

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
 Data File : BF085843.D
 Acq On : 29 Mar 2016 10:47
 Operator : UM/SJ
 Sample : H1834-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 11:12:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	82044	20.00	ng	0.01
21) Naphthalene-d8	8.16	136	119109	20.00	ng	0.05
38) Acenaphthene-d10	9.94	164	88851	20.00	ng	0.08
63) Phenanthrene-d10	11.41	188	99986	20.00	ng	0.06
75) Chrysene-d12	13.99	240	193777	20.00	ng	0.01
86) Perylene-d12	15.40	264	207769	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	590045	119.77	ng	0.00
7) Phenol-d6	6.46	99	578346	92.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	253221	119.72	ng	0.01
41) 2,4,6-Tribromophenol	10.73	330	77123	91.36	ng	0.08
44) 2-Fluorobiphenyl	9.25	172	298598	56.15	ng	0.06
78) Terphenyl-d14	12.96	244	411650	43.69	ng	0.03

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.05	42	5424	2.40	ng	# 1
9) Benzaldehyde	6.36	77	192877	51.11	ng	# 1
15) Benzyl Alcohol	6.89	79	265885	63.63	ng	# 14
17) 2-Methylphenol	7.12	107	15293	3.34	ng	# 1
18) Hexachloroethane	7.42	117	2751162	1201.99	ng	# 31
19) n-Nitroso-di-n-propylamine	7.20	70	328140	87.50	ng	# 71
22) Acetophenone	7.24	105	1345067	484.74	ng	# 47
24) Nitrobenzene	7.53	77	287451	131.84	ng	# 51
25) Isophorone	7.72	82	197057	48.36	ng	# 1
26) 2-Nitrophenol	7.72	139	32463	29.76	ng	# 1
27) 2,4-Dimethylphenol	7.78	122	24298	12.74	ng	# 1
28) bis(2-Chloroethoxy)methane	7.94	93	59315	25.55	ng	# 1
29) 2,4-Dichlorophenol	8.10	162	364815	227.62	ng	# 47
30) 1,2,4-Trichlorobenzene	8.06	180	31509	17.71	ng	# 87
31) Naphthalene	8.20	128	3044154	507.22	ng	# 83
32) Benzoic acid	7.97	122	16580	13.09	ng	# 1
33) 4-Chloroaniline	8.20	127	603134	246.14	ng	# 19
35) Caprolactam	8.63	113	277076	488.02	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	16393	8.76	ng	# 32
37) 2-Methylnaphthalene	8.93	142	4887056	Below Cal		95
42) 2,4,6-Trichlorophenol	9.17	196	11589	6.51	ng	# 19
43) 2,4,5-Trichlorophenol	9.17	196	10279	5.51	ng	# 1
45) 1,1'-Biphenyl	9.36	154	665442	88.76	ng	92
46) 2-Chloronaphthalene	9.46	162	57604	10.45	ng	# 1
47) 2-Nitroaniline	9.44	65	49174	29.17	ng	# 44
48) Acenaphthylene	9.82	152	72276	8.05	ng	# 1
49) Dimethylphthalate	9.66	163	14282	2.12	ng	# 36
50) 2,6-Dinitrotoluene	9.78	165	53405	36.81	ng	# 82
51) Acenaphthene	9.98	154	280702	51.16	ng	# 56
52) 3-Nitroaniline	9.85	138	16593	9.99	ng	# 43
53) 2,4-Dinitrophenol	10.00	184	2672	9.41	ng	# 1
54) Dibenzofuran	10.15	168	248964	35.06	ng	# 1
55) 4-Nitrophenol	10.06	139	153779	142.12	ng	# 58
56) 2,4-Dinitrotoluene	10.16	165	70745	38.36	ng	# 67

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
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 ALS Vial : 46 Sample Multiplier: 1

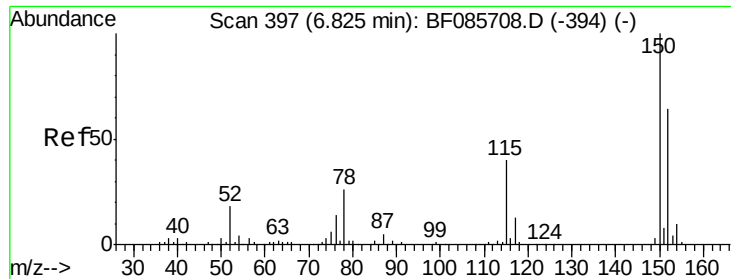
Instrument :
 BNA_F
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Quant Time: Mar 29 11:12:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

57) Fluorene	10.49	166	613669	103.95	nq	# 73
58) 2,3,4,6-Tetrachlorophenol	10.24	232	8024	6.19	nq	# 31
59) Diethylphthalate	10.39	149	18492	2.78	nq	# 2
61) 4-Nitroaniline	10.40	138	30644	19.29	nq	# 88
62) Azobenzene	10.64	77	64007	10.00	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	2550	4.35	nq	# 1
65) n-Nitrosodiphenylamine	10.61	169	639336	201.88	nq	# 68
66) 4-Bromophenyl-phenylether	10.96	248	11274	11.02	nq	# 1
68) Atrazine	11.12	200	64580	60.40	nq	# 66
69) Pentachlorophenol	11.25	266	6217	11.84	nq	# 15
70) Phenanthrene	11.44	178	1805102	351.60	nq	# 93
71) Anthracene	11.44	178	1805102	334.92	nq	# 93
72) Carbazole	11.64	167	51811	11.45	nq	# 1
73) Di-n-butylphthalate	11.97	149	25818	4.16	nq	# 1
74) Fluoranthene	12.83	202	607108	111.25	nq	# 89
77) Pyrene	12.83	202	607108	38.11	nq	# 92
80) Benzo(a)anthracene	14.01	228	88647	8.02	nq	# 57
82) Chrysene	14.01	228	88647	7.96	nq	# 63

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

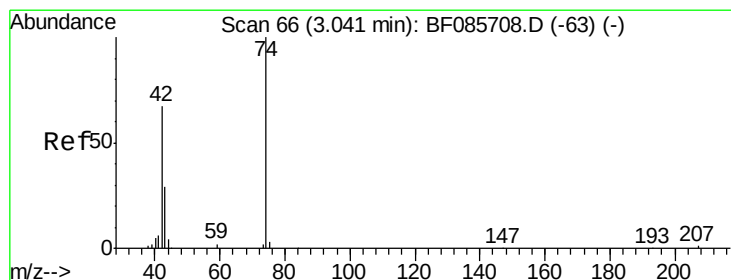
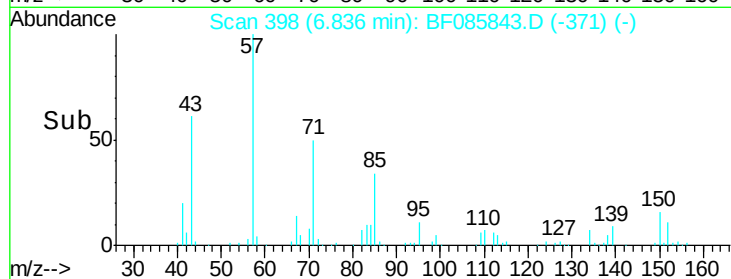
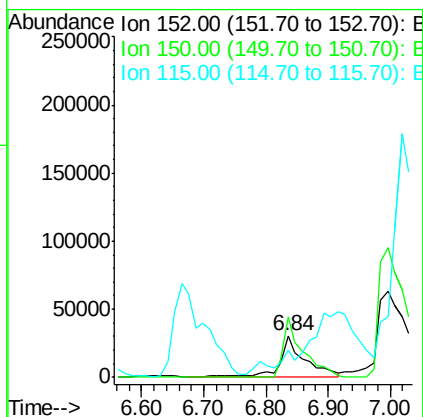
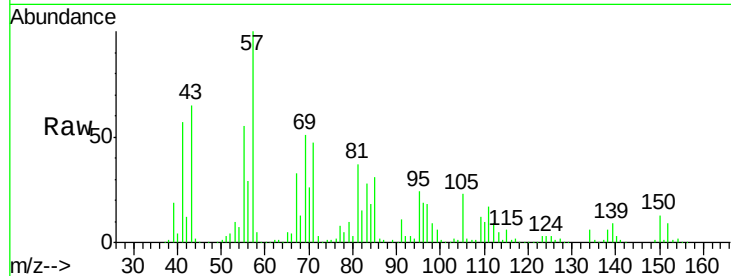


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.01 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Instrument :
BNA_F
ClientSampled :

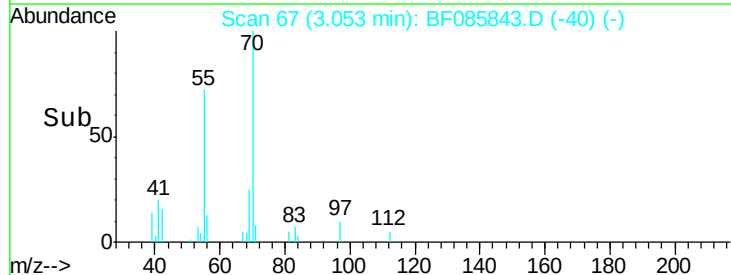
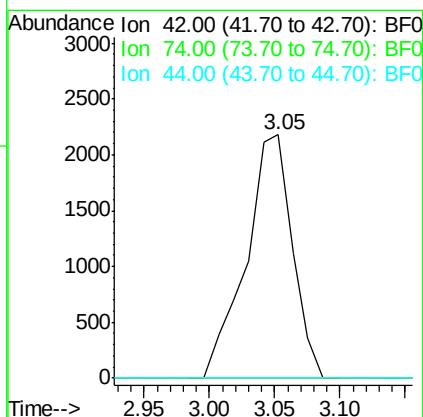
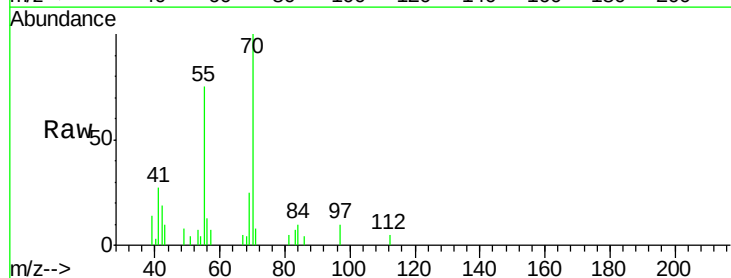
Tot Ion:152 Resp: 82044
Ion Ratio Lower Upper
152 100
150 142.9 124.2 186.2
115 64.1 47.0 70.6

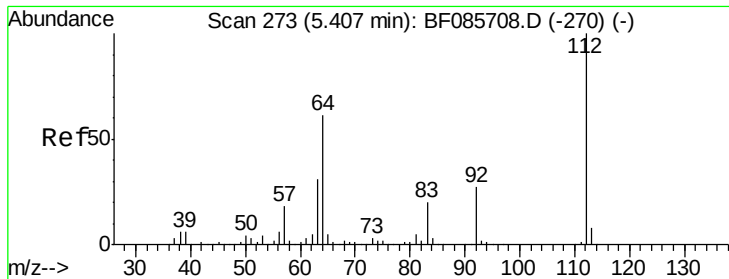


#4

n-Nitrosodimethylamine
Concen: 2.40 ng
RT: 3.05 min Scan# 67
Delta R.T. 0.01 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion: 42 Resp: 5424
Ion Ratio Lower Upper
42 100
74 0.0 121.4 182.2#
44 0.0 5.6 8.4#

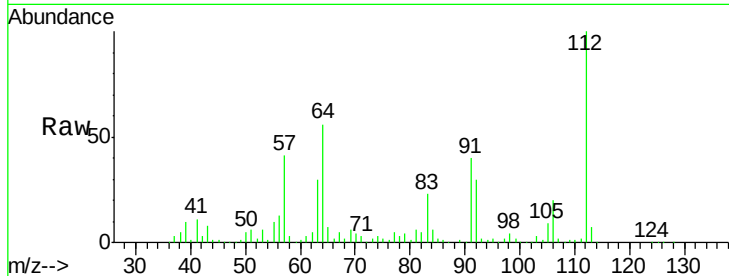




#5
2-Fluorophenol
Concen: 119.77 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Instrument :
BNA_F
ClientSampleId :

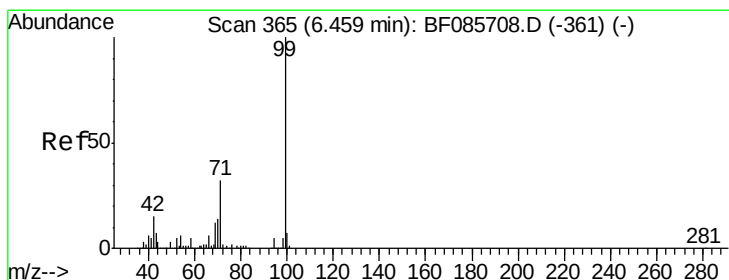
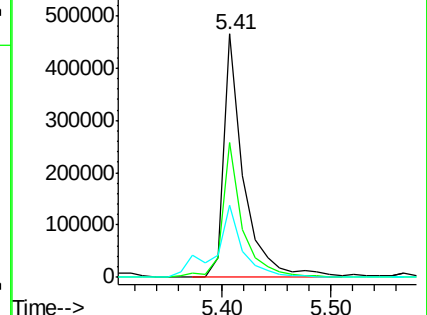
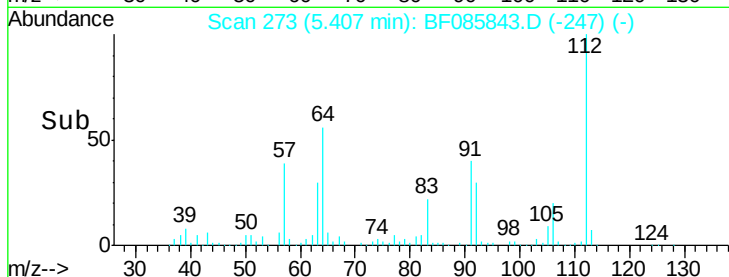
Tot Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	29.7	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): BF085843.D (-247) (-)

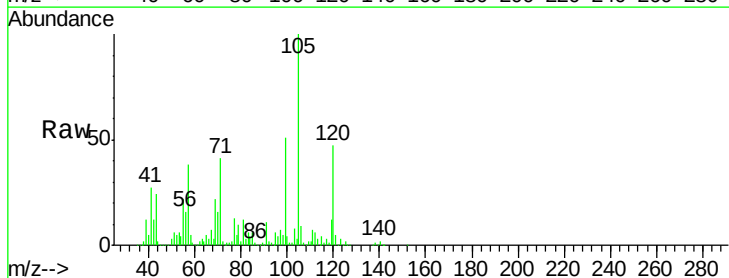
Ion 64.00 (63.70 to 64.70): BF085843.D (-247) (-)

Ion 63.00 (62.70 to 63.70): BF085843.D (-247) (-)



#7
Phenol-d6
Concen: 92.34 ng
RT: 6.46 min Scan# 365
Delta R.T. 0.00 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

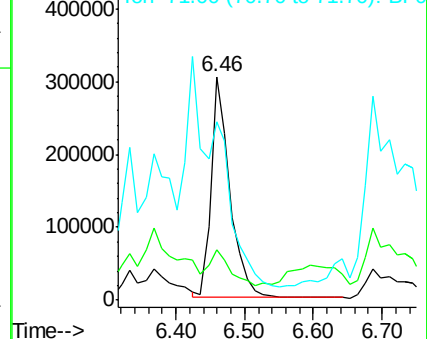
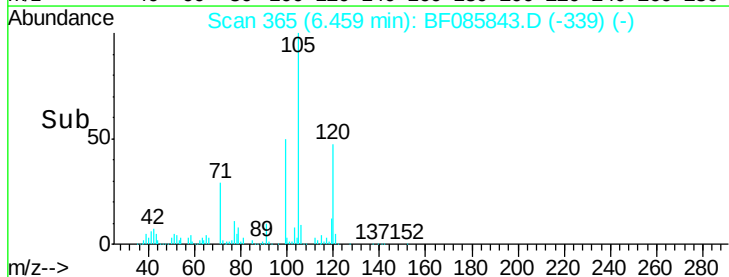
Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.1	16.7#
71	79.7	24.9	37.3#

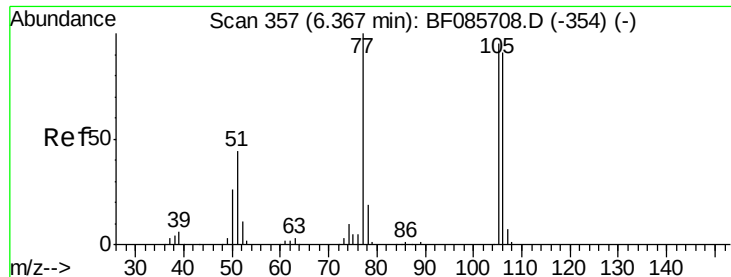


Abundance Ion 99.00 (98.70 to 99.70): BF085843.D (-339) (-)

Ion 42.00 (41.70 to 42.70): BF085843.D (-339) (-)

Ion 71.00 (70.70 to 71.70): BF085843.D (-339) (-)





#9

Benzaldehyde

Concen: 51.11 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :

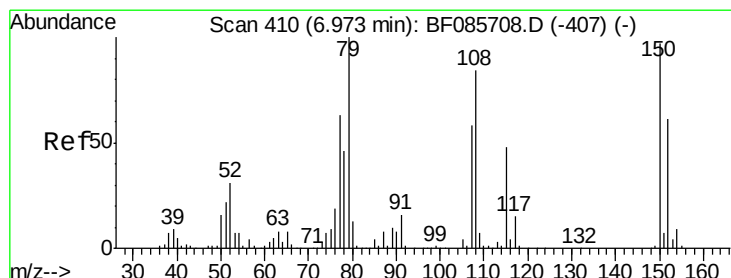
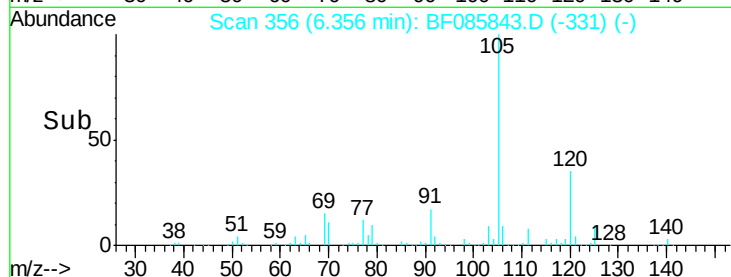
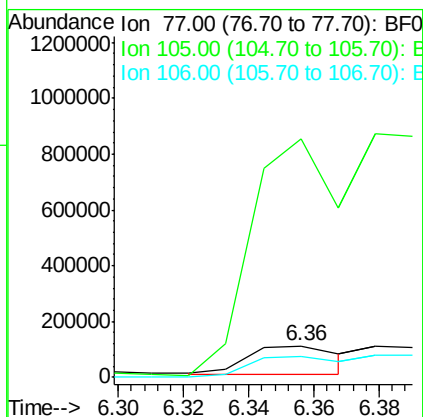
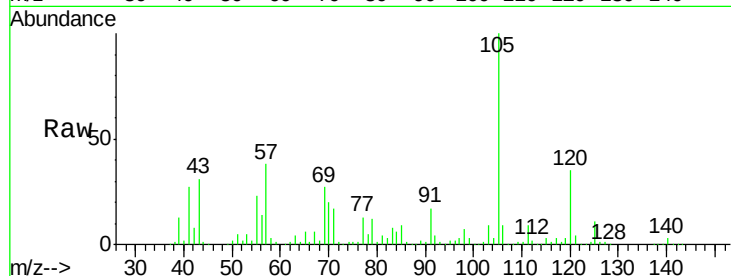
Tot Ion: 77 Resp: 192877

Ion Ratio Lower Upper

77 100

105 754.7 80.1 120.1#

106 68.1 75.0 115.0#



#15

Benzyl Alcohol

Concen: 63.63 ng

RT: 6.89 min Scan# 403

Delta R.T. -0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

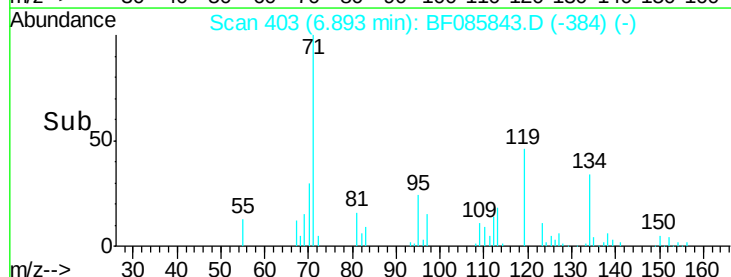
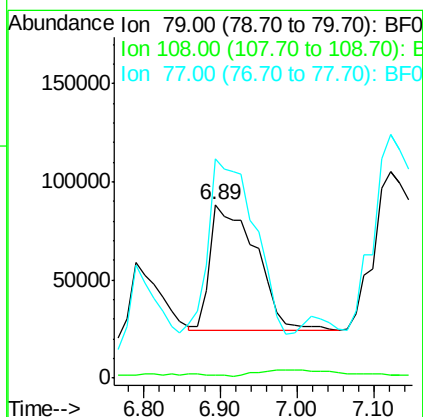
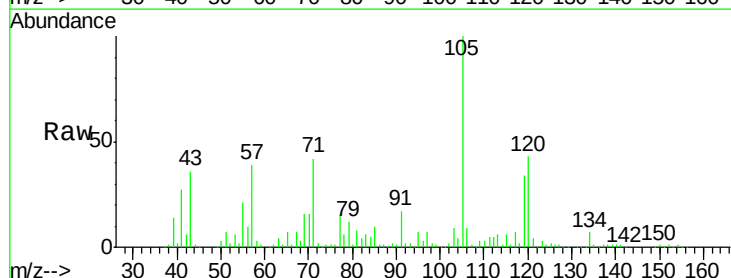
Tgt Ion: 79 Resp: 265885

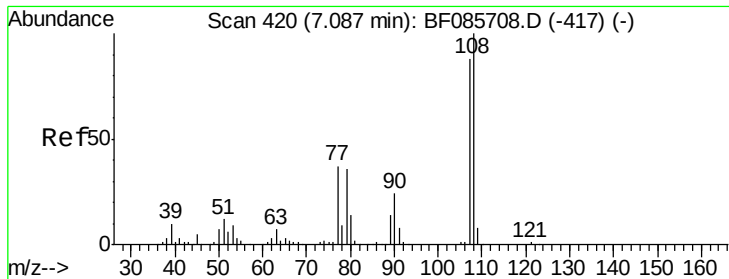
Ion Ratio Lower Upper

79 100

108 1.7 61.8 92.6#

77 126.5 49.6 74.4#





#17

2-Methylphenol

Concen: 3.34 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.03 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 15293

