

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094670.D
 Acq On : 27 Apr 2017 18:19
 Operator : SJ/MA
 Sample : I2855-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:20:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

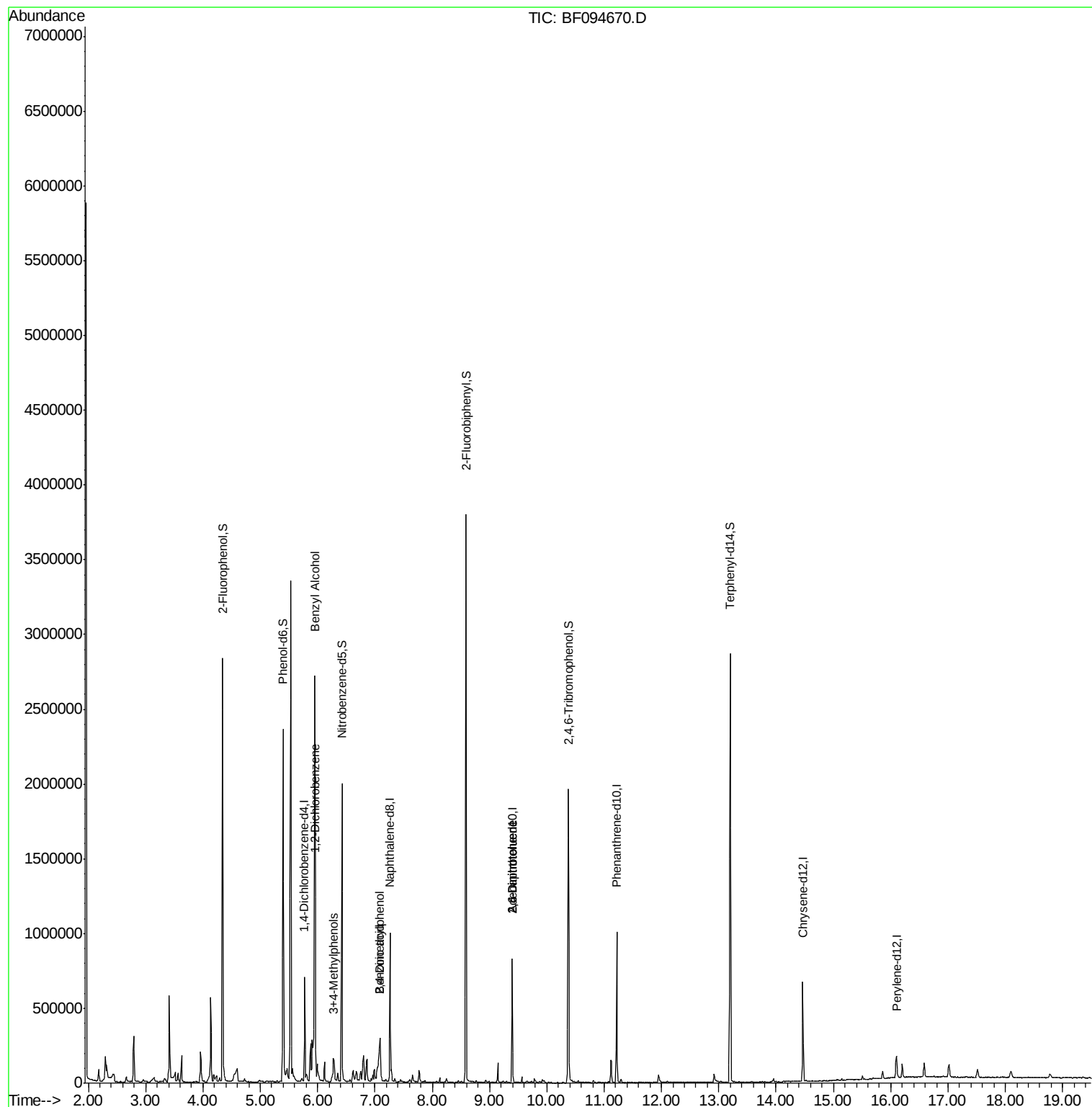
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	119361	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	478168	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	154157	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	378937	20.00	ng	0.00
75) Chrysene-d12	14.47	240	240685	20.00	ng	0.00
86) Perylene-d12	16.09	264	27585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	895280	124.44	ng	0.04
7) Phenol-d6	5.40	99	837359	98.73	ng	0.00
23) Nitrobenzene-d5	6.42	82	732834	94.63	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	263855	218.82	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1368814	130.65	ng	0.00
78) Terphenyl-d14	13.20	244	1053499	117.00	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	5.97	146	18483	2.20	ng	95
15) Benzyl Alcohol	5.95	79	13965	2.22	ng	# 48
20) 3+4-Methylphenols	6.28	107	24706	2.82	ng	# 54
27) 2,4-Dimethylphenol	7.08	122	91845	12.91	ng	# 6
32) Benzoic acid	7.08	122	91845	24.41	ng	99
50) 2,6-Dinitrotoluene	9.40	165	19561	7.59	ng	# 35
56) 2,4-Dinitrotoluene	9.40	165	19561	6.18	ng	# 34

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

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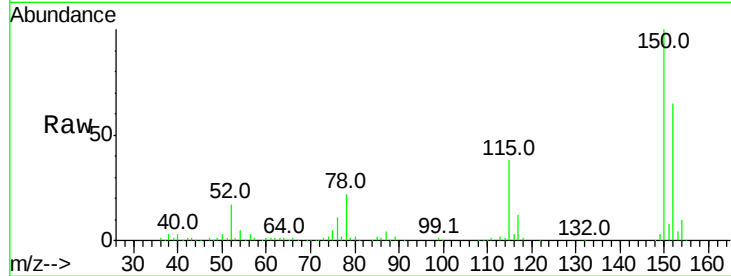


#1

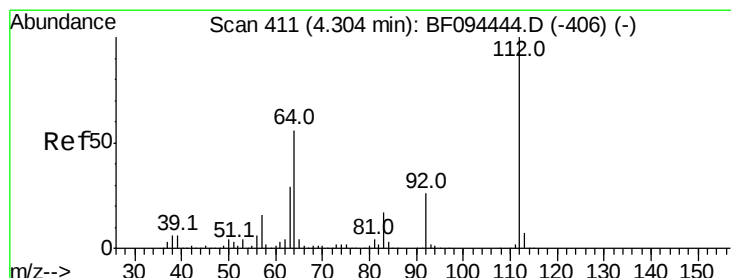
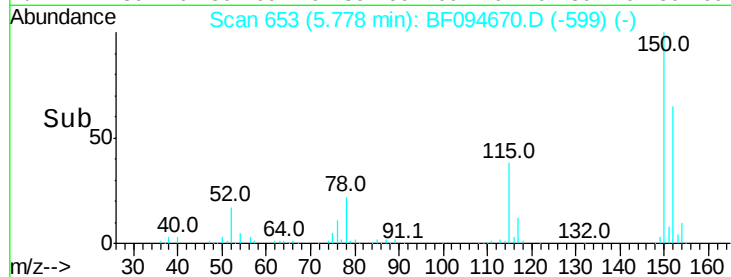
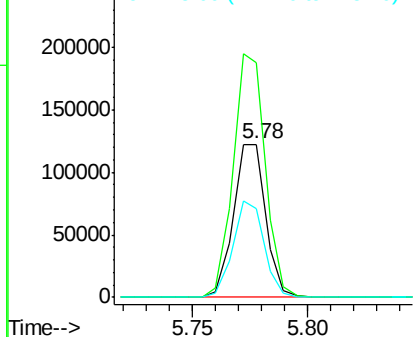
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119361
Ion Ratio Lower Upper
152 100
150 152.8 126.2 189.2
115 58.2 52.2 78.2



