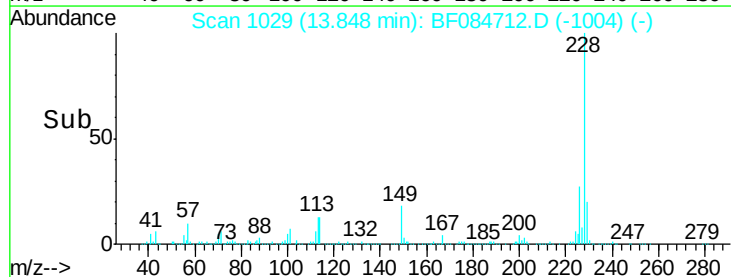
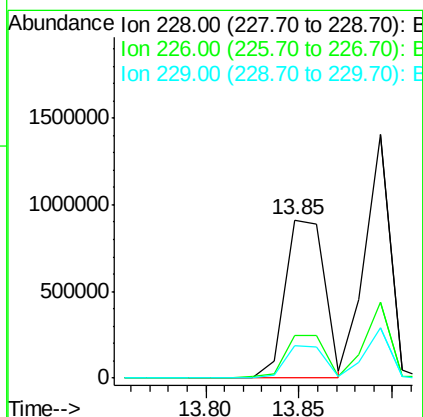
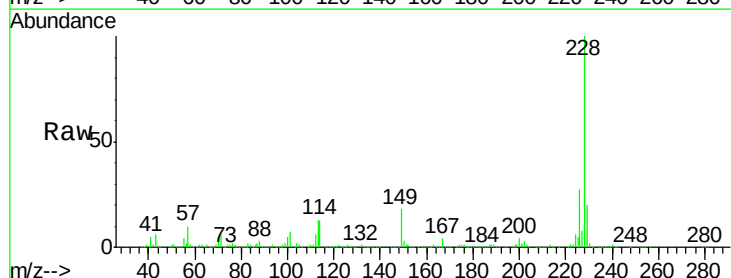
Instrument :
BNA_F
ClientSampleId :
PB88012BS

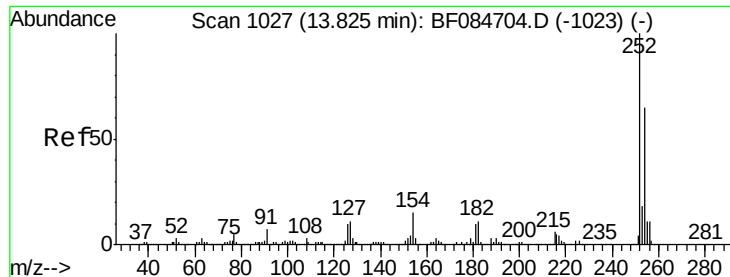
Tgt Ion:149 Resp: 786972
Ion Ratio Lower Upper
149 100
91 69.4 57.6 86.4
206 19.7 13.2 19.8



#80
Benzo(a)anthracene
Concen: 42.89 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084712.D
Acq: 1 Feb 2016 16:35

Tgt Ion:228 Resp: 1330452
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.3 15.8 23.8





