

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094676.D
 Acq On : 27 Apr 2017 21:03
 Operator : SJ/MA
 Sample : I2870-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:22:09 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

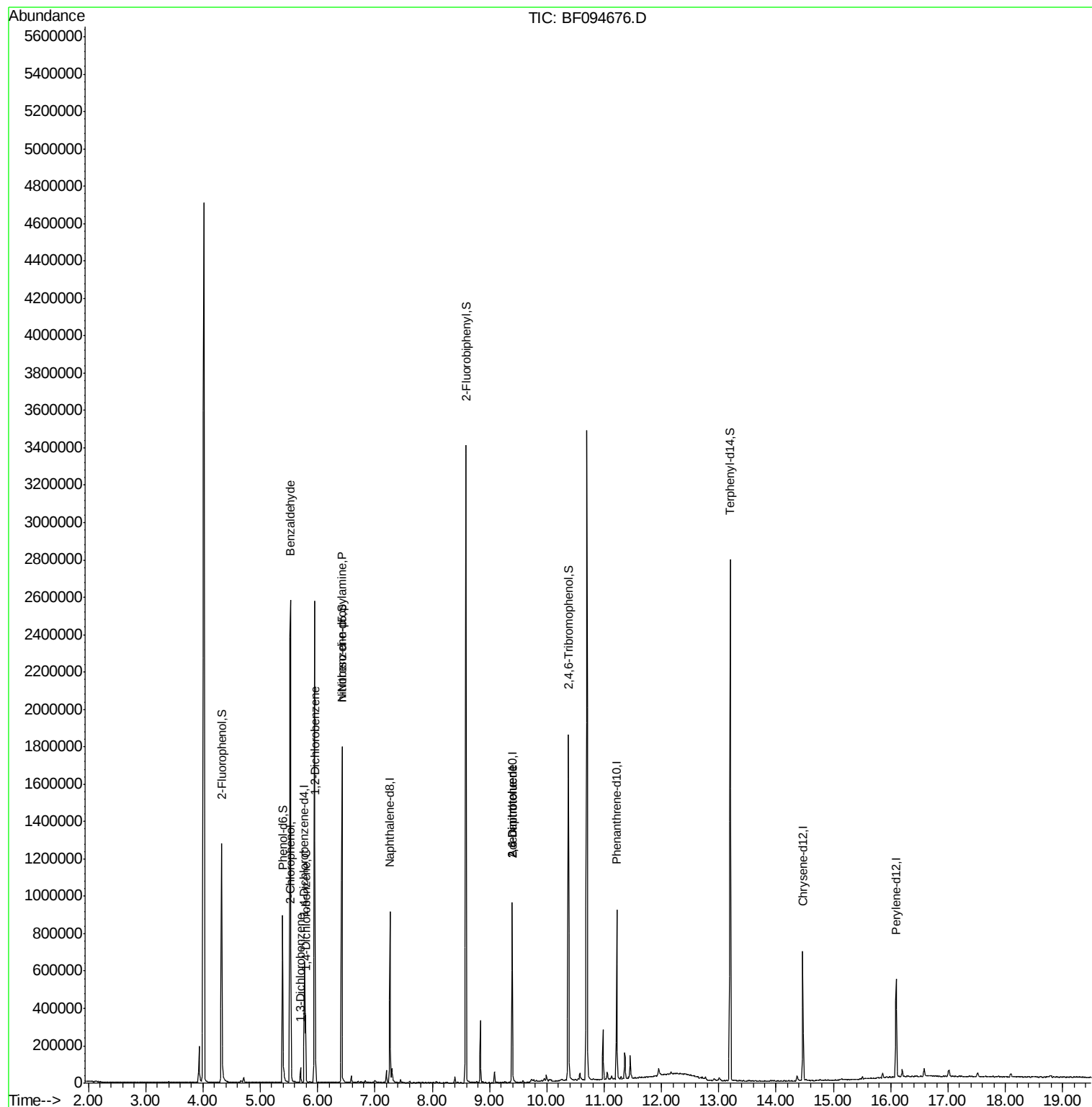
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	105424	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	434738	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	206712	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	361379	20.00	ng	0.00
75) Chrysene-d12	14.47	240	279667	20.00	ng	0.00
86) Perylene-d12	16.09	264	205017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	435301	68.50	ng	0.02
7) Phenol-d6	5.39	99	334946	44.71	ng	0.00
23) Nitrobenzene-d5	6.42	82	689433	97.92	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	245525	151.85	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1298592	92.43	ng	0.00
78) Terphenyl-d14	13.20	244	1032370	98.67	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	5.54	128	21905	3.03	ng	96
9) Benzaldehyde	5.52	77	15694	2.75	ng	85
12) 1,3-Dichlorobenzene	5.70	146	21107	2.63	ng	96
13) 1,4-Dichlorobenzene	5.79	146	85195	10.57	ng	99
14) 1,2-Dichlorobenzene	5.96	146	28640	3.86	ng	97
19) n-Nitroso-di-n-propylamine	6.42	70	91349	18.40	ng	# 75
50) 2,6-Dinitrotoluene	9.40	165	25323	7.32	ng	# 33
56) 2,4-Dinitrotoluene	9.40	165	25323	5.97	ng	# 33

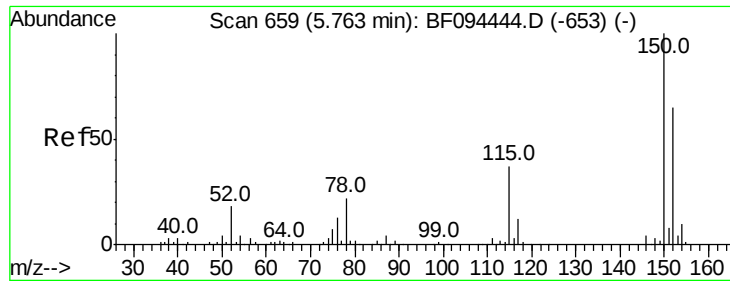
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094676.D
Acq On : 27 Apr 2017 21:03
Operator : SJ/MA
Sample : I2870-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 28 02:22:09 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

Instrument :

BNA_F

ClientSampled :

