

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084793.D
 Acq On : 3 Feb 2016 19:14
 Operator : SJ/IZ
 Sample : PB88148BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Quant Time: Feb 04 00:28:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	186007	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	761468	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	353904	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	654057	20.00	ng	0.00
75) Chrysene-d12	13.84	240	454429	20.00	ng	0.00
86) Perylene-d12	15.21	264	358193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1344658	112.60	ng	0.01
7) Phenol-d6	6.35	99	1756787	118.67	ng	0.01
23) Nitrobenzene-d5	7.26	82	1133647	83.87	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	449153	121.67	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1836078	88.64	ng	0.00
78) Terphenyl-d14	12.80	244	1776566	88.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	168103	32.14	ng	# 76
3) Pyridine	2.92	79	493793	36.23	ng	# 75
4) n-Nitrosodimethylamine	2.88	42	272654	38.68	ng	# 80
6) Aniline	6.35	93	453098	25.01	ng	# 62
8) 2-Chlorophenol	6.48	128	531134	39.29	ng	96
9) Benzaldehyde	6.22	77	187534	21.45	ng	91
10) Phenol	6.36	94	677878	40.87	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	455360	35.21	ng	83
12) 1,3-Dichlorobenzene	6.62	146	520454	36.44	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	543594	38.08	ng	95
14) 1,2-Dichlorobenzene	6.85	146	468012	35.20	ng	94
15) Benzyl Alcohol	6.84	79	397811	38.91	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	749487	34.45	ng	89
17) 2-Methylphenol	6.97	107	439748	41.14	ng	# 92
18) Hexachloroethane	7.20	117	205728	37.42	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	341590	36.81	ng	# 75
20) 3+4-Methylphenols	7.12	107	533291	40.19	ng	# 72
22) Acetophenone	7.10	105	727787	36.26	ng	99
24) Nitrobenzene	7.28	77	489858	33.84	ng	96
25) Isophorone	7.53	82	992086	37.74	ng	96
26) 2-Nitrophenol	7.60	139	286762	40.17	ng	# 88
27) 2,4-Dimethylphenol	7.64	122	481674	38.79	ng	94
28) bis(2-Chloroethoxy)methane	7.73	93	600233	38.49	ng	99
29) 2,4-Dichlorophenol	7.85	162	432230	40.68	ng	94
30) 1,2,4-Trichlorobenzene	7.92	180	434342	36.19	ng	96
31) Naphthalene	8.00	128	1388943	36.36	ng	99
32) Benzoic acid	7.79	122	289514	36.45	ng	94
33) 4-Chloroaniline	8.05	127	202524	12.82	ng	96
34) Hexachlorobutadiene	8.12	225	265260	38.33	ng	99
35) Caprolactam	8.43	113	88489	27.02	ng	# 44
36) 4-Chloro-3-methylphenol	8.56	107	491517	40.55	ng	99
37) 2-Methylnaphthalene	8.69	142	1025662	42.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	383372	34.11	ng	98
40) Hexachlorocyclopentadiene	8.84	237	394431	79.64	ng	97

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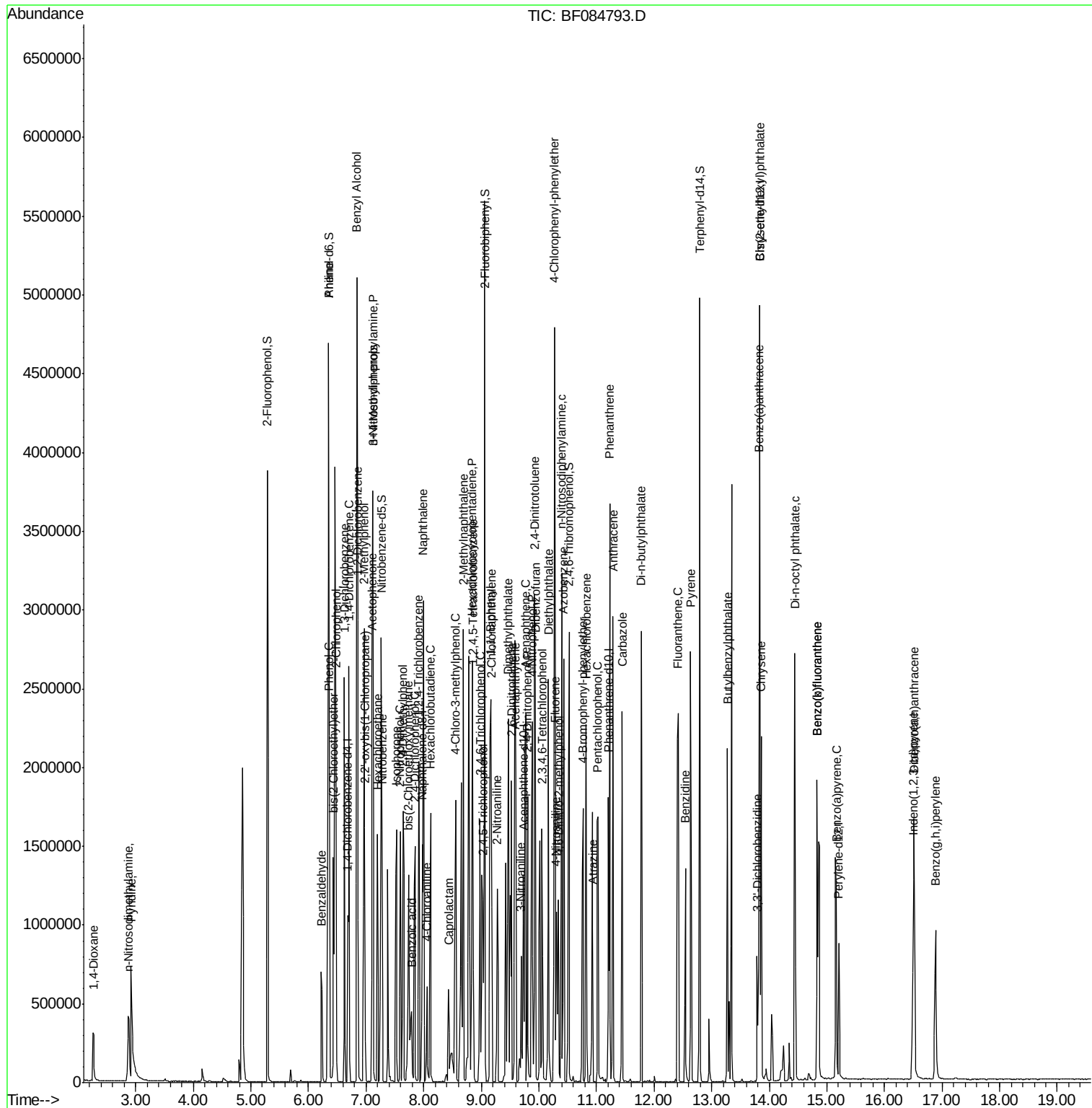
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	311631	43.04	ng	94
43) 2,4,5-Trichlorophenol	9.02	196	270918	36.82	ng	93
45) 1,1'-Biphenyl	9.16	154	1148091	36.32	ng	95
46) 2-Chloronaphthalene	9.17	162	847244	36.40	ng	96
47) 2-Nitroaniline	9.28	65	264470	35.88	ng	98
48) Acenaphthylene	9.60	152	1325466	37.52	ng	98
49) Dimethylphthalate	9.47	163	1087729	40.35	ng	# 91
50) 2,6-Dinitrotoluene	9.53	165	241117	40.95	ng	# 74
51) Acenaphthene	9.77	154	872971	37.98	ng	96
52) 3-Nitroaniline	9.69	138	128526	19.42	ng	94
53) 2,4-Dinitrophenol	9.80	184	202718	74.98	ng	# 80
54) Dibenzofuran	9.94	168	1248908	44.46	ng	99
55) 4-Nitrophenol	9.88	139	355631	73.13	ng	88
56) 2,4-Dinitrotoluene	9.93	165	263594	35.10	ng	# 75
57) Fluorene	10.28	166	899169	38.33	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	228133	40.73	ng	91
59) Diethylphthalate	10.17	149	1049262	39.86	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	406143	40.48	ng	95
61) 4-Nitroaniline	10.30	138	232842	36.11	ng	92
62) Azobenzene	10.43	77	1069974	42.28	ng	90
64) 4,6-Dinitro-2-methylphenol	10.34	198	175491	43.47	ng	97
65) n-Nitrosodiphenylamine	10.40	169	860747	41.44	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	296095	40.99	ng	97
67) Hexachlorobenzene	10.82	284	289574	36.79	ng	# 87
68) Atrazine	10.93	200	284232	43.34	ng	91
69) Pentachlorophenol	11.02	266	297280	80.36	ng	99
70) Phenanthrene	11.23	178	1321241	36.42	ng	97
71) Anthracene	11.29	178	1492456	40.83	ng	99
72) Carbazole	11.45	167	1326773	41.63	ng	98
73) Di-n-butylphthalate	11.78	149	1408284	34.70	ng	# 96
74) Fluoranthene	12.42	202	1452651	39.56	ng	93
76) Benzidine	12.54	184	564737	35.06	ng	98
77) Pyrene	12.64	202	1392559	40.02	ng	99
79) Butylbenzylphthalate	13.28	149	666275	42.21	ng	# 85
80) Benzo(a)anthracene	13.83	228	1113997	39.50	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	182910	18.32	ng	# 94
82) Chrysene	13.86	228	1012028	37.00	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	833387	42.43	ng	# 97
84) Di-n-octyl phthalate	14.44	149	1253035	38.67	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.50	276	873850	40.59	ng	99
87) Benzo(b)fluoranthene	14.83	252	1794654	74.57	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	1794654	90.19	ng	100
89) Benzo(a)pyrene	15.16	252	836207	40.78	ng	# 98
90) Dibenzo(a,h)anthracene	16.51	278	730341	42.31	ng	98
91) Benzo(g,h,i)perylene	16.89	276	752263	43.26	ng	99

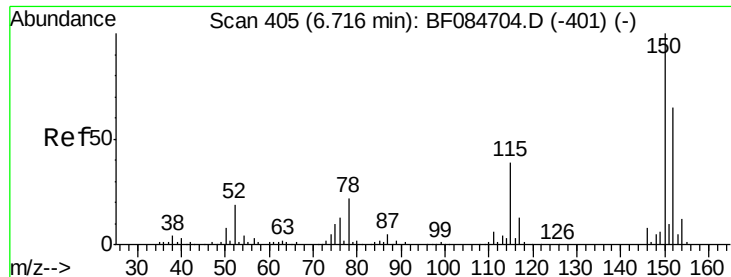
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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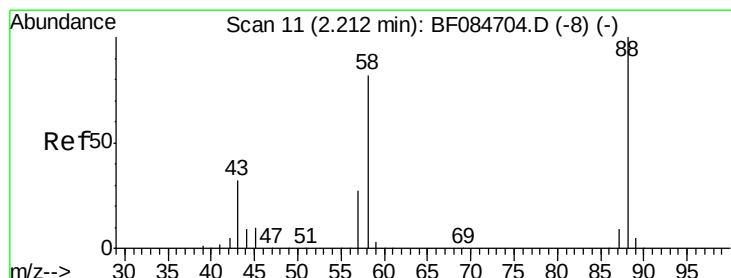
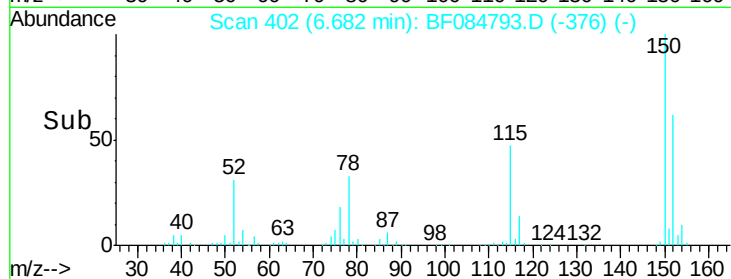
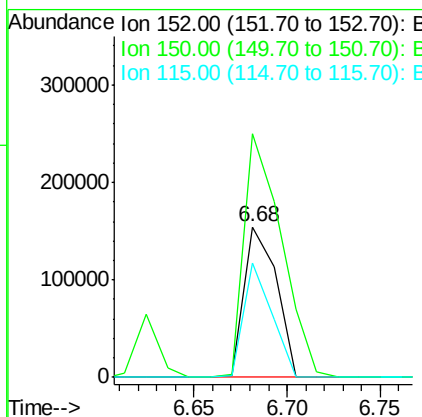
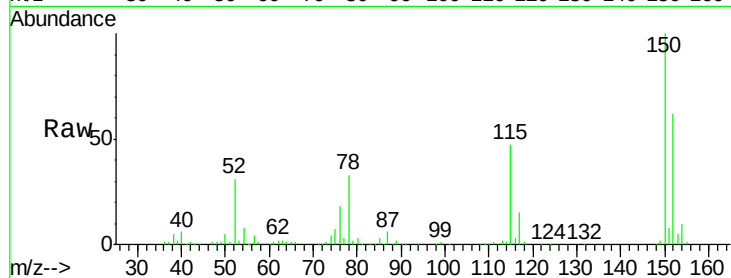


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB88148BS

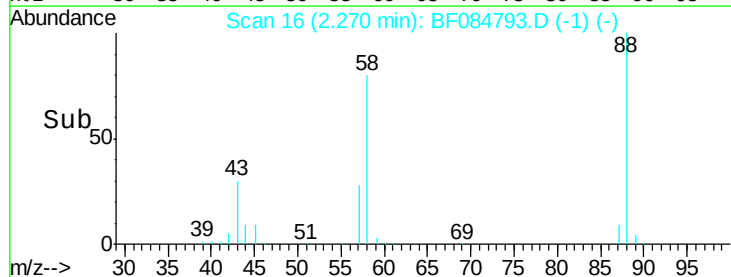
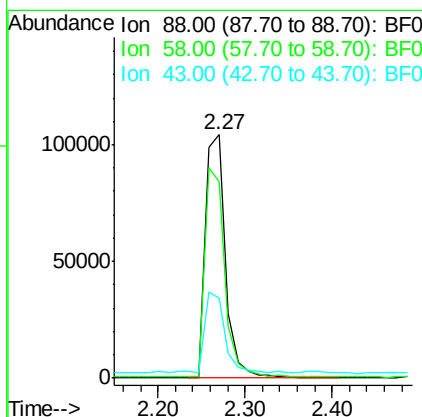
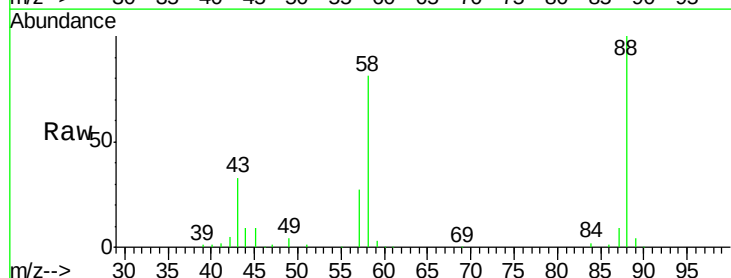
Tgt Ion:152 Resp: 186007
Ion Ratio Lower Upper
152 100
150 161.7 123.0 184.4
115 76.0 51.4 77.2

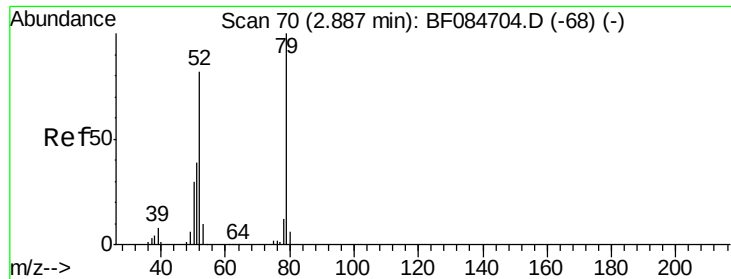


#2

1,4-Dioxane
Concen: 32.14 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.09 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion: 88 Resp: 168103
Ion Ratio Lower Upper
88 100
58 83.8 51.2 76.8#
43 34.8 19.5 29.3#





#3

Pyridine

Concen: 36.23 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.08 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

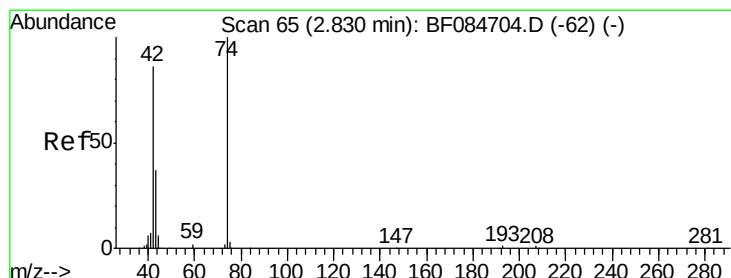
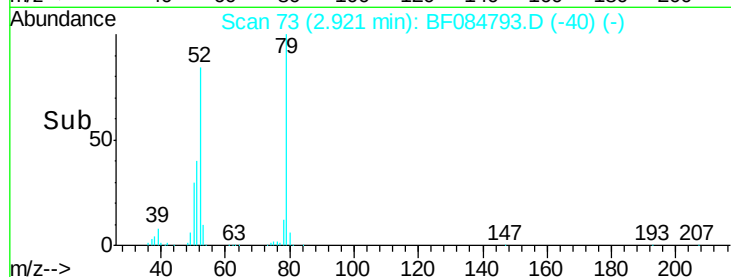
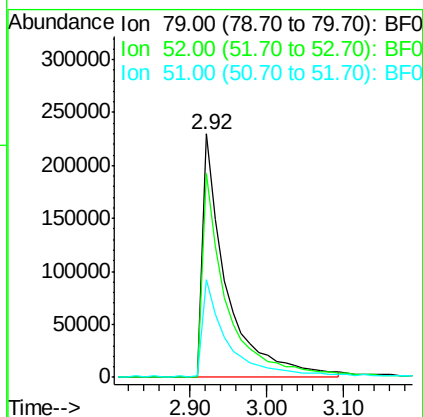
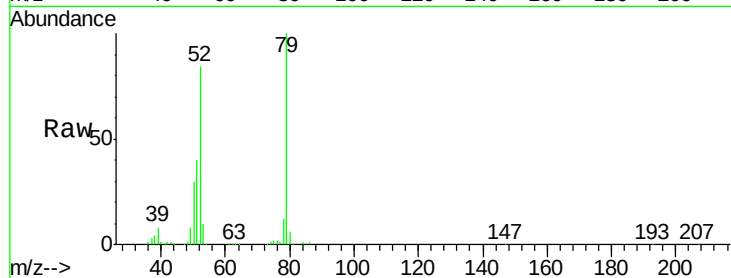
Tgt Ion: 79 Resp: 493793

Ion Ratio Lower Upper

79 100

52 83.5 49.0 73.4#

51 40.4 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.68 ng

RT: 2.88 min Scan# 69

Delta R.T. 0.08 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

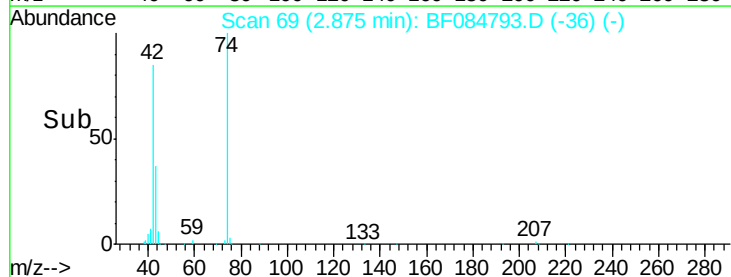
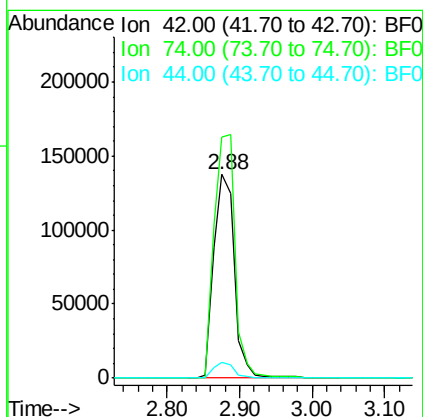
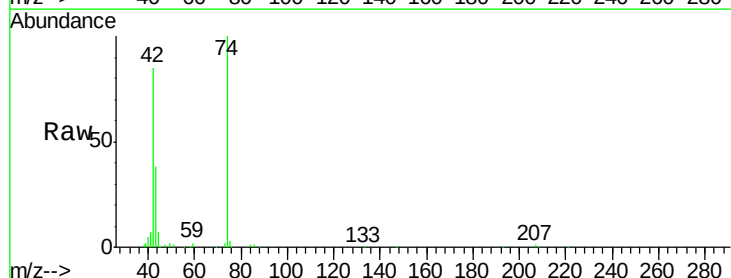
Tgt Ion: 42 Resp: 272654

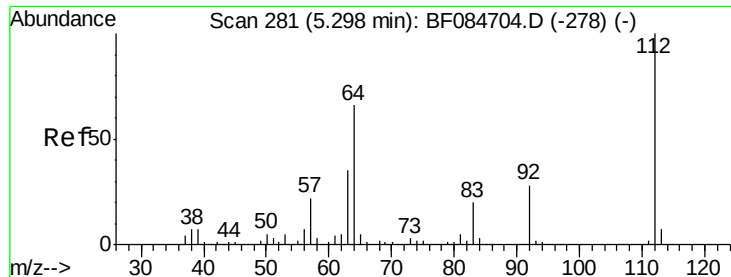
Ion Ratio Lower Upper

42 100

74 118.3 115.7 173.5

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 112.60 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084793.D

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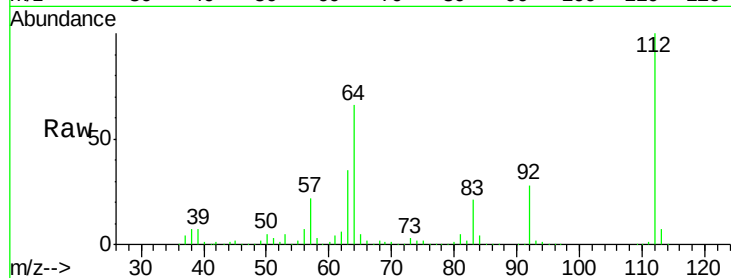
Tgt Ion: 112 Resp: 1344658

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

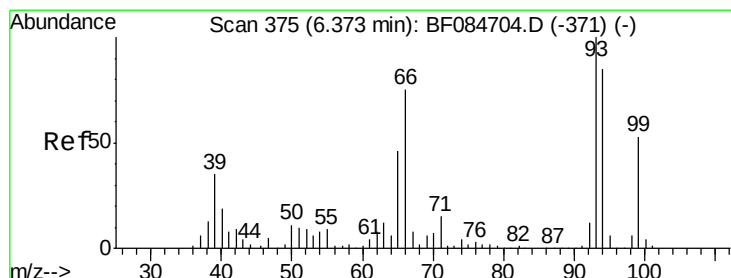
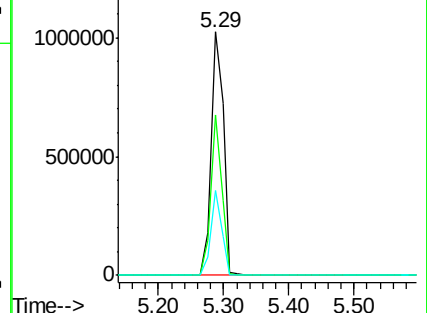
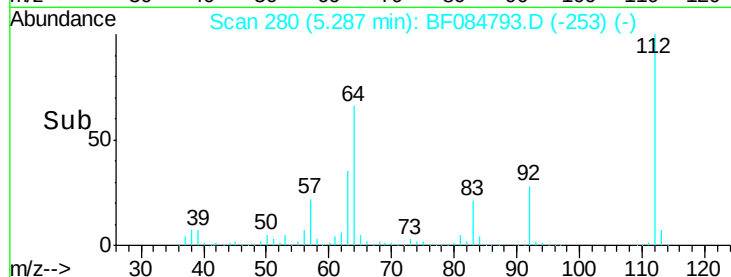
63 35.1 19.4 29.0#



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: 25.01 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

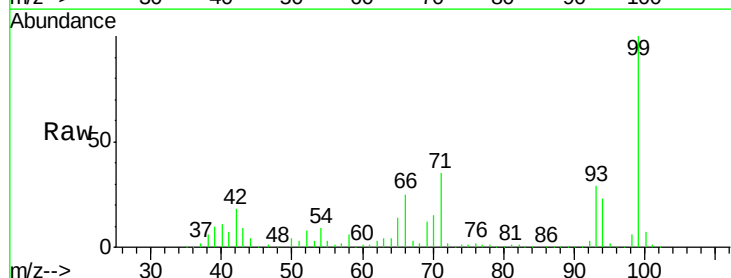
Tgt Ion: 93 Resp: 453098

Ion Ratio Lower Upper

93 100

66 85.9 44.9 67.3#

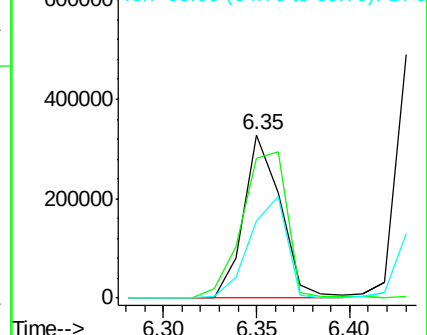
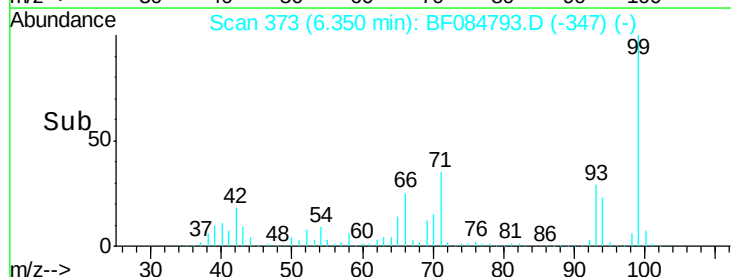
65 47.2 23.7 35.5#

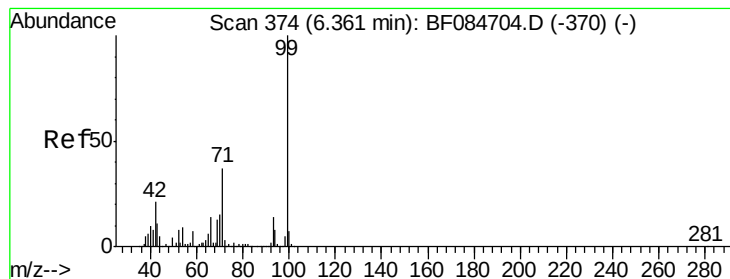


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.67 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

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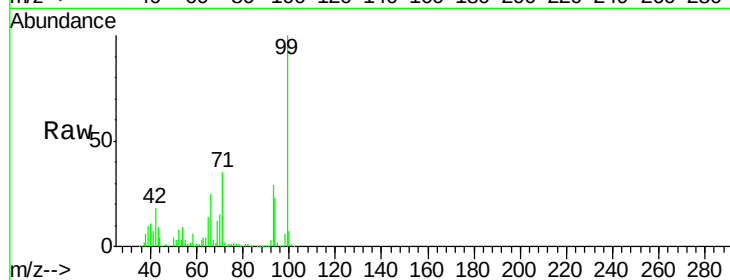
Tgt Ion: 99 Resp: 1756787

Ion Ratio Lower Upper

99 100

42 17.7 12.8 19.2

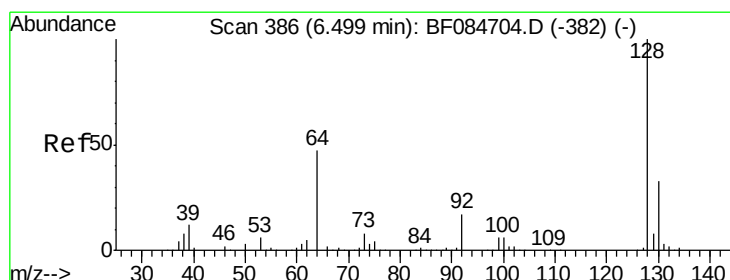
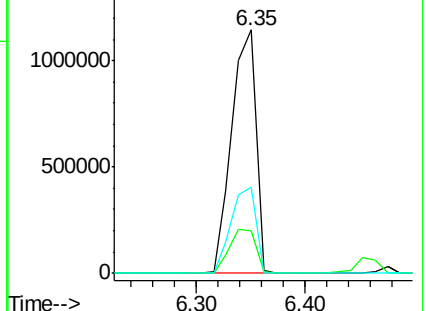
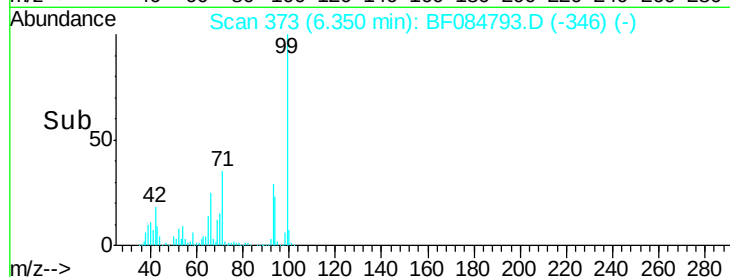
71 35.4 30.9 46.3



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: 39.29 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084793.D

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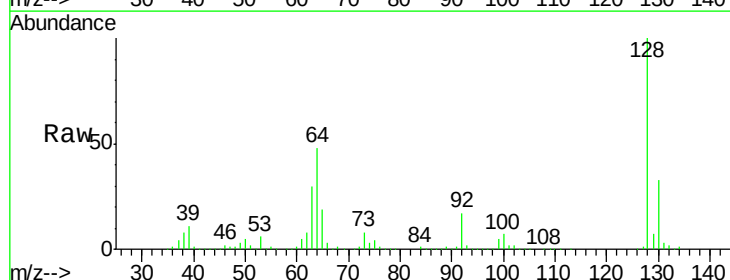
Tgt Ion: 128 Resp: 531134

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

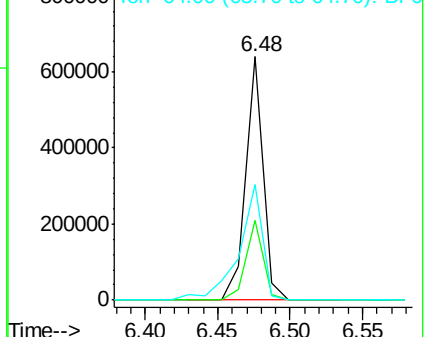
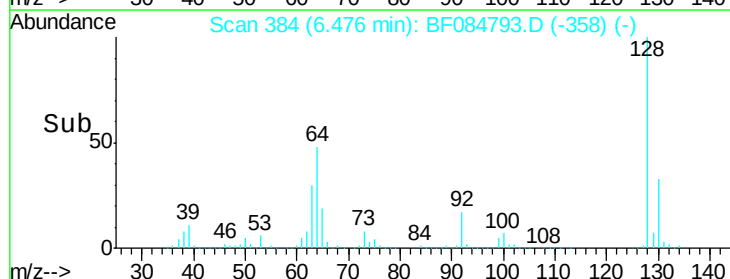
64 47.6 23.8 63.8