#81

3,3'-Dichlorobenzidine

Concen: 37.63 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

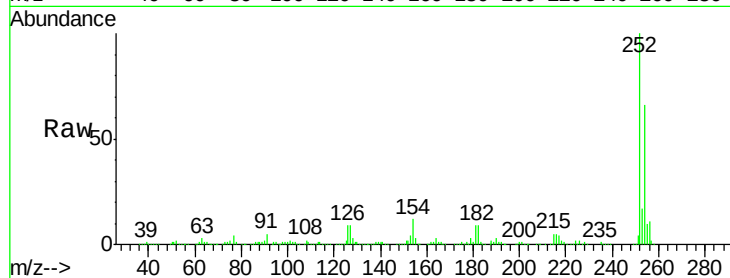
Tgt Ion:252 Resp: 413332

Ion Ratio Lower Upper

252 100

254 66.5 53.5 80.3

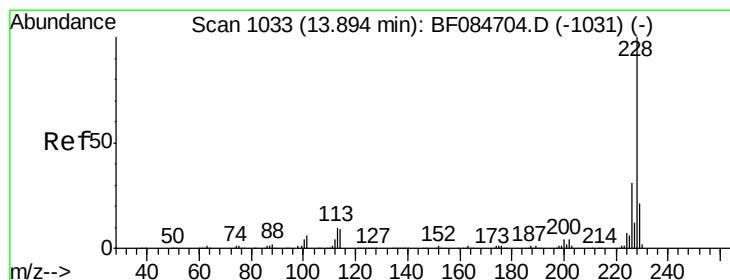
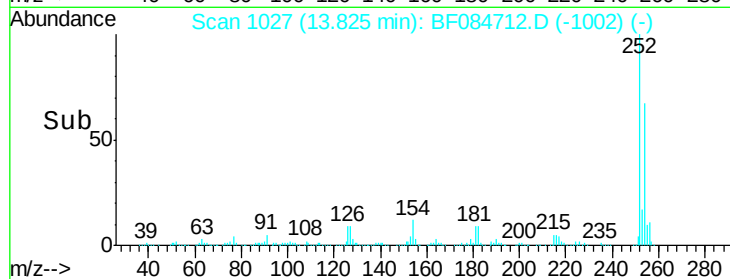
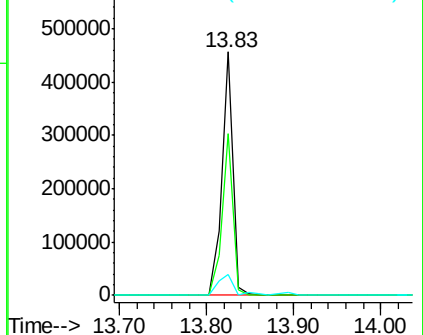
126 8.6 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.85 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

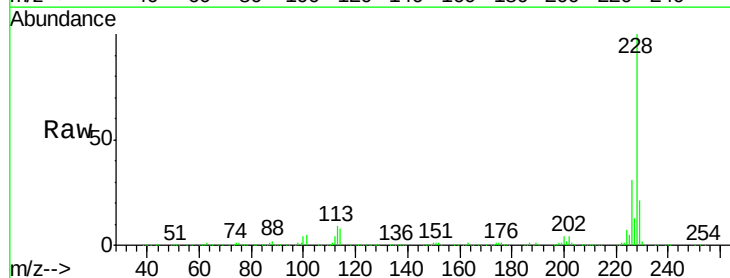
Tgt Ion:228 Resp: 1319015

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

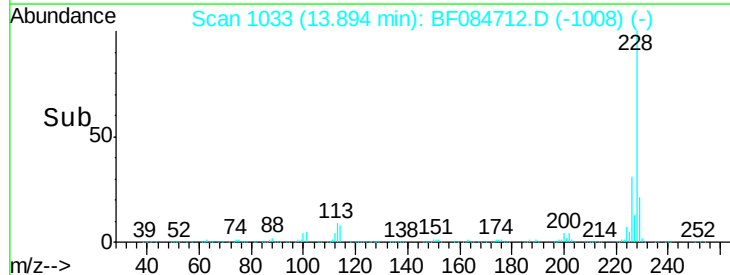
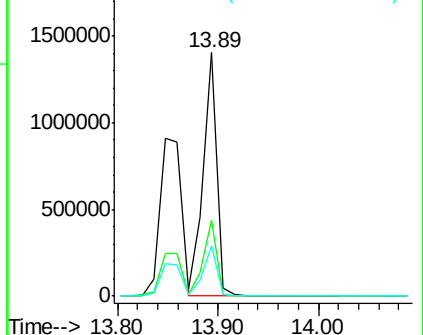
229 20.6 16.1 24.1

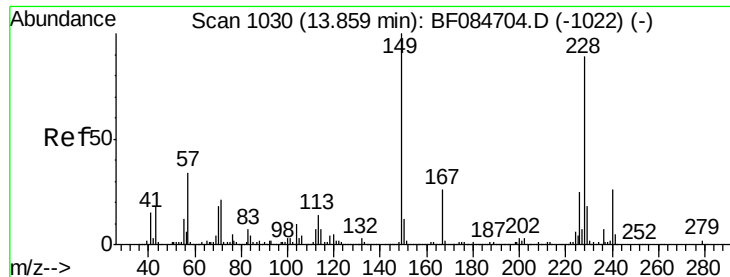


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.31 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