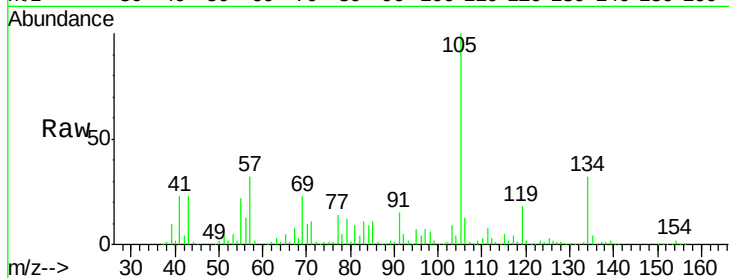
Ion Ratio Lower Upper

107 100

108 17.9 91.4 137.0#

77 1331.4 36.2 54.2#

79 1131.6 35.8 53.8#

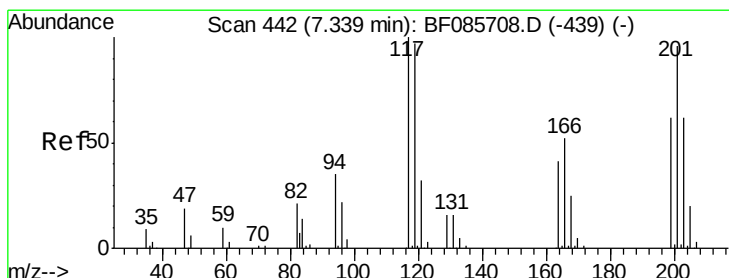
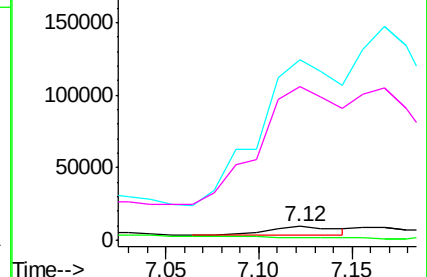
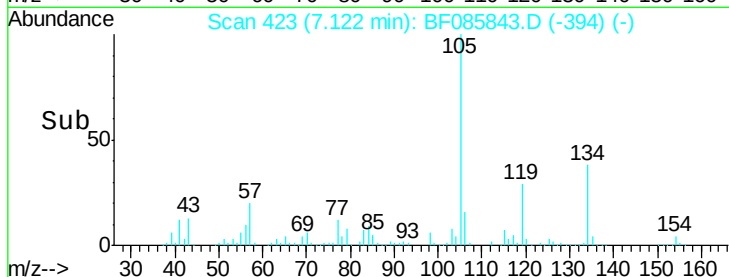


Abundance Ion 107.00 (106.70 to 107.70): E

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: 1201.99 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

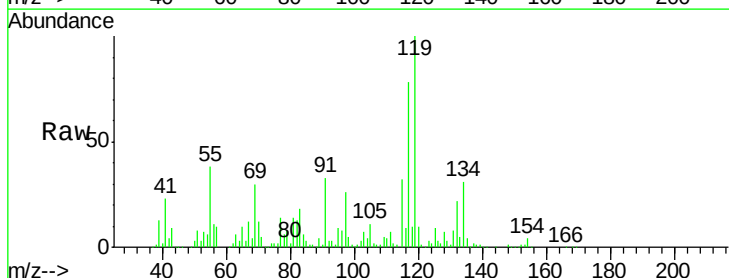
Tgt Ion:117 Resp: 2751162

Ion Ratio Lower Upper

117 100

119 128.7 76.7 115.1#

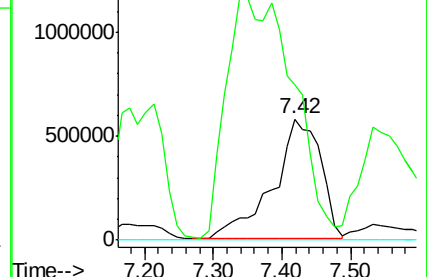
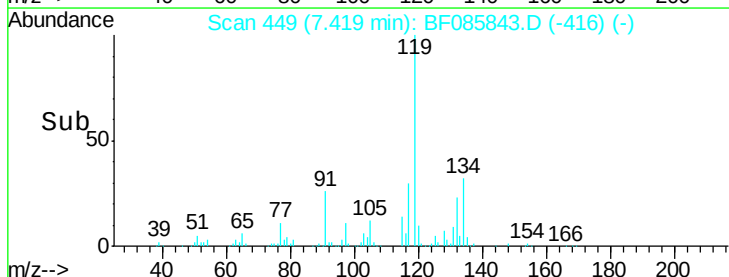
201 0.0 83.3 124.9#

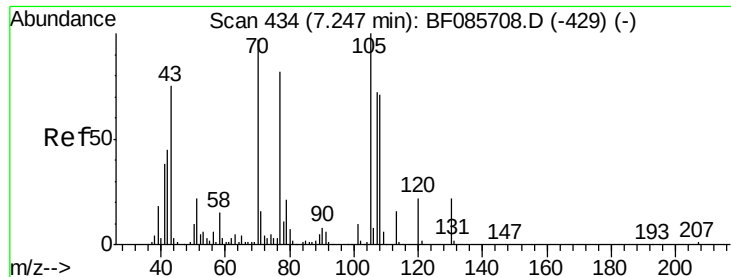


Abundance Ion 117.00 (116.70 to 117.70): E

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: 87.50 ng

RT: 7.20 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 328140

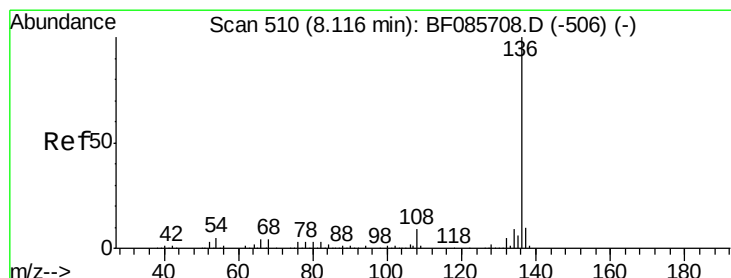
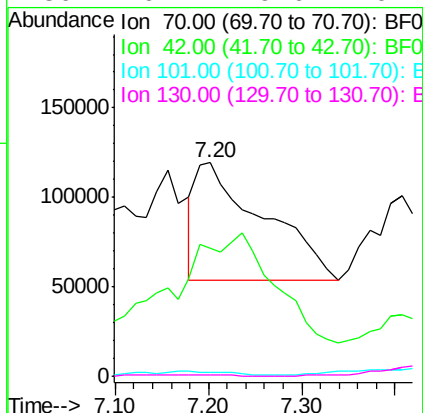
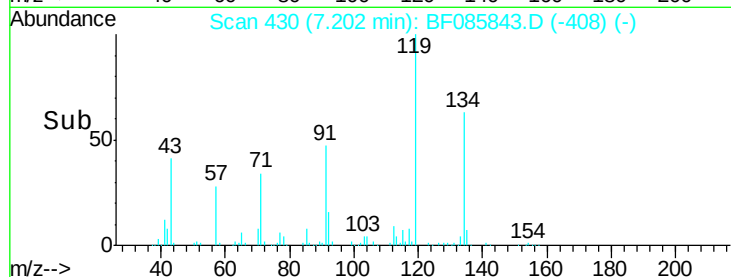
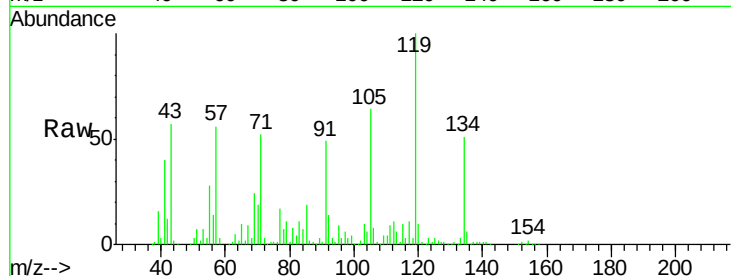
Ion Ratio Lower Upper

70 100

42 59.8 37.1 55.7#

101 1.8 8.6 12.8#

130 0.4 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.05 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Tgt Ion:136 Resp: 119109

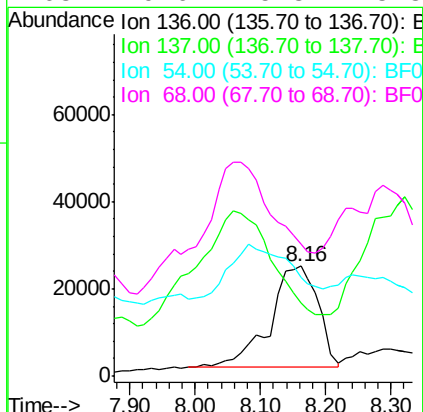
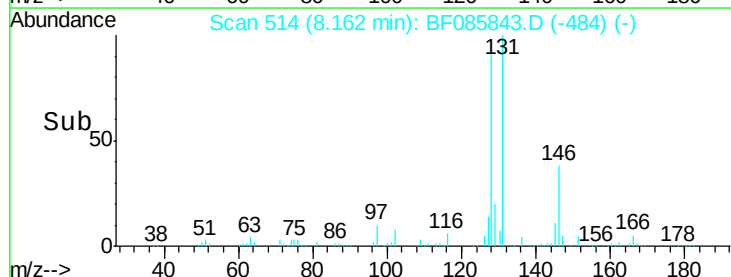
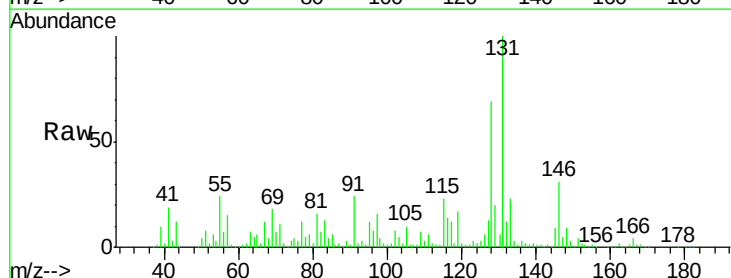
Ion Ratio Lower Upper

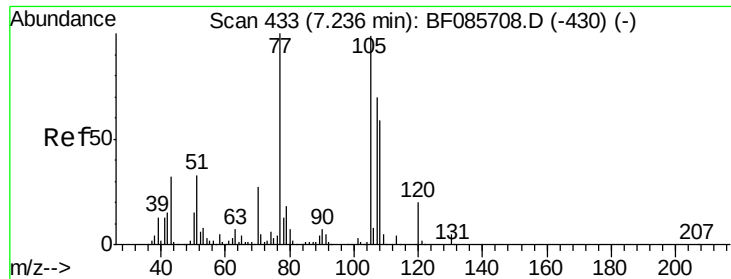
136 100

137 65.8 9.1 13.7#

54 89.5 7.4 11.0#

68 119.6 5.8 8.8#





#22

Acetophenone

Concen: 484.74 ng

RT: 7.24 min Scan# 433

Delta R.T. 0.00 min

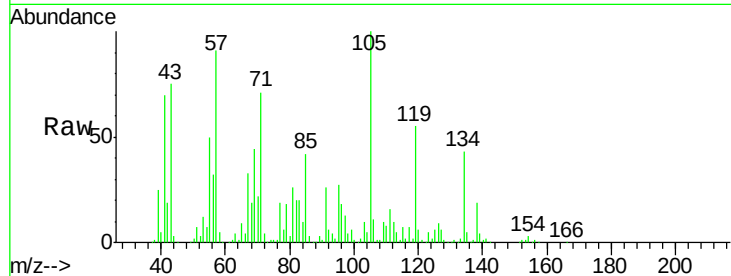
Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :



Tot Ion:105 Resp: 1345067

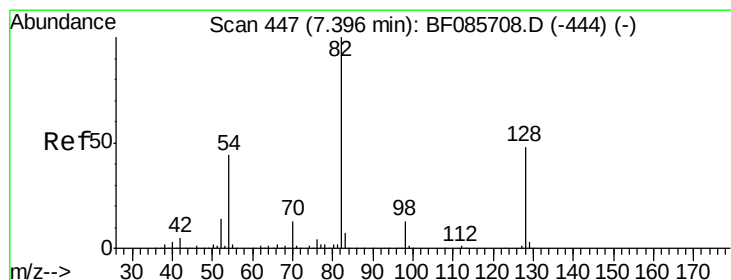
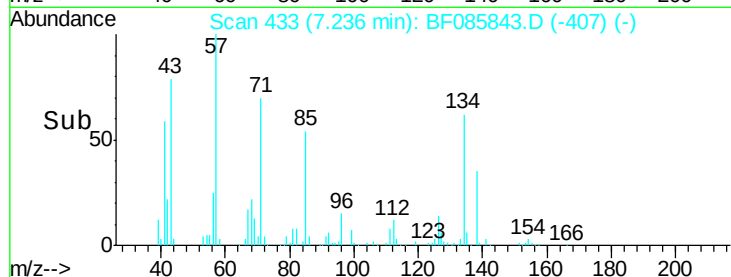
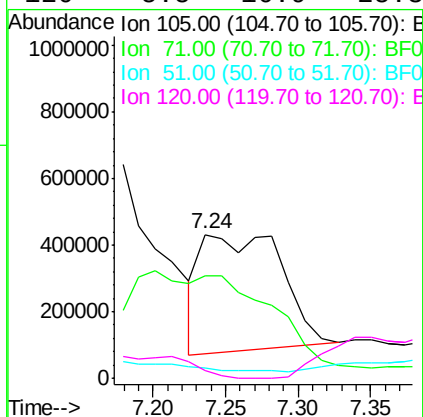
Ion Ratio Lower Upper

105 100

71 71.1 3.6 5.4#

51 6.9 25.4 38.0#

120 5.5 16.9 25.3#



#23

Nitrobenzene-d5

Concen: 119.72 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

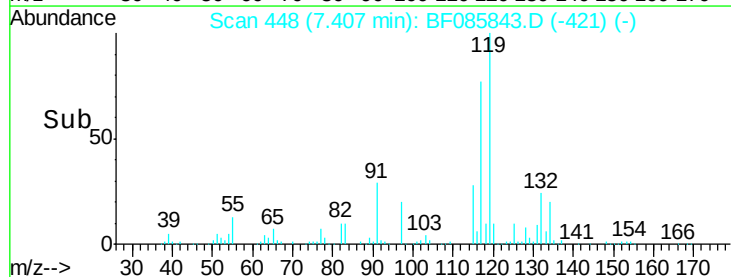
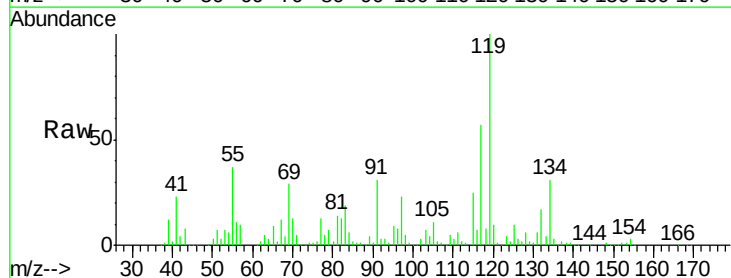
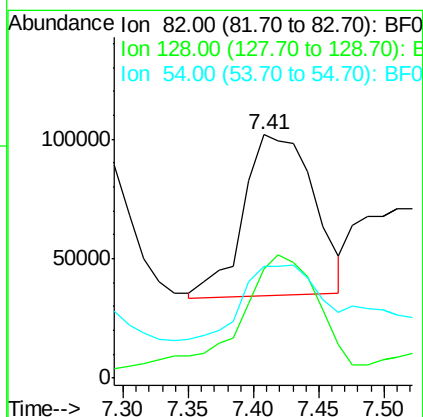
Tgt Ion: 82 Resp: 253221

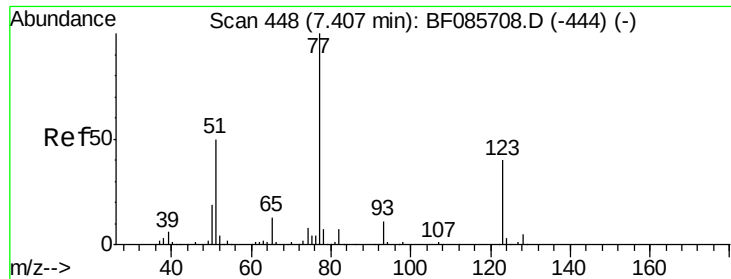
Ion Ratio Lower Upper

82 100

128 45.0 41.8 62.8

54 45.8 33.4 50.0

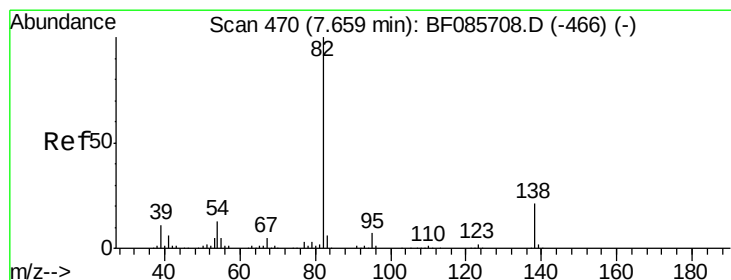
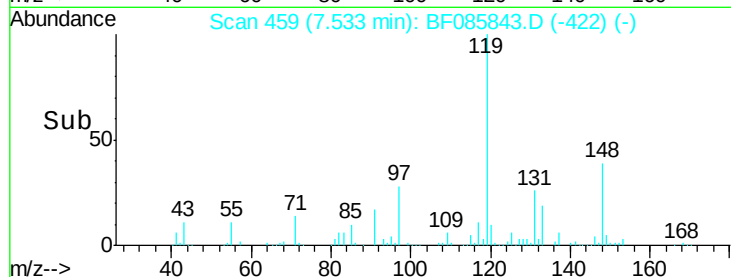
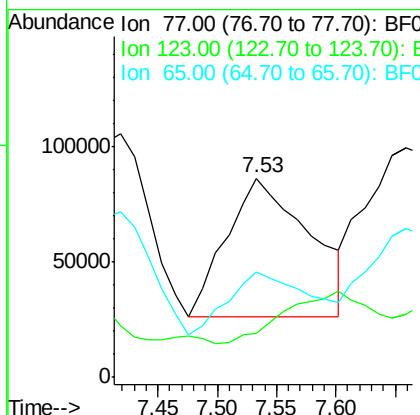
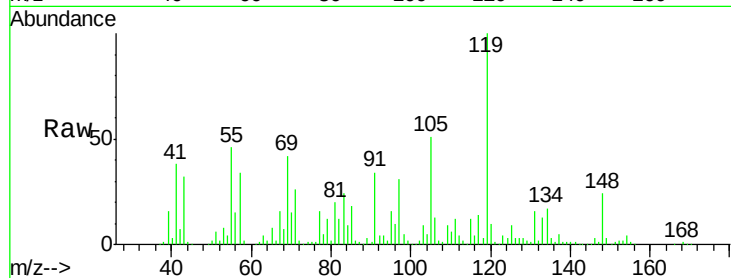




#24
 Nitrobenzene
 Concen: 131.84 ng
 RT: 7.53 min Scan# 459
 Delta R.T. 0.13 min
 Lab File: BF085843.D
 Acq: 29 Mar 2016 10:47

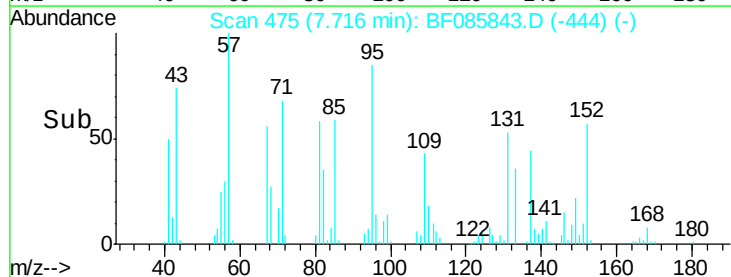
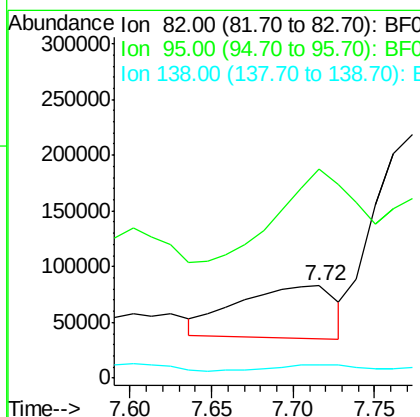
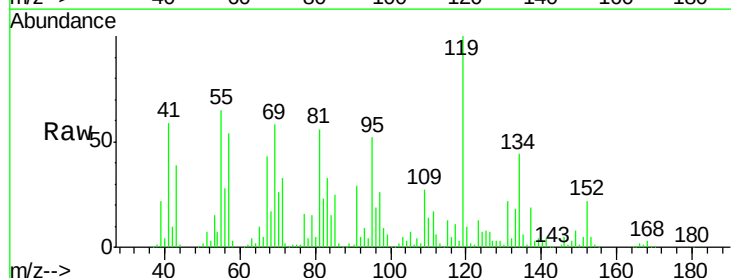
Instrument :
 BNA_F
 ClientSampled :

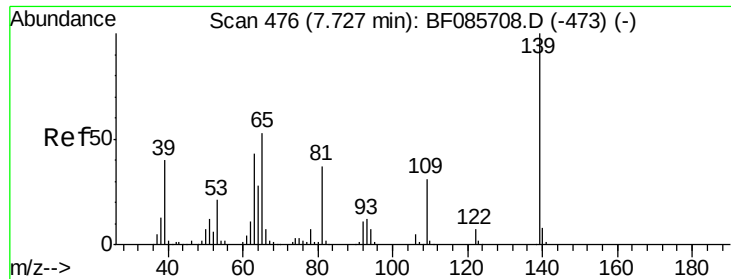
Tot Ion: 77 Resp: 287451
 Ion Ratio Lower Upper
 77 100
 123 22.3 35.0 52.4#
 65 53.1 10.6 16.0#



#25
 Isophorone
 Concen: 48.36 ng
 RT: 7.72 min Scan# 475
 Delta R.T. 0.06 min
 Lab File: BF085843.D
 Acq: 29 Mar 2016 10:47

Tgt Ion: 82 Resp: 197057
 Ion Ratio Lower Upper
 82 100
 95 226.8 5.4 8.2#
 138 14.9 12.9 19.3