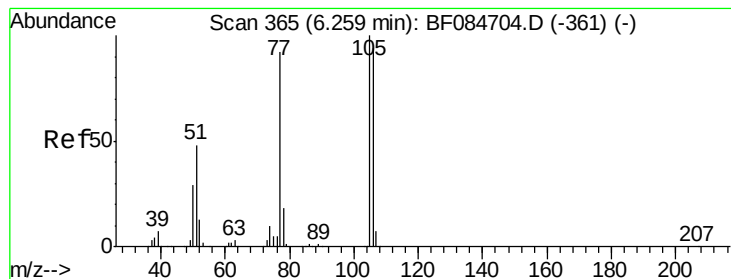


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.45 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

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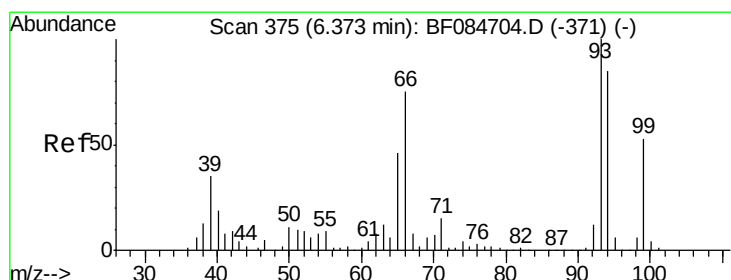
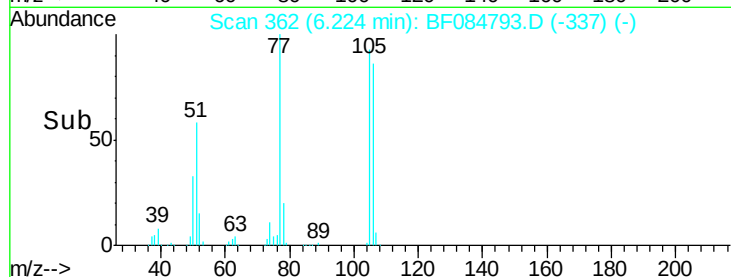
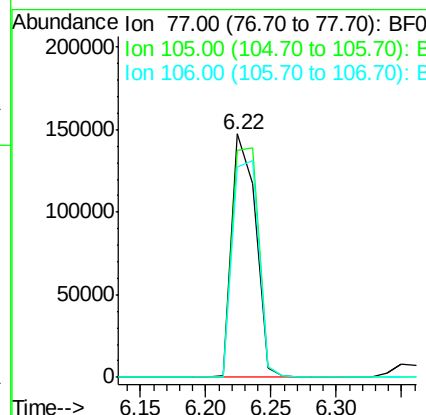
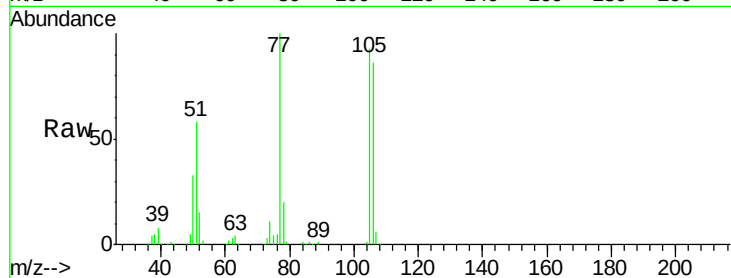
Tgt Ion: 77 Resp: 187534

Ion Ratio Lower Upper

77 100

105 93.1 83.0 123.0

106 86.4 74.6 114.6



#10

Phenol

Concen: 40.87 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

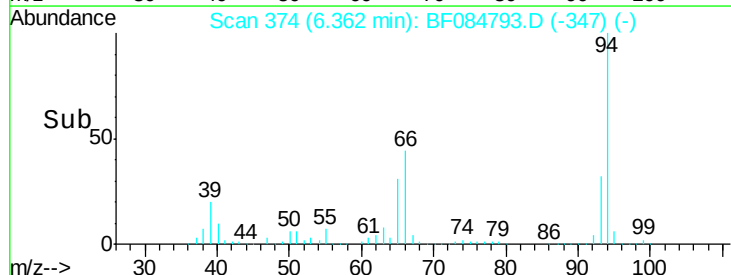
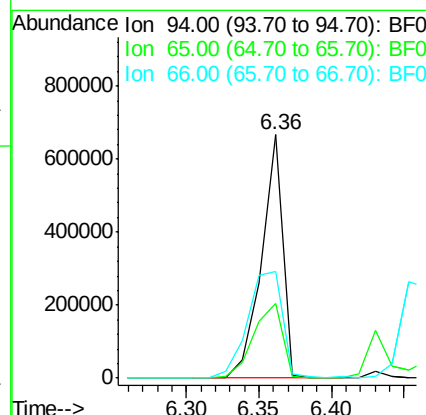
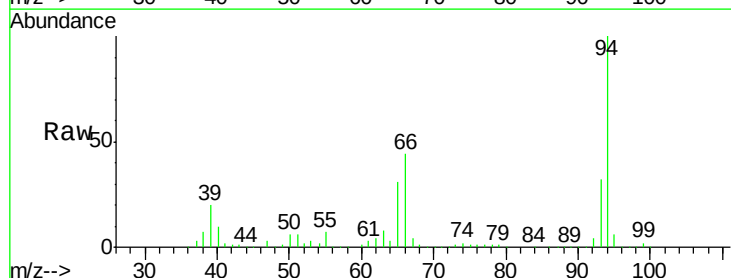
Tgt Ion: 94 Resp: 677878

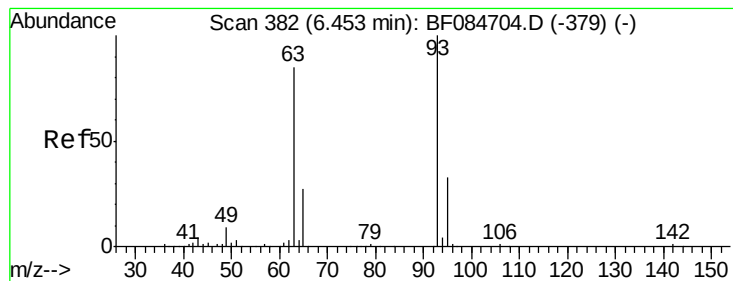
Ion Ratio Lower Upper

94 100

65 30.7 12.9 52.9

66 44.0 32.7 72.7

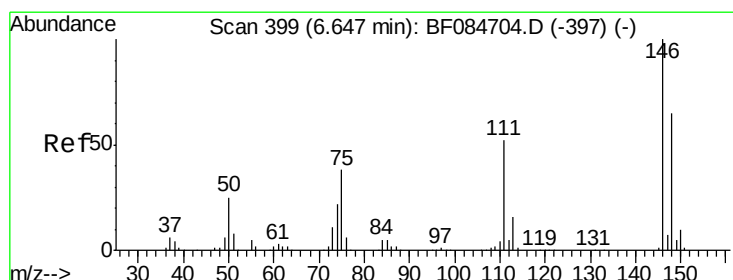
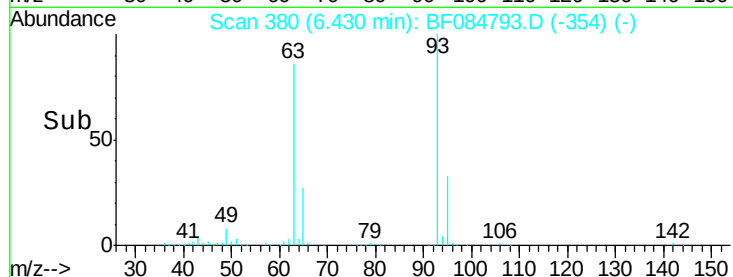
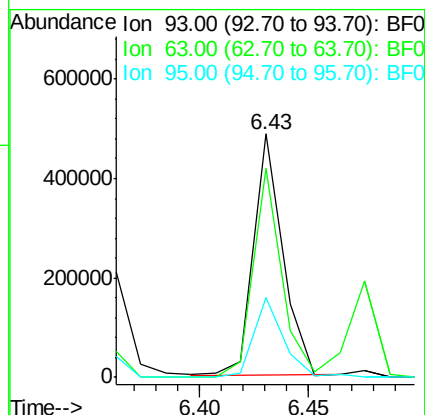
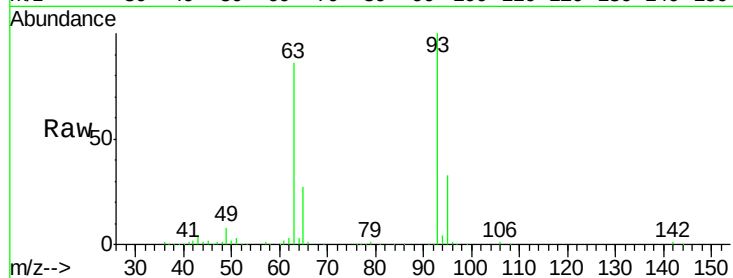




#11
bis(2-Chloroethyl)ether
Concen: 35.21 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

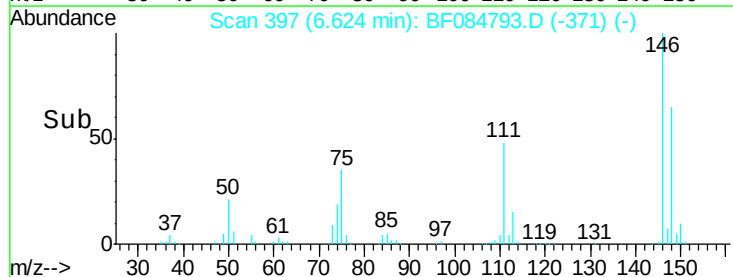
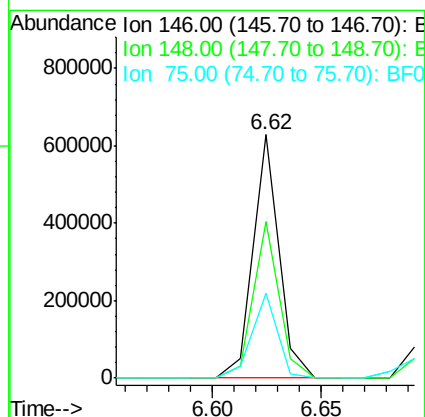
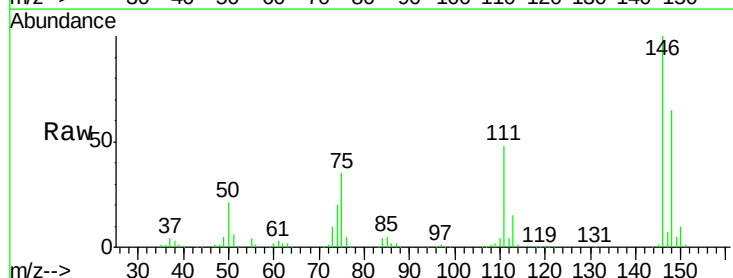
Instrument :
BNA_F
ClientSampleId :
PB88148BS

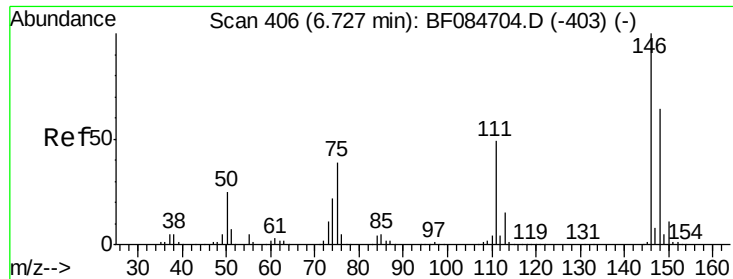
Tgt Ion: 93 Resp: 455360
Ion Ratio Lower Upper
93 100
63 85.6 45.9 85.9
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.44 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion: 146 Resp: 520454
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 35.0 20.5 30.7#

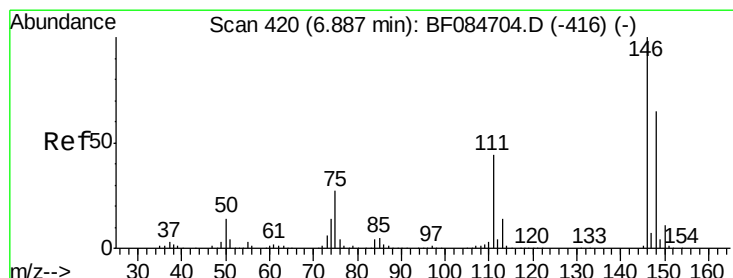
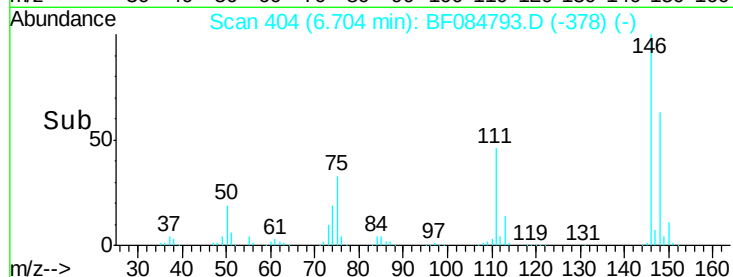
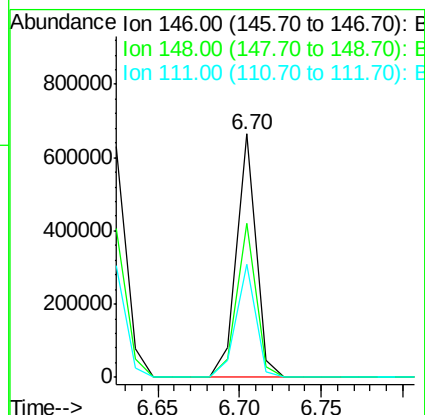
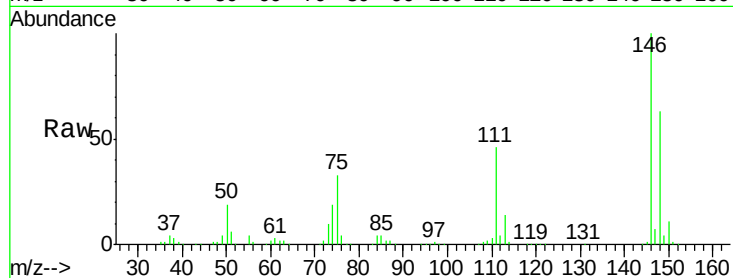




#13
 1,4-Dichlorobenzene
 Concen: 38.08 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

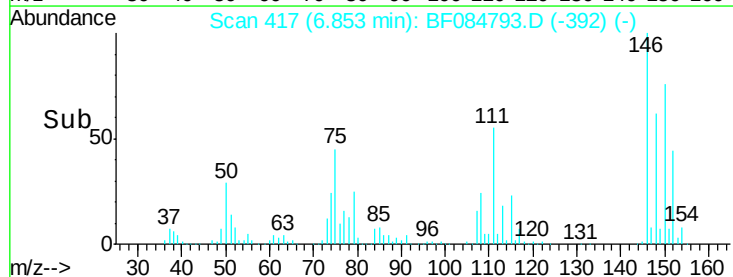
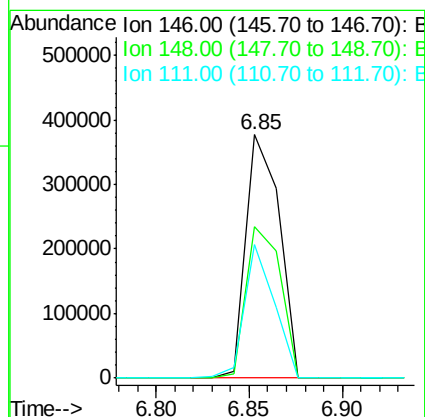
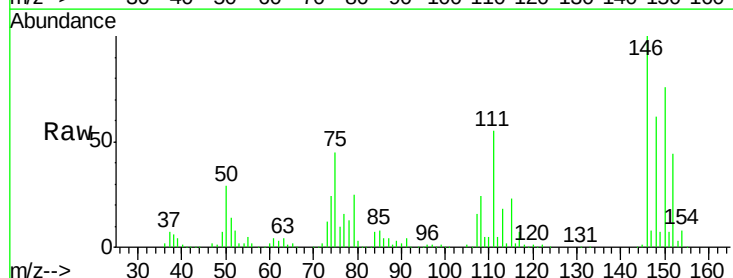
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

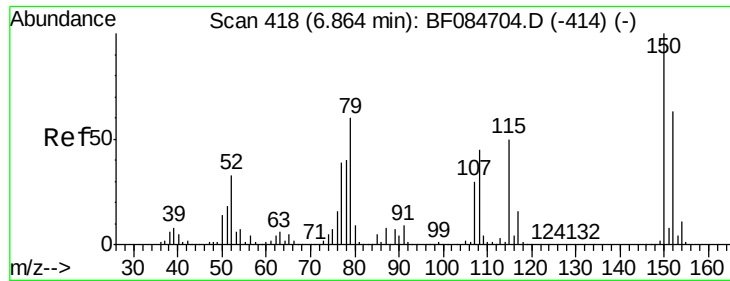
Tgt Ion:146 Resp: 543594
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 46.3 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 35.20 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:146 Resp: 468012
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.6 77.4
 111 54.6 38.0 57.0

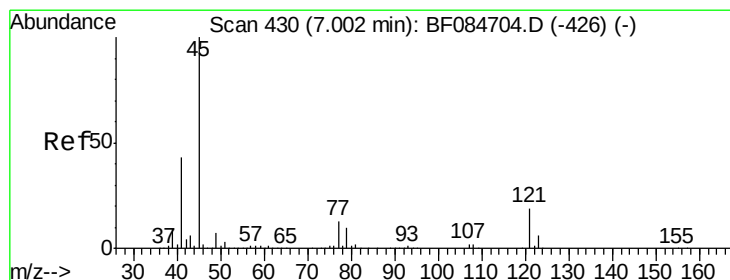
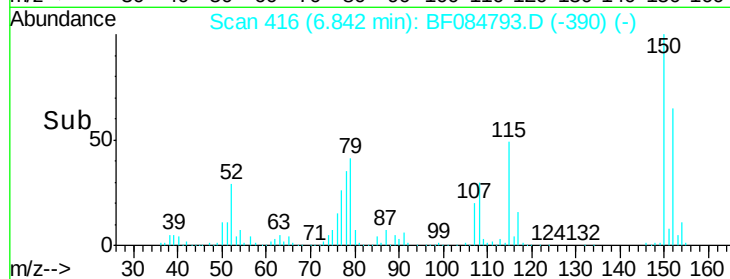
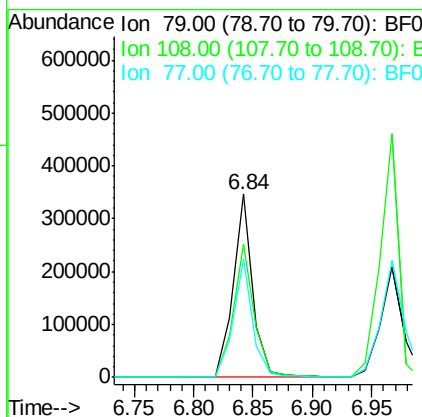
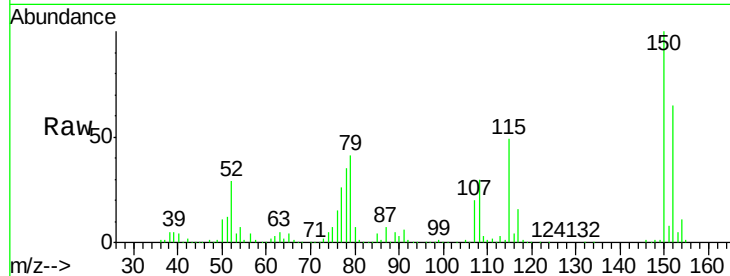




#15
Benzyl Alcohol
Concen: 38.91 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

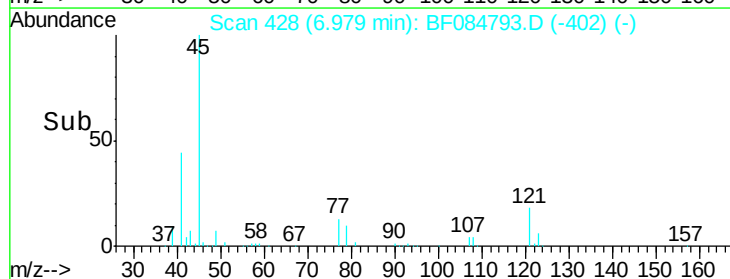
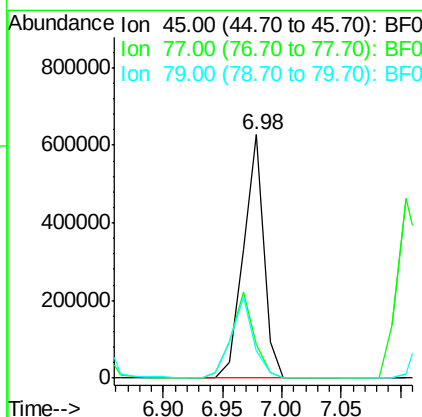
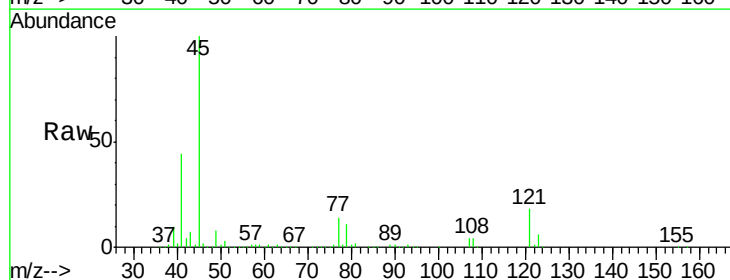
Instrument :
BNA_F
ClientSampleId :
PB88148BS

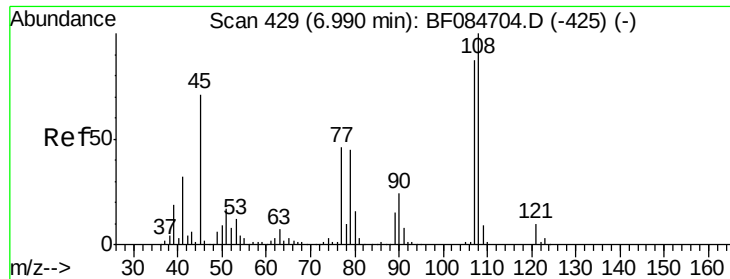
Tgt Ion: 79 Resp: 397811
Ion Ratio Lower Upper
79 100
108 73.2 69.0 103.4
77 64.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.45 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion: 45 Resp: 749487
Ion Ratio Lower Upper
45 100
77 13.8 0.0 39.6
79 11.0 0.0 35.0





#17

2-Methylphenol

Concen: 41.14 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

Tgt Ion:107 Resp: 439748

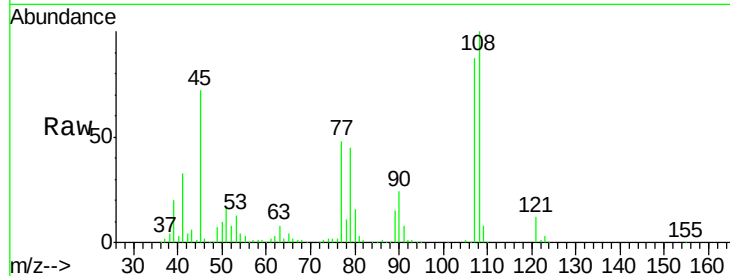
Ion Ratio Lower Upper

107 100

108 115.0 89.8 134.6

77 55.4 35.7 53.5#

79 52.1 35.7 53.5

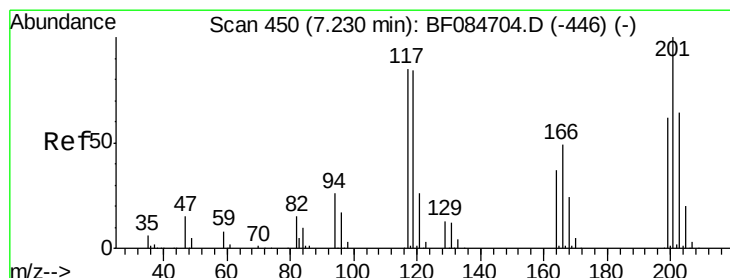
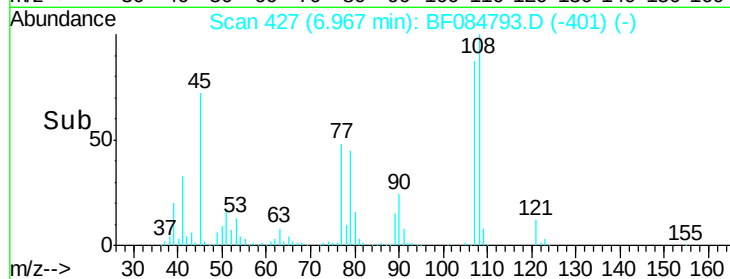
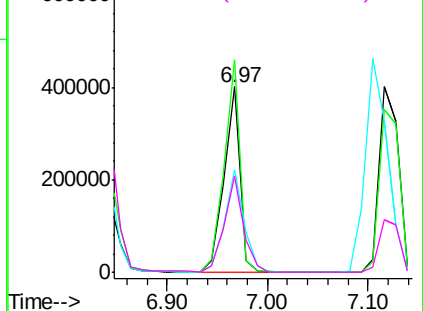


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.42 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

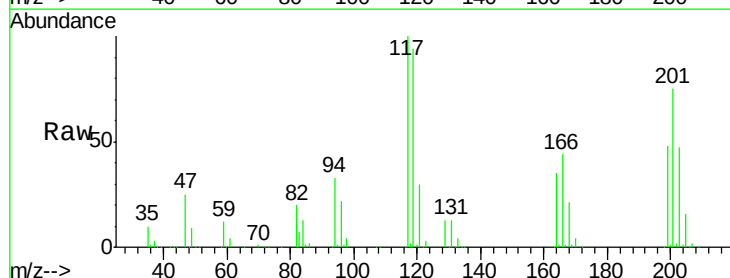
Tgt Ion:117 Resp: 205728

Ion Ratio Lower Upper

117 100

119 93.6 77.4 116.0

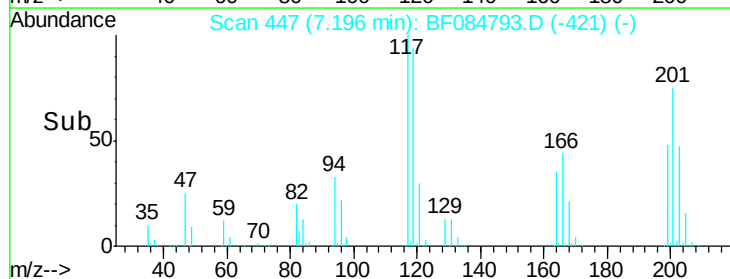
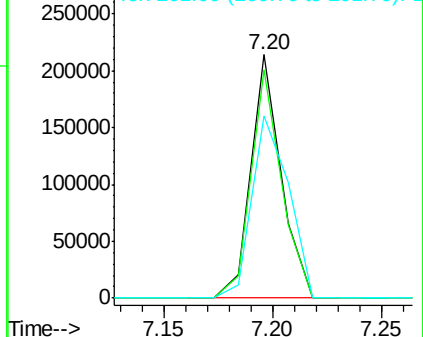
201 74.7 68.6 103.0

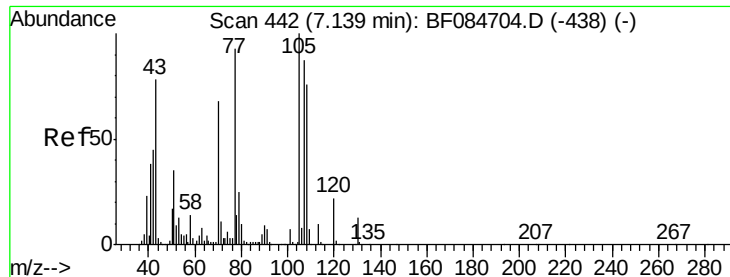


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

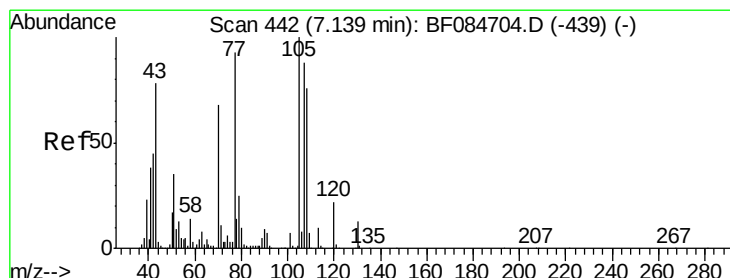
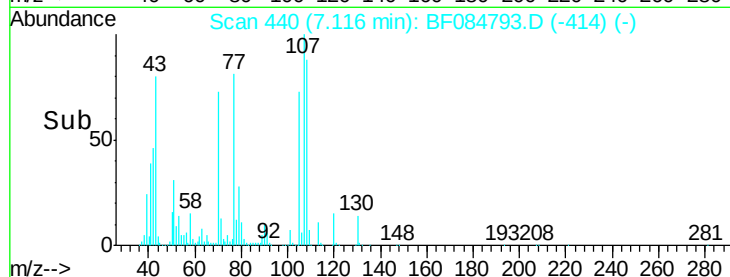
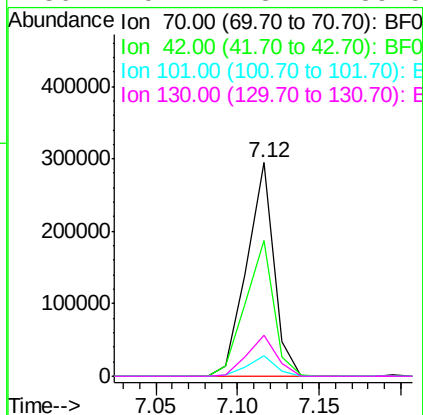
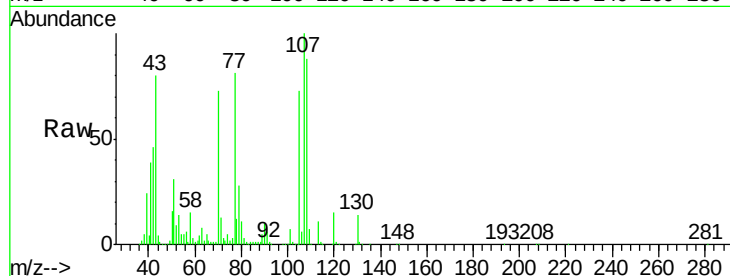




#19
n-Nitroso-di-n-propylamine
Concen: 36.81 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