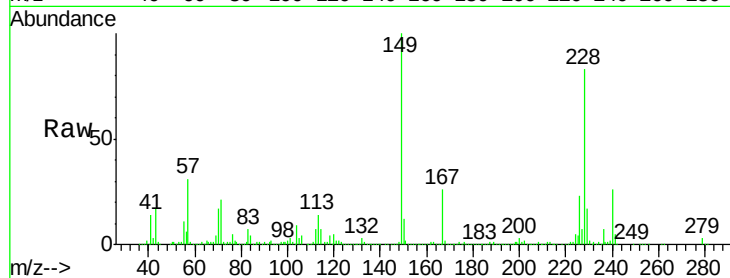
Tgt Ion:149 Resp: 935505

Ion Ratio Lower Upper

149 100

167 26.3 19.7 29.5

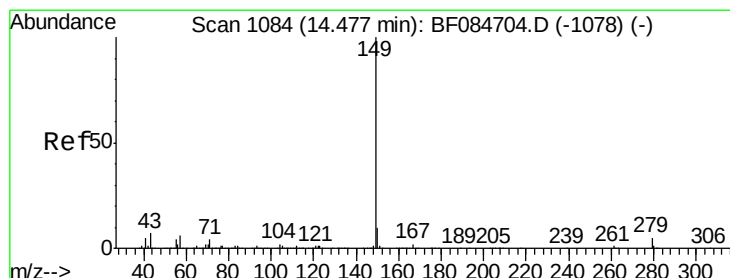
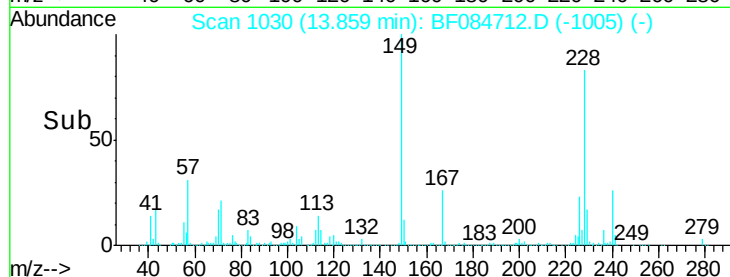
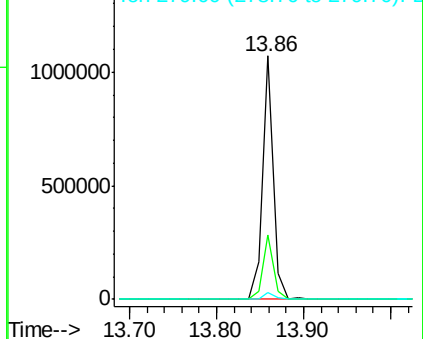
279 2.6 1.8 2.6



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: 44.63 ng

RT: 14.47 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

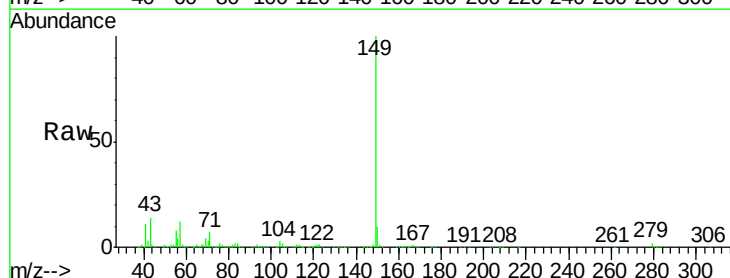
Tgt Ion:149 Resp: 1590511

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

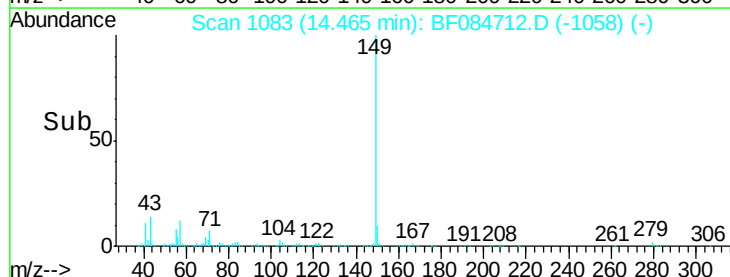
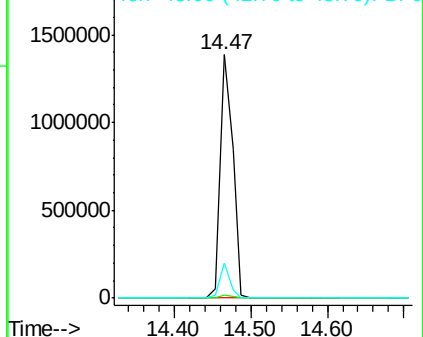
43 11.4 5.6 8.4#