#26

2-Nitrophenol

Concen: 29.76 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

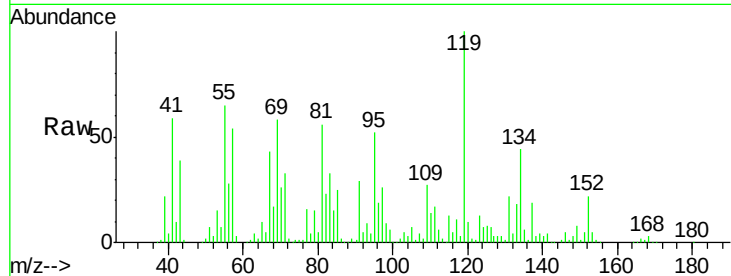
Tot Ion:139 Resp: 32463

Ion Ratio Lower Upper

139 100

109 736.1 22.1 33.1#

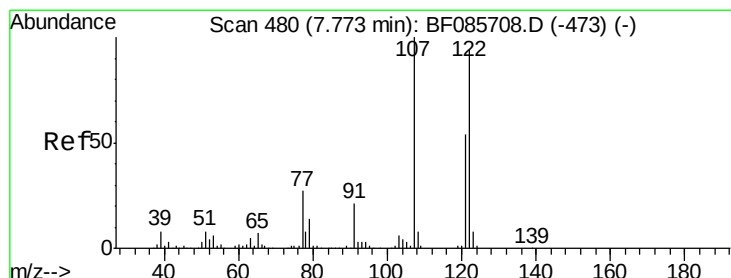
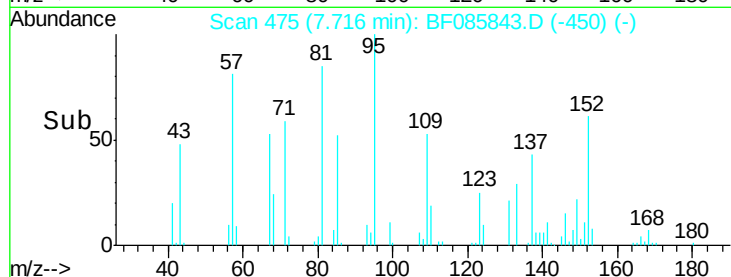
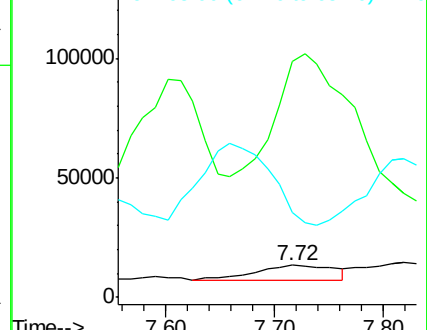
65 267.1 33.9 50.9#



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): E



#27

2,4-Dimethylphenol

Concen: 12.74 ng

RT: 7.78 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

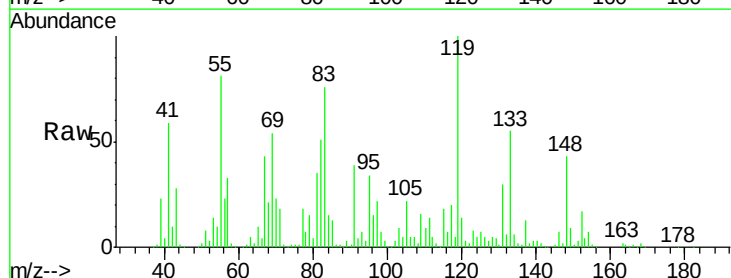
Tgt Ion:122 Resp: 24298

Ion Ratio Lower Upper

122 100

107 269.8 93.0 139.6#

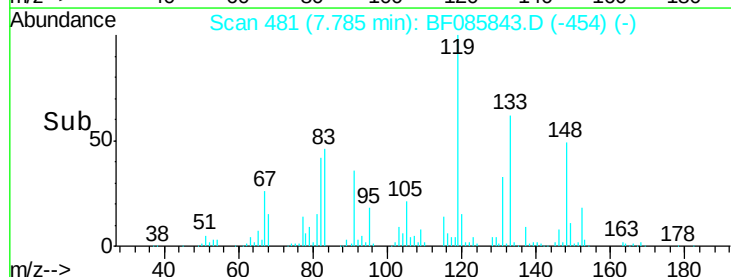
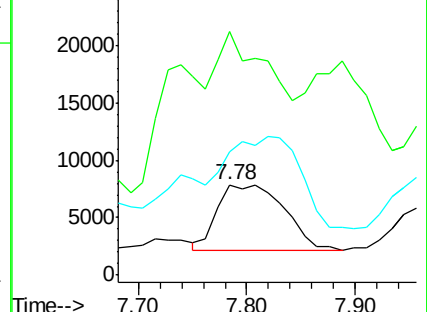
121 137.3 45.9 68.9#

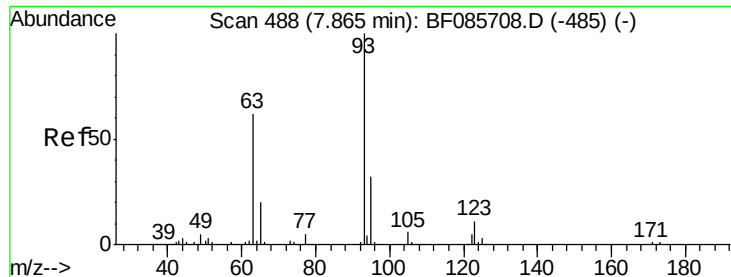


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 25.55 ng

RT: 7.94 min Scan# 495

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

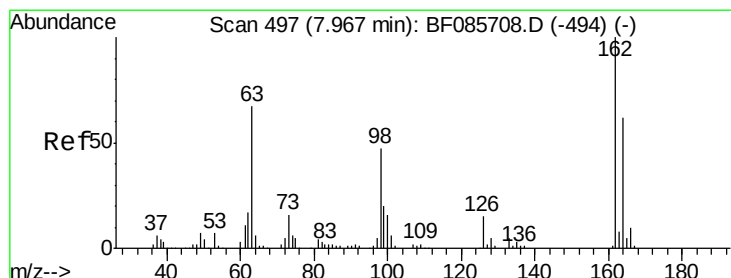
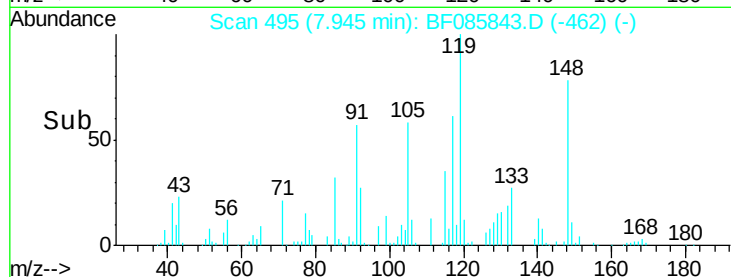
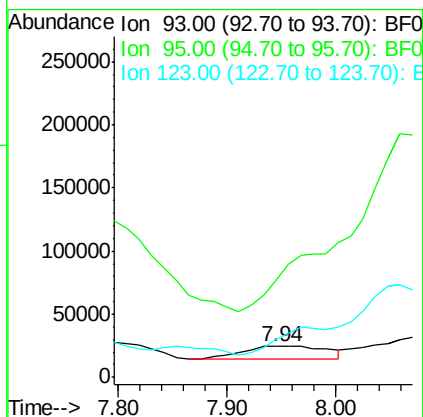
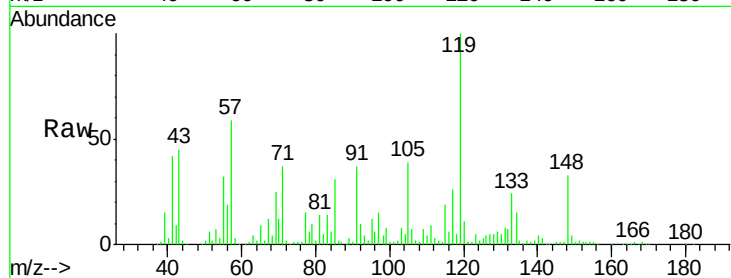
Tot Ion: 93 Resp: 59315

Ion Ratio Lower Upper

93 100

95 311.6 26.4 39.6#

123 120.0 9.8 14.6#



#29

2,4-Dichlorophenol

Concen: 227.62 ng

RT: 8.10 min Scan# 509

Delta R.T. 0.14 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

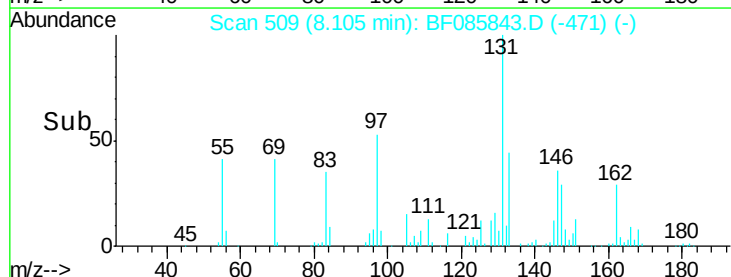
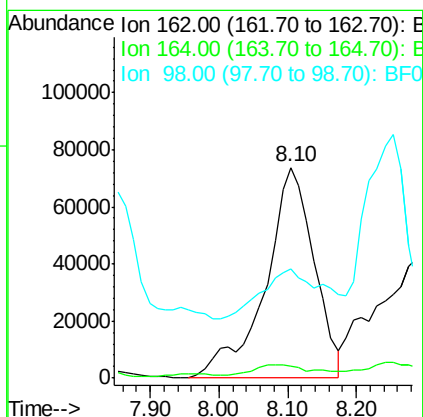
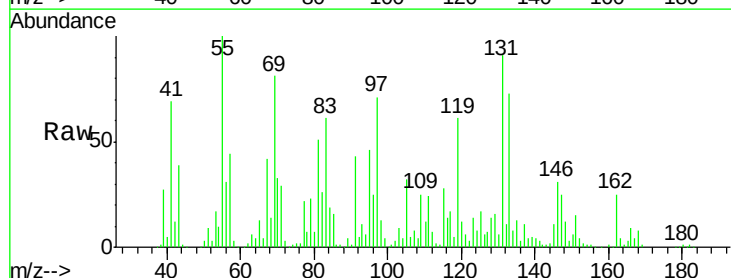
Tgt Ion: 162 Resp: 364815

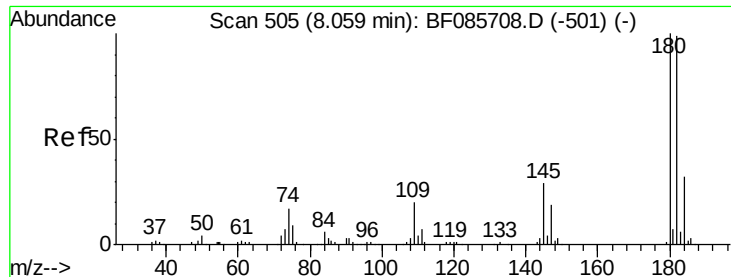
Ion Ratio Lower Upper

162 100

164 5.7 43.7 83.7#

98 51.8 20.4 60.4

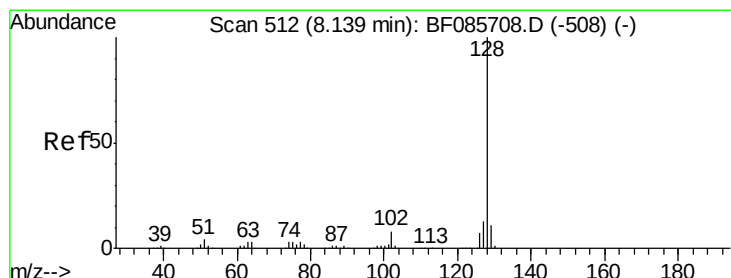
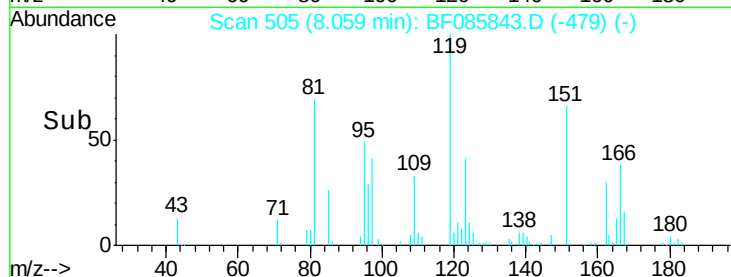
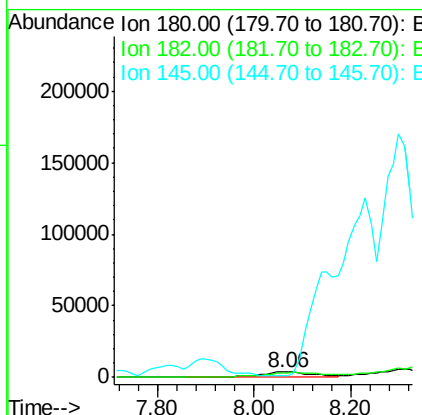
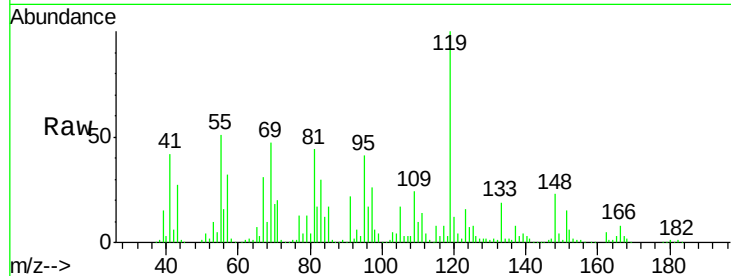




#30
1,2,4-Trichlorobenzene
Concen: 17.71 ng
RT: 8.06 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

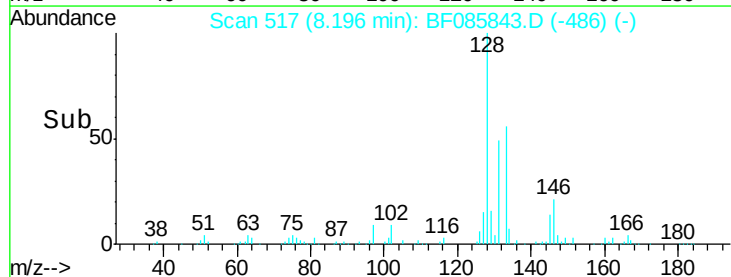
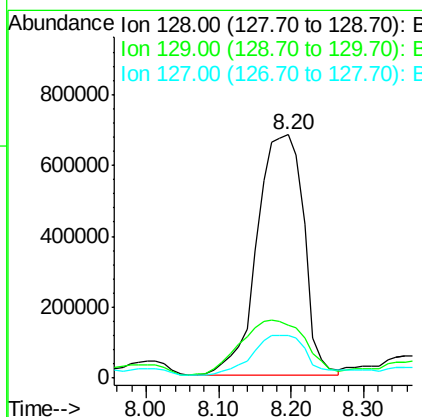
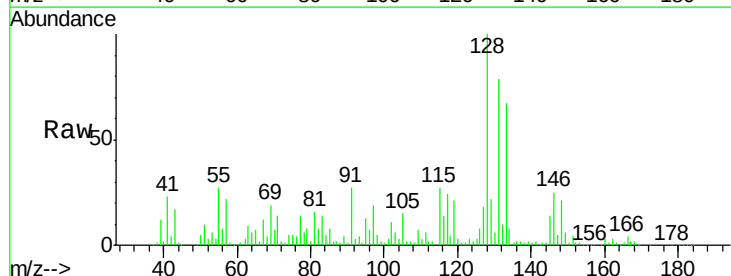
Instrument :
BNA_F
ClientSampled :

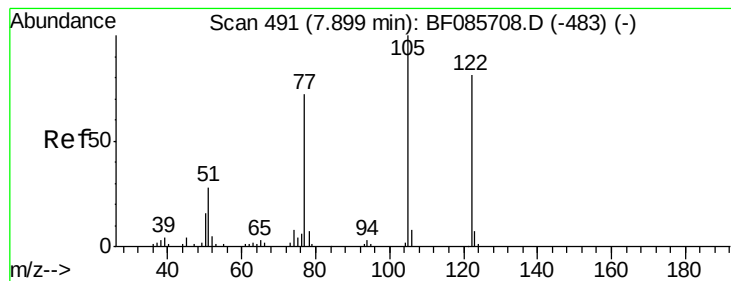
Tot Ion:180 Resp: 31509
Ion Ratio Lower Upper
180 100
182 80.7 73.8 110.8
145 26.7 28.4 42.6#



#31
Naphthalene
Concen: 507.22 ng
RT: 8.20 min Scan# 517
Delta R.T. 0.06 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion:128 Resp: 3044154
Ion Ratio Lower Upper
128 100
129 21.8 9.4 14.0#
127 17.6 11.0 16.6#





#32

Benzoic acid

Concen: 13.09 ng

RT: 7.97 min Scan# 497

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :

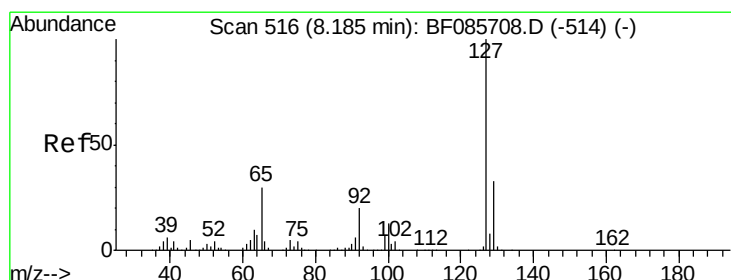
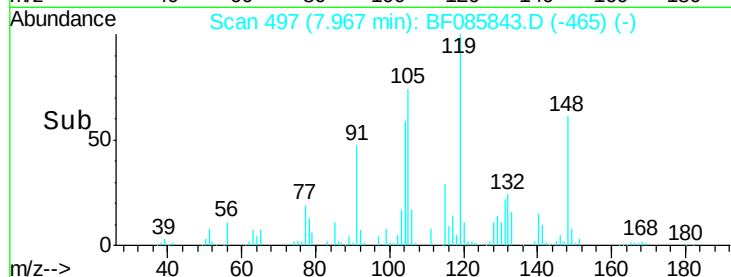
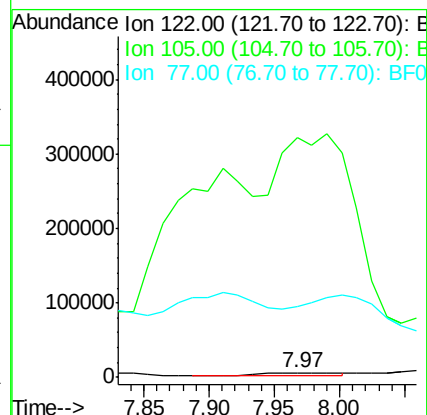
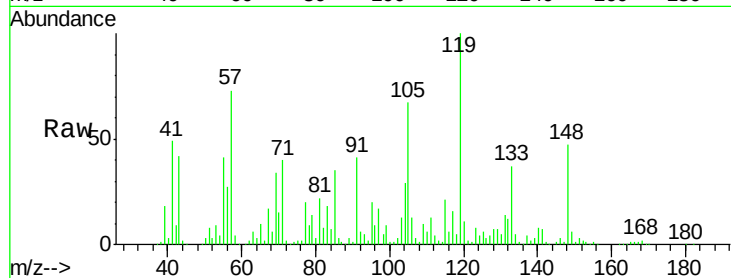
Tot Ion:122 Resp: 16580

Ion Ratio Lower Upper

122 100

105 5068.6 102.9 142.9#

77 1499.8 71.8 111.8#



#33

4-Chloroaniline

Concen: 246.14 ng

RT: 8.20 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Tgt Ion:127 Resp: 603134

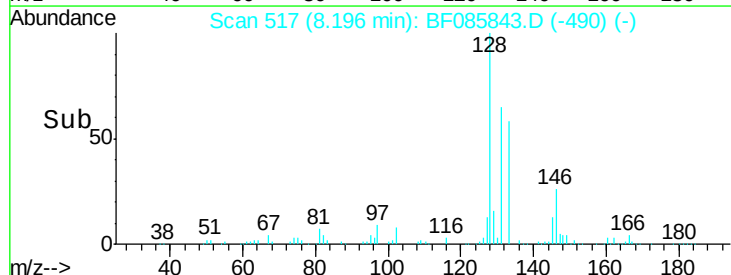
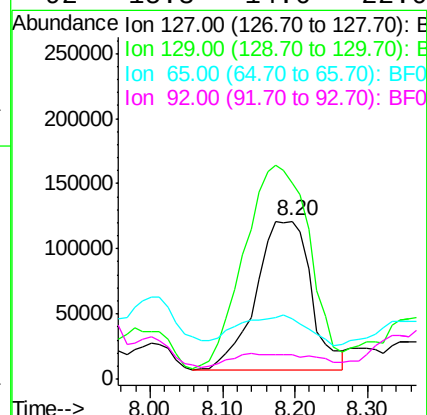
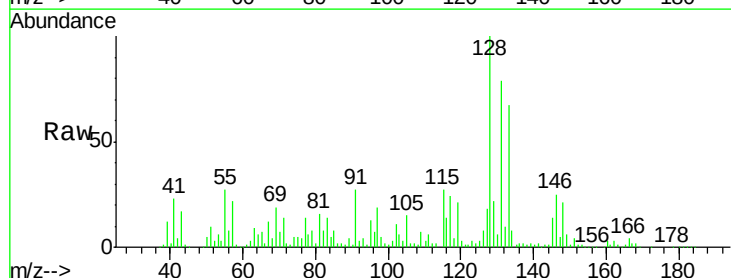
Ion Ratio Lower Upper