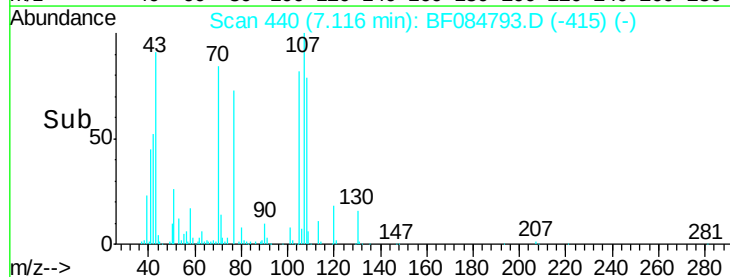
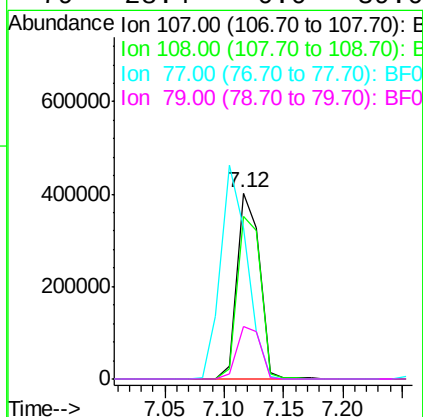
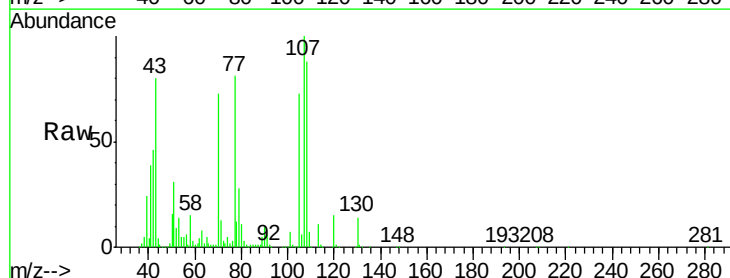
Instrument :
BNA_F
ClientSampleId :
PB88148BS

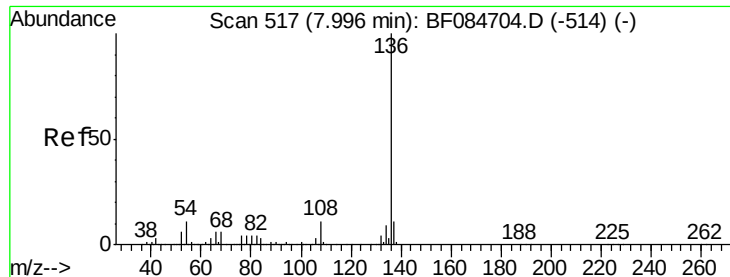
Tgt Ion: 70 Resp: 341590
Ion Ratio Lower Upper
70 100
42 63.3 33.3 49.9#
101 9.5 9.3 13.9
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.19 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion: 107 Resp: 533291
Ion Ratio Lower Upper
107 100
108 87.8 74.6 114.6
77 81.1 0.7 40.7#
79 28.4 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

Tgt Ion:136 Resp: 761468

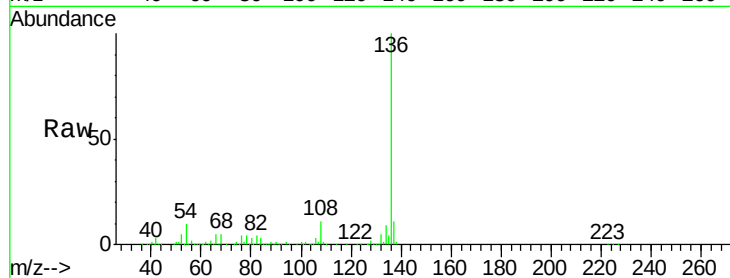
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.7 5.8 8.8#

68 5.3 4.2 6.2

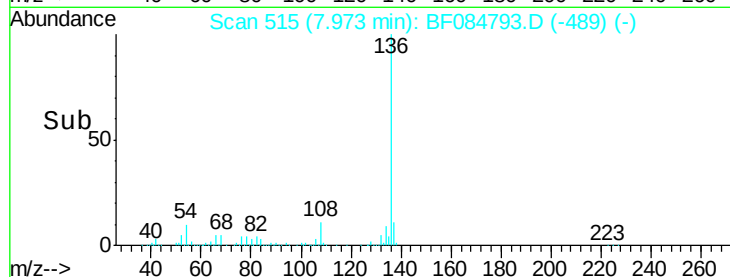


Abundance Ion 136.00 (135.70 to 136.70): E

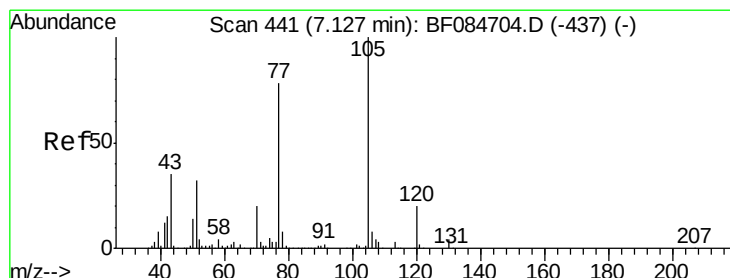
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.26 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:105 Resp: 727787

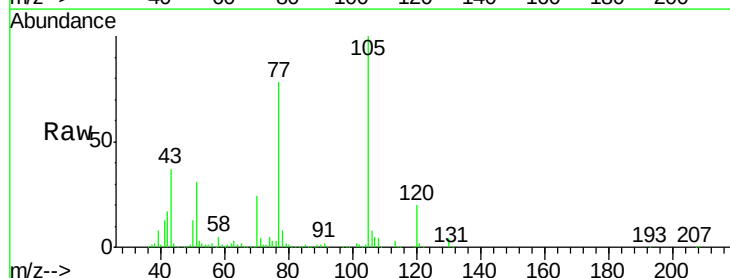
Ion Ratio Lower Upper

105 100

71 3.9 3.7 5.5

51 31.2 25.1 37.7

120 20.3 16.6 25.0

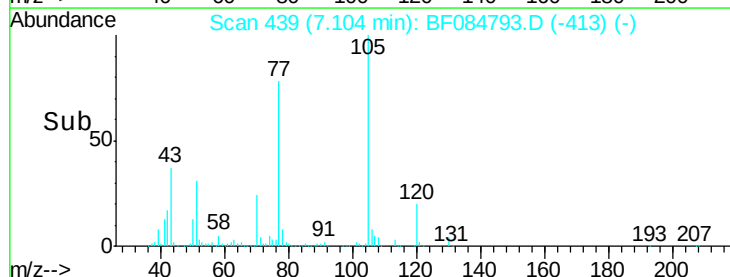


Abundance Ion 105.00 (104.70 to 105.70): E

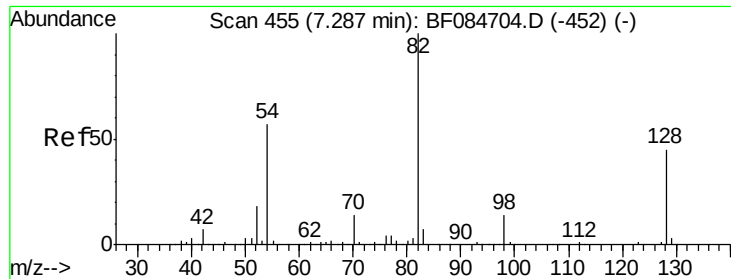
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



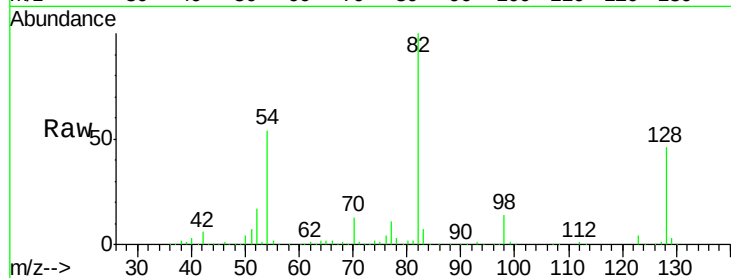
Time-->



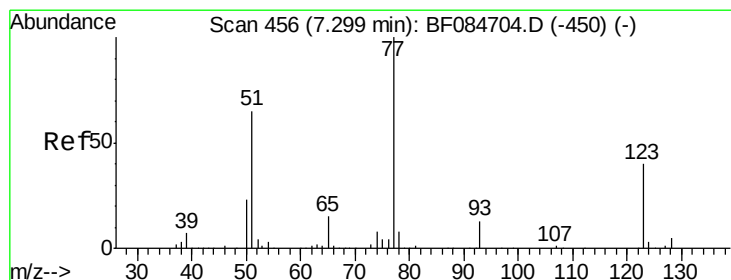
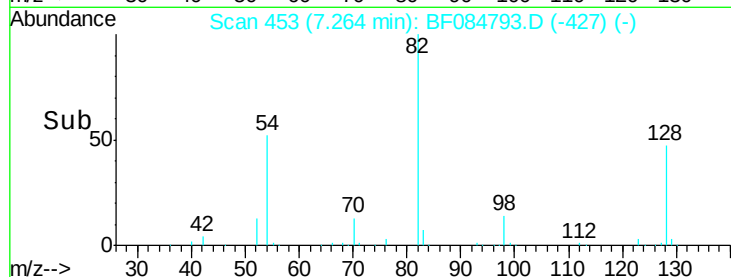
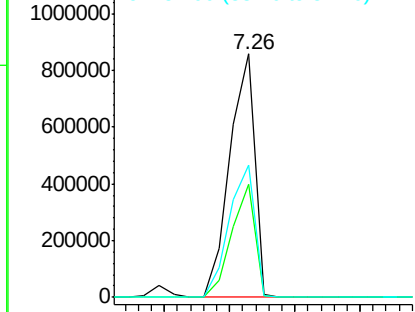
#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tgt Ion: 82 Resp: 1133647
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 51.8
 54 54.1 38.4 57.6

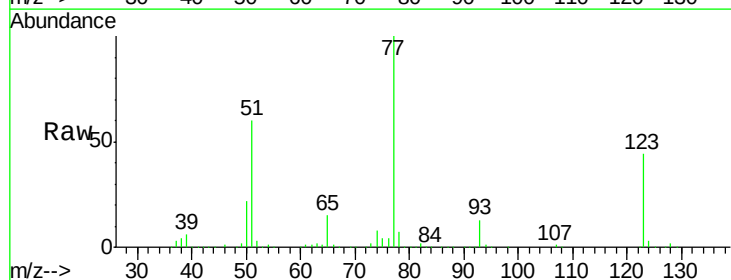


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

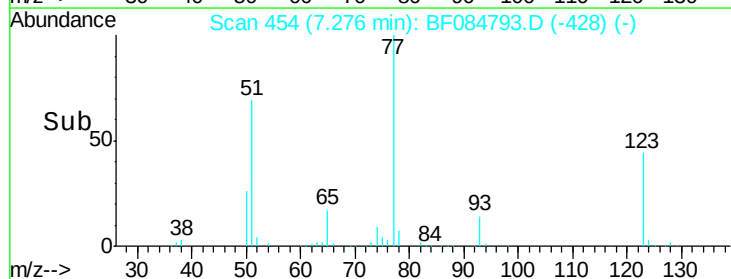
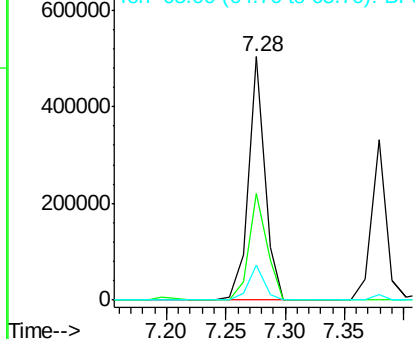


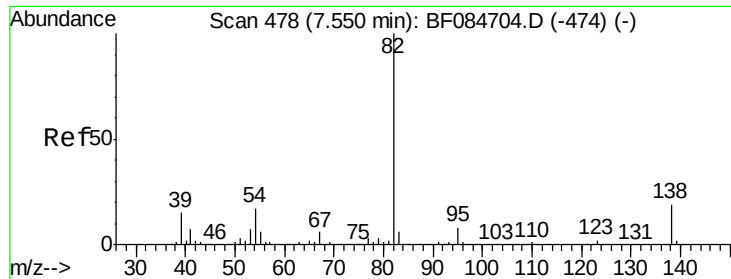
#24
 Nitrobenzene
 Concen: 33.84 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion: 77 Resp: 489858
 Ion Ratio Lower Upper
 77 100
 123 43.6 37.4 56.2
 65 14.6 10.9 16.3



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





#25

Isophorone

Concen: 37.74 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

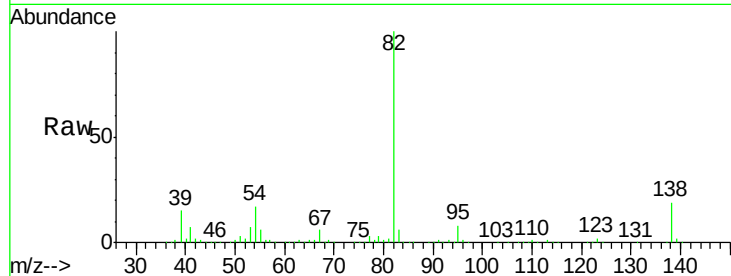
Tgt Ion: 82 Resp: 992086

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

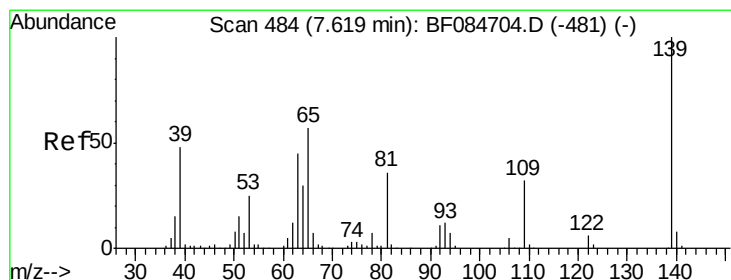
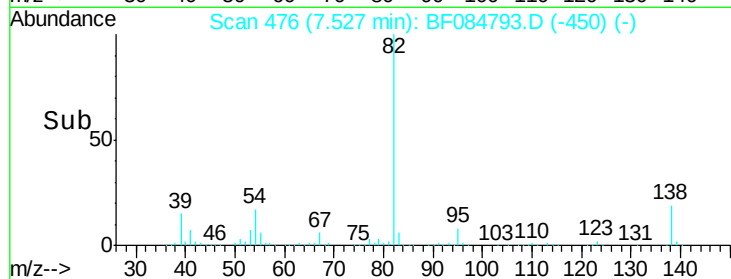
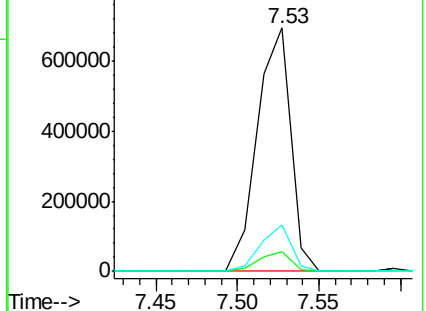
138 19.1 13.6 20.4



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: 40.17 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

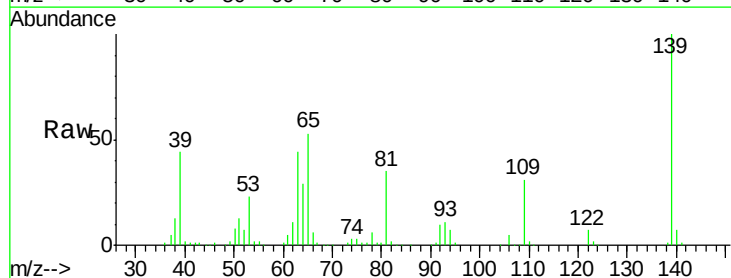
Tgt Ion: 139 Resp: 286762

Ion Ratio Lower Upper

139 100

109 30.9 25.4 38.2

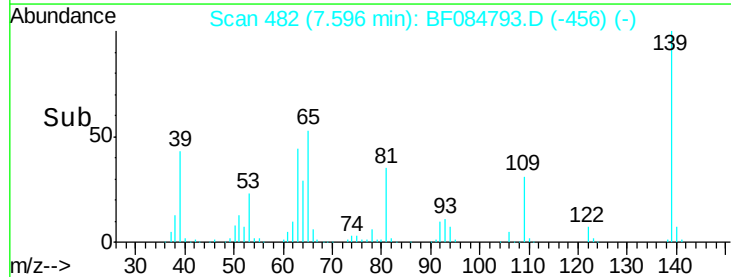
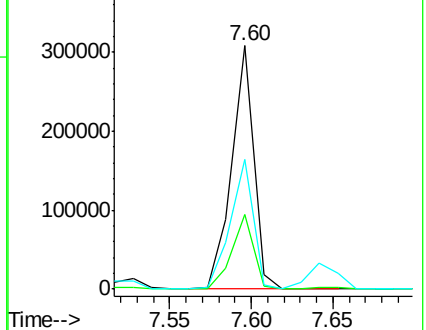
65 53.2 32.3 48.5#

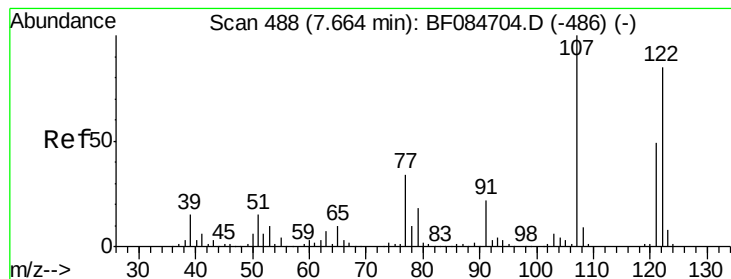


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.79 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

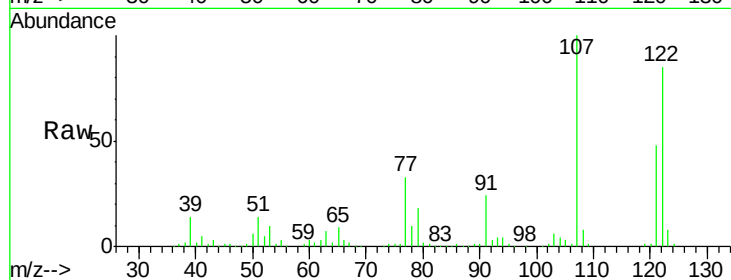
Tgt Ion:122 Resp: 481674

Ion Ratio Lower Upper

122 100

107 117.1 99.1 148.7

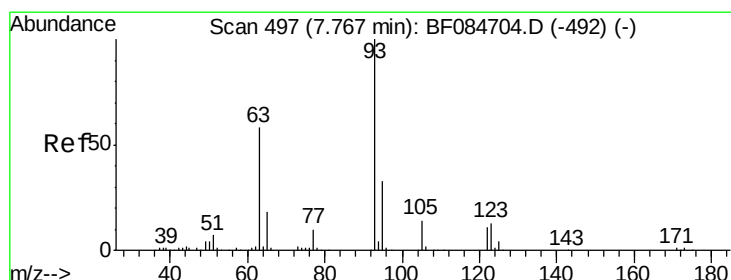
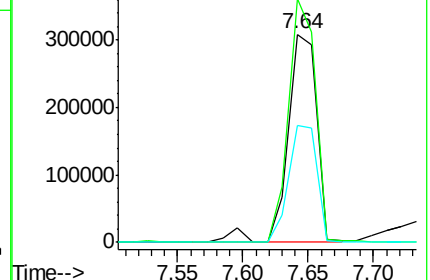
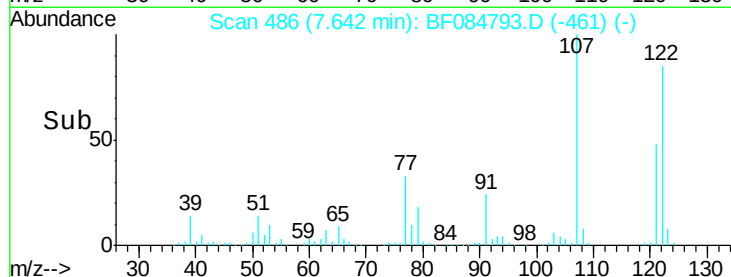
121 56.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.49 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

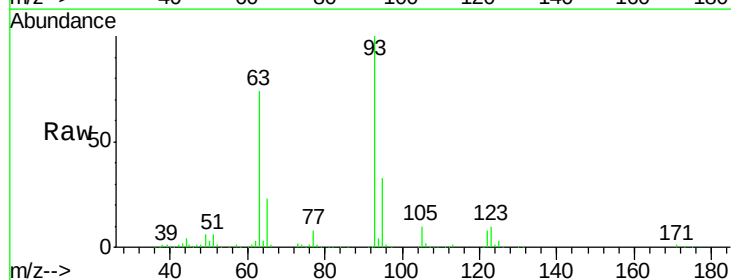
Tgt Ion: 93 Resp: 600233

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

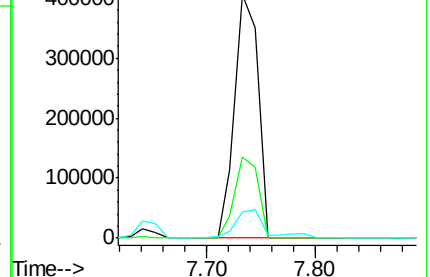
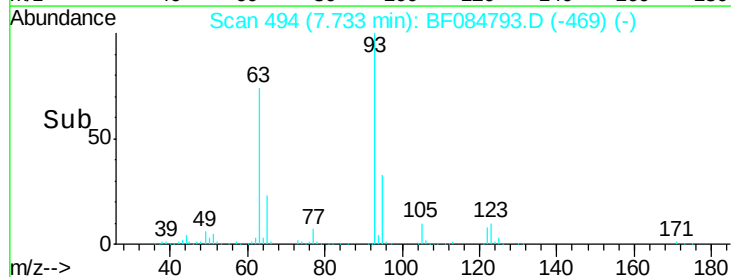
123 10.5 8.6 12.8

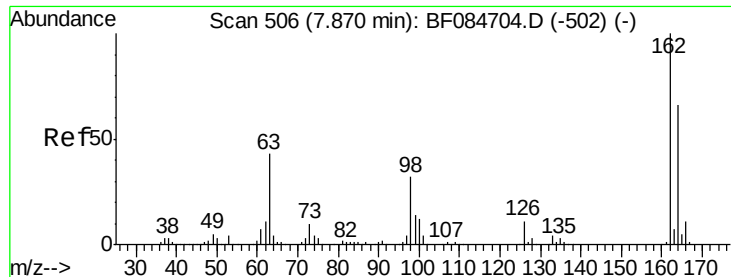


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

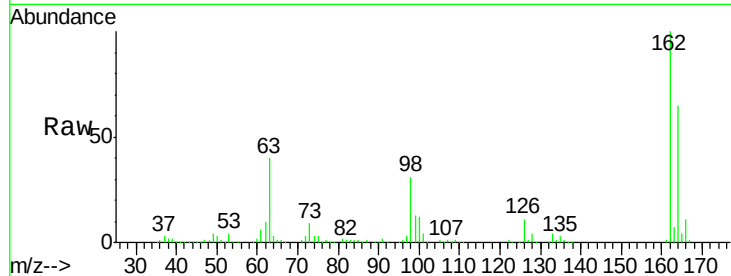




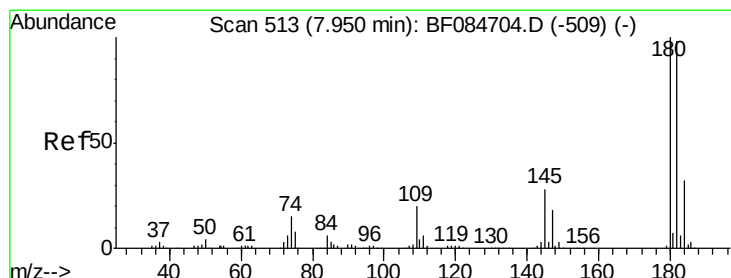
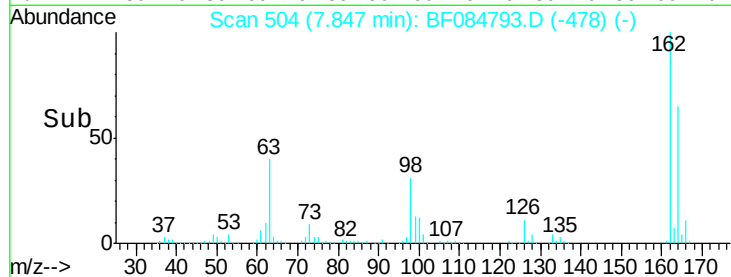
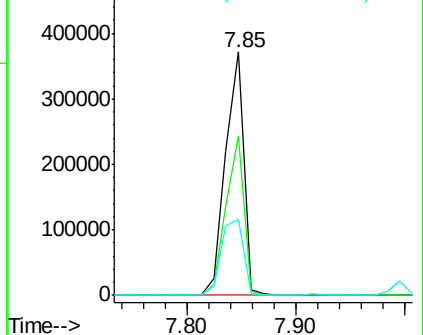
#29
 2,4-Dichlorophenol
 Concen: 40.68 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	31.3	20.2	60.2

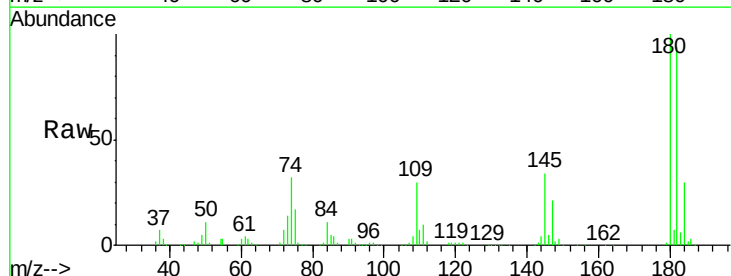


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

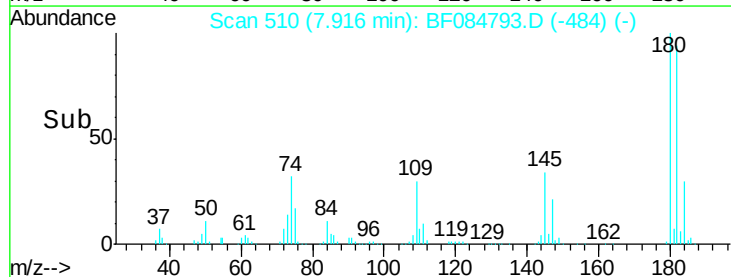
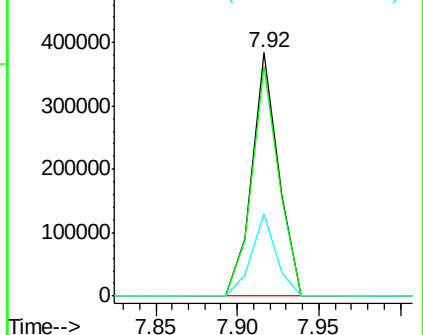


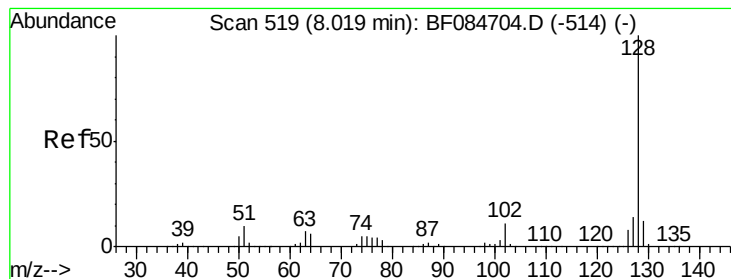
#30
 1,2,4-Trichlorobenzene
 Concen: 36.19 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	33.9	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: 36.36 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

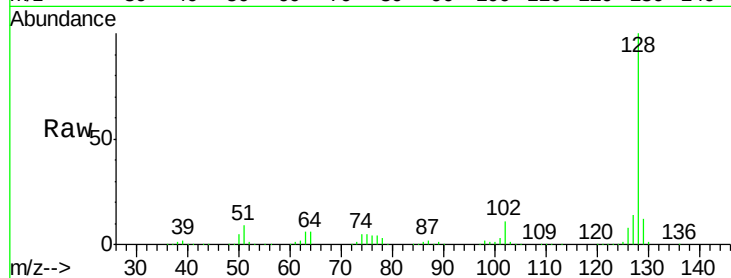
Tgt Ion:128 Resp: 1388943

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

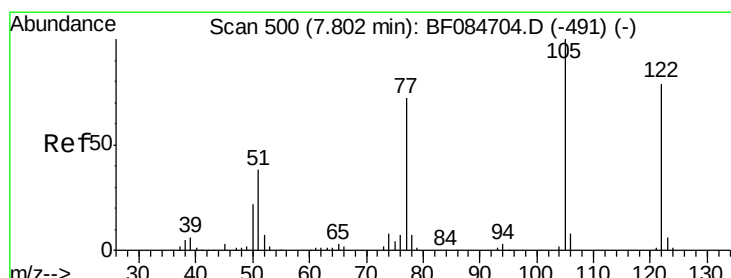
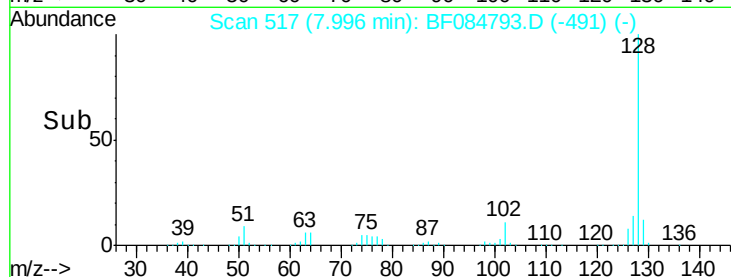
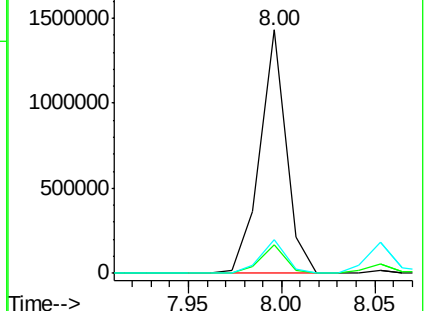
127 13.9 11.1 16.7



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: 36.45 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

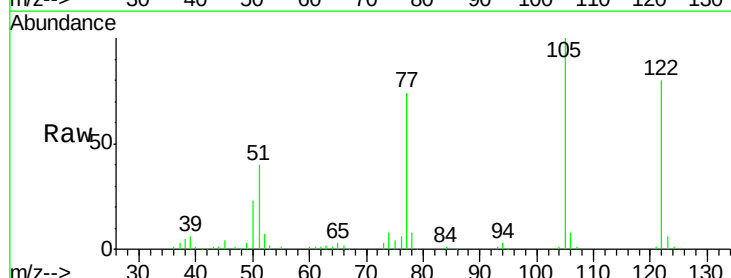
Tgt Ion:122 Resp: 289514

Ion Ratio Lower Upper

122 100

105 125.0 100.3 140.3

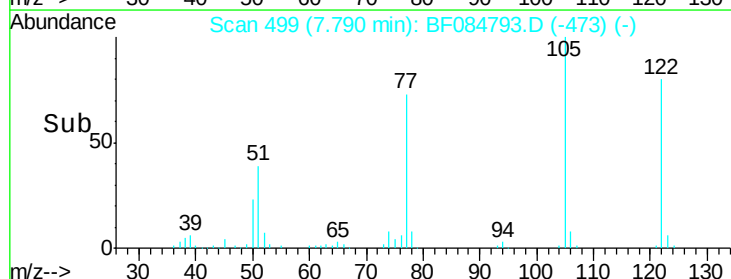
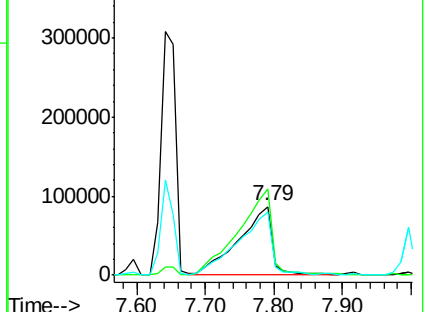
77 92.3 63.5 103.5