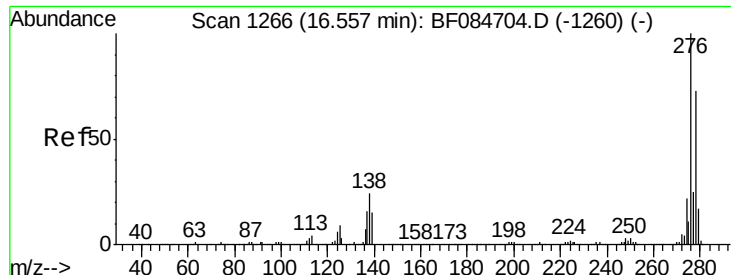


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

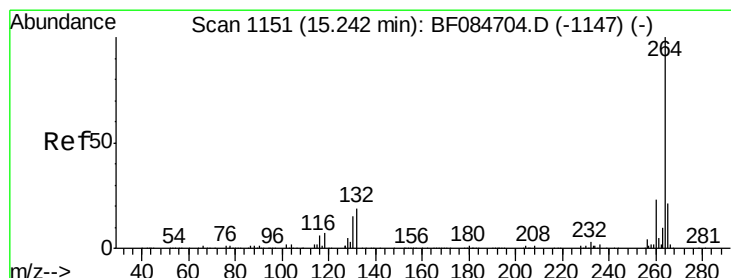
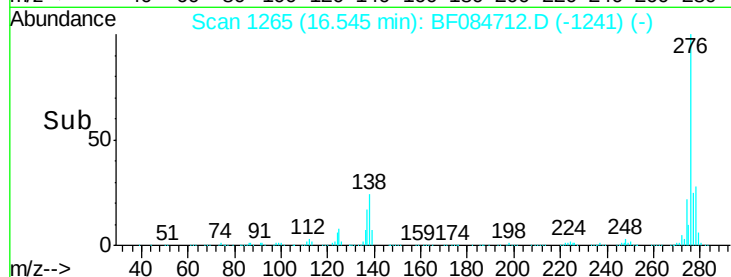
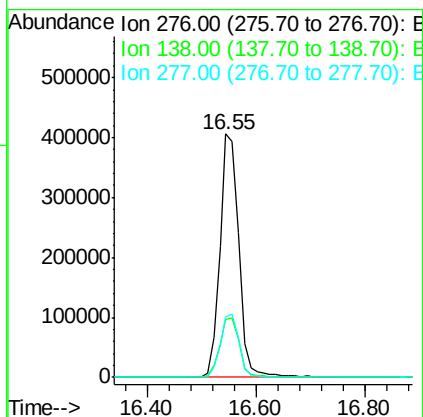
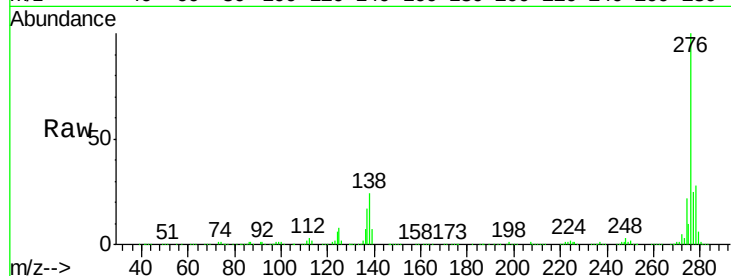




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.09 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