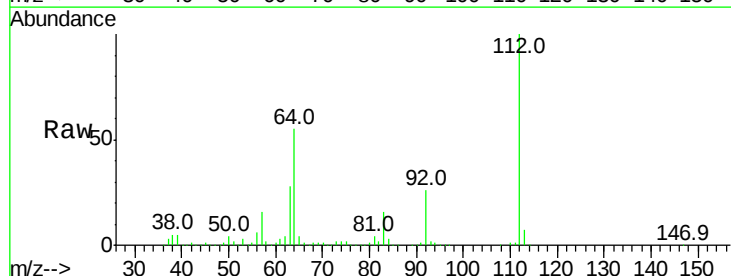
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



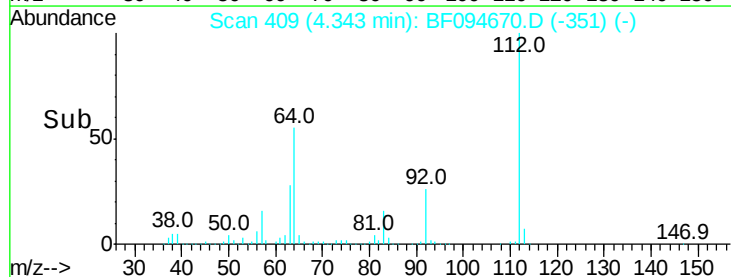
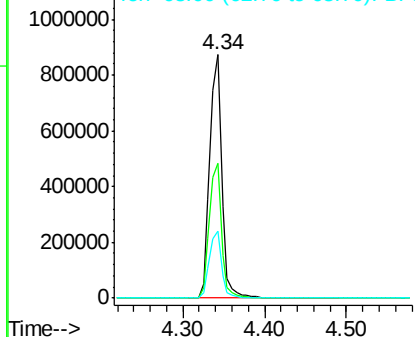
#5

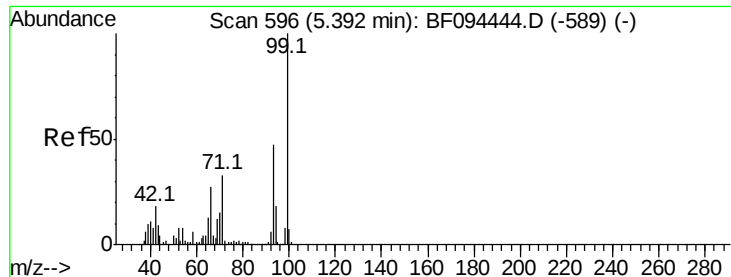
2-Fluorophenol
Concen: 124.44 ng
RT: 4.34 min Scan# 409
Delta R.T. 0.04 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Tgt Ion:112 Resp: 895280
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.6 23.4 35.0



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





#7

Phenol-d6

Concen: 98.73 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

ClientSampled :

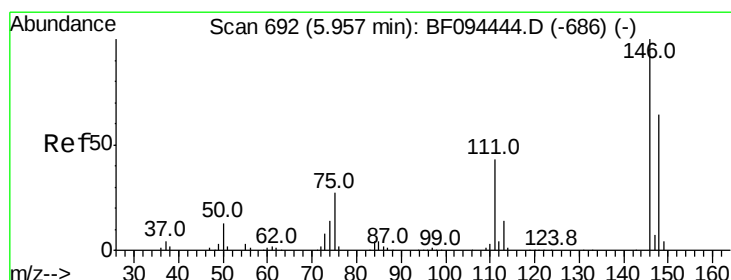
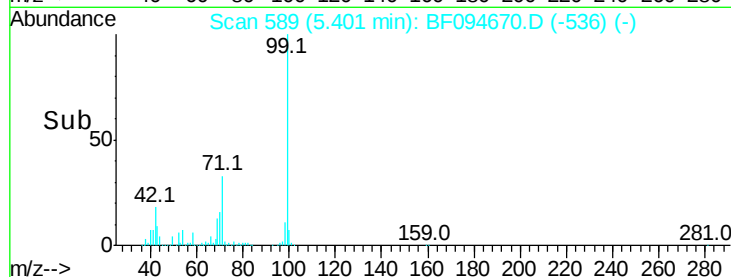
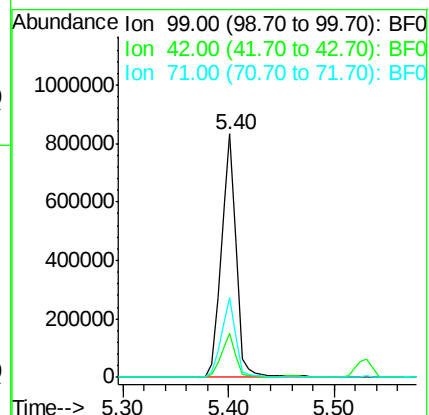
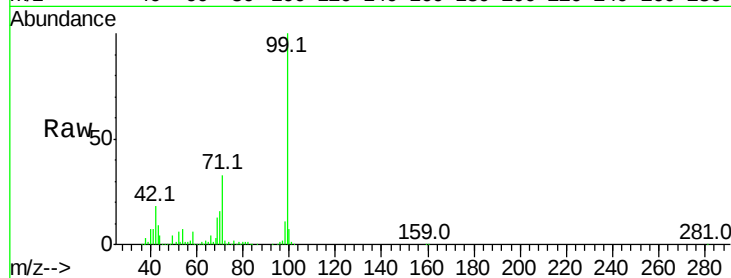
Tot Ion: 99 Resp: 837359