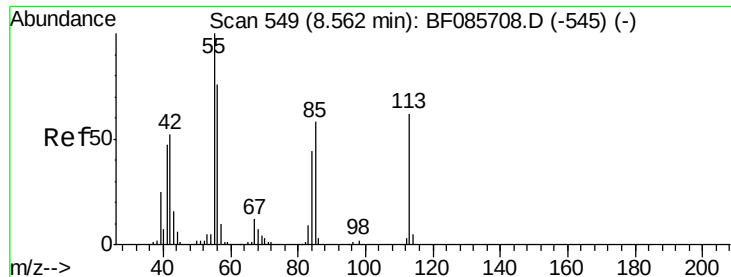
127 100

129 124.0 26.1 39.1#

65 38.6 19.5 29.3#

92 15.3 14.6 22.0





#35

Caprolactam

Concen: 488.02 ng

RT: 8.63 min Scan# 555

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

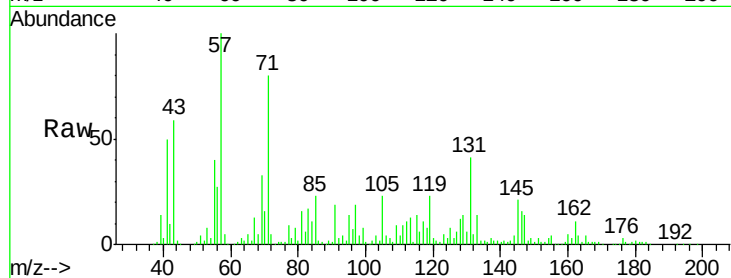
Tot Ion:113 Resp: 277076

Ion Ratio Lower Upper

113 100

55 308.7 139.4 179.4#

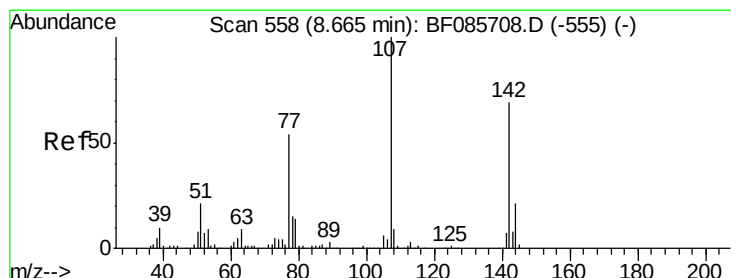
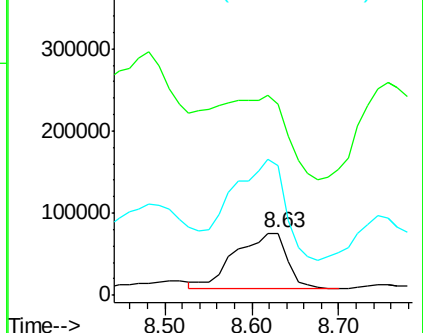
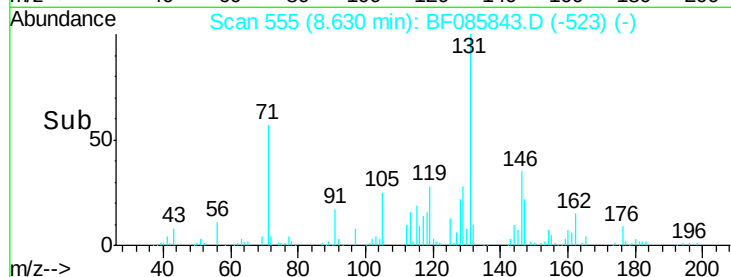
56 210.2 100.4 140.4#



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: 8.76 ng

RT: 8.73 min Scan# 564

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

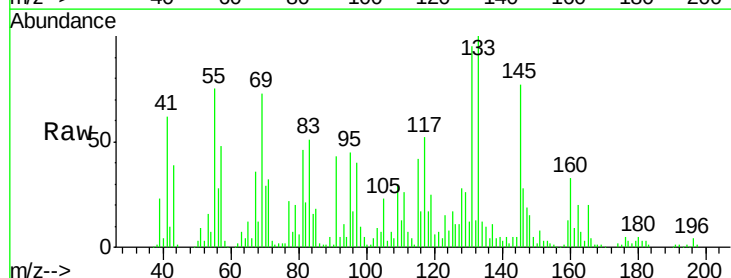
Tgt Ion:107 Resp: 16393

Ion Ratio Lower Upper

107 100

144 69.3 19.3 28.9#

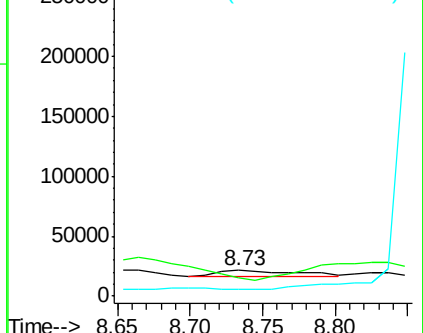
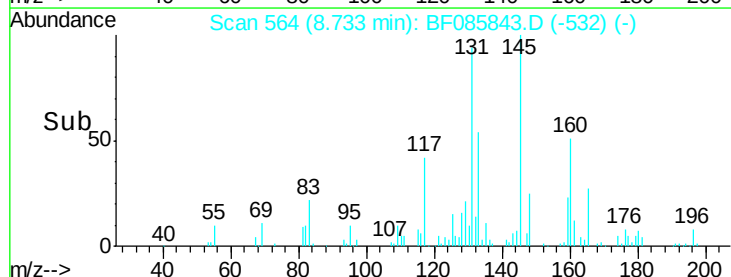
142 24.1 61.4 92.0#

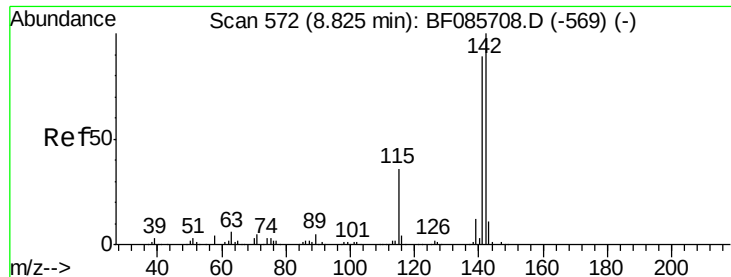


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

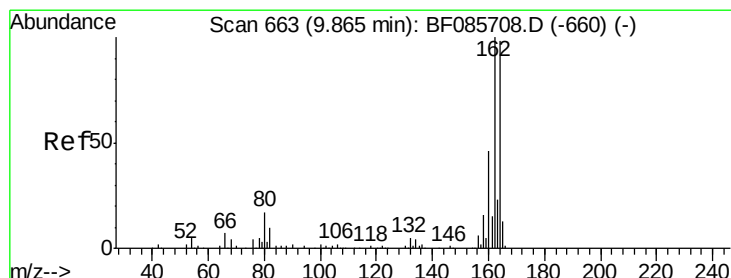
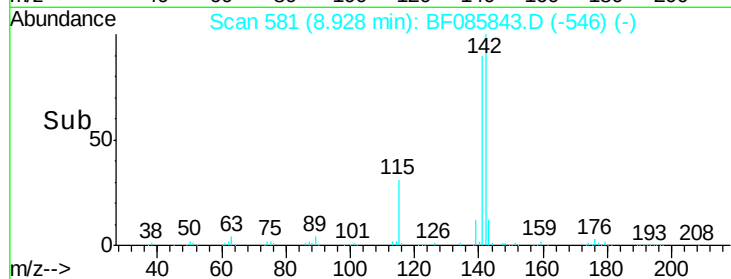
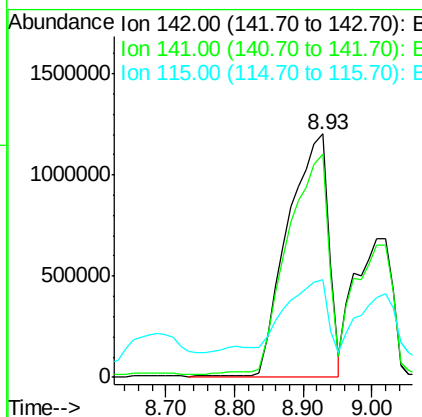
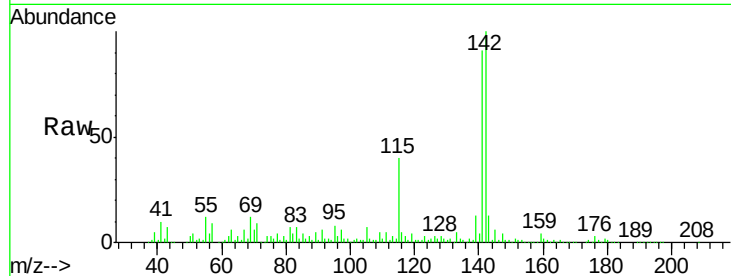




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.93 min Scan# 581
Delta R.T. 0.10 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

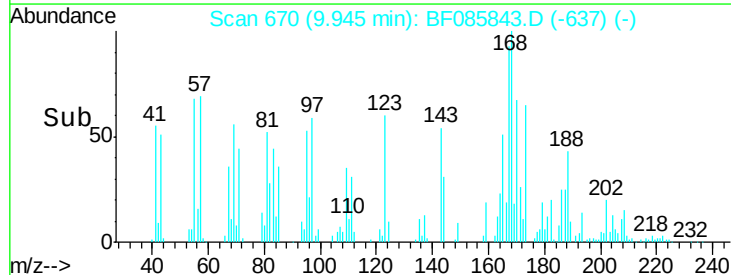
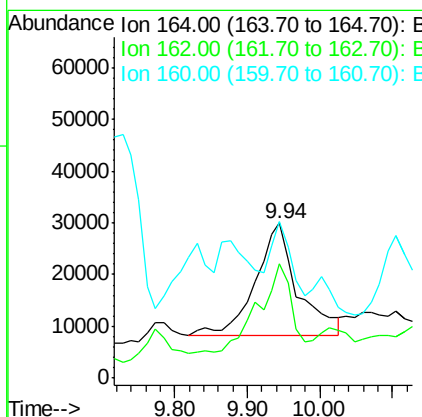
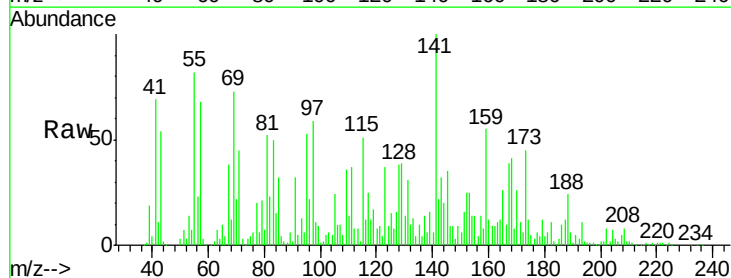
Instrument :
BNA_F
ClientSampleId :

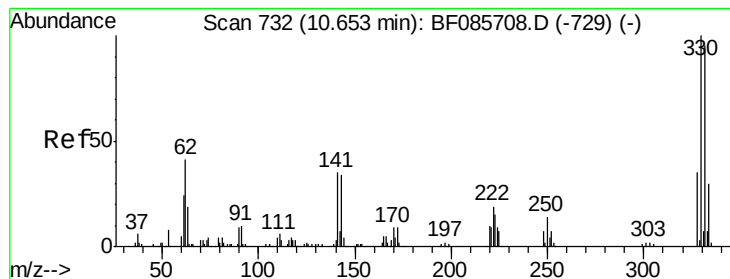
Tot Ion:142 Resp: 4887056
Ion Ratio Lower Upper
142 100
141 91.4 71.6 107.4
115 40.1 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 670
Delta R.T. 0.08 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion:164 Resp: 88851
Ion Ratio Lower Upper
164 100
162 74.2 82.1 123.1#
160 100.8 37.4 56.2#





#41

2,4,6-Tribromophenol

Concen: 91.36 ng

RT: 10.73 min Scan# 739

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

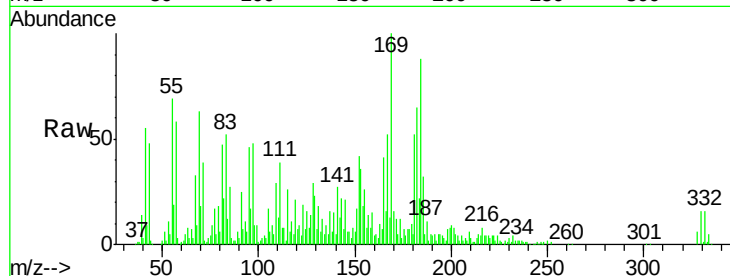
Tot Ion:330 Resp: 77123

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

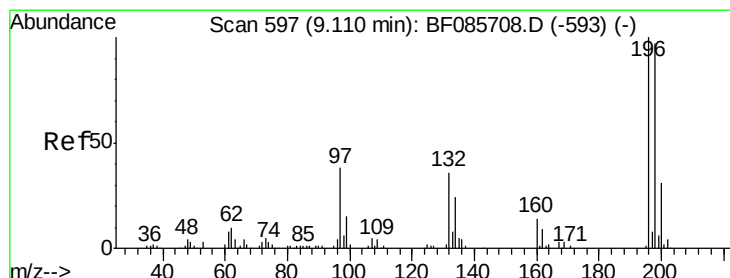
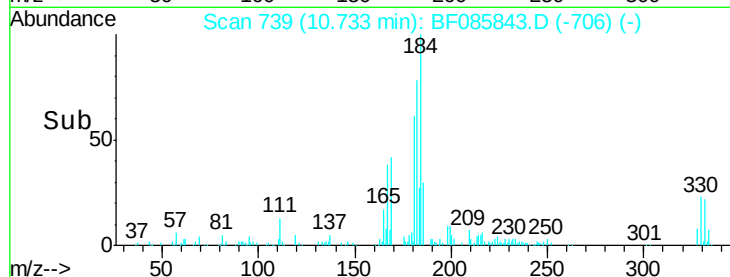
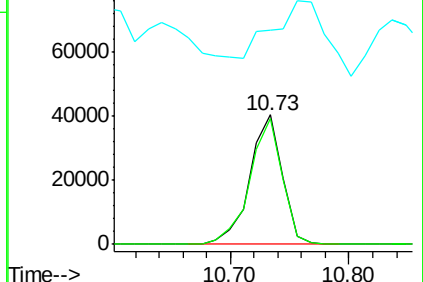
141 0.0 31.5 47.3#



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: 6.51 ng

RT: 9.17 min Scan# 602

Delta R.T. 0.06 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

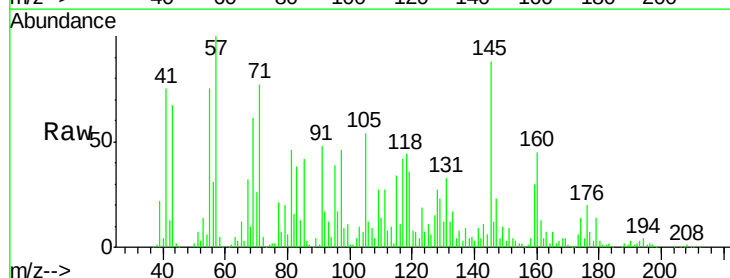
Tgt Ion:196 Resp: 11589

Ion Ratio Lower Upper

196 100

198 7.4 75.3 112.9#

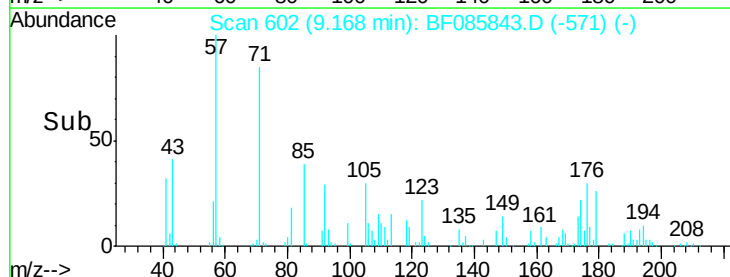
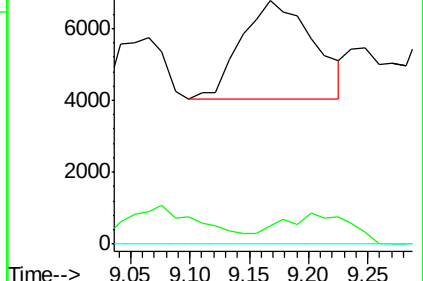
200 0.0 23.7 35.5#

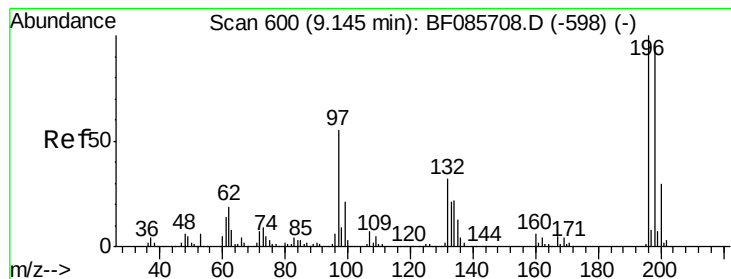


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 5.51 ng

RT: 9.17 min Scan# 602

Delta R.T. 0.02 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 10279

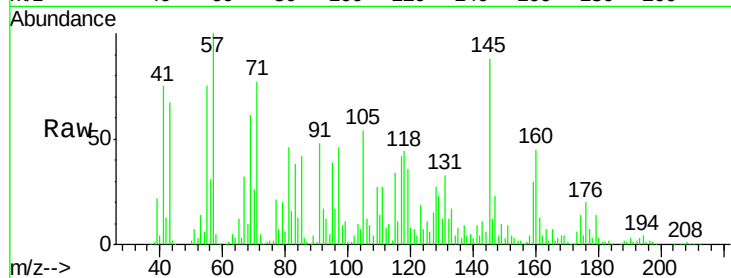
Ion Ratio Lower Upper

196 100

198 7.4 76.6 114.8#

97 2046.1 30.5 45.7#

132 523.8 20.2 30.2#

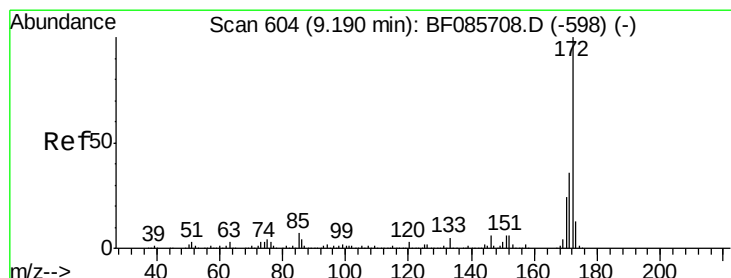
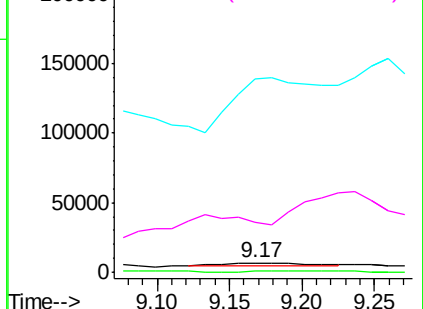
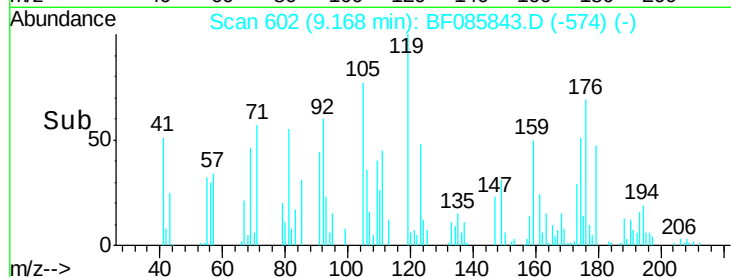


Abundance Ion 196.00 (195.70 to 196.70): E

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: 56.15 ng

RT: 9.25 min Scan# 609

Delta R.T. 0.06 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

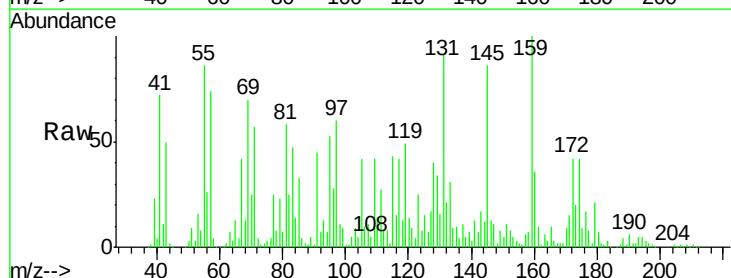
Tgt Ion:172 Resp: 298598

Ion Ratio Lower Upper

172 100

171 34.7 29.4 44.2

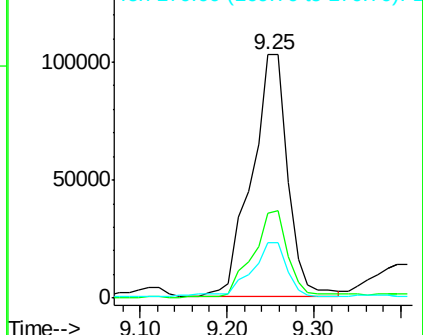
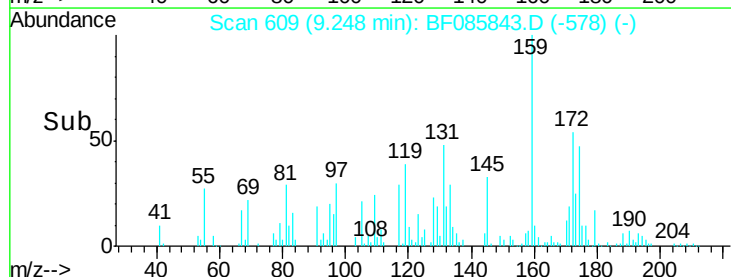
170 22.5 19.8 29.6

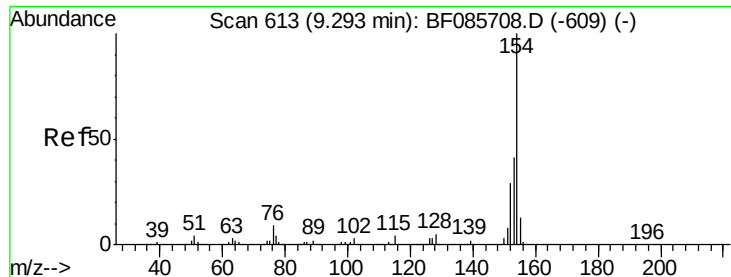


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 88.76 ng

RT: 9.36 min Scan# 619

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

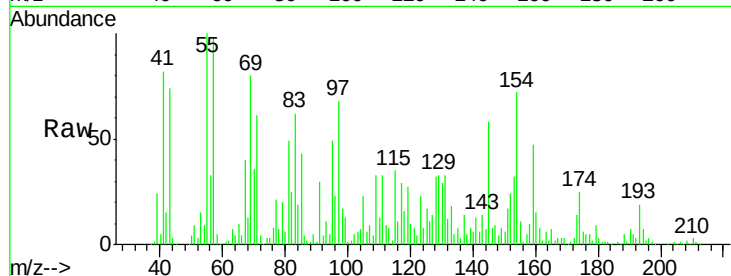
Tot Ion:154 Resp: 665442

Ion Ratio Lower Upper

154 100

153 44.6 20.8 60.8

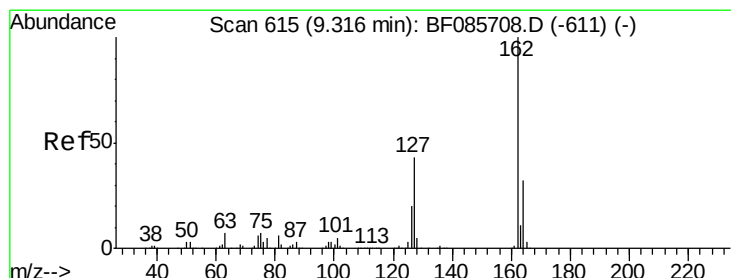
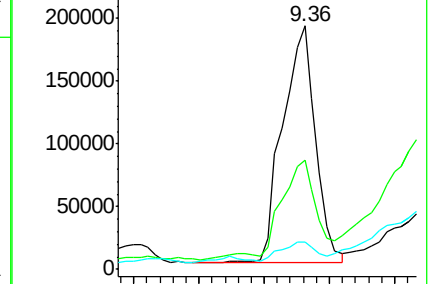
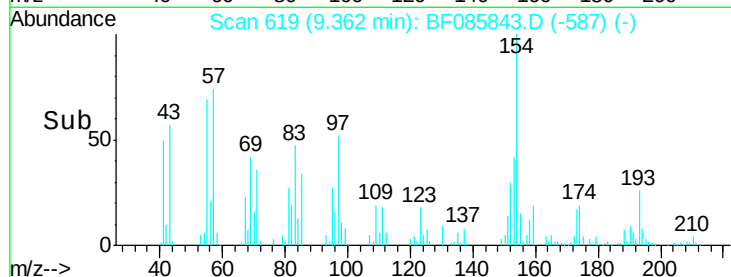
76 11.3 0.0 36.7



