

Data Path : Z:\HPCHEM1\BNA F\Data\BF031716\
 Data File : BF085526.D
 Acq On : 18 Mar 2016 8:32
 Operator : UM/SJ
 Sample : H1776-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 10:09:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125773	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	306240	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	154933	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	247218	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	258829	20.00	ng	-0.03
86) Perylene-d12	15.48	264	246749	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1127089	154.04	ng	-0.02
7) Phenol-d6	6.52	99	1319397	139.01	ng	-0.03
23) Nitrobenzene-d5	7.45	82	814165	157.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	259742	182.02	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1007578	112.82	ng	-0.02
78) Terphenyl-d14	13.00	244	801032	70.01	ng	-0.03

Target Compounds

						Qvalue
9) Benzaldehyde	6.65	77	28091	5.30	ng	85
15) Benzyl Alcohol	7.04	79	25458	3.76	ng	# 39
18) Hexachloroethane	7.35	117	118758	33.99	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	40381	7.10	ng	# 66
22) Acetophenone	7.28	105	572911	76.34	ng	# 52
24) Nitrobenzene	7.43	77	122019	20.91	ng	# 32
25) Isophorone	7.70	82	104638	9.91	ng	# 1
26) 2-Nitrophenol	7.80	139	14946	5.35	ng	# 1
27) 2,4-Dimethylphenol	7.83	122	16659	3.35	ng	# 1
28) bis(2-Chloroethoxy)methane	7.94	93	42032	6.66	ng	# 1
29) 2,4-Dichlorophenol	8.01	162	26896	6.67	ng	# 26
30) 1,2,4-Trichlorobenzene	8.07	180	9857	2.11	ng	# 46
31) Naphthalene	8.20	128	979271	65.44	ng	# 93
32) Benzoic acid	7.97	122	14556	5.09	ng	# 14
33) 4-Chloroaniline	8.20	127	227778	35.39	ng	# 44
35) Caprolactam	8.62	113	170086	129.12	ng	# 52
36) 4-Chloro-3-methylphenol	8.71	107	29391	6.38	ng	# 36
37) 2-Methylnaphthalene	8.90	142	2071397	218.60	ng	96
42) 2,4,6-Trichlorophenol	9.18	196	7529	2.37	ng	# 11
43) 2,4,5-Trichlorophenol	9.18	196	7529	2.34	ng	# 1
45) 1,1'-Biphenyl	9.36	154	207612	16.42	ng	95
47) 2-Nitroaniline	9.42	65	29877	10.41	ng	# 49
48) Acenaphthylene	9.81	152	102421	6.68	ng	# 1
49) Dimethylphthalate	9.66	163	184905	16.36	ng	# 81
50) 2,6-Dinitrotoluene	9.72	165	13242	5.30	ng	# 45
51) Acenaphthene	9.98	154	189191	19.63	ng	# 68
52) 3-Nitroaniline	9.90	138	18605	6.23	ng	# 55
53) 2,4-Dinitrophenol	9.88	184	2835	8.77	ng	# 1
54) Dibenzofuran	10.15	168	99746	8.42	ng	# 1
55) 4-Nitrophenol	10.06	139	121166	58.95	ng	# 65
56) 2,4-Dinitrotoluene	10.15	165	35168	11.23	ng	# 58
57) Fluorene	10.49	166	288191	30.53	ng	# 82
58) 2,3,4,6-Tetrachlorophenol	10.25	232	4752	2.15	ng	# 30
60) 4-Chlorophenyl-phenylether	10.42	204	18183	3.75	ng	# 1

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 Misc :
 ALS Vial : 46 Sample Multiplier: 1

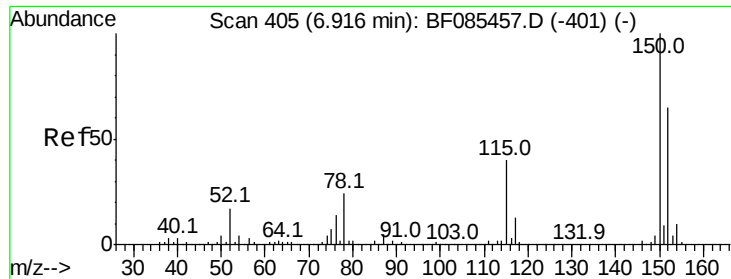
Instrument :
 BNA_F
 ClientSampleId :

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

61) 4-Nitroaniline	10.40	138	18101	6.45	nq	91
62) Azobenzene	10.64	77	49643	4.57	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	5327	3.61	nq	# 1
65) n-Nitrosodiphenylamine	10.61	169	578819	75.98	nq	# 53
66) 4-Bromophenyl-phenylether	10.98	248	7681	3.07	nq	# 1
68) Atrazine	11.16	200	38928	17.86	nq	# 15
69) Pentachlorophenol	11.25	266	3214	2.35	nq	# 18
70) Phenanthrene	11.45	178	918872	71.36	nq	# 95
71) Anthracene	11.54	178	427408	32.59	nq	# 1
72) Carbazole	11.66	167	44618	4.02	nq	# 1
74) Fluoranthene	12.63	202	99558	8.23	nq	77
77) Pyrene	12.86	202	276230	14.23	nq	# 94
80) Benzo(a)anthracene	14.04	228	51610	3.48	nq	# 72
82) Chrysene	14.04	228	51610	3.87	nq	# 76
83) Bis(2-ethylhexyl)phthalate	14.03	149	29163	2.82	nq	# 89
87) Benzo(b)fluoranthene	15.07	252	53435	3.32	nq	# 92
88) Benzo(k)fluoranthene	15.07	252	53435	4.23	nq	# 91

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

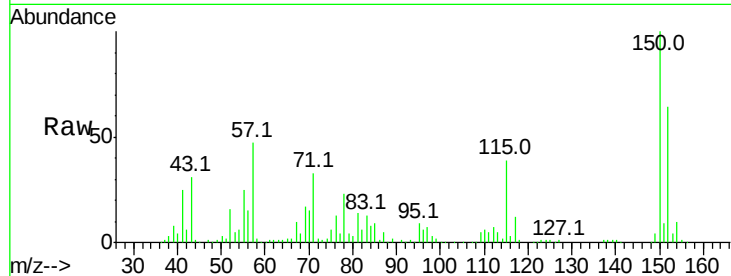


#1

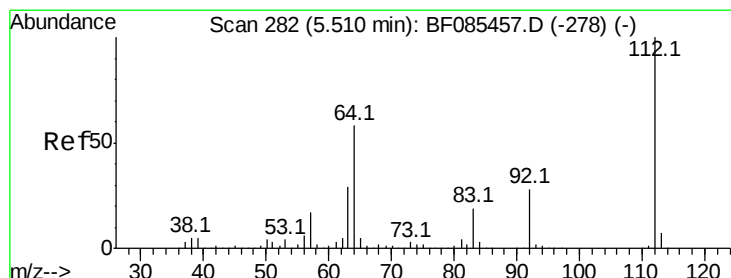
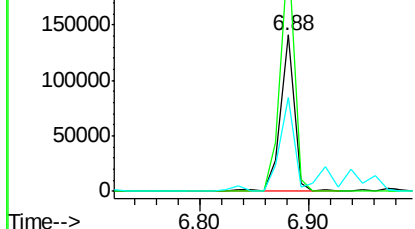
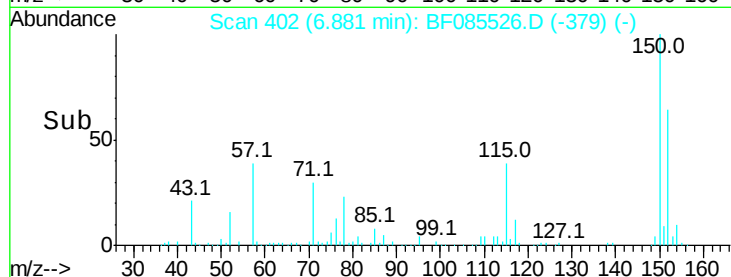
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 125773
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.4 46.6 70.0



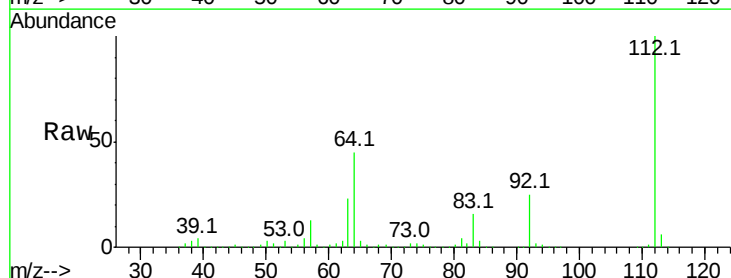
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



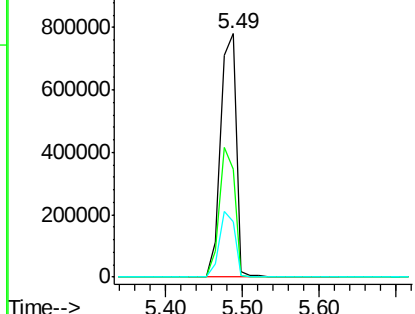
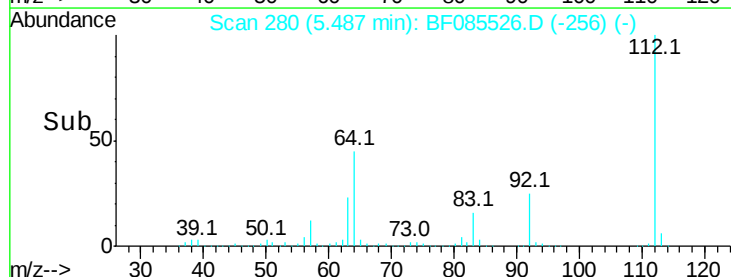
#5

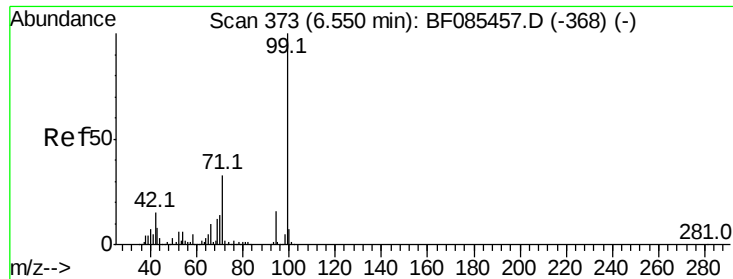
2-Fluorophenol
Concen: 154.04 ng
RT: 5.49 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

Tgt Ion:112 Resp: 1127089
Ion Ratio Lower Upper
112 100
64 44.5 49.0 73.4#
63 22.6 24.8 37.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.01 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampled :

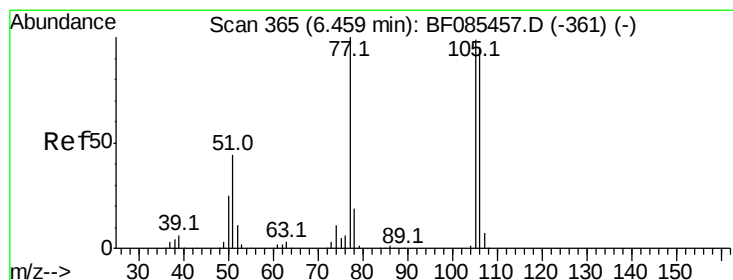
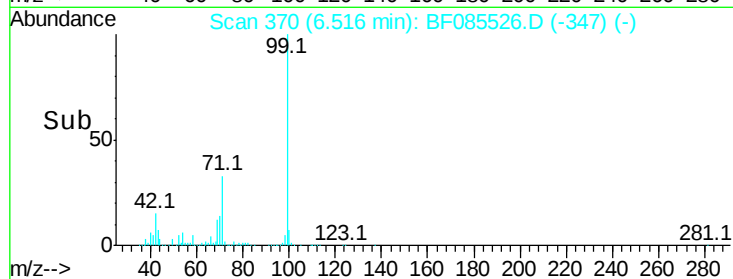
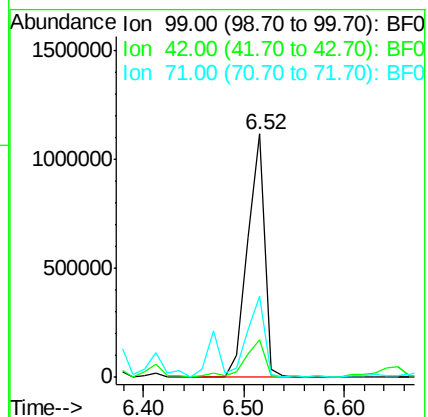
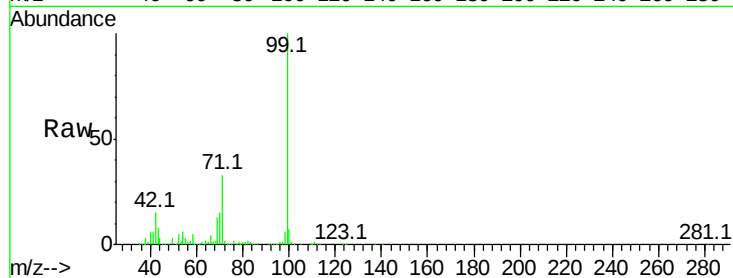
Tot Ion: 99 Resp: 1319397

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

71 33.3 26.7 40.1



#9

Benzaldehyde

Concen: 5.30 ng

RT: 6.65 min Scan# 382

Delta R.T. 0.19 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

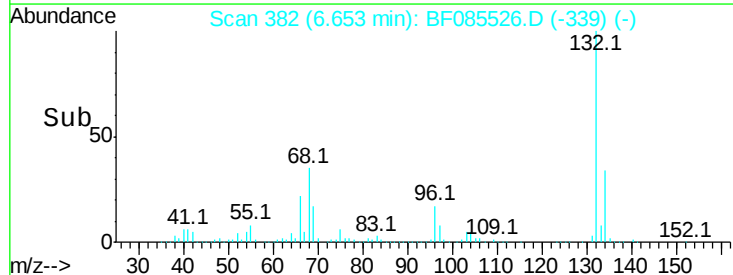
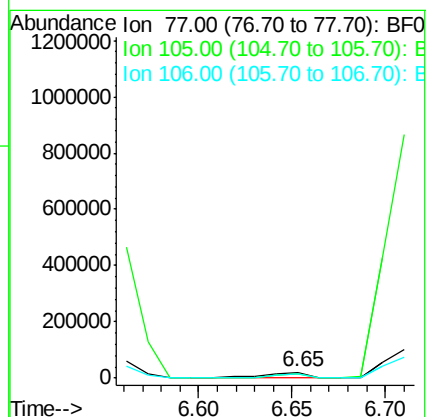
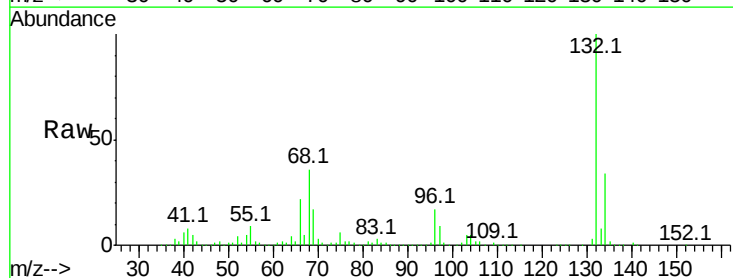
Tgt Ion: 77 Resp: 28091

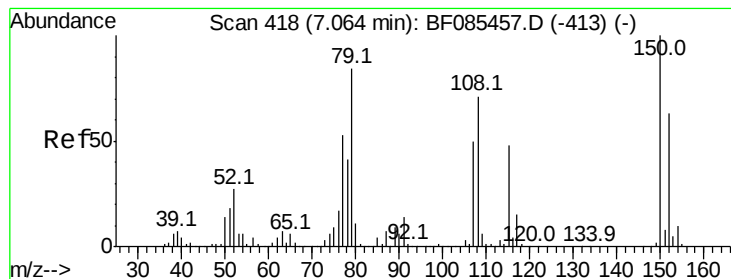
Ion Ratio Lower Upper

77 100

105 84.2 78.2 118.2

106 76.9 72.9 112.9





#15

Benzyl Alcohol

Concen: 3.76 ng

RT: 7.04 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

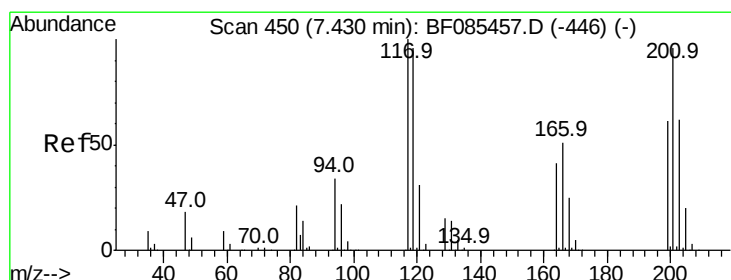
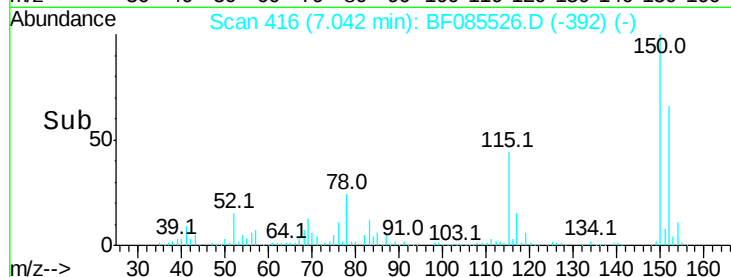
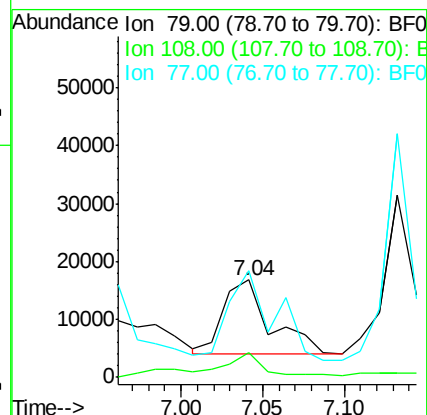
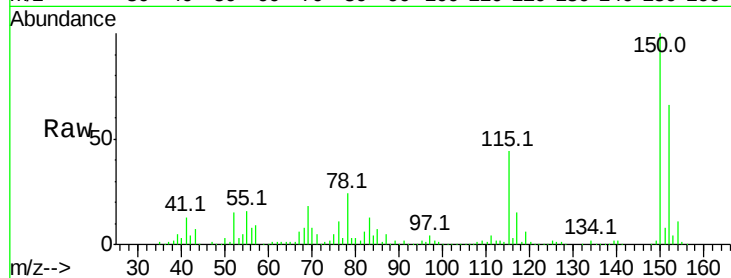
Tot Ion: 79 Resp: 25458

Ion Ratio Lower Upper

79 100

108 25.2 62.9 94.3#

77 109.4 49.5 74.3#



#18

Hexachloroethane

Concen: 33.99 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.08 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

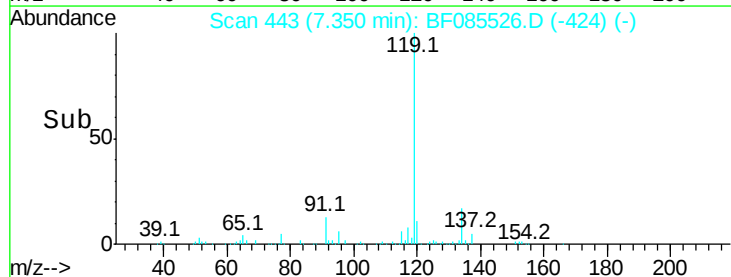
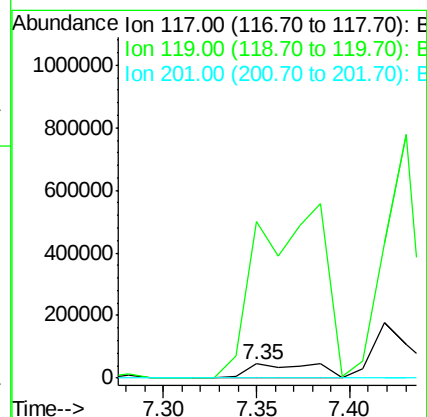
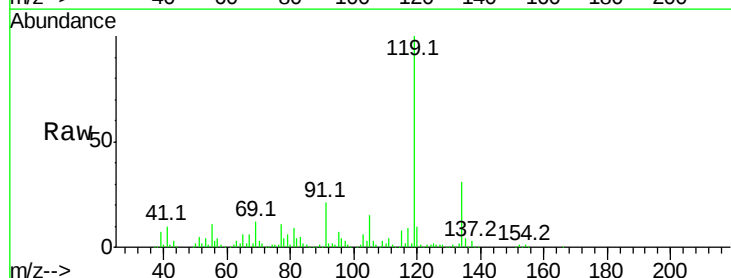
Tgt Ion: 117 Resp: 118758