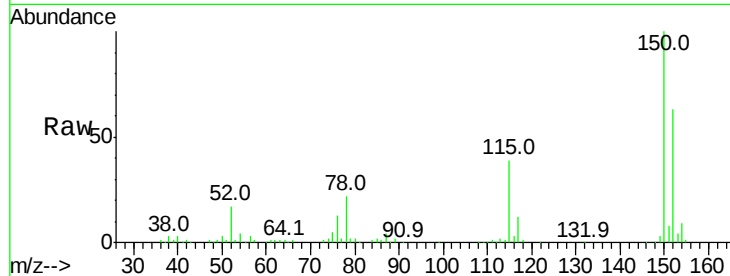
Tot Ion:152 Resp: 105424

Ion Ratio Lower Upper

152 100

150 158.0 126.2 189.2

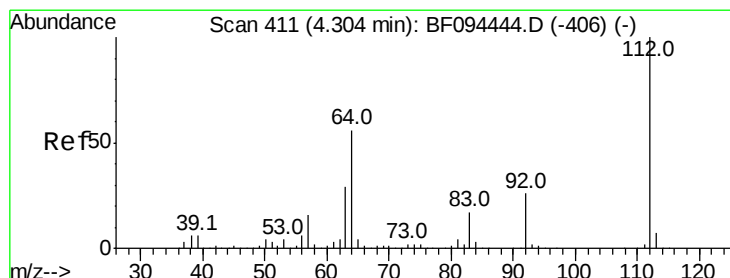
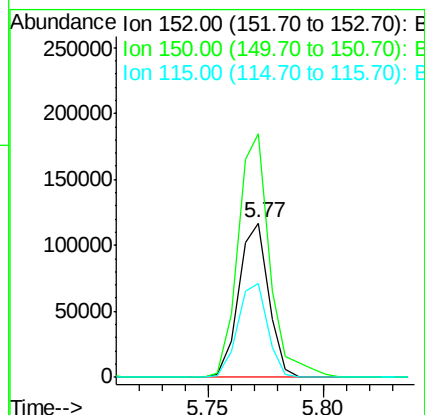
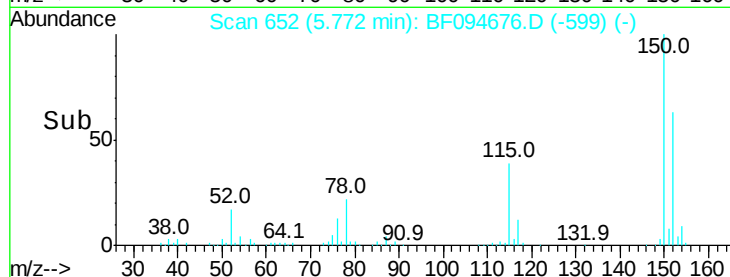
115 61.2 52.2 78.2



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: 68.50 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

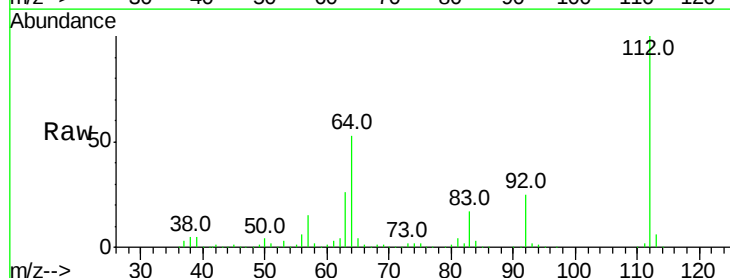
Tgt Ion:112 Resp: 435301

Ion Ratio Lower Upper

112 100

64 53.2 46.0 69.0

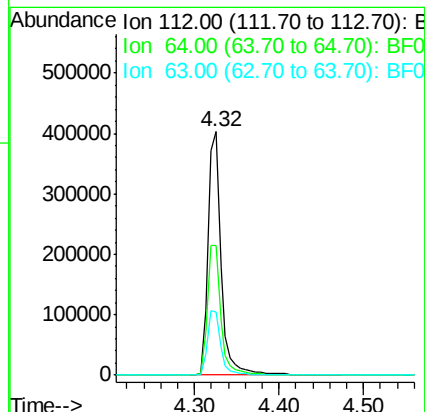
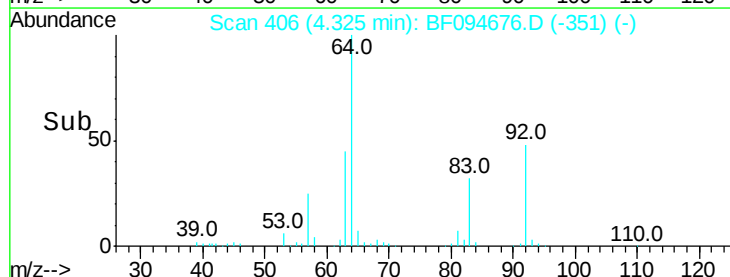
63 26.2 23.4 35.0

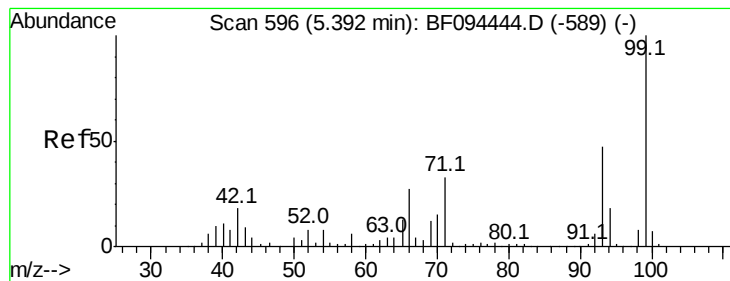


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.71 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

Instrument :

BNA_F

ClientSampleId :

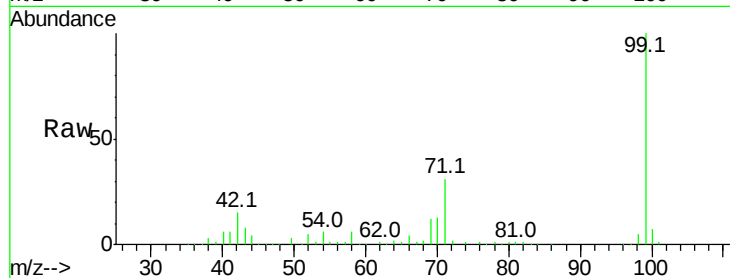
Tot Ion: 99 Resp: 334946

Ion Ratio Lower Upper

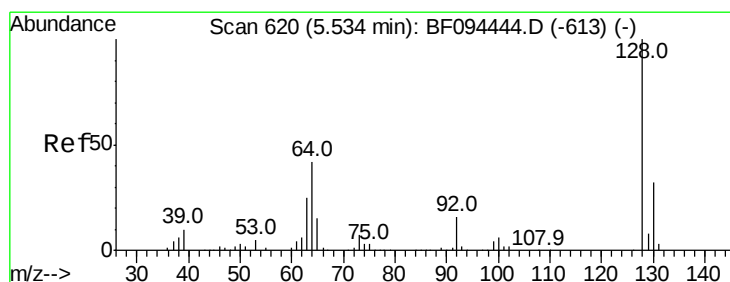
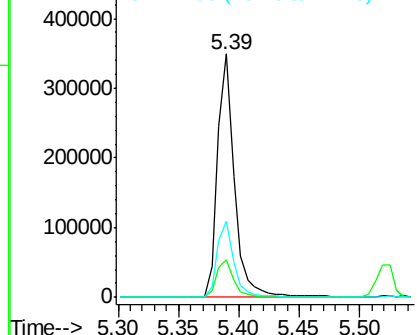
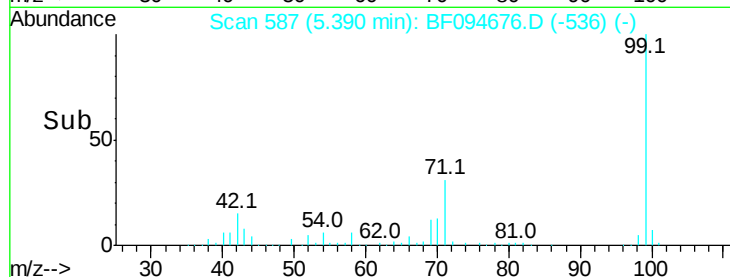
99 100