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: 10.45 ng

RT: 9.46 min Scan# 628

Delta R.T. 0.15 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

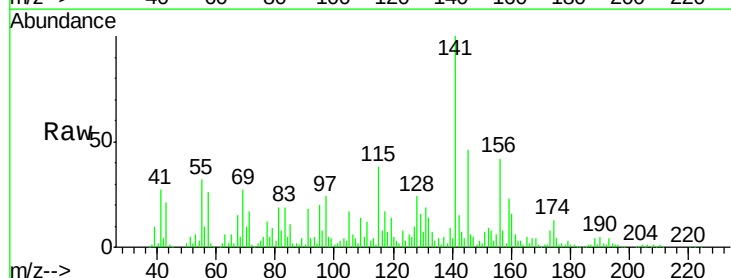
Tgt Ion:162 Resp: 57604

Ion Ratio Lower Upper

162 100

127 361.3 31.7 47.5#

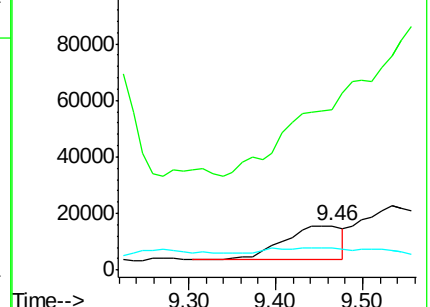
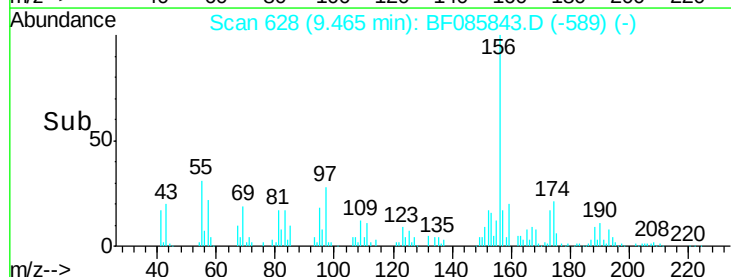
164 50.5 27.3 40.9#

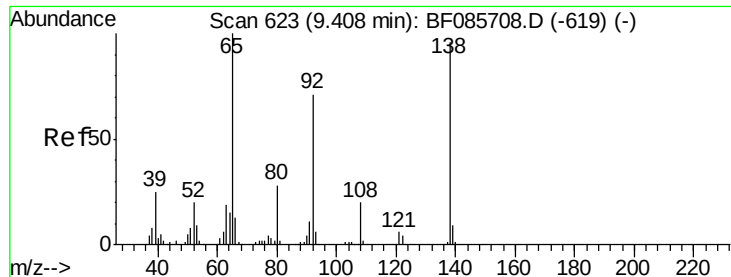


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 29.17 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.03 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :

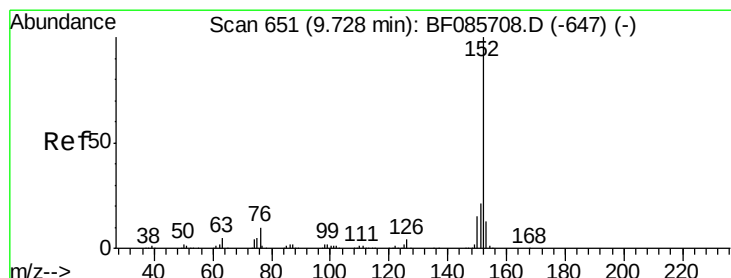
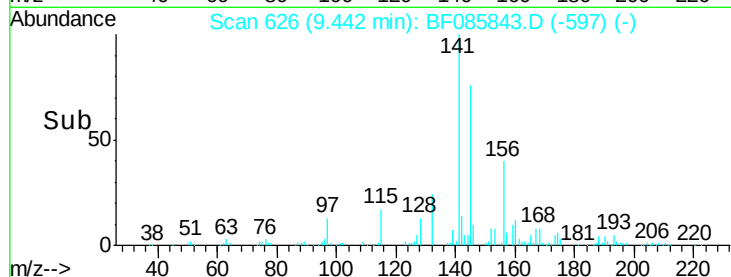
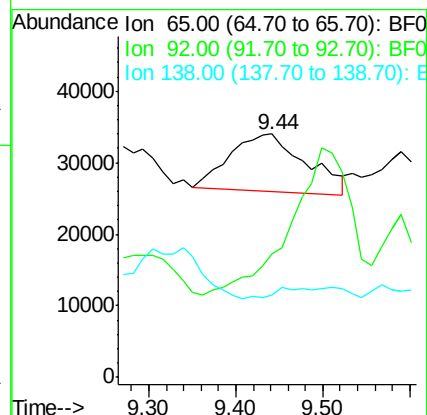
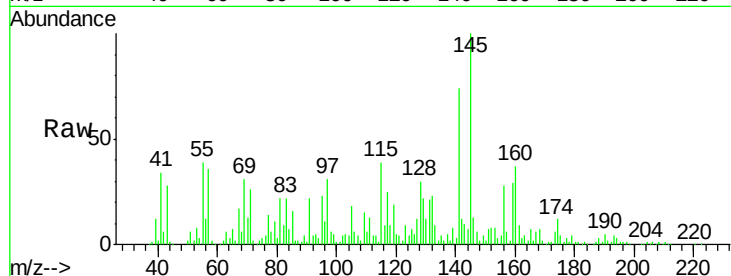
Tot Ion: 65 Resp: 49174

Ion Ratio Lower Upper

65 100

92 50.7 59.7 89.5#

138 33.7 91.4 137.0#



#48

Acenaphthylene

Concen: 8.05 ng

RT: 9.82 min Scan# 659

Delta R.T. 0.09 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

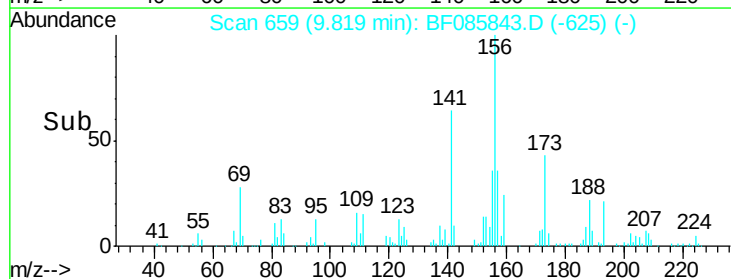
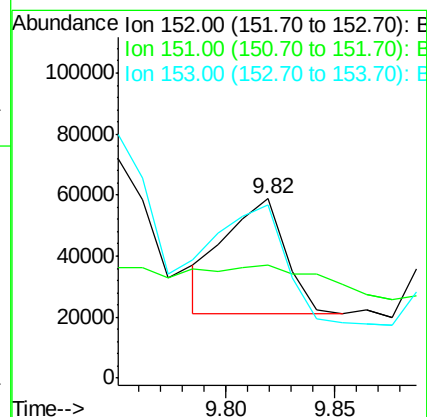
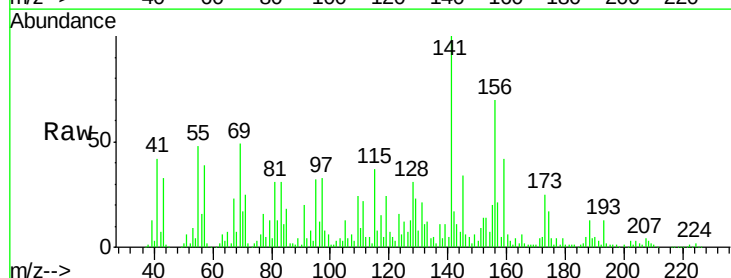
Tgt Ion: 152 Resp: 72276

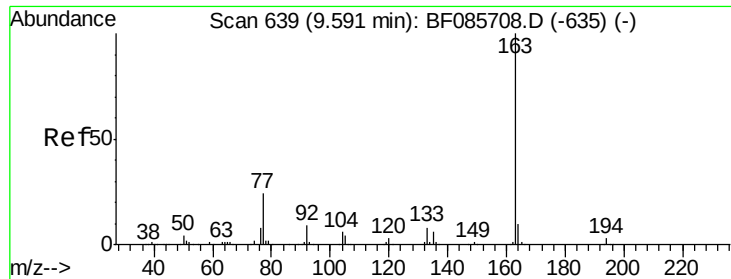
Ion Ratio Lower Upper

152 100

151 63.2 16.8 25.2#

153 96.9 10.9 16.3#

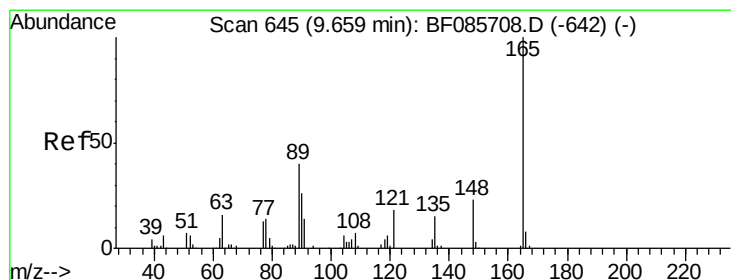
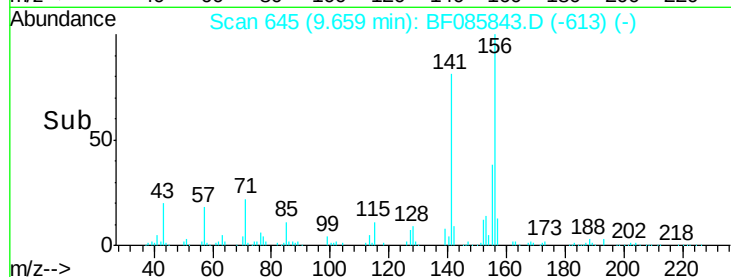
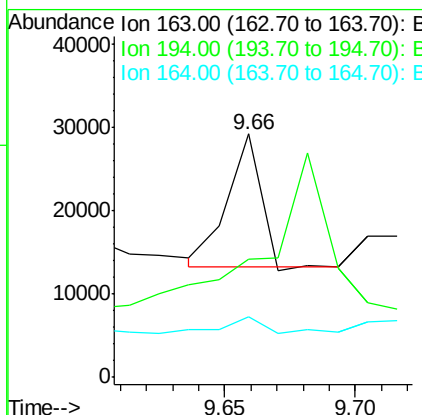
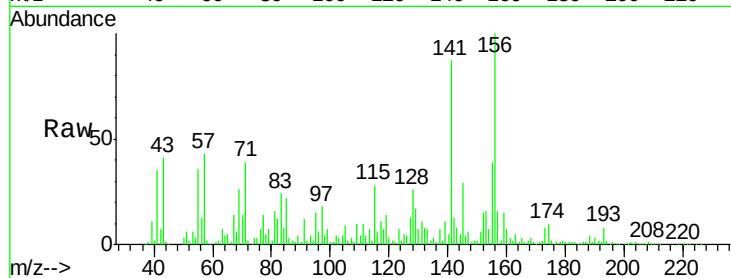




#49
Dimethylphthalate
Concen: 2.12 ng
RT: 9.66 min Scan# 645
Delta R.T. 0.07 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

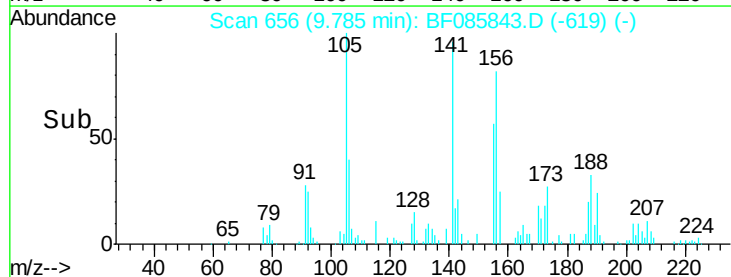
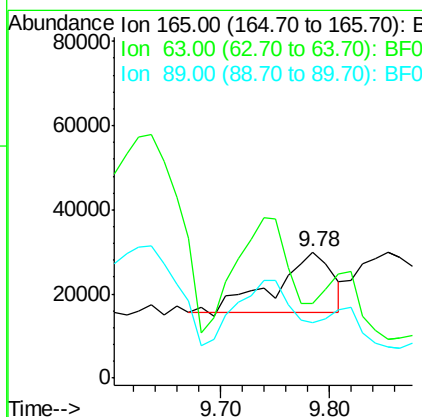
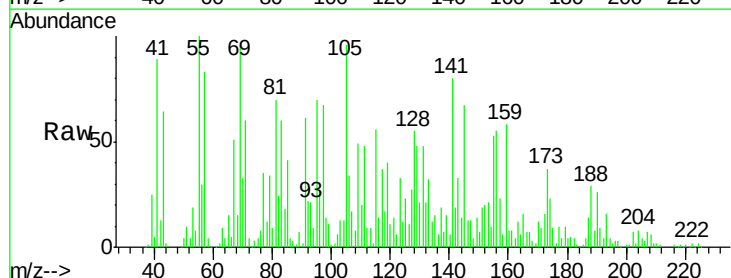
Instrument :
BNA_F
ClientSampled :

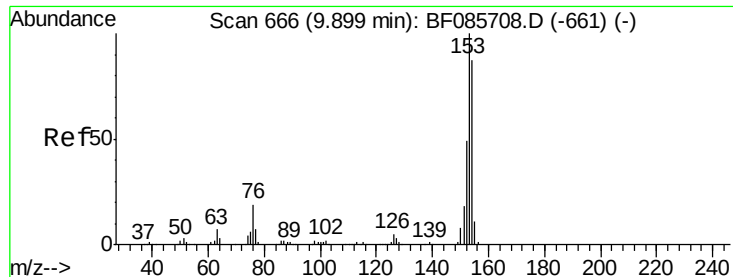
Tot Ion:163 Resp: 14282
Ion Ratio Lower Upper
163 100
194 48.5 2.9 4.3#
164 25.0 8.3 12.5#



#50
2,6-Dinitrotoluene
Concen: 36.81 ng
RT: 9.78 min Scan# 656
Delta R.T. 0.13 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion:165 Resp: 53405
Ion Ratio Lower Upper
165 100
63 59.5 51.8 77.8
89 44.2 53.7 80.5#





#51

Acenaphthene

Concen: 51.16 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

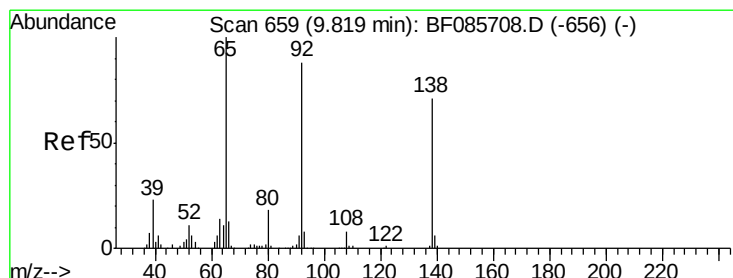
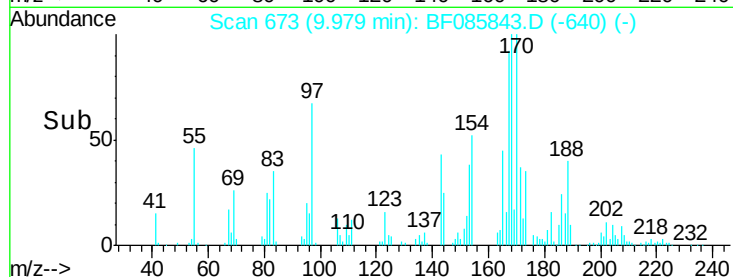
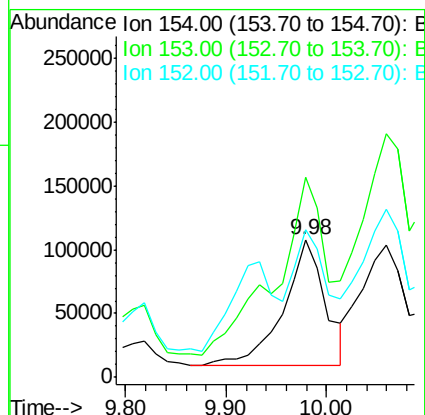
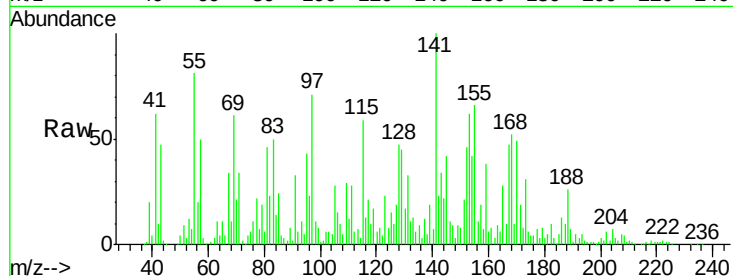
Tot Ion:154 Resp: 280702

Ion Ratio Lower Upper

154 100

153 145.8 90.1 135.1#

152 107.4 44.2 66.2#



#52

3-Nitroaniline

Concen: 9.99 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.03 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

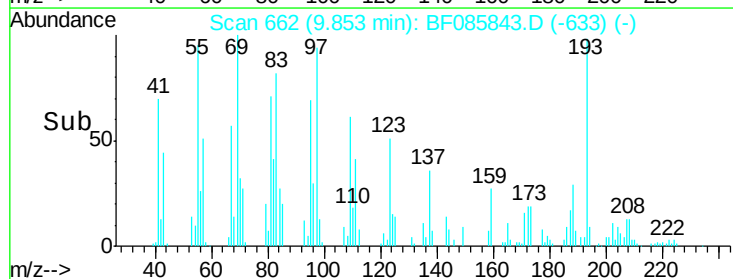
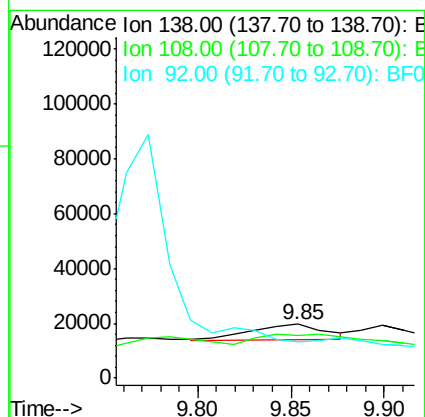
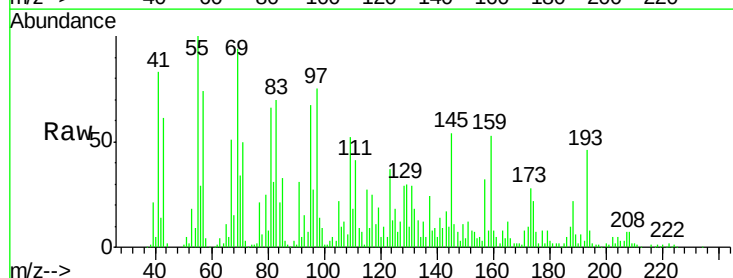
Tgt Ion:138 Resp: 16593

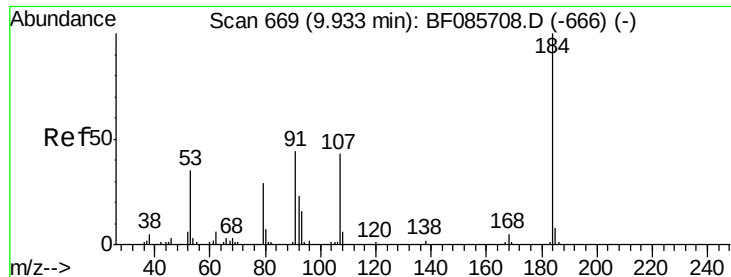
Ion Ratio Lower Upper

138 100

108 80.1 8.7 13.1#

92 66.9 93.3 139.9#

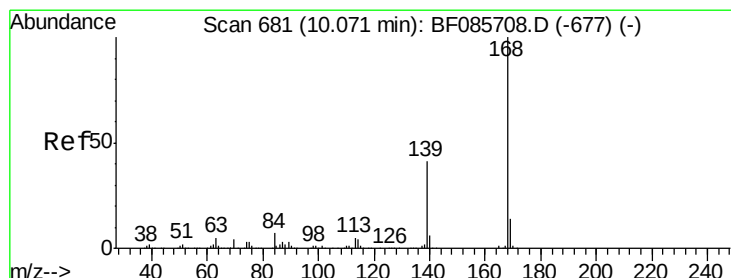
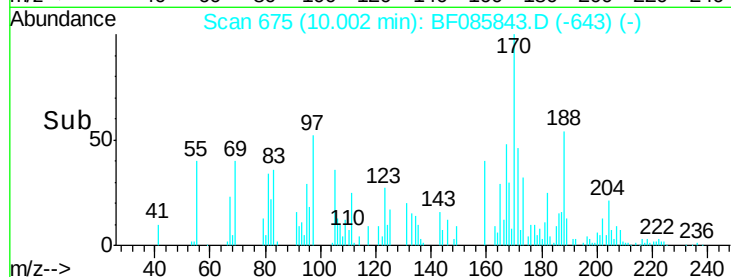
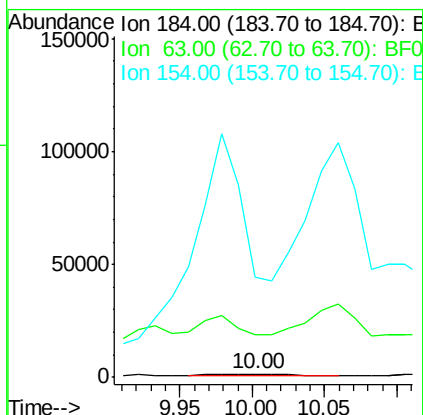
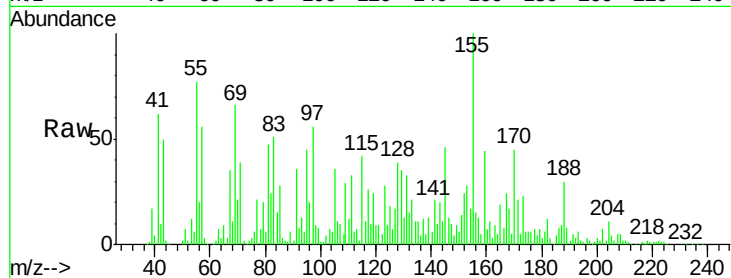