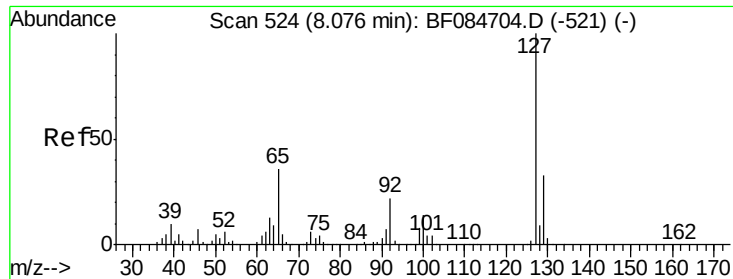


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

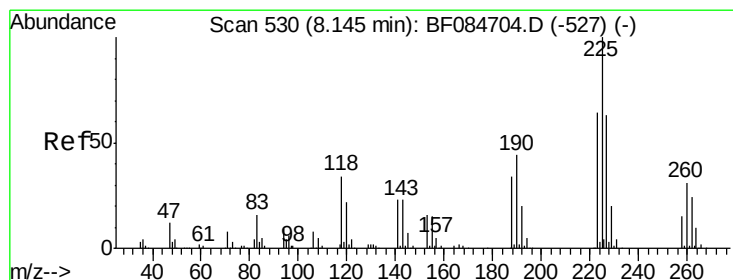
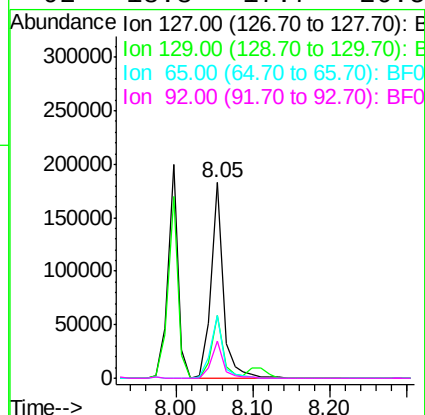
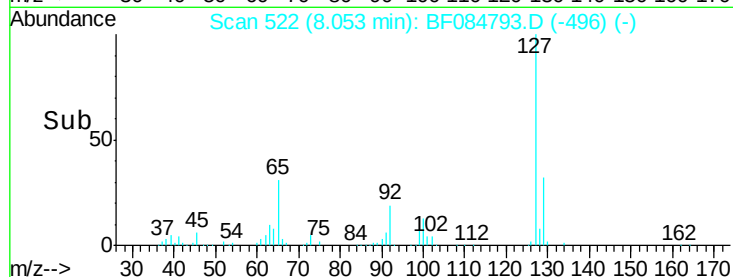
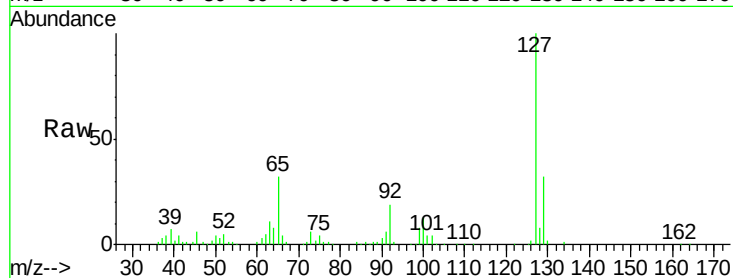




#33
4-Chloroaniline
Concen: 12.82 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

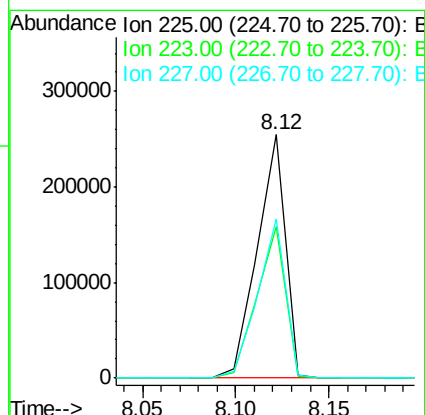
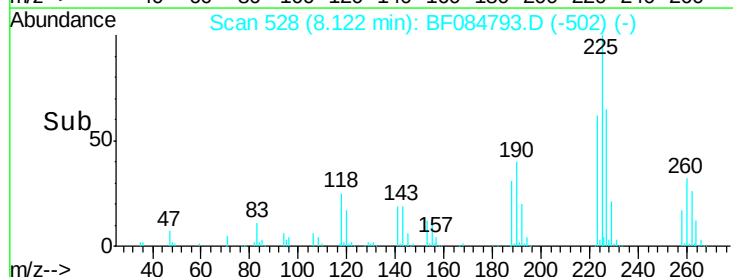
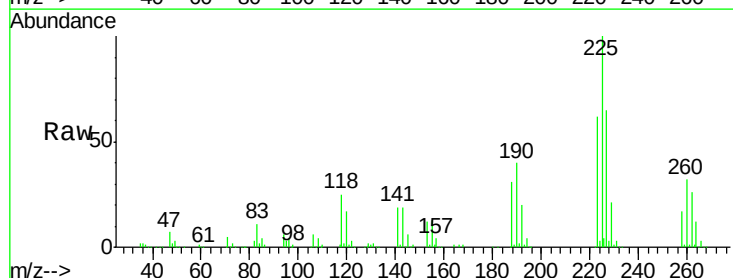
Instrument :
BNA_F
ClientSampleId :
PB88148BS

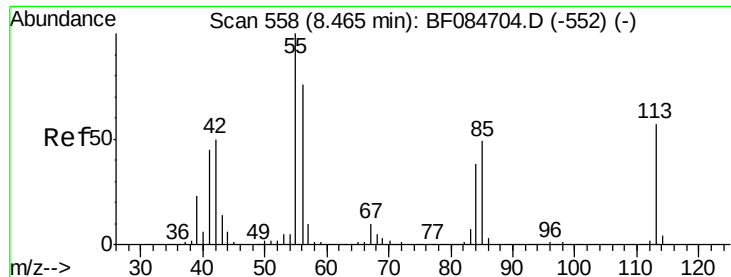
Tgt Ion:	127	Resp:	202524
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	31.9	27.2	40.8
92	18.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.33 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion:	225	Resp:	265260
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	65.2	50.8	76.2





#35

Caprolactam

Concen: 27.02 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

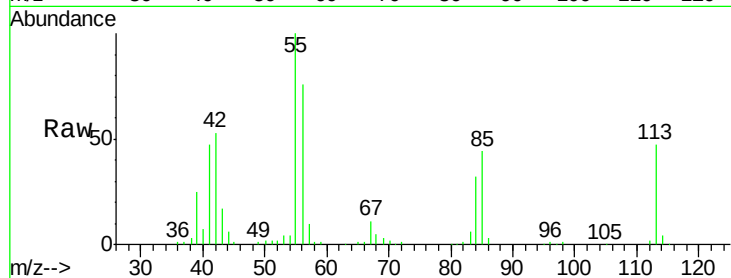
Tgt Ion:113 Resp: 88489

Ion Ratio Lower Upper

113 100

55 213.6 116.9 156.9#

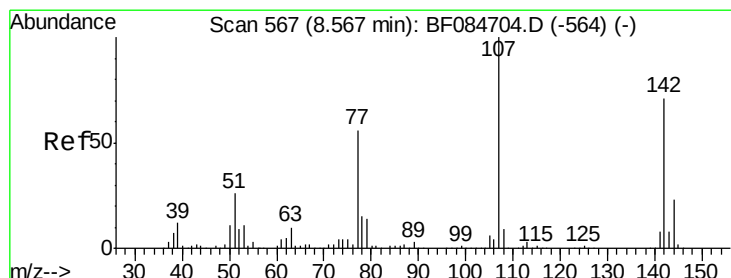
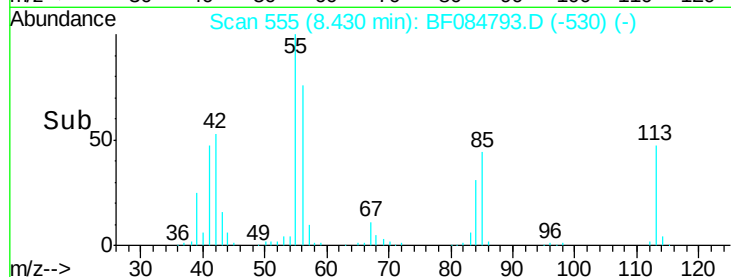
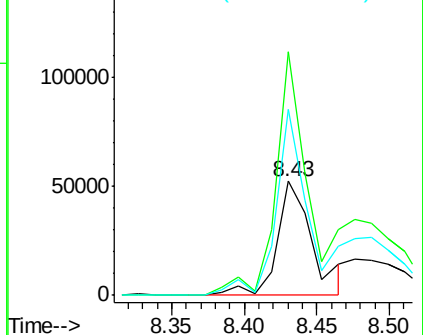
56 163.0 93.8 133.8#



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: 40.55 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

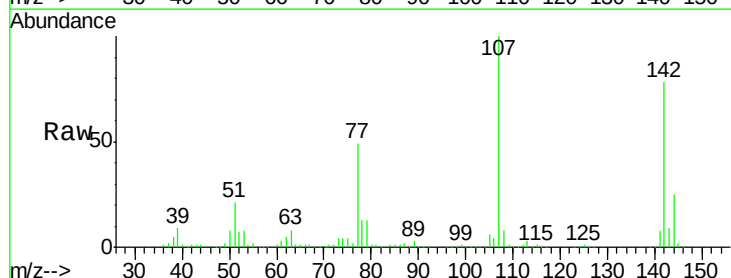
Tgt Ion:107 Resp: 491517

Ion Ratio Lower Upper

107 100

144 24.9 19.7 29.5

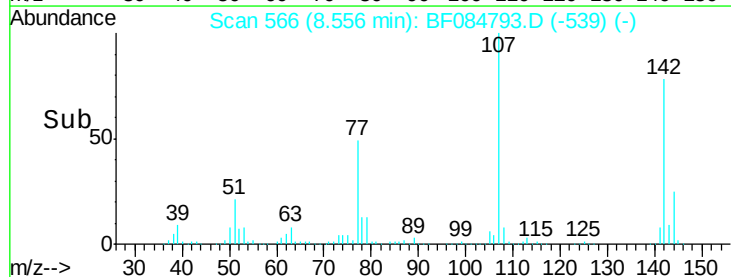
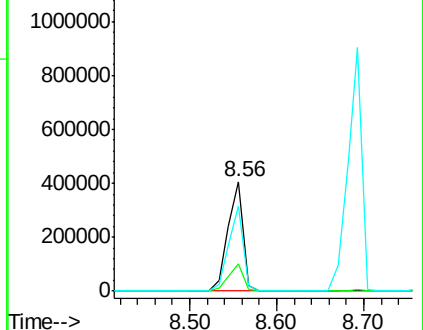
142 77.7 61.8 92.6

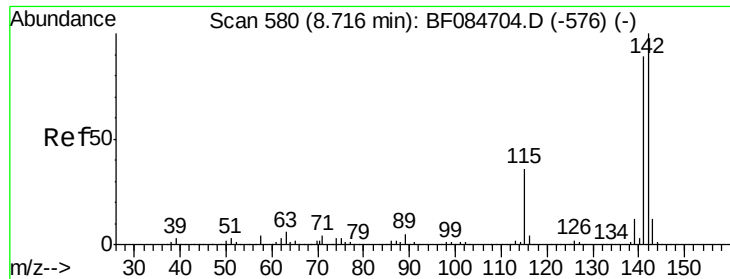


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

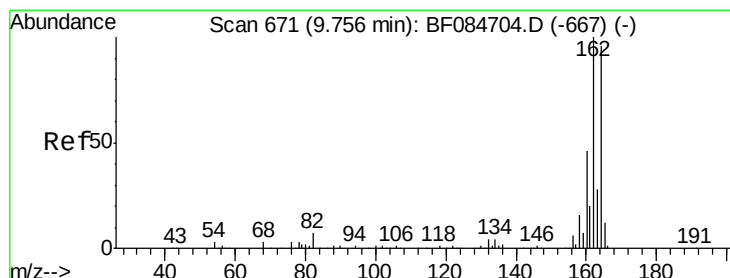
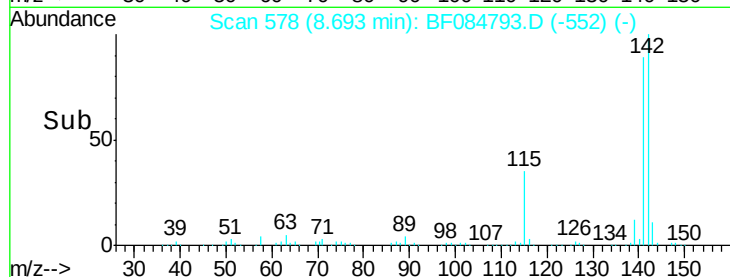
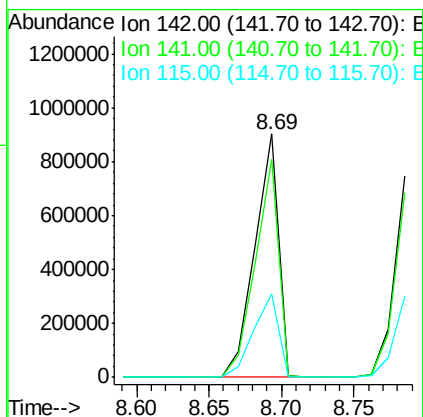
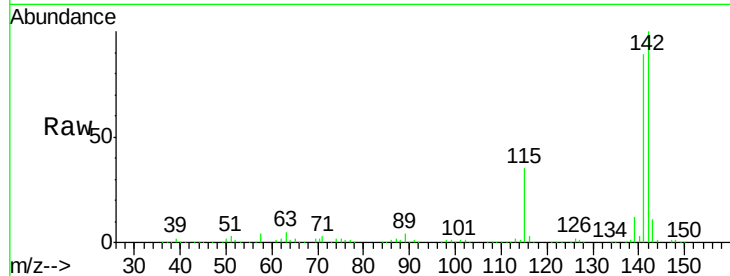




#37
 2-Methylnaphthalene
 Concen: 42.90 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

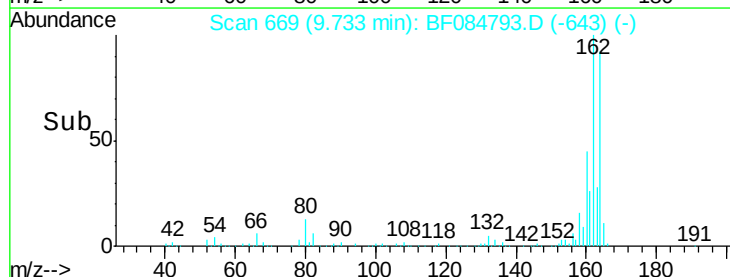
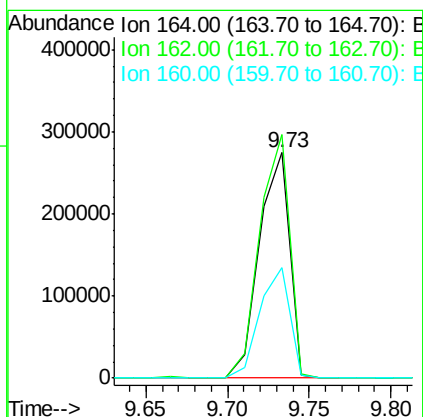
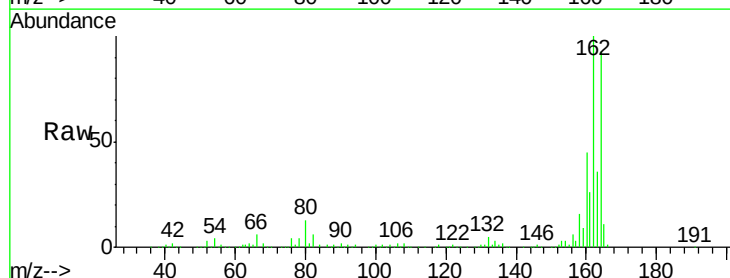
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

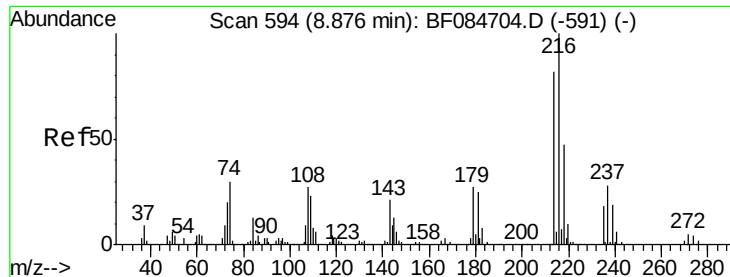
Tgt Ion:142 Resp: 1025662
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.4 108.6
 115 34.5 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:164 Resp: 353904
 Ion Ratio Lower Upper
 164 100
 162 108.0 85.1 127.7
 160 48.7 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.11 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

Tgt Ion:216 Resp: 383372

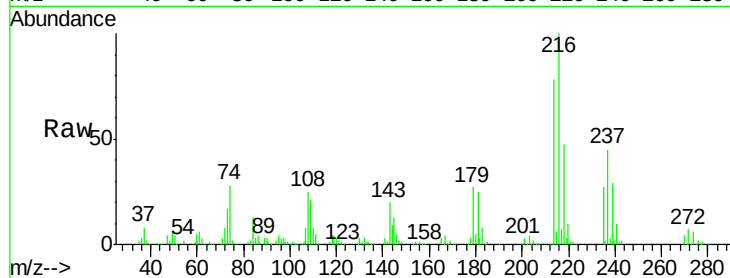
Ion Ratio Lower Upper

216 100

214 77.9 64.2 96.2

179 23.5 18.7 28.1

108 22.8 16.8 25.2

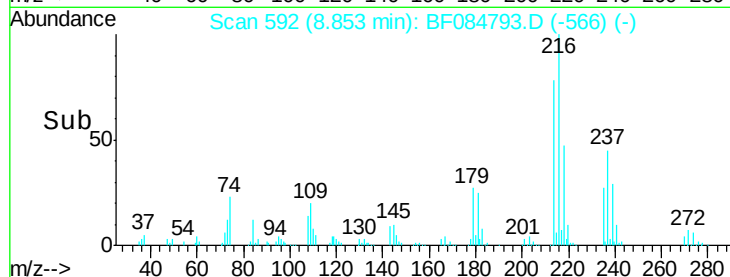


Abundance Ion 216.00 (215.70 to 216.70): E

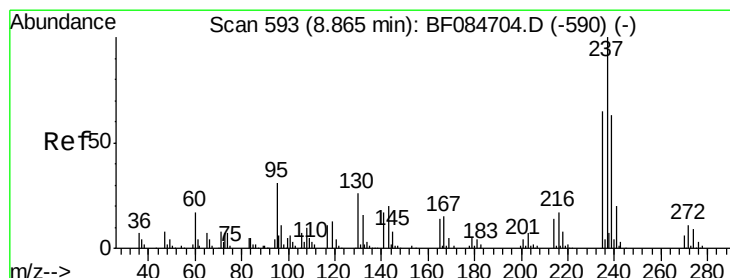
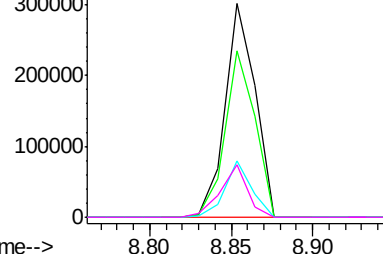
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.64 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

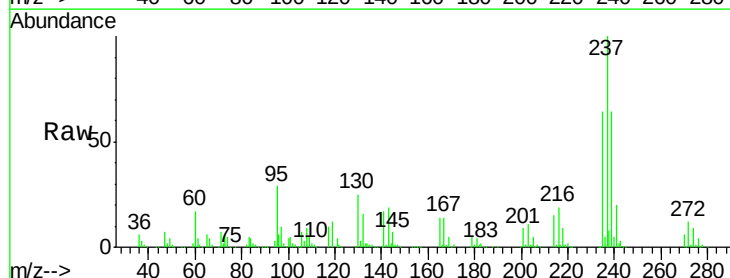
Tgt Ion:237 Resp: 394431

Ion Ratio Lower Upper

237 100

235 64.2 43.1 83.1

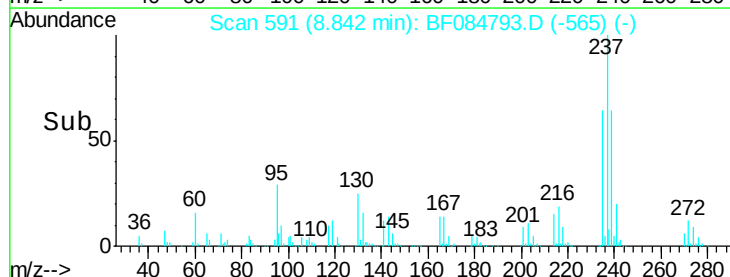
272 12.0 0.0 35.1



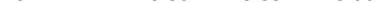
Abundance Ion 236.80 (236.50 to 237.50): E

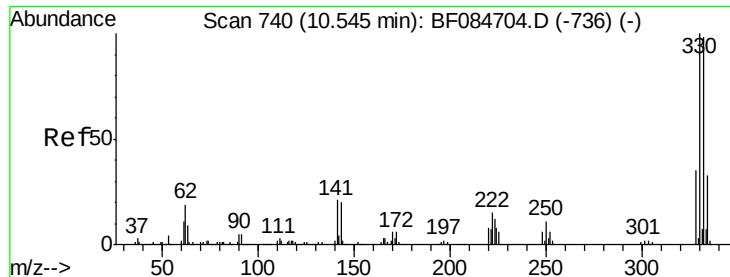
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

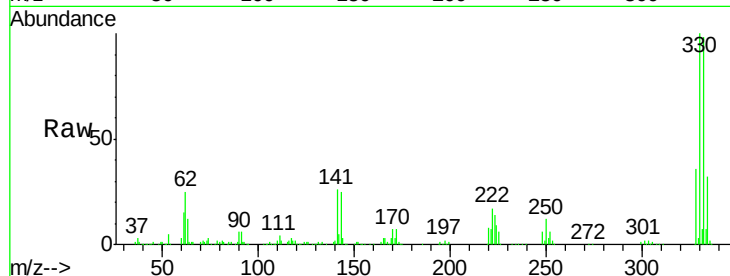




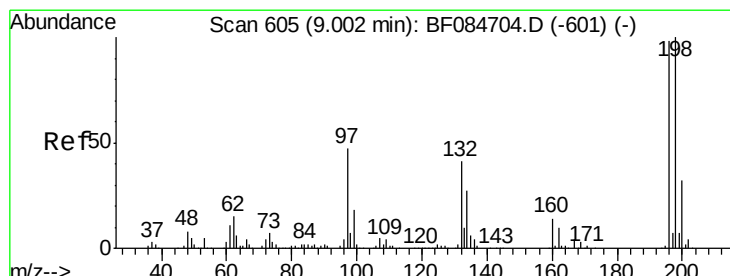
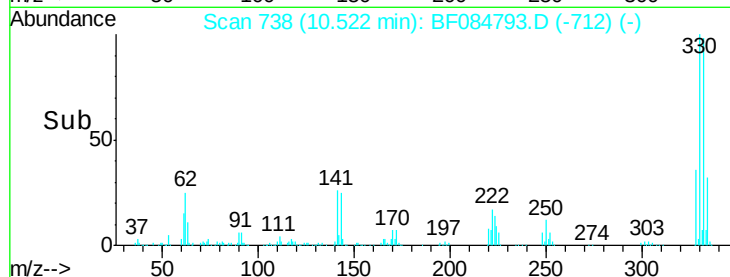
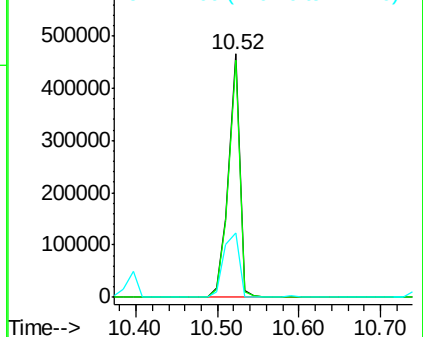
#41
 2,4,6-Tribromophenol
 Concen: 121.67 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tgt Ion:330 Resp: 449153
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 36.7 27.8 41.6

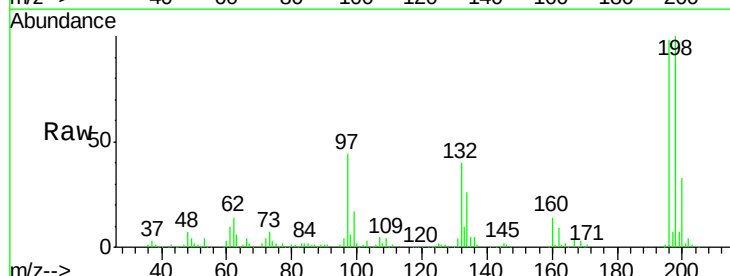


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

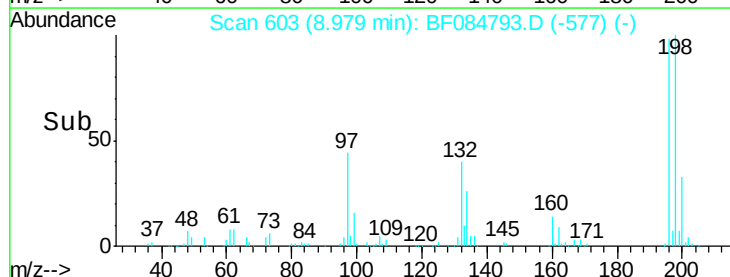
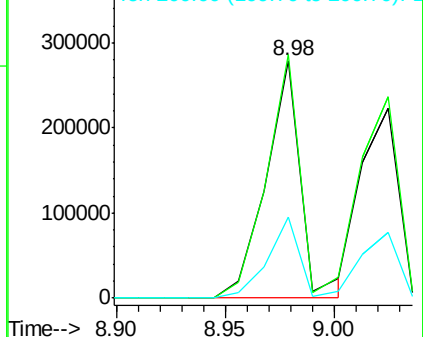


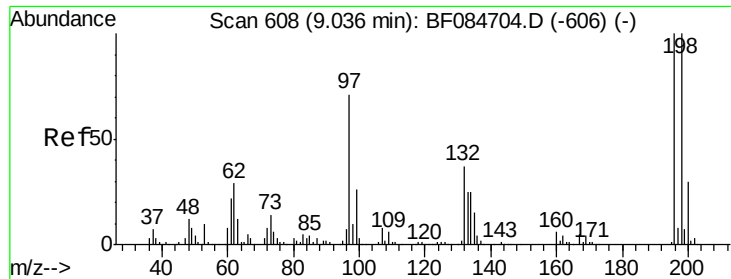
#42
 2,4,6-Trichlorophenol
 Concen: 43.04 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:196 Resp: 311631
 Ion Ratio Lower Upper
 196 100
 198 102.4 77.7 116.5
 200 34.3 24.6 37.0



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

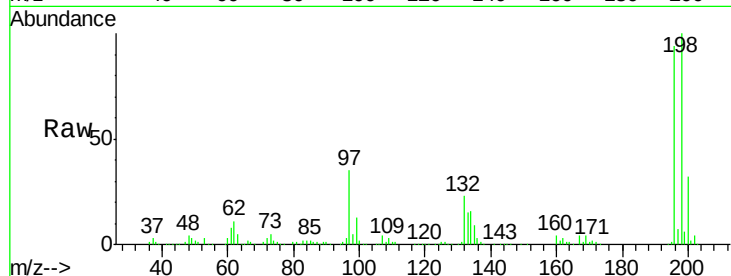




#43
 2,4,5-Trichlorophenol
 Concen: 36.82 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.2	79.0	118.6
97	36.7	33.0	49.6
132	24.1	21.1	31.7



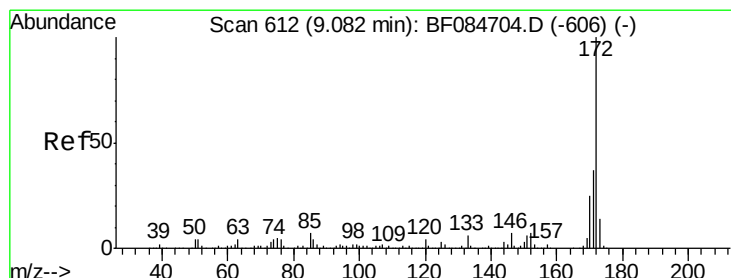
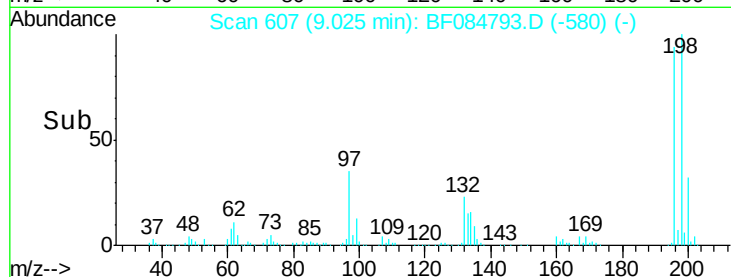
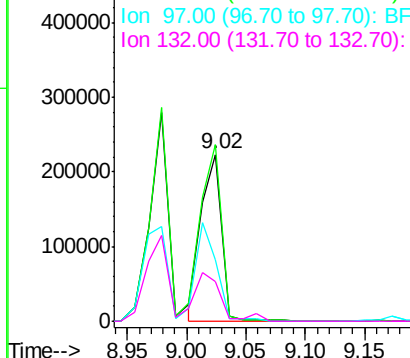
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

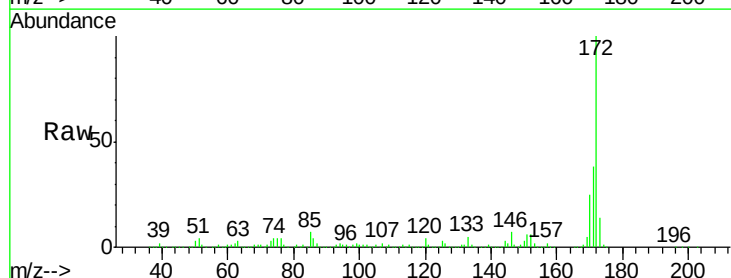
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.64 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.9	43.3
170	25.5	18.6	27.8

