

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
 Data File : BF085844.D
 Acq On : 29 Mar 2016 11:15
 Operator : UM/SJ
 Sample : H1834-05DL 2X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 12:54:06 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	6.81	152	108356	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	344455	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	150571	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	253924	20.00	ng	0.00
75) Chrysene-d12	13.98	240	200638	20.00	ng	0.00
86) Perylene-d12	15.39	264	215202	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	431697	66.35	ng	0.00
7) Phenol-d6	6.45	99	518234	62.65	ng	-0.01
23) Nitrobenzene-d5	7.38	82	352917	57.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	99394	69.48	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	489247	54.29	ng	0.00
78) Terphenyl-d14	12.93	244	308752	31.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.97	79	12907	2.34	ng	# 43
18) Hexachloroethane	7.32	117	61205	20.25	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	20942	4.23	ng	# 65
22) Acetophenone	7.29	105	66442	8.28	ng	# 55
24) Nitrobenzene	7.36	77	71078	11.27	ng	# 28
25) Isophorone	7.62	82	43964	3.73	ng	# 1
26) 2-Nitrophenol	7.73	139	6972	2.21	ng	# 1
28) bis(2-Chloroethoxy)methane	7.86	93	23670	3.53	ng	# 1
29) 2,4-Dichlorophenol	7.94	162	11644	2.51	ng	# 25
31) Naphthalene	8.13	128	817103	47.08	ng	# 94
33) 4-Chloroaniline	8.13	127	163072	23.01	ng	# 41
35) Caprolactam	8.54	113	79255	48.27	ng	# 41
36) 4-Chloro-3-methylphenol	8.64	107	11153	2.06	ng	# 43
37) 2-Methylnaphthalene	8.84	142	1727573	Below	Cal	96
45) 1,1'-Biphenyl	9.29	154	210297	16.55	ng	# 93
47) 2-Nitroaniline	9.38	65	13189	4.62	ng	# 42
48) Acenaphthylene	9.73	152	56259	3.70	ng	# 1
49) Dimethylphthalate	9.59	163	86460	7.57	ng	# 78
50) 2,6-Dinitrotoluene	9.64	165	5393	2.19	ng	# 75
51) Acenaphthene	9.90	154	114281	12.29	ng	# 86
52) 3-Nitroaniline	9.82	138	6854	2.44	ng	# 45
53) 2,4-Dinitrophenol	9.91	184	547	6.44	ng	# 1
54) Dibenzofuran	10.07	168	75580	6.28	ng	# 1
55) 4-Nitrophenol	9.98	139	94025	51.28	ng	# 49
56) 2,4-Dinitrotoluene	10.08	165	40361	12.91	ng	# 66
57) Fluorene	10.41	166	205928	20.58	ng	# 75
60) 4-Chlorophenyl-phenylether	10.36	204	13088	2.68	ng	# 1
62) Azobenzene	10.58	77	46173	4.26	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	4114	2.77	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	428990	53.34	ng	# 49
68) Atrazine	11.05	200	13771	5.07	ng	# 44
69) Pentachlorophenol	11.19	266	3293	2.47	ng	# 17
70) Phenanthrene	11.38	178	818559	62.78	ng	# 97
71) Anthracene	11.38	178	818559	59.80	ng	# 98

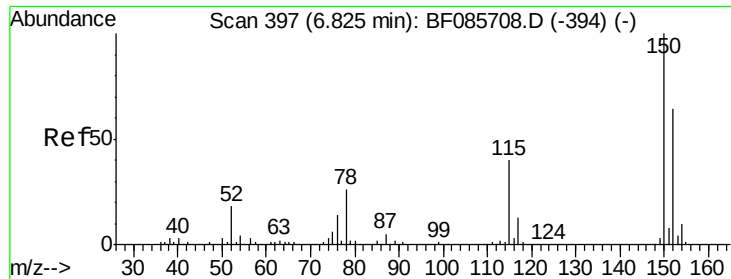
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
Data File : BF085844.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.79	202	107783	6.54	nq	# 93

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

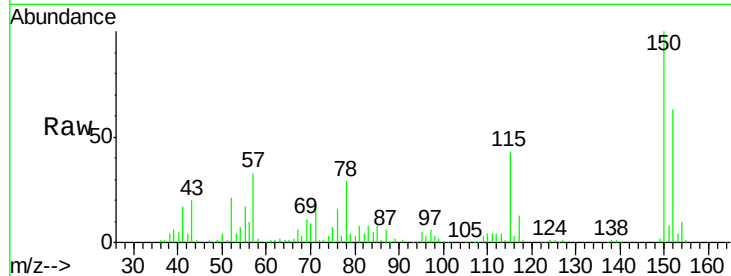


#1

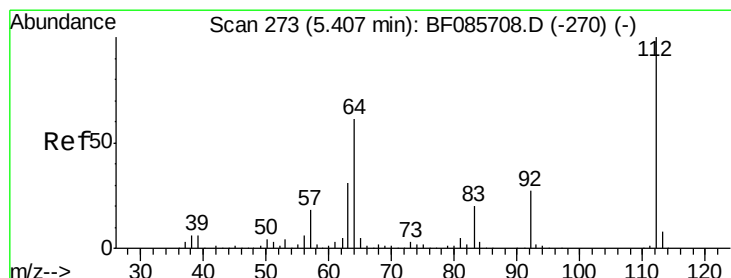
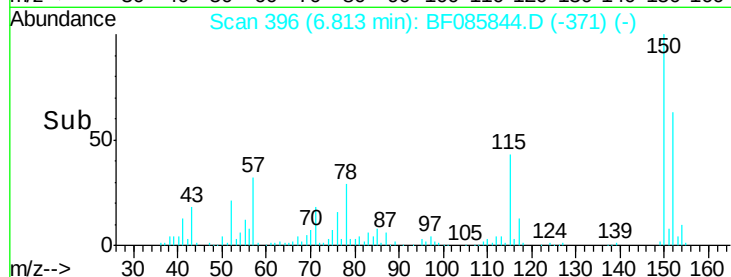
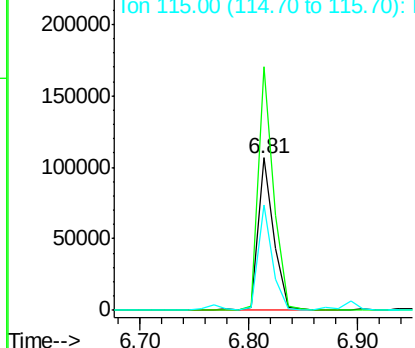
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108356
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.2
115 69.5 47.0 70.6



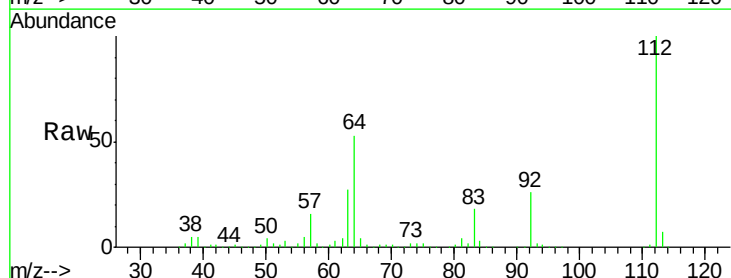
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



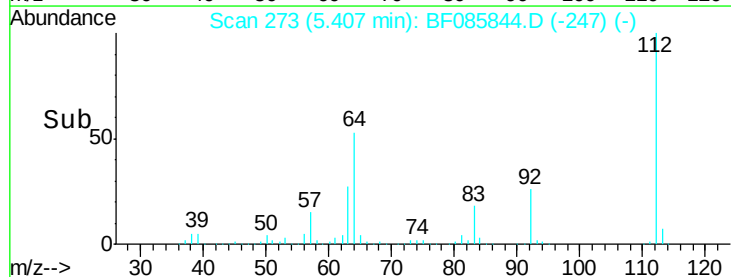
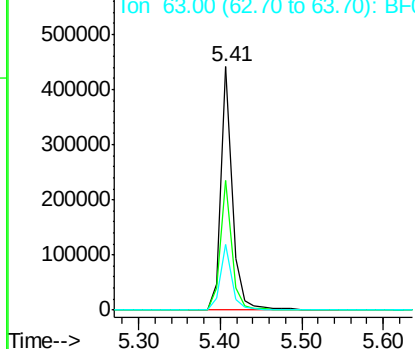
#5

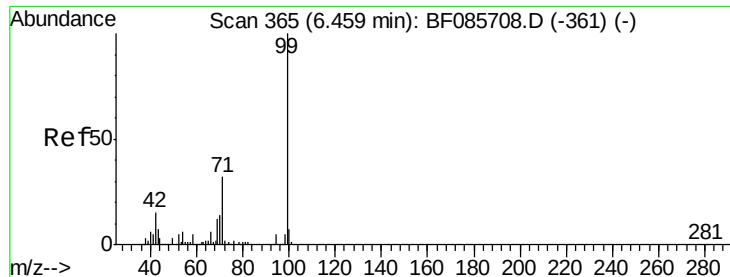
2-Fluorophenol
Concen: 66.35 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Tgt Ion:112 Resp: 431697
Ion Ratio Lower Upper
112 100
64 53.4 39.9 59.9
63 27.0 20.2 30.2



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: 62.65 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

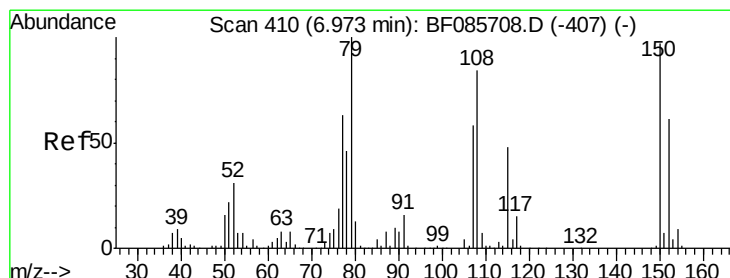
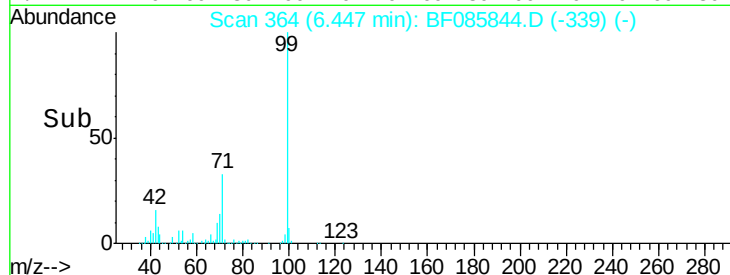
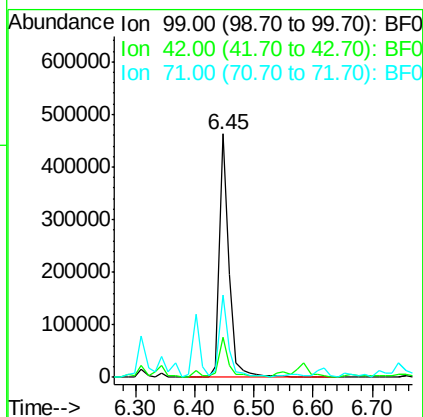
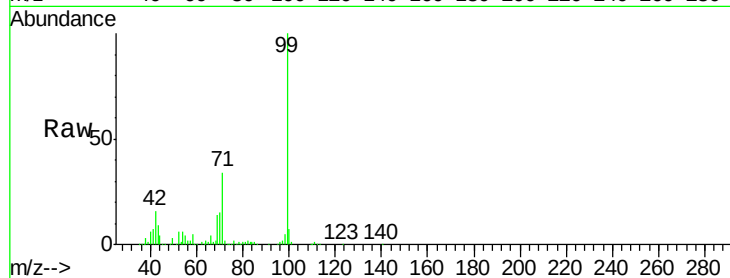
Tot Ion: 99 Resp: 518234

Ion Ratio Lower Upper

99 100

42 16.3 11.1 16.7

71 33.8 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

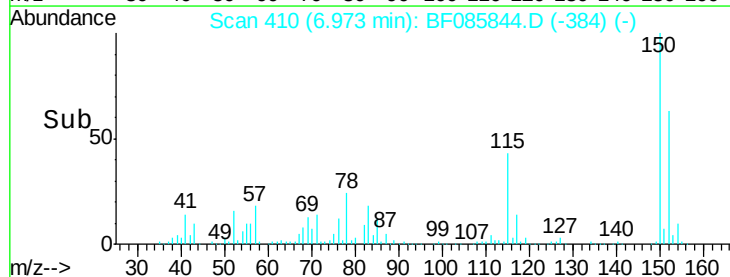
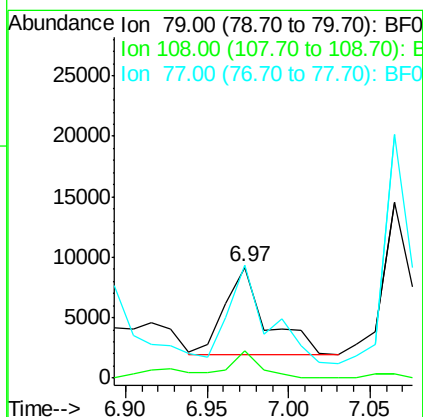
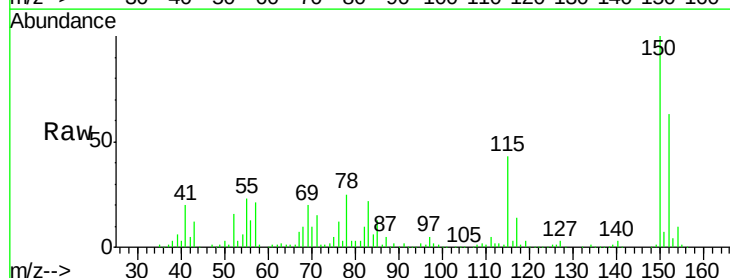
Tgt Ion: 79 Resp: 12907

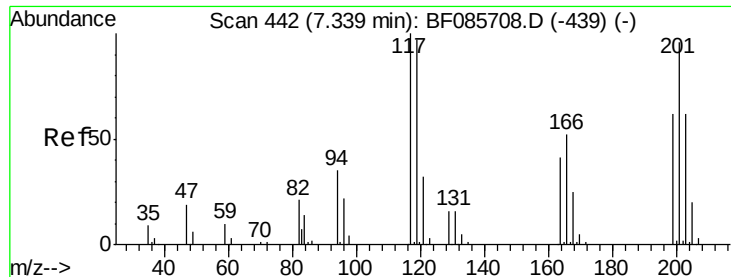
Ion Ratio Lower Upper

79 100

108 24.0 61.8 92.6#

77 101.5 49.6 74.4#

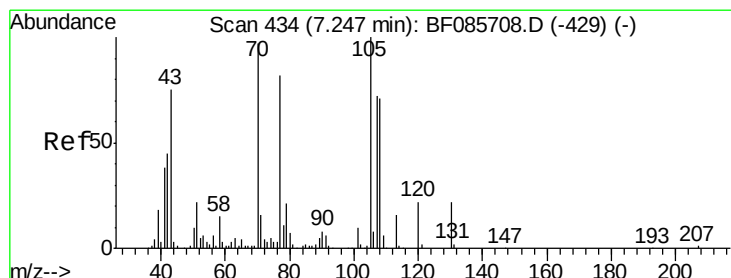
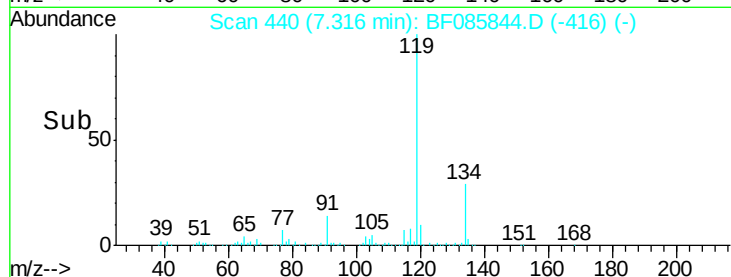
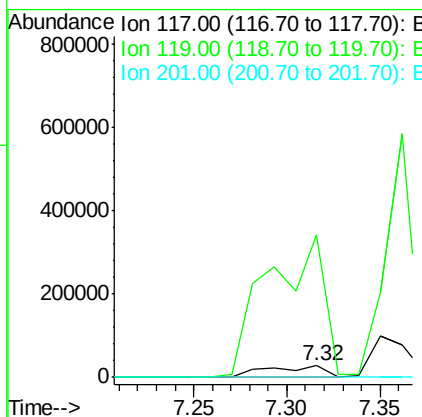
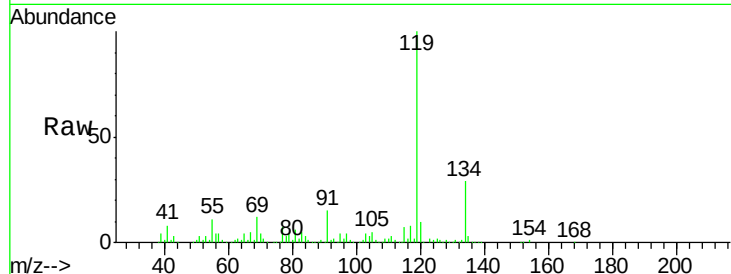