#53
2,4-Dinitrophenol
Concen: 9.41 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.07 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

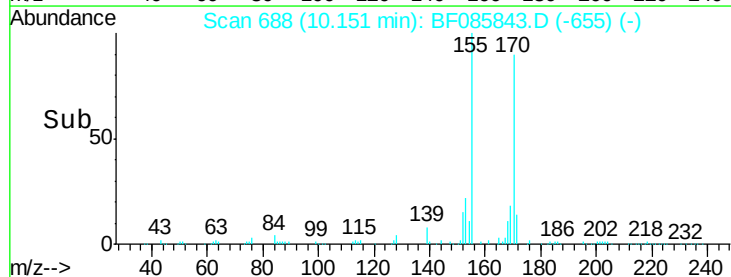
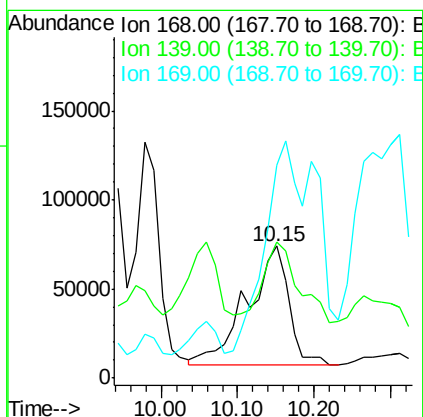
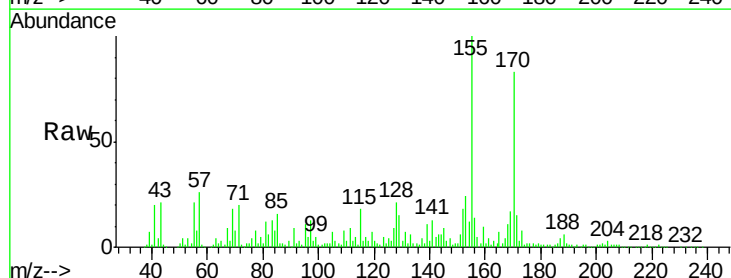
Instrument :
BNA_F
ClientSampleId :

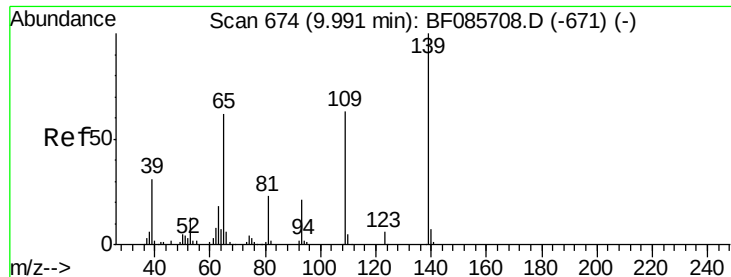
Tot Ion:184 Resp: 2672
Ion Ratio Lower Upper
184 100
63 1427.1 69.5 104.3#
154 3359.5 58.3 87.5#



#54
Dibenzofuran
Concen: 35.06 ng
RT: 10.15 min Scan# 688
Delta R.T. 0.08 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion:168 Resp: 248964
Ion Ratio Lower Upper
168 100
139 103.2 31.9 47.9#
169 162.0 11.0 16.6#





#55

4-Nitrophenol

Concen: 142.12 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampled :

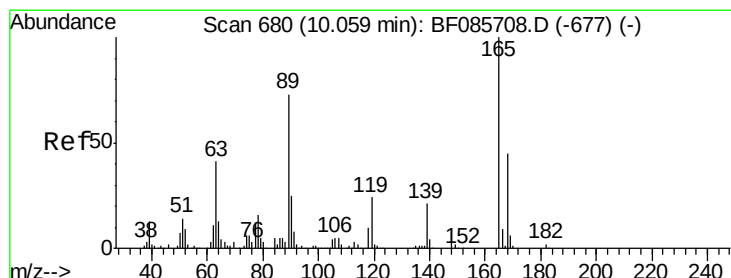
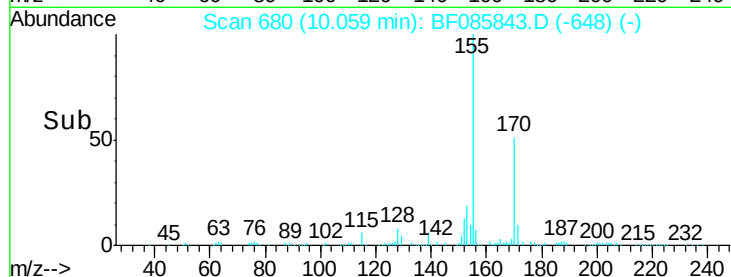
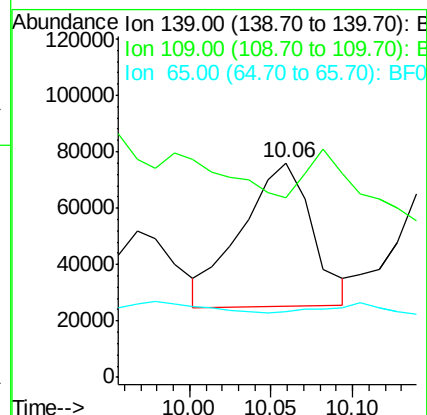
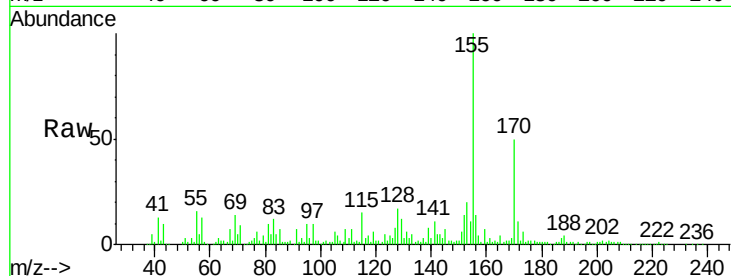
Tot Ion:139 Resp: 153779

Ion Ratio Lower Upper

139 100

109 83.5 49.2 89.2

65 30.4 66.9 106.9#



#56

2,4-Dinitrotoluene

Concen: 38.36 ng

RT: 10.16 min Scan# 689

Delta R.T. 0.10 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Tgt Ion:165 Resp: 70745

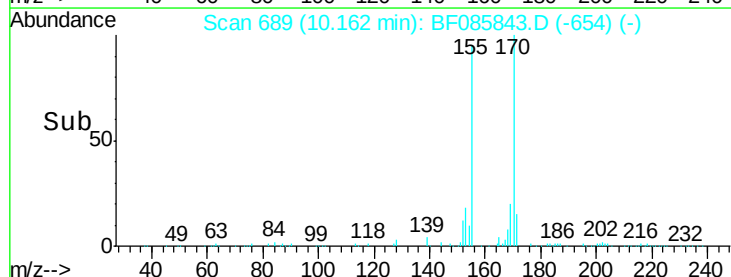
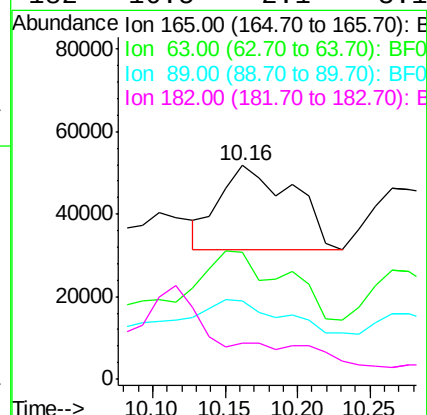
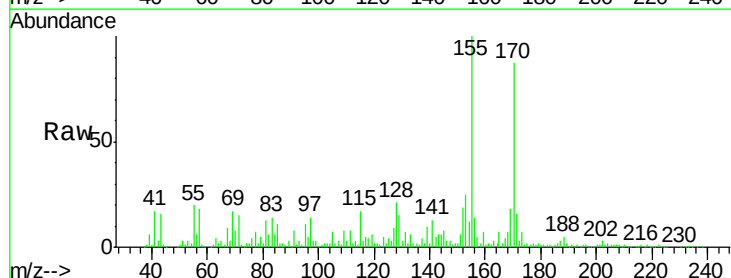
Ion Ratio Lower Upper

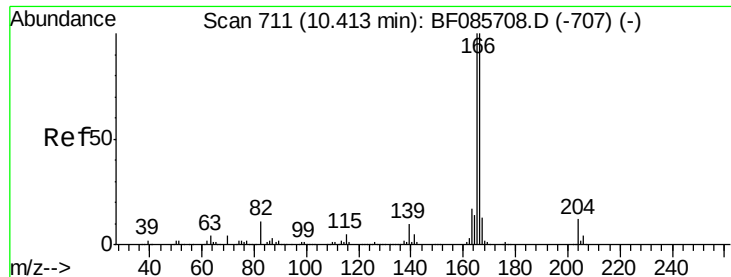
165 100

63 59.6 24.9 37.3#

89 36.5 41.0 61.6#

182 16.5 2.1 3.1#

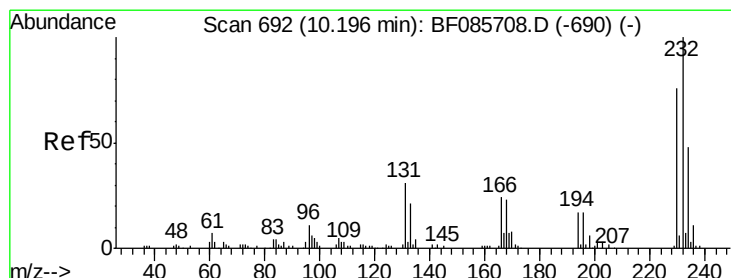
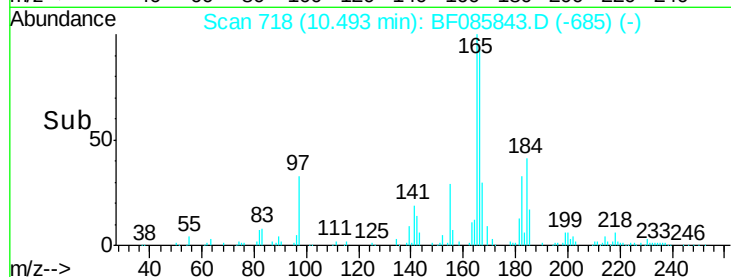
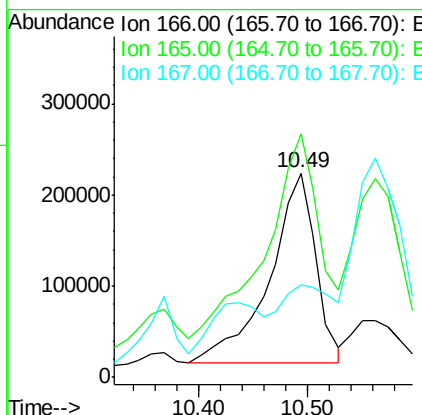
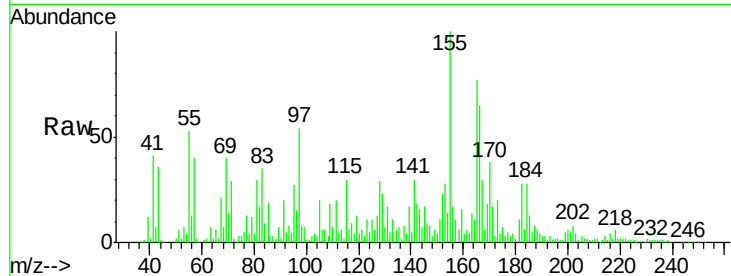




#57
Fluorene
Concen: 103.95 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.08 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

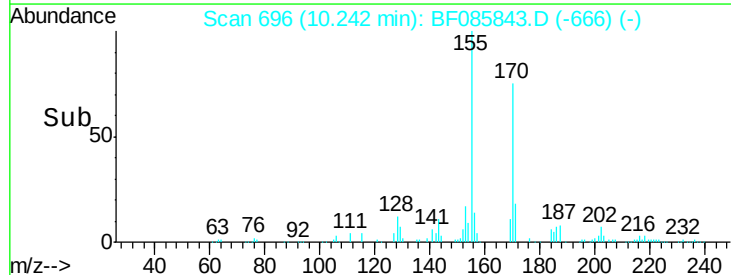
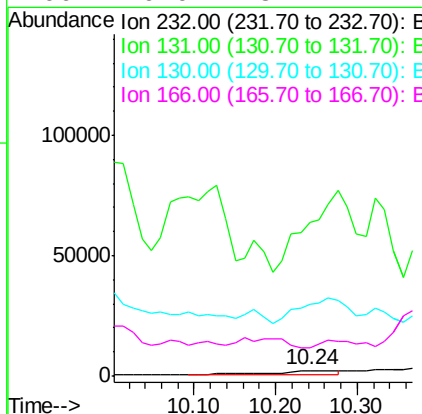
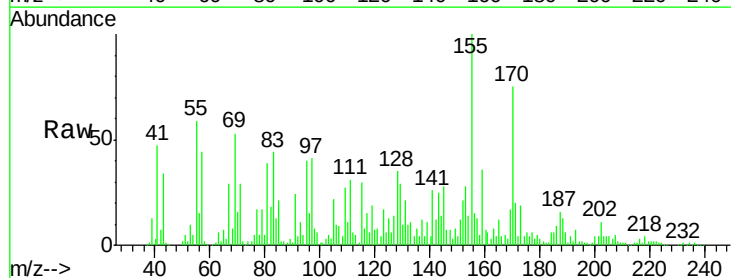
Instrument :
BNA_F
ClientSampleId :

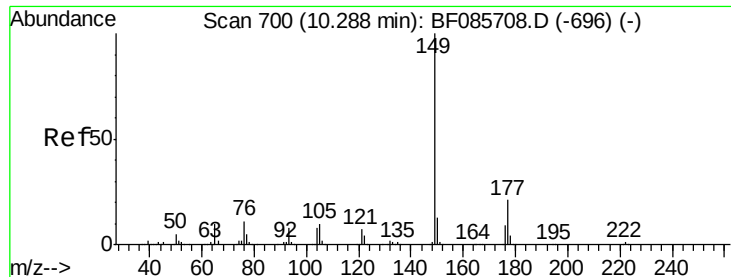
Tot Ion:166 Resp: 613669
Ion Ratio Lower Upper
166 100
165 119.2 79.4 119.0#
167 45.4 11.0 16.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 6.19 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.05 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion:232 Resp: 8024
Ion Ratio Lower Upper
232 100
131 0.0 44.9 67.3#
130 0.0 2.3 3.5#
166 0.0 28.1 42.1#

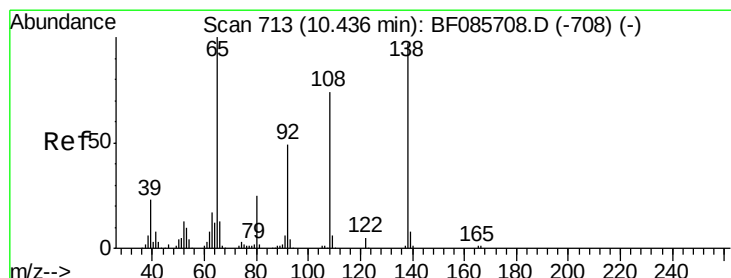
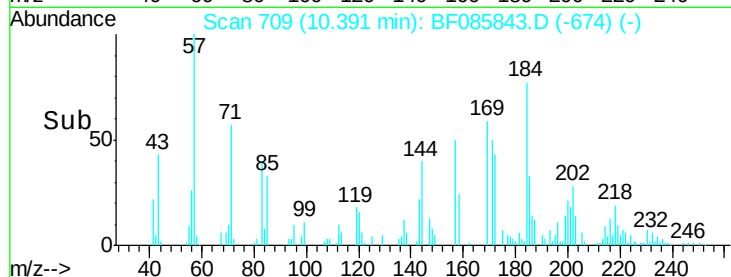
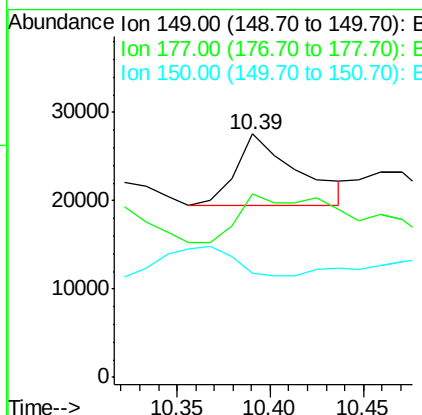
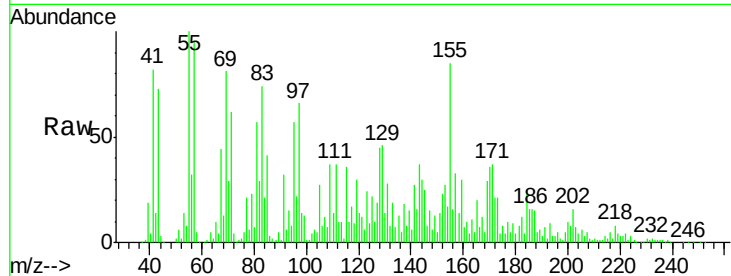




#59
Diethylphthalate
Concen: 2.78 ng
RT: 10.39 min Scan# 709
Delta R.T. 0.10 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

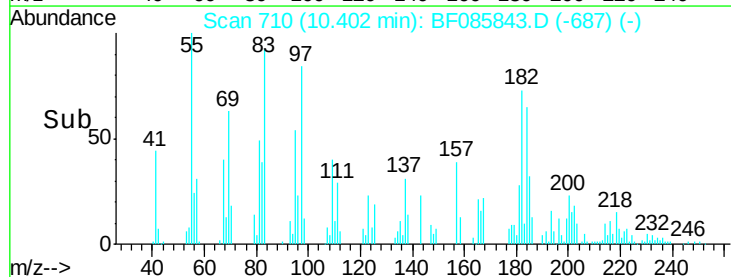
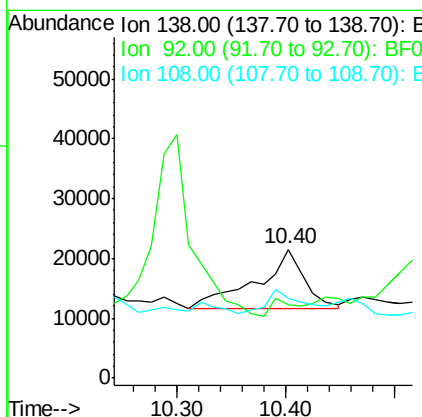
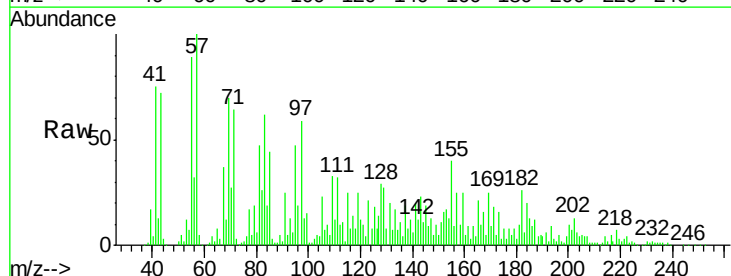
Instrument :
BNA_F
ClientSampled :

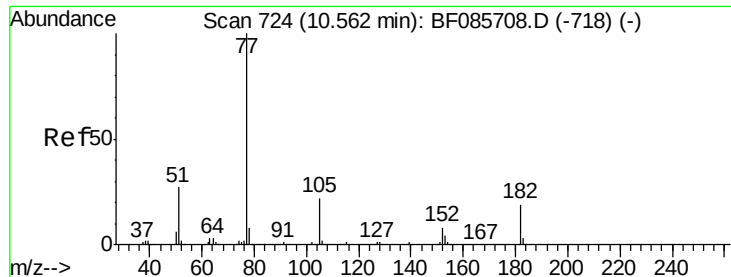
Tot Ion:149 Resp: 18492
Ion Ratio Lower Upper
149 100
177 75.3 17.9 26.9#
150 42.9 10.2 15.2#



#61
4-Nitroaniline
Concen: 19.29 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF085843.D
Acq: 29 Mar 2016 10:47

Tgt Ion:138 Resp: 30644
Ion Ratio Lower Upper
138 100
92 57.0 26.4 66.4
108 61.4 49.0 89.0





#62

Azobenzene

Concen: 10.00 ng

RT: 10.64 min Scan# 731

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 64007

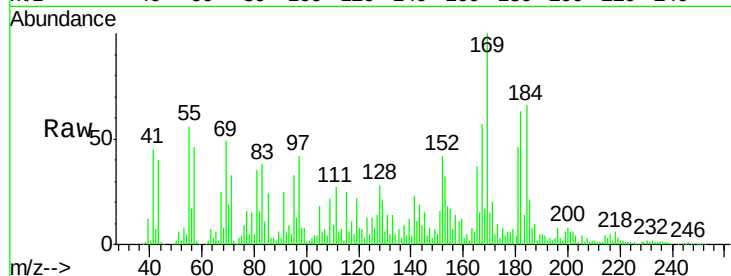
Ion Ratio Lower Upper

77 100

182 387.2 1.9 41.9#

105 111.8 3.5 43.5#

51 34.4 6.3 46.3



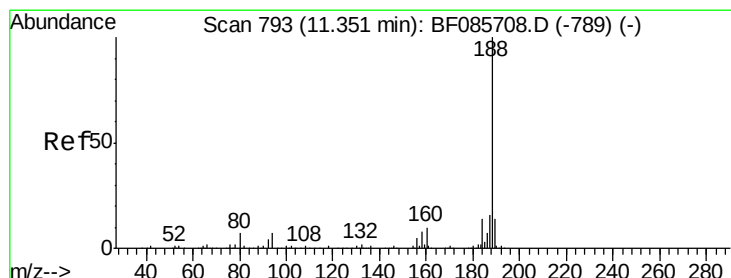
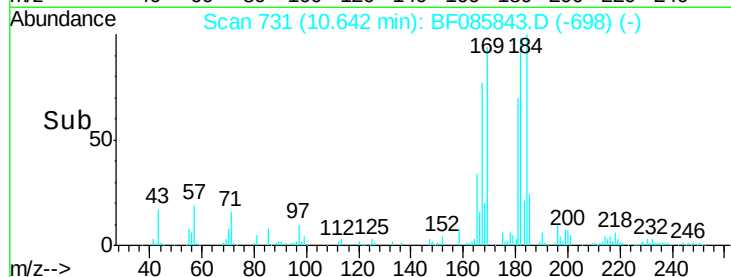
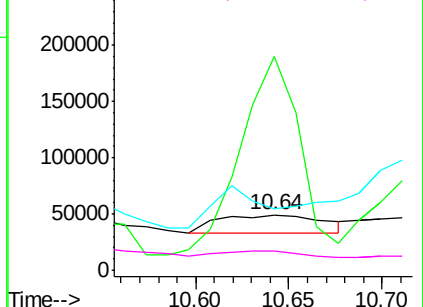
Abundance