42 15.4 13.5 20.3

71 31.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 3.03 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

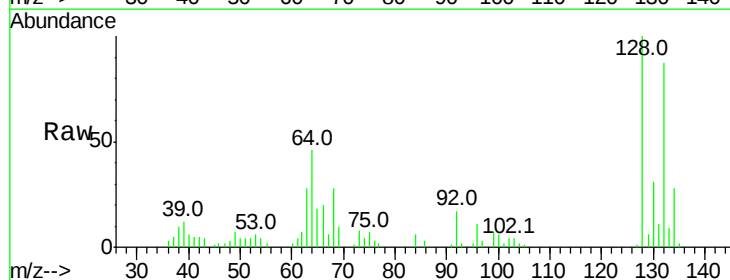
Tgt Ion:128 Resp: 21905

Ion Ratio Lower Upper

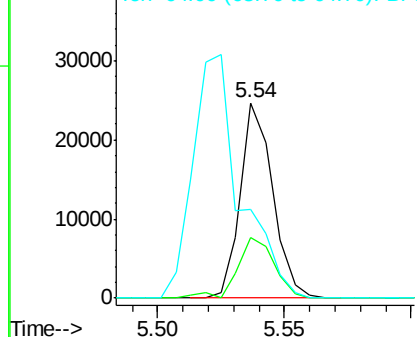
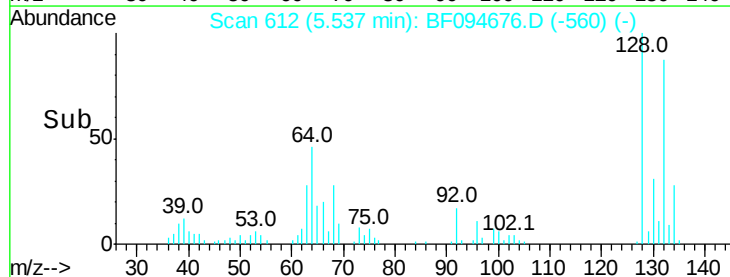
128 100

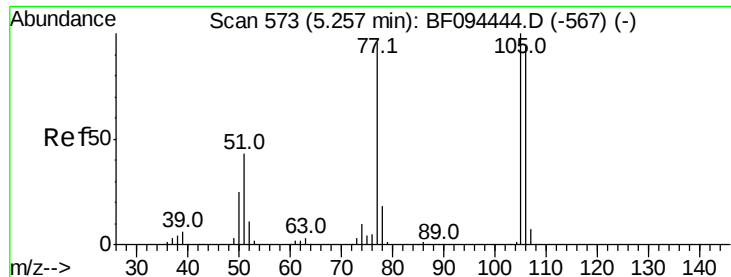
130 30.7 12.9 52.9

64 45.5 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.75 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

Instrument :

BNA_F

ClientSampleId :

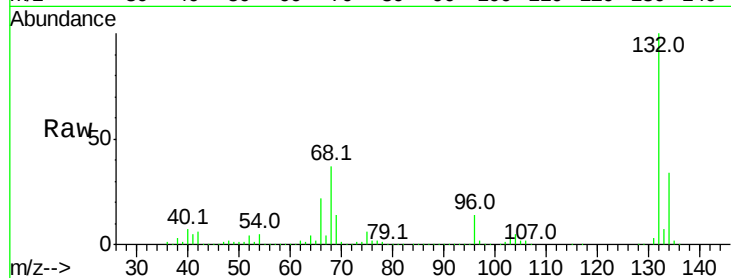
Tot Ion: 77 Resp: 15694

Ion Ratio Lower Upper

77 100

105 88.0 83.8 123.8

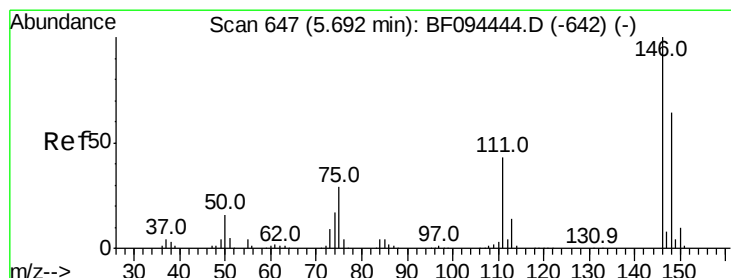
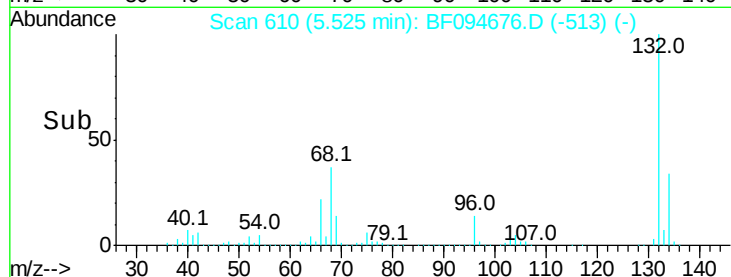
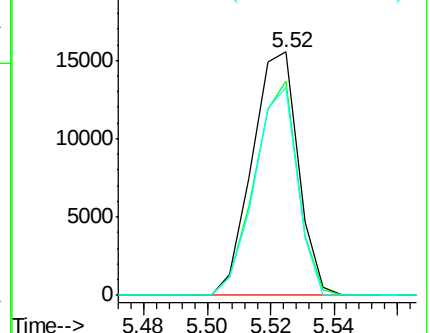
106 85.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#12

1,3-Dichlorobenzene

Concen: 2.63 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

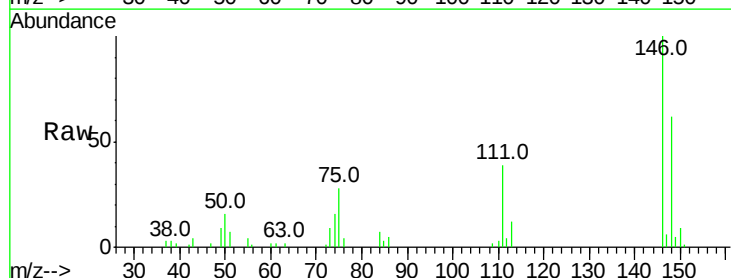
Tgt Ion: 146 Resp: 21107

Ion Ratio Lower Upper

146 100

148 61.5 51.8 77.6

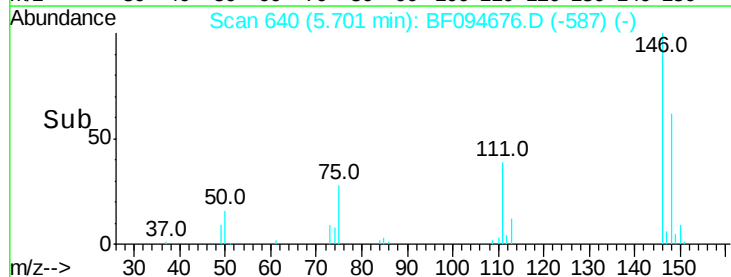
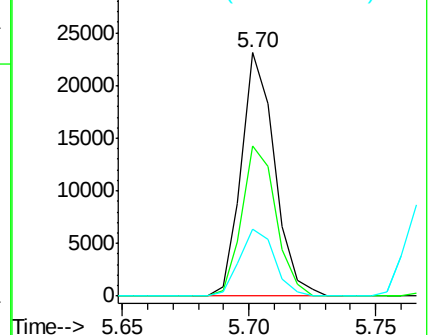
75 27.6 23.1 34.7