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.0 24.5 36.7



#14

1,2-Dichlorobenzene

Concen: 2.20 ng

RT: 5.97 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

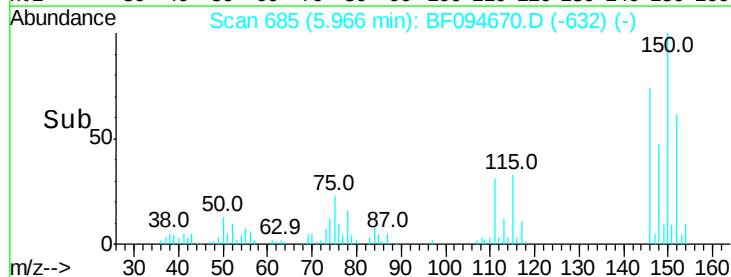
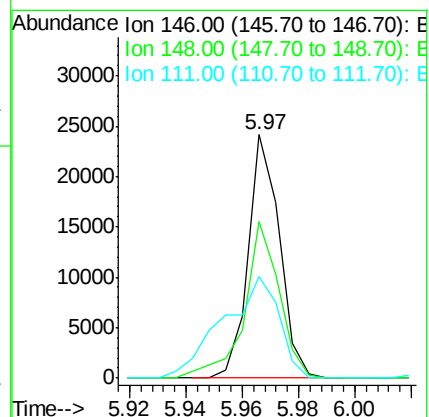
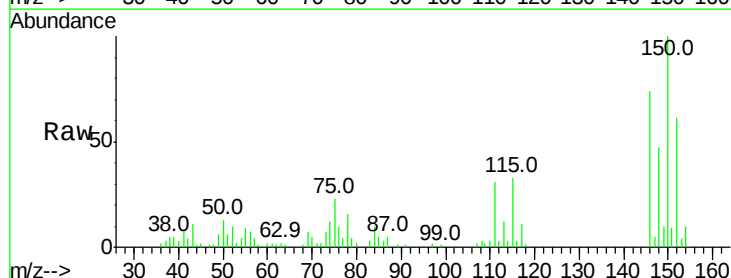
Tgt Ion: 146 Resp: 18483

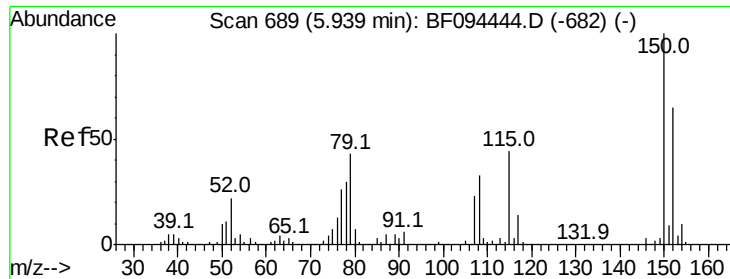
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 41.8 38.2 57.4

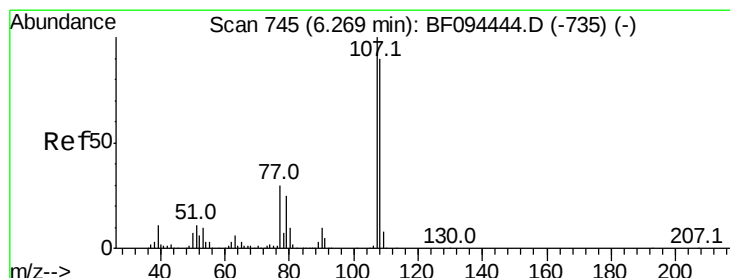
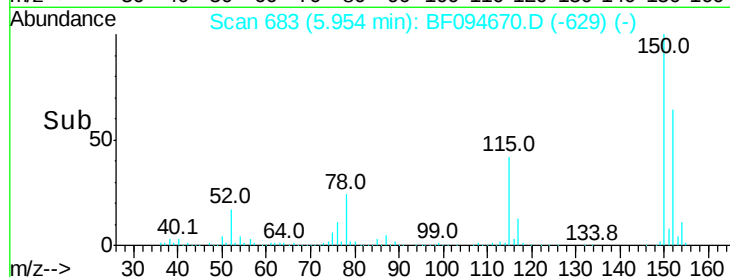
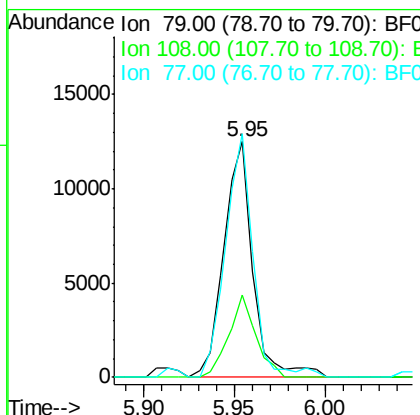
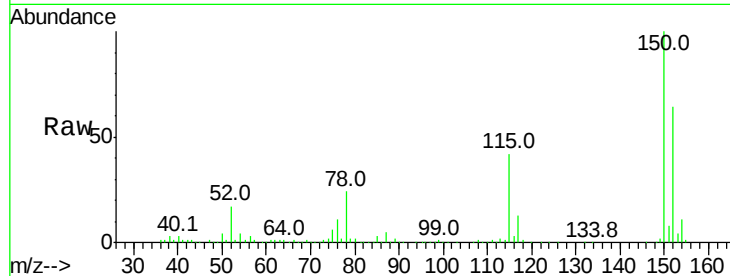




#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

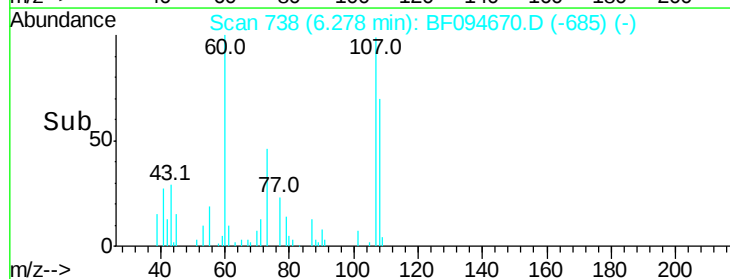
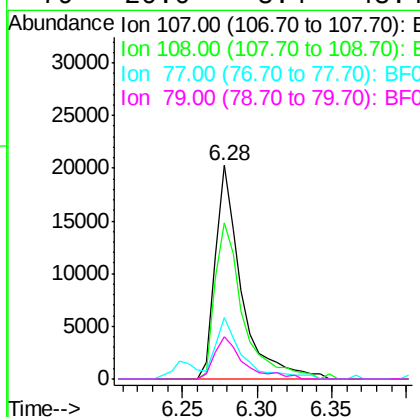
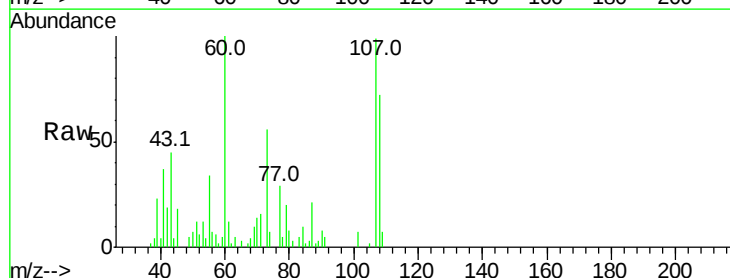
Instrument :
BNA_F
ClientSampleId :