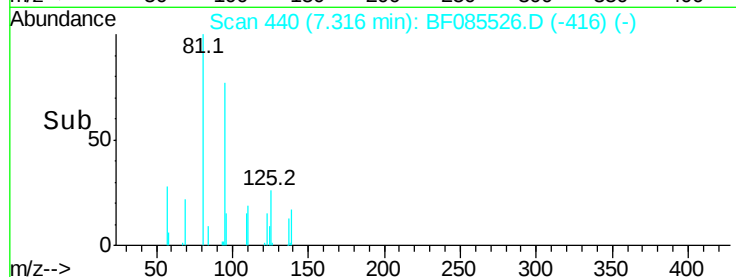
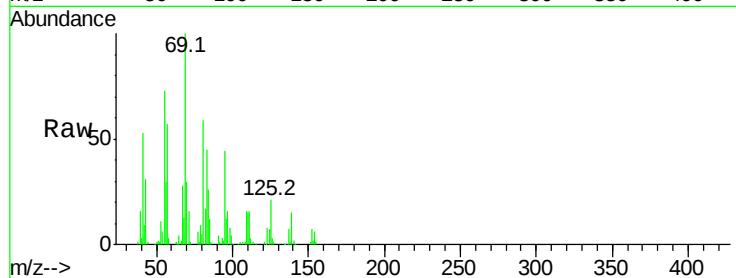
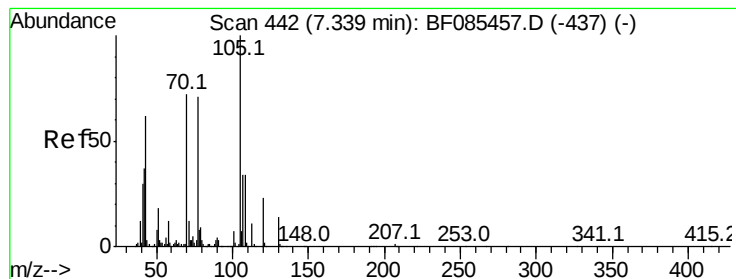
Ion Ratio Lower Upper

117 100

119 1086.9 78.2 117.4#

201 0.0 72.0 108.0#





#19

n-Nitroso-di-n-propylamine

Concen: 7.10 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 40381

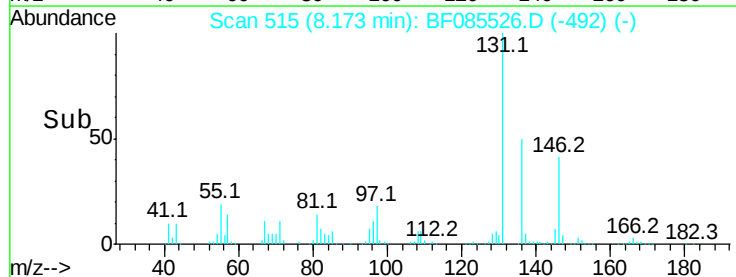
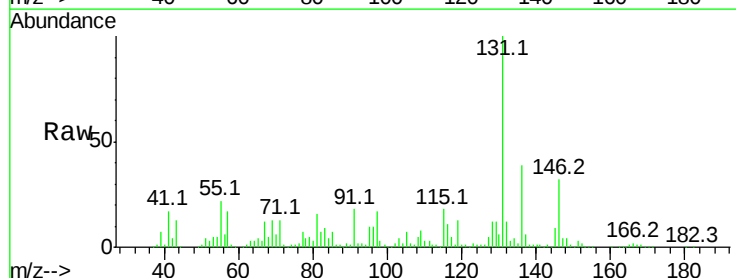
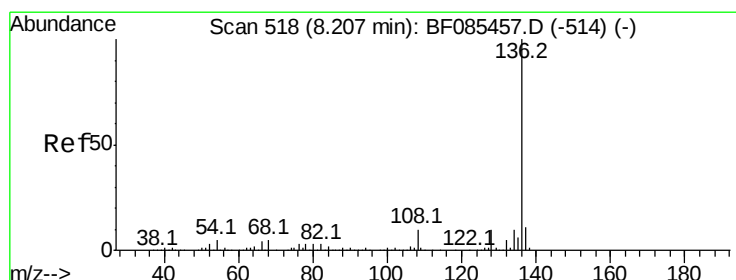
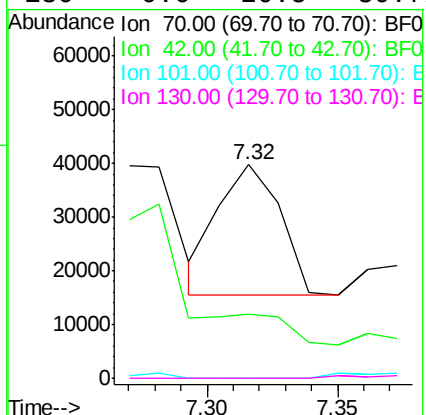
Ion Ratio Lower Upper

70 100

42 29.9 37.7 56.5#

101 0.0 8.2 12.4#

130 0.0 20.5 30.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Tgt Ion: 136 Resp: 306240

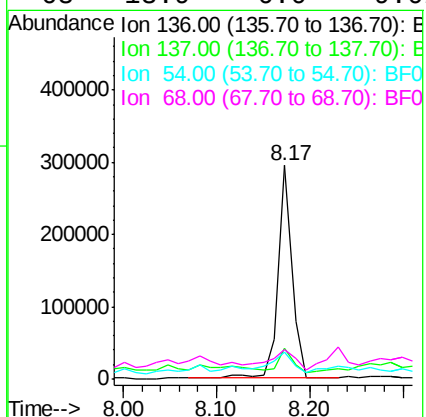
Ion Ratio Lower Upper

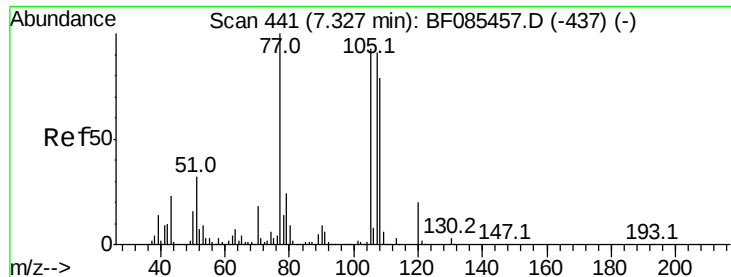
136 100

137 14.4 9.3 13.9#

54 12.8 7.4 11.2#

68 13.9 6.0 9.0#





#22

Acetophenone

Concen: 76.34 ng

RT: 7.28 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 572911

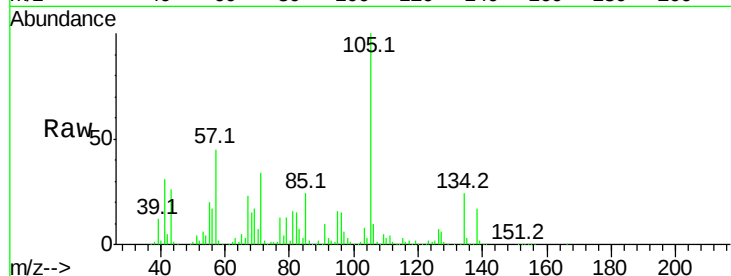
Ion Ratio Lower Upper

105 100

71 33.9 4.1 6.1#

51 4.1 21.1 31.7#

120 0.2 17.3 25.9#



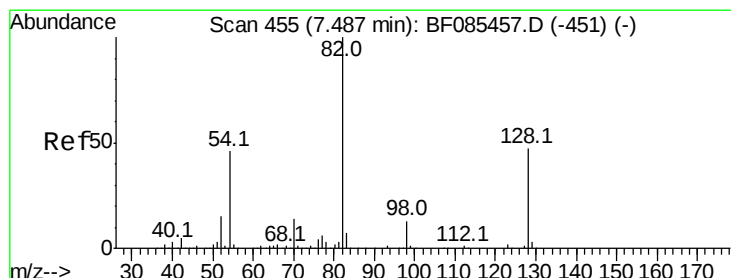
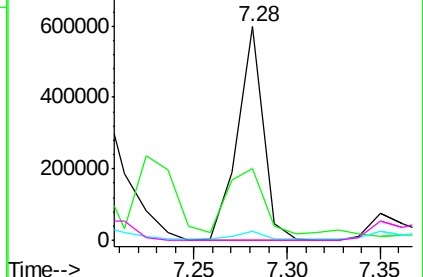
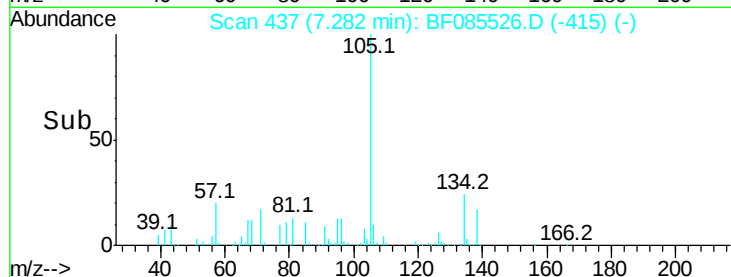
Abundance Ion 105.00 (104.70 to 105.70): E

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: 157.19 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

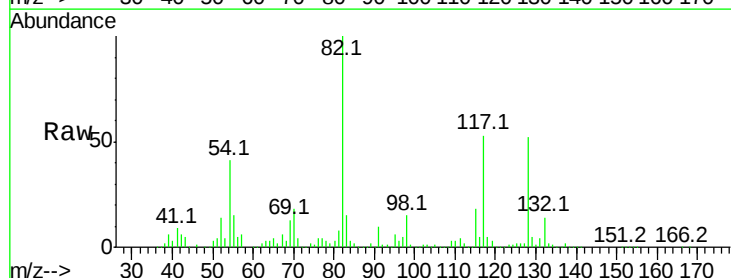
Tgt Ion: 82 Resp: 814165

Ion Ratio Lower Upper

82 100

128 51.7 34.5 51.7

54 40.6 39.3 58.9

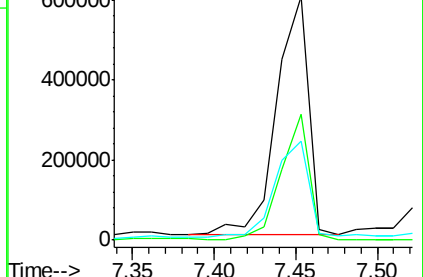
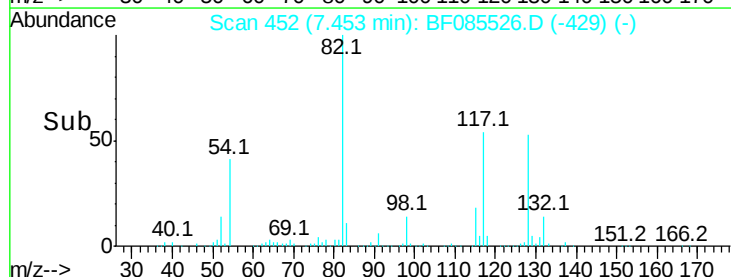


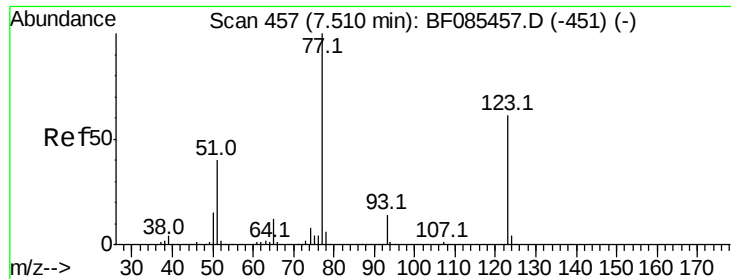
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

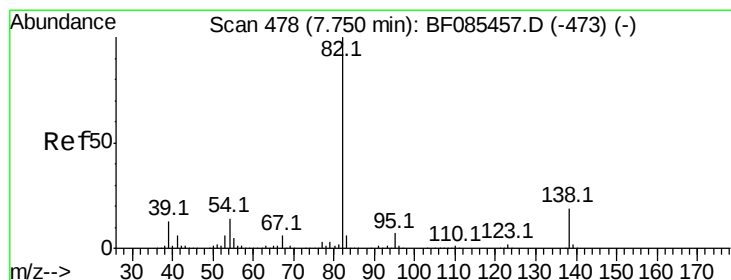
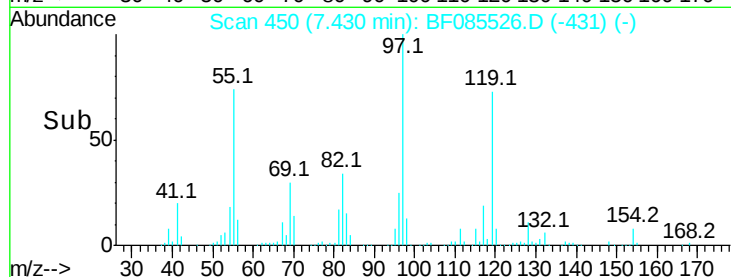
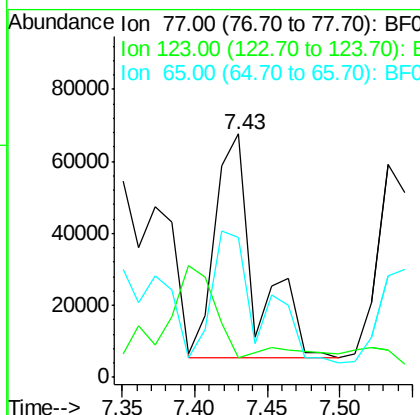
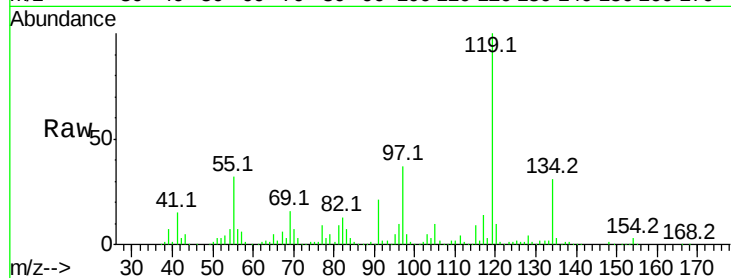




#24
Nitrobenzene
Concen: 20.91 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.08 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

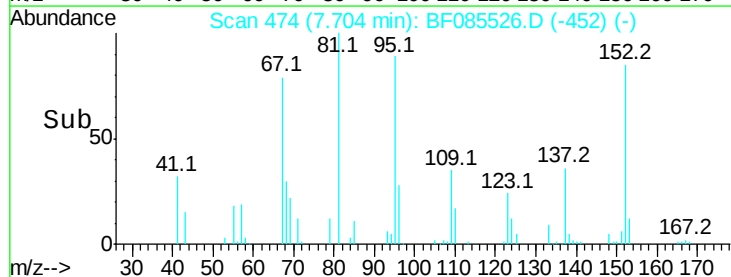
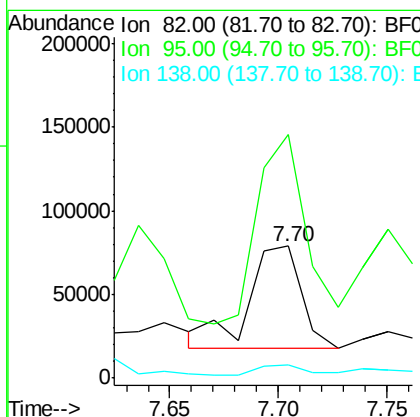
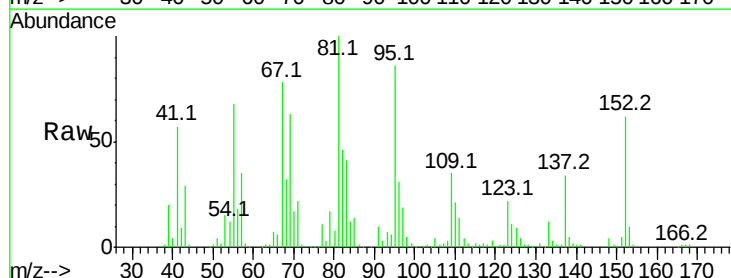
Instrument :
BNA_F
ClientSampled :

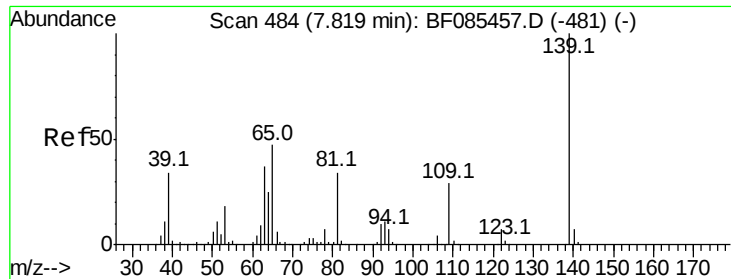
Tot Ion: 77 Resp: 122019
Ion Ratio Lower Upper
77 100
123 8.2 35.4 53.2#
65 57.3 10.6 16.0#



#25
Isophorone
Concen: 9.91 ng
RT: 7.70 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

Tgt Ion: 82 Resp: 104638
Ion Ratio Lower Upper
82 100
95 184.5 5.4 8.2#
138 10.3 13.3 19.9#





#26

2-Nitrophenol

Concen: 5.35 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampled :

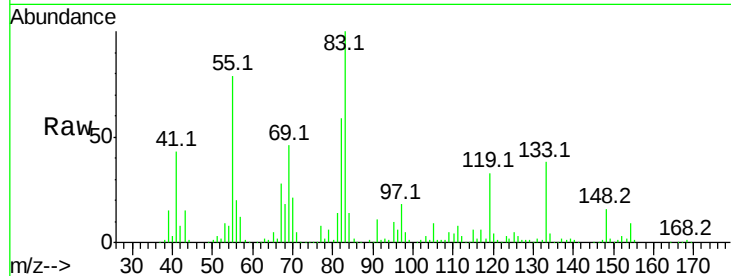
Tot Ion:139 Resp: 14946

Ion Ratio Lower Upper

139 100

109 241.8 19.1 28.7#

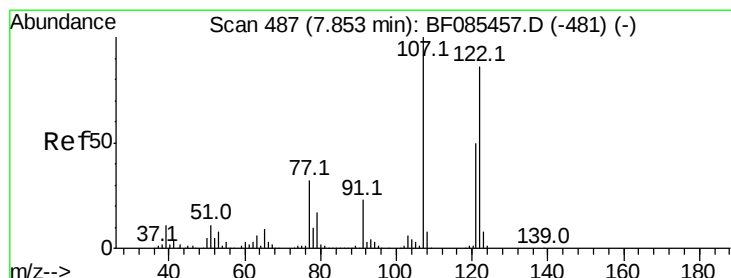
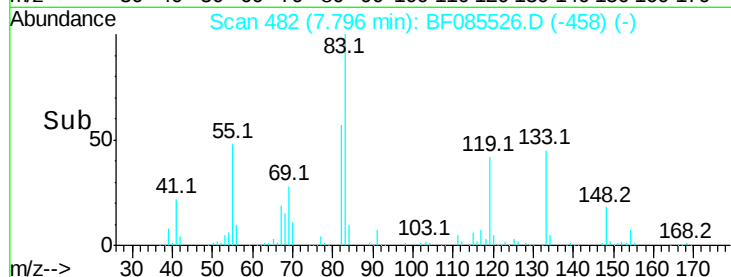
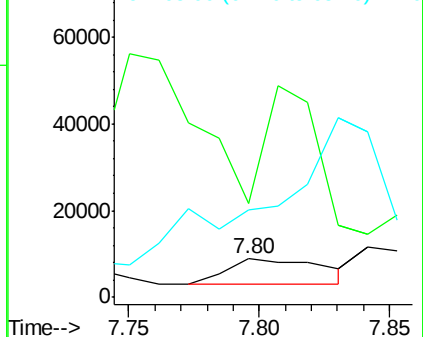
65 226.9 23.9 35.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 3.35 ng

RT: 7.83 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

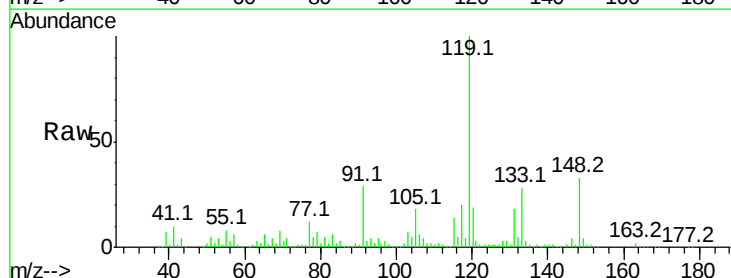
Tgt Ion:122 Resp: 16659

Ion Ratio Lower Upper

122 100

107 264.2 84.8 127.2#

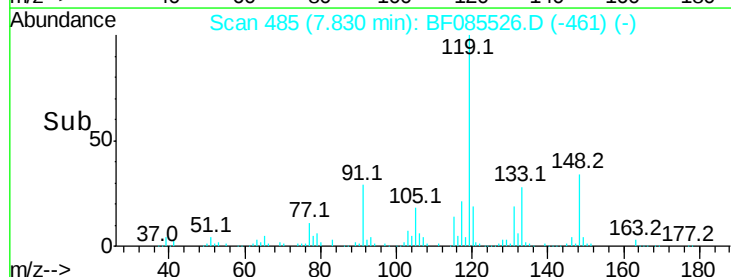
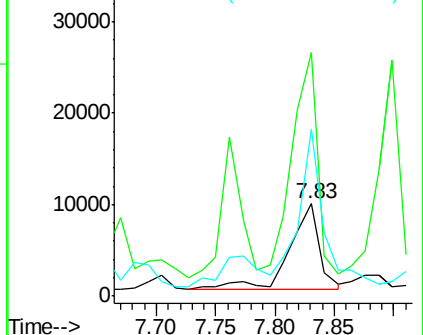
121 180.5 47.0 70.6#

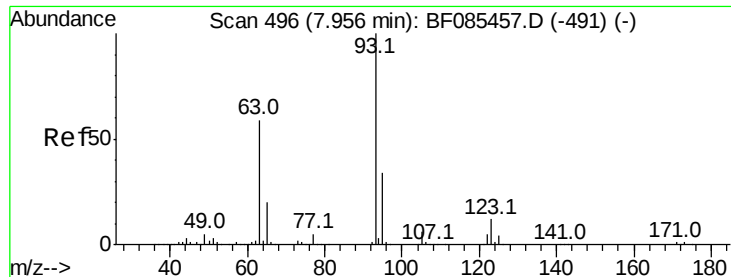


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 6.66 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