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: 11.41 min Scan# 798

Delta R.T. 0.06 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

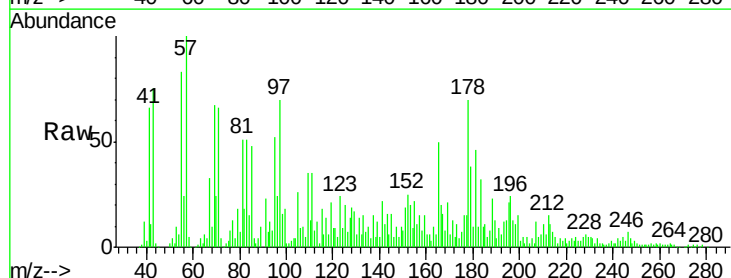
Tgt Ion: 188 Resp: 99986

Ion Ratio Lower Upper

188 100

94 35.2 5.4 8.0#

80 32.3 5.5 8.3#

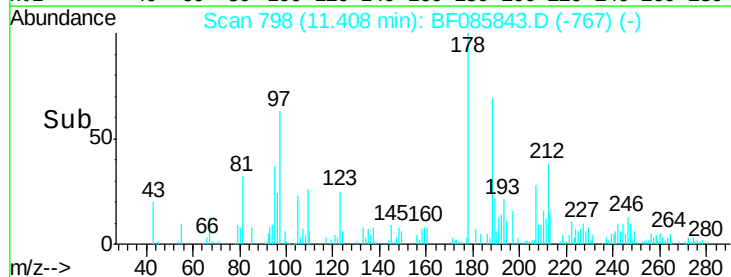
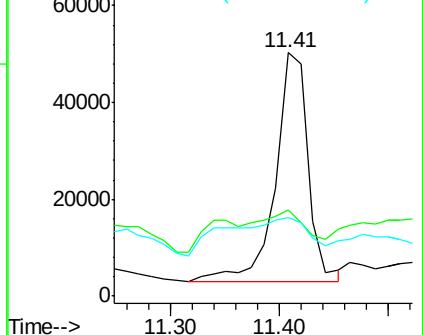


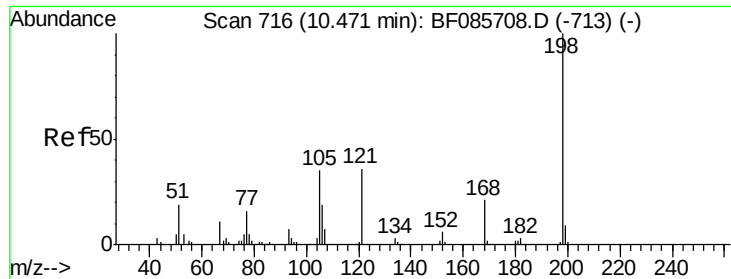
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.35 ng

RT: 10.55 min Scan# 723

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

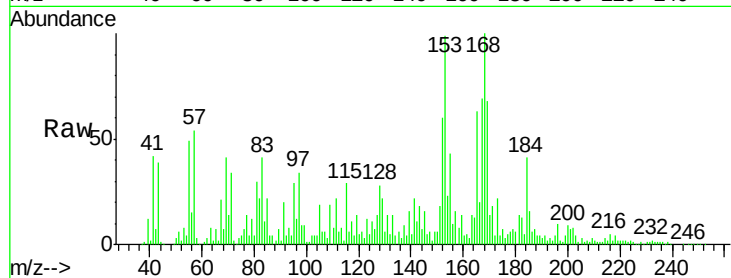
Tot Ion:198 Resp: 2550

Ion Ratio Lower Upper

198 100

51 535.5 45.4 85.4#

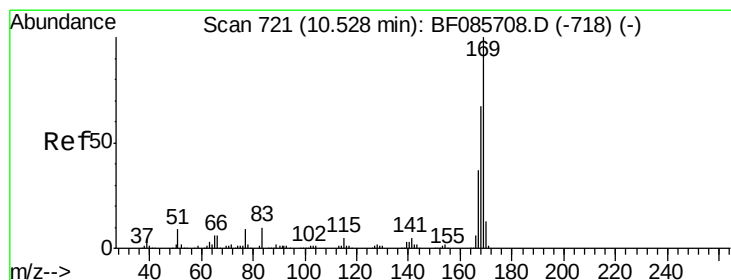
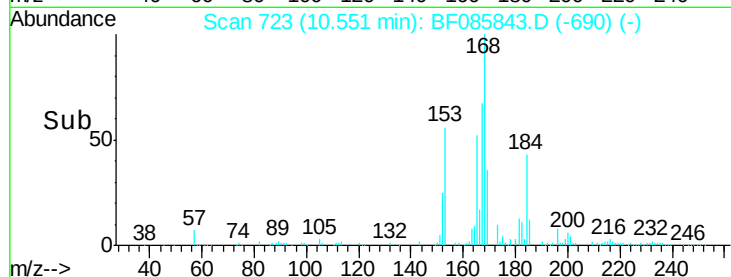
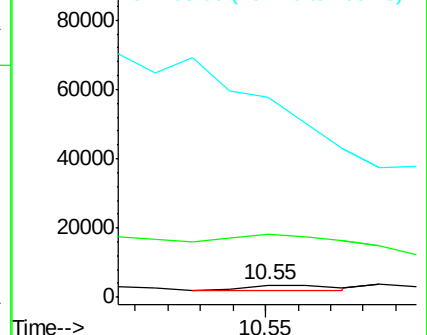
105 1685.9 45.9 85.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 201.88 ng

RT: 10.61 min Scan# 728

Delta R.T. 0.08 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

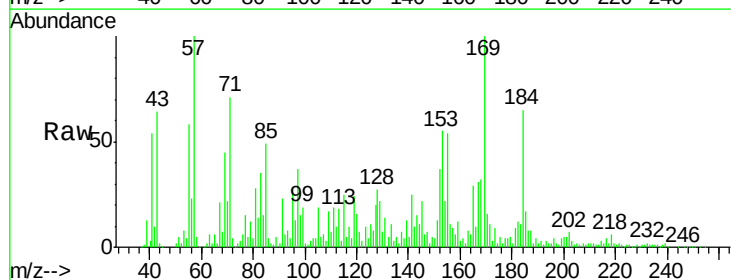
Tgt Ion:169 Resp: 639336

Ion Ratio Lower Upper

169 100

168 32.3 54.4 81.6#

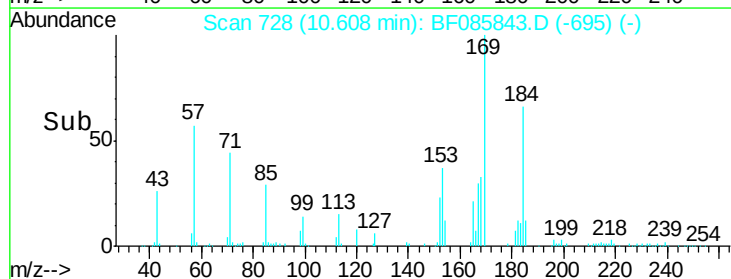
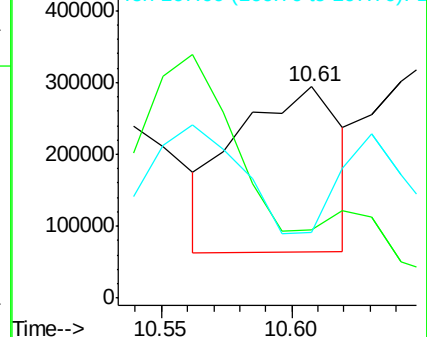
167 30.9 29.4 44.0

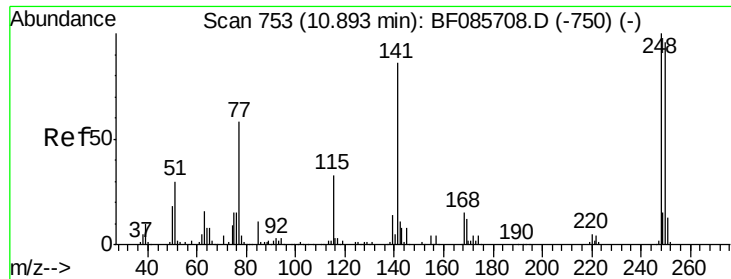


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 11.02 ng

RT: 10.96 min Scan# 759

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

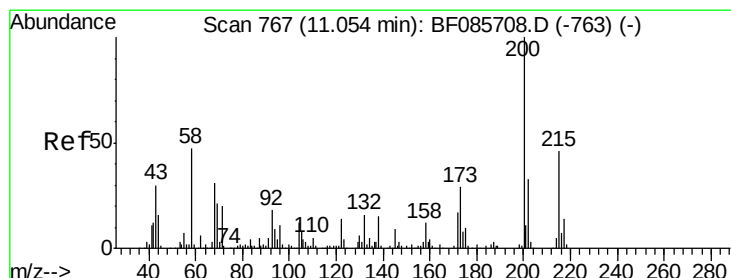
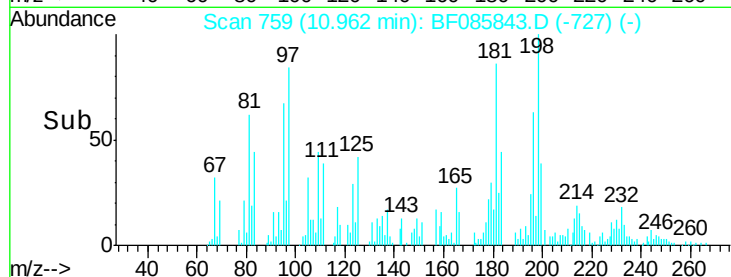
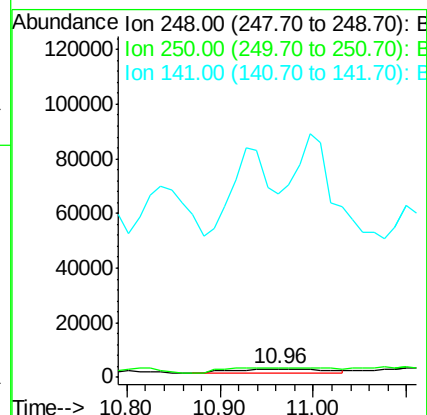
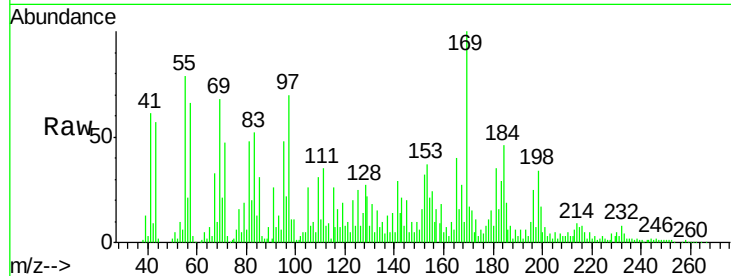
Tot Ion:248 Resp: 11274

Ion Ratio Lower Upper

248 100

250 104.6 77.4 116.0

141 2130.9 63.6 95.4#



#68

Atrazine

Concen: 60.40 ng

RT: 11.12 min Scan# 773

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

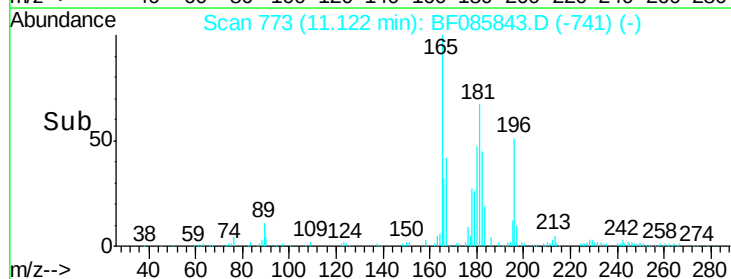
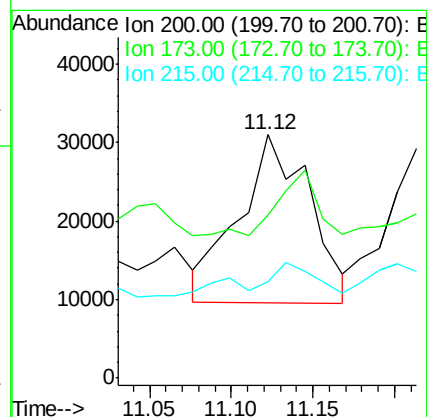
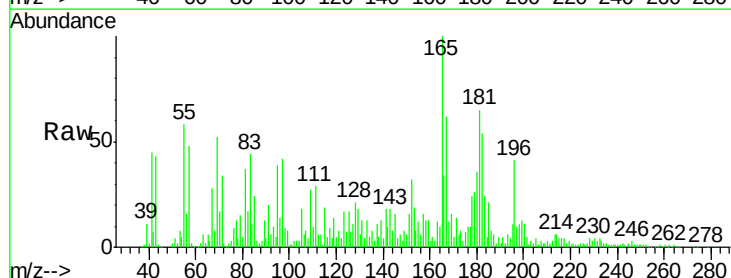
Tgt Ion:200 Resp: 64580

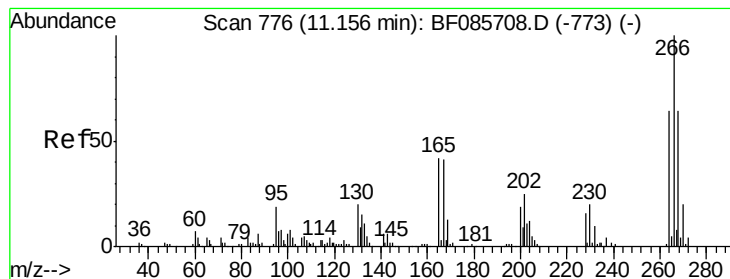
Ion Ratio Lower Upper

200 100

173 66.9 7.7 47.7#

215 39.4 25.4 65.4





#69

Pentachlorophenol

Concen: 11.84 ng

RT: 11.25 min Scan# 784

Delta R.T. 0.09 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :
BNA_F
ClientSampled :

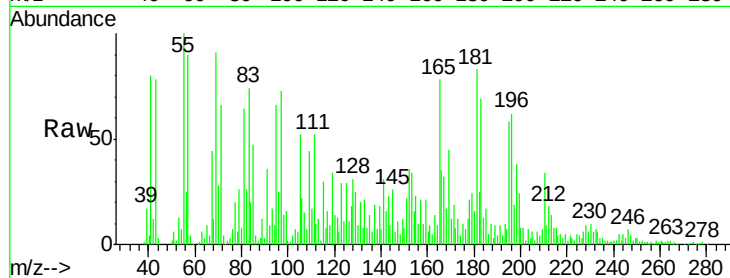
Tot Ion:266 Resp: 6217

Ion Ratio Lower Upper

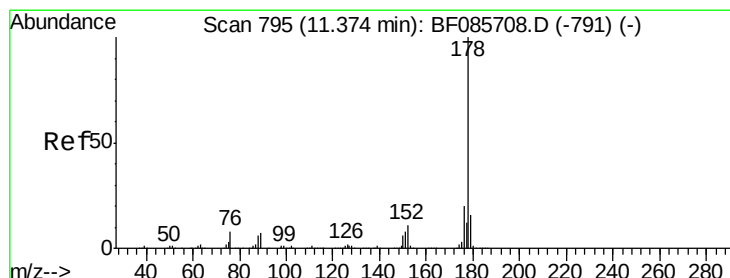
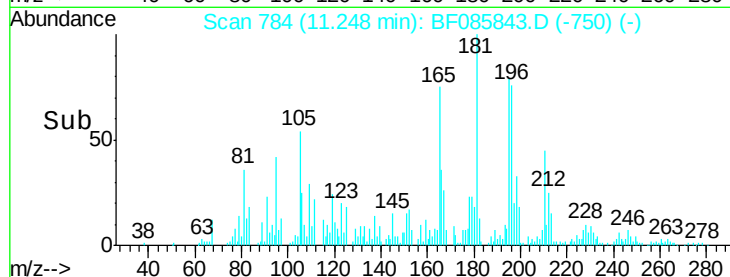
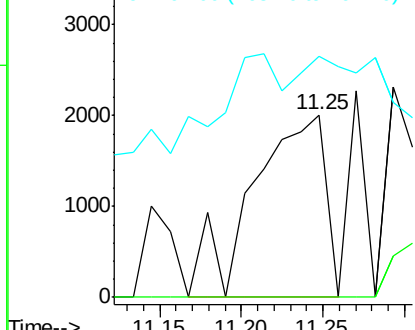
266 100

268 0.0 51.5 77.3#

264 132.2 50.6 76.0#



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



#70

Phenanthrene

Concen: 351.60 ng

RT: 11.44 min Scan# 801

Delta R.T. 0.07 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

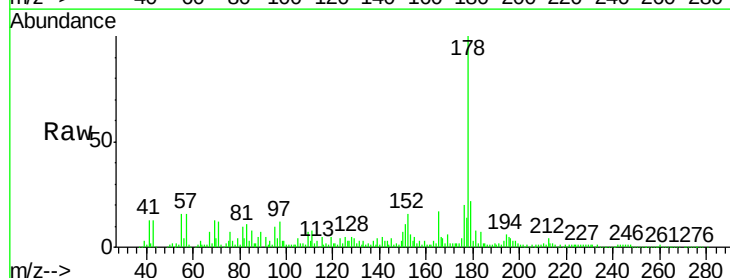
Tgt Ion:178 Resp: 1805102

Ion Ratio Lower Upper

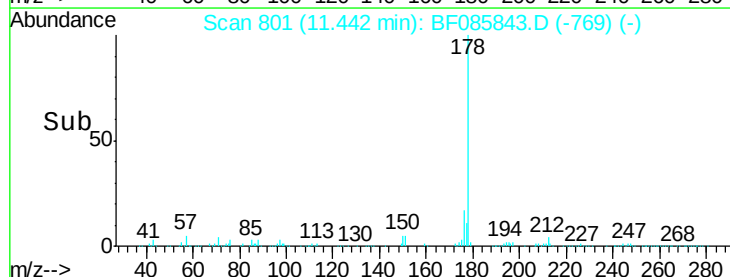
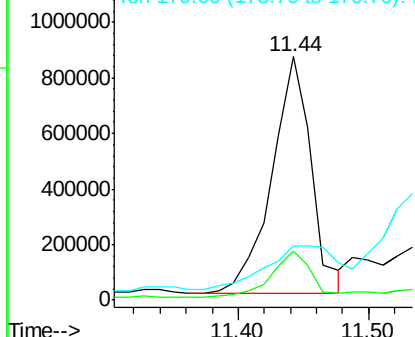
178 100

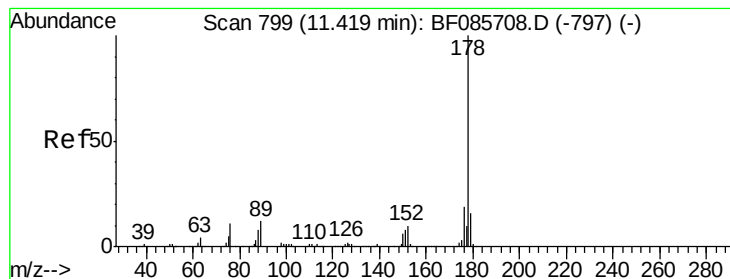
176 20.3 16.3 24.5

179 22.3 12.6 18.8#



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

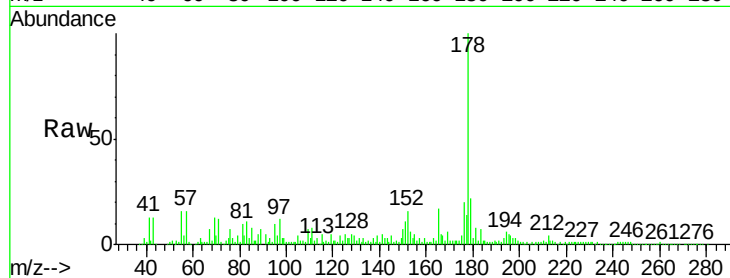




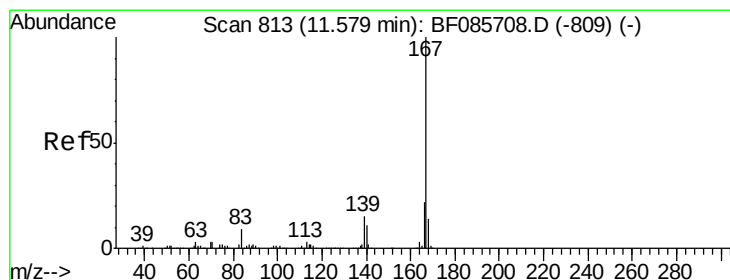
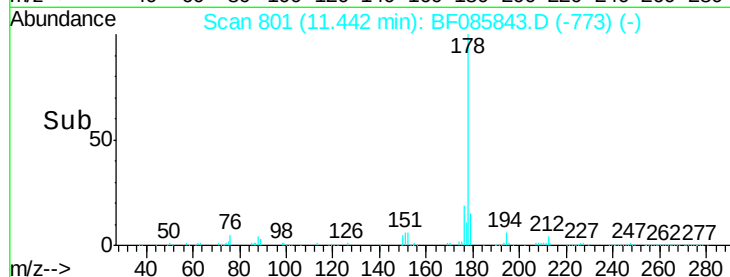
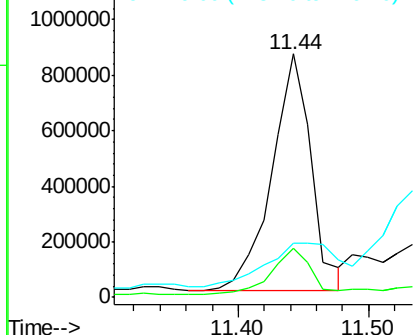
#71
 Anthracene
 Concen: 334.92 ng
 RT: 11.44 min Scan# 801
 Delta R.T. 0.02 min
 Lab File: BF085843.D
 Acq: 29 Mar 2016 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1805102
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 22.3 13.0 19.4#