#18
Hexachloroethane
Concen: 20.25 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

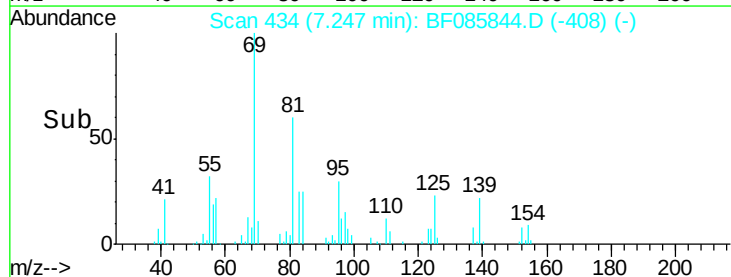
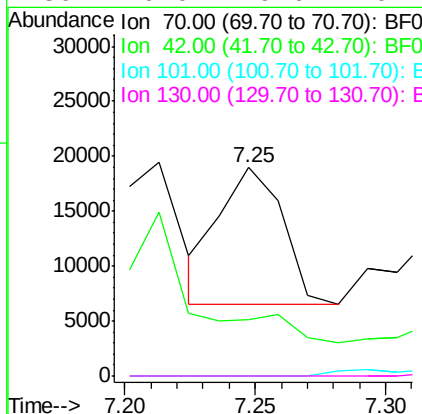
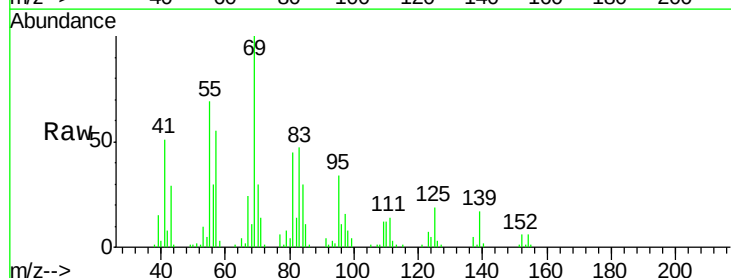
Instrument :
BNA_F
ClientSampleId :

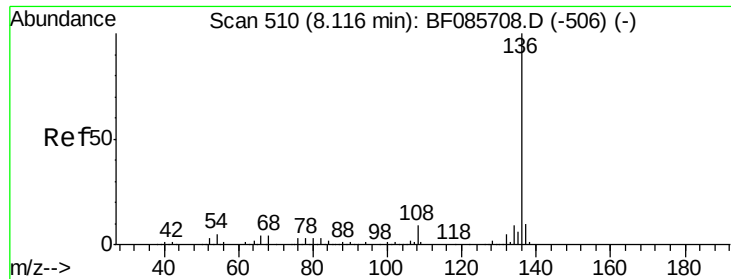
Tot Ion:117 Resp: 61205
Ion Ratio Lower Upper
117 100
119 1244.6 76.7 115.1#
201 0.0 83.3 124.9#



#19
n-Nitroso-di-n-propylamine
Concen: 4.23 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Tgt Ion: 70 Resp: 20942
Ion Ratio Lower Upper
70 100
42 27.2 37.1 55.7#
101 0.0 8.6 12.8#
130 0.0 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085844.D

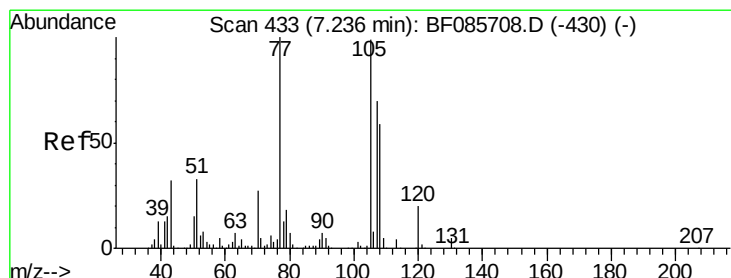
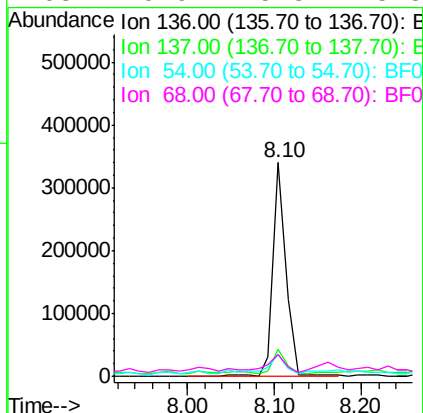
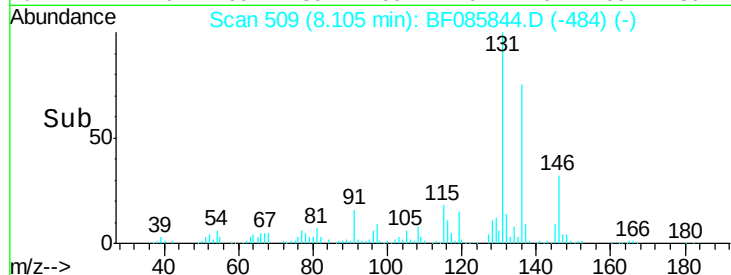
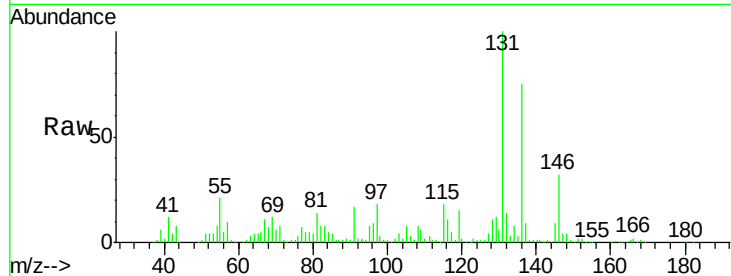
Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	344455
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.1 13.7
54	10.2	7.4 11.0
68	9.9	5.8 8.8#



#22

Acetophenone

Concen: 8.28 ng

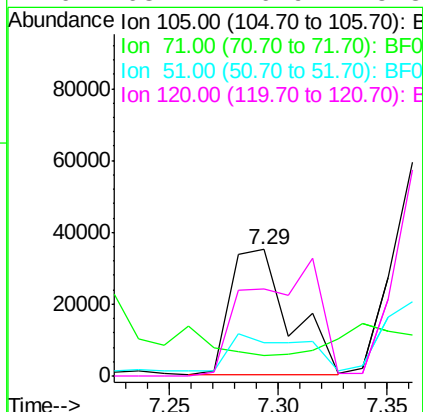
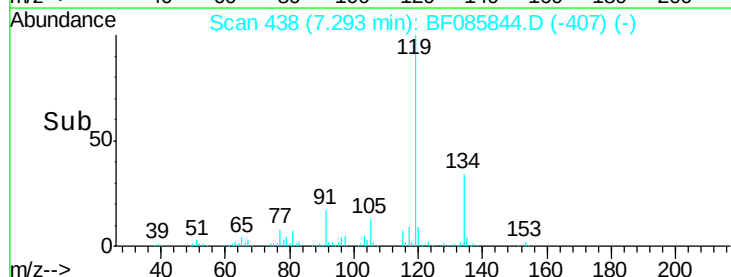
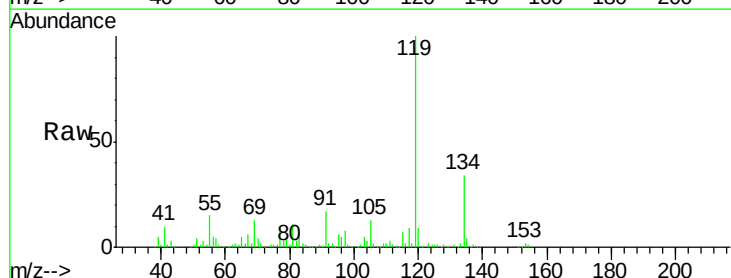
RT: 7.29 min Scan# 438

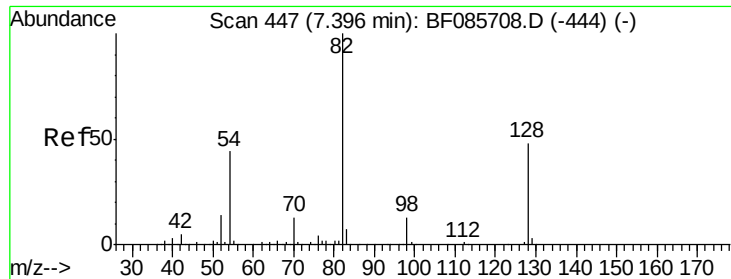
Delta R.T. 0.06 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Tgt Ion:105	Resp:	66442
Ion Ratio	Lower	Upper
105	100	
71	16.0	3.6 5.4#
51	26.6	25.4 38.0
120	68.7	16.9 25.3#

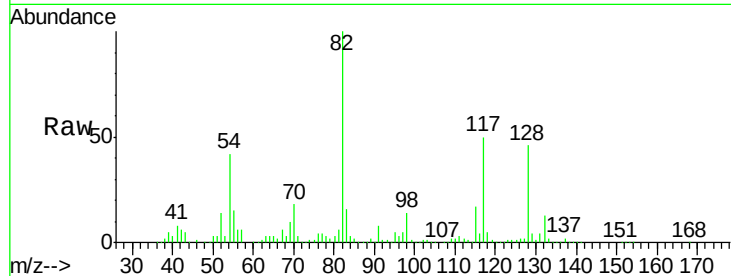




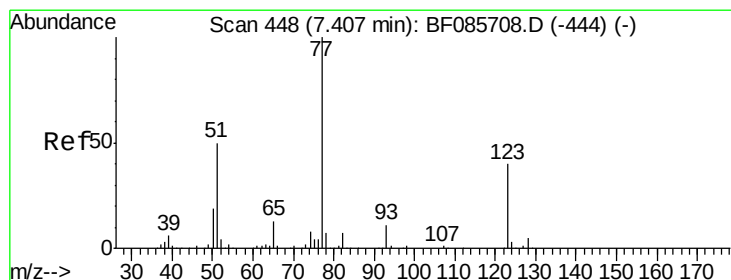
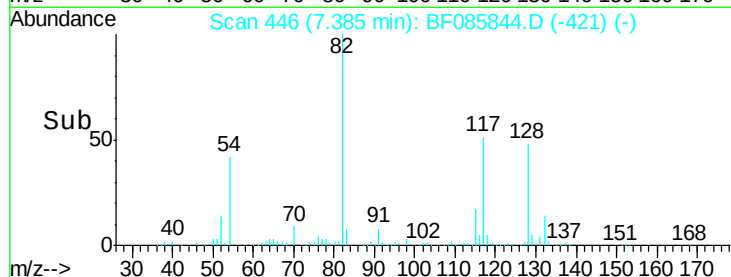
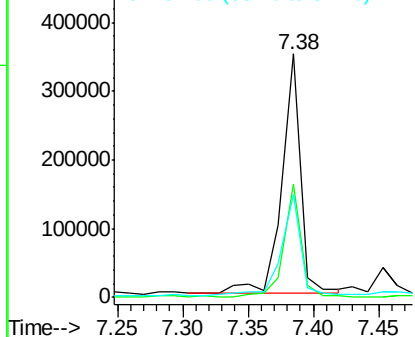
#23
 Nitrobenzene-d5
 Concen: 57.70 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085844.D
 Acq: 29 Mar 2016 11:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	352917
Ion	Ratio	Lower	Upper
82	100		
128	46.5	41.8	62.8
54	42.5	33.4	50.0

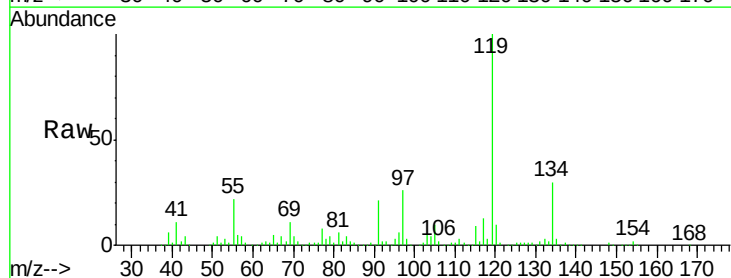


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

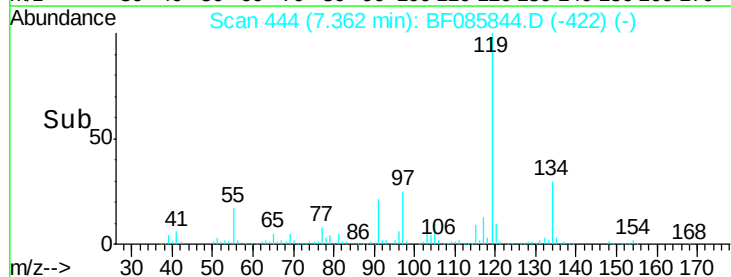
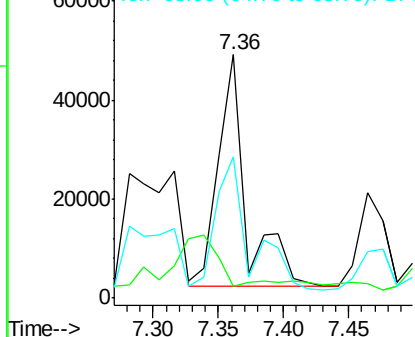


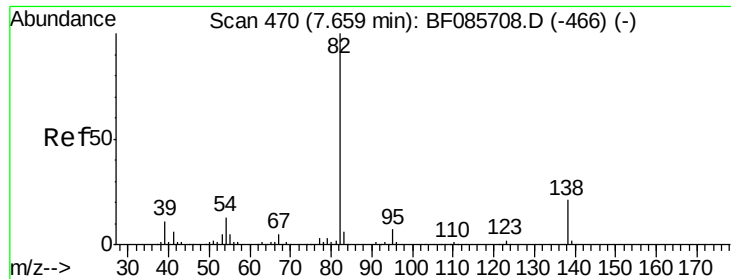
#24
 Nitrobenzene
 Concen: 11.27 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.05 min
 Lab File: BF085844.D
 Acq: 29 Mar 2016 11:15

Tgt Ion	77	Resp	71078
Ion	Ratio	Lower	Upper
77	100		
123	5.1	35.0	52.4#
65	57.9	10.6	16.0#



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





#25

Isophorone

Concen: 3.73 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :
BNA_F
ClientSampled :