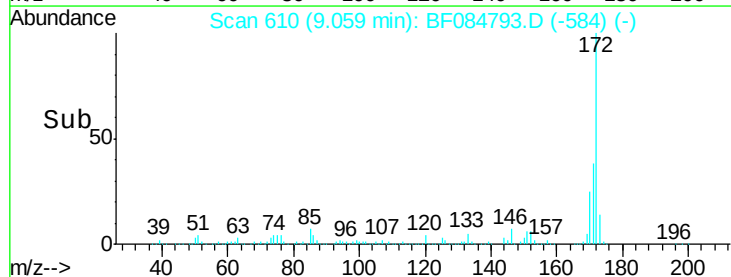
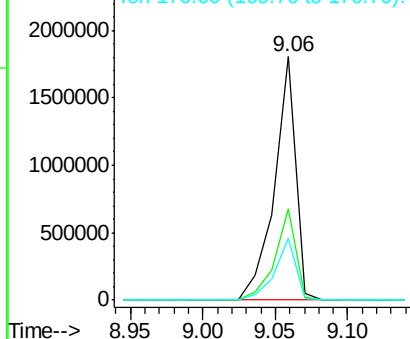


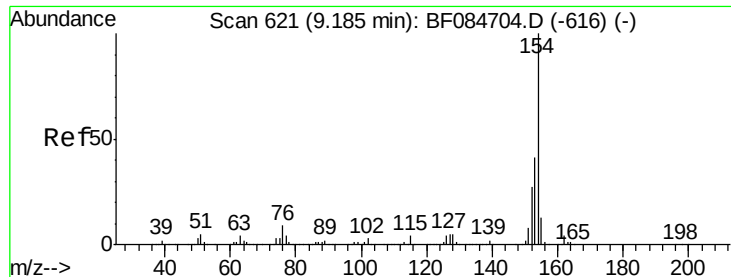
Abundance

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: 36.32 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

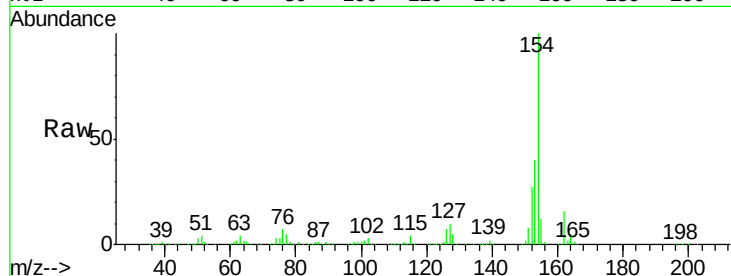
Tgt Ion:154 Resp: 1148091

Ion Ratio Lower Upper

154 100

153 40.4 21.6 61.6

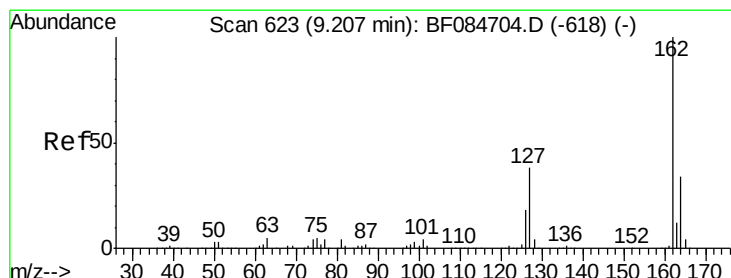
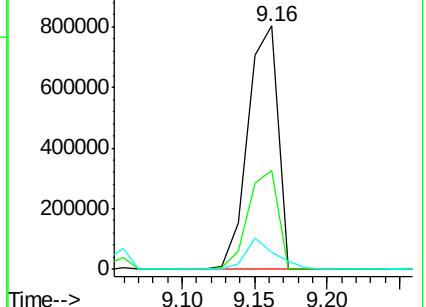
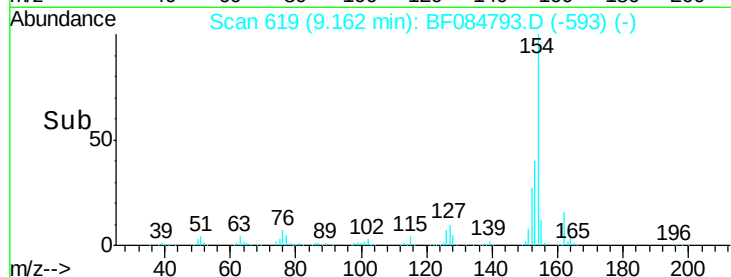
76 7.1 0.0 32.7



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: 36.40 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

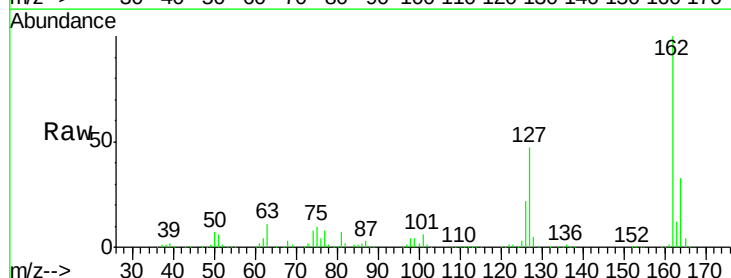
Tgt Ion:162 Resp: 847244

Ion Ratio Lower Upper

162 100

127 46.9 40.2 60.4

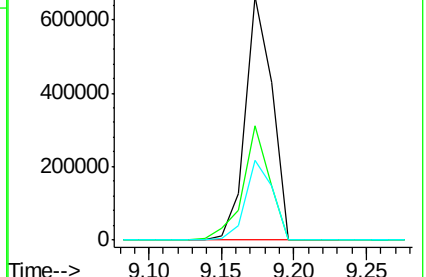
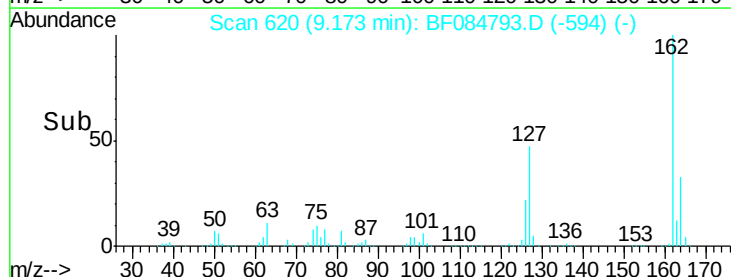
164 32.9 25.7 38.5

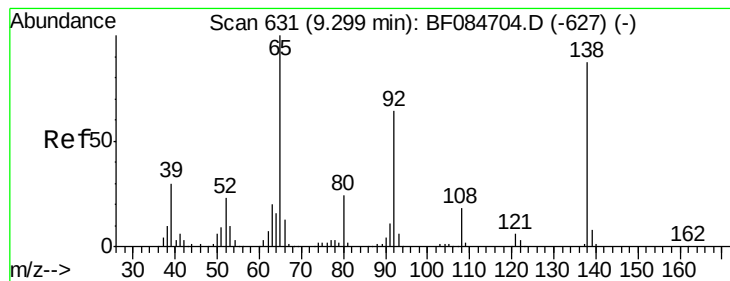


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.88 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

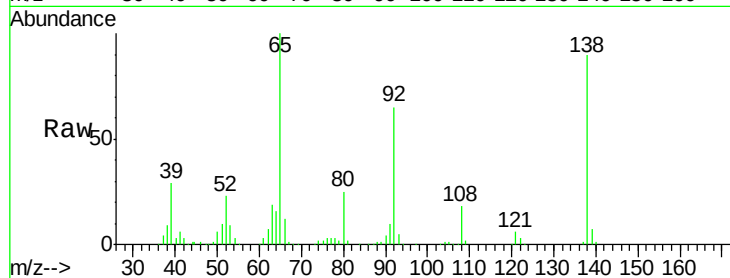
Tgt Ion: 65 Resp: 264470

Ion Ratio Lower Upper

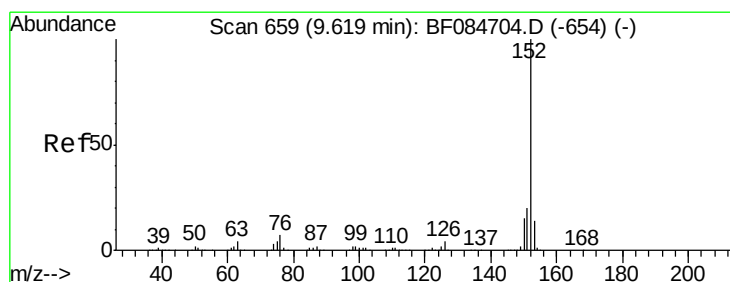
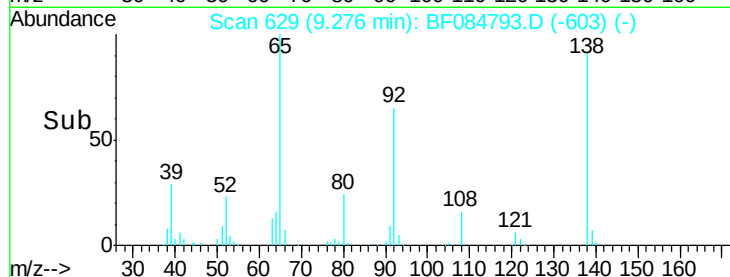
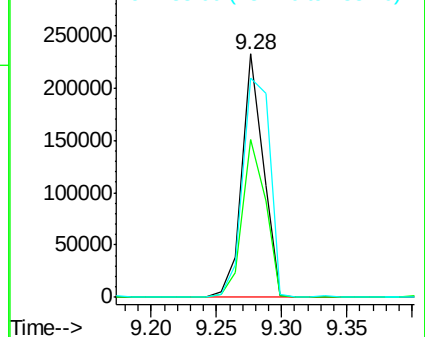
65 100

92 64.6 53.4 80.2

138 90.0 71.1 106.7



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



#48

Acenaphthylene

Concen: 37.52 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

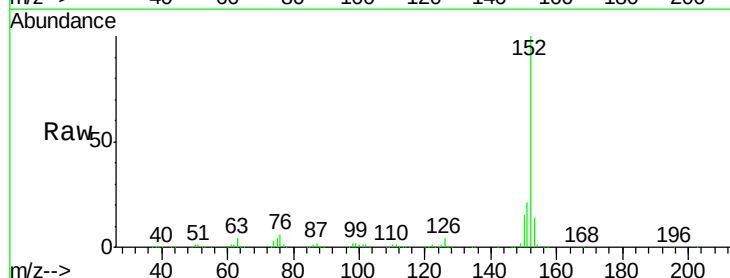
Tgt Ion: 152 Resp: 1325466

Ion Ratio Lower Upper

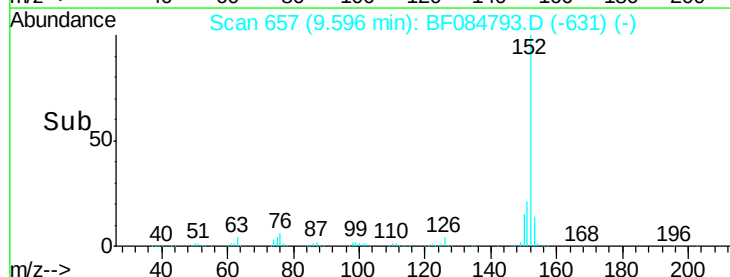
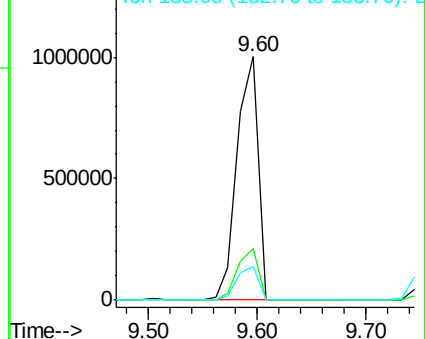
152 100

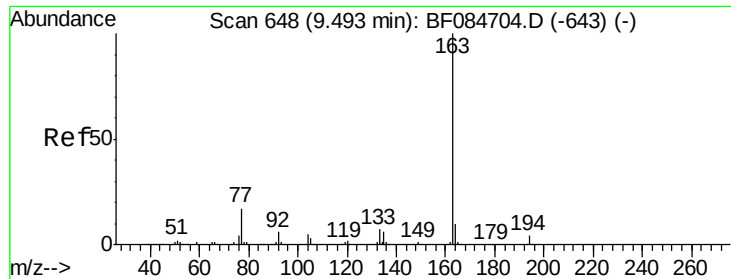
151 21.0 16.3 24.5

153 14.0 10.4 15.6



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





#49

Dimethylphthalate

Concen: 40.35 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

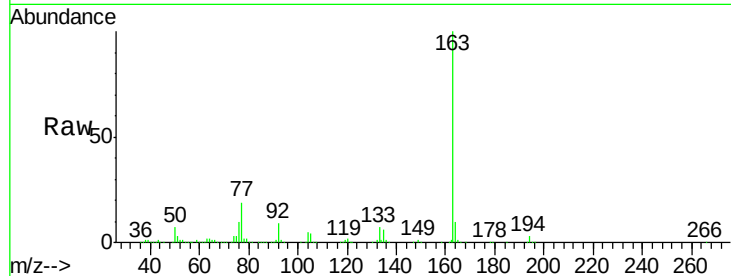
Tgt Ion:163 Resp: 1087729

Ion Ratio Lower Upper

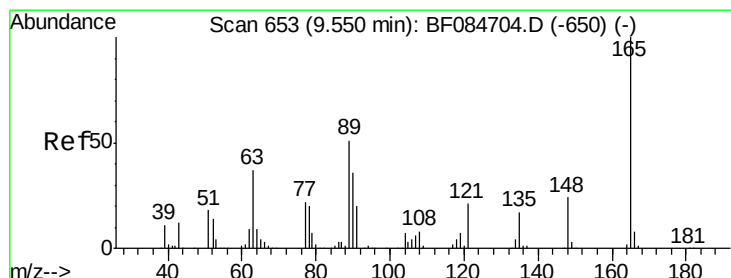
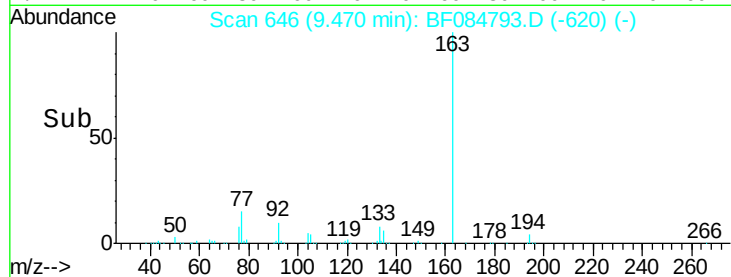
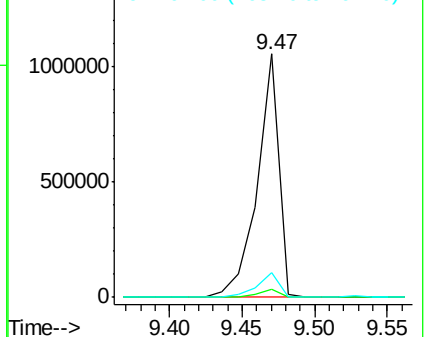
163 100

194 3.5 8.0 12.0#

164 10.3 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: 40.95 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

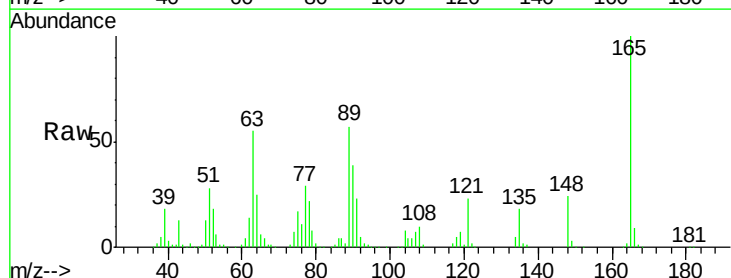
Tgt Ion:165 Resp: 241117

Ion Ratio Lower Upper

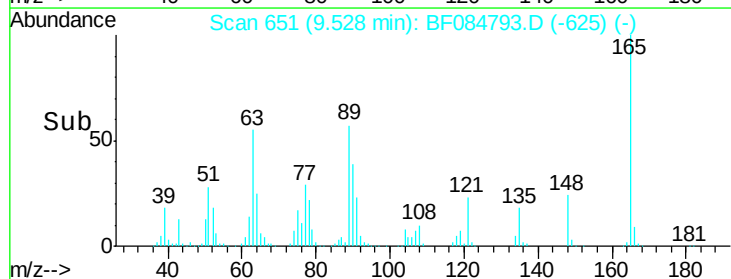
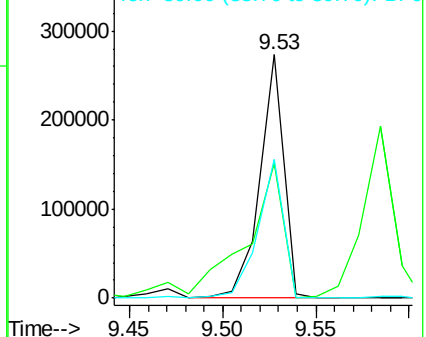
165 100

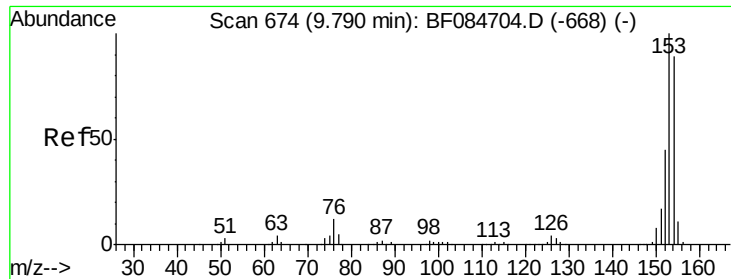
63 55.3 28.8 43.2#

89 57.0 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: 37.98 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

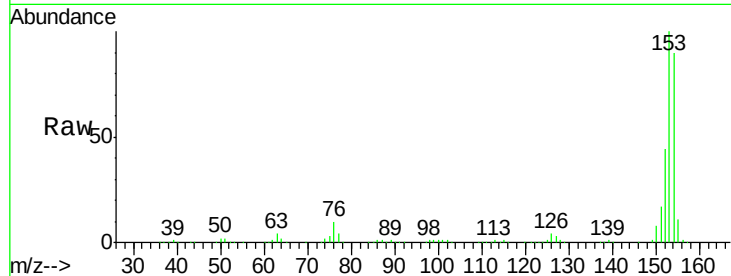
Tgt Ion:154 Resp: 872971

Ion Ratio Lower Upper

154 100

153 111.1 91.5 137.3

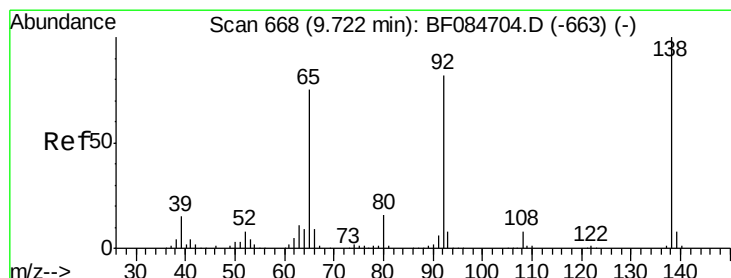
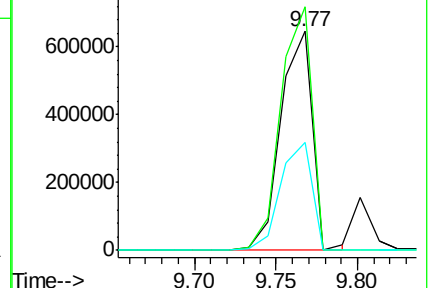
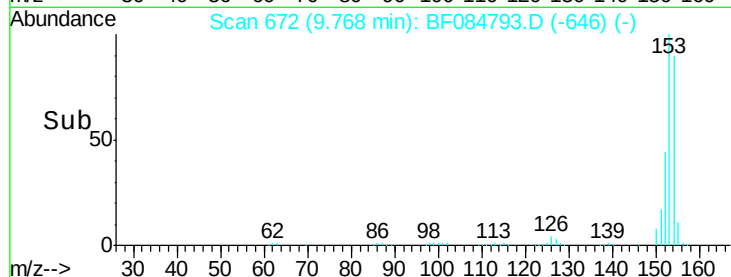
152 49.4 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.42 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

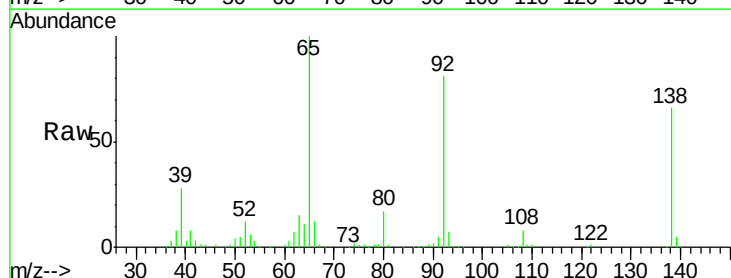
Tgt Ion:138 Resp: 128526

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

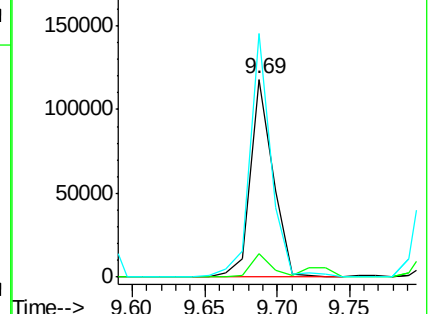
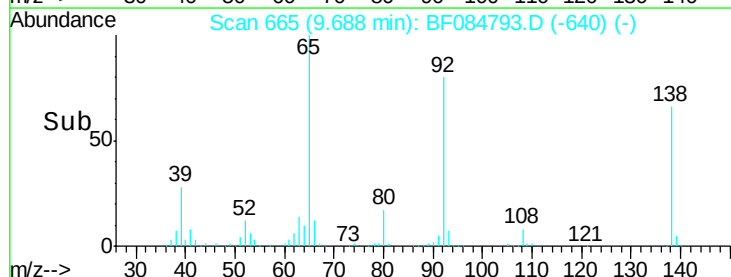
92 123.0 103.9 155.9

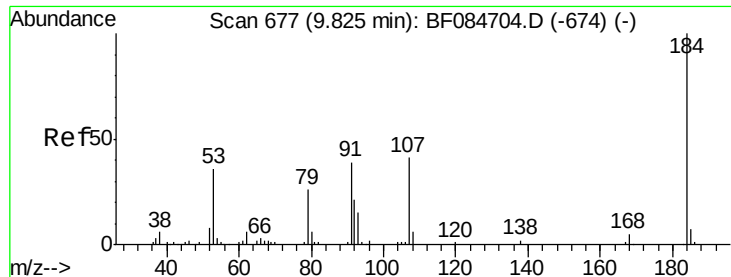


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

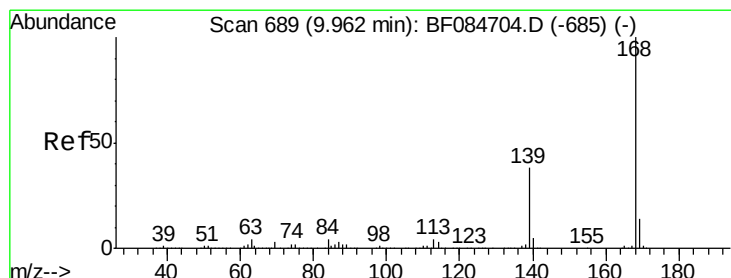
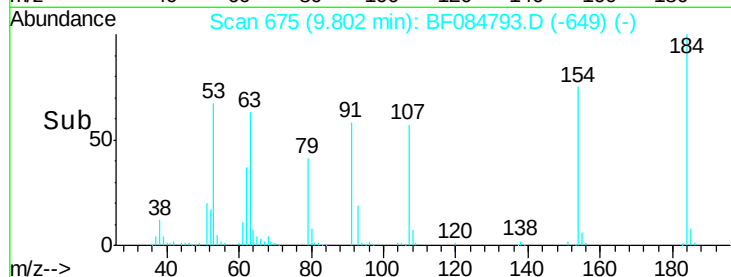
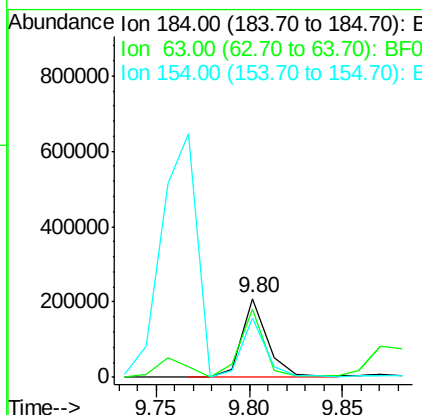
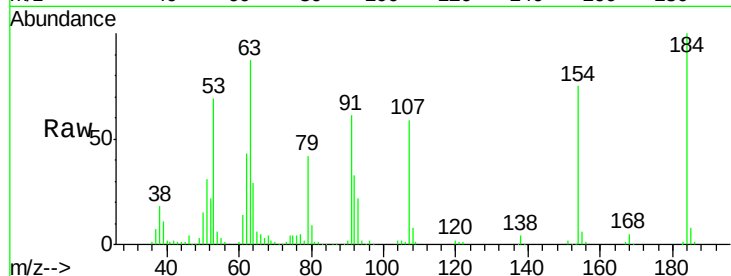




#53
 2,4-Dinitrophenol
 Concen: 74.98 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

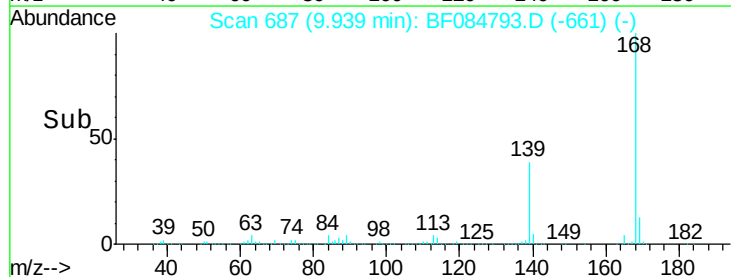
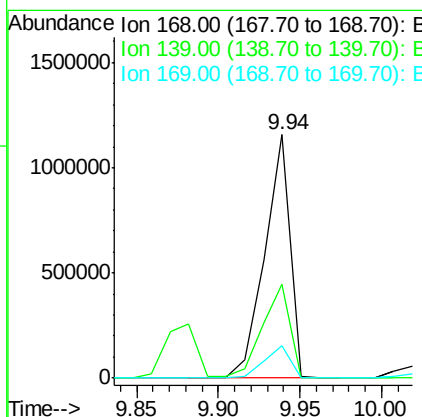
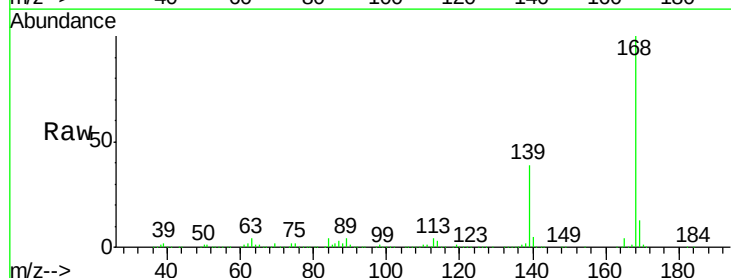
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

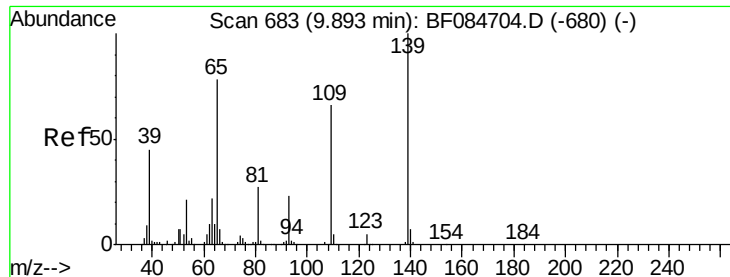
Tgt Ion:184 Resp: 202718
 Ion Ratio Lower Upper
 184 100
 63 87.1 43.1 64.7#
 154 74.9 60.5 90.7



#54
 Dibenzofuran
 Concen: 44.46 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:168 Resp: 1248908
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.5 45.7
 169 13.4 10.4 15.6





#55

4-Nitrophenol

Concen: 73.13 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampled :

PB88148BS

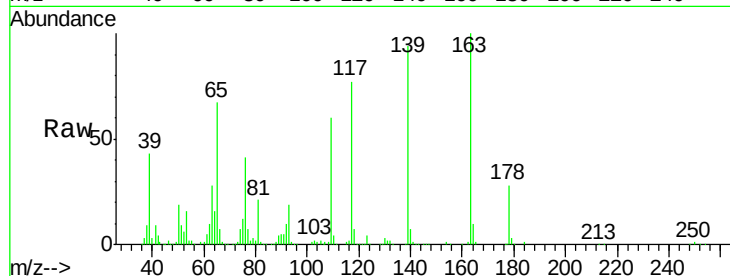
Tgt Ion:139 Resp: 355631

Ion Ratio Lower Upper

139 100

109 63.4 58.5 98.5

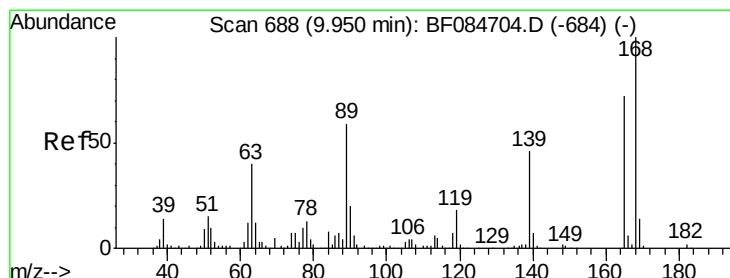
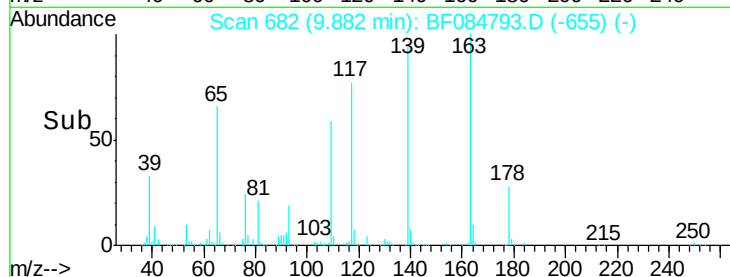
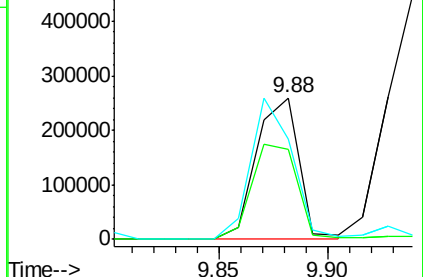
65 71.3 57.6 97.6