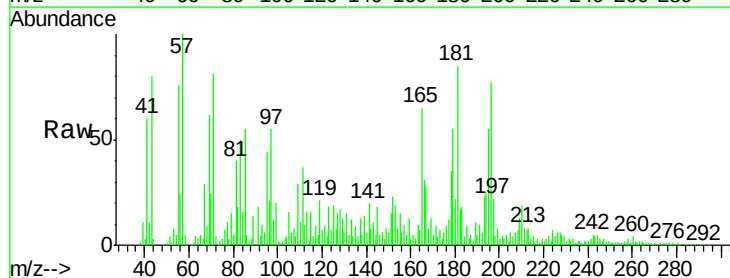


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

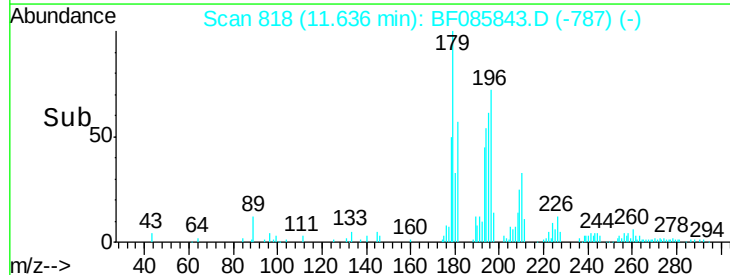
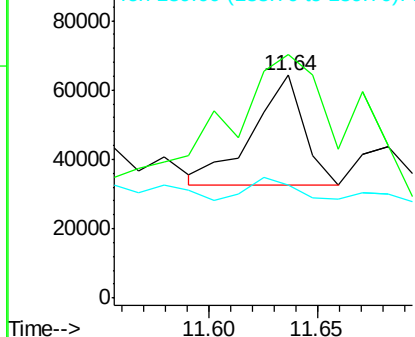


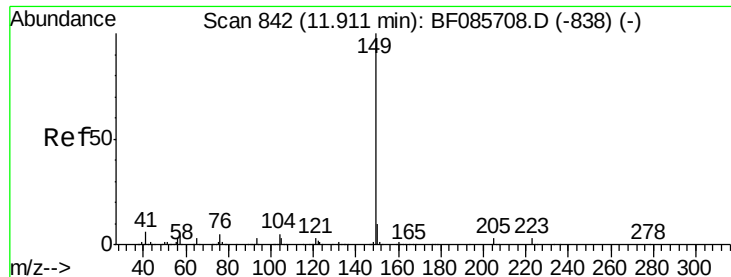
#72
 Carbazole
 Concen: 11.45 ng
 RT: 11.64 min Scan# 818
 Delta R.T. 0.06 min
 Lab File: BF085843.D
 Acq: 29 Mar 2016 10:47

Tgt Ion:167 Resp: 51811
 Ion Ratio Lower Upper
 167 100
 166 109.3 17.8 26.8#
 139 50.5 11.6 17.4#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 4.16 ng

RT: 11.97 min Scan# 847

Delta R.T. 0.06 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

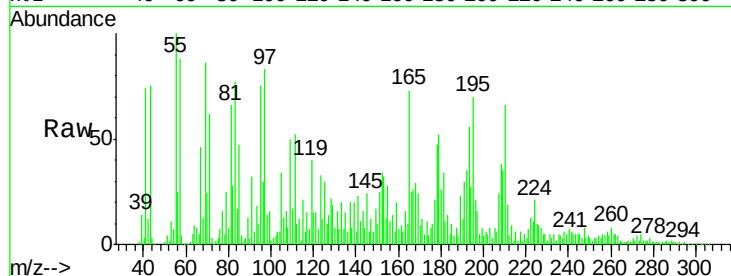
Tot Ion:149 Resp: 25818

Ion Ratio Lower Upper

149 100

150 56.1 7.6 11.4#

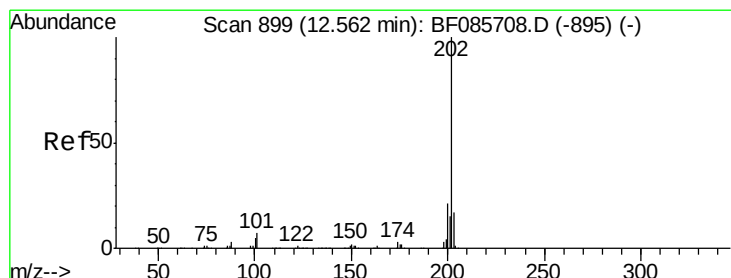
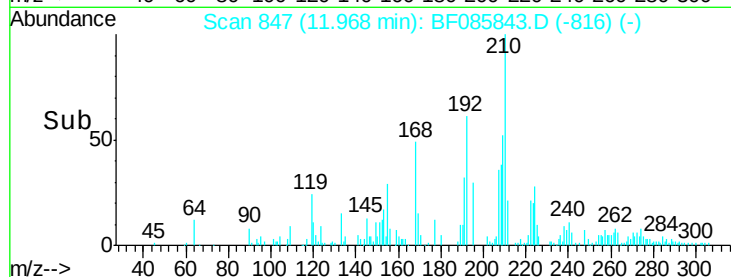
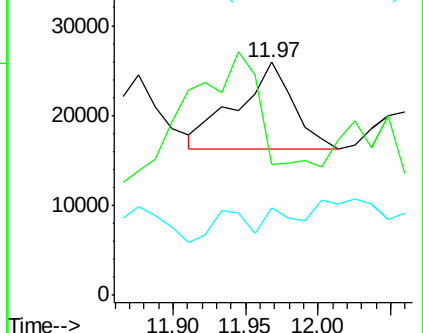
104 37.4 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 111.25 ng

RT: 12.83 min Scan# 922

Delta R.T. 0.26 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

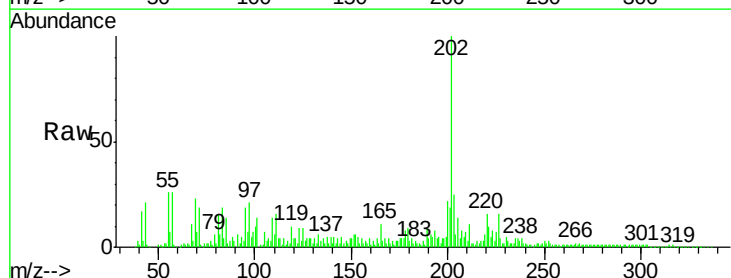
Tgt Ion:202 Resp: 607108

Ion Ratio Lower Upper

202 100

101 13.9 0.0 36.6

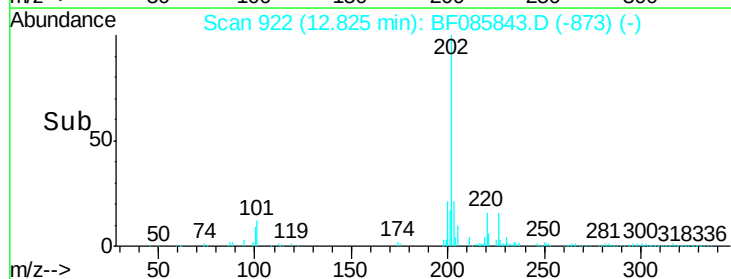
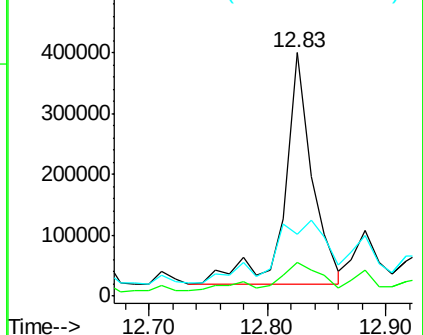
203 25.2 0.0 38.1

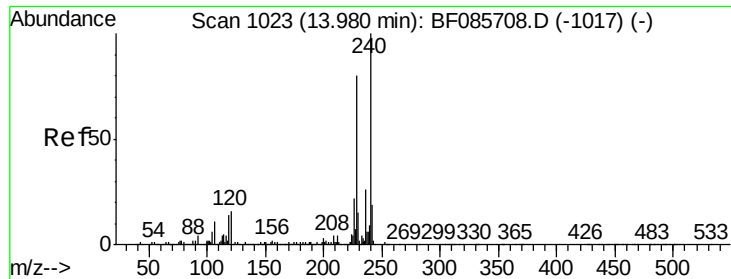


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF085843.D

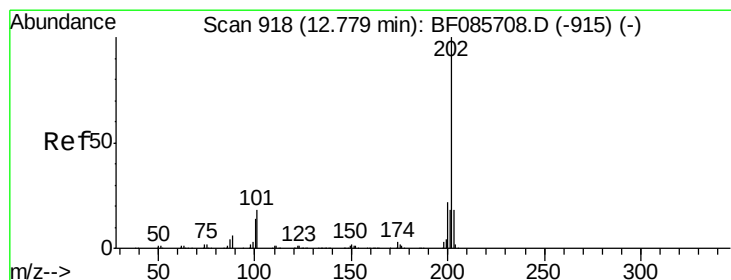
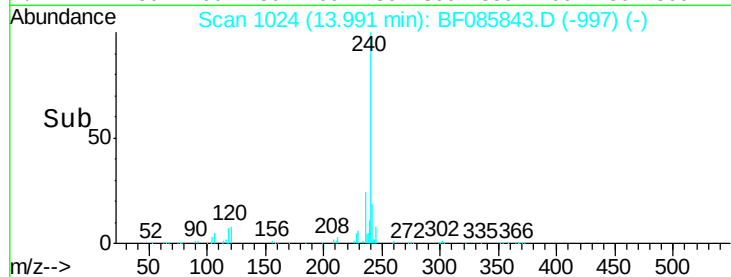
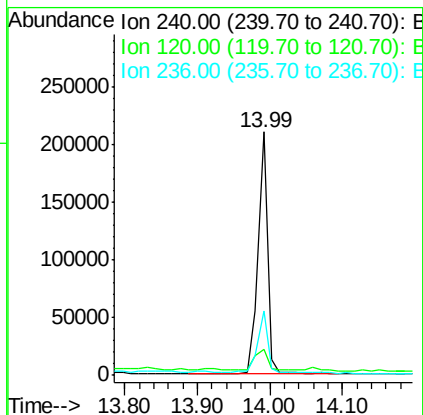
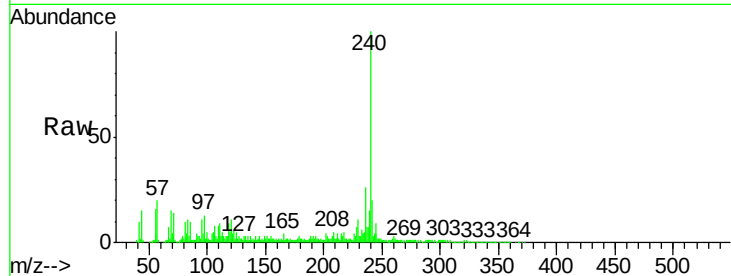
Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	193777
Ion Ratio	Lower	Upper
240	100	
120	10.8	13.8 20.8#
236	26.3	20.6 30.8



#77

Pyrene

Concen: 38.11 ng

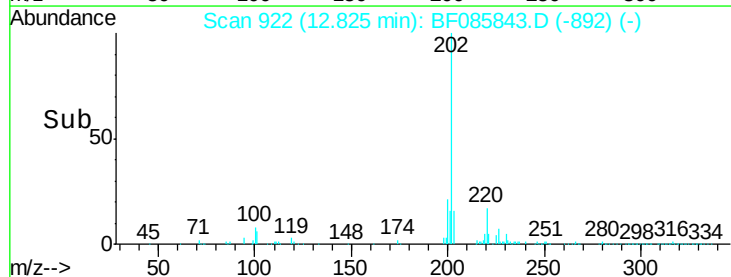
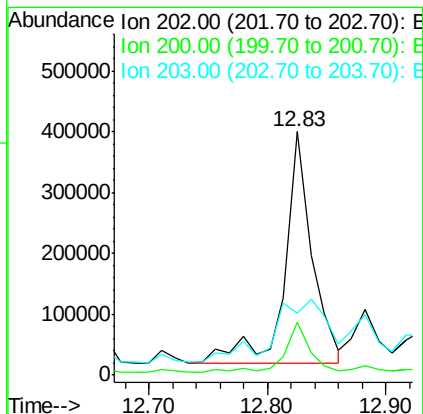
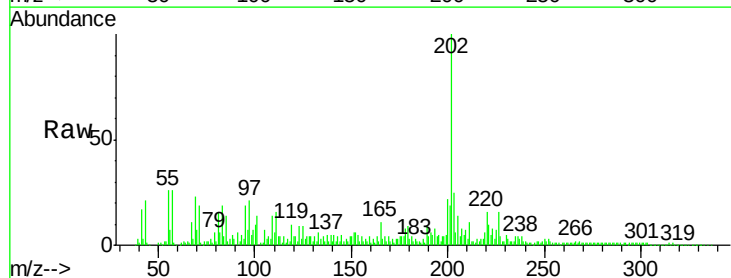
RT: 12.83 min Scan# 922

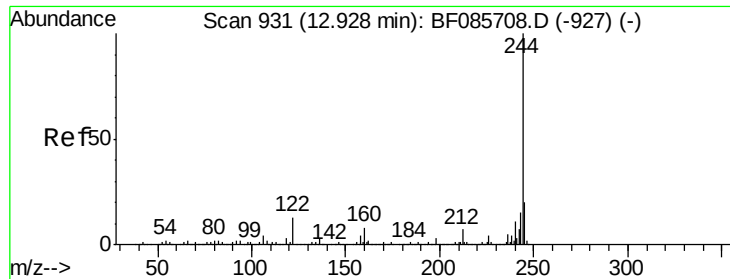
Delta R.T. 0.05 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Tgt Ion:202	Resp:	607108
Ion Ratio	Lower	Upper
202	100	
200	21.6	17.6 26.4
203	25.2	14.0 21.0#





#78

Terphenyl-d14

Concen: 43.69 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.03 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

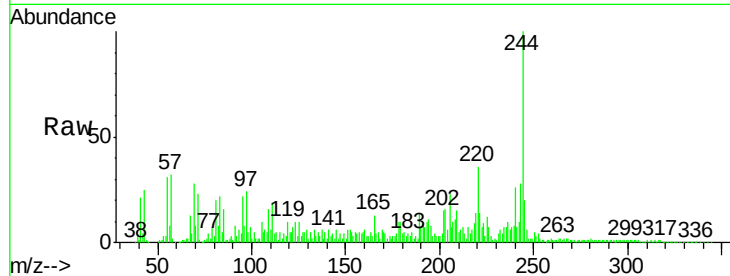
Tot Ion:244 Resp: 411650

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

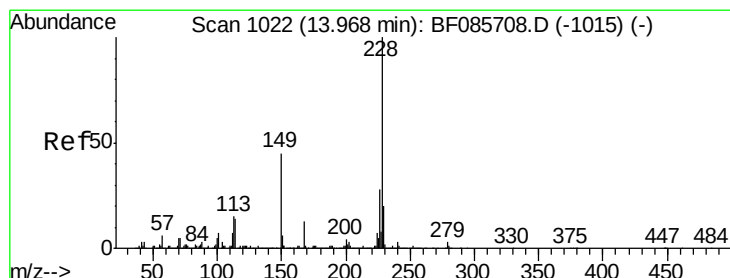
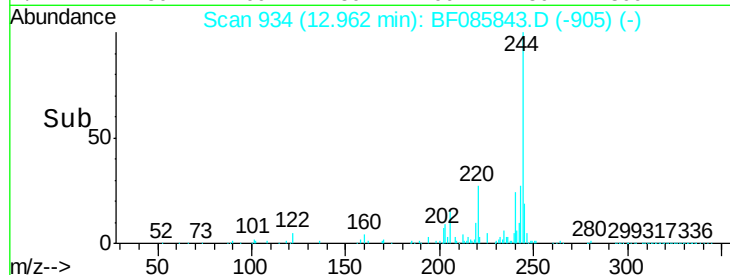
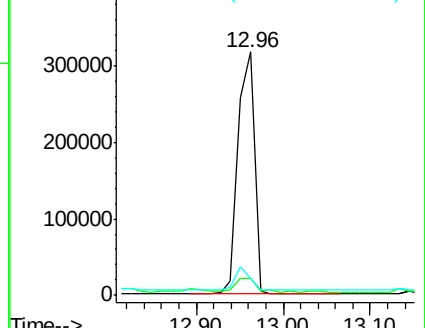
122 7.2 10.2 15.4#



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: 8.02 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.05 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

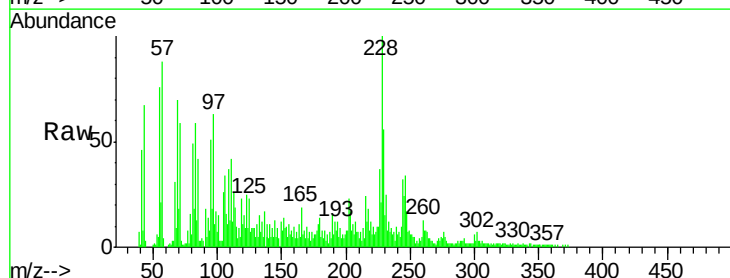
Tgt Ion:228 Resp: 88647

Ion Ratio Lower Upper

228 100

226 36.7 22.1 33.1#

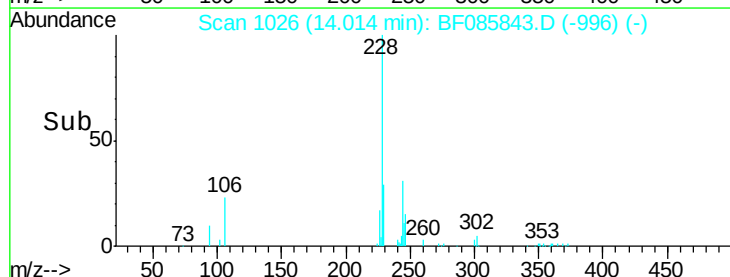
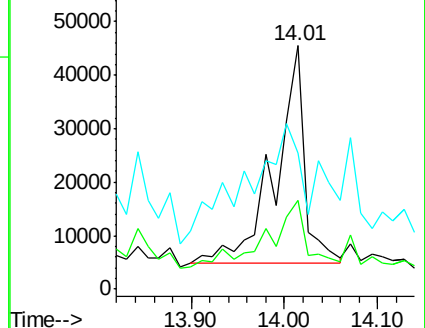
229 56.0 16.2 24.4#

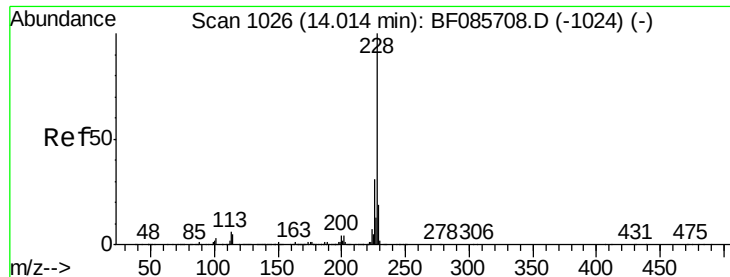


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 7.96 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

Instrument :

BNA_F

ClientSampleId :

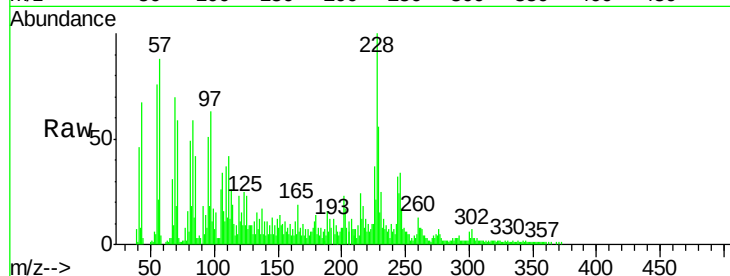
Tot Ion:228 Resp: 88647

Ion Ratio Lower Upper

228 100

226 36.7 25.0 37.6

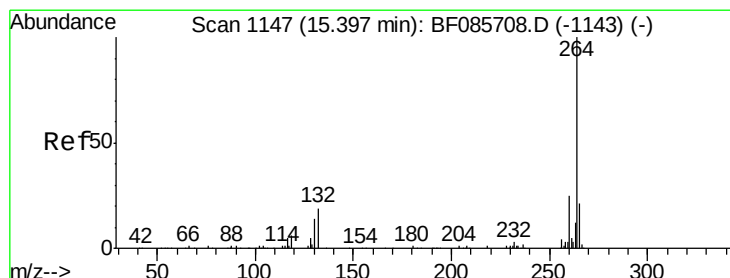
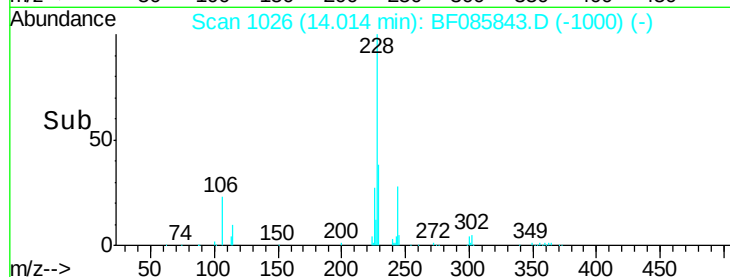
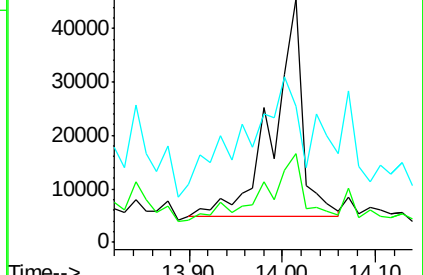
229 56.0 15.7 23.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF085843.D

Acq: 29 Mar 2016 10:47

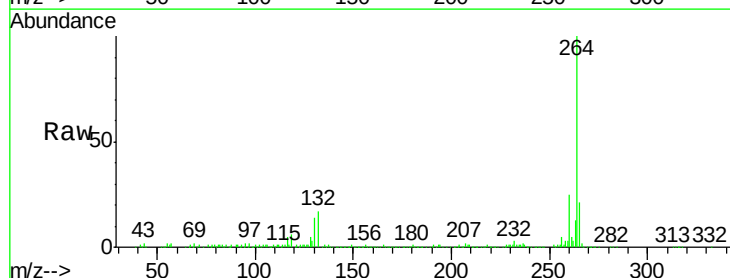
Tgt Ion:264 Resp: 207769

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.3 17.2 25.8



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