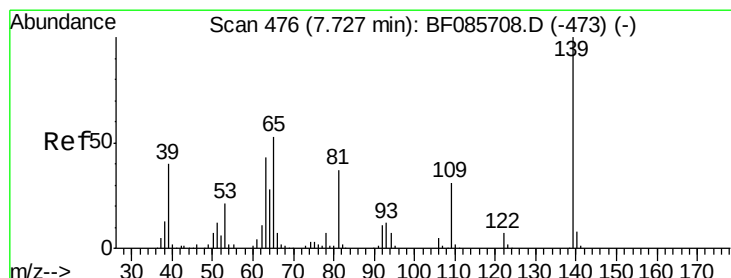
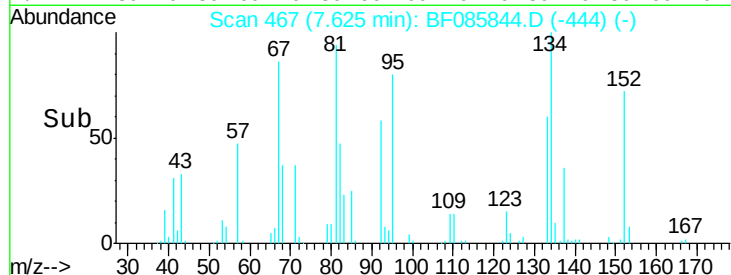
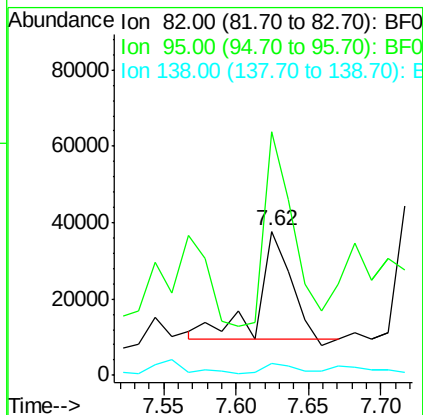
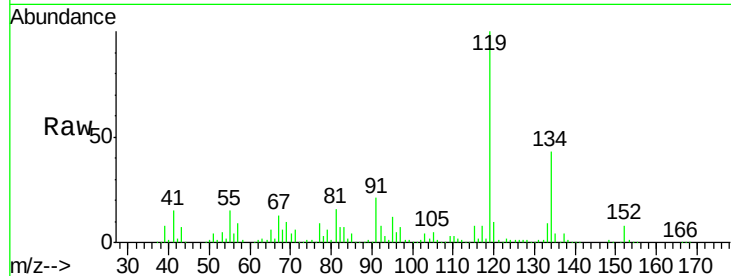
Tot Ion: 82 Resp: 43964

Ion Ratio Lower Upper

82 100

95 168.9 5.4 8.2#

138 8.2 12.9 19.3#



#26

2-Nitrophenol

Concen: 2.21 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

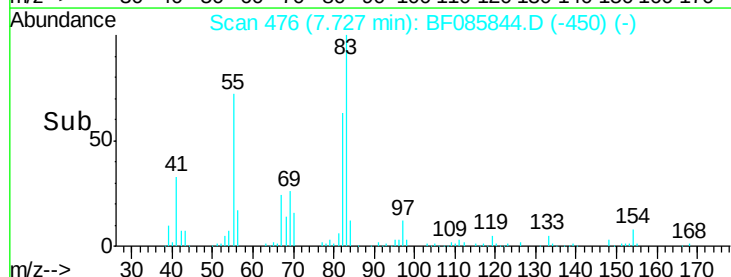
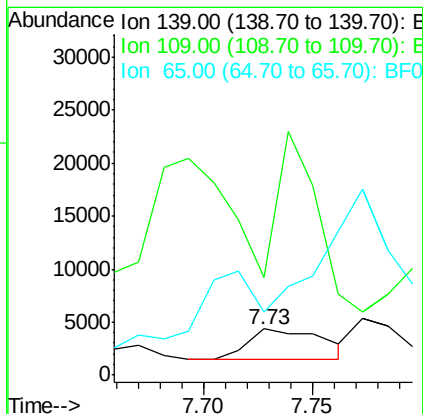
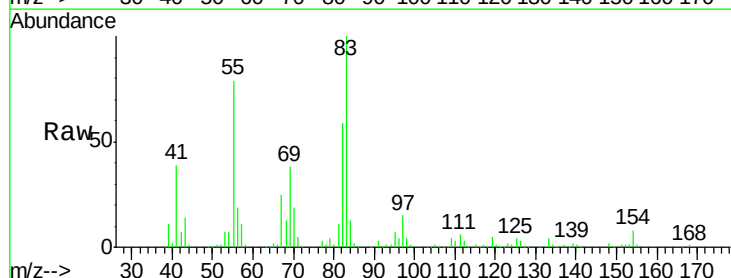
Tgt Ion: 139 Resp: 6972

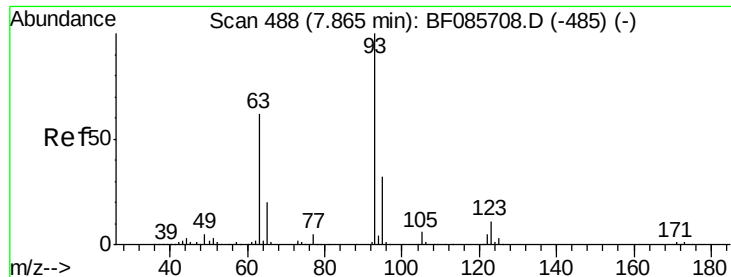
Ion Ratio Lower Upper

139 100

109 212.2 22.1 33.1#

65 137.8 33.9 50.9#





#28

bis(2-Chloroethoxy)methane

Concen: 3.53 ng

RT: 7.86 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampled :

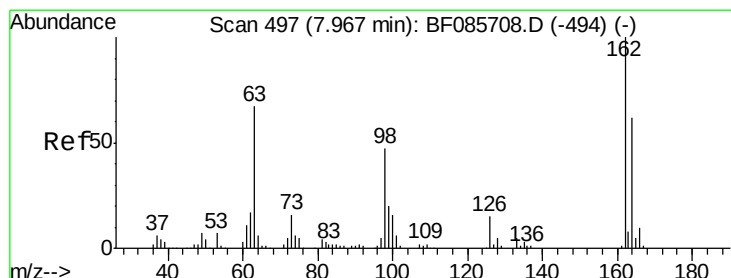
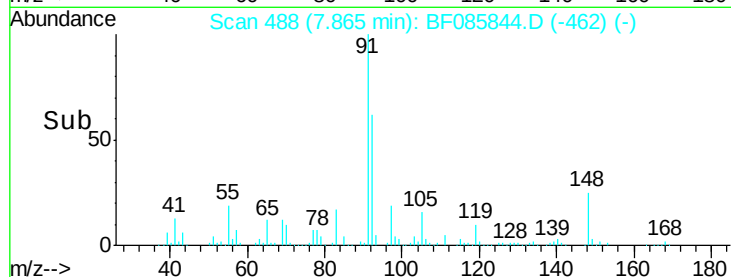
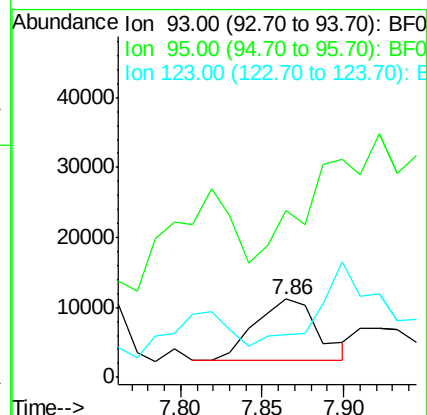
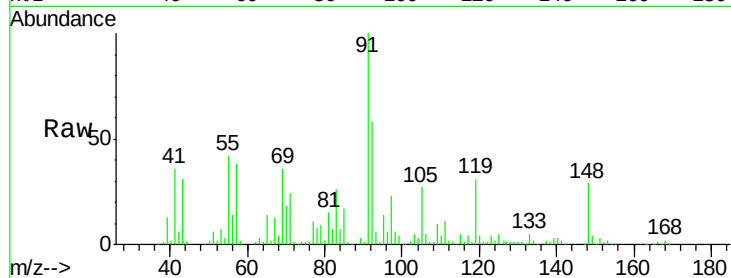
Tot Ion: 93 Resp: 23670

Ion Ratio Lower Upper

93 100

95 212.7 26.4 39.6#

123 55.1 9.8 14.6#



#29

2,4-Dichlorophenol

Concen: 2.51 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

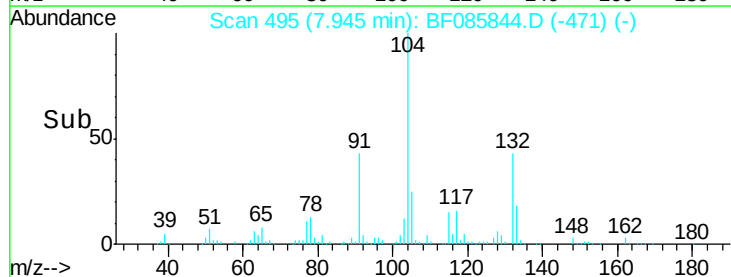
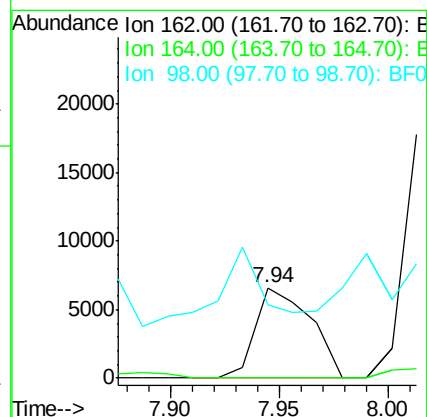
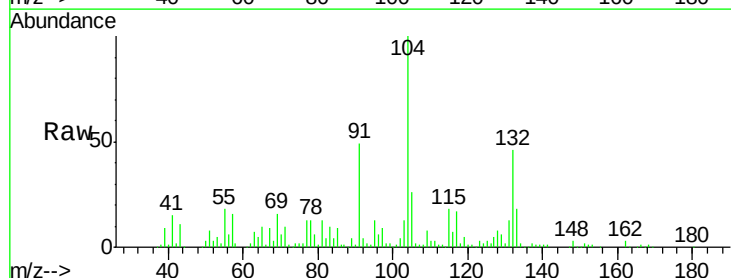
Tgt Ion: 162 Resp: 11644

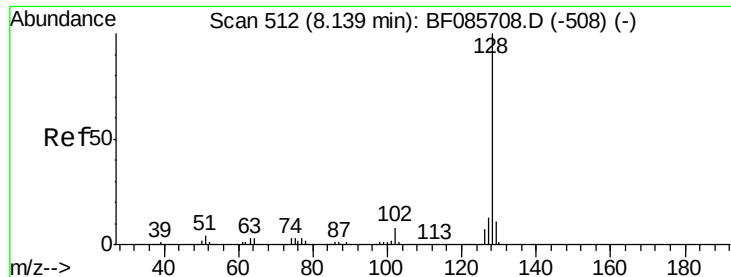
Ion Ratio Lower Upper

162 100

164 0.0 43.7 83.7#

98 80.6 20.4 60.4#





#31

Naphthalene

Concen: 47.08 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

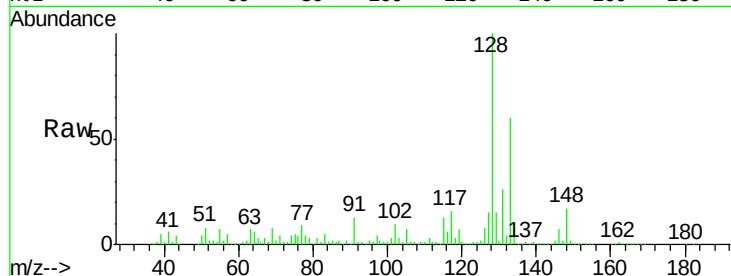
Tot Ion:128 Resp: 817103

Ion Ratio Lower Upper

128 100

129 15.0 9.4 14.0#

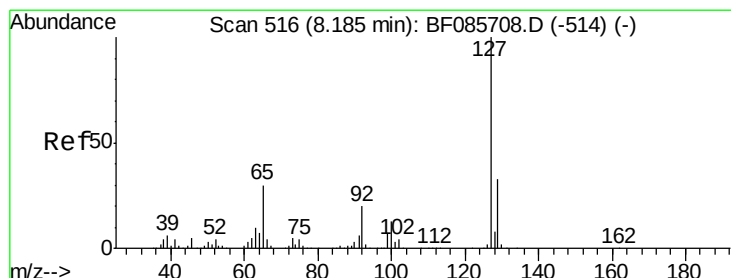
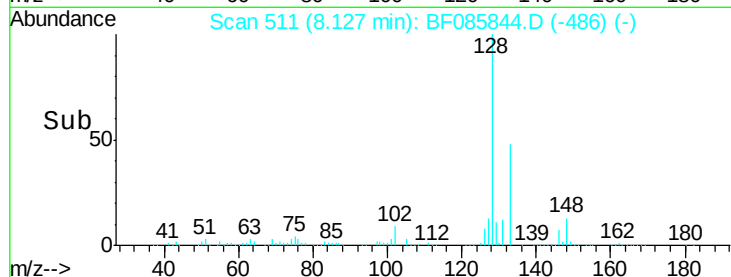
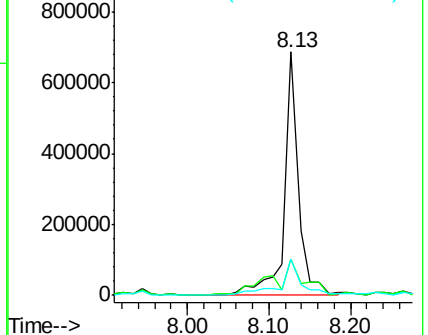
127 15.0 11.0 16.6



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



#33

4-Chloroaniline

Concen: 23.01 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.06 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Tgt Ion:127 Resp: 163072

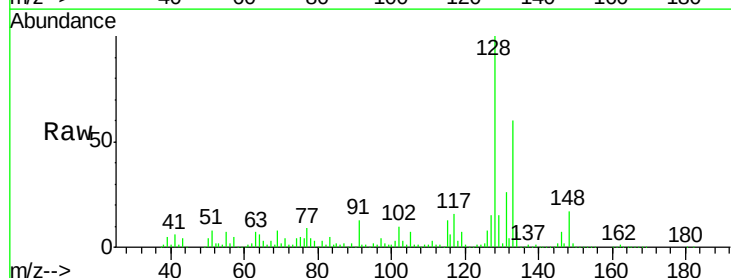
Ion Ratio Lower Upper

127 100

129 100.1 26.1 39.1#

65 21.9 19.5 29.3

92 8.1 14.6 22.0#

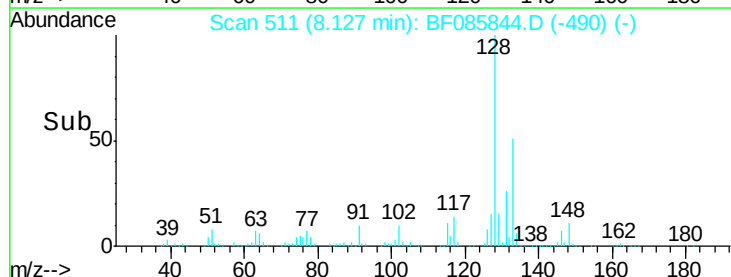
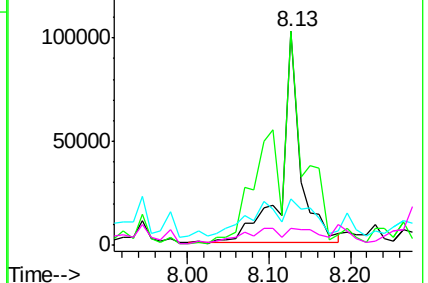


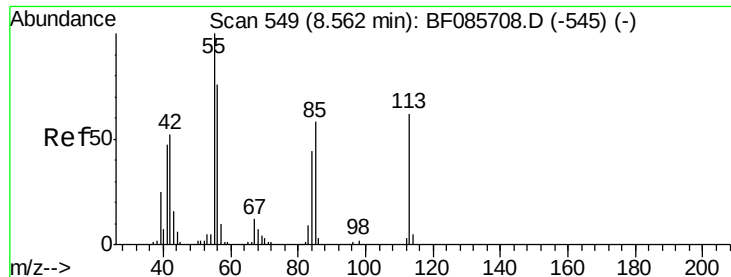
Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.27 ng