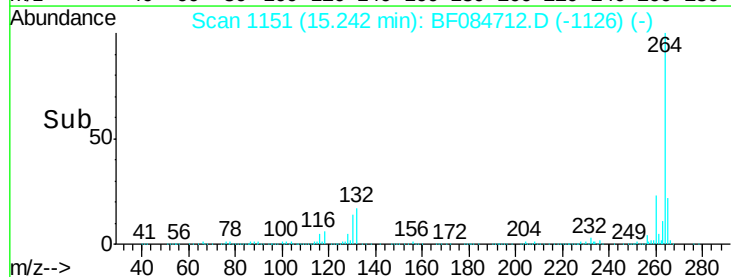
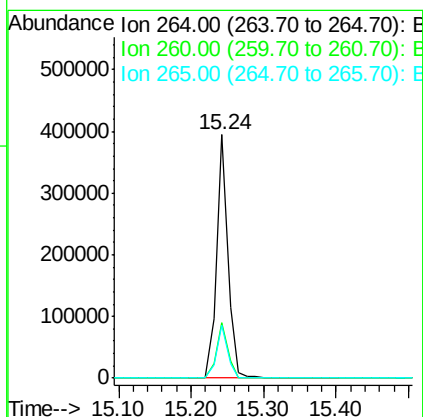
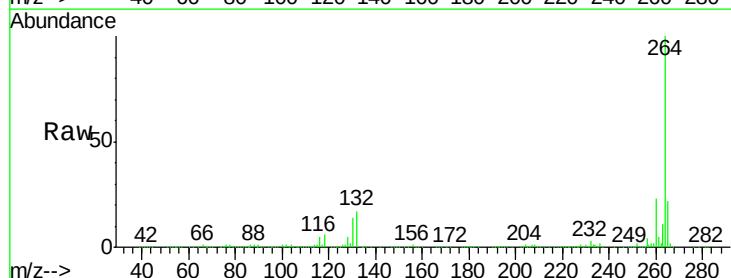
Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

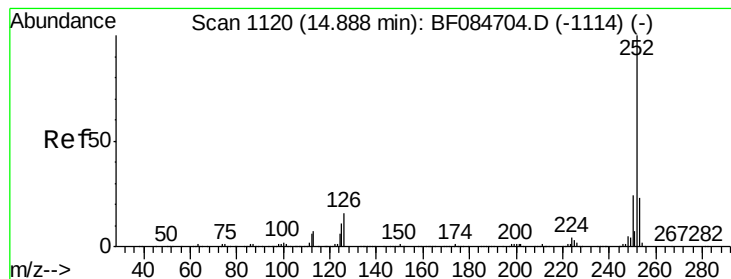
Tgt Ion: 276 Resp: 996566
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.6 30.8
 277 25.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Tgt Ion: 264 Resp: 431063
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.6 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 76.68 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

Tgt Ion:252 Resp: 2220782

Ion Ratio Lower Upper

252 100

253 23.1

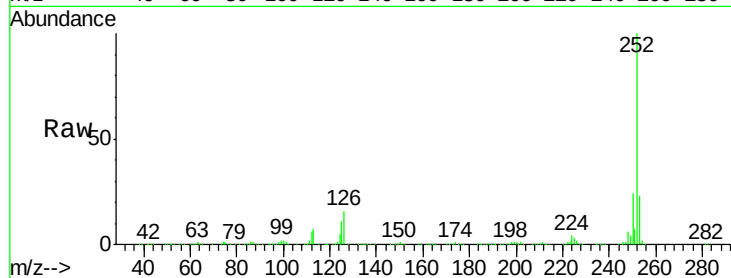
17.3

25.9

125 11.4

6.5

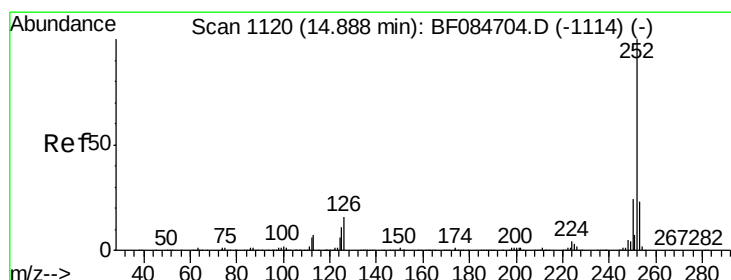
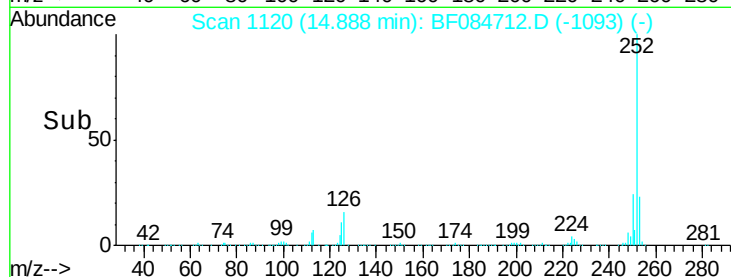
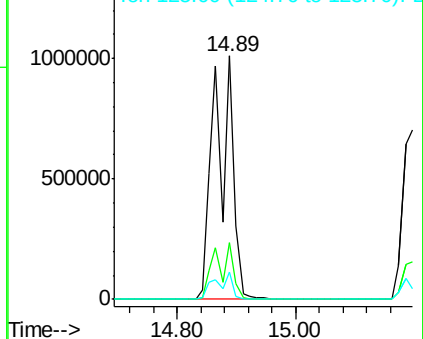
9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.74 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Tgt Ion:252 Resp: 2220782