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: 35.10 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:165 Resp: 263594

Ion Ratio Lower Upper

165 100

63 68.5 36.7 55.1#

89 94.7 61.9 92.9#

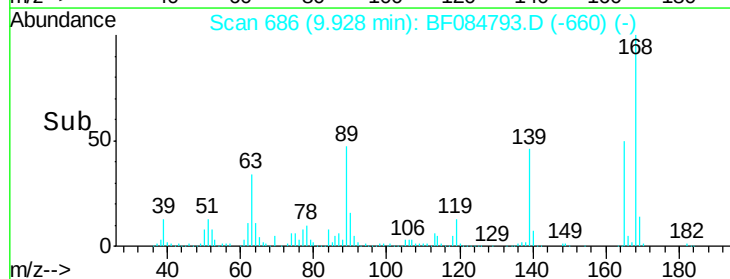
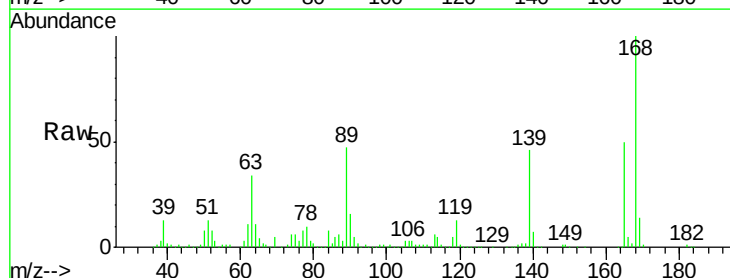
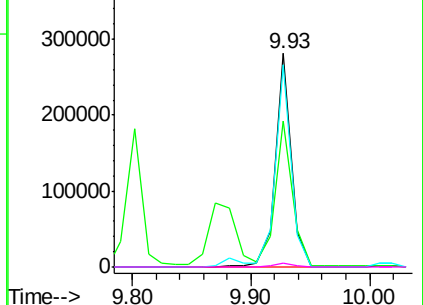
182 2.0 2.0 3.0

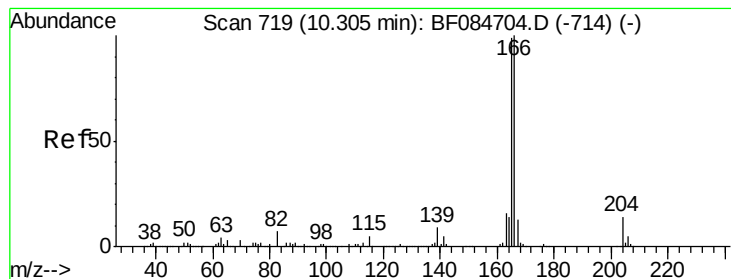
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.33 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

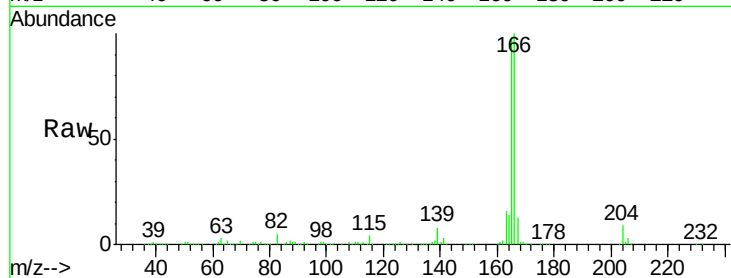
Tgt Ion:166 Resp: 899169

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

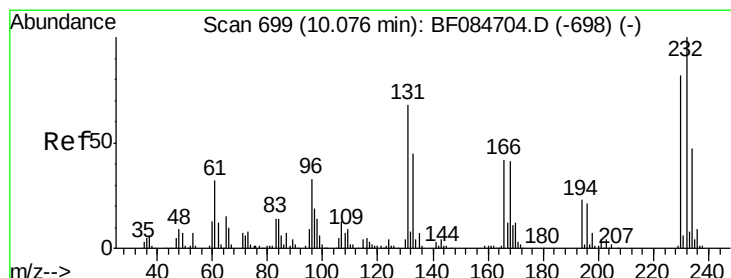
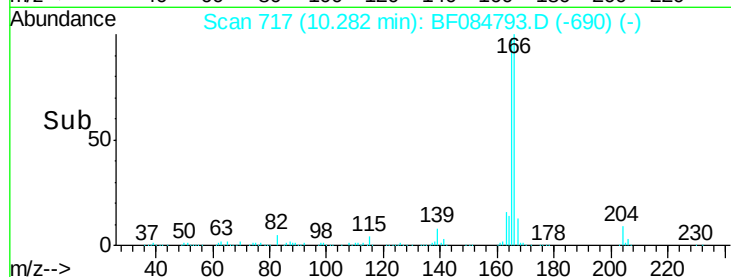
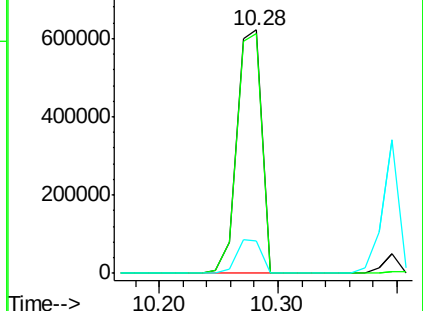
167 13.1 10.4 15.6



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: 40.73 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion:232 Resp: 228133

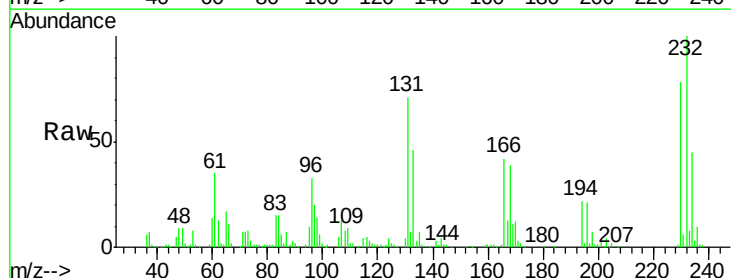
Ion Ratio Lower Upper

232 100

131 51.1 47.0 70.6

130 2.4 2.0 3.0

166 33.6 30.5 45.7

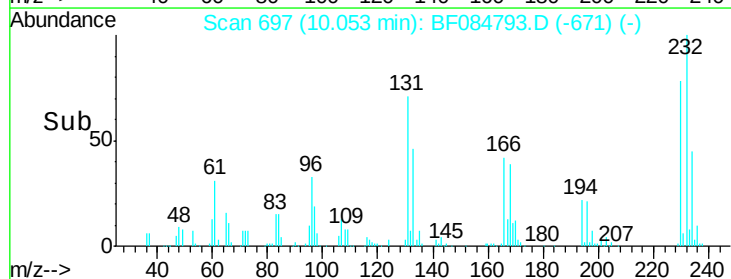
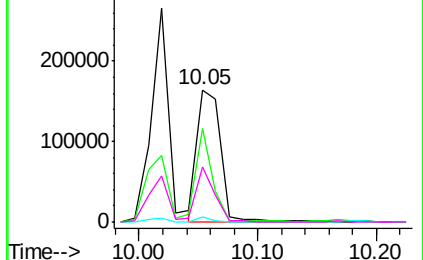


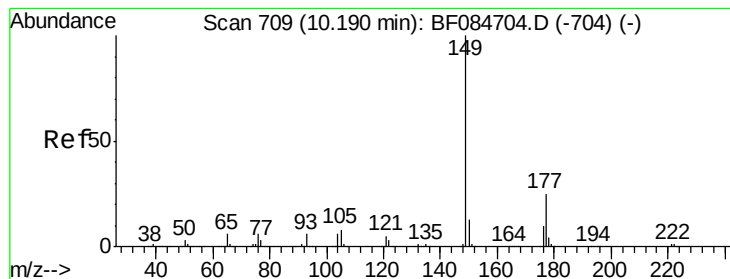
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.86 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

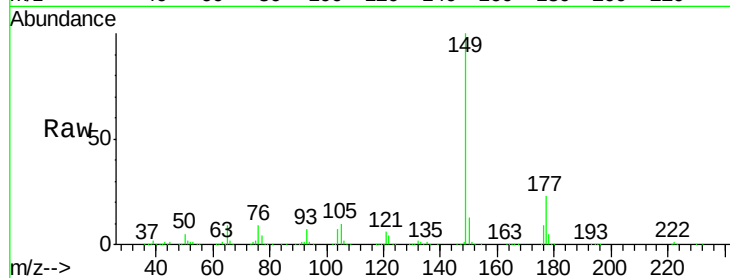
Tgt Ion:149 Resp: 1049262

Ion Ratio Lower Upper

149 100

177 22.9 17.3 25.9

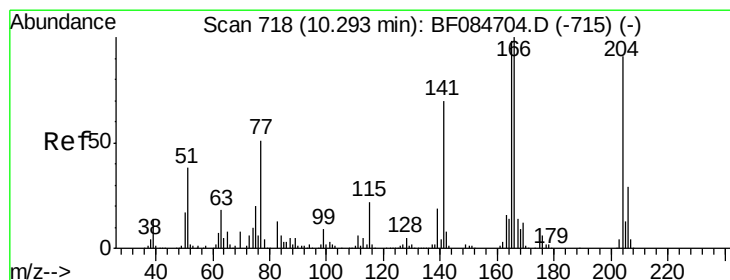
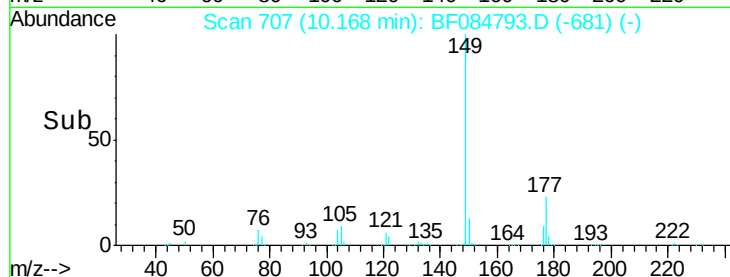
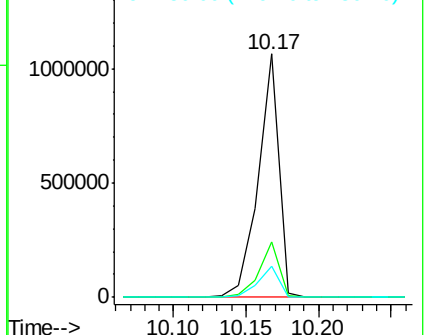
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.48 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

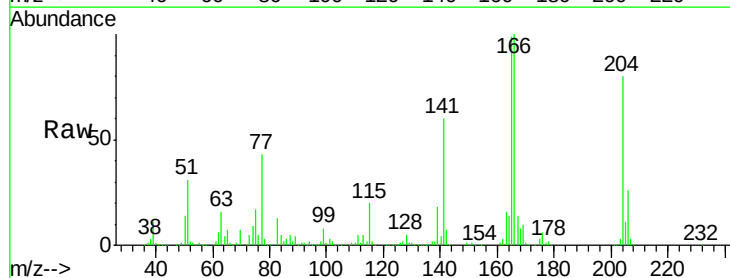
Tgt Ion:204 Resp: 406143

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

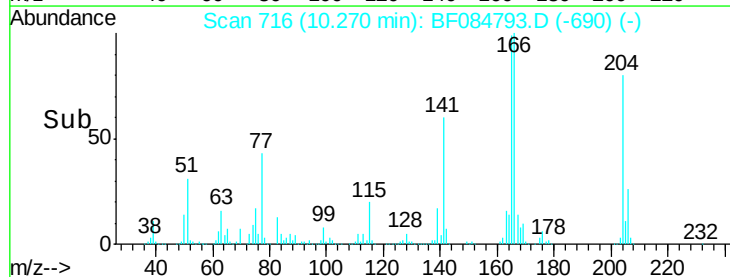
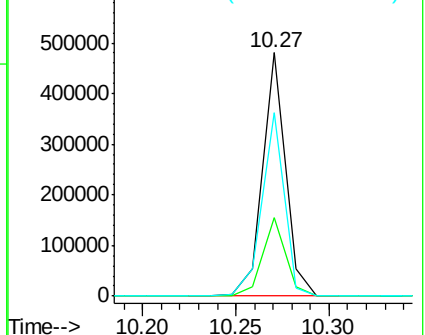
141 75.4 55.1 82.7

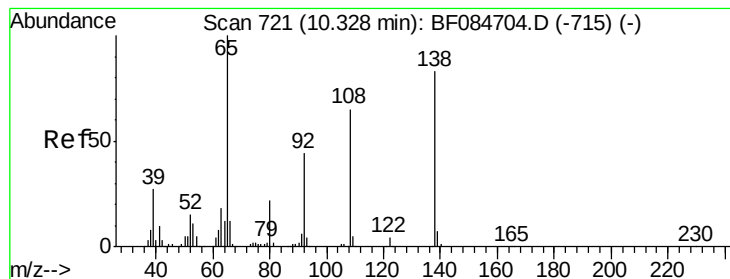


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.11 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

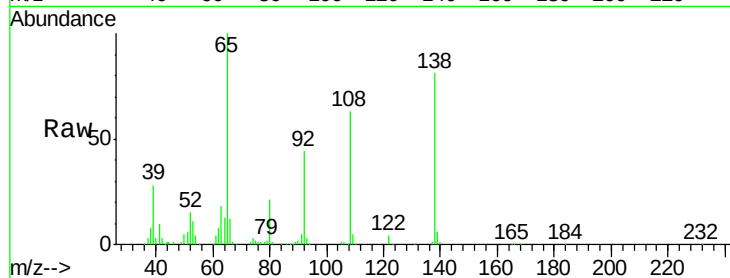
Tgt Ion:138 Resp: 232842

Ion Ratio Lower Upper

138 100

92 54.1 32.6 72.6

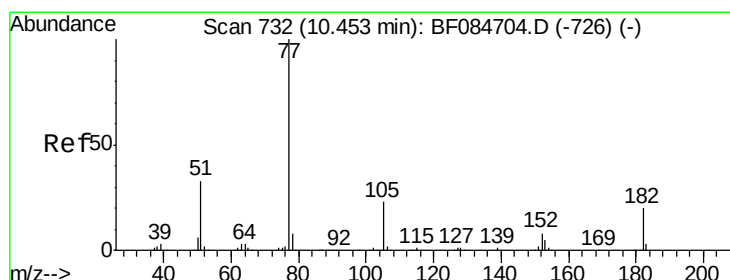
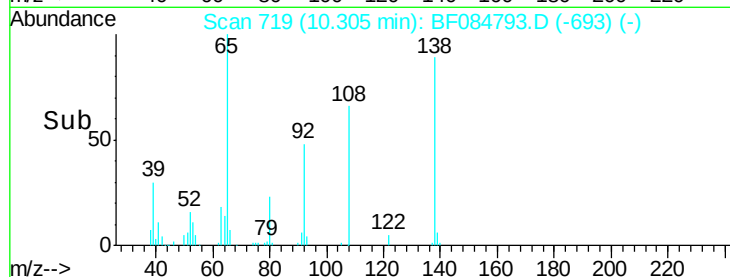
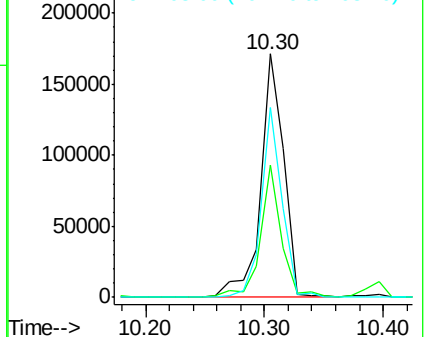
108 77.7 68.6 108.6



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: 42.28 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Tgt Ion: 77 Resp: 1069974

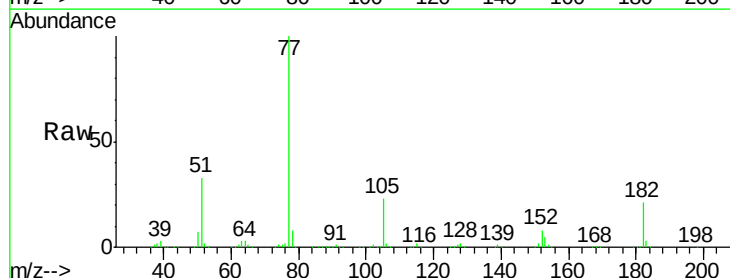
Ion Ratio Lower Upper

77 100

182 21.3 8.3 48.3

105 23.3 4.6 44.6

51 32.6 6.2 46.2

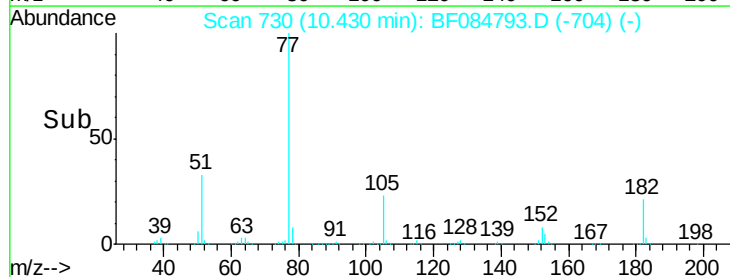
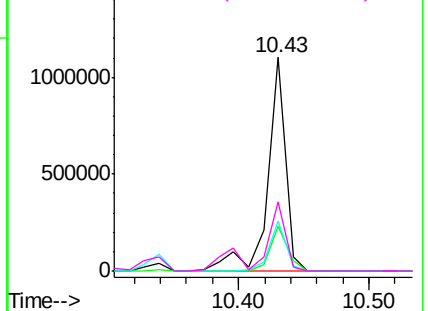


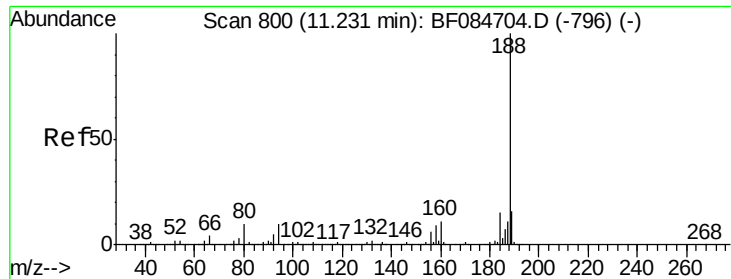
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

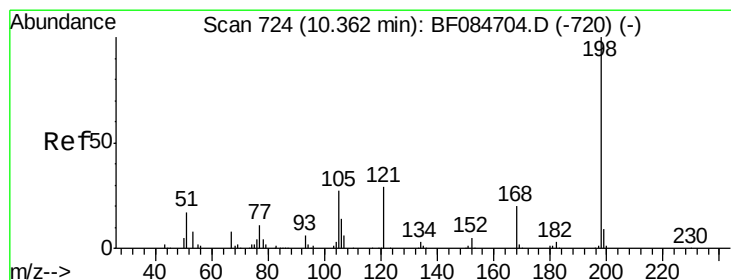
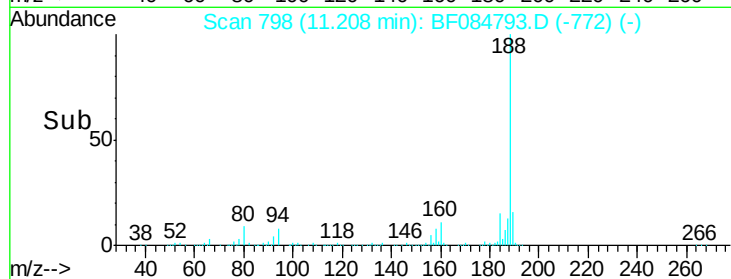
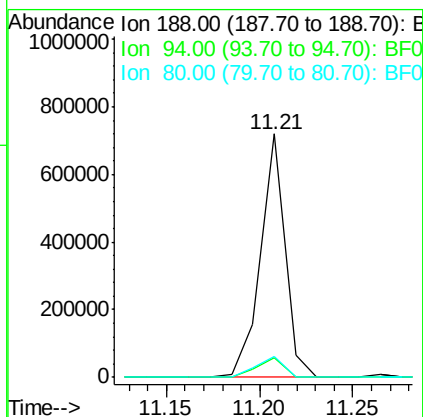
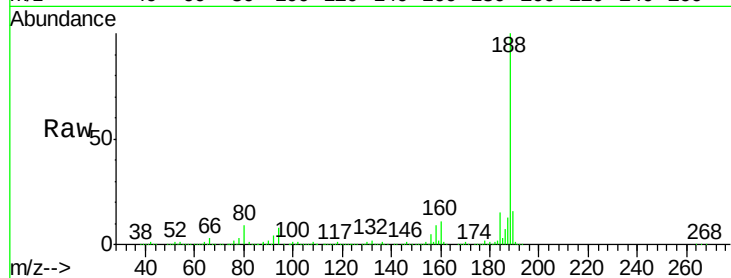




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

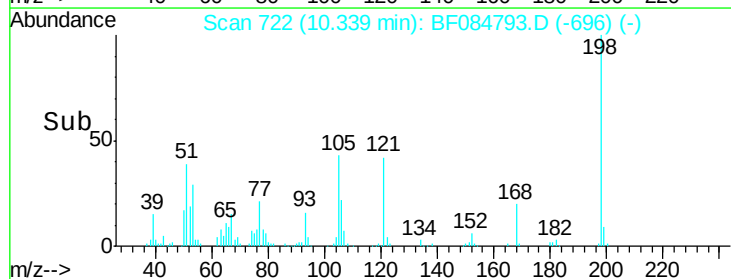
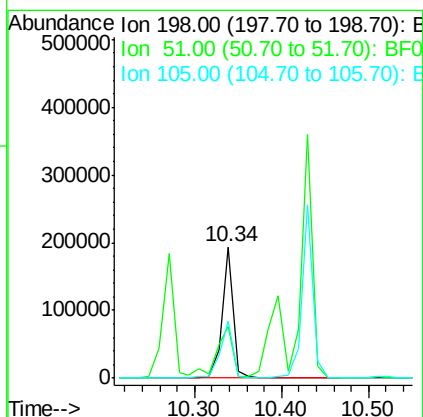
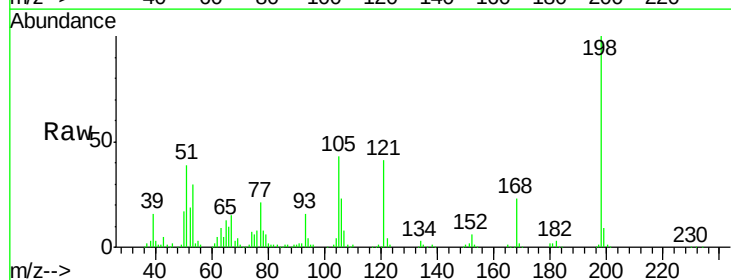
Instrument :
BNA_F
ClientSampleId :
PB88148BS

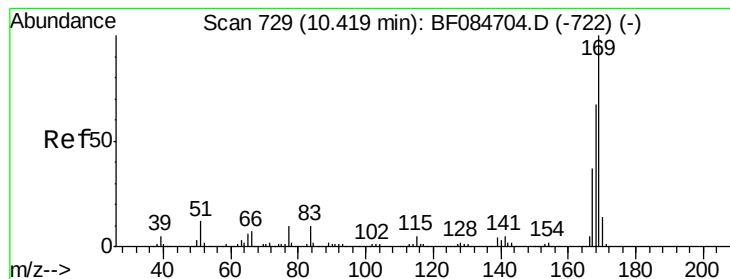
Tgt Ion:188 Resp: 654057
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.6 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.47 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion:198 Resp: 175491
Ion Ratio Lower Upper
198 100
51 39.3 18.9 58.9
105 42.8 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 41.44 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

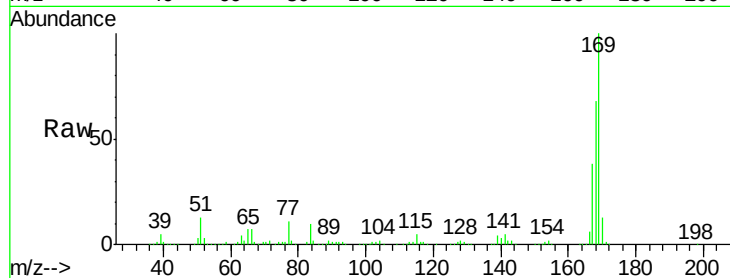
Tgt Ion:169 Resp: 860747

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

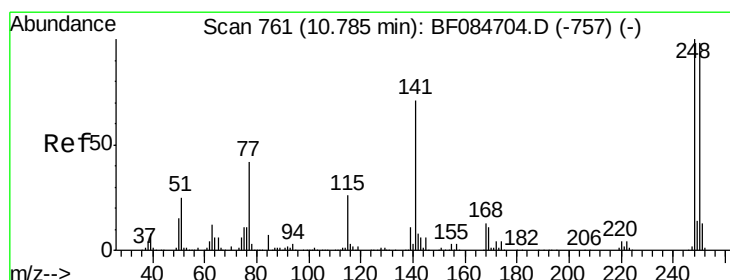
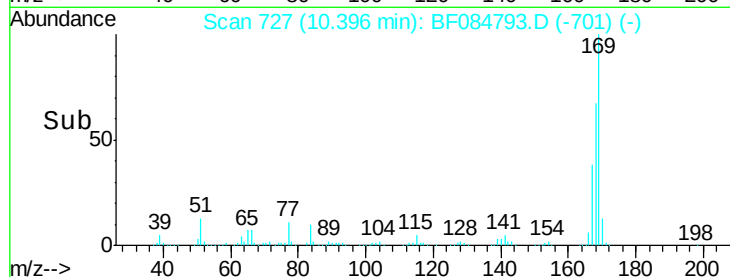
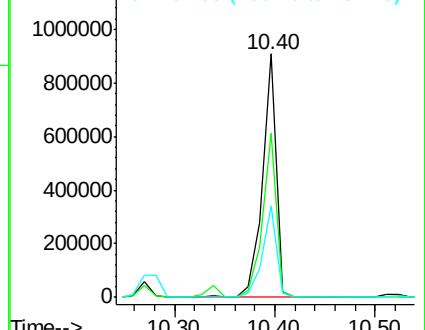
167 37.7 30.0 45.0



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: 40.99 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

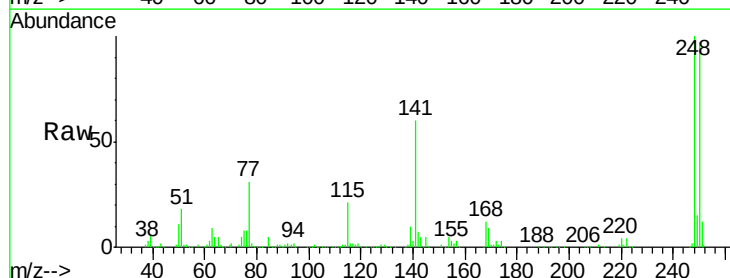
Tgt Ion:248 Resp: 296095

Ion Ratio Lower Upper

248 100

250 97.4 78.4 117.6

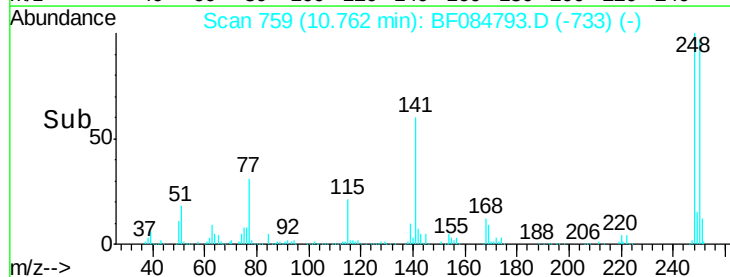
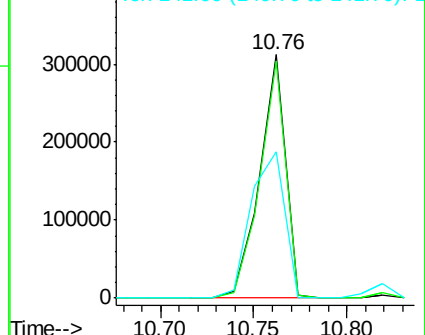
141 60.1 44.0 66.0

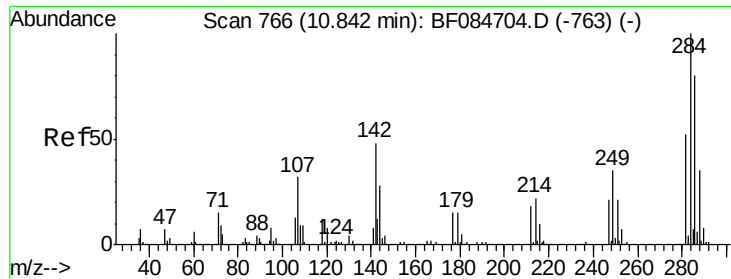


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.79 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

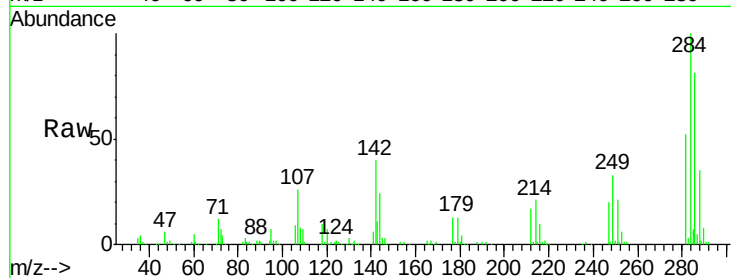
Tgt Ion:284 Resp: 289574

Ion Ratio Lower Upper

284 100

142 40.3 22.2 33.4#

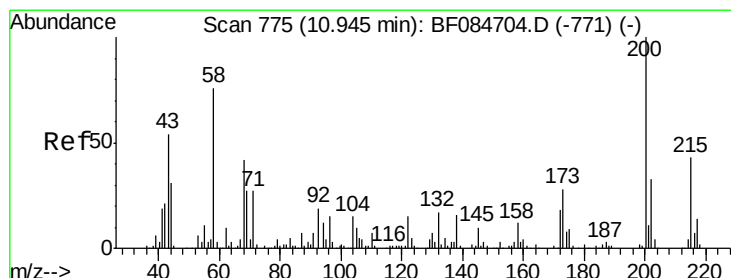
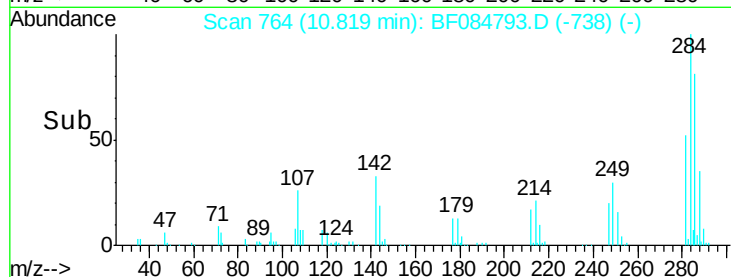
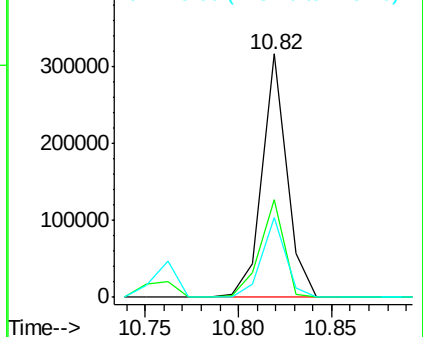
249 32.7 24.6 37.0