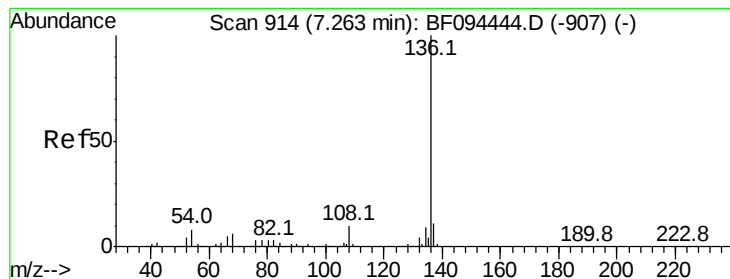
Tot Ion: 79 Resp: 13965
Ion Ratio Lower Upper
79 100
108 34.8 63.4 95.0#
77 103.3 49.2 73.8#



#20
3+4-Methylphenols
Concen: 2.82 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Tgt Ion:107 Resp: 24706
Ion Ratio Lower Upper
107 100
108 73.4 71.0 111.0
77 28.9 90.5 130.5#
79 20.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 478168

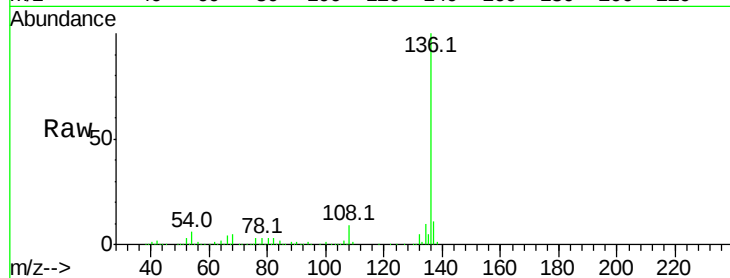
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 4.9 7.3

68 5.3 4.1 6.1

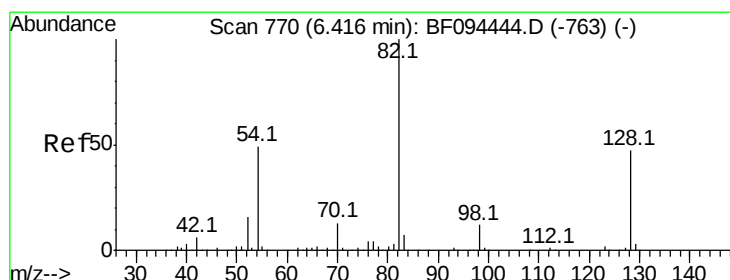
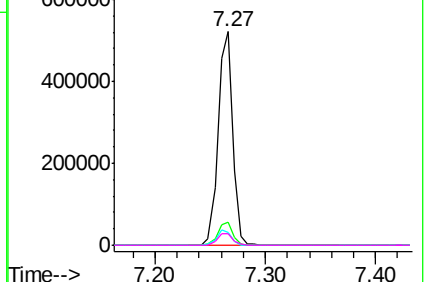
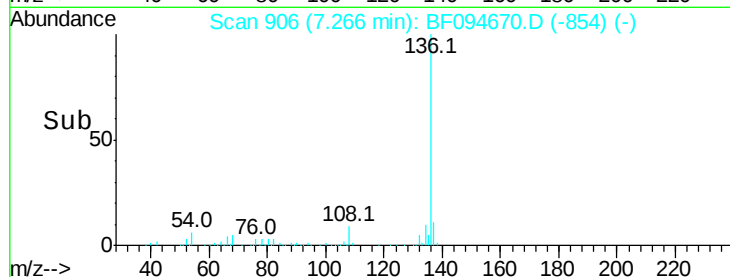


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 94.63 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

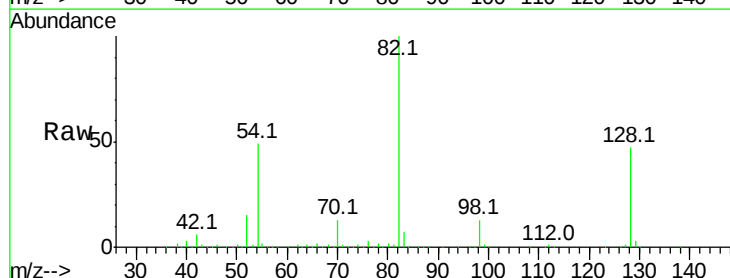
Tgt Ion: 82 Resp: 732834

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

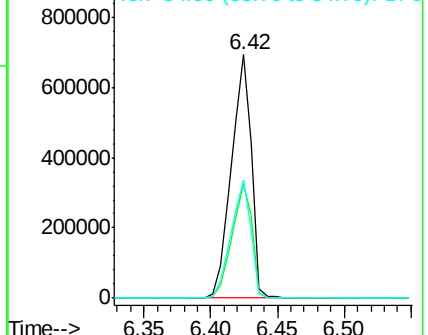
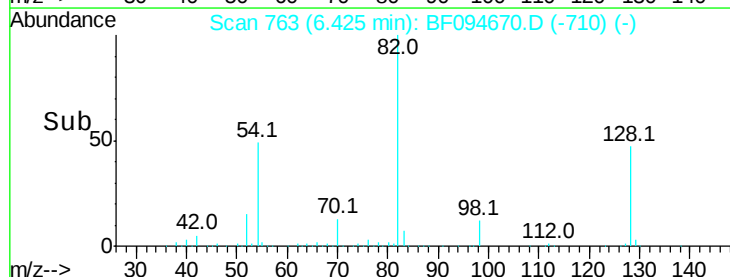
54 48.8 42.2 63.2