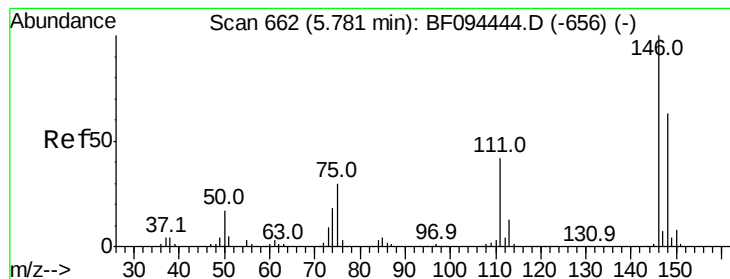


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 10.57 ng

RT: 5.79 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

Instrument :

BNA_F

ClientSampled :

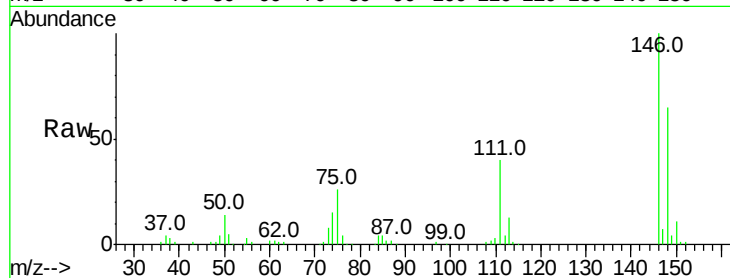
Tot Ion:146 Resp: 85195

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

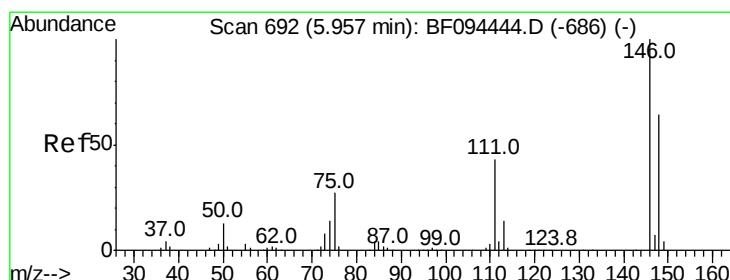
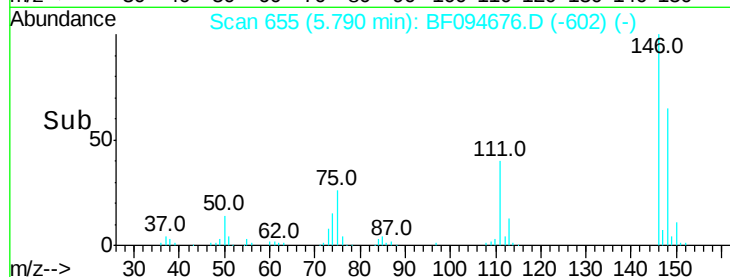
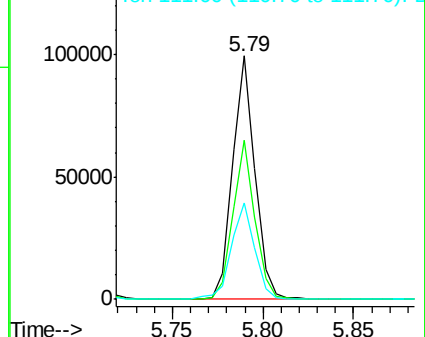
111 39.7 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 3.86 ng

RT: 5.96 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

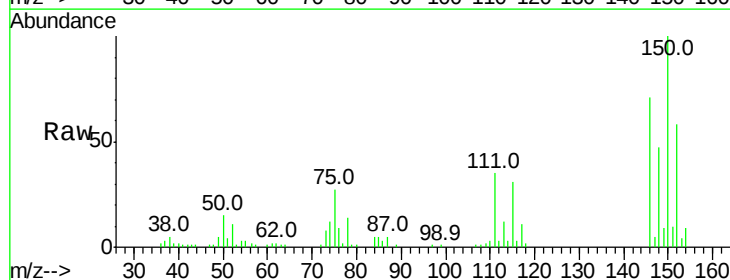
Tgt Ion:146 Resp: 28640

Ion Ratio Lower Upper

146 100

148 65.7 50.4 75.6

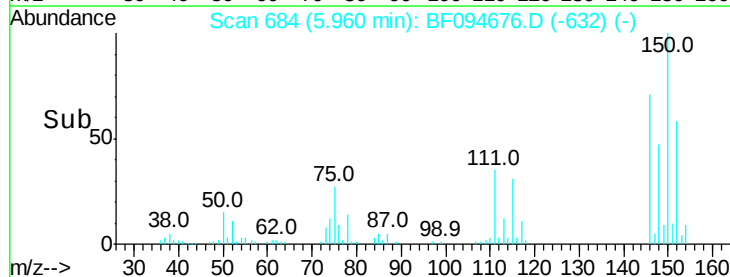
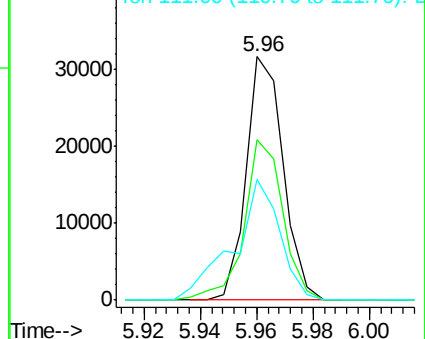
111 49.6 38.2 57.4