RT: 8.54 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

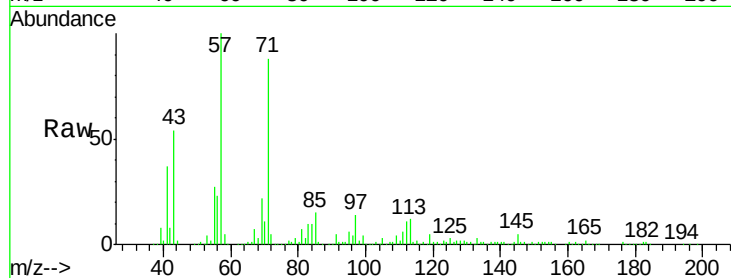
Tot Ion:113 Resp: 79255

Ion Ratio Lower Upper

113 100

55 232.6 139.4 179.4#

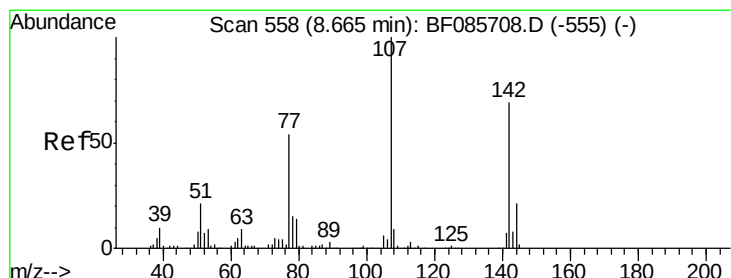
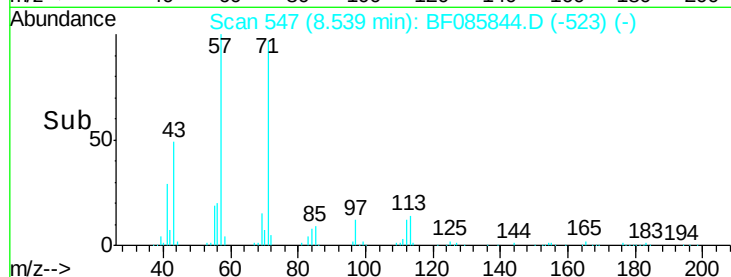
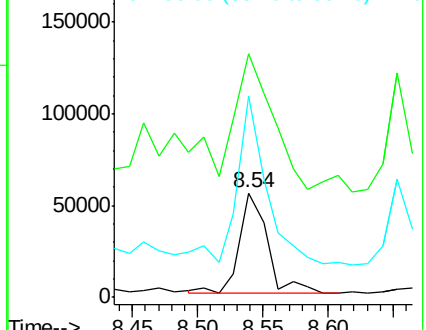
56 191.9 100.4 140.4#



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: 2.06 ng

RT: 8.64 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

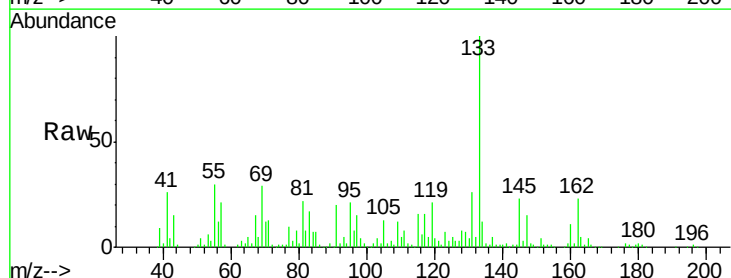
Tgt Ion:107 Resp: 11153

Ion Ratio Lower Upper

107 100

144 19.3 19.3 28.9

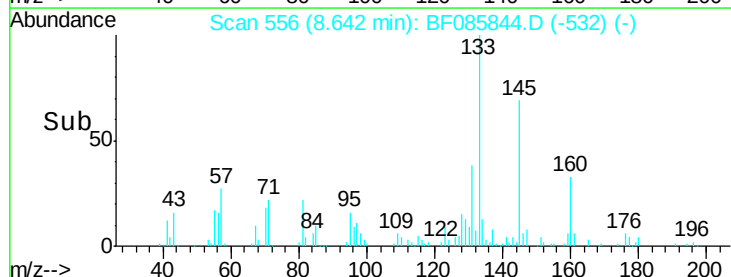
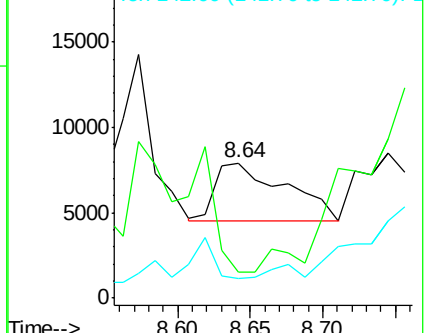
142 14.7 61.4 92.0#

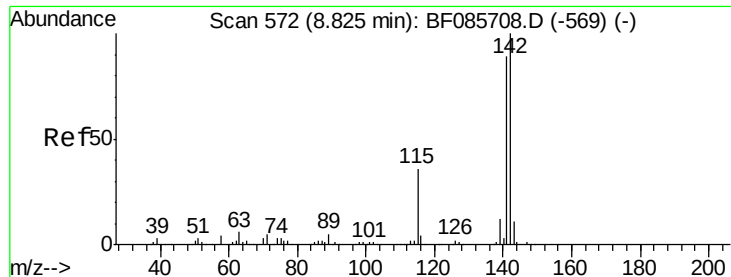


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

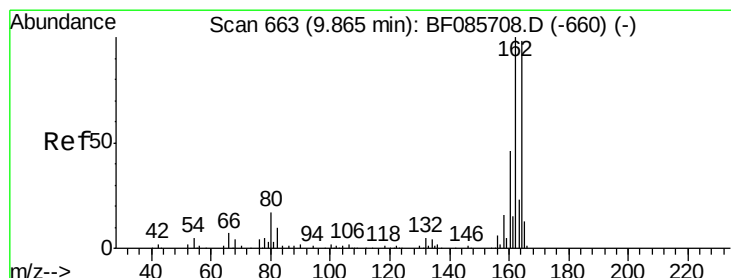
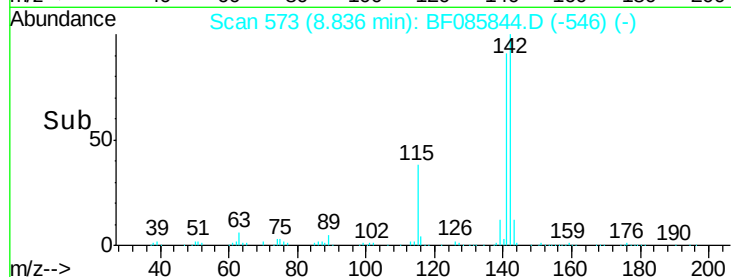
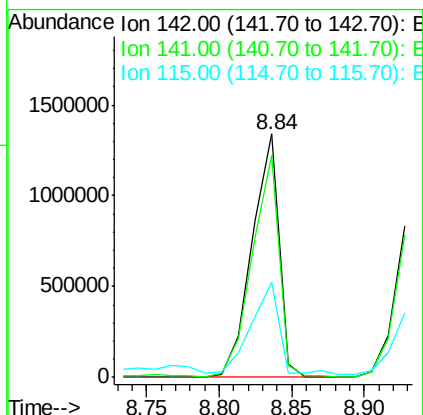
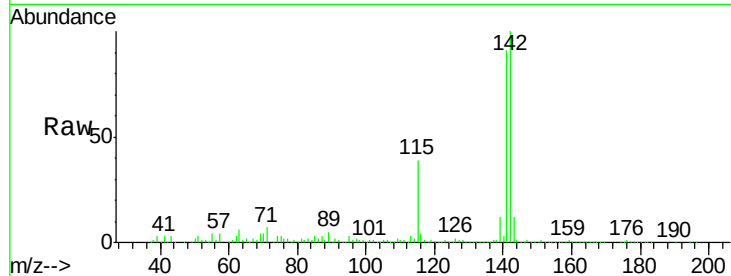




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.84 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

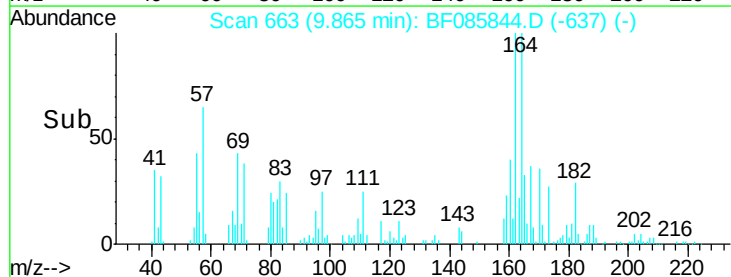
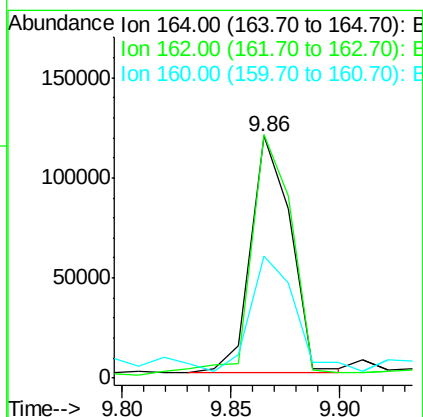
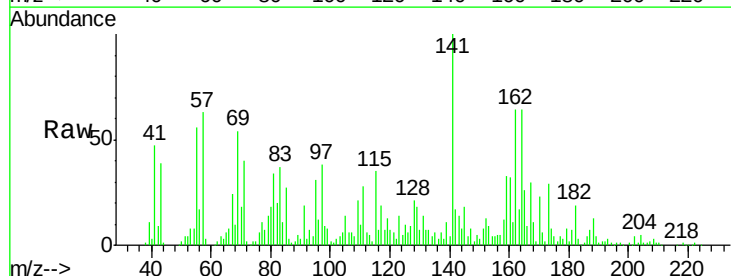
Instrument :
BNA_F
ClientSampleId :

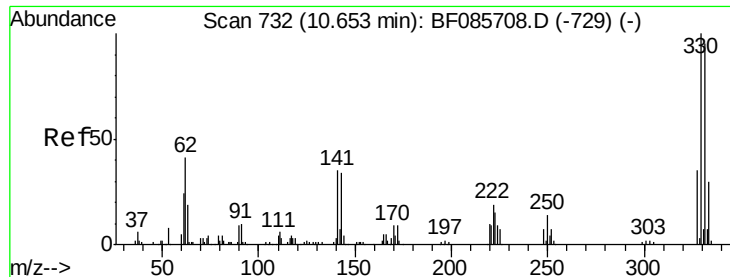
Tot Ion:142 Resp: 1727573
Ion Ratio Lower Upper
142 100
141 90.9 71.6 107.4
115 38.8 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Tgt Ion:164 Resp: 150571
Ion Ratio Lower Upper
164 100
162 100.5 82.1 123.1
160 50.6 37.4 56.2

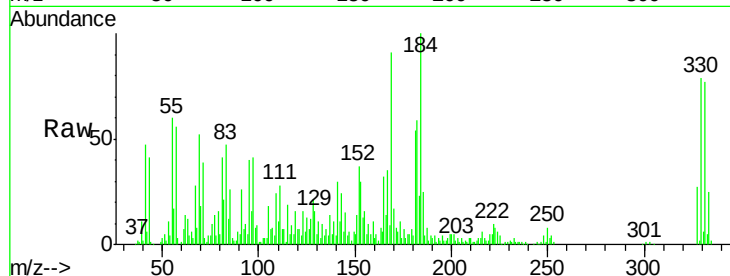




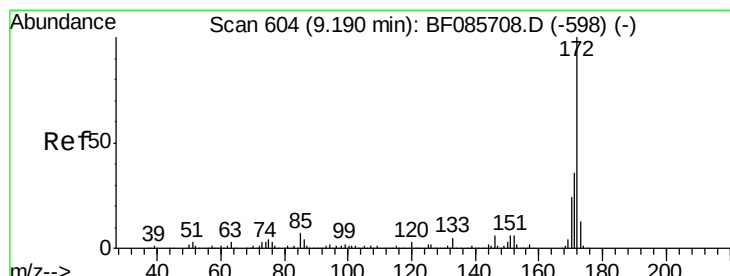
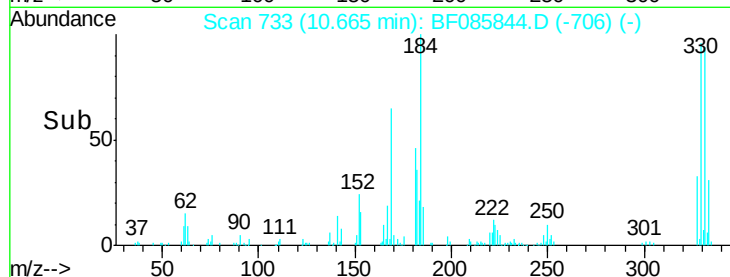
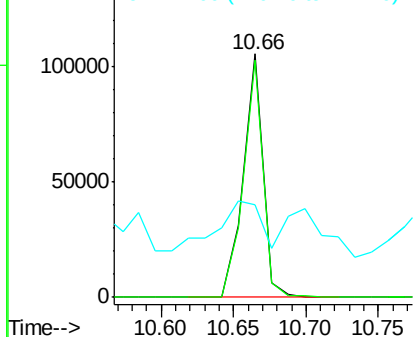
#41
 2,4,6-Tribromophenol
 Concen: 69.48 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085844.D
 Acq: 29 Mar 2016 11:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.2
141	43.6	31.5	47.3

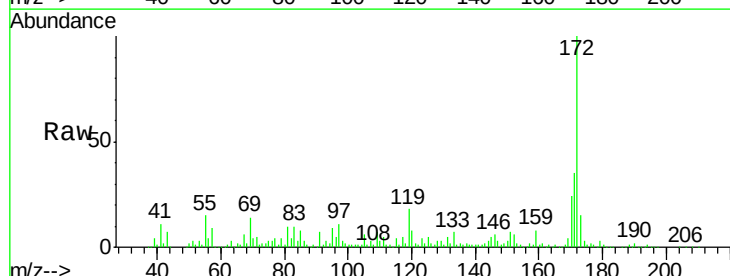


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

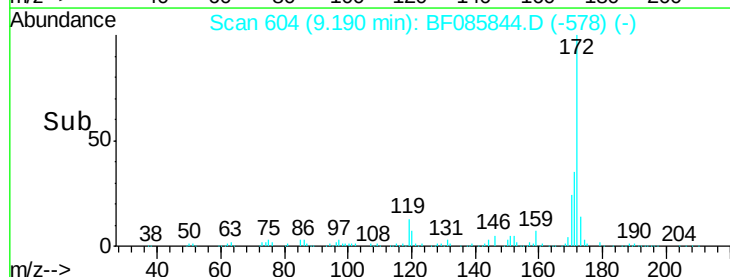
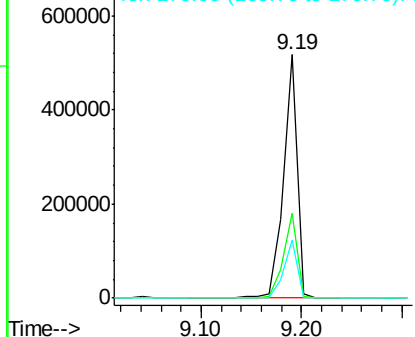


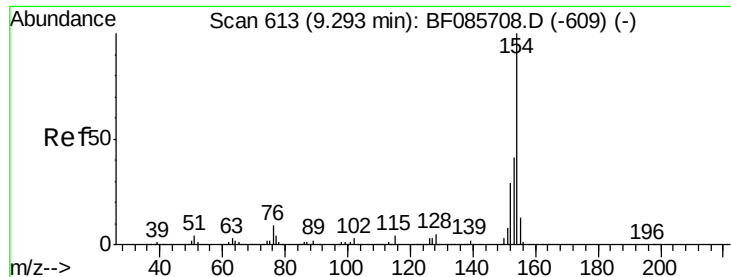
#44
 2-Fluorobiphenyl
 Concen: 54.29 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085844.D
 Acq: 29 Mar 2016 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.2
170	23.6	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: 16.55 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampled :