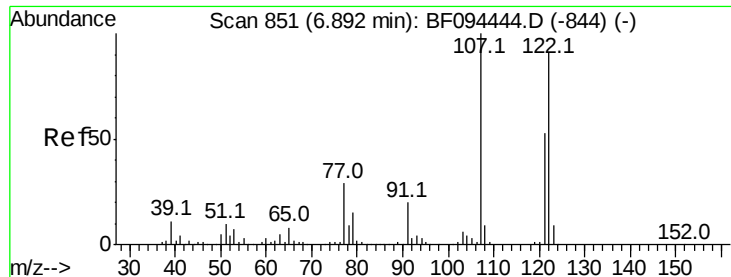


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

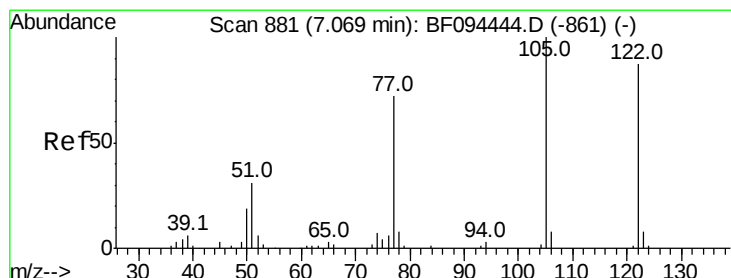
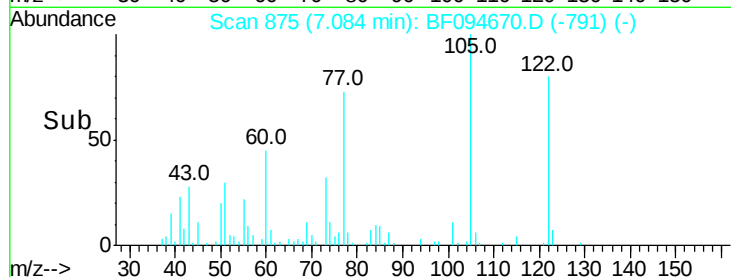
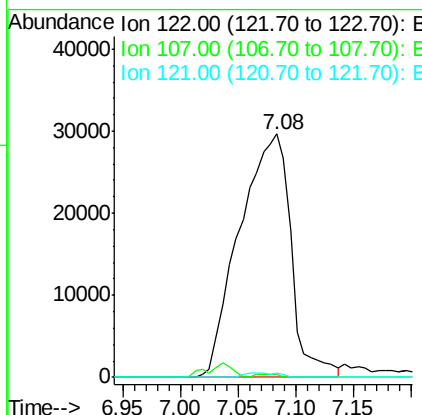
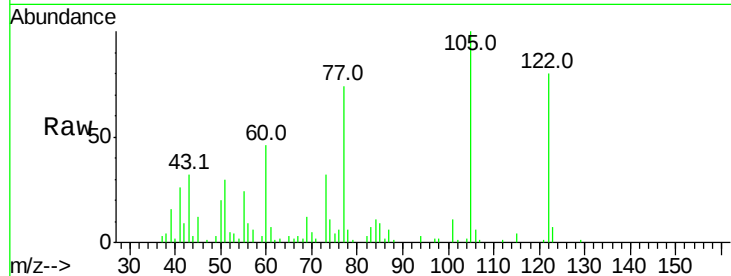




#27
2,4-Dimethylphenol
Concen: 12.91 ng
RT: 7.08 min Scan# 875
Delta R.T. 0.19 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

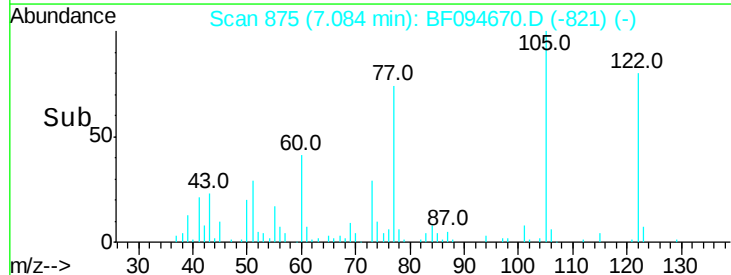
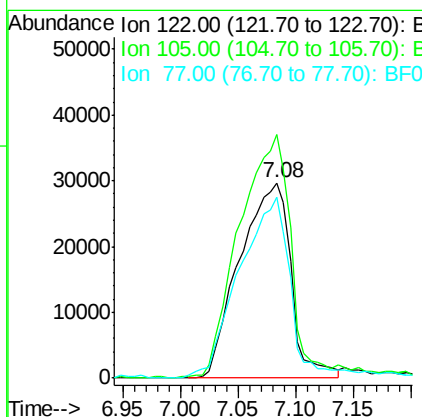
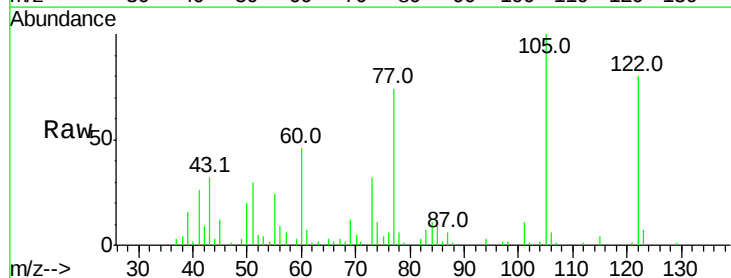
Instrument :
BNA_F
ClientSampleId :

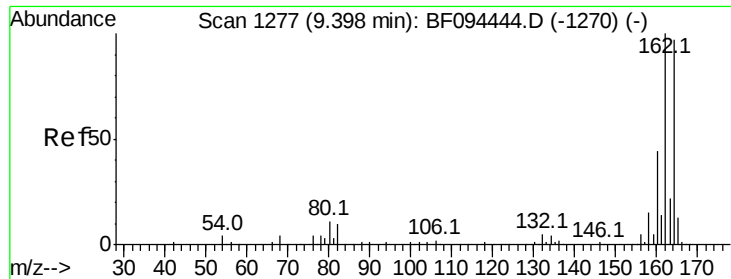
Tot Ion:122 Resp: 91845
Ion Ratio Lower Upper
122 100
107 1.3 89.2 133.8#
121 1.6 45.2 67.8#



#32
Benzoic acid
Concen: 24.41 ng
RT: 7.08 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Tgt Ion:122 Resp: 91845
Ion Ratio Lower Upper
122 100
105 124.8 103.3 143.3
77 92.9 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

ClientSampleId :