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: 43.34 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

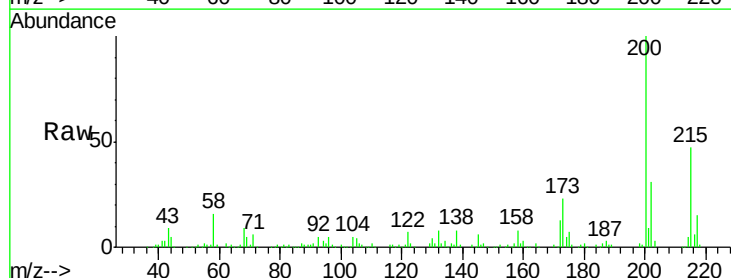
Tgt Ion:200 Resp: 284232

Ion Ratio Lower Upper

200 100

173 22.6 9.5 49.5

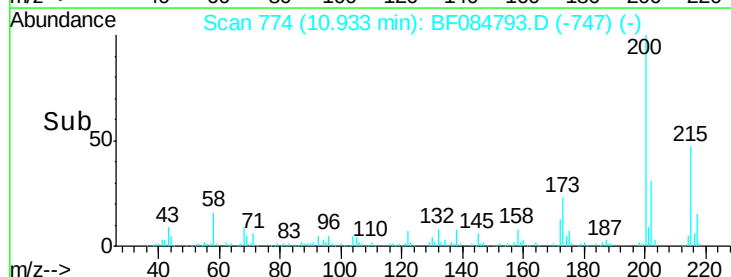
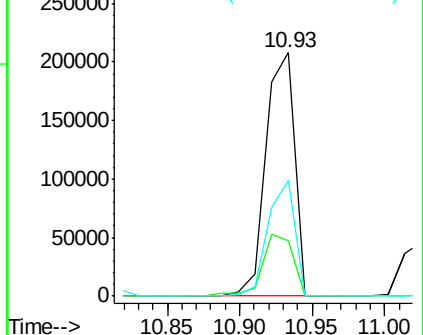
215 47.4 23.8 63.8

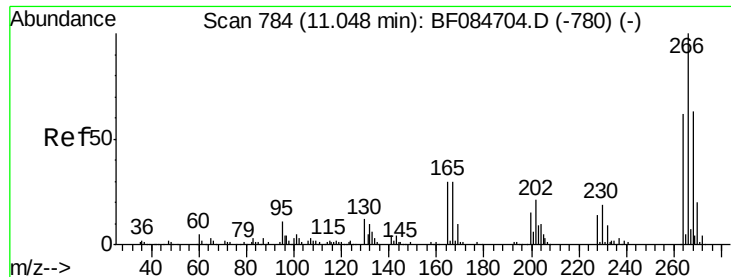


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

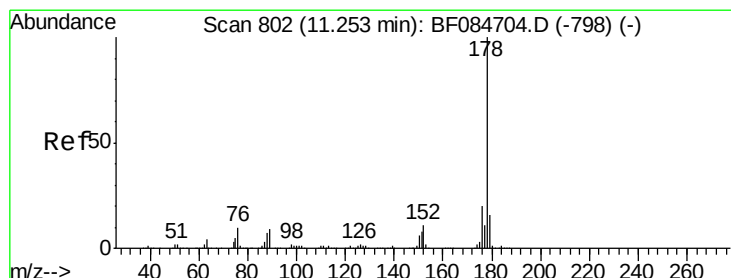
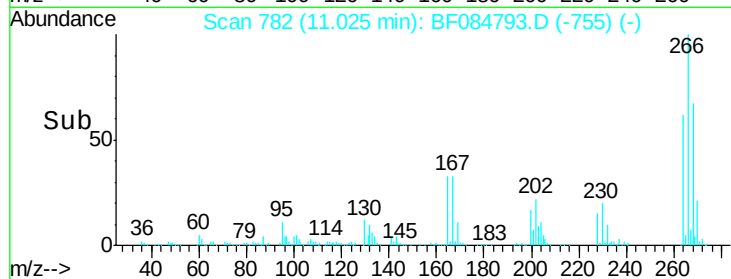
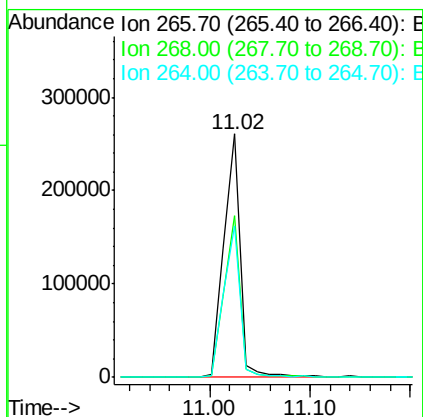
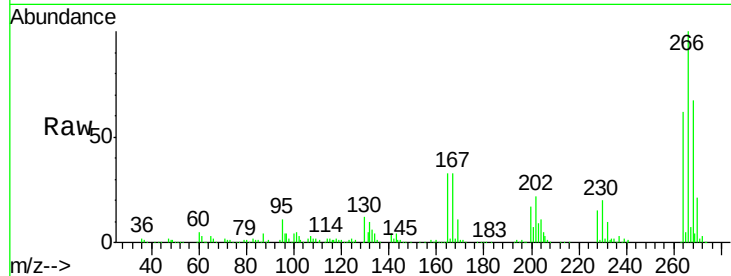




#69
 Pentachlorophenol
 Concen: 80.36 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

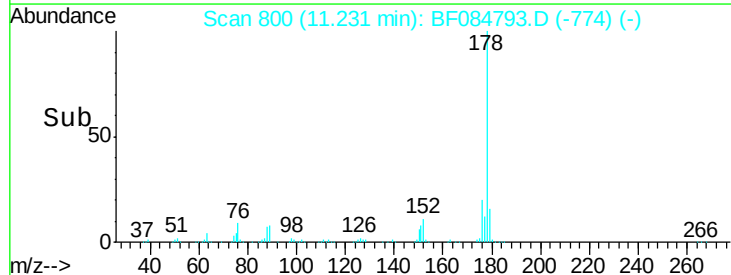
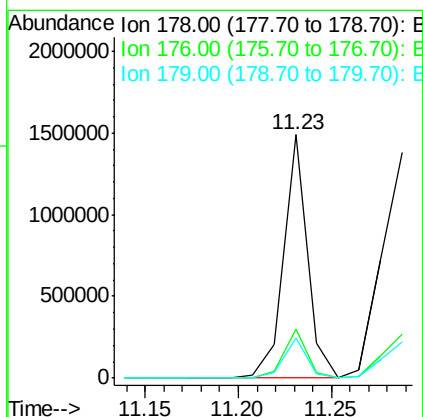
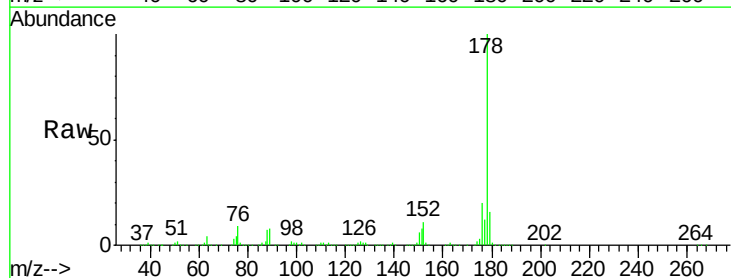
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

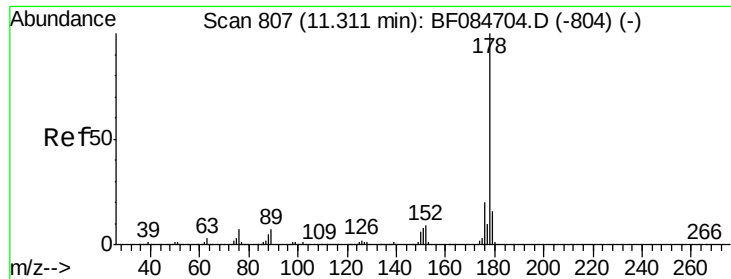
Tgt Ion:266 Resp: 297280
 Ion Ratio Lower Upper
 266 100
 268 66.5 52.4 78.6
 264 62.2 50.2 75.2



#70
 Phenanthrene
 Concen: 36.42 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:178 Resp: 1321241
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.3 12.0 18.0

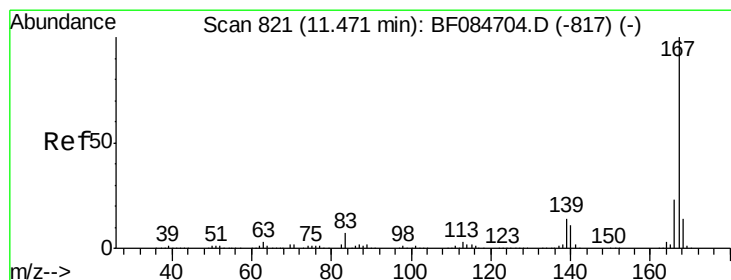
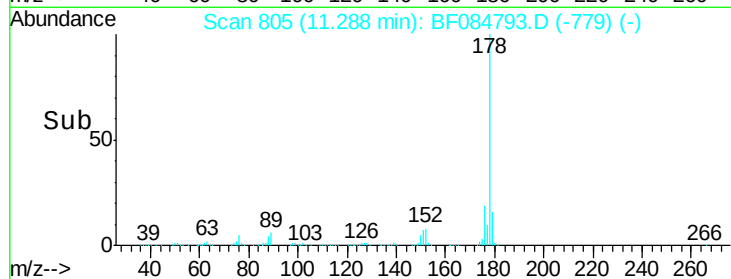
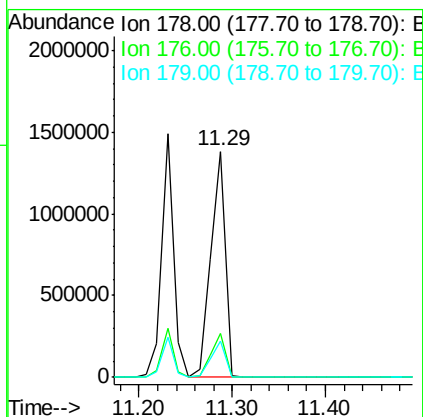
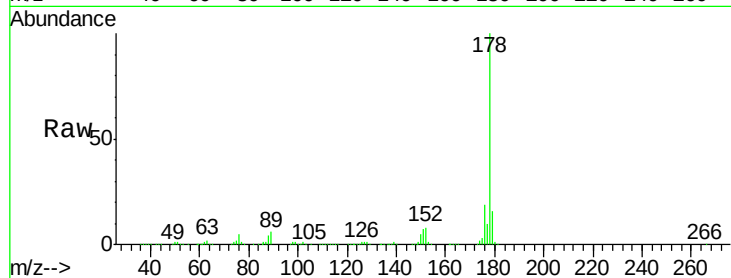




#71
 Anthracene
 Concen: 40.83 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

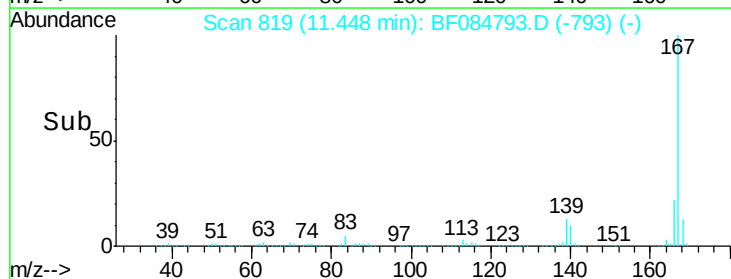
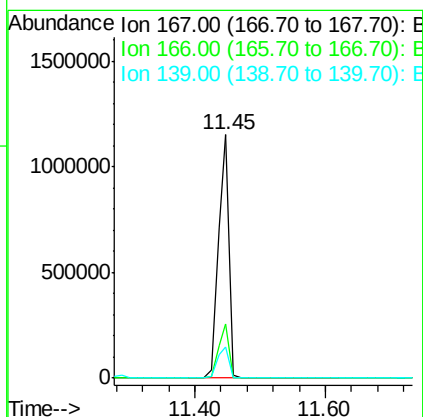
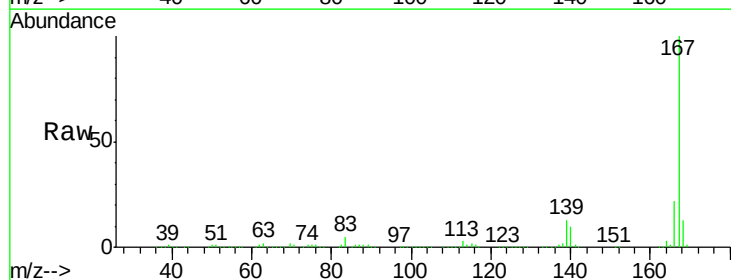
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

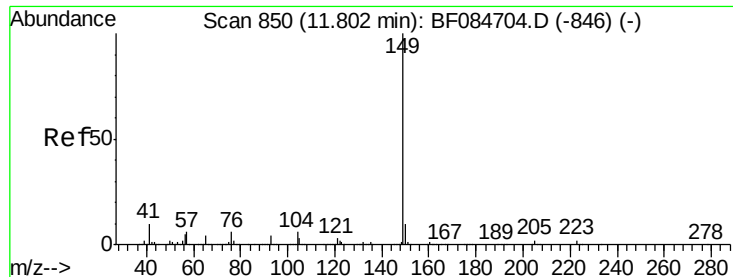
Tgt Ion:178 Resp: 1492456
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 41.63 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:167 Resp: 1326773
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.6 11.8 17.8





#73

Di-n-butylphthalate

Concen: 34.70 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

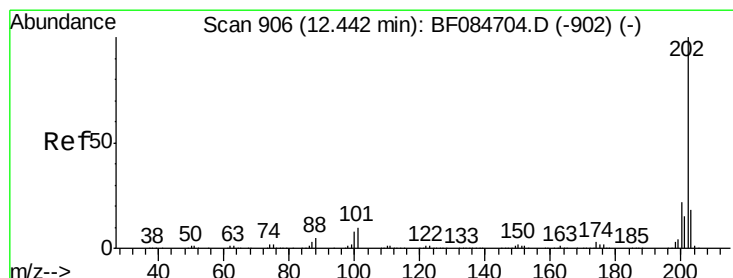
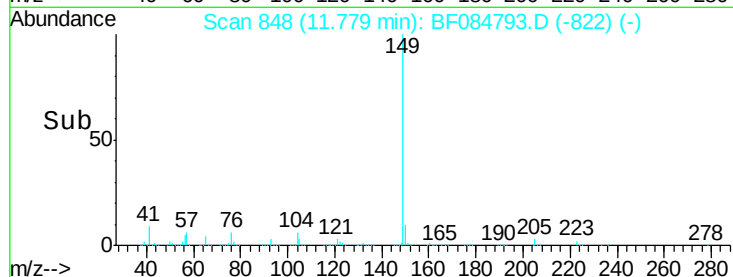
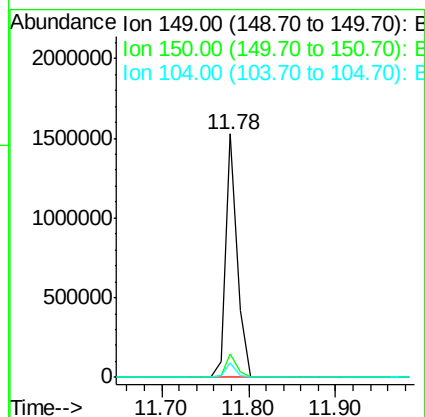
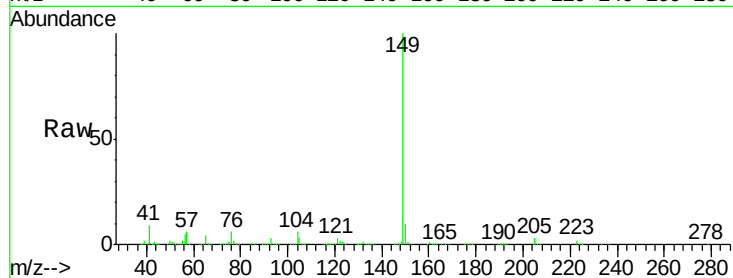
Tgt Ion:149 Resp: 1408284

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

104 6.1 3.2 4.8#



#74

Fluoranthene

Concen: 39.56 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

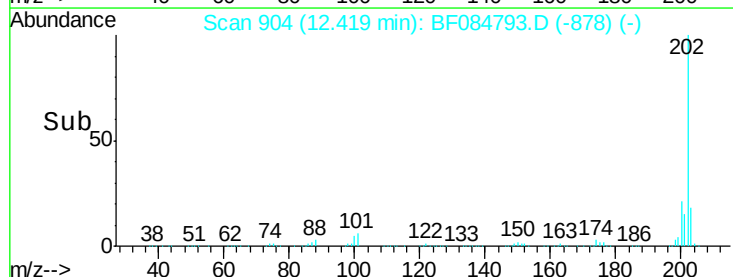
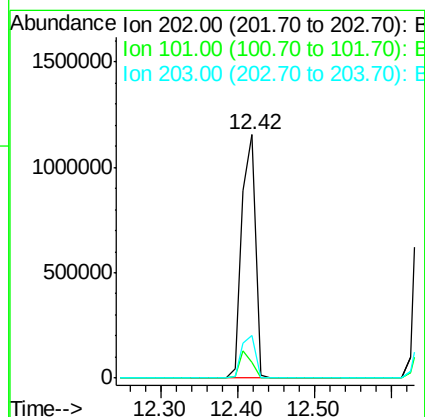
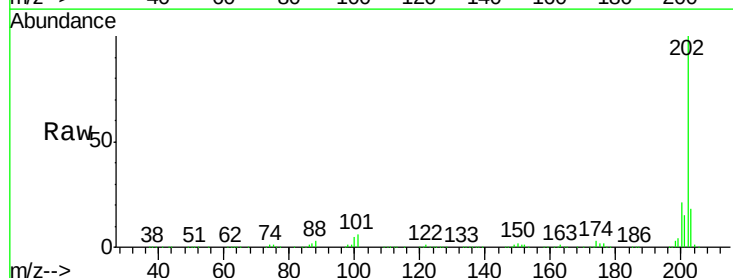
Tgt Ion:202 Resp: 1452651

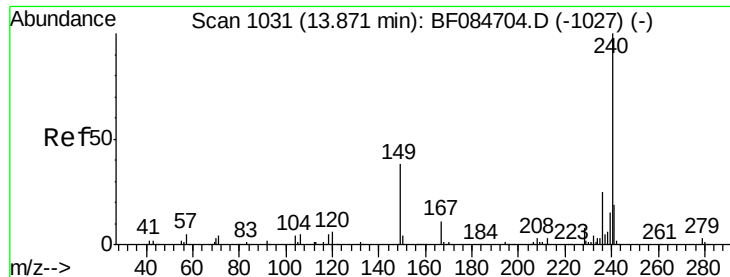
Ion Ratio Lower Upper

202 100

101 6.3 0.0 32.8

203 17.5 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

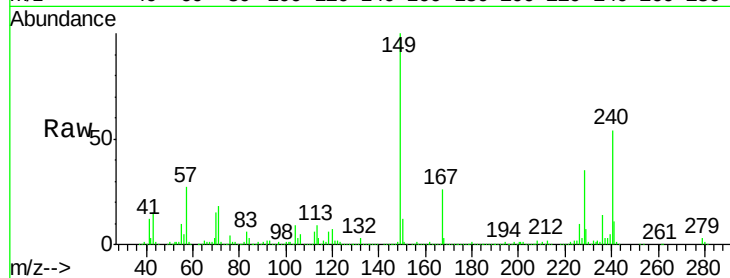
Tgt Ion:240 Resp: 454429

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

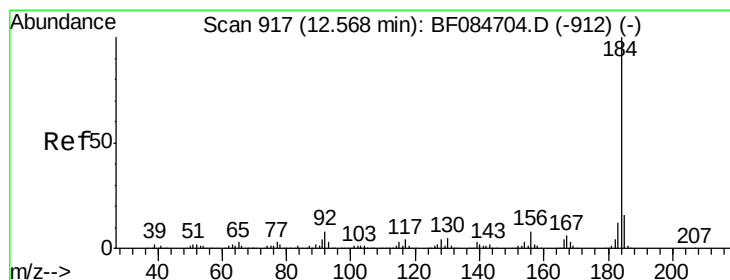
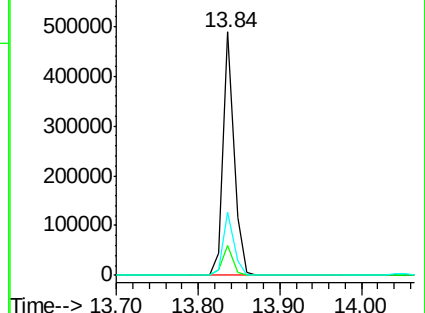
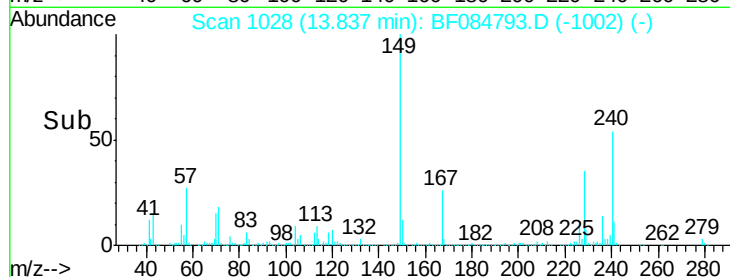
236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.06 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

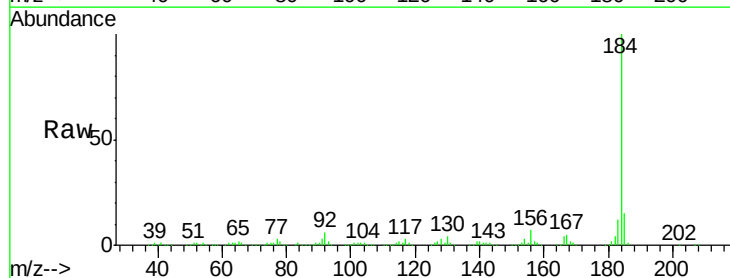
Tgt Ion:184 Resp: 564737

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

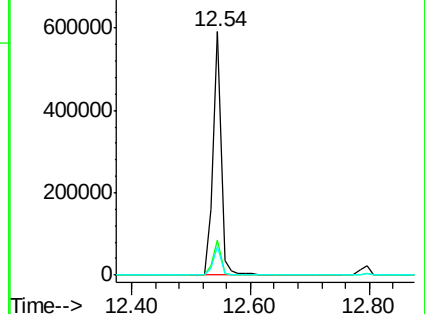
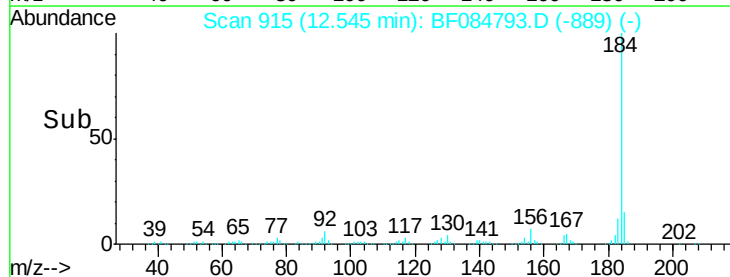
183 11.6 9.8 14.8

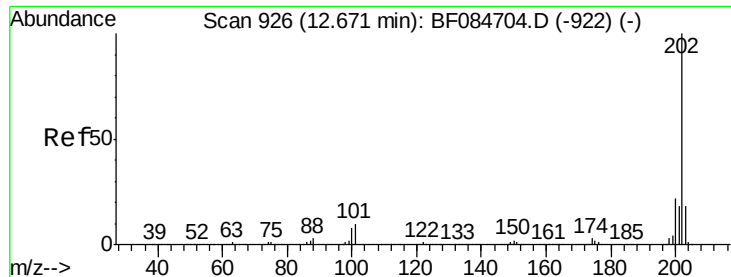


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

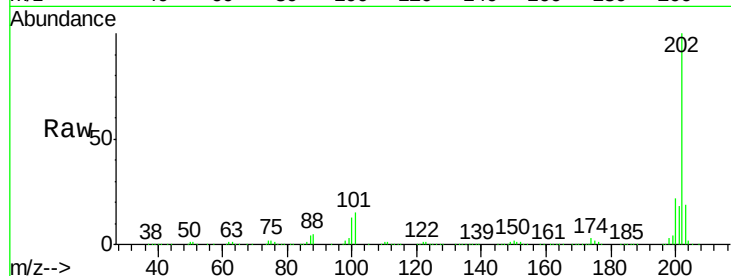




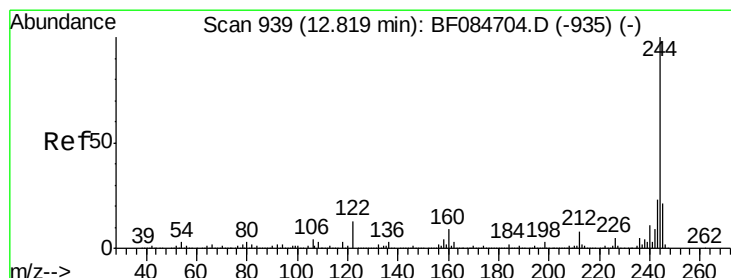
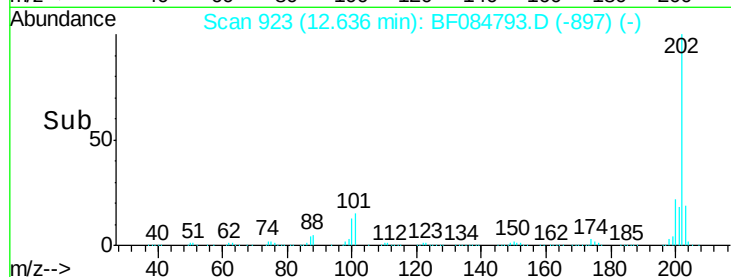
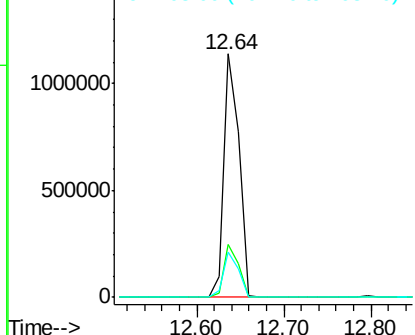
#77
 Pyrene
 Concen: 40.02 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

Tgt Ion:202 Resp: 1392559
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.2 25.8
 203 18.8 14.3 21.5

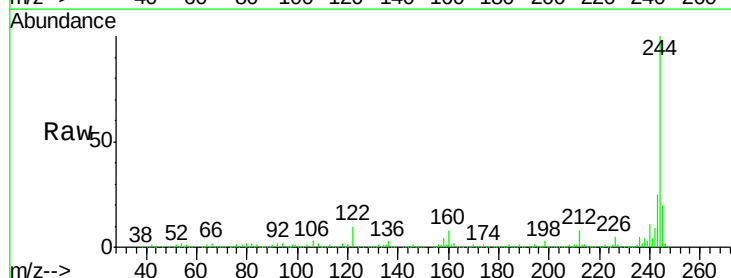


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

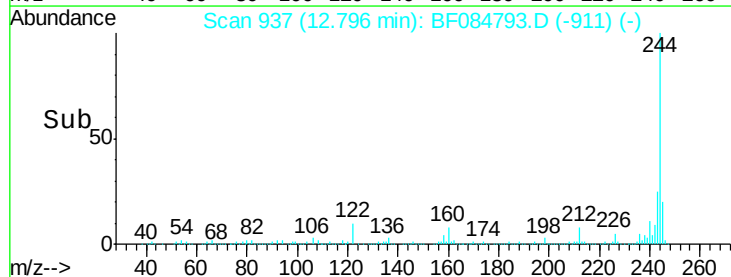
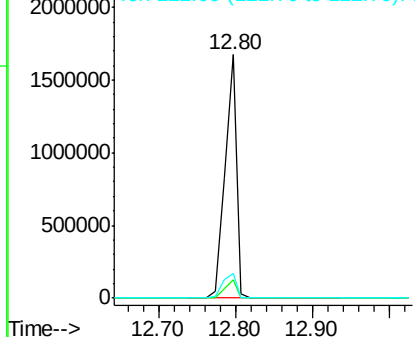


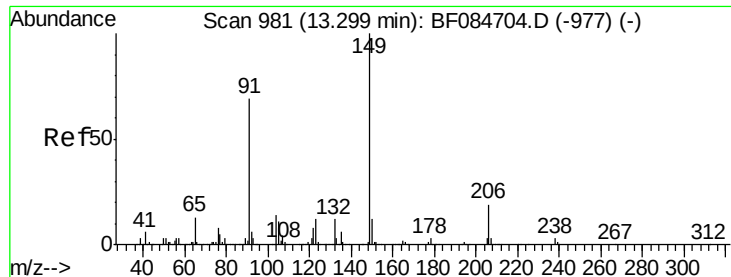
#78
 Terphenyl-d14
 Concen: 88.59 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:244 Resp: 1776566
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 10.1 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

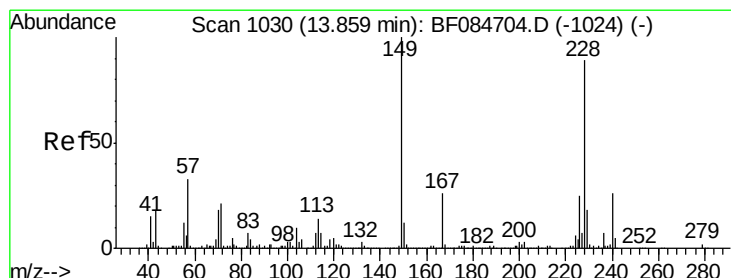
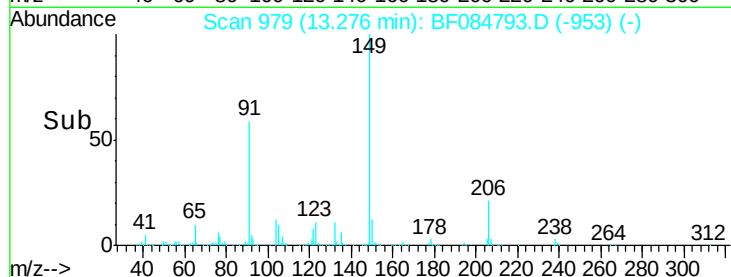
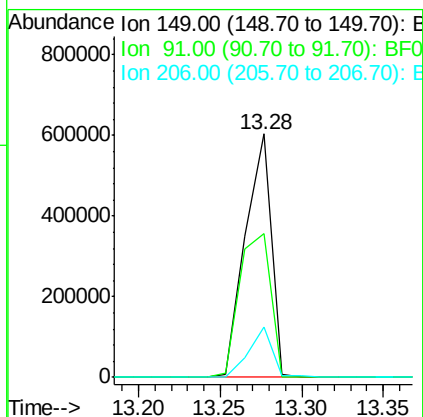
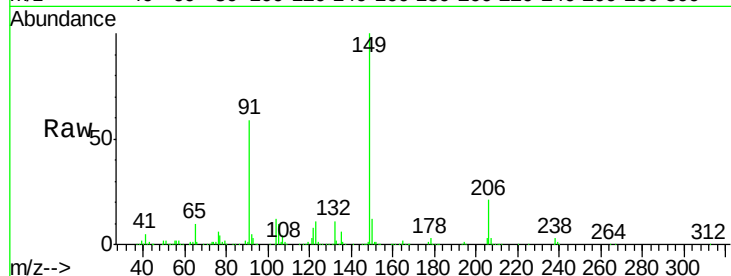