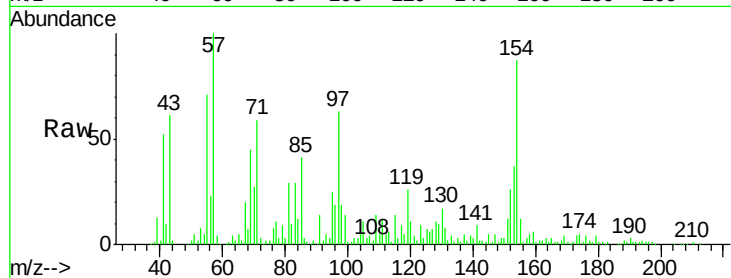
Tot Ion:154 Resp: 210297

Ion Ratio Lower Upper

154 100

153 42.1 20.8 60.8

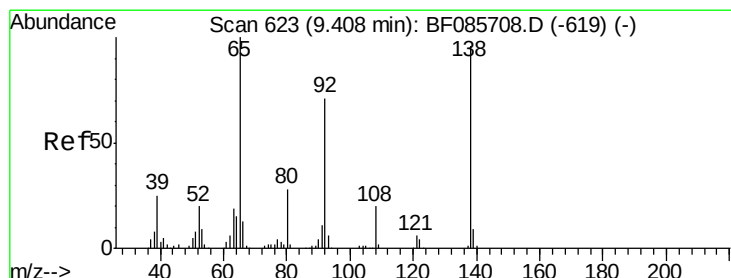
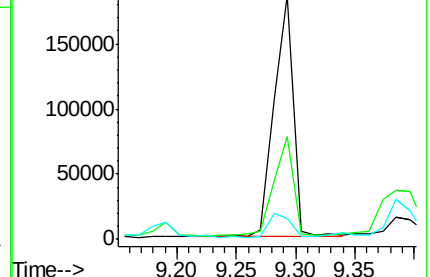
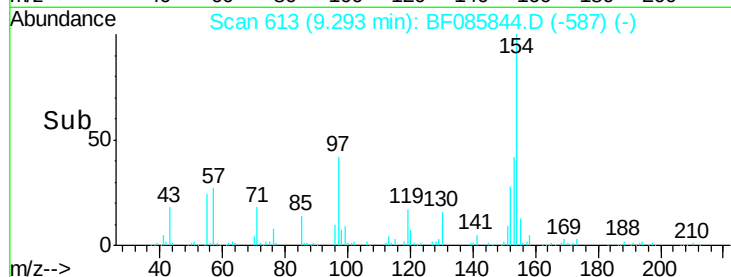
76 8.8 0.0 36.7



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): E



#47

2-Nitroaniline

Concen: 4.62 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

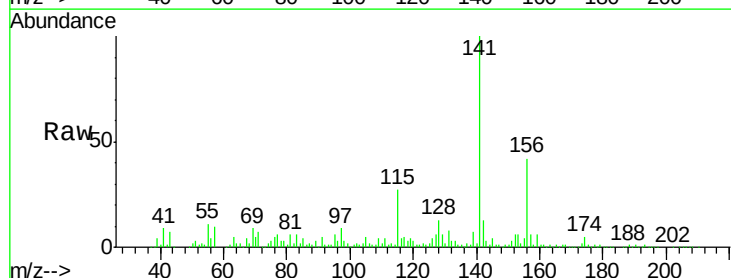
Tgt Ion: 65 Resp: 13189

Ion Ratio Lower Upper

65 100

92 42.3 59.7 89.5#

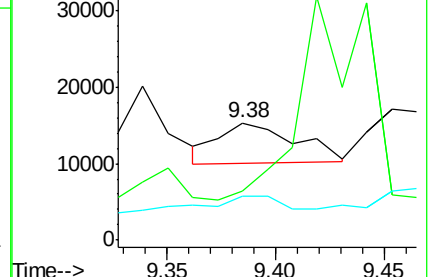
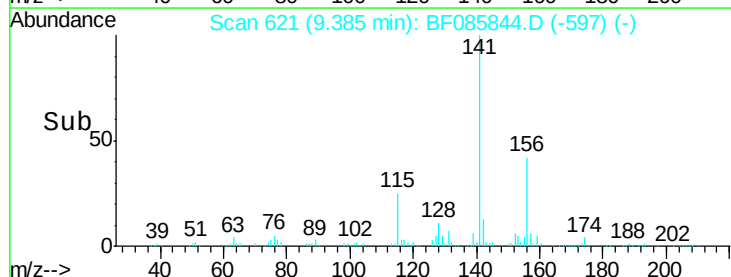
138 37.7 91.4 137.0#

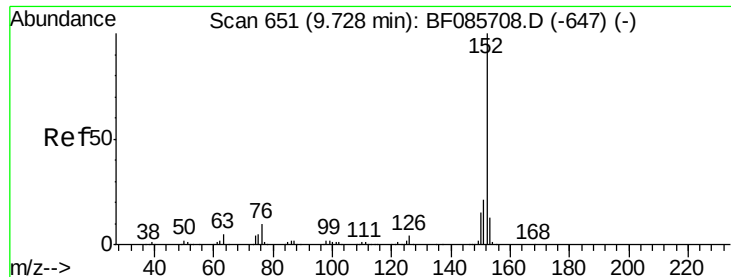


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.70 ng

RT: 9.73 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

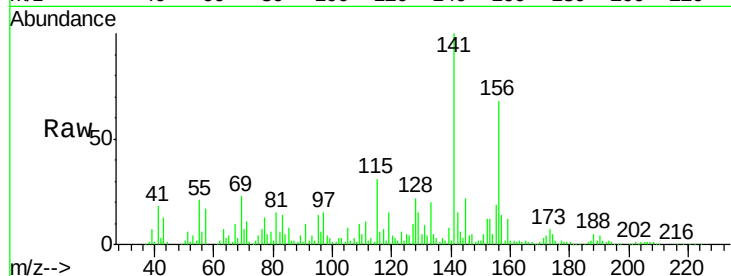
Tot Ion:152 Resp: 56259

Ion Ratio Lower Upper

152 100

151 45.9 16.8 25.2#

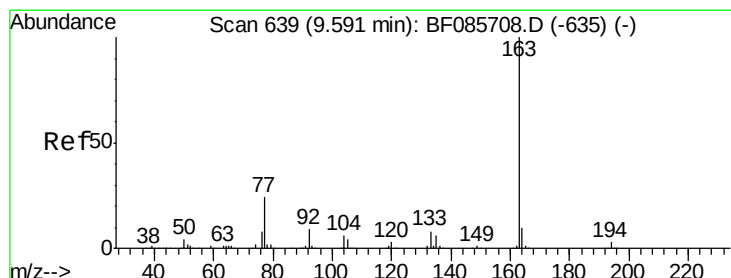
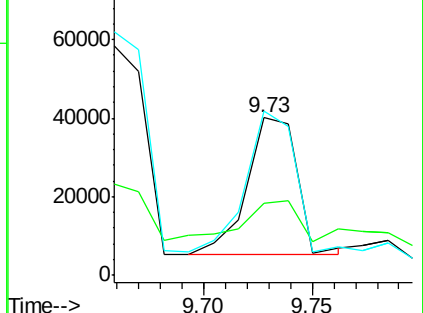
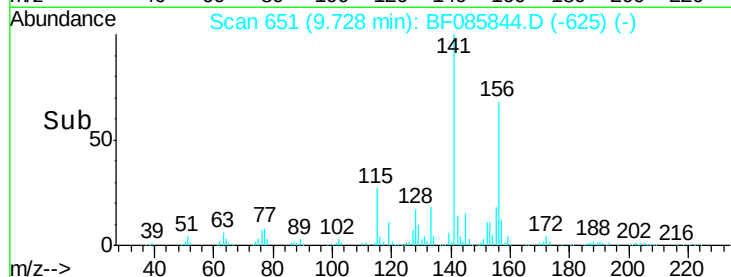
153 104.5 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 7.57 ng

RT: 9.59 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

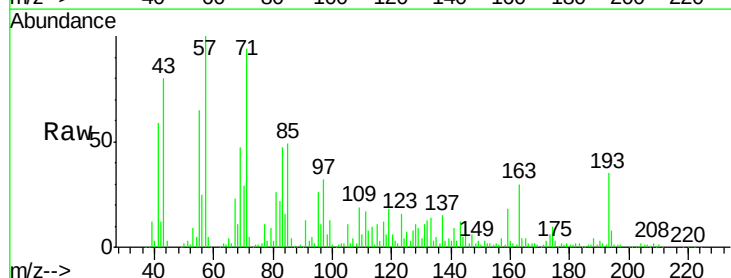
Tgt Ion:163 Resp: 86460

Ion Ratio Lower Upper

163 100

194 28.2 2.9 4.3#

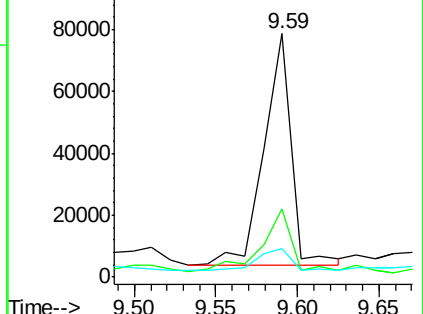
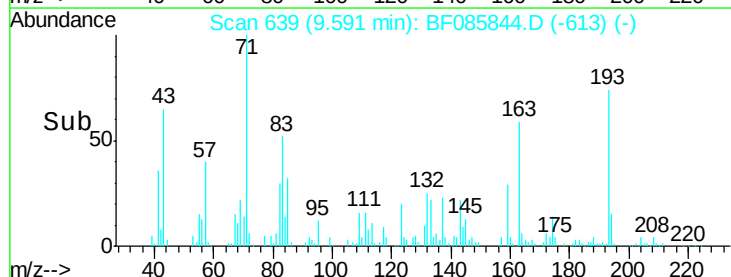
164 11.8 8.3 12.5

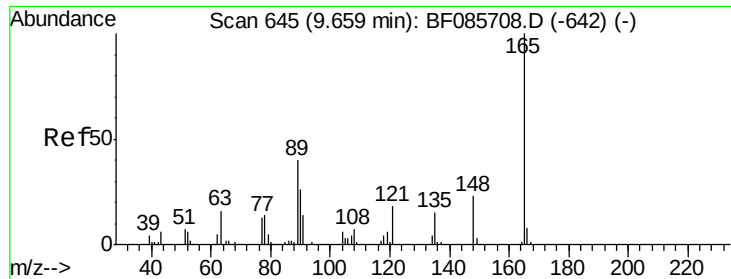


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 2.19 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :
BNA_F
ClientSampleId :

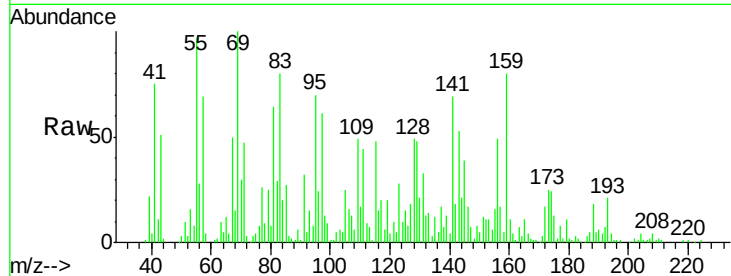
Tot Ion:165 Resp: 5393

Ion Ratio Lower Upper

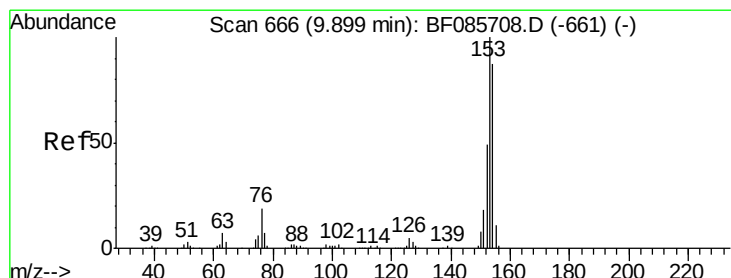
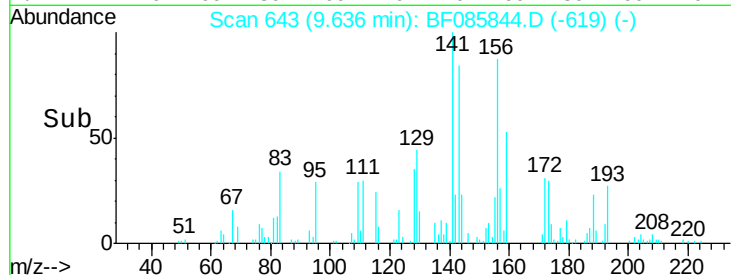
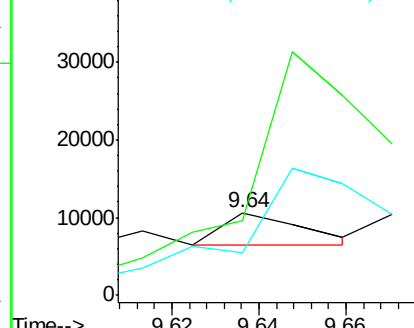
165 100

63 89.6 51.8 77.8#

89 51.5 53.7 80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 12.29 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

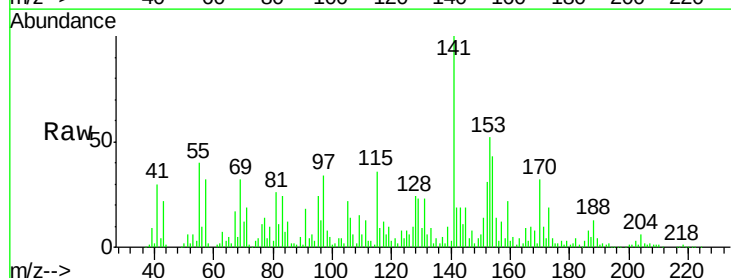
Tgt Ion:154 Resp: 114281

Ion Ratio Lower Upper

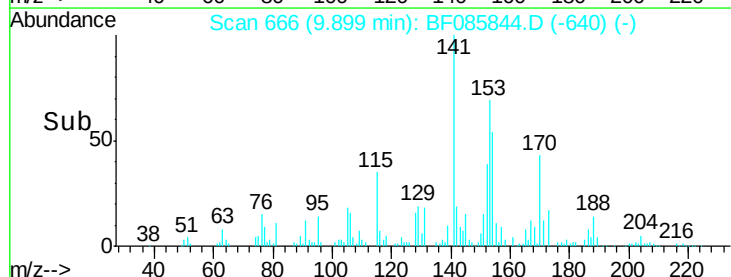
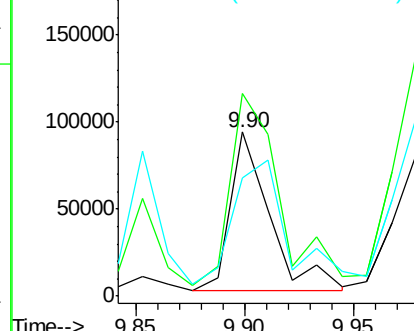
154 100

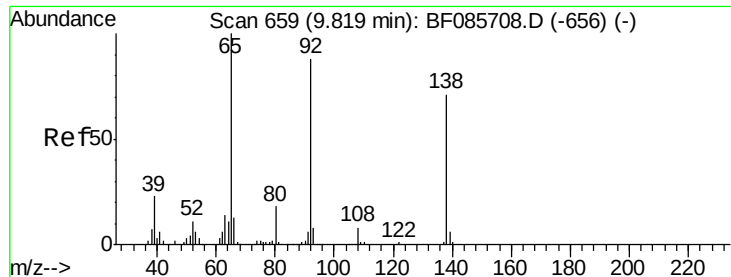
153 123.1 90.1 135.1

152 71.9 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 2.44 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