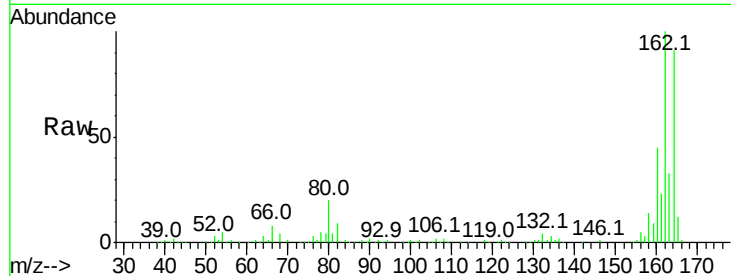
Tot Ion:164 Resp: 154157

Ion Ratio Lower Upper

164 100

162 109.7 82.6 123.8

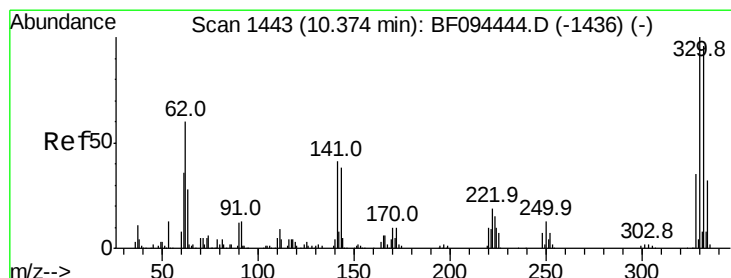
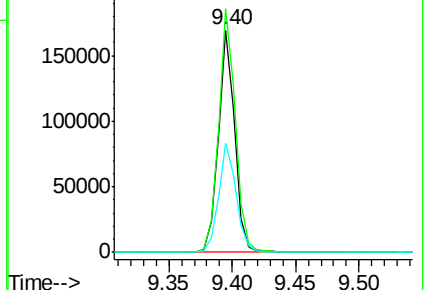
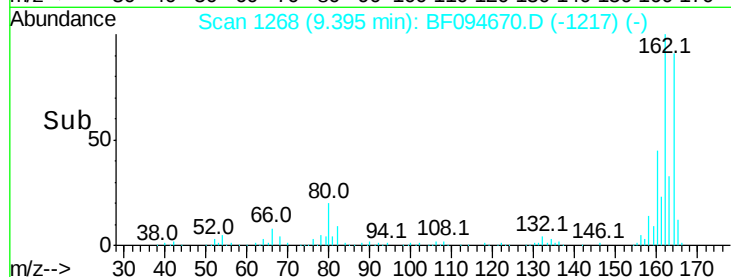
160 49.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 218.82 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

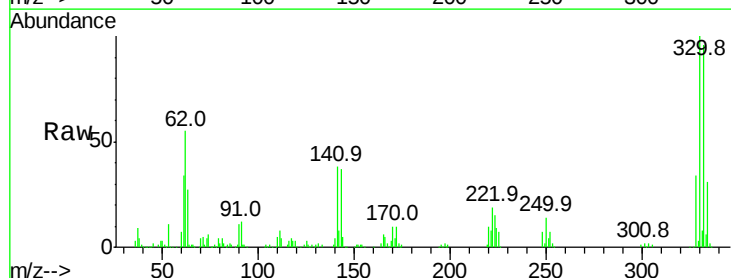
Tgt Ion:330 Resp: 263855

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

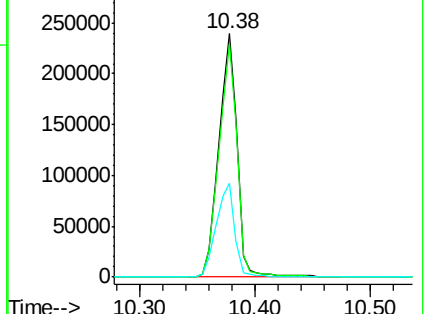
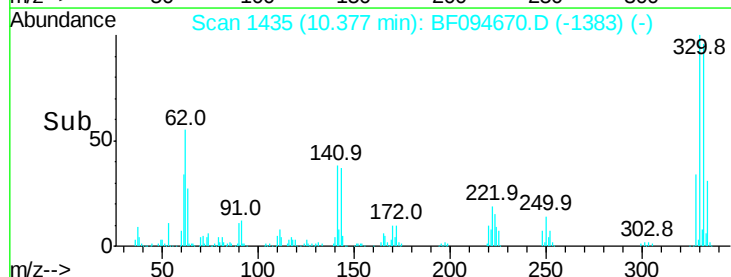
141 39.4 31.4 47.2

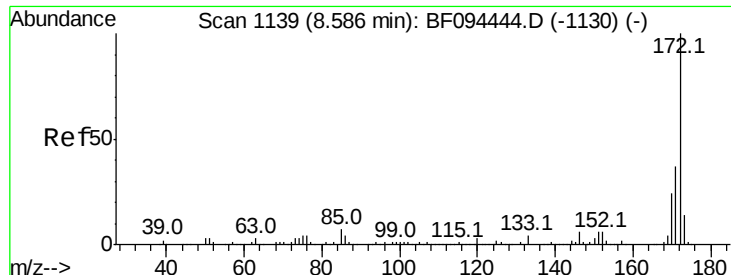


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



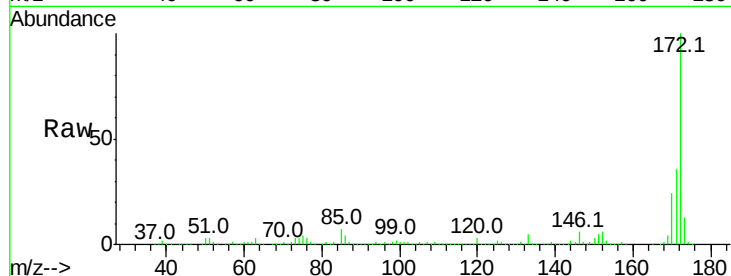


#44
 2-Fluorobiphenyl
 Concen: 130.65 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

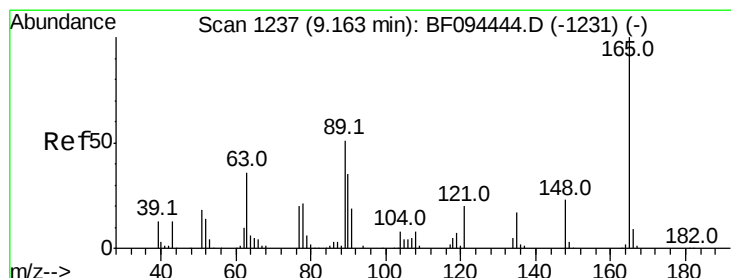
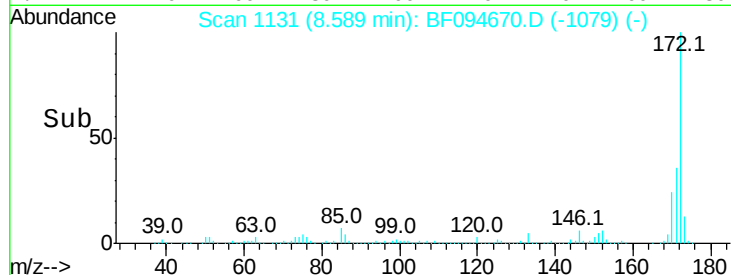
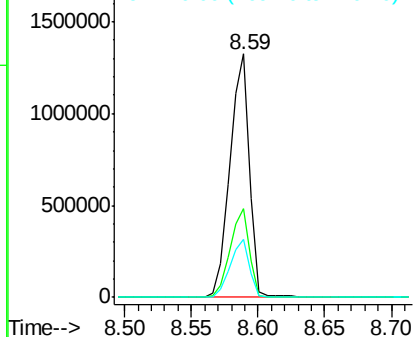
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1368814