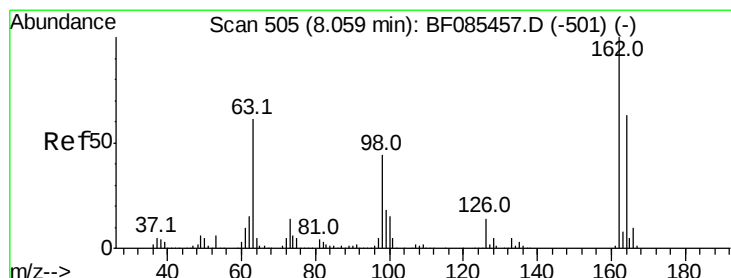
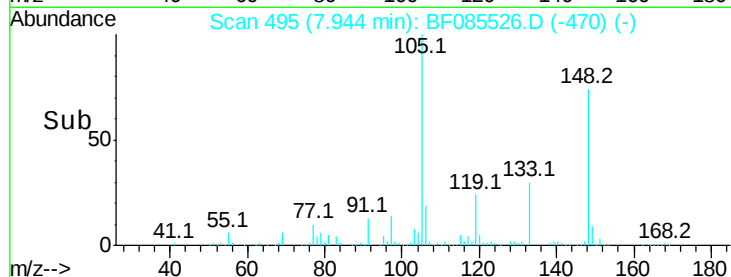
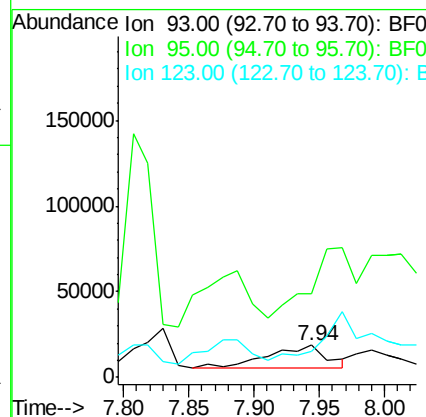
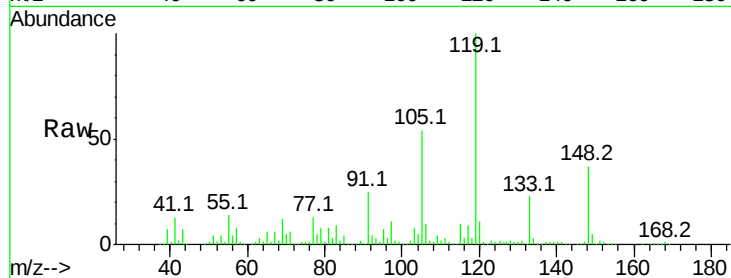
Tot Ion: 93 Resp: 42032

Ion Ratio Lower Upper

93 100

95 259.5 25.9 38.9#

123 81.5 8.8 13.2#



#29

2,4-Dichlorophenol

Concen: 6.67 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

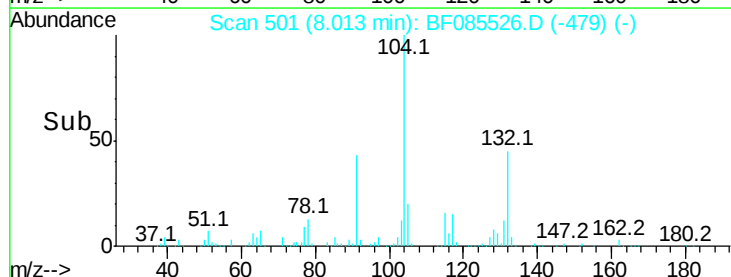
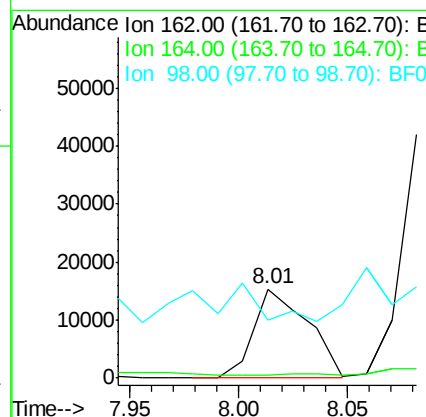
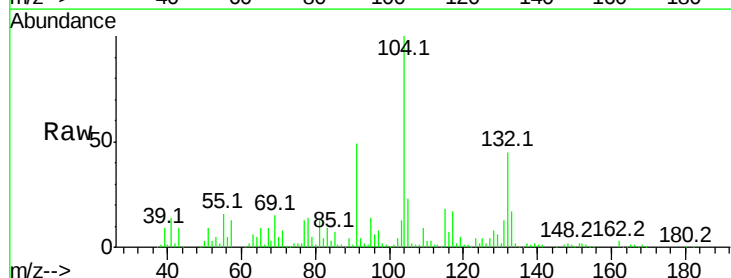
Tgt Ion:162 Resp: 26896

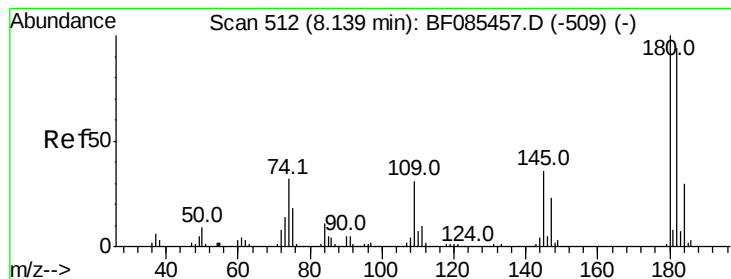
Ion Ratio Lower Upper

162 100

164 3.6 45.7 85.7#

98 64.7 9.4 49.4#





#30

1,2,4-Trichlorobenzene

Concen: 2.11 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.07 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

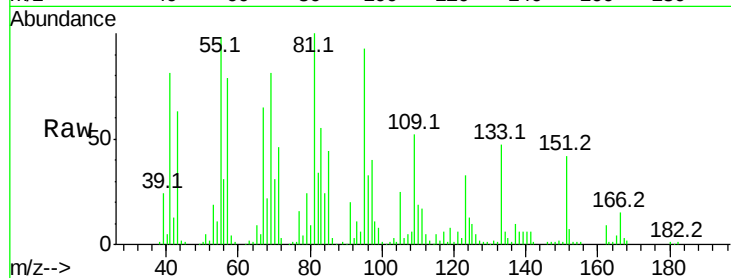
Tot Ion:180 Resp: 9857

Ion Ratio Lower Upper

180 100

182 43.4 74.9 112.3#

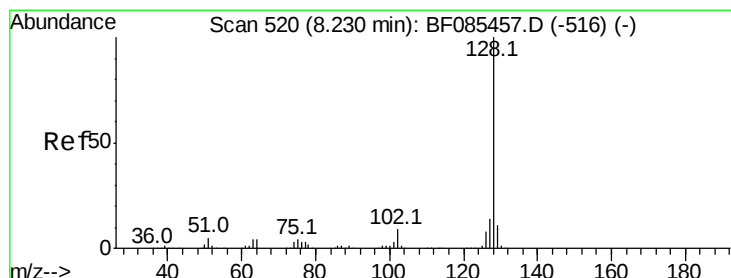
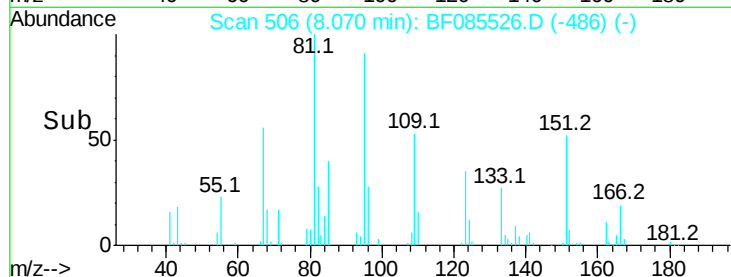
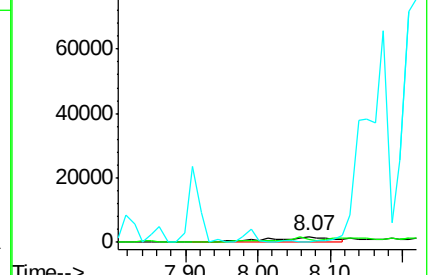
145 0.0 27.9 41.9#



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: 65.44 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

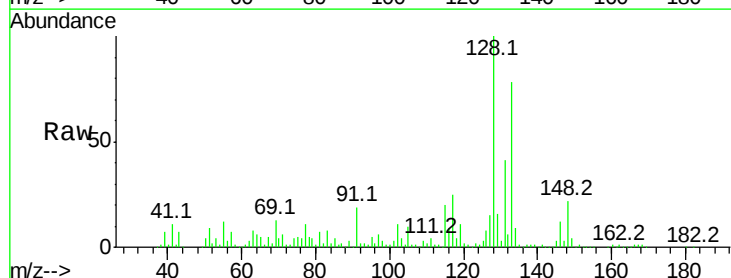
Tgt Ion:128 Resp: 979271

Ion Ratio Lower Upper

128 100

129 16.5 9.7 14.5#

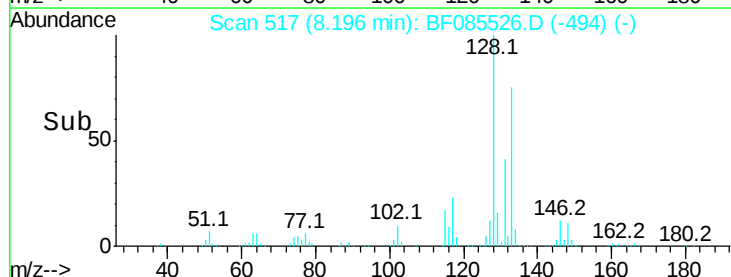
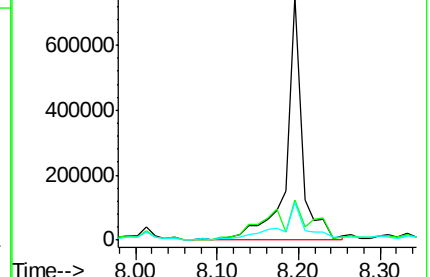
127 15.3 11.2 16.8

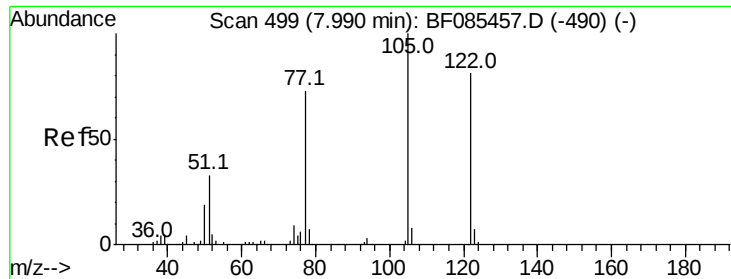


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 5.09 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

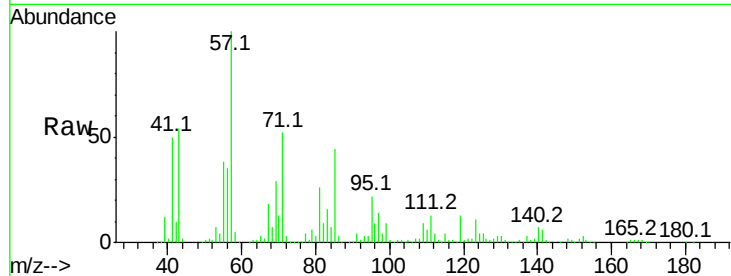
Tot Ion:122 Resp: 14556

Ion Ratio Lower Upper

122 100

105 70.4 101.3 141.3#

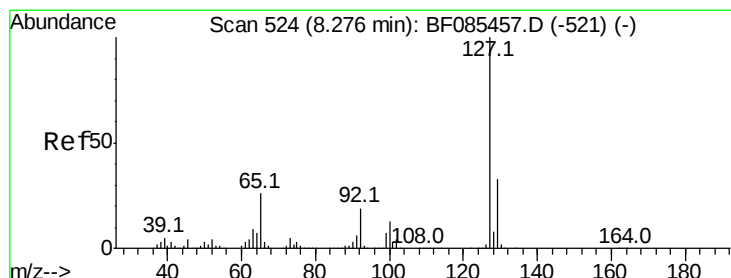
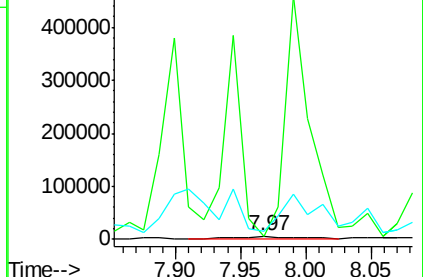
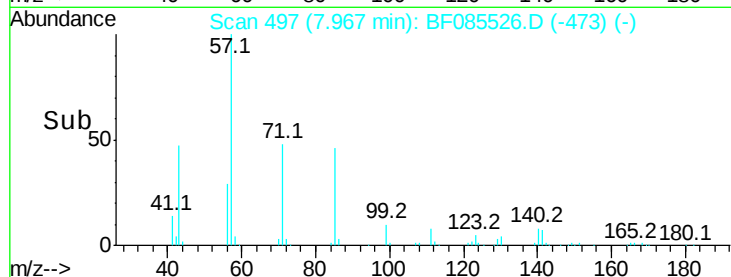
77 229.4 74.7 114.7#



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: 35.39 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.08 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Tgt Ion:127 Resp: 227778

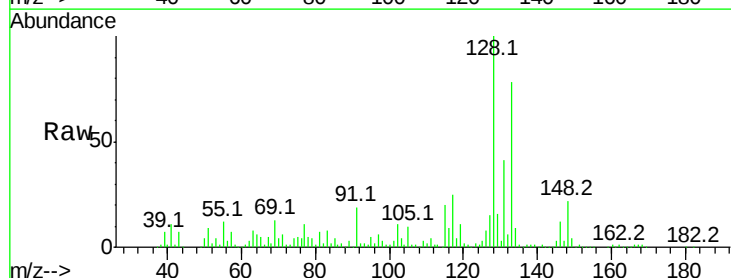
Ion Ratio Lower Upper

127 100

129 107.6 26.1 39.1#

65 31.2 27.0 40.6

92 11.7 17.4 26.0#

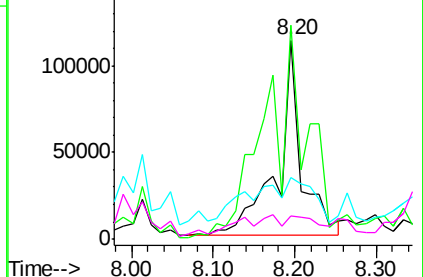
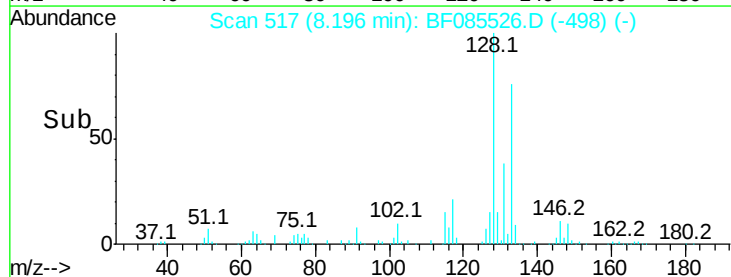


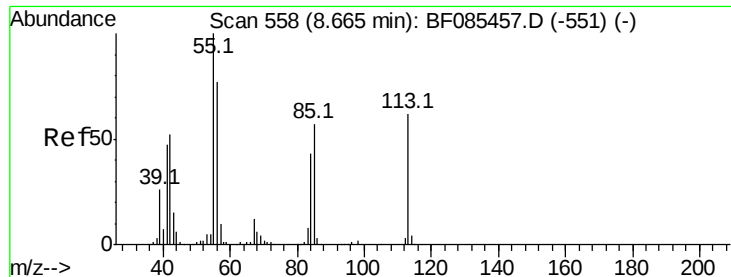
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

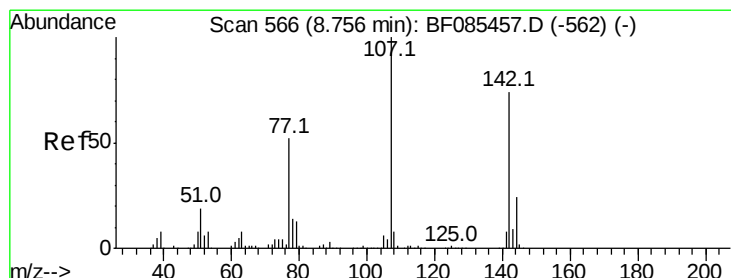
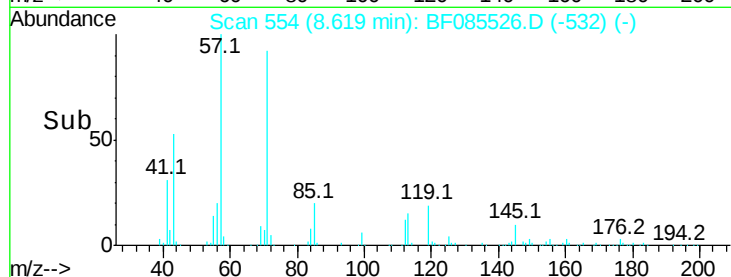
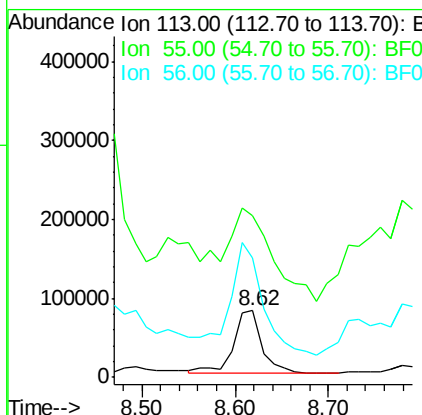
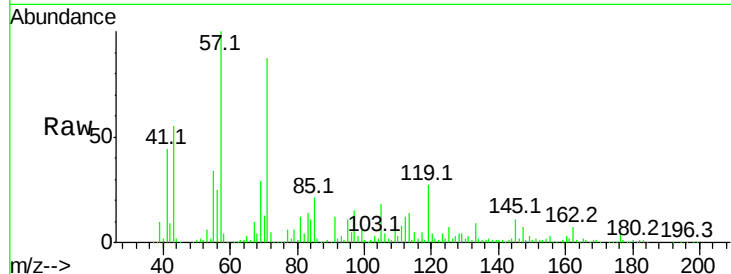




#35
 Caprolactam
 Concen: 129.12 ng
 RT: 8.62 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

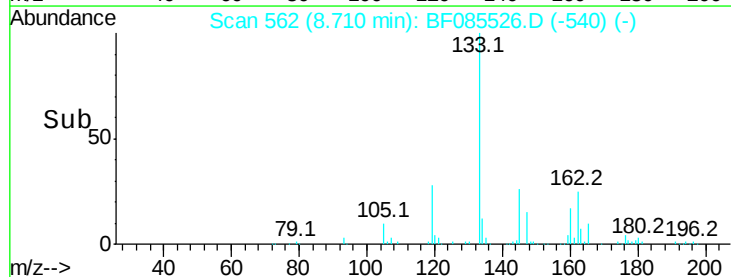
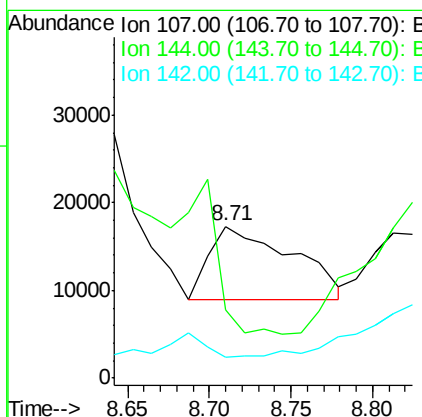
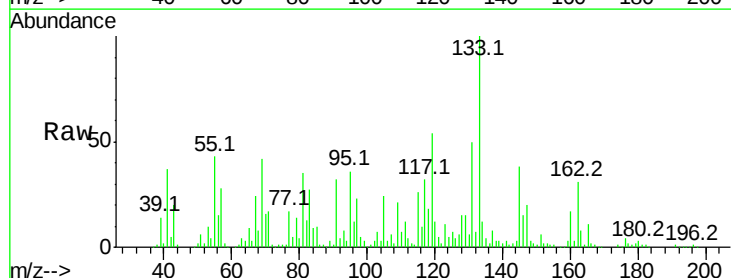
Instrument :
 BNA_F
 ClientSampleId :

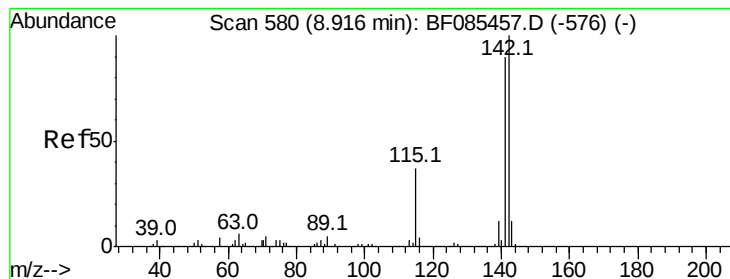
Tot Ion:113 Resp: 170086
 Ion Ratio Lower Upper
 113 100
 55 242.9 152.7 192.7#
 56 179.4 109.0 149.0#



#36
 4-Chloro-3-methylphenol
 Concen: 6.38 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.05 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Tgt Ion:107 Resp: 29391
 Ion Ratio Lower Upper
 107 100
 144 44.8 19.4 29.2#
 142 13.6 59.4 89.2#