#79
Butylbenzylphthalate
Concen: 42.21 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

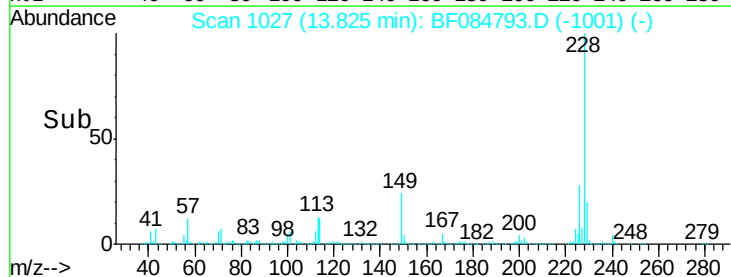
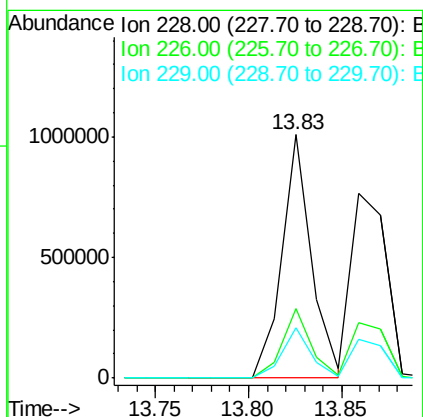
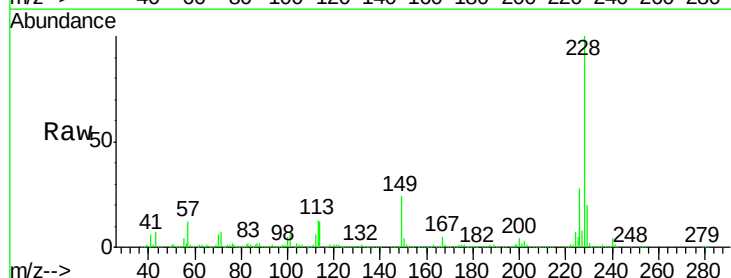
Instrument :
BNA_F
ClientSampleId :
PB88148BS

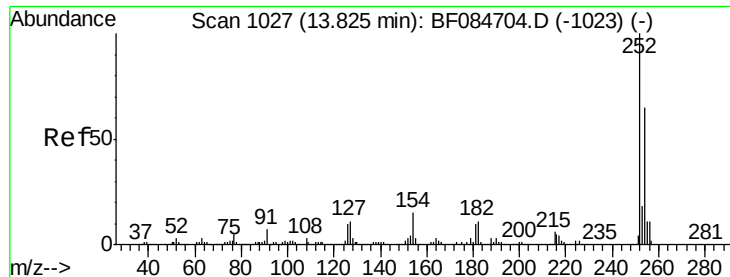
Tgt Ion:149 Resp: 666275
Ion Ratio Lower Upper
149 100
91 58.9 57.6 86.4
206 20.9 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 39.50 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion:228 Resp: 1113997
Ion Ratio Lower Upper
228 100
226 28.5 21.8 32.6
229 20.5 15.8 23.8

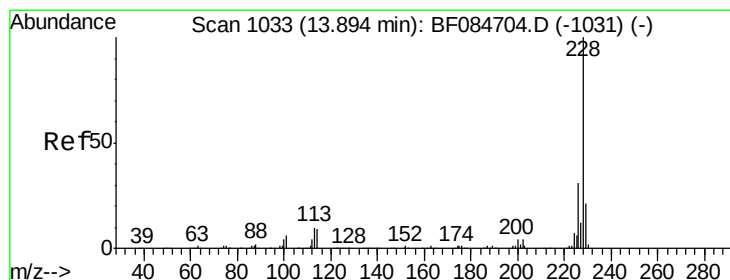
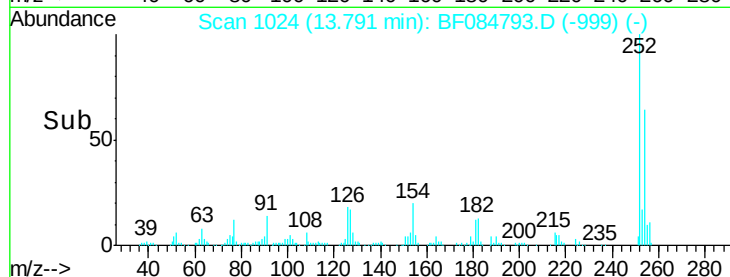
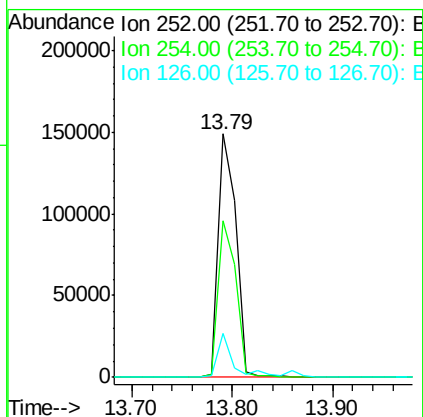
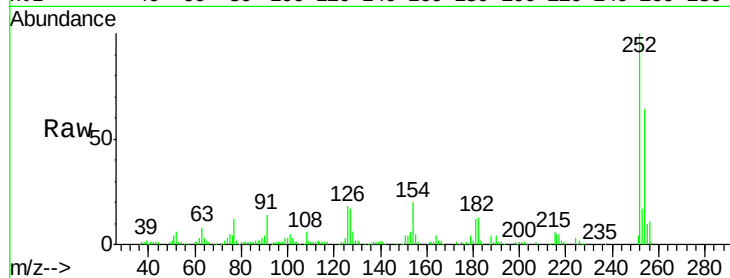




#81
 3,3'-Dichlorobenzidine
 Concen: 18.32 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

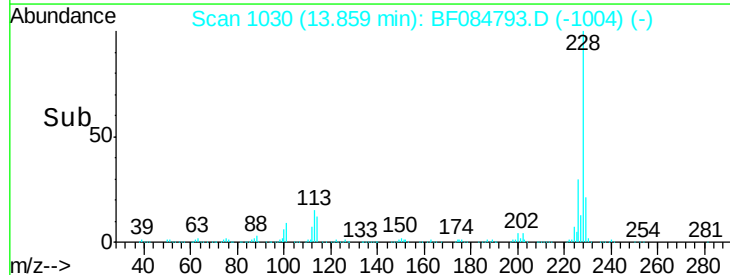
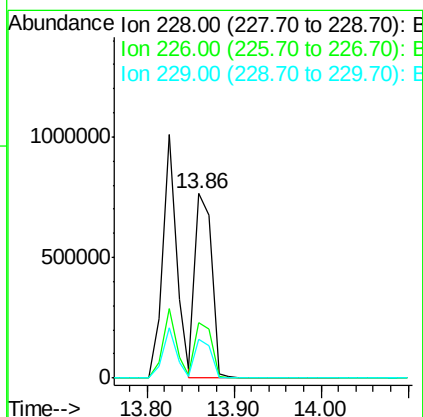
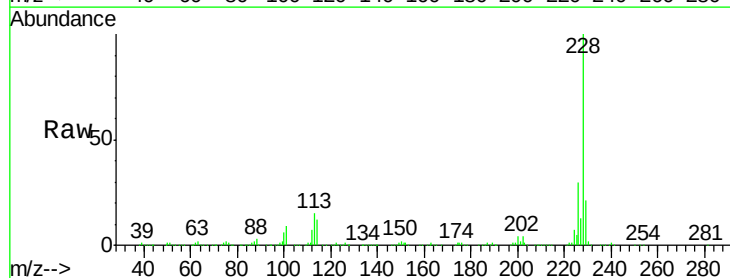
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BS

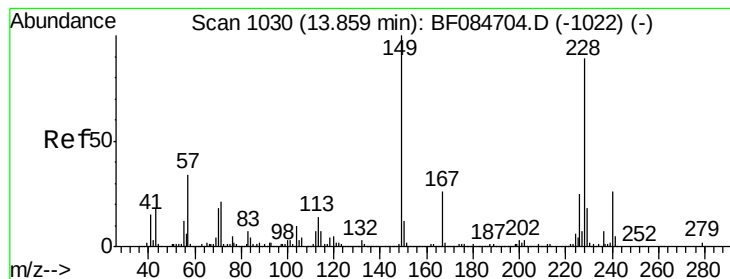
Tgt Ion:252 Resp: 182910
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.5 80.3
 126 18.1 4.9 7.3#



#82
 Chrysene
 Concen: 37.00 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF084793.D
 Acq: 3 Feb 2016 19:14

Tgt Ion:228 Resp: 1012028
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.8 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.43 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

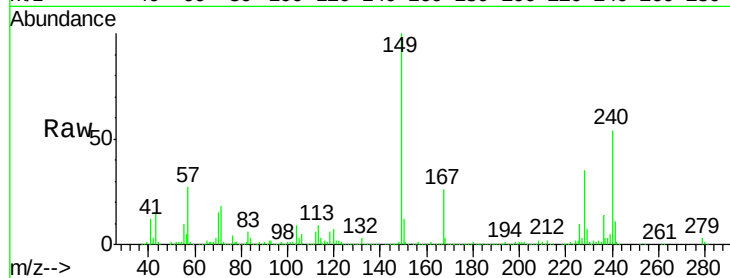
Tgt Ion:149 Resp: 833387

Ion Ratio Lower Upper

149 100

167 26.3 19.7 29.5

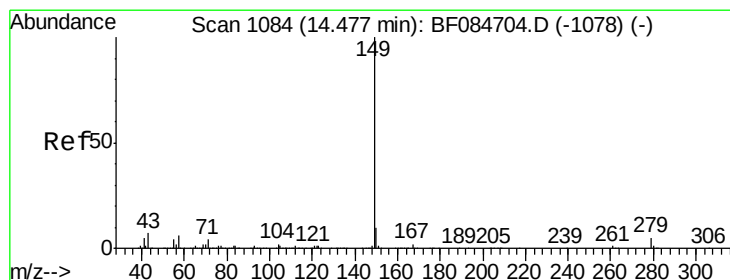
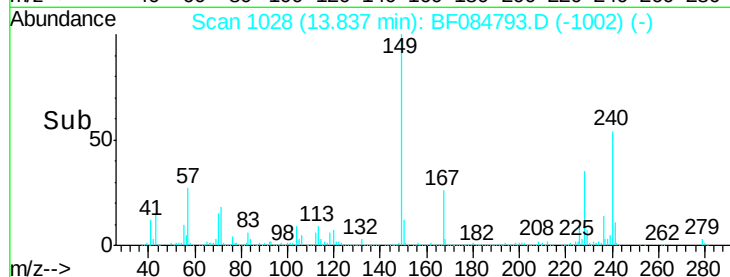
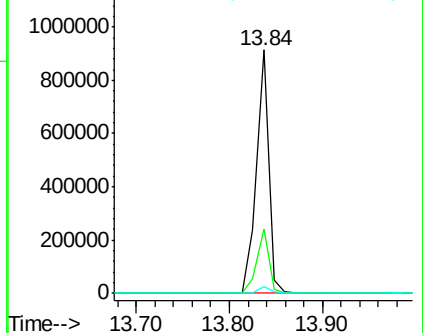
279 3.0 1.8 2.6#



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: 38.67 ng

RT: 14.44 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

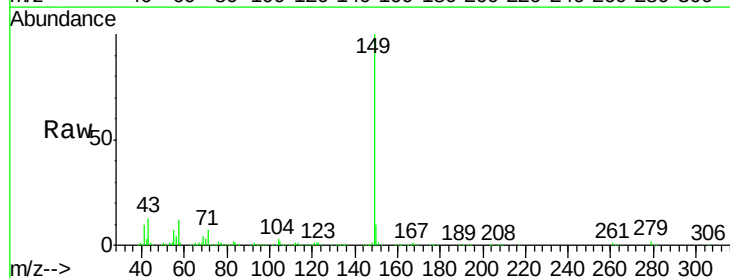
Tgt Ion:149 Resp: 1253035

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

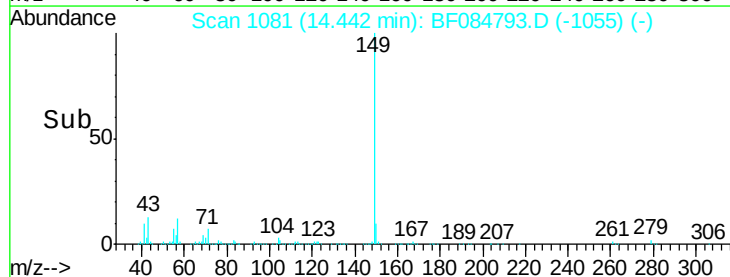
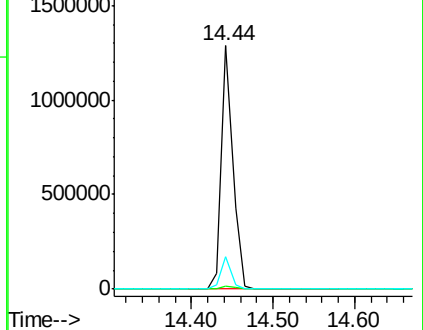
43 11.7 5.6 8.4#

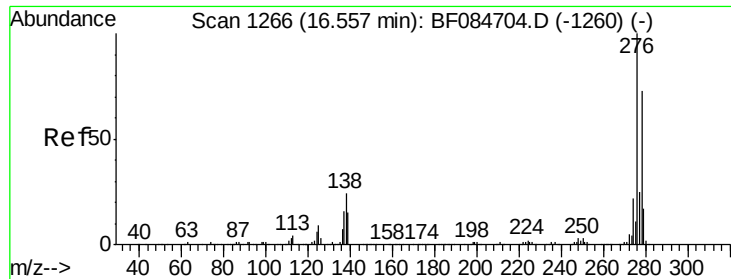


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.59 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

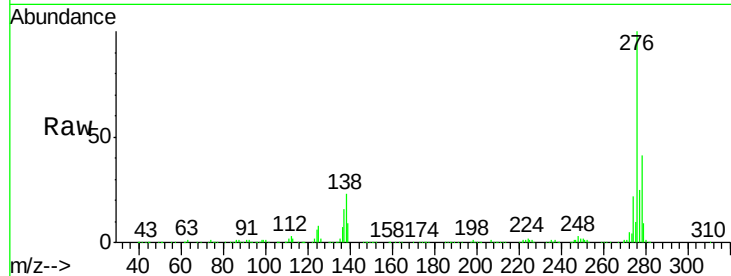
Tgt Ion:276 Resp: 873850

Ion Ratio Lower Upper

276 100

138 24.8 20.6 30.8

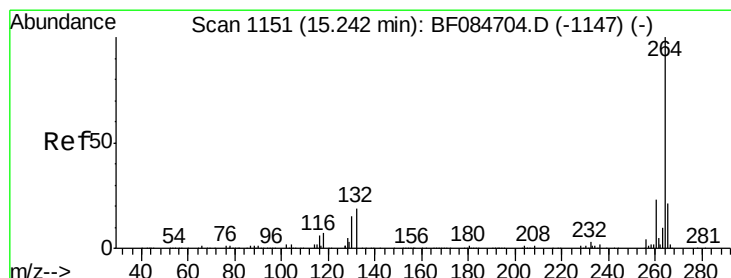
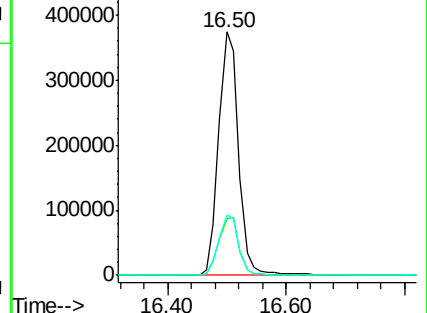
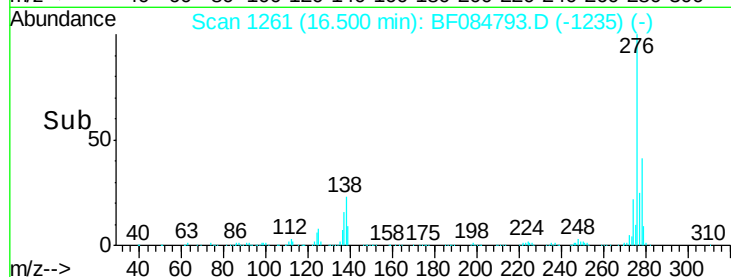
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

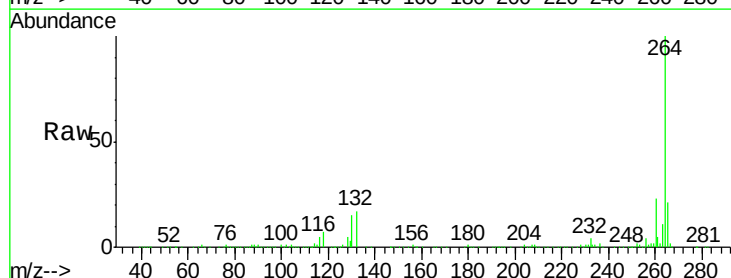
Tgt Ion:264 Resp: 358193

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

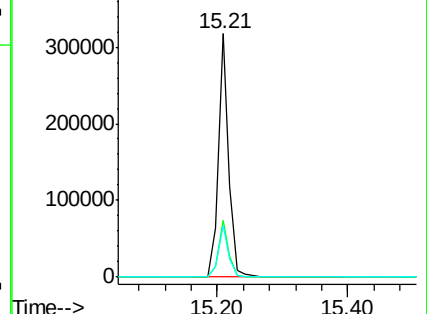
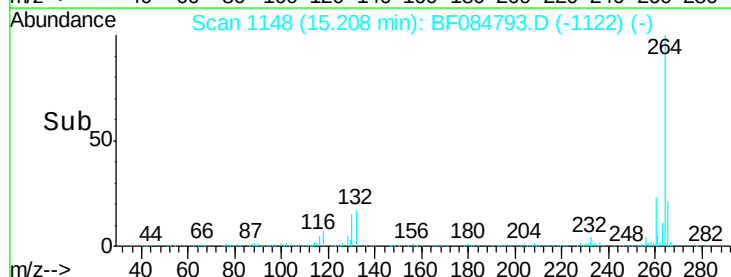
265 21.2 17.8 26.6

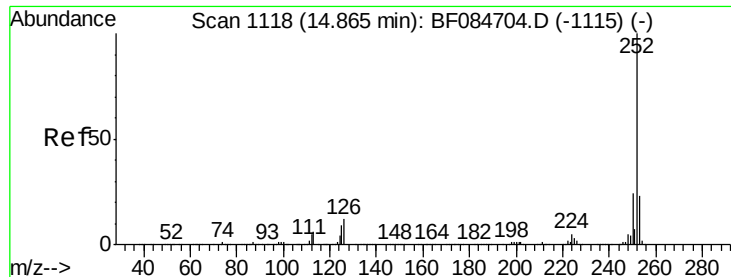


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

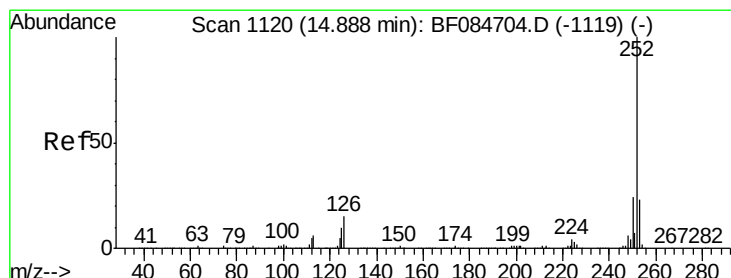
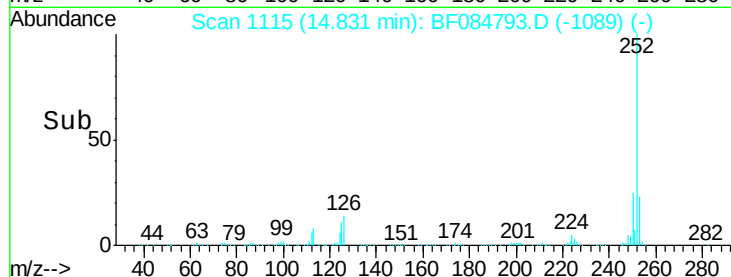
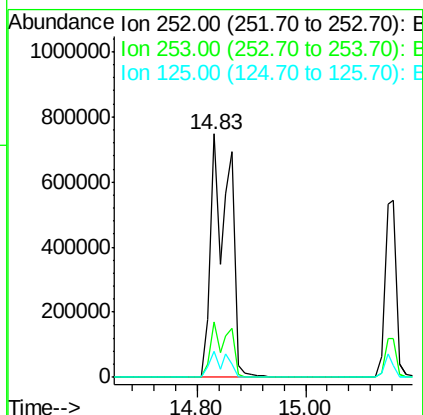
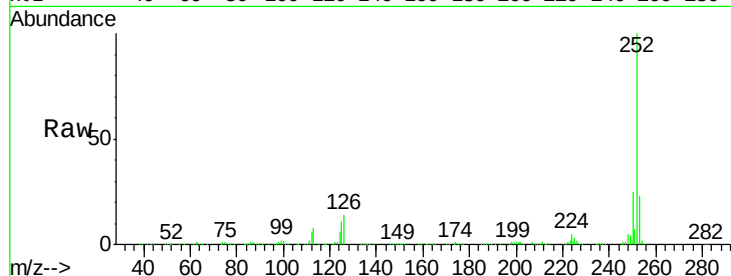




#87
Benzo(b)fluoranthene
Concen: 74.57 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

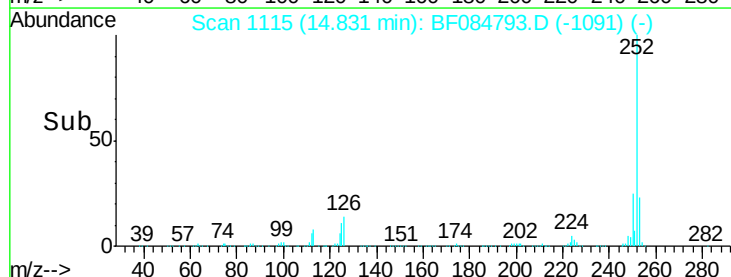
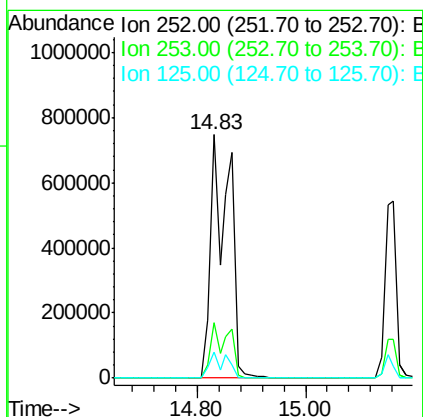
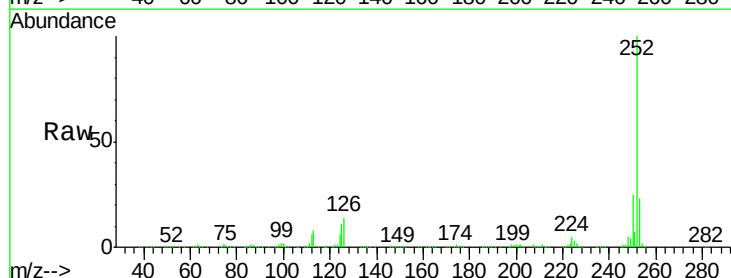
Instrument :
BNA_F
ClientSampleId :
PB88148BS

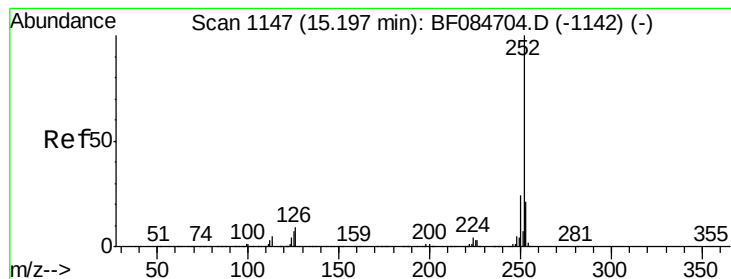
Tgt Ion:252 Resp: 1794654
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.9 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 90.19 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084793.D
Acq: 3 Feb 2016 19:14

Tgt Ion:252 Resp: 1794654
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.9 9.0 13.6





#89

Benzo(a)pyrene

Concen: 40.78 ng

RT: 15.16 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

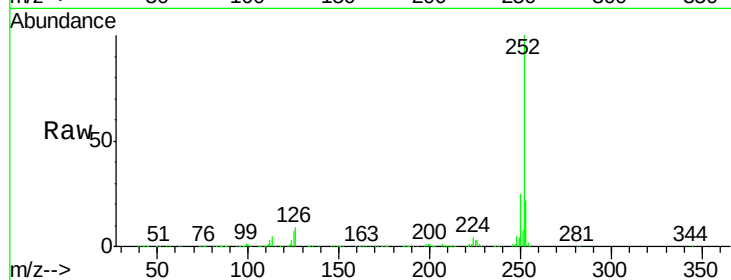
Tgt Ion:252 Resp: 836207

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

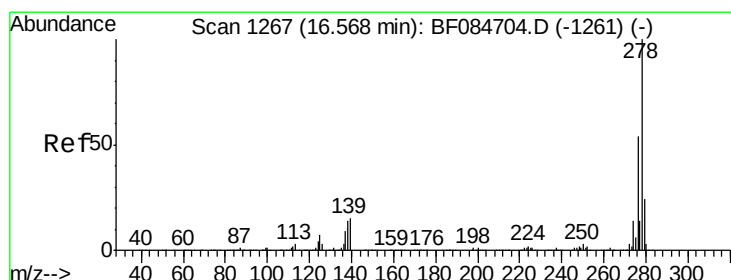
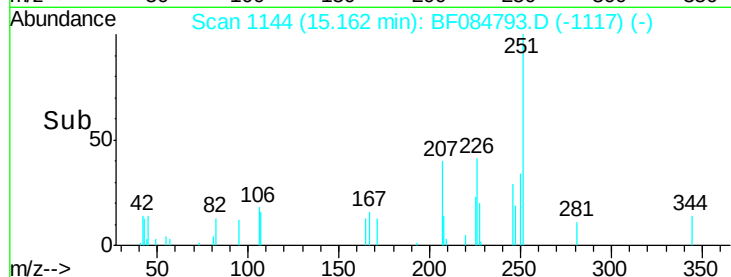
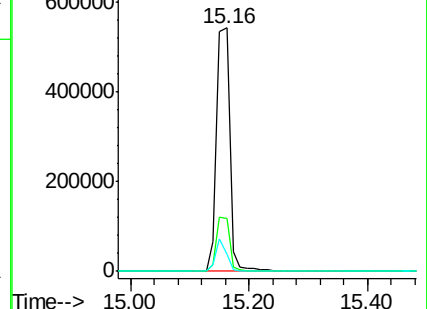
125 6.9 7.0 10.4#



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: 42.31 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

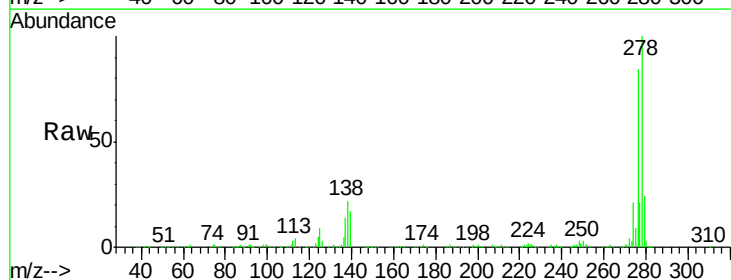
Tgt Ion:278 Resp: 730341

Ion Ratio Lower Upper

278 100

139 17.2 15.0 22.4

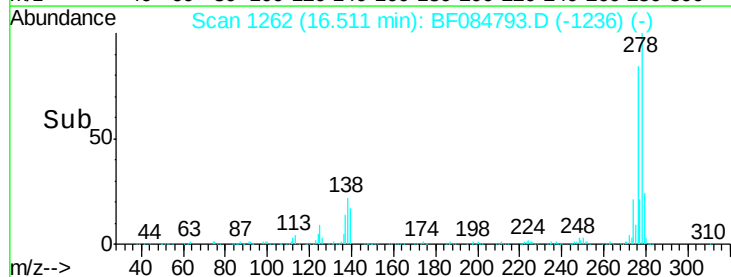
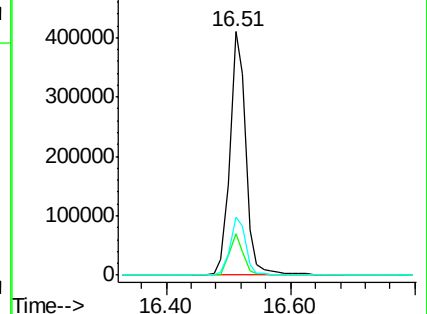
279 23.9 18.9 28.3

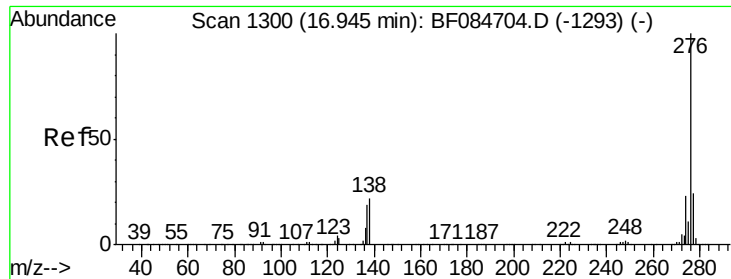


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.26 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF084793.D

Acq: 3 Feb 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB88148BS

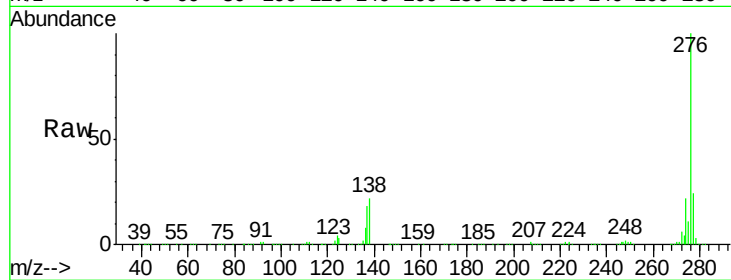
Tgt Ion: 276 Resp: 752263

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 21.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