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8



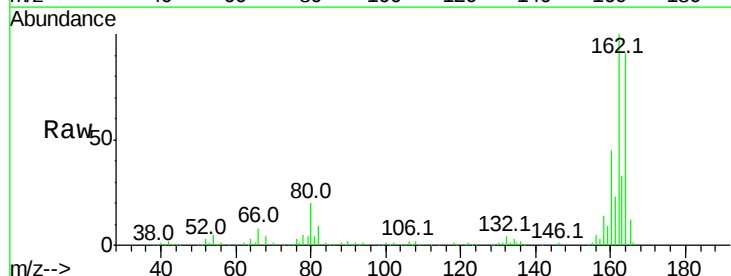
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



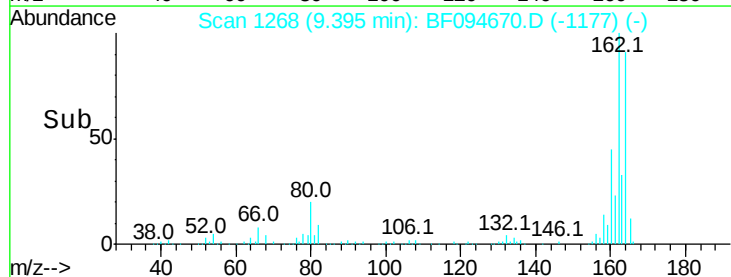
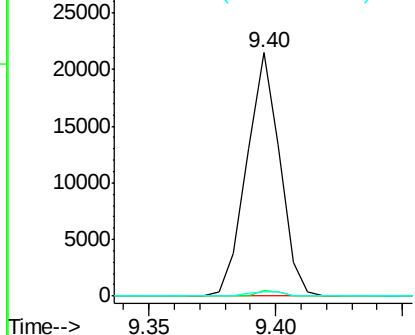
#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. 0.23 min
 Lab File: BF094670.D
 Acq: 27 Apr 2017 18:19

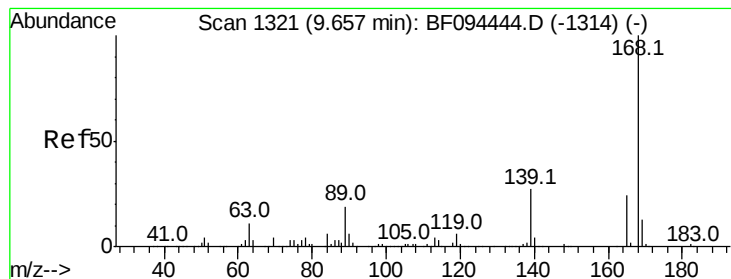
Tgt Ion:165 Resp: 19561

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.3	51.5#
89	1.9	37.1	55.7#



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





#56

2,4-Dinitrotoluene

Concen: 6.18 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.26 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 19561

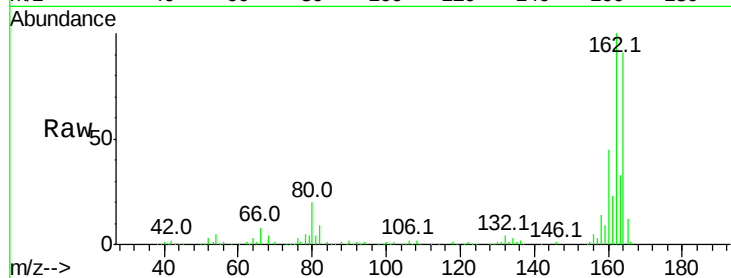
Ion Ratio Lower Upper

165 100

63 2.3 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

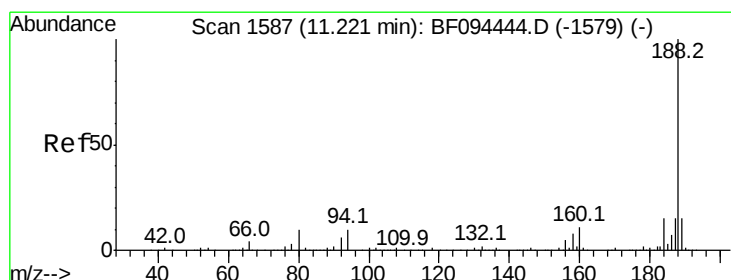
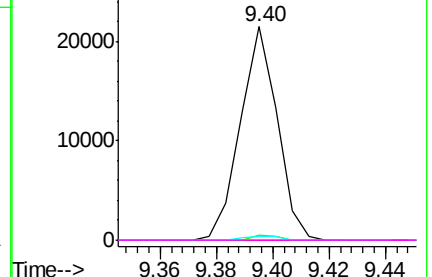
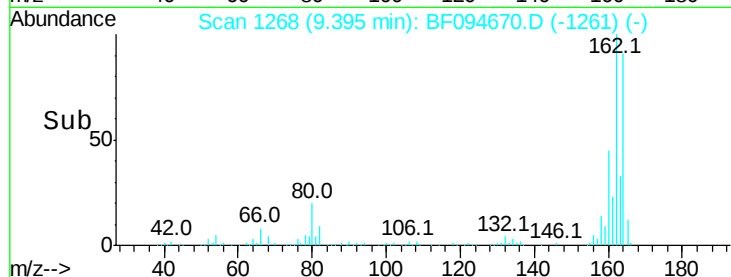


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

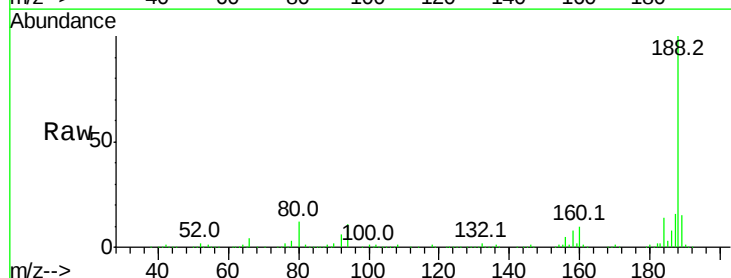
Tgt Ion:188 Resp: 378937

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

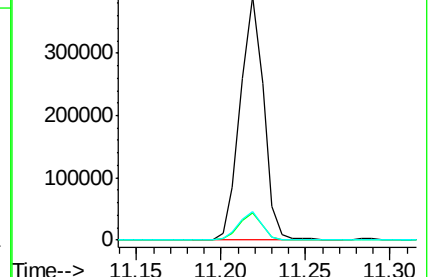
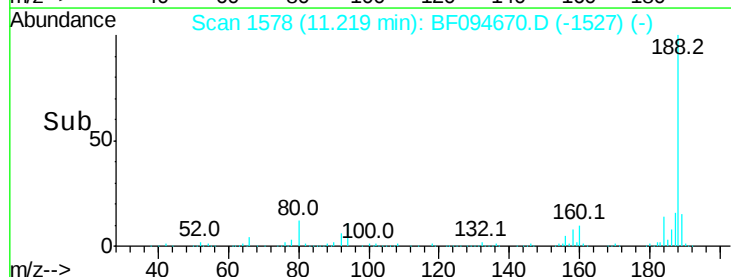
80 11.9 10.2 15.2