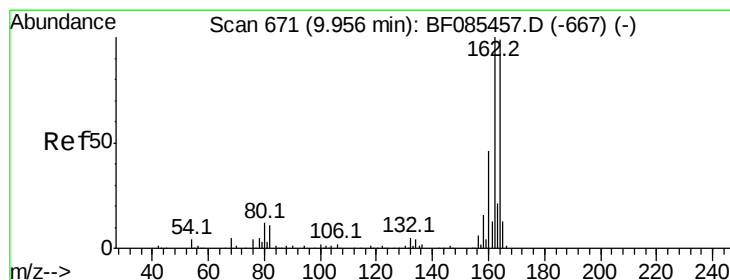
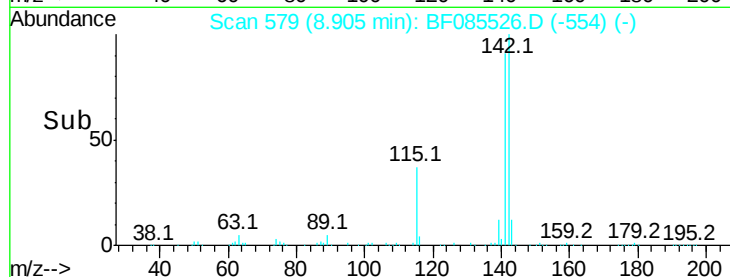
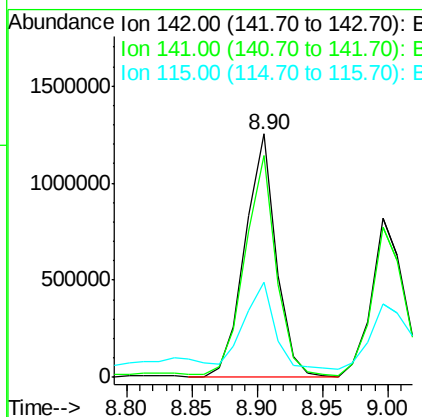
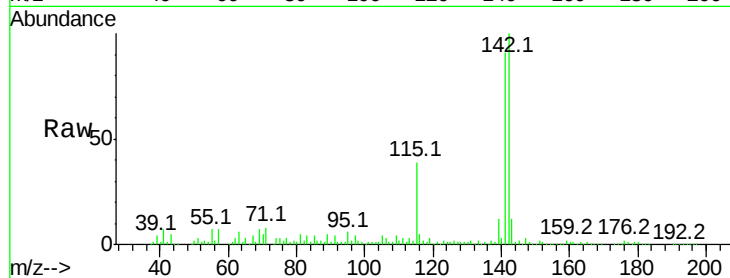




#37
 2-Methylnaphthalene
 Concen: 218.60 ng
 RT: 8.90 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

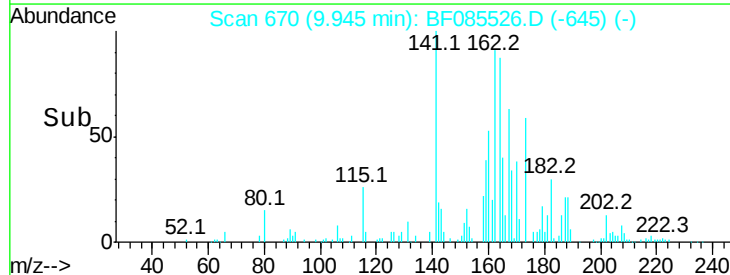
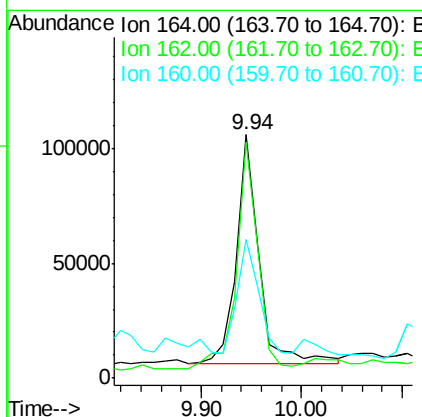
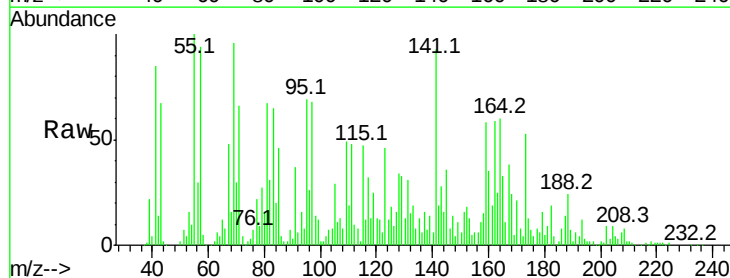
Instrument :
 BNA_F
 ClientSampleId :

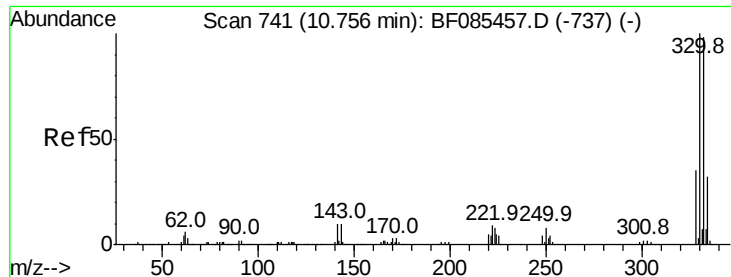
Tot Ion:142 Resp: 2071397
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.7 107.5
 115 39.0 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Tgt Ion:164 Resp: 154933
 Ion Ratio Lower Upper
 164 100
 162 97.0 83.3 124.9
 160 57.1 37.9 56.9#

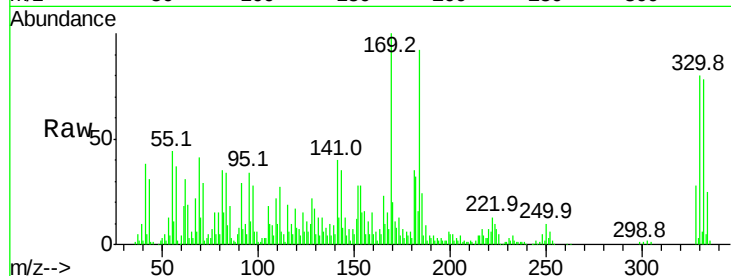




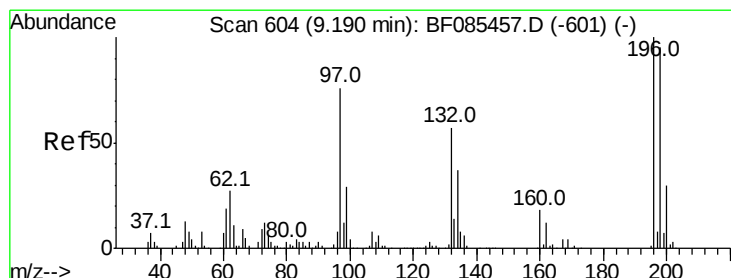
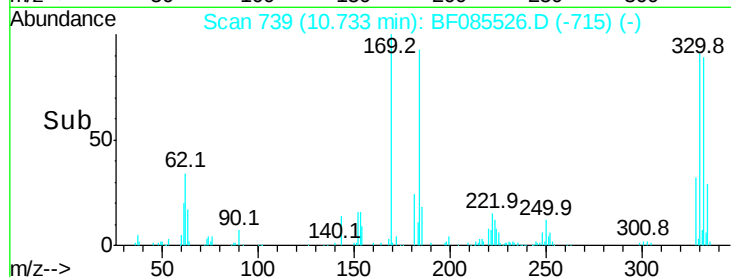
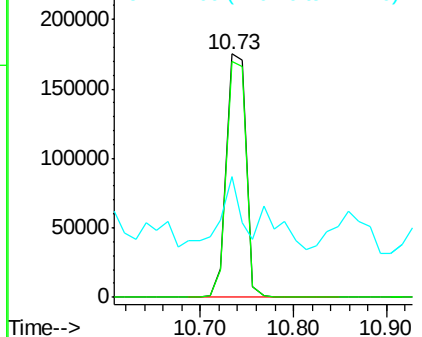
#41
 2,4,6-Tribromophenol
 Concen: 182.02 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 259742
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 21.0 35.0 52.6#

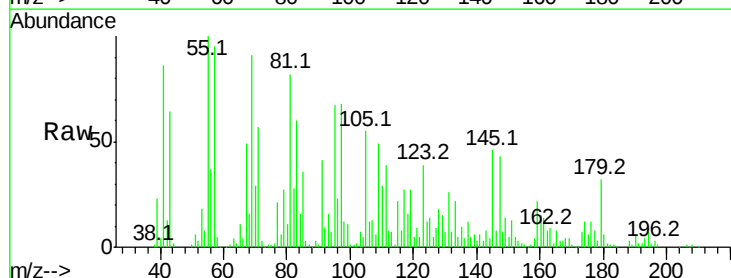


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

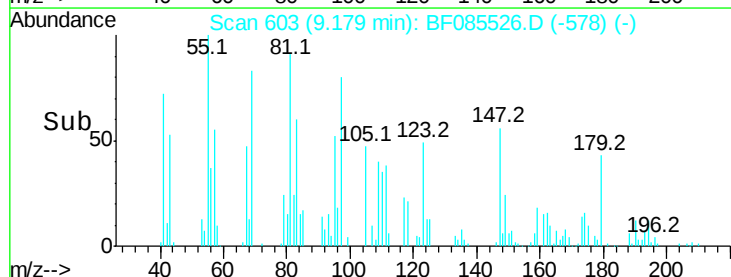
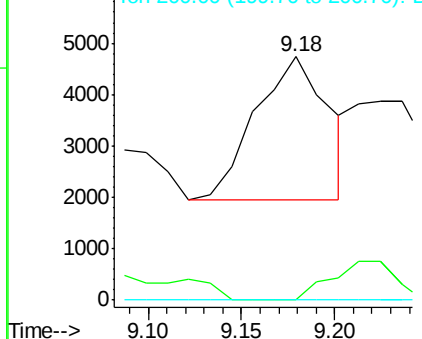


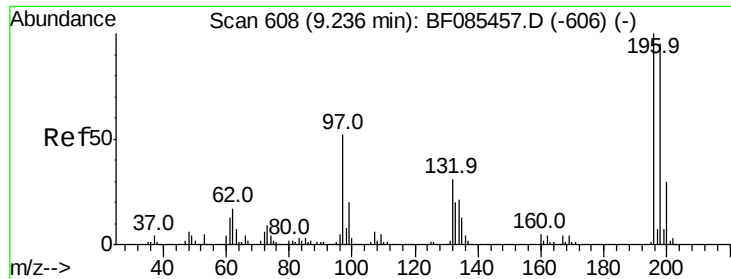
#42
 2,4,6-Trichlorophenol
 Concen: 2.37 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Tgt Ion:196 Resp: 7529
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.8 116.6#
 200 0.0 25.0 37.6#



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

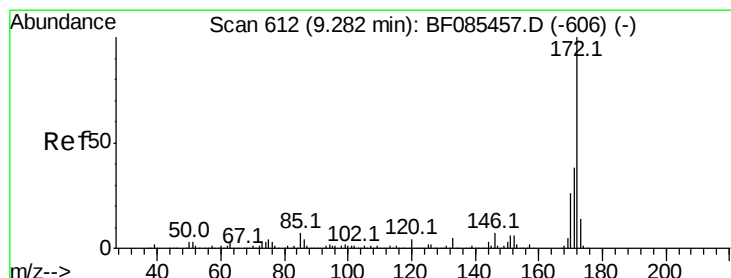
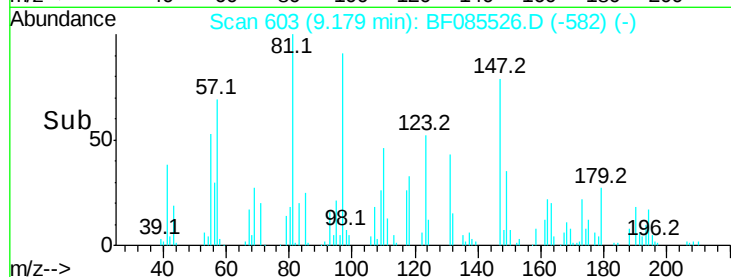
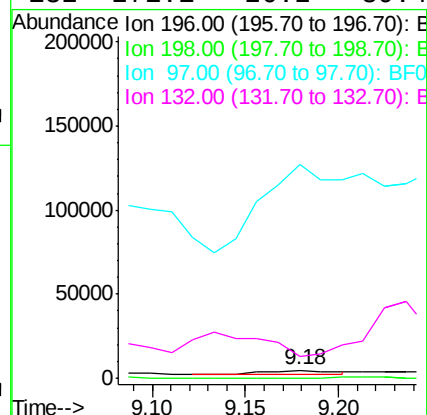
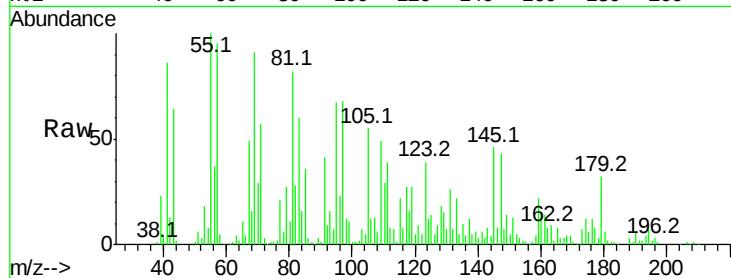




#43
 2,4,5-Trichlorophenol
 Concen: 2.34 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

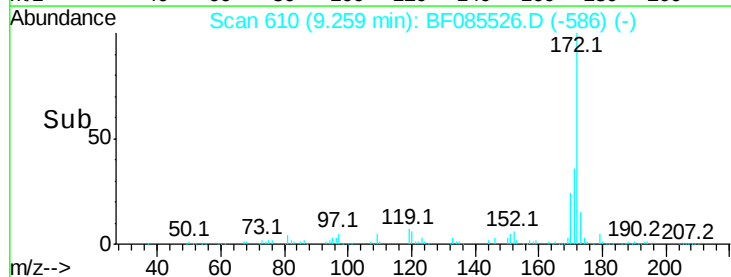
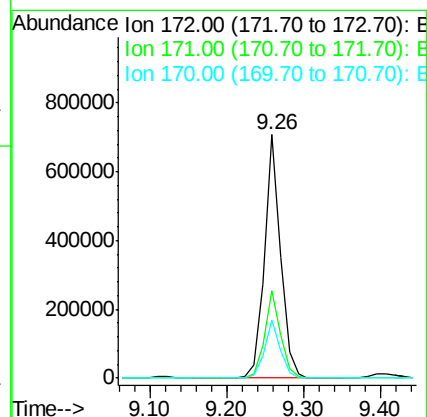
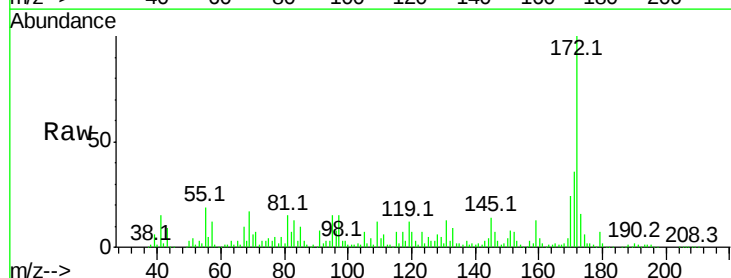
Instrument :
 BNA_F
 ClientSampled :

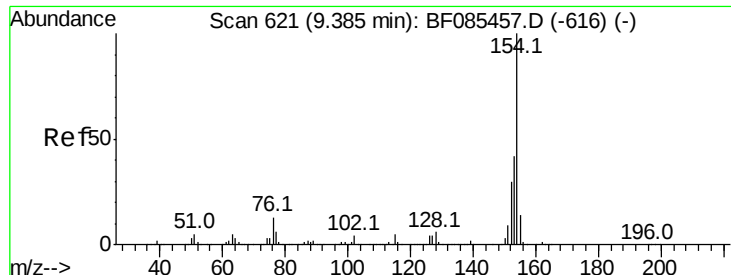
Tot Ion:196 Resp: 7529
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 97 2681.4 46.4 69.6#
 132 271.1 26.2 39.4#



#44
 2-Fluorobiphenyl
 Concen: 112.82 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Tgt Ion:172 Resp: 1007578
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 23.7 20.0 30.0





#45

1,1'-Biphenyl

Concen: 16.42 ng

RT: 9.36 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

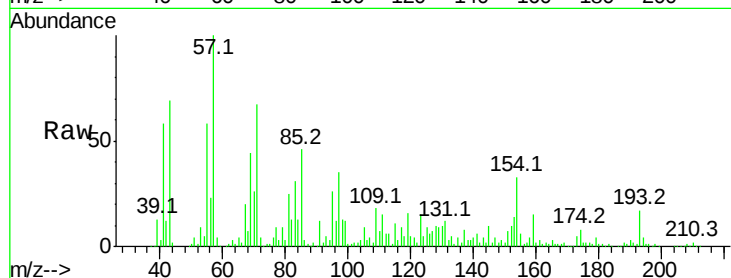
Tot Ion:154 Resp: 207612

Ion Ratio Lower Upper

154 100

153 42.5 21.4 61.4

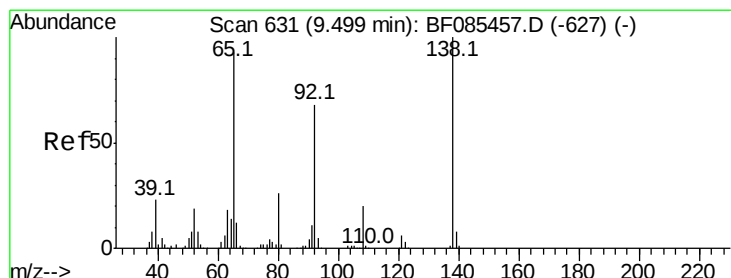
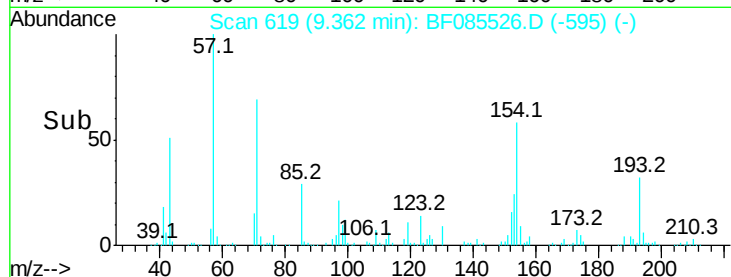
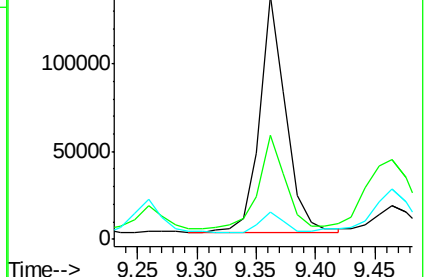
76 11.4 0.0 37.5



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



#47

2-Nitroaniline

Concen: 10.41 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.08 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

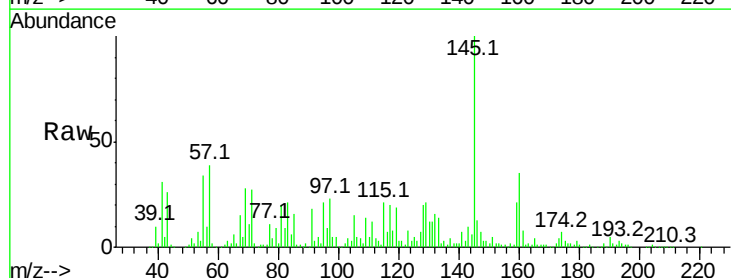
Tgt Ion: 65 Resp: 29877

Ion Ratio Lower Upper

65 100

92 44.2 55.4 83.2#

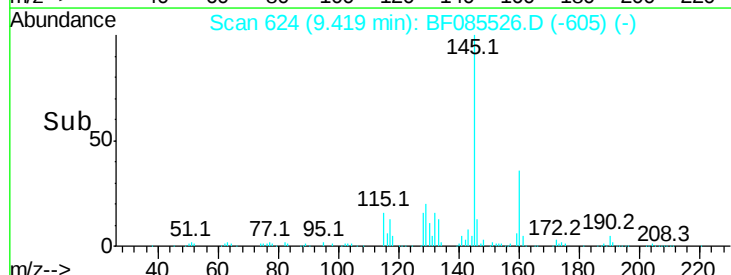
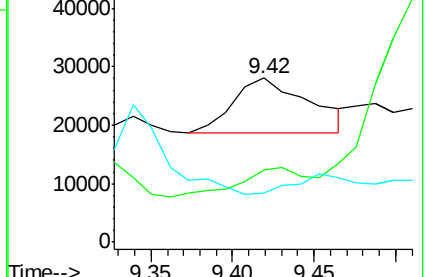
138 30.1 75.7 113.5#

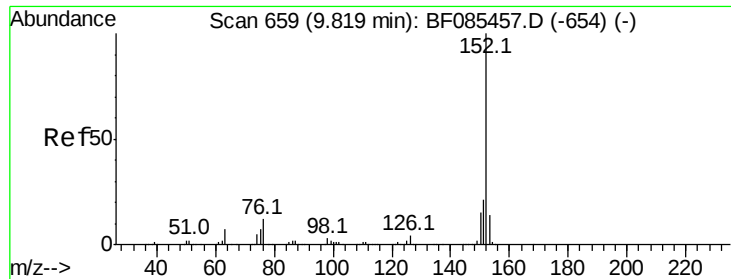


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 6.68 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampled :