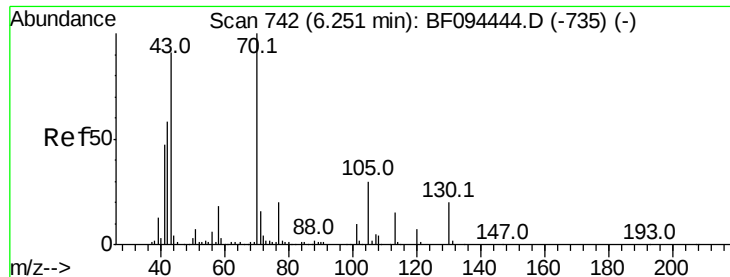


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

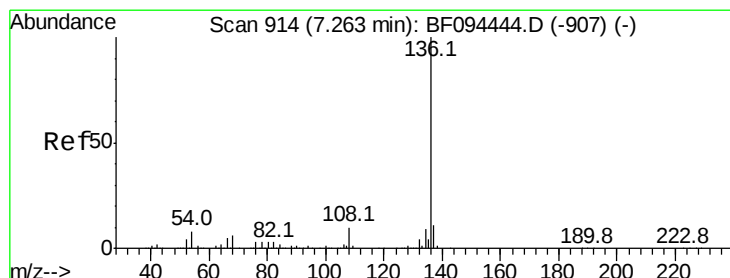
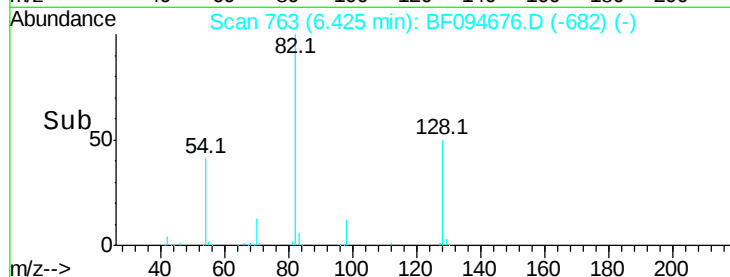
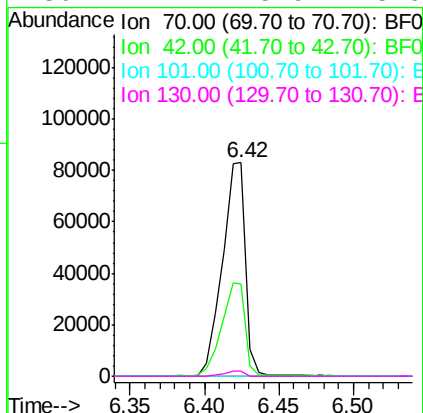
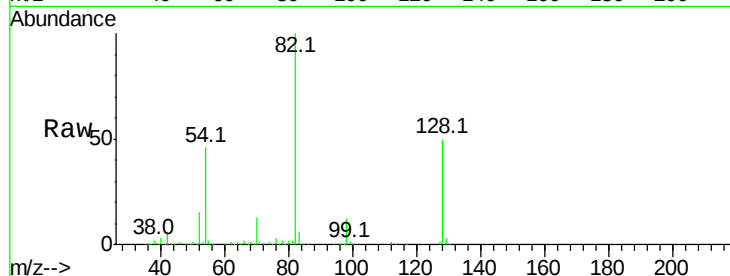




#19
n-Nitroso-di-n-propylamine
Concen: 18.40 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.17 min
Lab File: BF094676.D
Acq: 27 Apr 2017 21:03

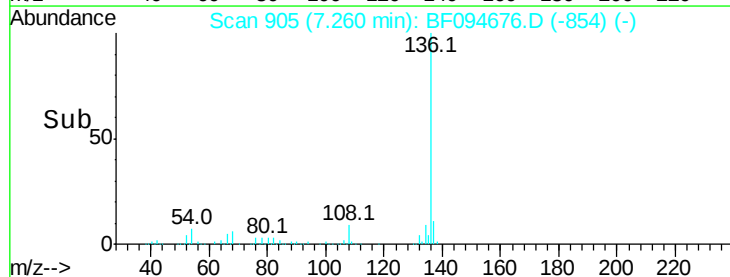
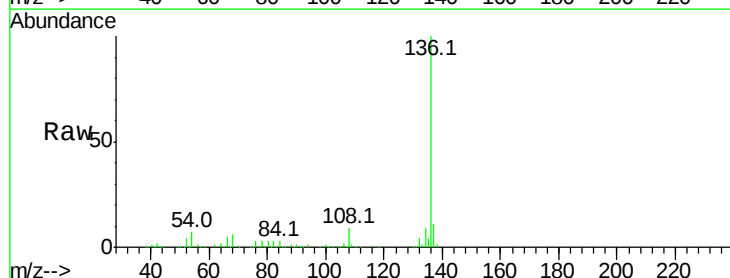
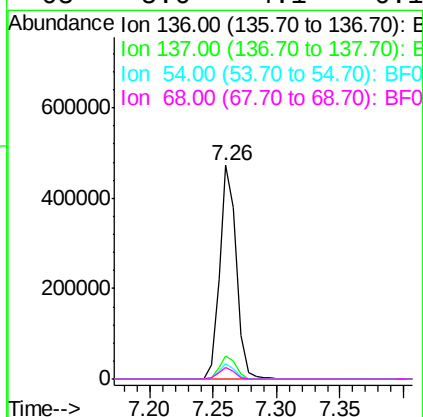
Instrument :
BNA_F
ClientSampleId :

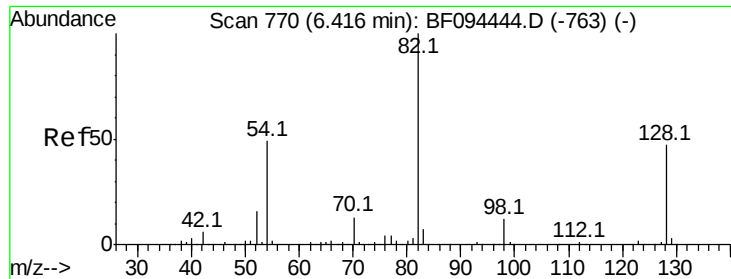
Tot Ion: 70 Resp: 91349
Ion Ratio Lower Upper
70 100
42 43.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094676.D
Acq: 27 Apr 2017 21:03

Tgt Ion: 136 Resp: 434738
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.3 4.9 7.3#
68 5.6 4.1 6.1