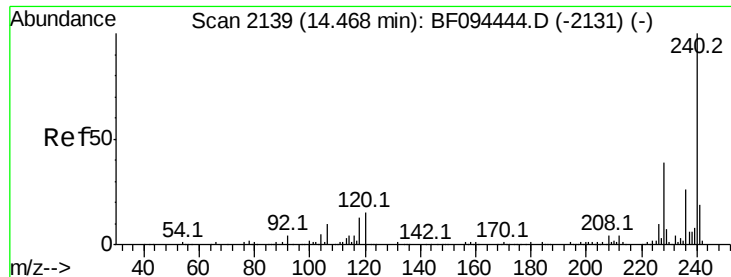


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

Instrument :

BNA_F

ClientSampleId :

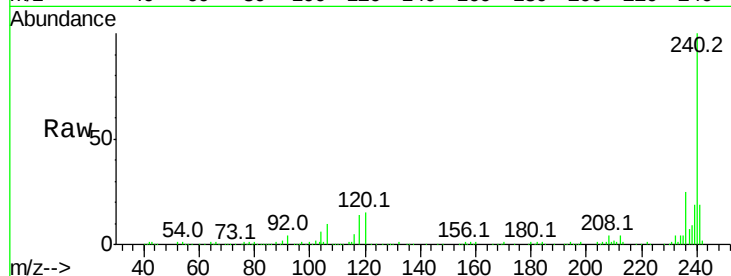
Tot Ion:240 Resp: 240685

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

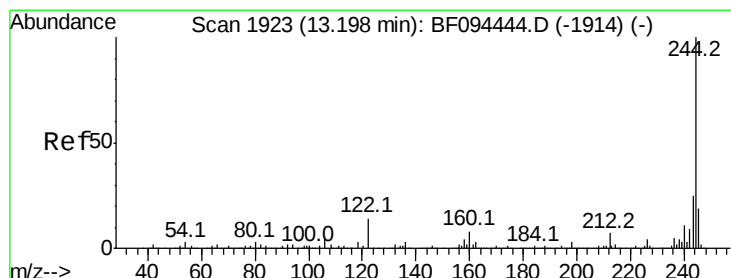
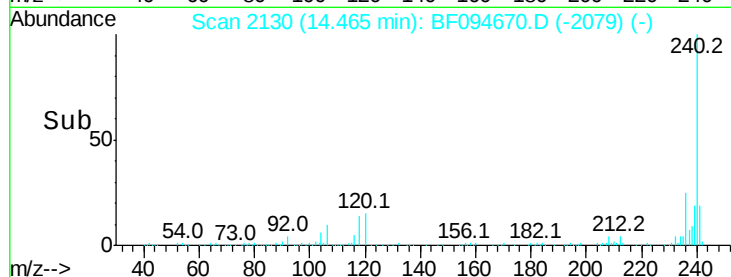
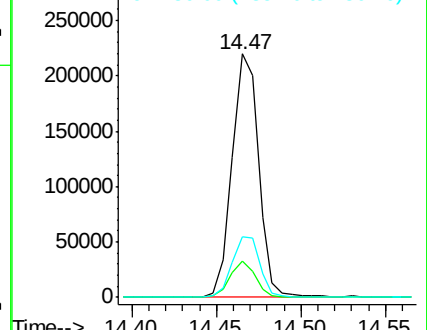
236 25.0 20.5 30.7



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



#78

Terphenyl-d14

Concen: 117.00 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094670.D

Acq: 27 Apr 2017 18:19

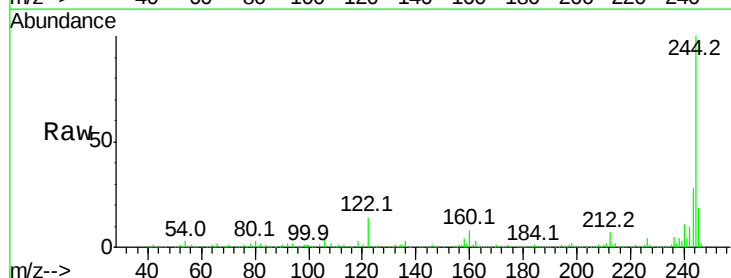
Tgt Ion:244 Resp: 1053499

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

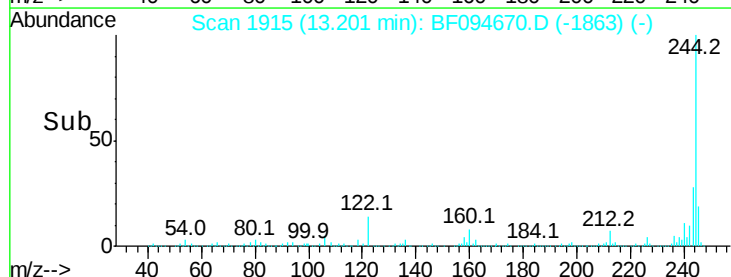
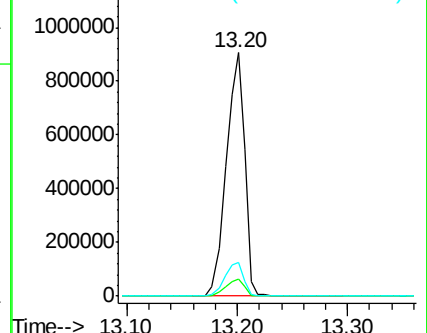
122 13.7 10.3 15.5

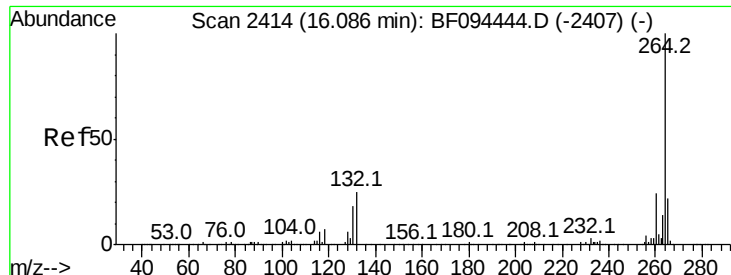


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

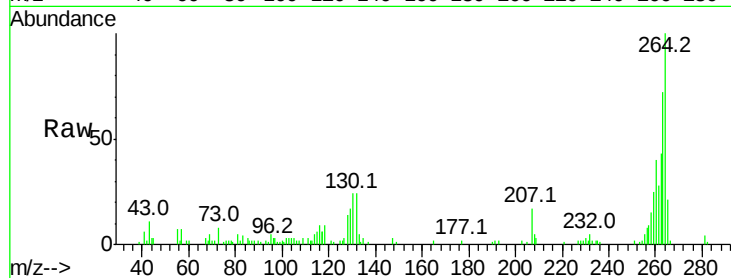




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094670.D
Acq: 27 Apr 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	39.6	19.5	29.3
265	21.4	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