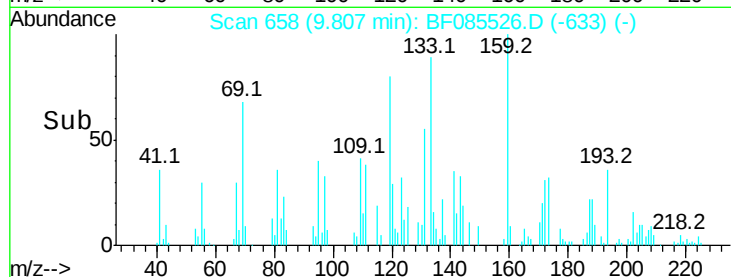
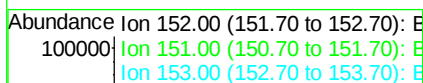
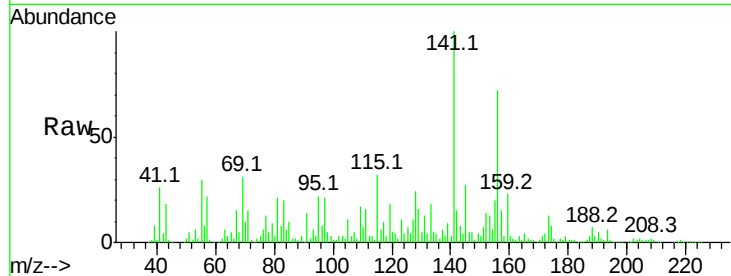
Tot Ion:152 Resp: 102421

Ion Ratio Lower Upper

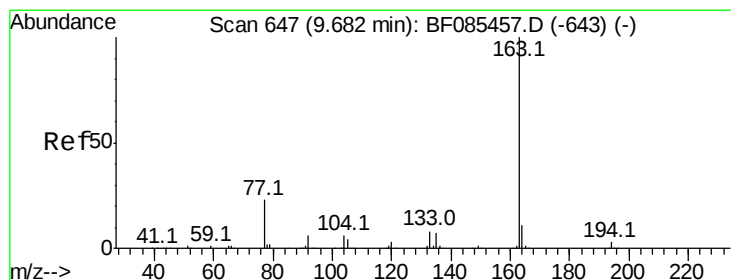
152 100

151 52.1 17.5 26.3#

153 97.3 11.3 16.9#



Time-->



#49

Dimethylphthalate

Concen: 16.36 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

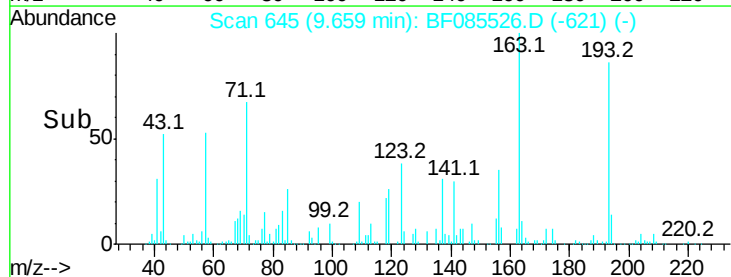
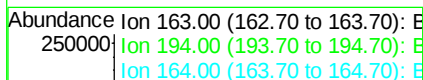
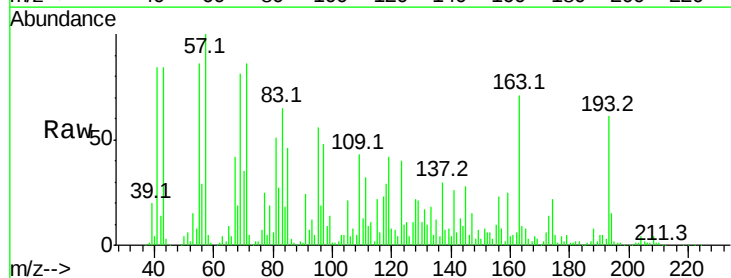
Tgt Ion:163 Resp: 184905

Ion Ratio Lower Upper

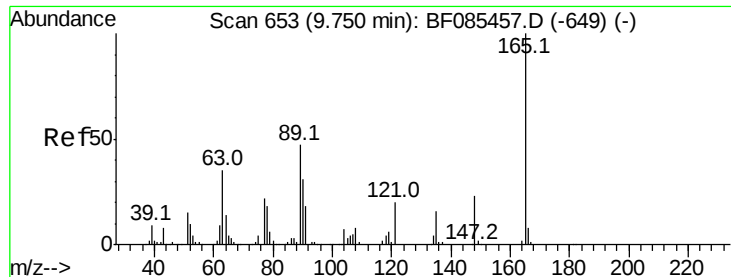
163 100

194 21.1 3.1 4.7#

164 12.6 8.2 12.4#



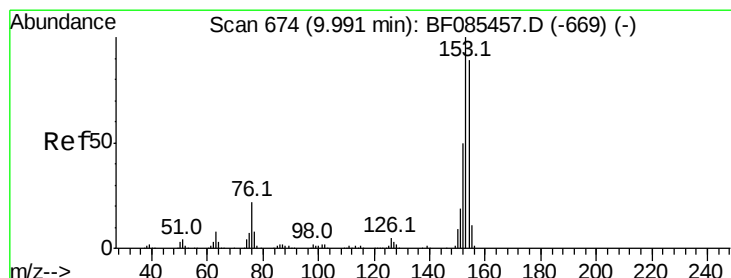
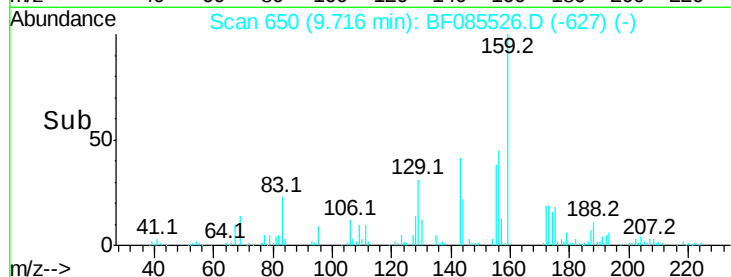
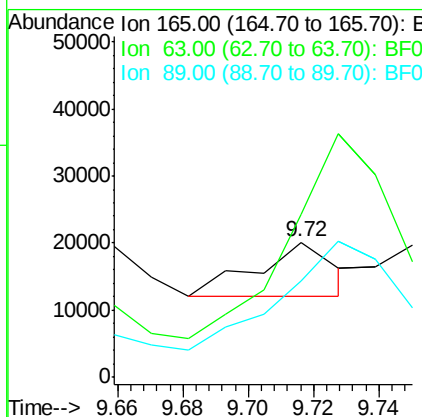
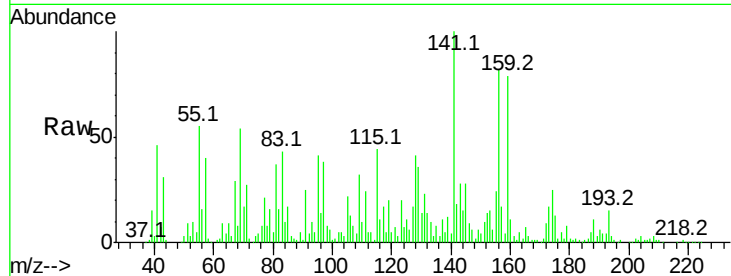
Time-->



#50
 2,6-Dinitrotoluene
 Concen: 5.30 ng
 RT: 9.72 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

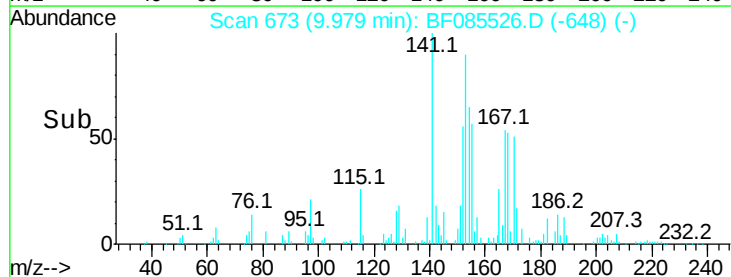
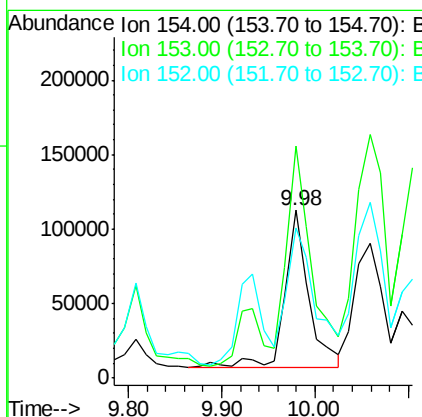
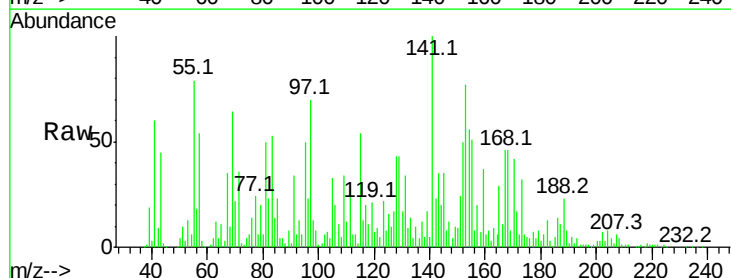
Instrument :
 BNA_F
 ClientSampled :

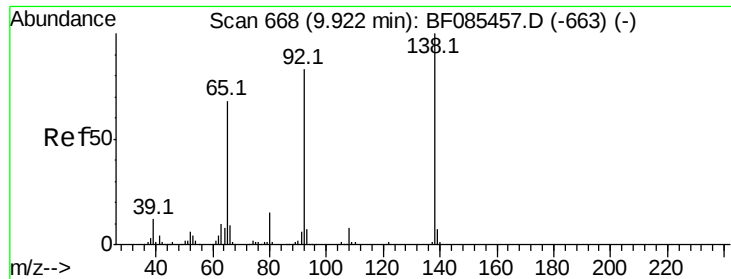
Tot Ion:165 Resp: 13242
 Ion Ratio Lower Upper
 165 100
 63 120.9 41.8 62.8#
 89 71.1 46.7 70.1#



#51
 Acenaphthene
 Concen: 19.63 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Tgt Ion:154 Resp: 189191
 Ion Ratio Lower Upper
 154 100
 153 138.3 89.8 134.8#
 152 89.9 44.6 66.8#





#52

3-Nitroaniline

Concen: 6.23 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

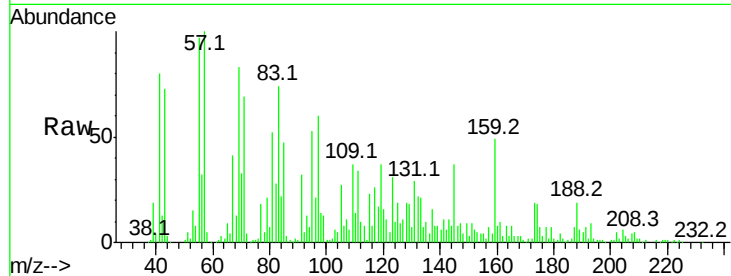
Tot Ion:138 Resp: 18605

Ion Ratio Lower Upper

138 100

108 77.5 7.8 11.6#

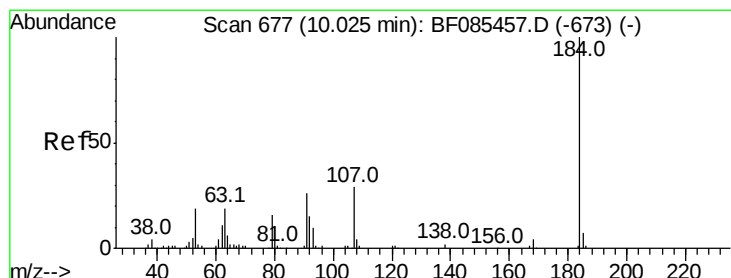
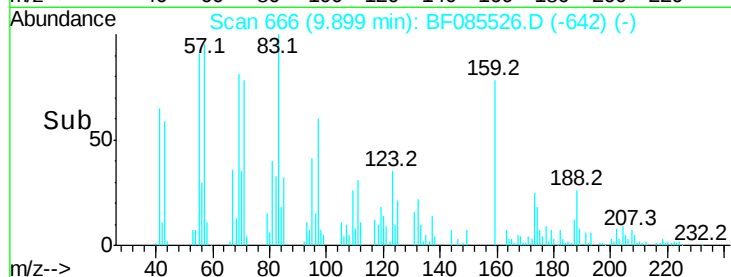
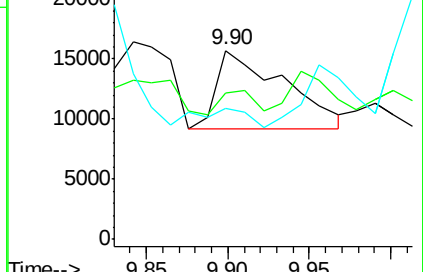
92 69.5 81.3 121.9#



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: 8.77 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.15 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

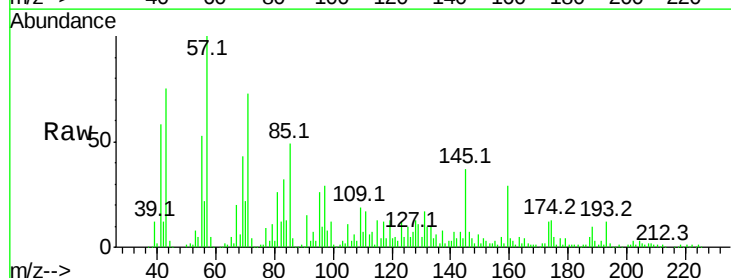
Tgt Ion:184 Resp: 2835

Ion Ratio Lower Upper

184 100

63 749.7 82.2 123.4#

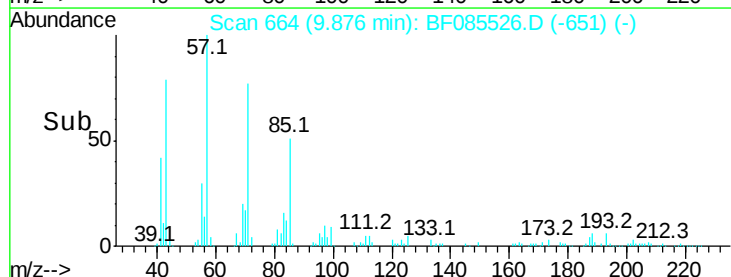
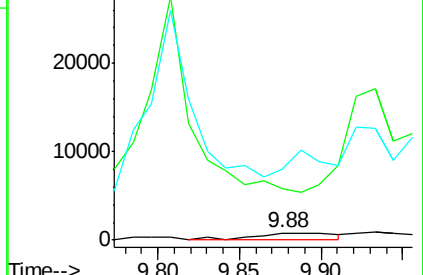
154 1009.9 108.9 163.3#

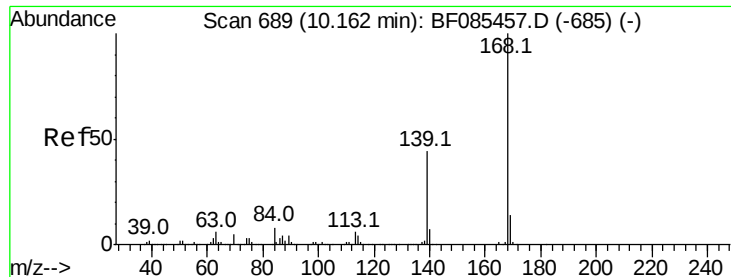


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 8.42 ng

RT: 10.15 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

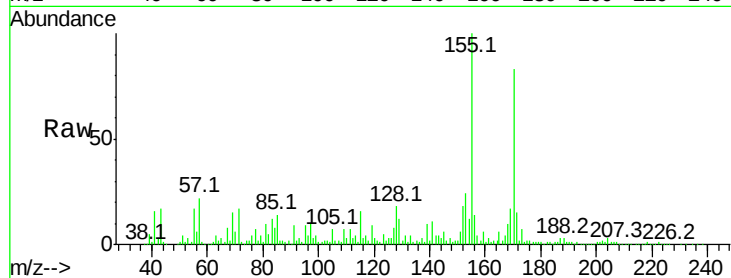
Tot Ion:168 Resp: 99746

Ion Ratio Lower Upper

168 100

139 101.3 33.6 50.4#

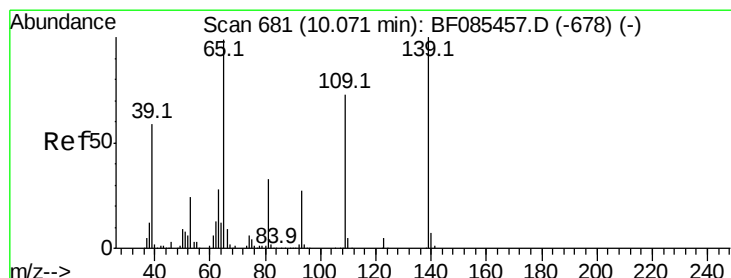
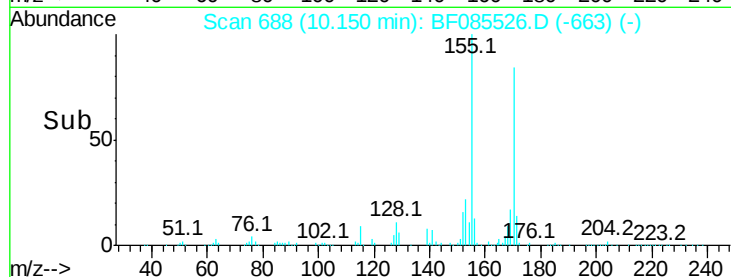
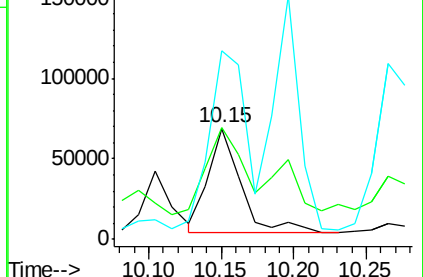
169 170.1 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 58.95 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

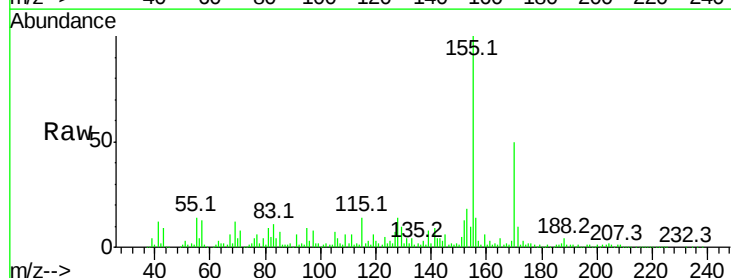
Tgt Ion:139 Resp: 121166

Ion Ratio Lower Upper

139 100

109 78.8 41.9 81.9

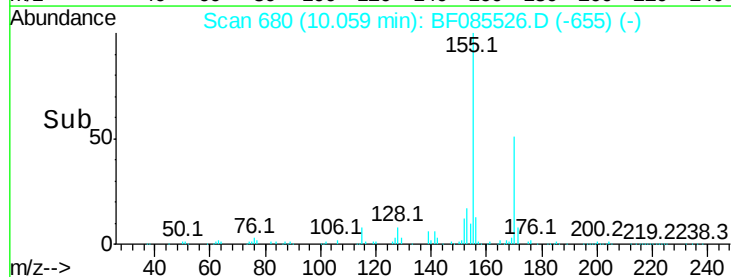
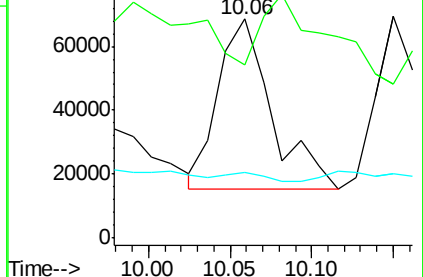
65 30.0 48.3 88.3#

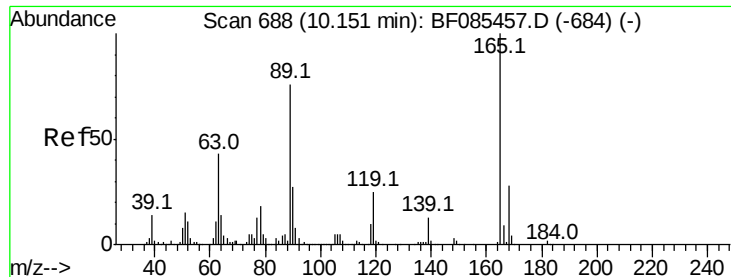


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 11.23 ng

RT: 10.15 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 35168

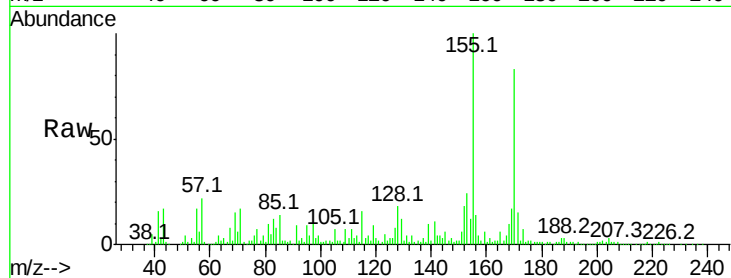
Ion Ratio Lower Upper

165 100

63 67.9 35.4 53.0#

89 37.8 61.9 92.9#

182 12.0 1.9 2.9#

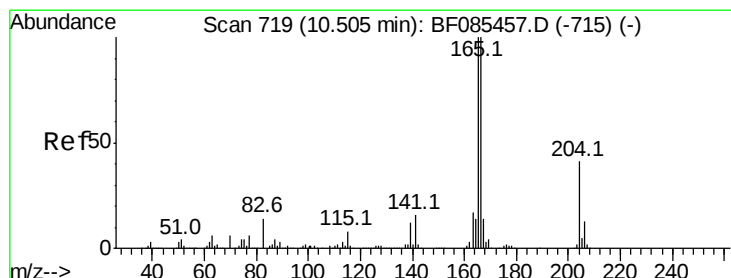
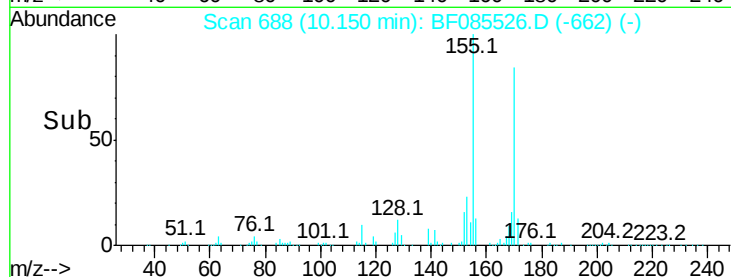
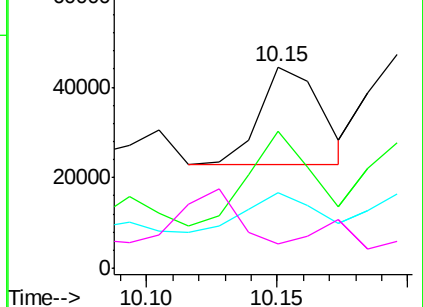