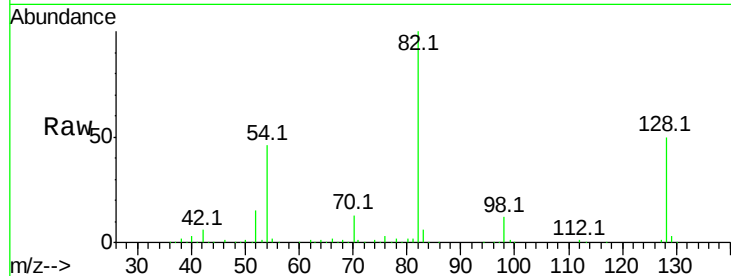




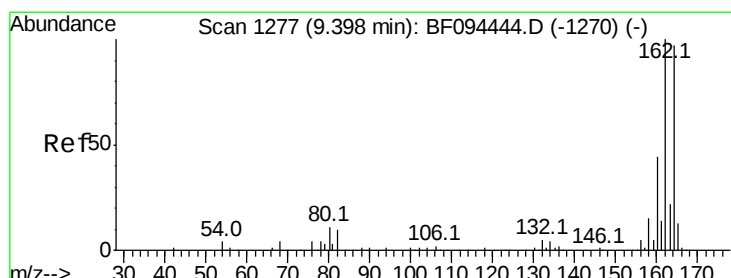
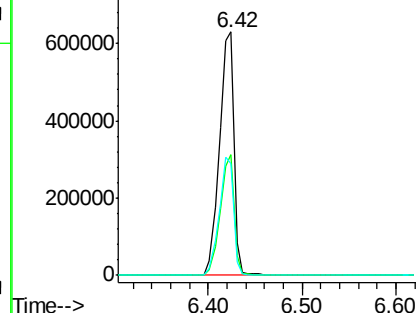
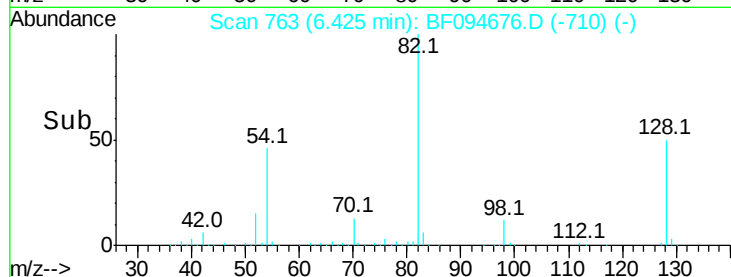
#23
 Nitrobenzene-d5
 Concen: 97.92 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094676.D
 Acq: 27 Apr 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	689433
Ion Ratio	Lower	Upper	
82	100		
128	49.7	34.0	51.0
54	46.1	42.2	63.2

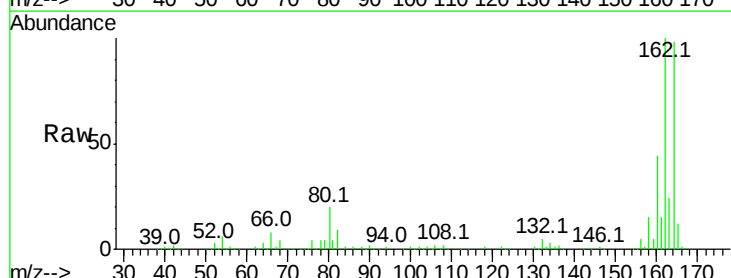


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

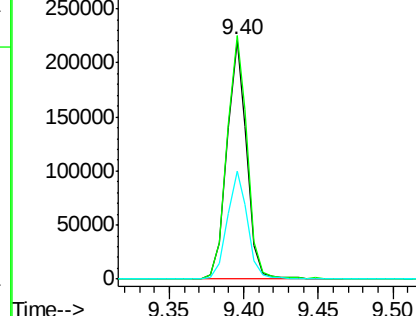
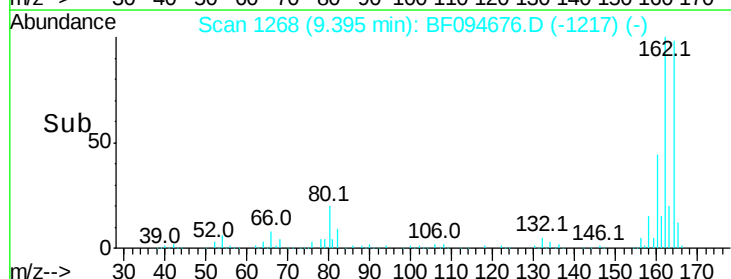


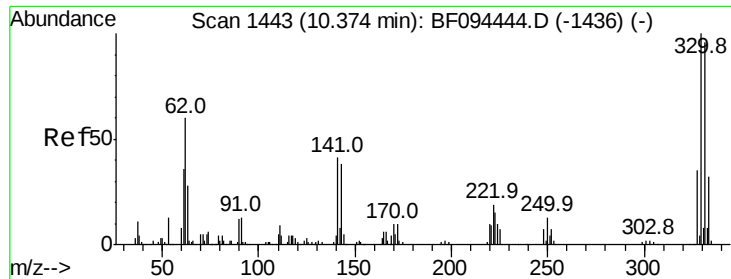
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094676.D
 Acq: 27 Apr 2017 21:03

Tgt Ion	164	Resp	206712
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.6	123.8
160	45.4	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

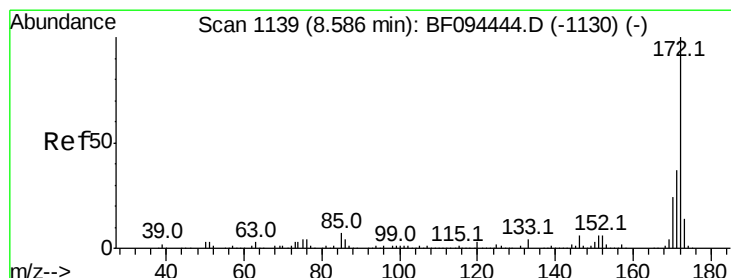
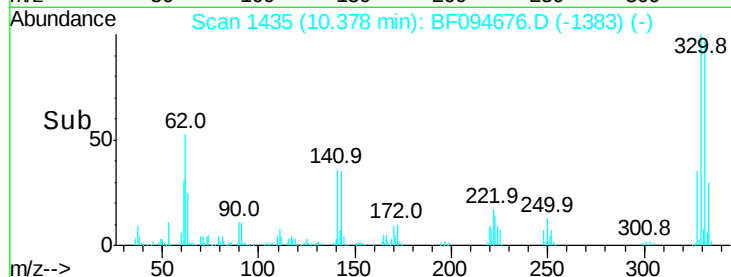
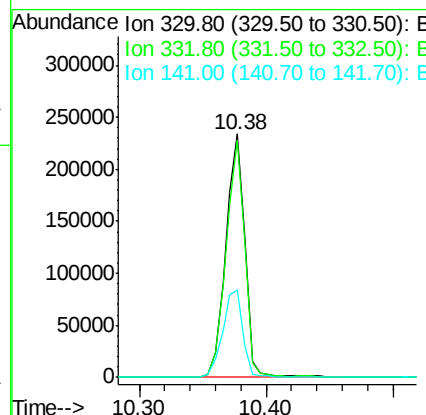
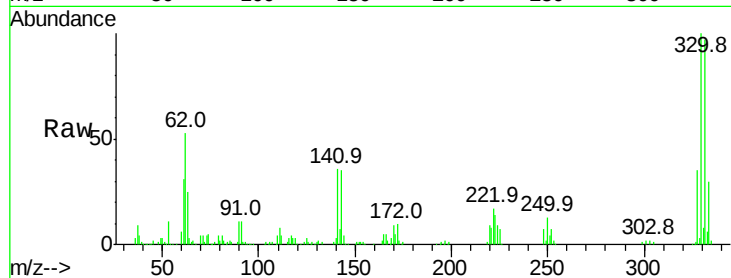




#41
 2,4,6-Tribromophenol
 Concen: 151.85 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094676.D
 Acq: 27 Apr 2017 21:03