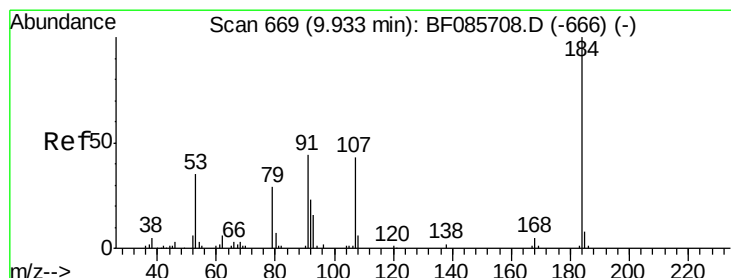
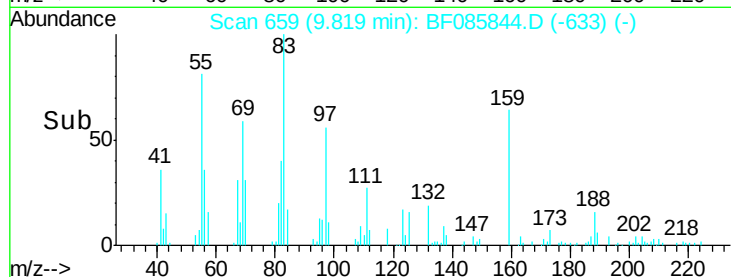
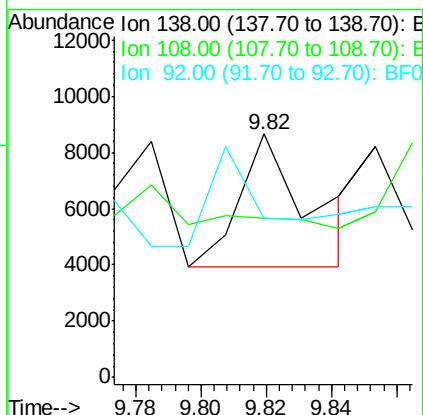
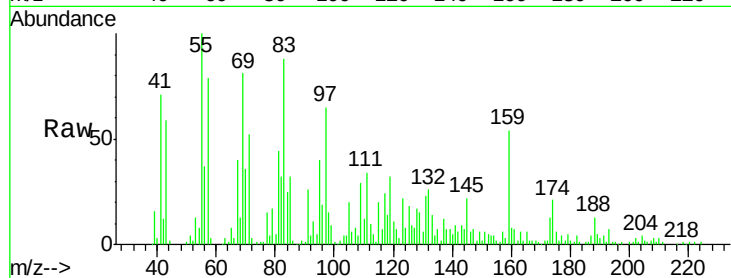
Tot Ion:138 Resp: 6854

Ion Ratio Lower Upper

138 100

108 65.3 8.7 13.1#

92 65.3 93.3 139.9#



#53

2,4-Dinitrophenol

Concen: 6.44 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

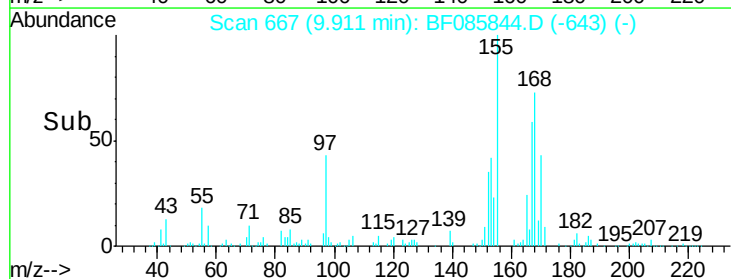
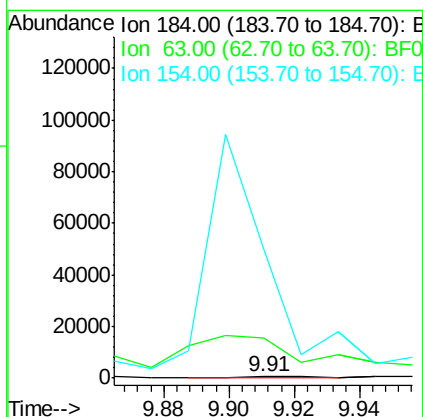
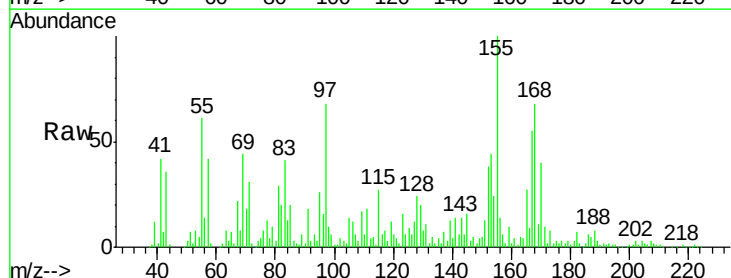
Tgt Ion:184 Resp: 547

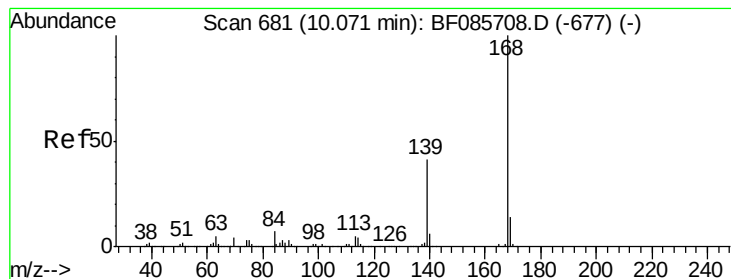
Ion Ratio Lower Upper

184 100

63 2473.5 69.5 104.3#

154 7827.4 58.3 87.5#





#54

Dibenzofuran

Concen: 6.28 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

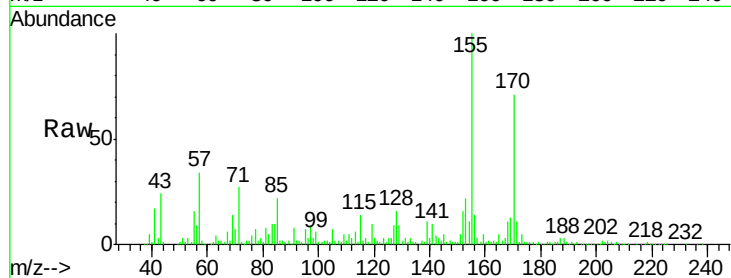
Tot Ion:168 Resp: 75580

Ion Ratio Lower Upper

168 100

139 93.6 31.9 47.9#

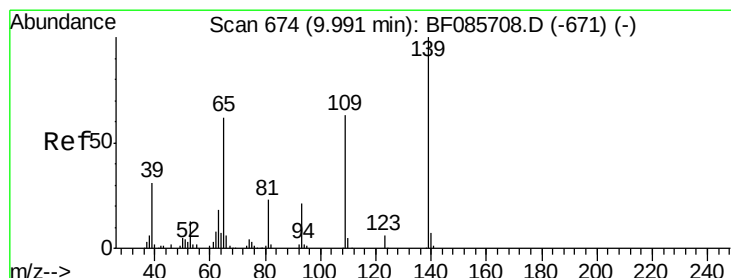
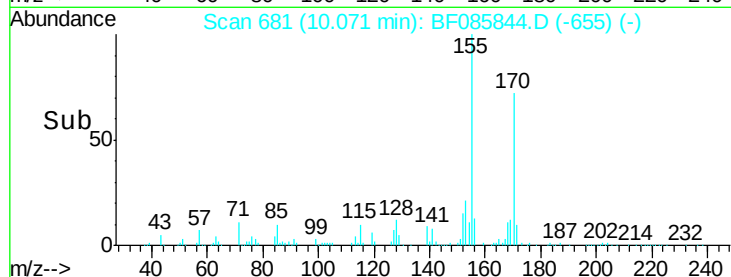
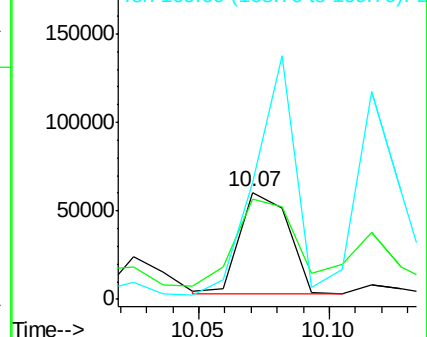
169 109.5 11.0 16.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 51.28 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

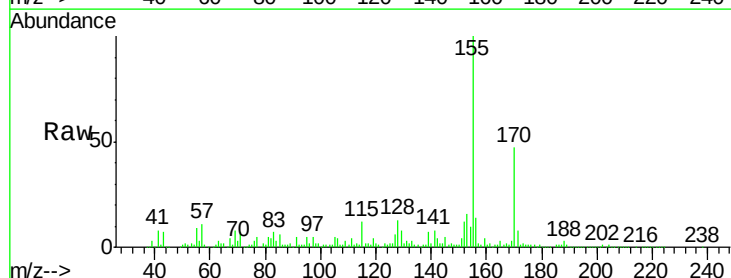
Tgt Ion:139 Resp: 94025

Ion Ratio Lower Upper

139 100

109 46.0 49.2 89.2#

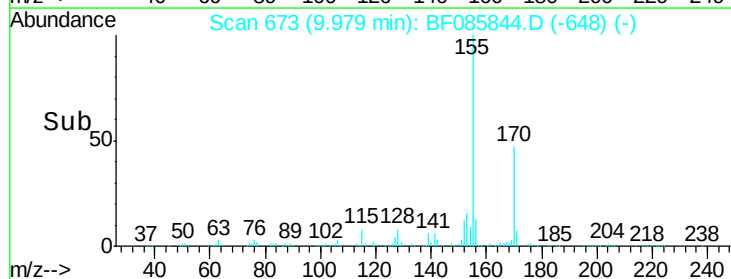
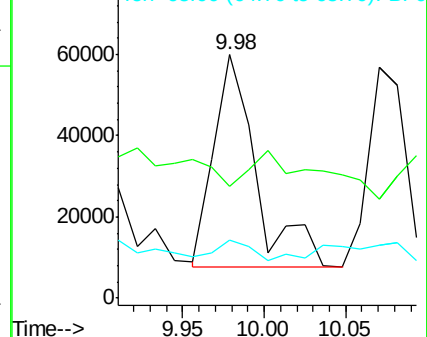
65 23.6 66.9 106.9#

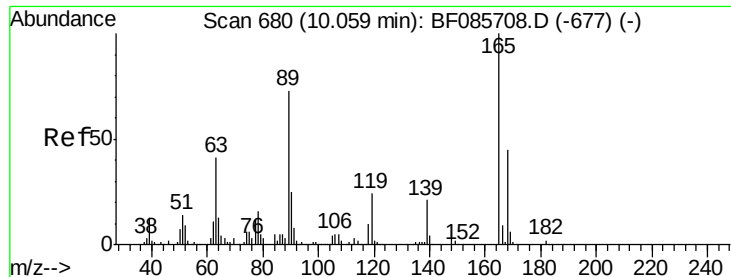


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 12.91 ng

RT: 10.08 min Scan# 682

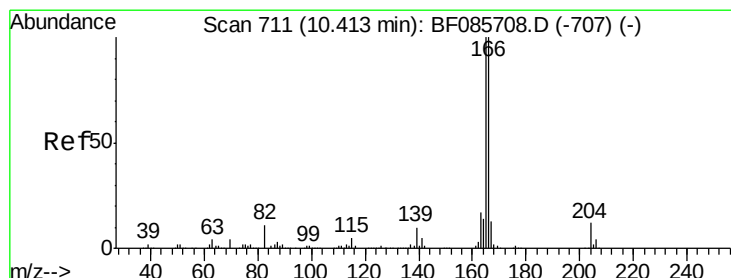
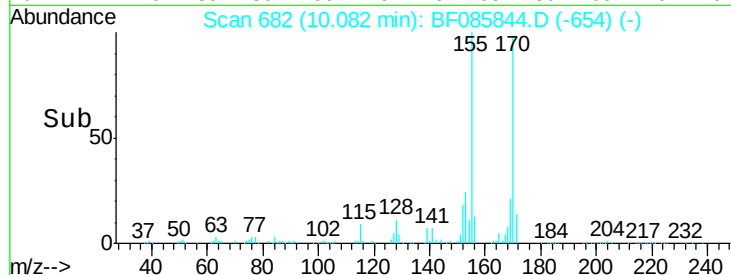
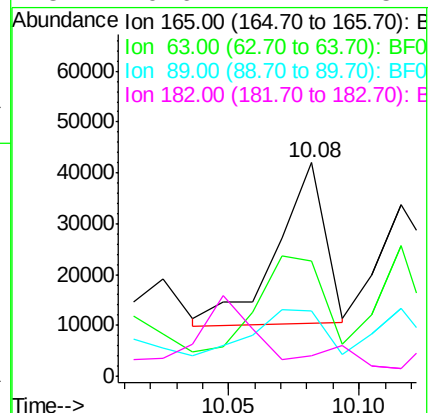
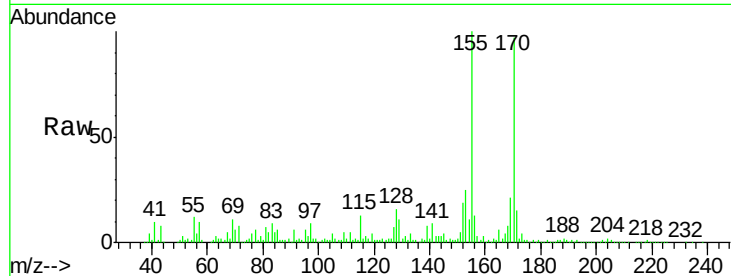
Delta R.T. 0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	40361
Ion Ratio	Lower	Upper
165	100	
63	53.9	24.9 37.3#
89	30.6	41.0 61.6#
182	9.6	2.1 3.1#



#57

Fluorene

Concen: 20.58 ng

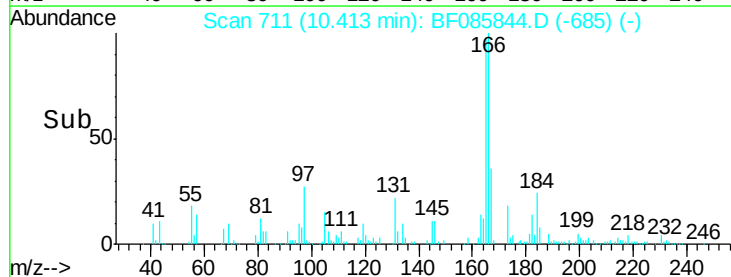
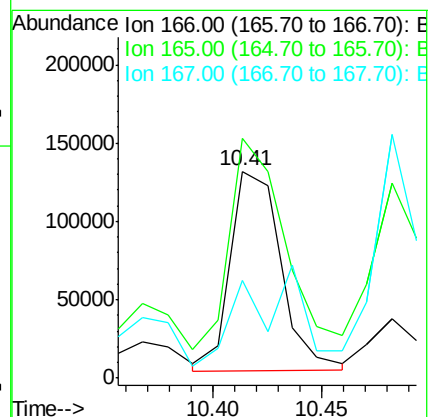
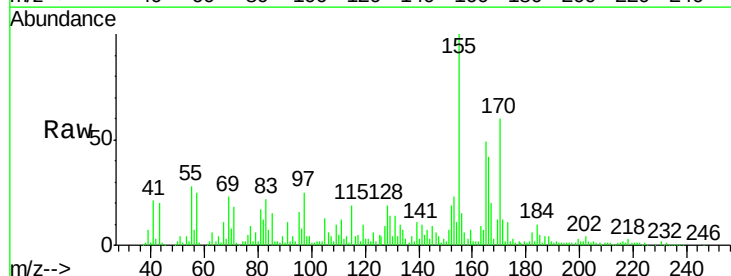
RT: 10.41 min Scan# 711

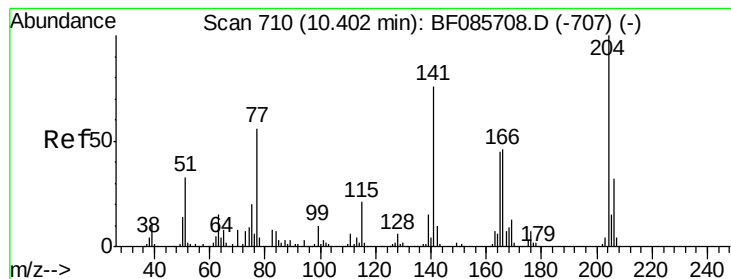
Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Tgt Ion:166	Resp:	205928
Ion Ratio	Lower	Upper
166	100	
165	115.8	79.4 119.0
167	47.0	11.0 16.4#