Abundance Ion 165.00 (164.70 to 165.70): E

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: 30.53 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

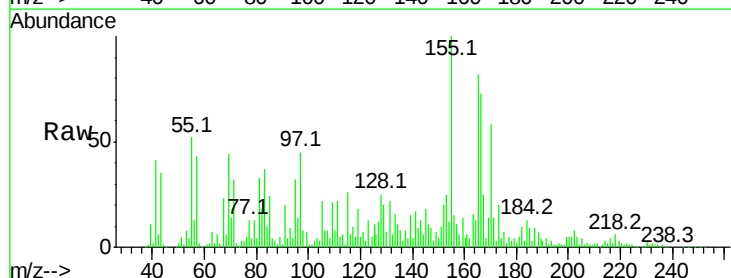
Tgt Ion:166 Resp: 288191

Ion Ratio Lower Upper

166 100

165 112.1 79.4 119.0

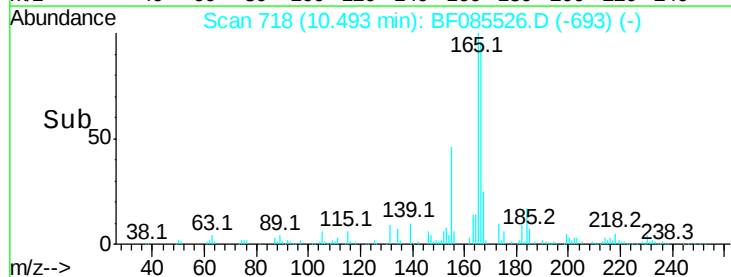
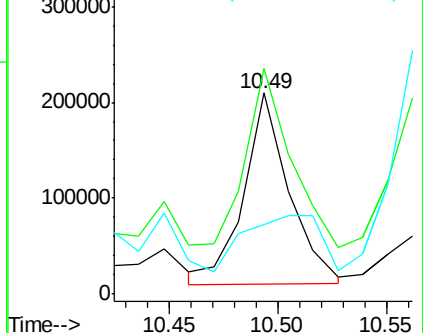
167 34.8 11.0 16.6#

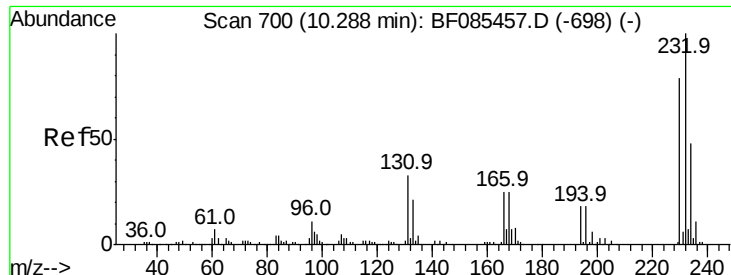


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

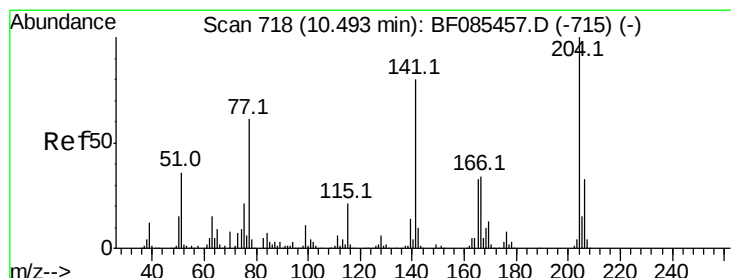
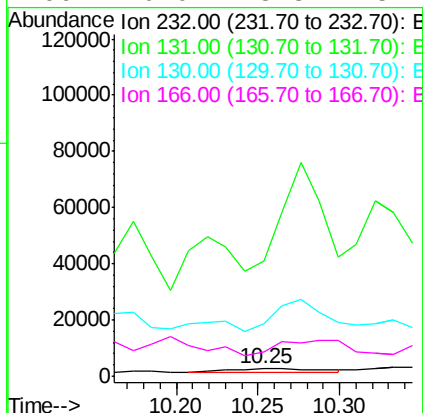
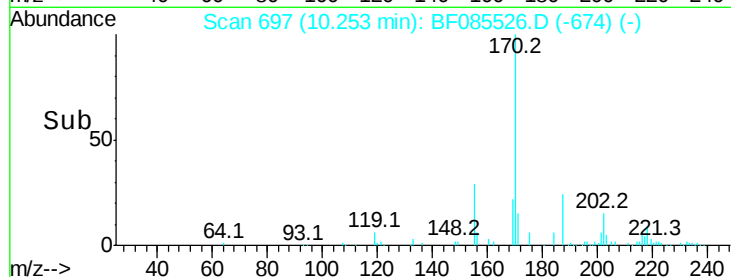
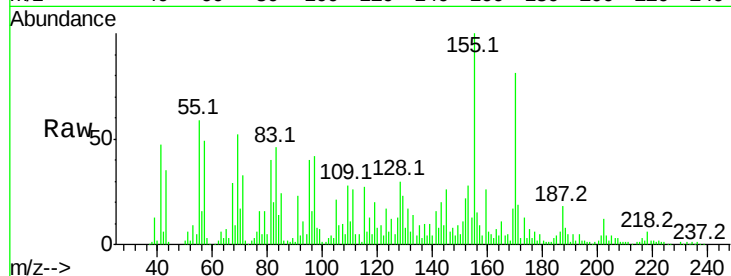




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.15 ng
 RT: 10.25 min Scan# 697
 Delta R.T. -0.03 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

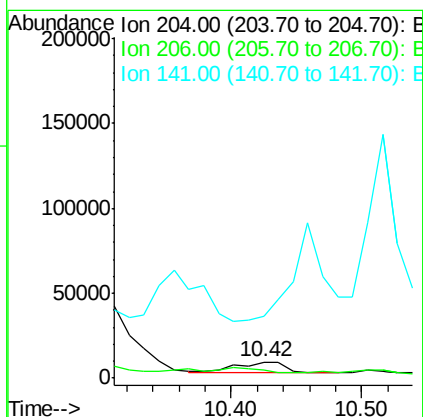
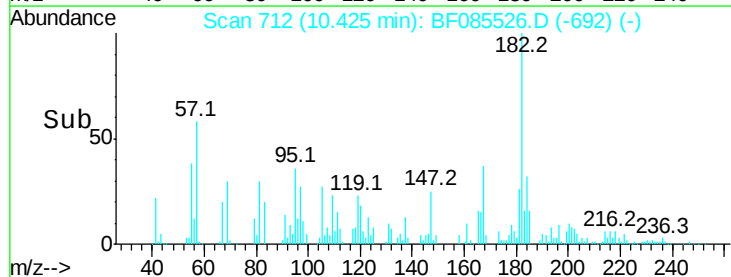
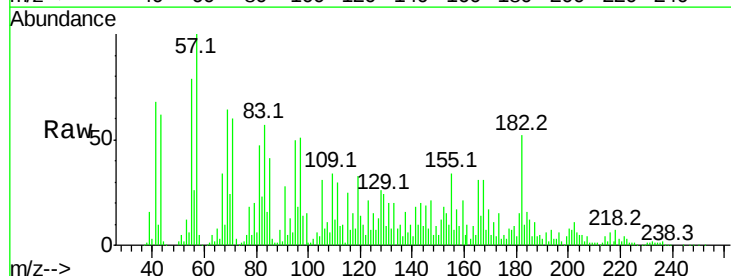
Instrument :
 BNA_F
 ClientSampleId :

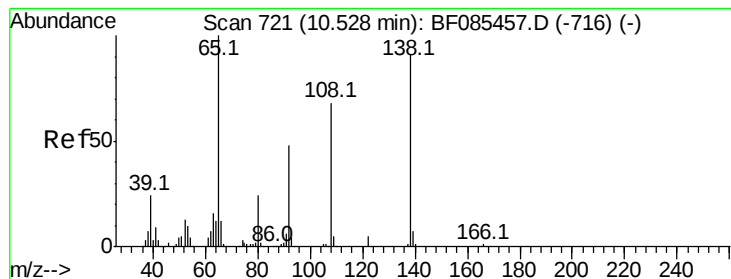
Tot Ion:	232	Resp:	4752
Ion	Ratio	Lower	Upper
232	100		
131	0.0	46.0	69.0#
130	0.0	2.2	3.4#
166	0.0	28.8	43.2#



#60
 4-Chlorophenyl-phenylether
 Concen: 3.75 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.07 min
 Lab File: BF085526.D
 Acq: 18 Mar 2016 8:32

Tgt Ion:	204	Resp:	18183
Ion	Ratio	Lower	Upper
204	100		
206	46.4	26.5	39.7#
141	379.9	55.4	83.2#





#61

4-Nitroaniline

Concen: 6.45 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.13 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampled :

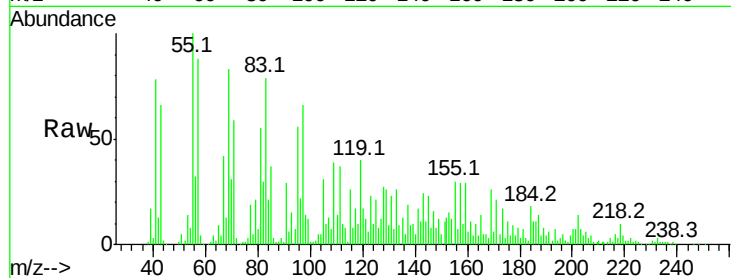
Tot Ion:138 Resp: 18101

Ion Ratio Lower Upper

138 100

92 69.4 34.2 74.2

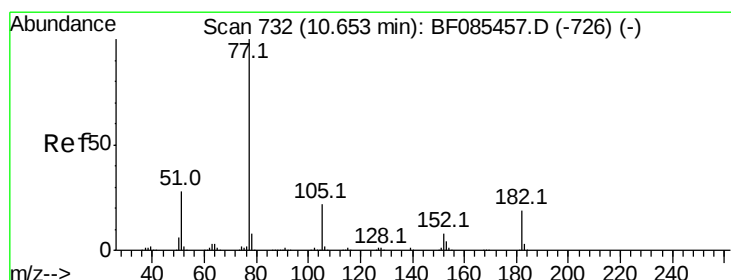
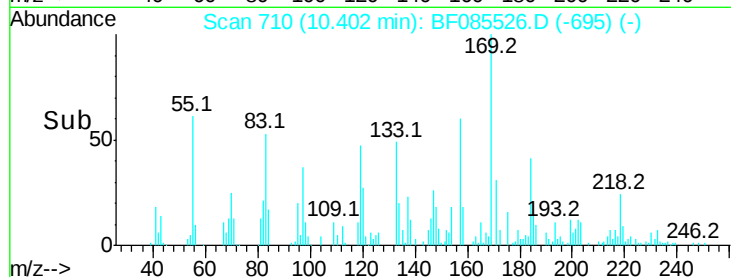
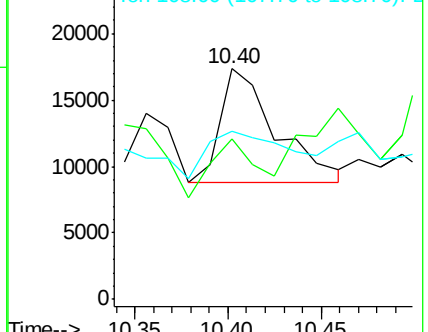
108 73.1 53.9 93.9



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: 4.57 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Tgt Ion: 77 Resp: 49643

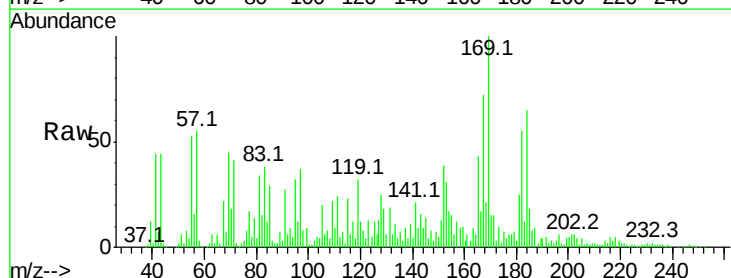
Ion Ratio Lower Upper

77 100

182 327.9 2.1 42.1#

105 119.1 3.8 43.8#

51 34.0 7.8 47.8

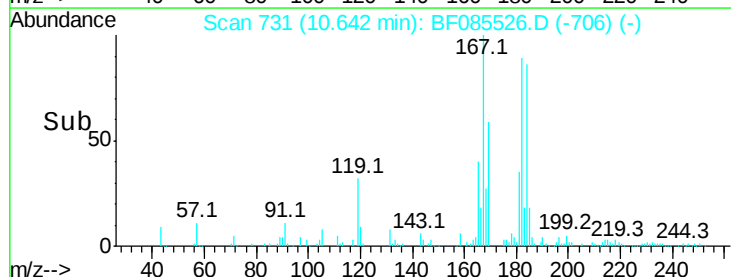
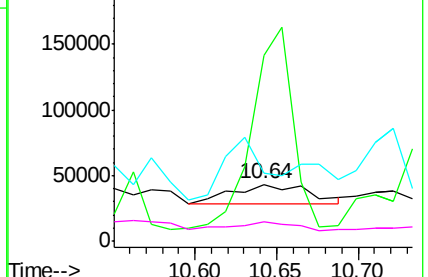


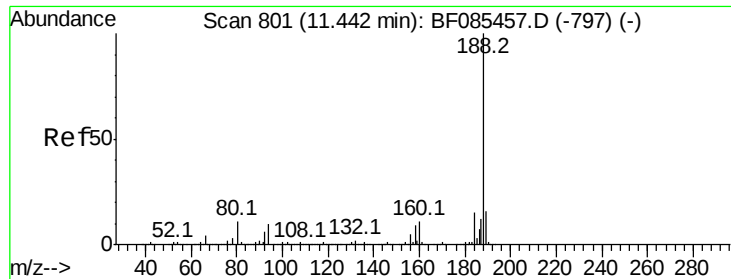
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

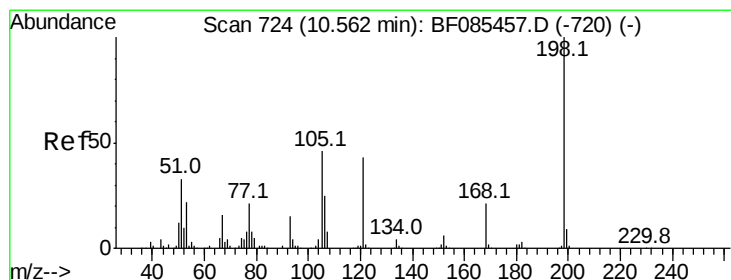
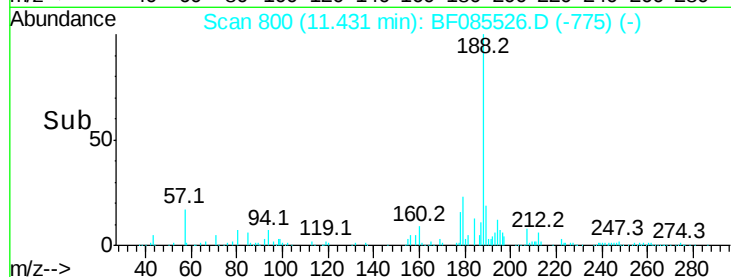
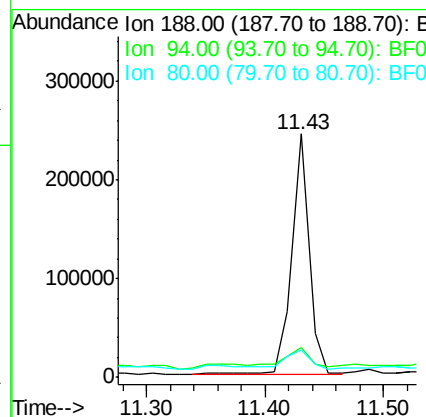
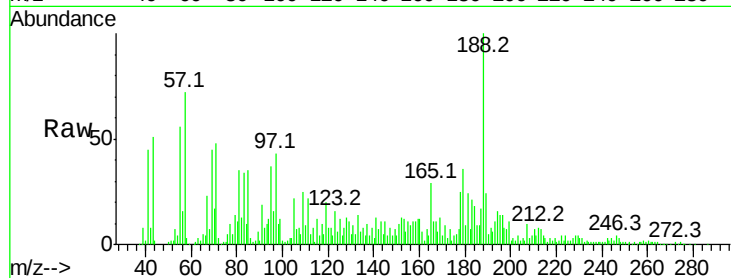




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

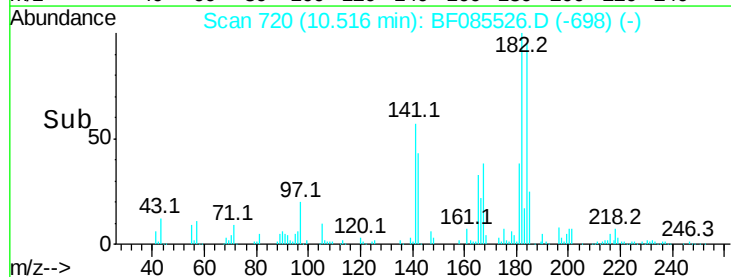
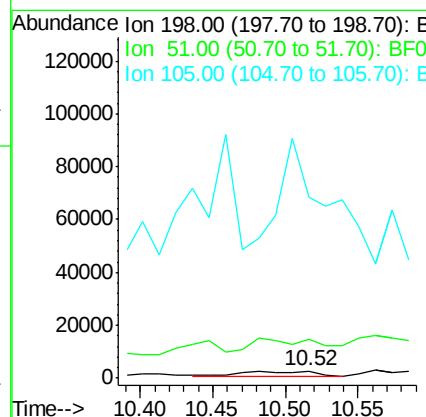
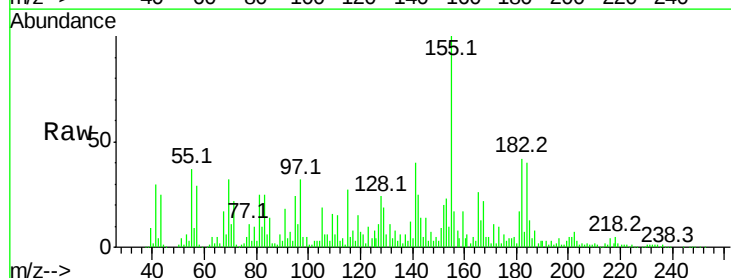
Instrument :
BNA_F
ClientSampleId :

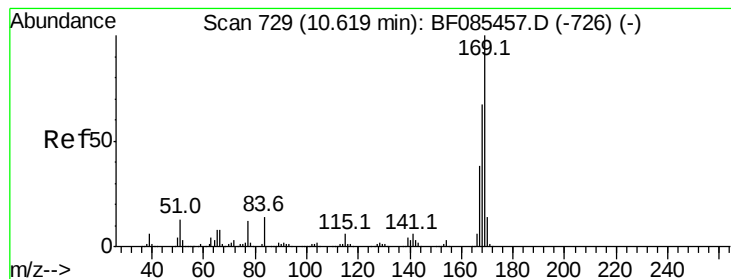
Tot Ion:188 Resp: 247218
Ion Ratio Lower Upper
188 100
94 12.1 7.0 10.6#
80 11.3 7.4 11.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.61 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

Tgt Ion:198 Resp: 5327
Ion Ratio Lower Upper
198 100
51 543.9 9.5 49.5#
105 2544.4 20.5 60.5#