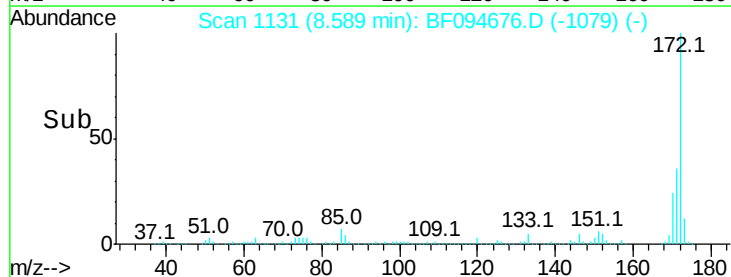
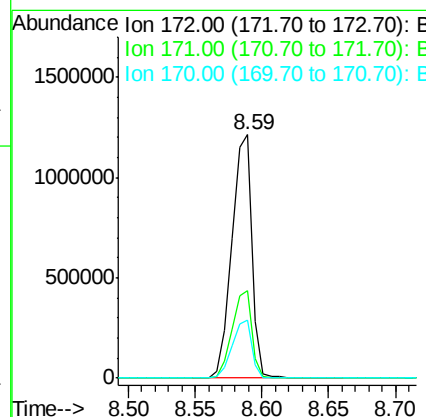
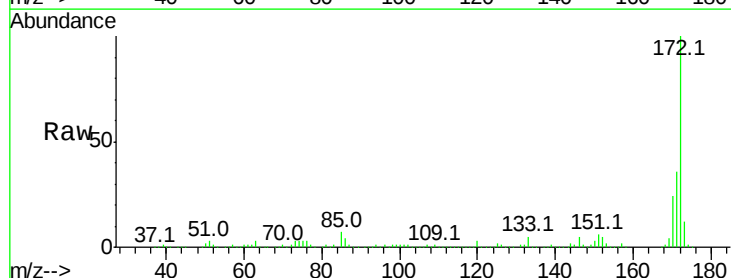
Instrument :
 BNA_F
 ClientSampleId :

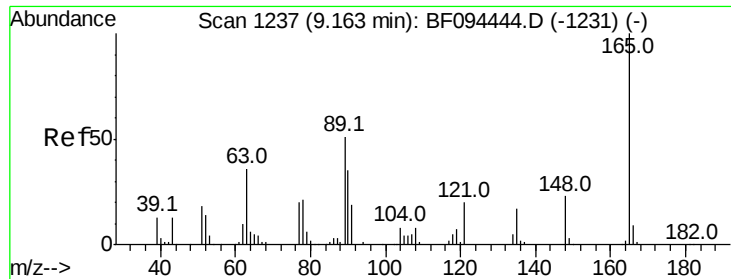
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	38.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094676.D
 Acq: 27 Apr 2017 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

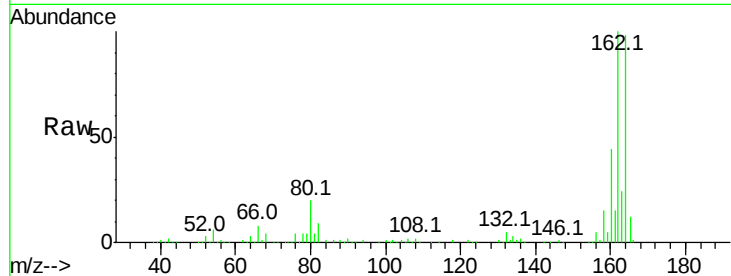




#50
 2,6-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. 0.23 min
 Lab File: BF094676.D
 Acq: 27 Apr 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :

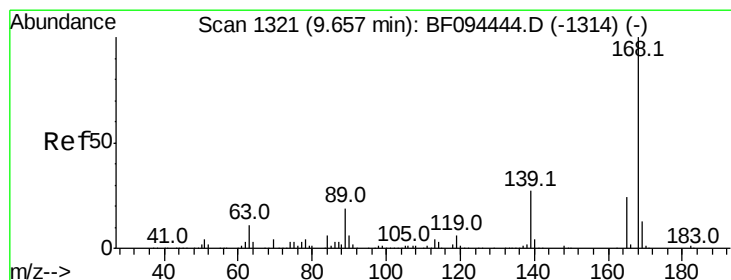
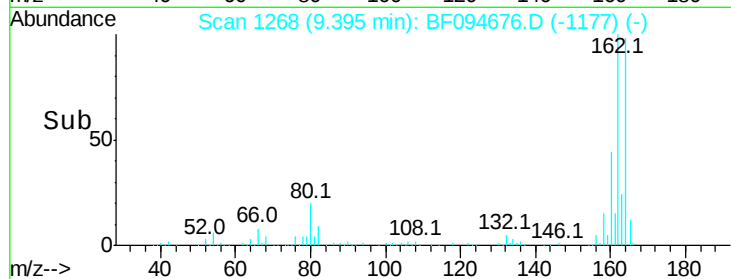
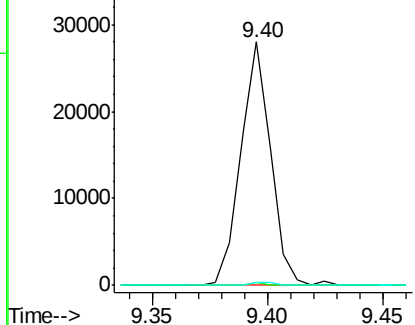
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.3	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

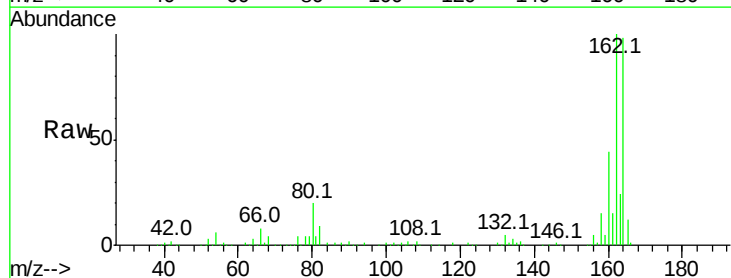
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094676.D
 Acq: 27 Apr 2017 21:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

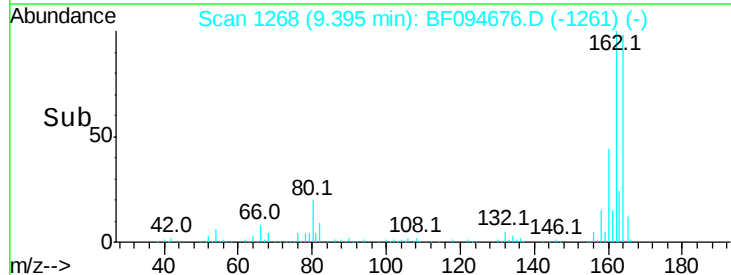
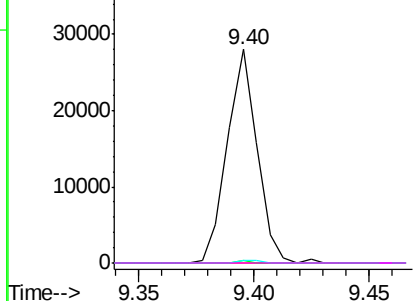