Ion Ratio Lower Upper

252 100

253 23.1

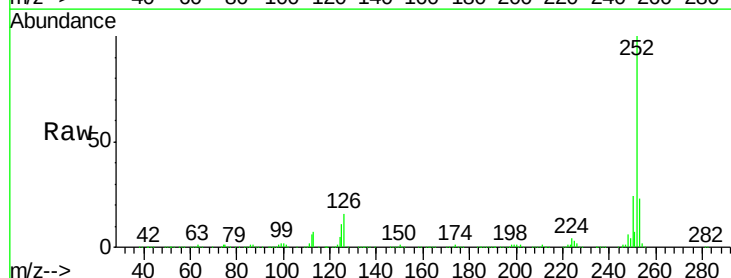
18.1

27.1

125 11.4

9.0

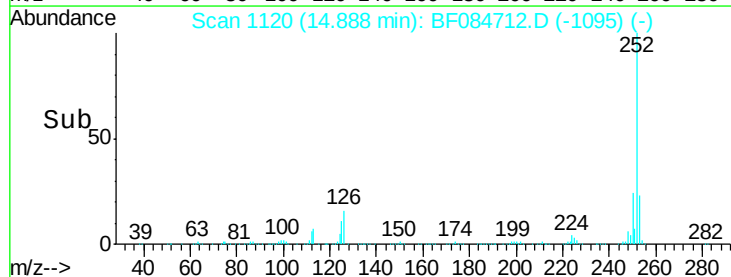
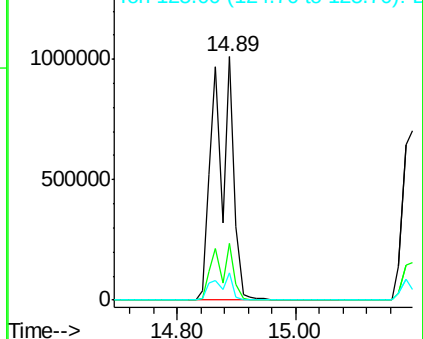
13.6

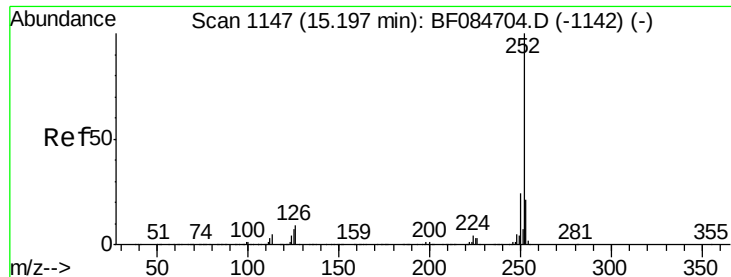


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.51 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

Instrument :

BNA_F

ClientSampleId :