#60

4-Chlorophenyl-phenylether

Concen: 2.68 ng

RT: 10.36 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

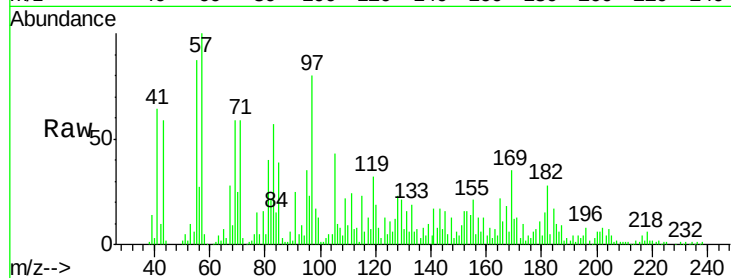
Tot Ion:204 Resp: 13088

Ion Ratio Lower Upper

204 100

206 18.5 26.6 39.8#

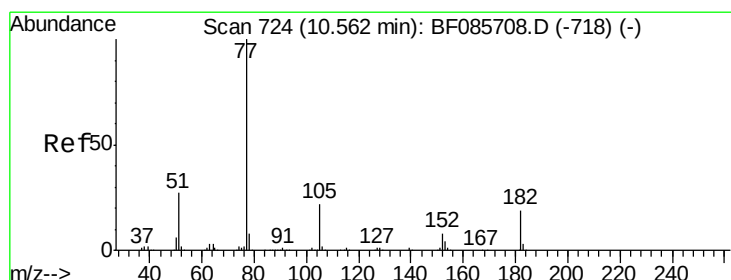
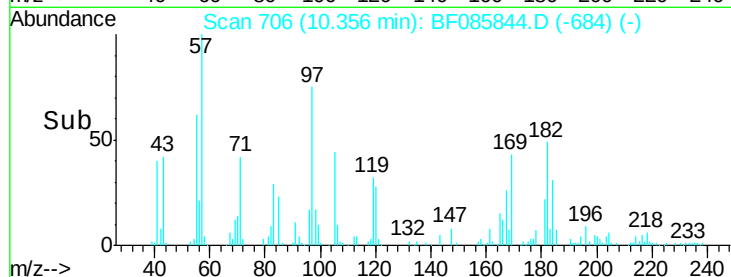
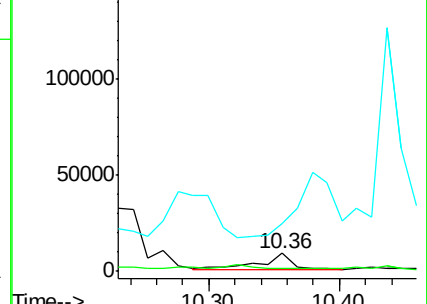
141 265.4 57.4 86.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

Azobenzene

Concen: 4.26 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Tgt Ion: 77 Resp: 46173

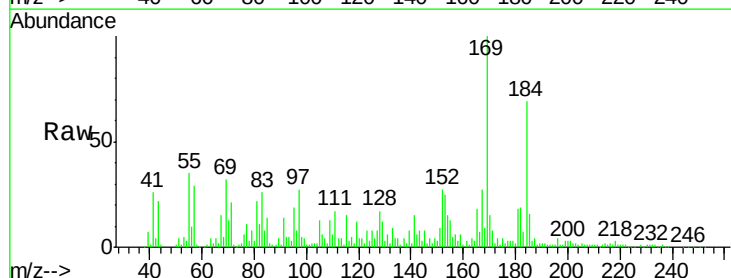
Ion Ratio Lower Upper

77 100

182 167.3 1.9 41.9#

105 111.6 3.5 43.5#

51 31.5 6.3 46.3

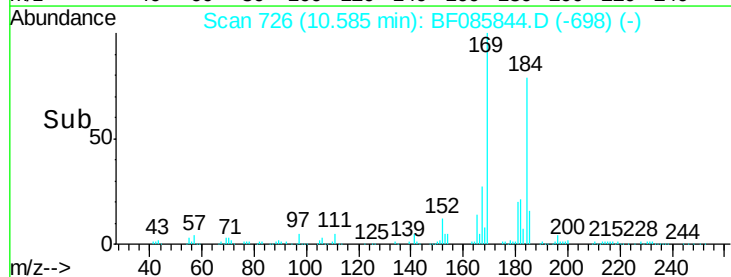
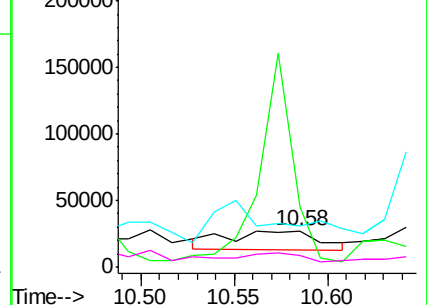


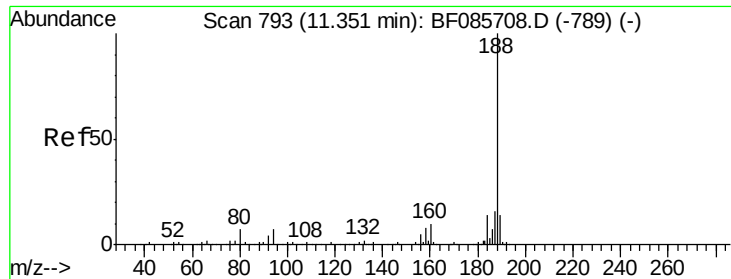
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

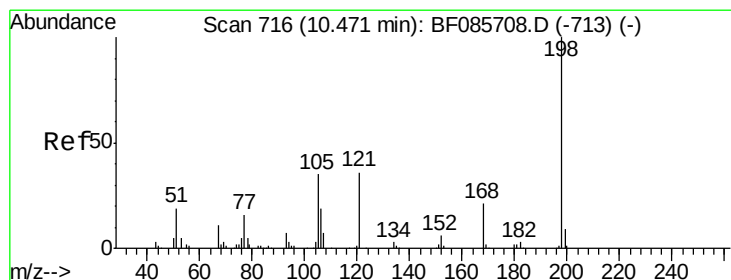
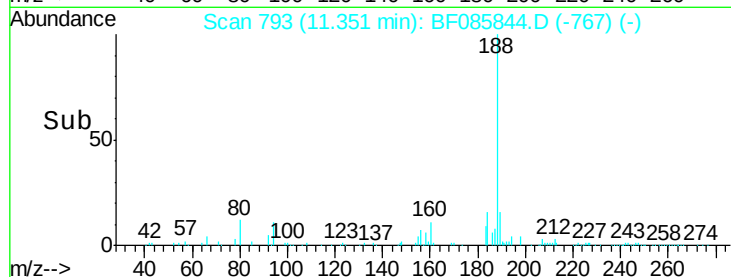
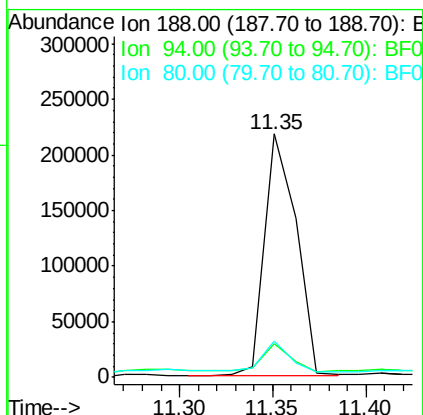
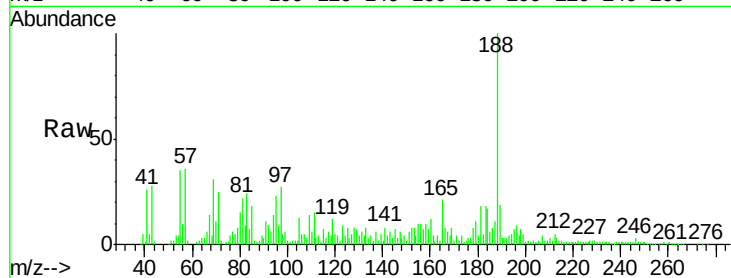




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

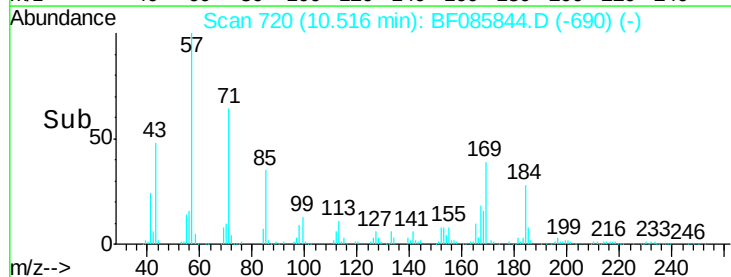
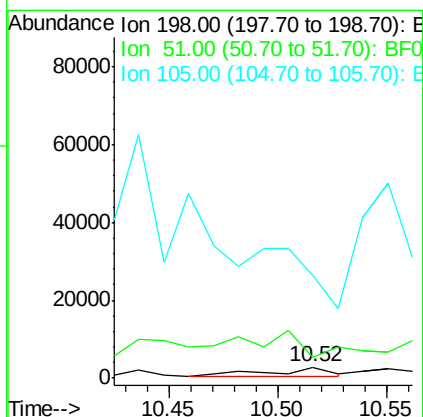
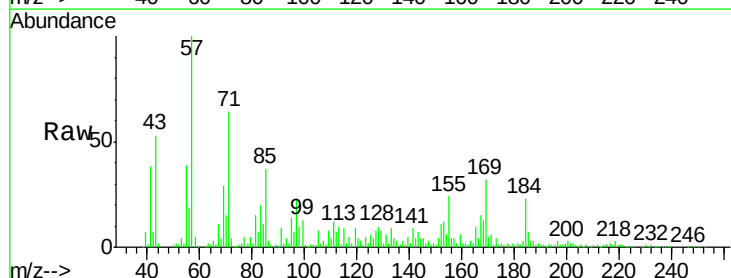
Instrument :
BNA_F
ClientSampled :

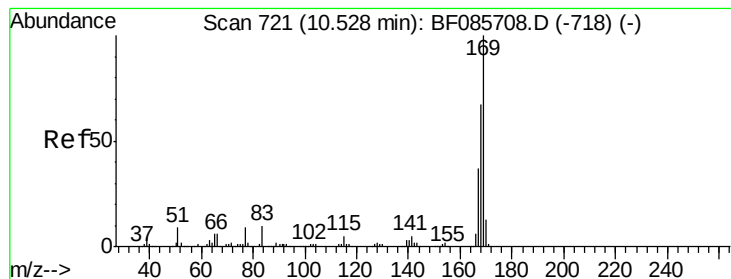
Tot Ion:188 Resp: 253924
Ion Ratio Lower Upper
188 100
94 13.9 5.4 8.0#
80 14.7 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.77 ng
RT: 10.52 min Scan# 720
Delta R.T. 0.05 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Tgt Ion:198 Resp: 4114
Ion Ratio Lower Upper
198 100
51 184.2 45.4 85.4#
105 929.1 45.9 85.9#

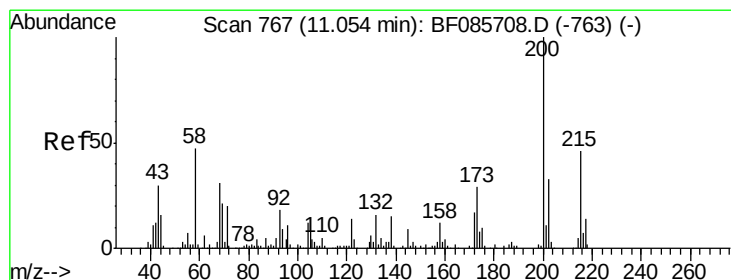
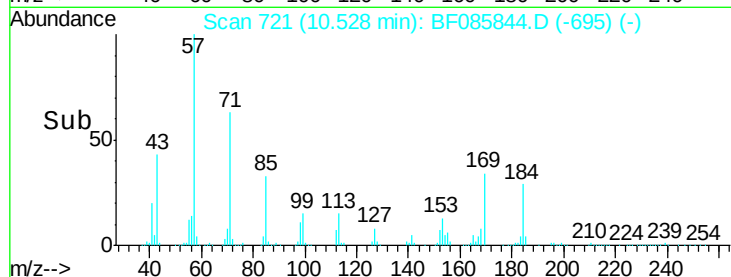
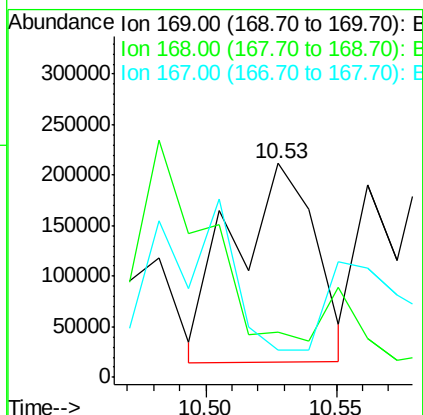
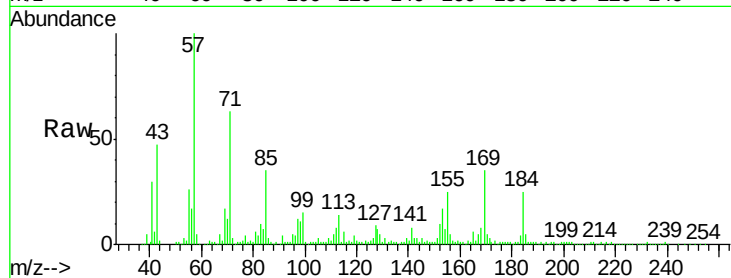




#65
n-Nitrosodiphenylamine
Concen: 53.34 ng
RT: 10.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

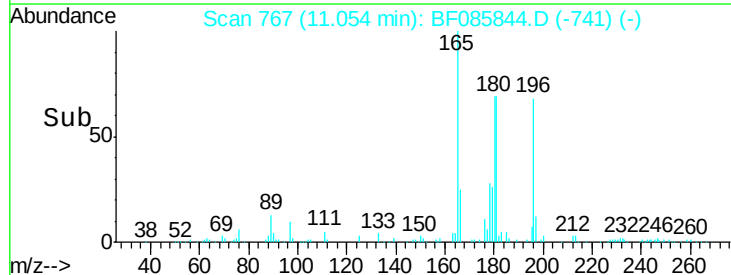
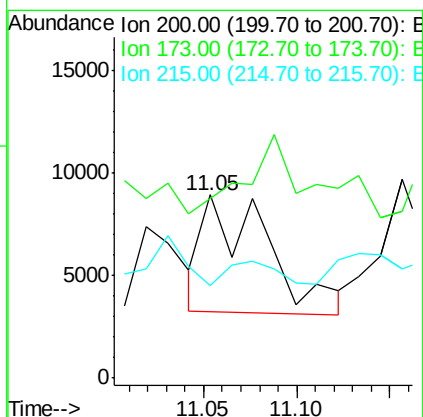
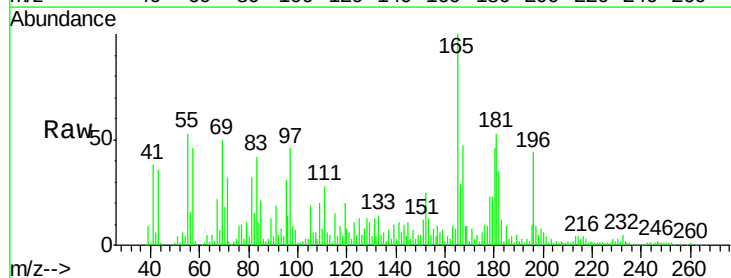
Instrument :
BNA_F
ClientSampleId :

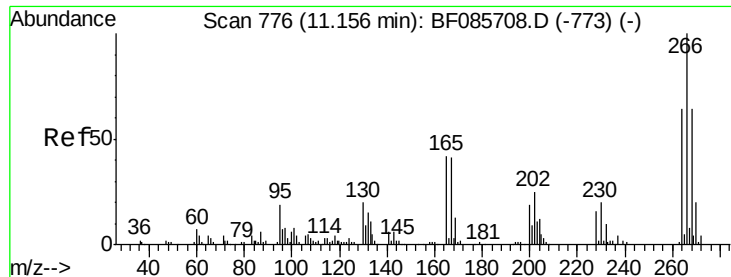
Tot Ion:169 Resp: 428990
Ion Ratio Lower Upper
169 100
168 21.4 54.4 81.6#
167 12.9 29.4 44.0#



#68
Atrazine
Concen: 5.07 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Tgt Ion:200 Resp: 13771
Ion Ratio Lower Upper
200 100
173 97.7 7.7 47.7#
215 50.7 25.4 65.4