#65

n-Nitrosodiphenylamine

Concen: 75.98 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

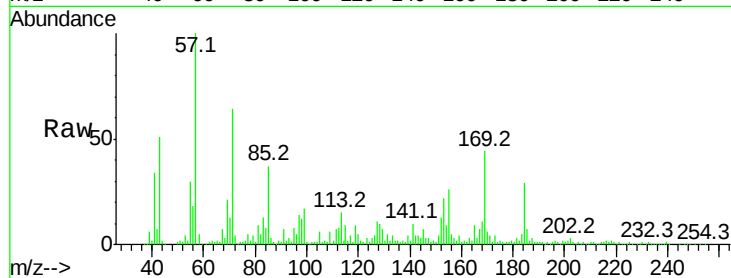
Tot Ion:169 Resp: 578819

Ion Ratio Lower Upper

169 100

168 25.9 54.8 82.2#

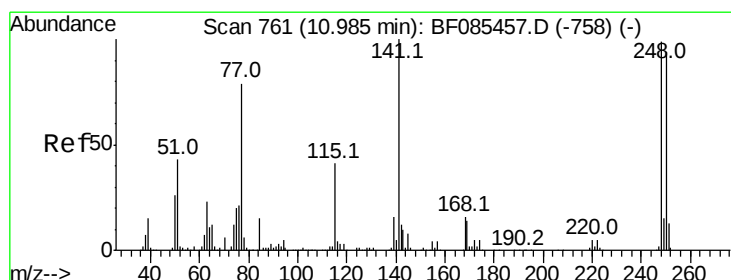
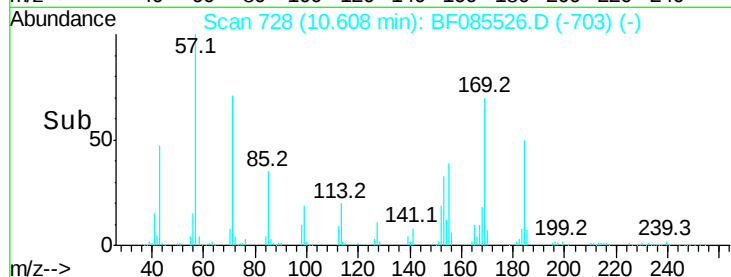
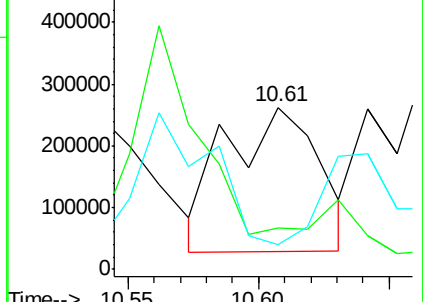
167 15.0 30.3 45.5#



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: 3.07 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

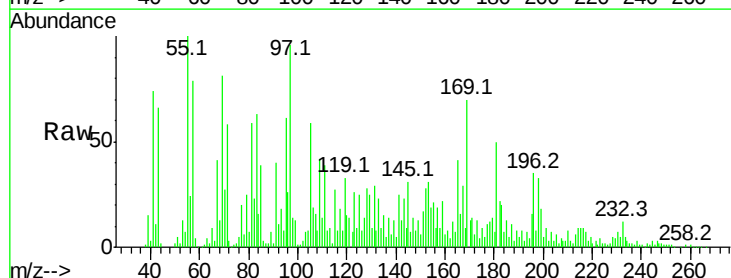
Tgt Ion:248 Resp: 7681

Ion Ratio Lower Upper

248 100

250 84.1 77.1 115.7

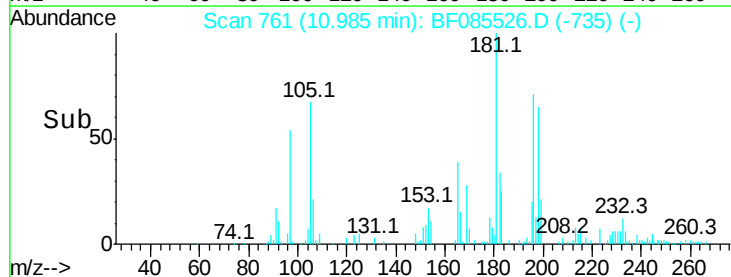
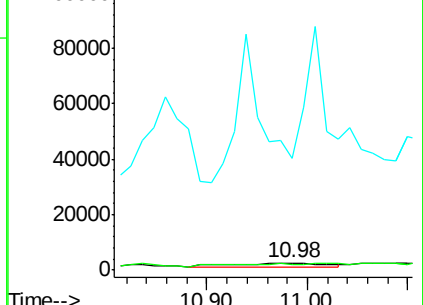
141 1620.4 66.2 99.2#

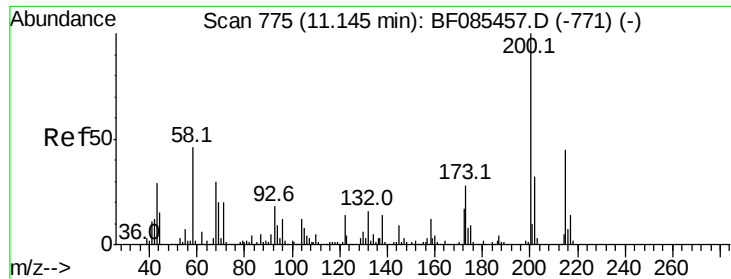


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 17.86 ng

RT: 11.16 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

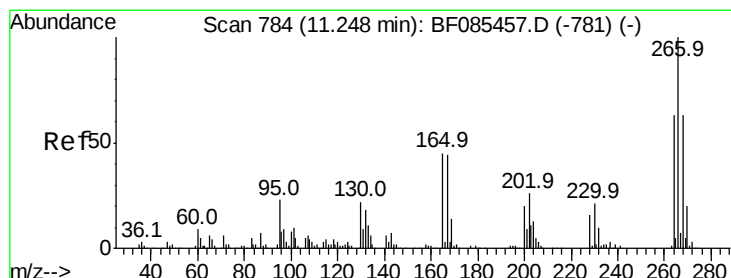
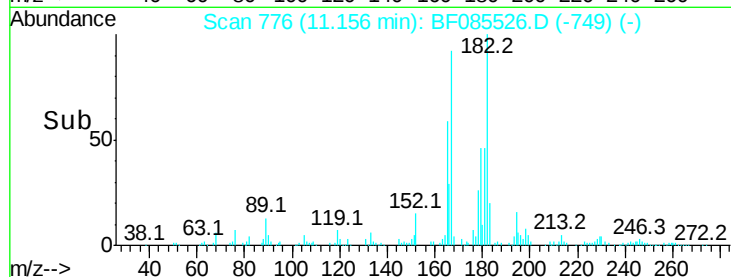
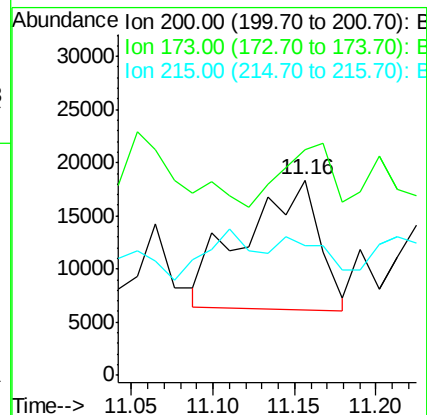
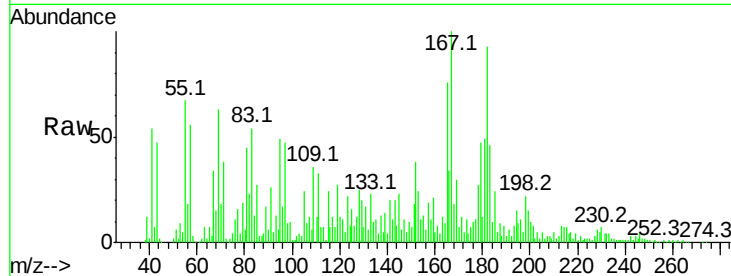
Tot Ion:200 Resp: 38928

Ion Ratio Lower Upper

200 100

173 115.4 10.5 50.5#

215 66.3 23.4 63.4#



#69

Pentachlorophenol

Concen: 2.35 ng

RT: 11.25 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

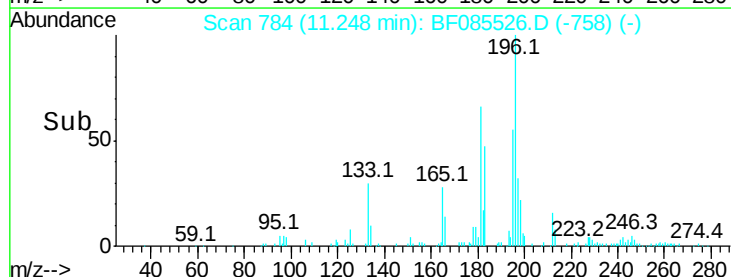
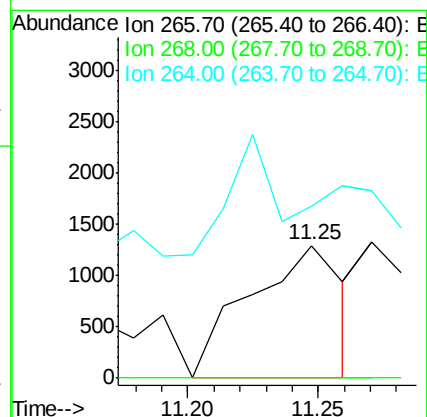
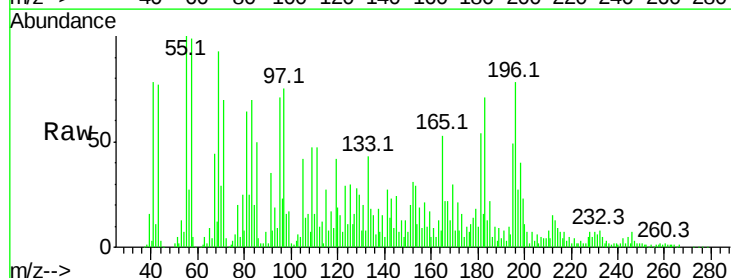
Tgt Ion:266 Resp: 3214

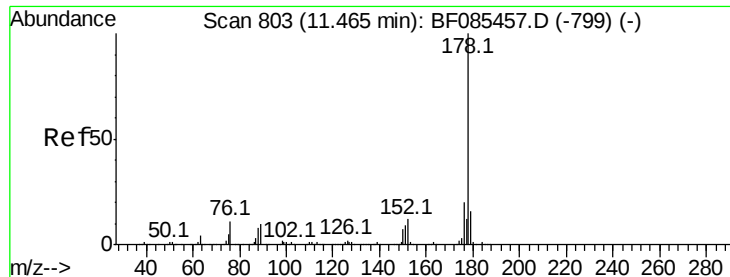
Ion Ratio Lower Upper

266 100

268 0.0 50.0 75.0#

264 129.4 51.4 77.2#

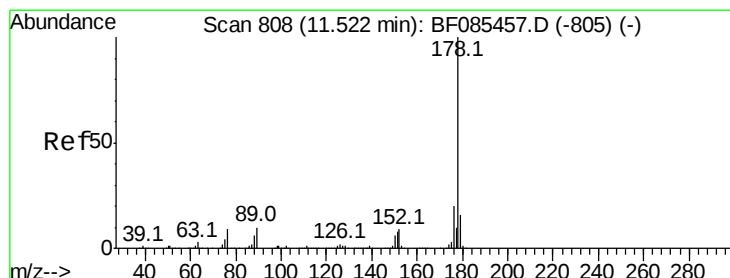
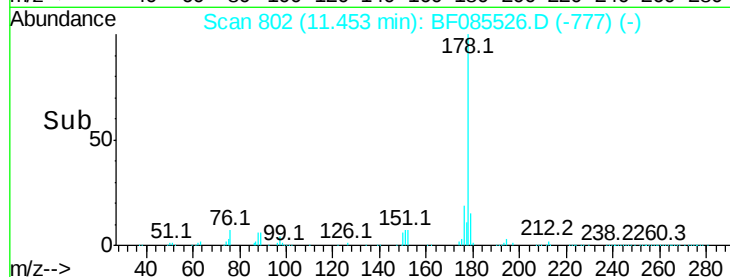
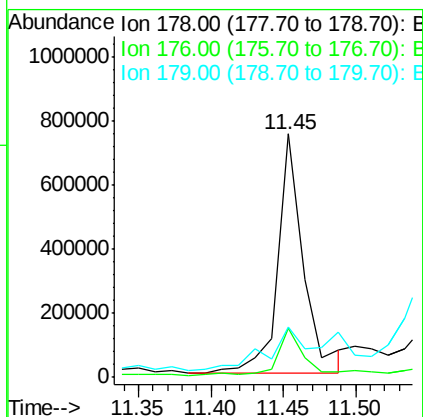
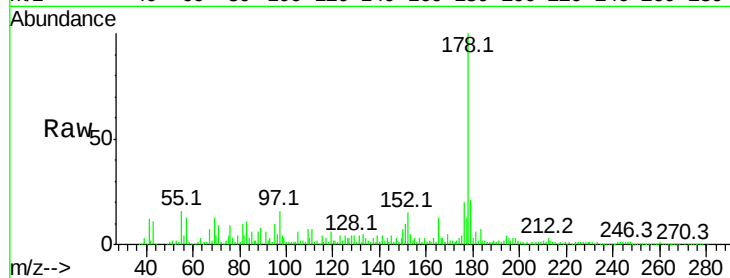




#70
Phenanthrene
Concen: 71.36 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

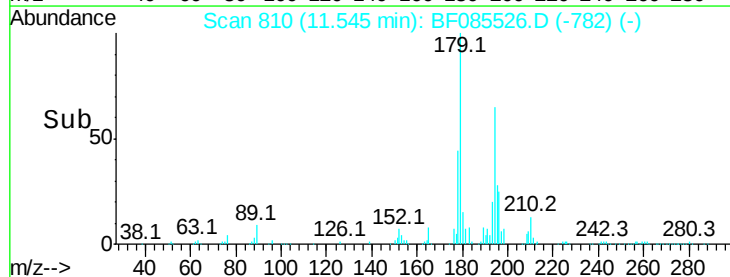
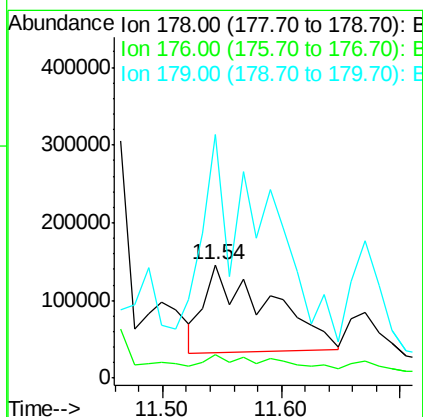
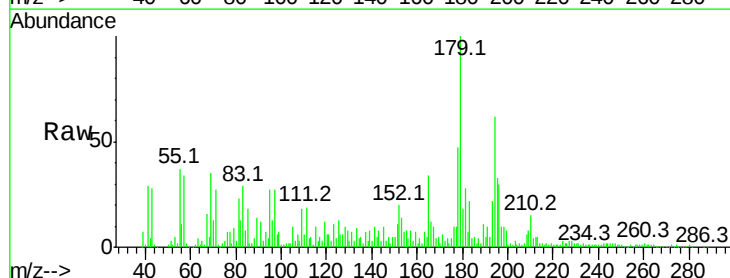
Instrument :
BNA_F
ClientSampled :

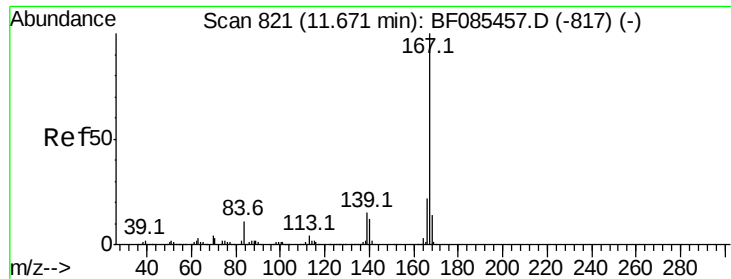
Tot Ion:178 Resp: 918872
Ion Ratio Lower Upper
178 100
176 20.0 16.8 25.2
179 20.5 13.1 19.7#



#71
Anthracene
Concen: 32.59 ng
RT: 11.54 min Scan# 810
Delta R.T. 0.02 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

Tgt Ion:178 Resp: 427408
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 215.0 12.5 18.7#





#72

Carbazole

Concen: 4.02 ng

RT: 11.66 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

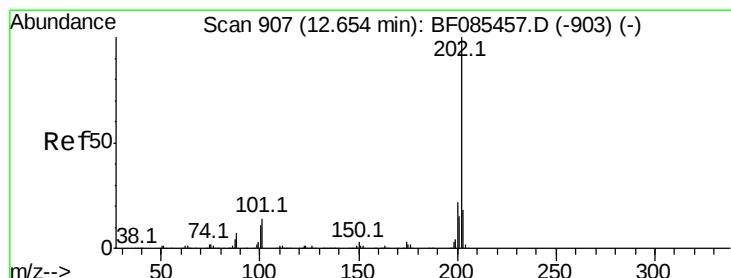
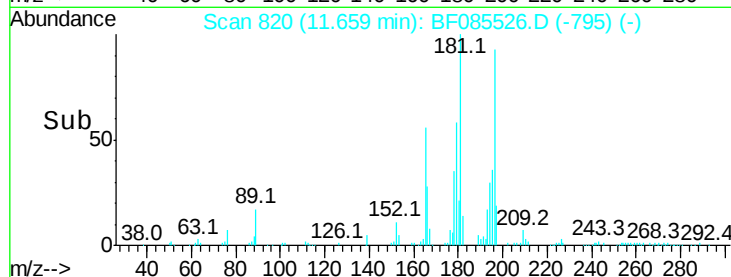
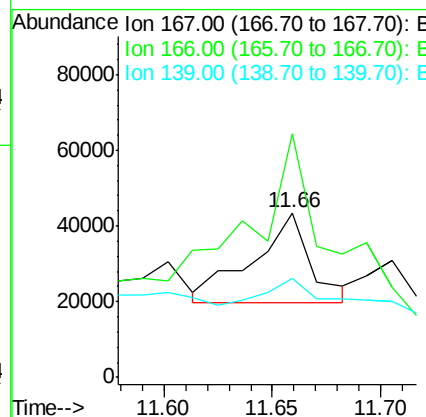
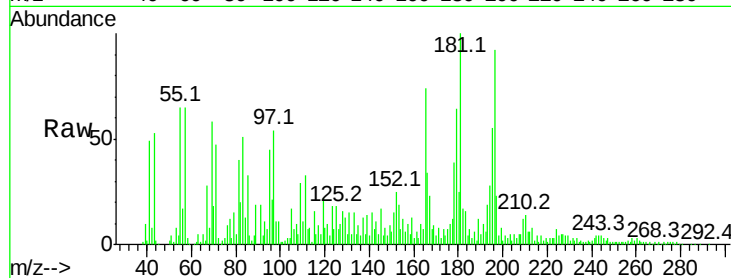
Tot Ion:167 Resp: 44618

Ion Ratio Lower Upper

167 100

166 147.7 18.2 27.2#

139 60.0 11.4 17.0#



#74

Fluoranthene

Concen: 8.23 ng

RT: 12.63 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

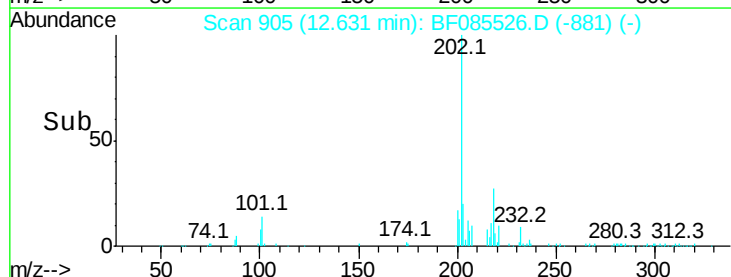
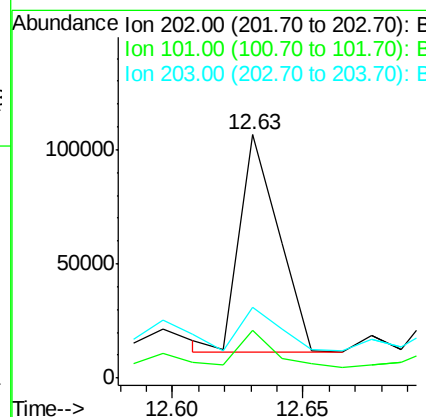
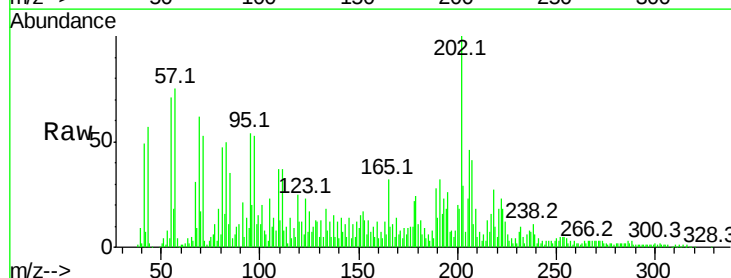
Tgt Ion:202 Resp: 99558