PB88012BS

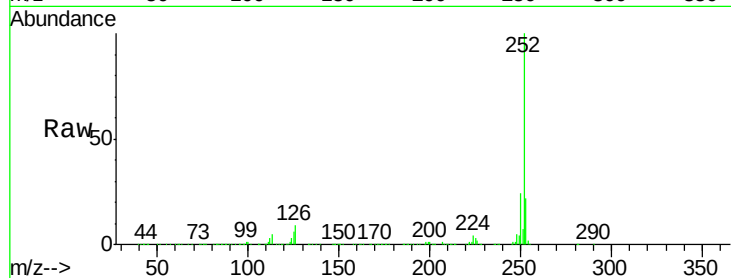
Tgt Ion:252 Resp: 1073637

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

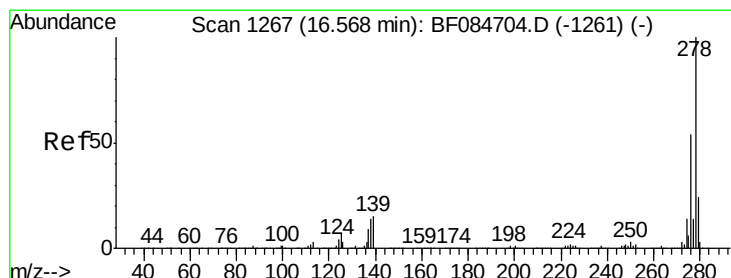
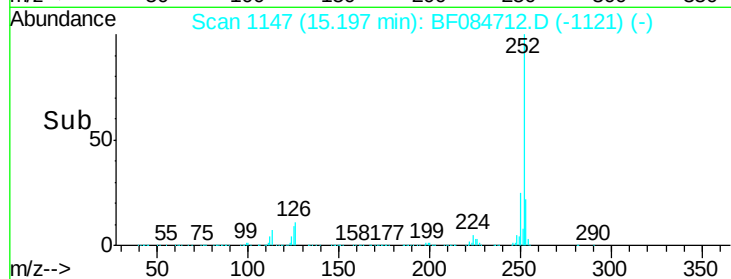
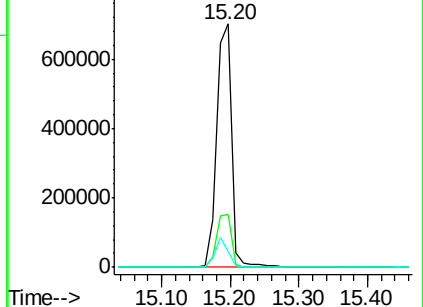
125 6.5 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.12 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF084712.D

Acq: 1 Feb 2016 16:35

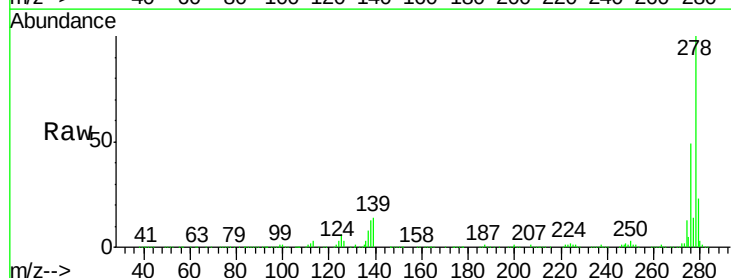
Tgt Ion:278 Resp: 833519

Ion Ratio Lower Upper

278 100

139 14.2 15.0 22.4#

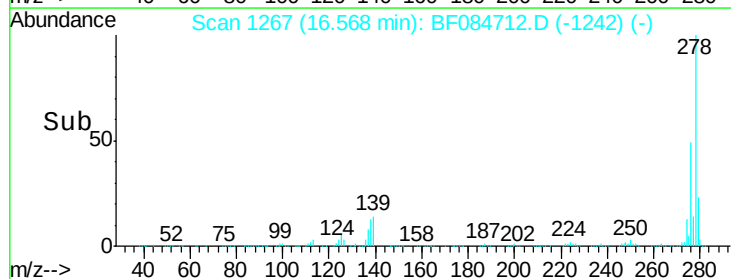
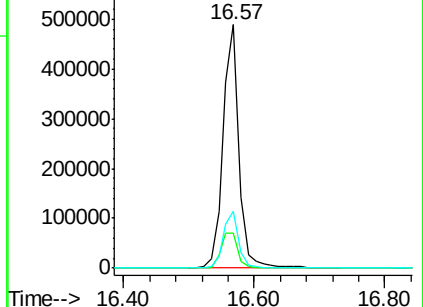
279 23.4 18.9 28.3

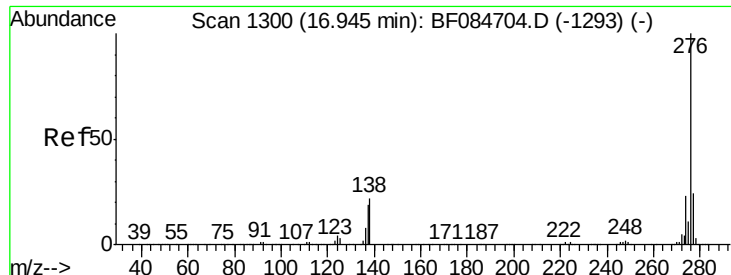


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 40.02 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF084712.D
 Acq: 1 Feb 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	20.2	17.8	26.6