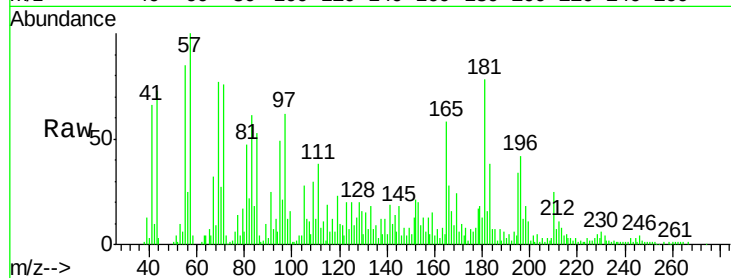




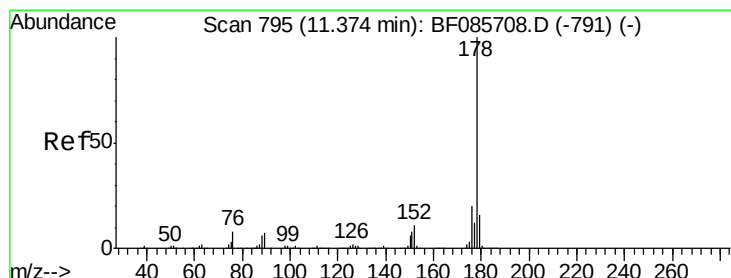
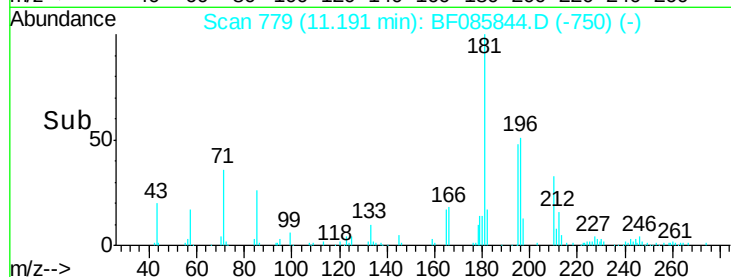
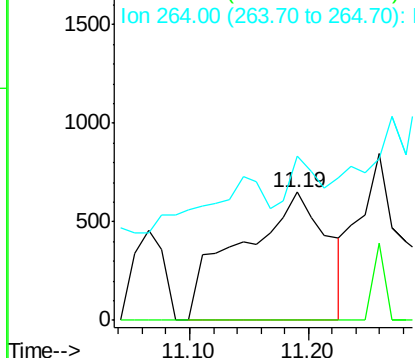
#69
 Pentachlorophenol
 Concen: 2.47 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.03 min
 Lab File: BF085844.D
 Acq: 29 Mar 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 3293
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 128.8 50.6 76.0#

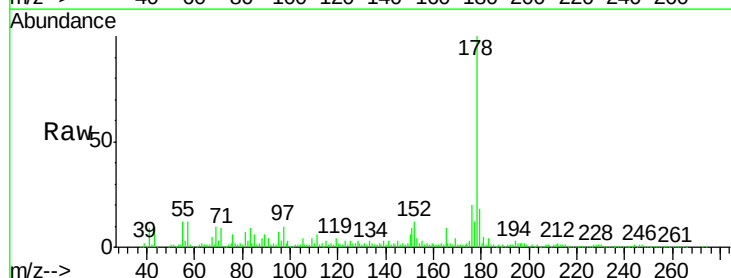


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

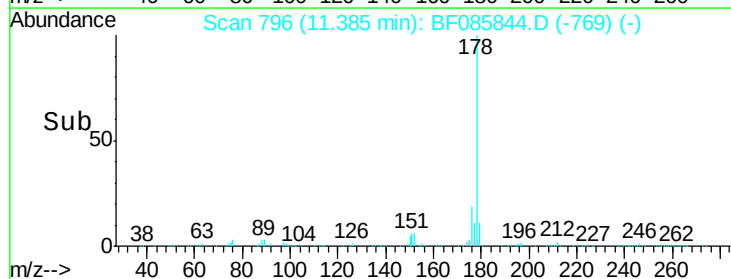
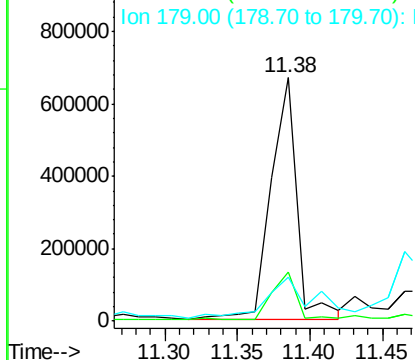


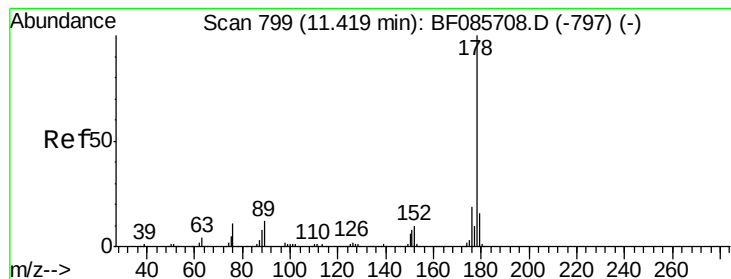
#70
 Phenanthrene
 Concen: 62.78 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF085844.D
 Acq: 29 Mar 2016 11:15

Tgt Ion:178 Resp: 818559
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.3 24.5
 179 18.1 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: 59.80 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.03 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

Instrument :

BNA_F

ClientSampleId :

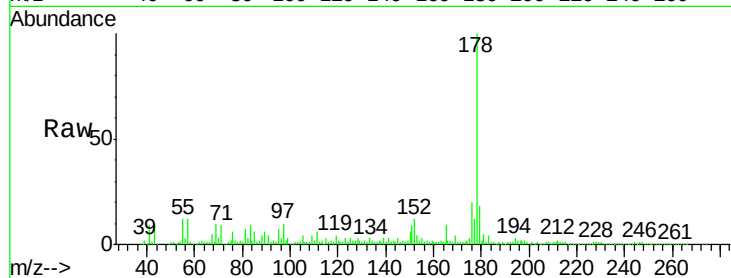
Tot Ion:178 Resp: 818559

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

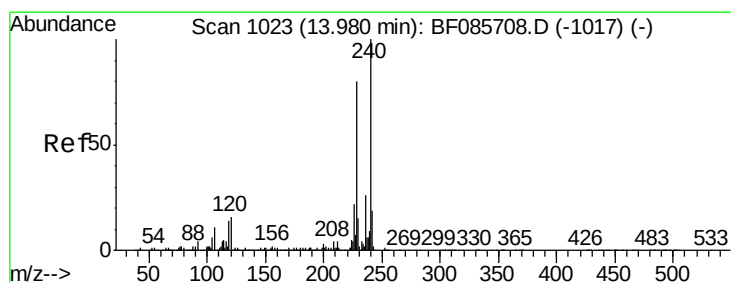
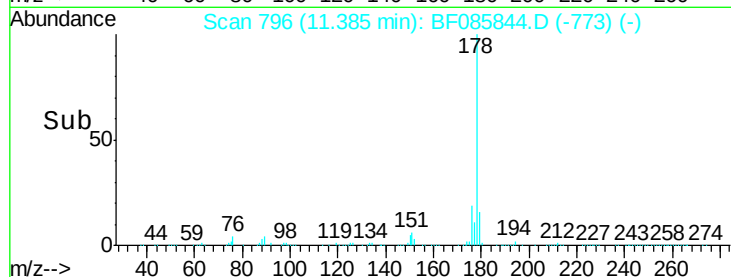
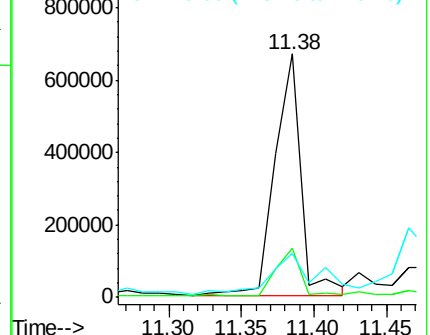
179 18.1 13.0 19.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF085844.D

Acq: 29 Mar 2016 11:15

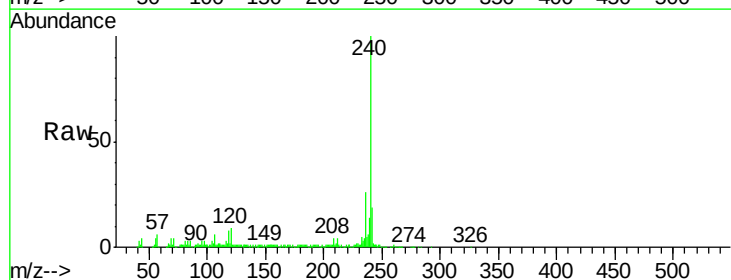
Tgt Ion:240 Resp: 200638

Ion Ratio Lower Upper

240 100

120 9.0 13.8 20.8#

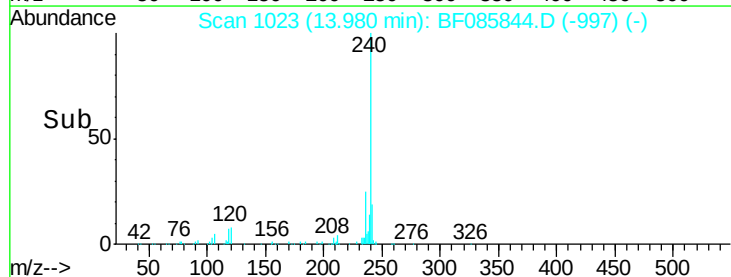
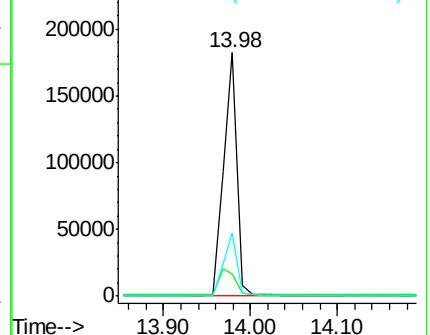
236 25.9 20.6 30.8

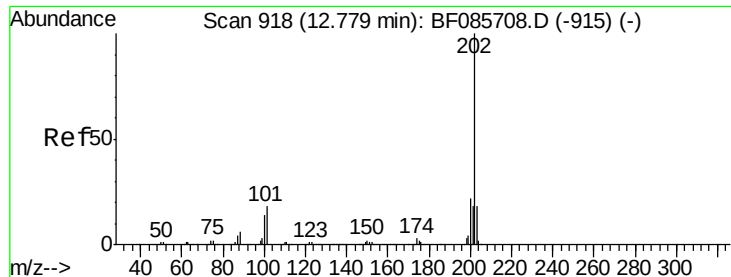


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

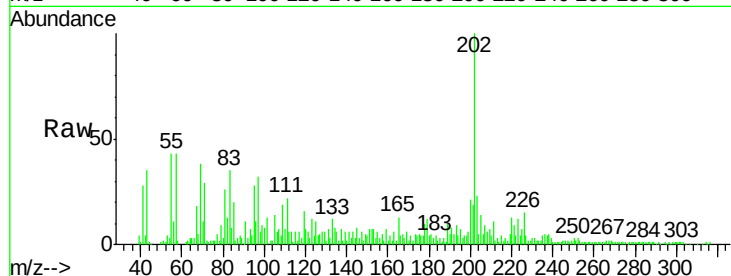




#77
Pvrene
Concen: 6.54 ng
RT: 12.79 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	23.2	14.0	21.0

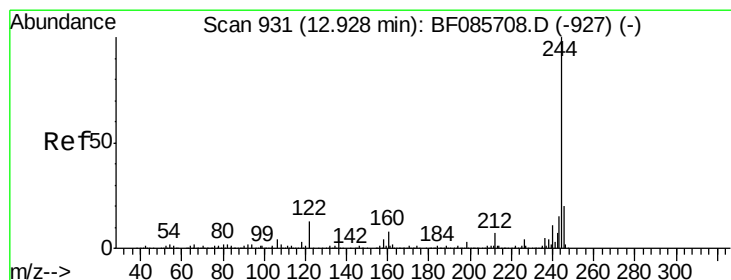
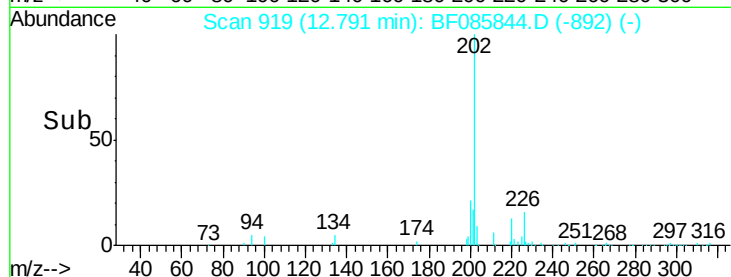
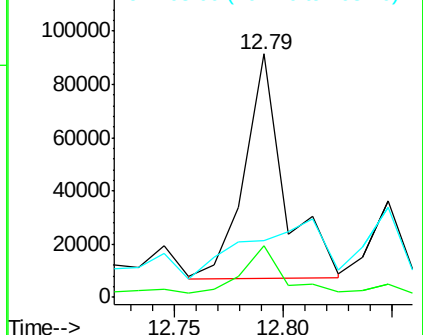


Abundance

Ion 202.00 (201.70 to 202.70): E

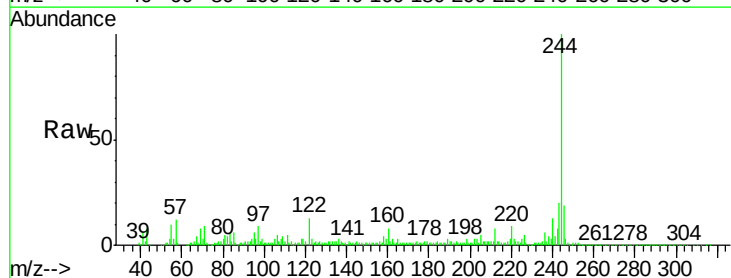
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 31.65 ng
RT: 12.93 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.6	10.2	15.4

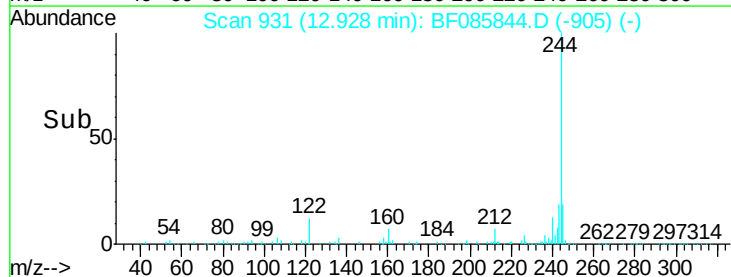
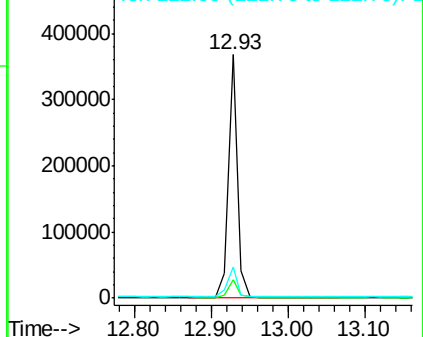


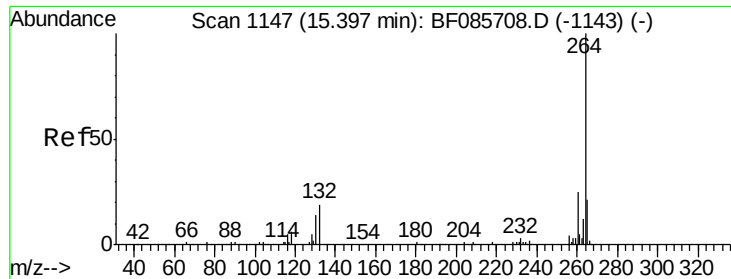
Abundance

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

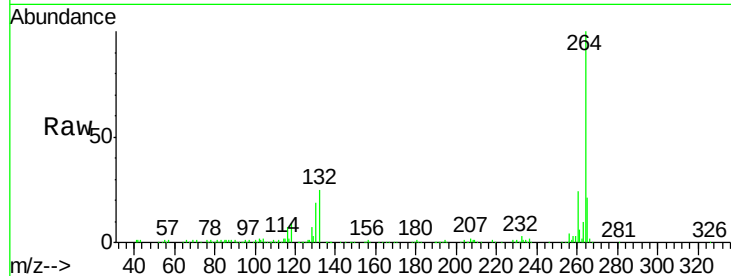




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085844.D
Acq: 29 Mar 2016 11:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.2	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