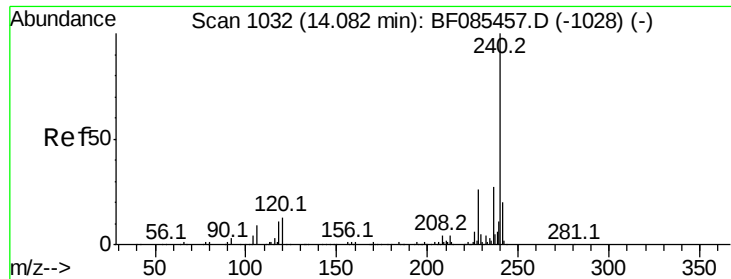
Ion Ratio Lower Upper

202 100

101 19.7 0.0 31.8

203 29.0 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

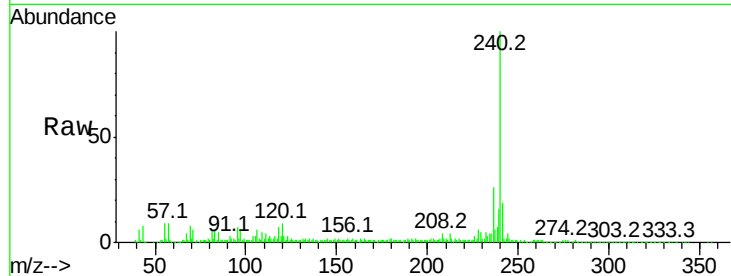
Tot Ion:240 Resp: 258829

Ion Ratio Lower Upper

240 100

120 8.6 5.3 7.9#

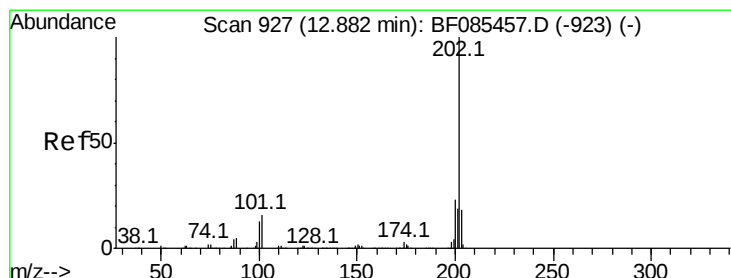
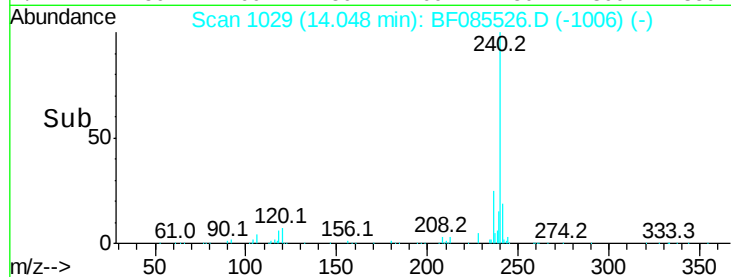
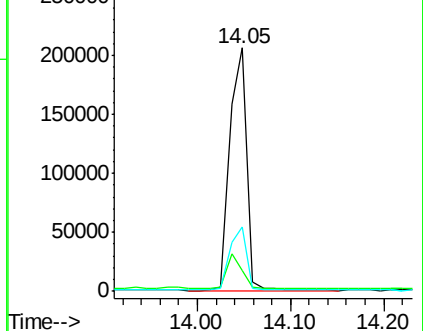
236 26.3 20.7 31.1



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



#77

Pyrene

Concen: 14.23 ng

RT: 12.86 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

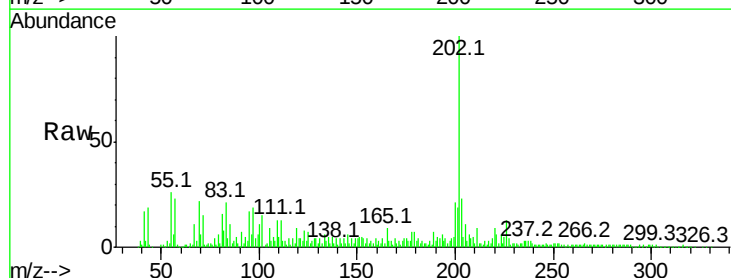
Tgt Ion:202 Resp: 276230

Ion Ratio Lower Upper

202 100

200 21.3 18.2 27.4

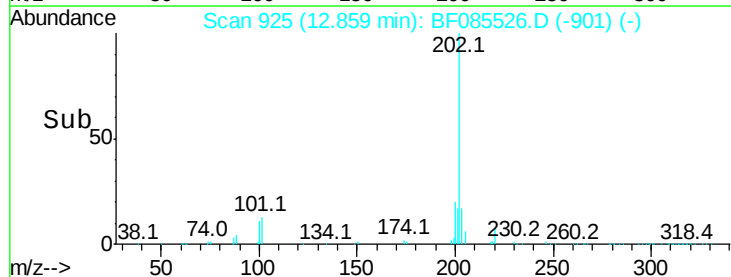
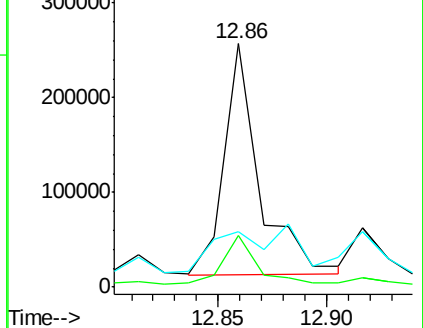
203 22.6 14.7 22.1#

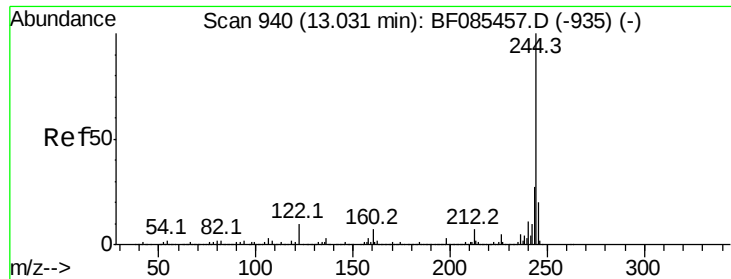


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.01 ng

RT: 13.00 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

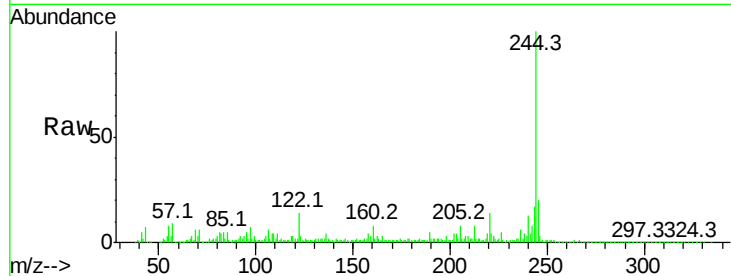
Tot Ion:244 Resp: 801032

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

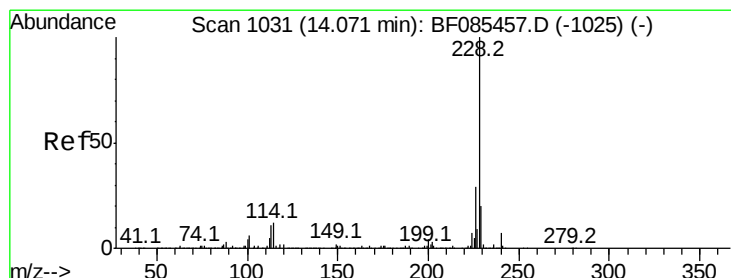
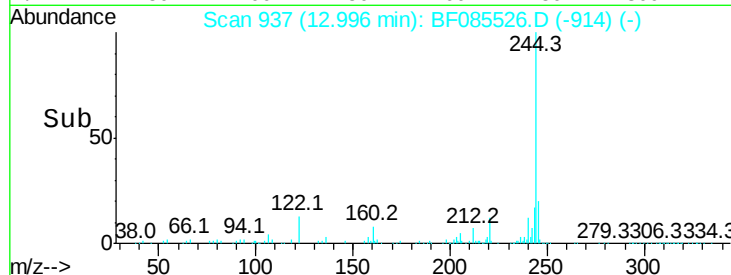
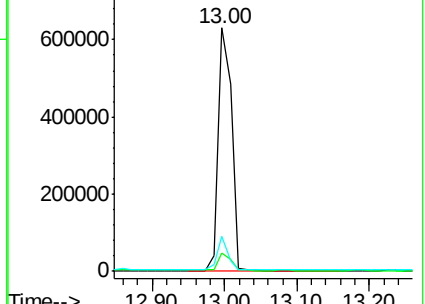
122 14.1 11.4 17.2



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



#80

Benzo(a)anthracene

Concen: 3.48 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

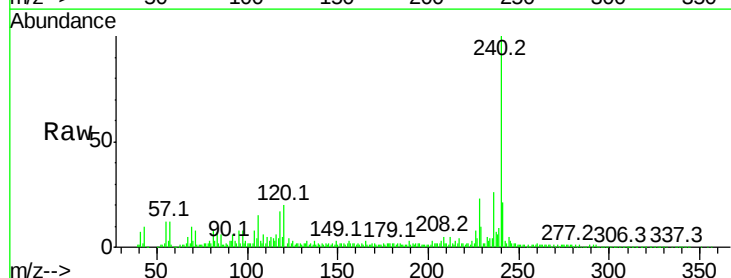
Tgt Ion:228 Resp: 51610

Ion Ratio Lower Upper

228 100

226 36.4 22.8 34.2#

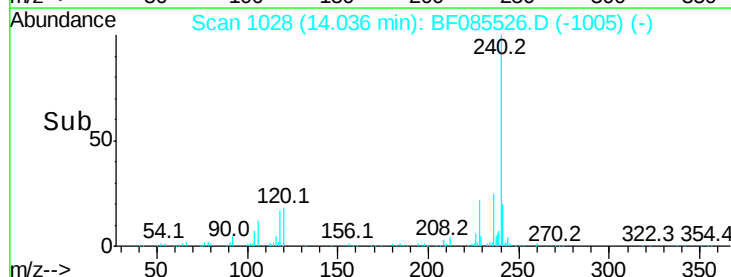
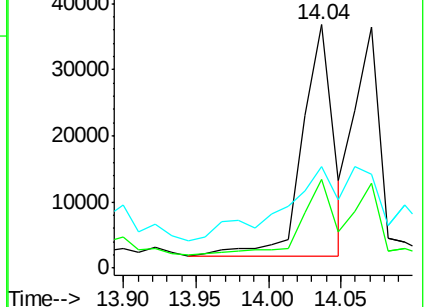
229 41.9 16.6 24.8#

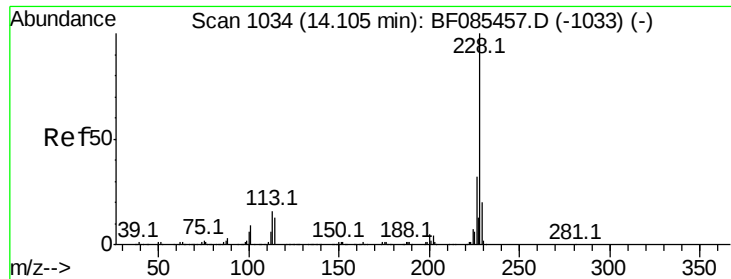


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.87 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.07 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampled :

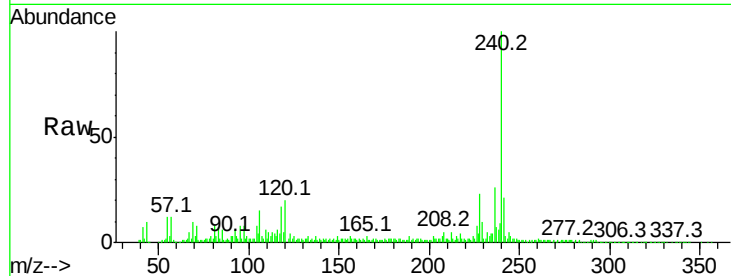
Tot Ion:228 Resp: 51610

Ion Ratio Lower Upper

228 100

226 36.4 25.2 37.8

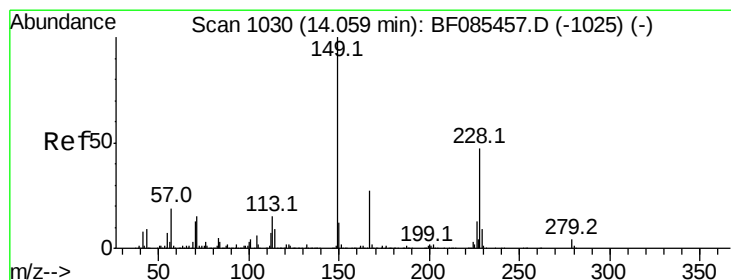
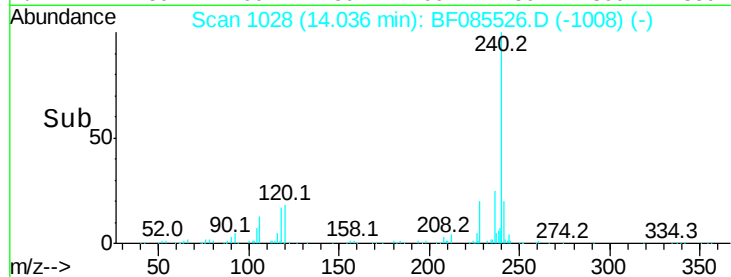
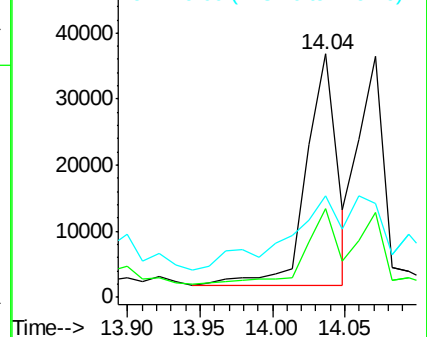
229 41.9 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.82 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

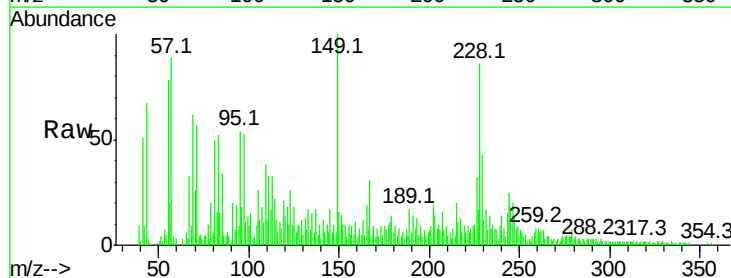
Tgt Ion:149 Resp: 29163

Ion Ratio Lower Upper

149 100

167 31.1 20.3 30.5#

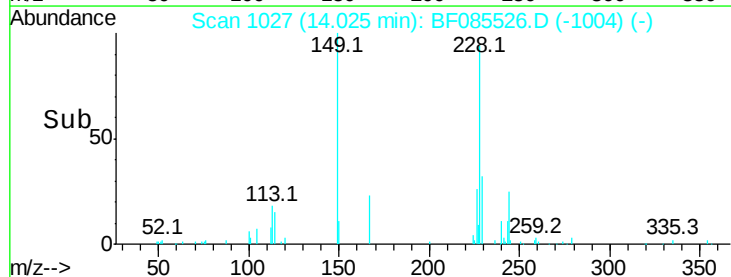
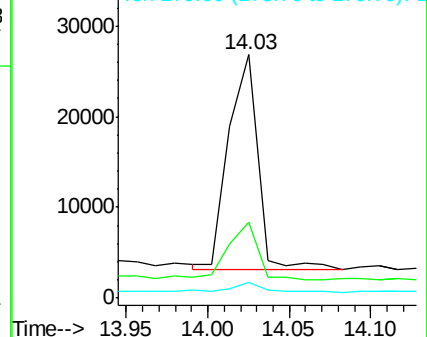
279 6.6 1.9 2.9#

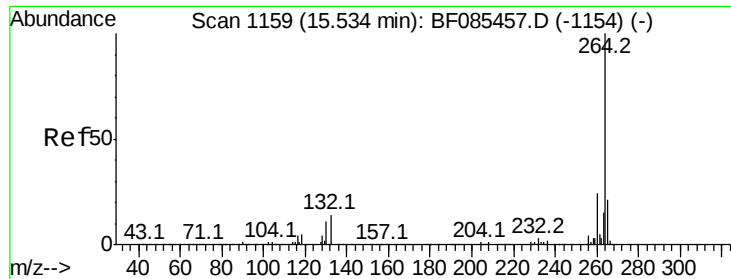


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

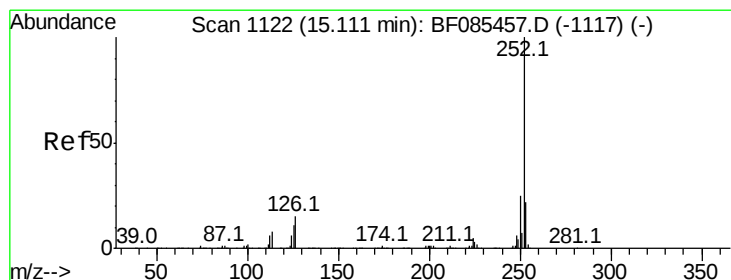
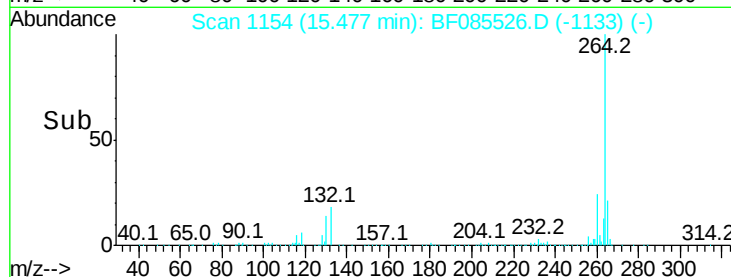
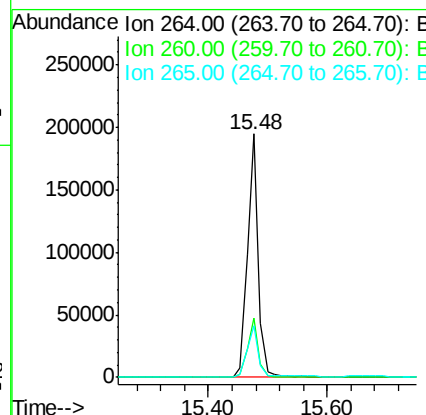
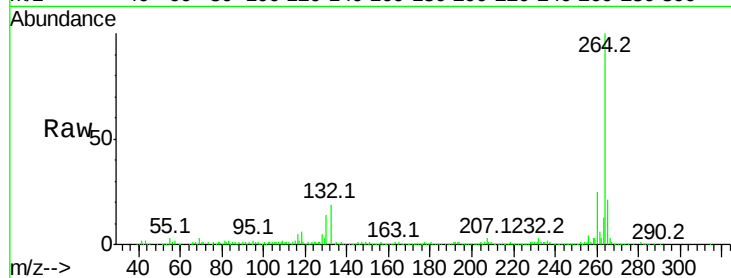




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

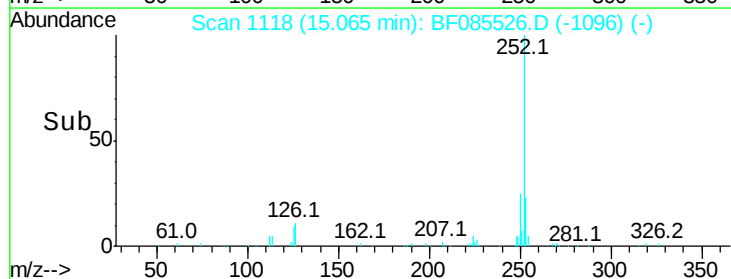
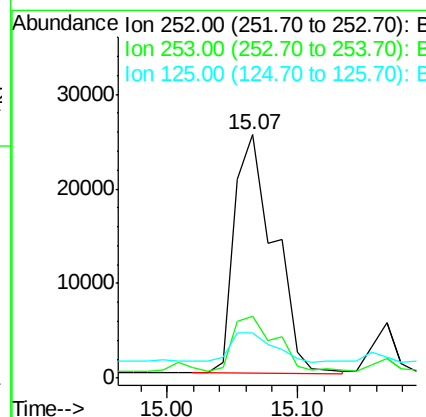
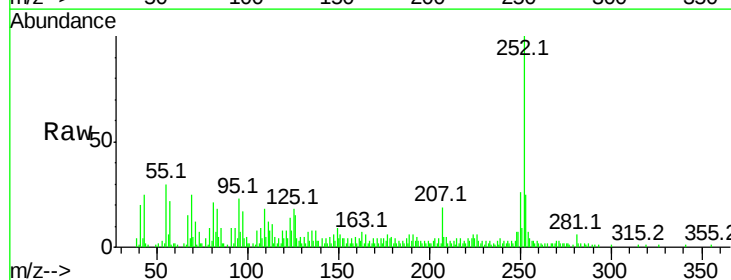
Instrument :
BNA_F
ClientSampled :

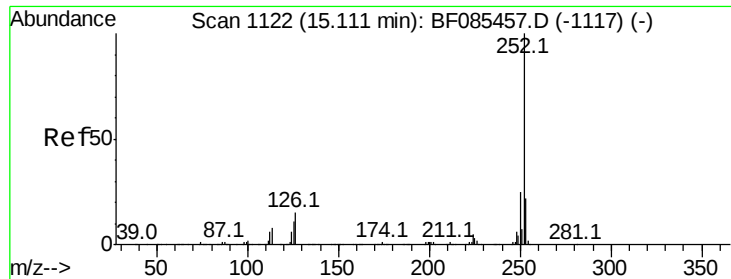
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	17.3	25.9



#87
Benzo(b)fluoranthene
Concen: 3.32 ng
RT: 15.07 min Scan# 1118
Delta R.T. -0.05 min
Lab File: BF085526.D
Acq: 18 Mar 2016 8:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	18.5	11.3	16.9





#88

Benzo(k)fluoranthene

Concen: 4.23 ng

RT: 15.07 min Scan# 1118

Delta R.T. -0.08 min

Lab File: BF085526.D

Acq: 18 Mar 2016 8:32

Instrument :

BNA_F

ClientSampleId :

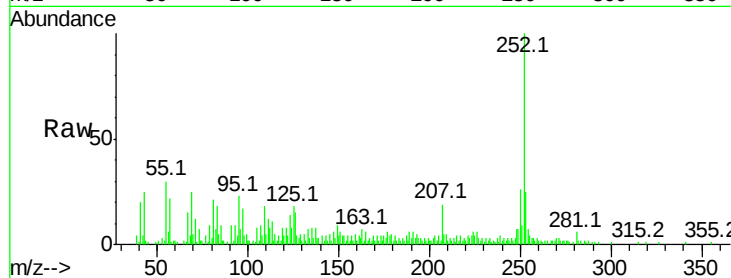
Tot Ion:252 Resp: 53435

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 18.5 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