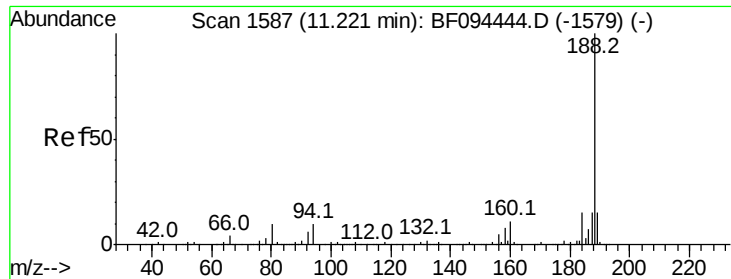
Abundance Ion 165.00 (164.70 to 165.70): E

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

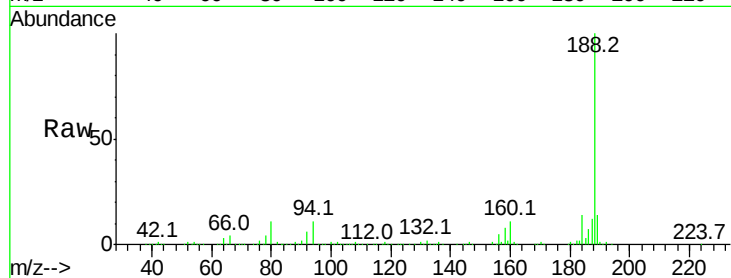




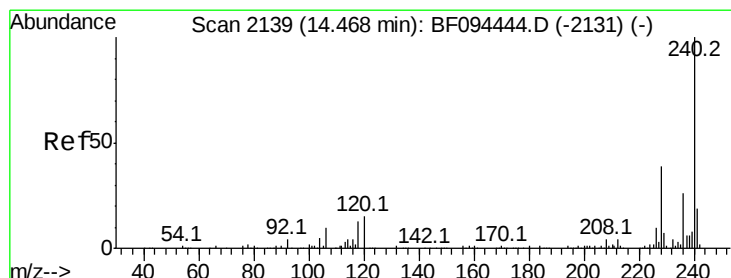
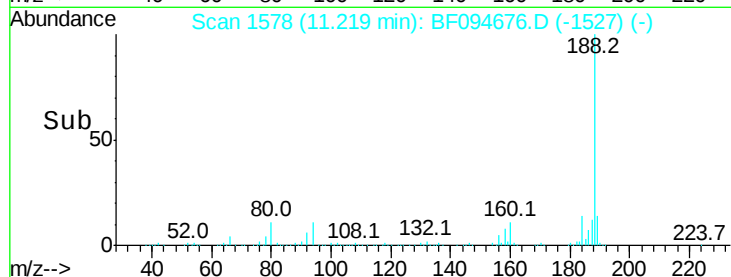
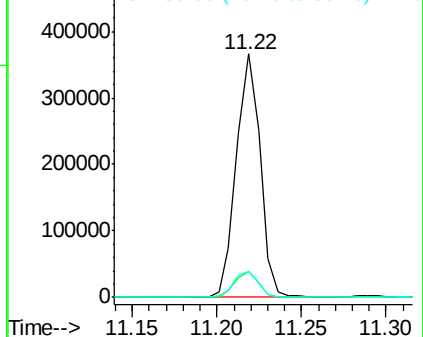
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094676.D
Acq: 27 Apr 2017 21:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 361379
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.7 10.2 15.2

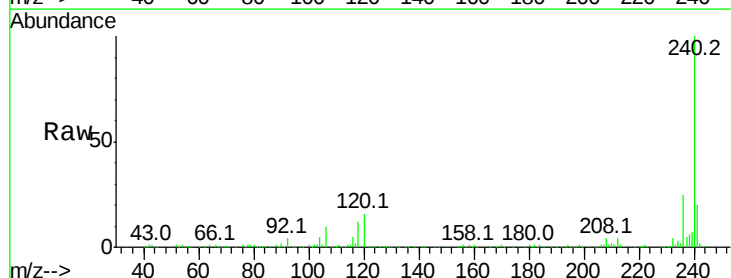


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

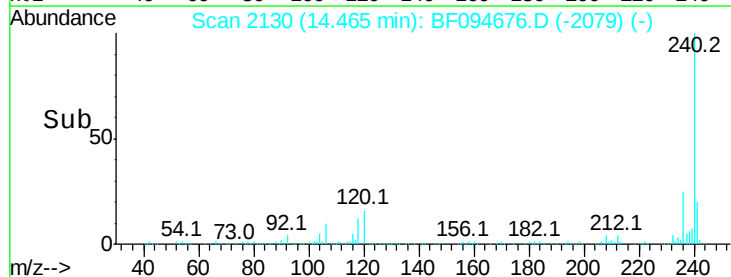
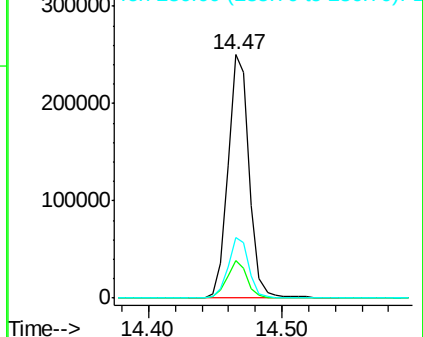


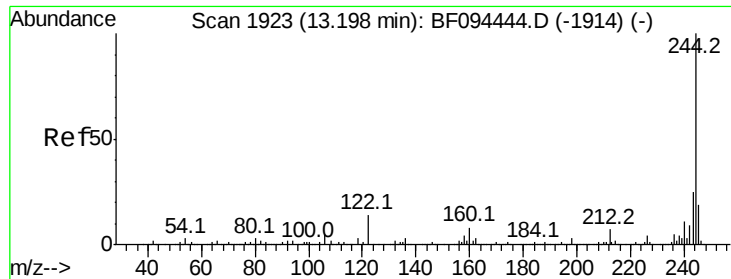
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094676.D
Acq: 27 Apr 2017 21:03

Tgt Ion:240 Resp: 279667
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 25.1 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: 98.67 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

Instrument :

BNA_F

ClientSampleId :

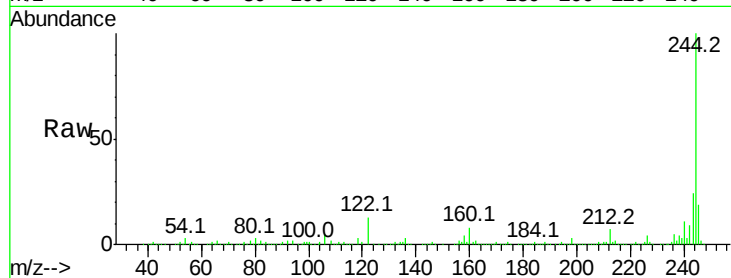
Tot Ion:244 Resp: 1032370

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

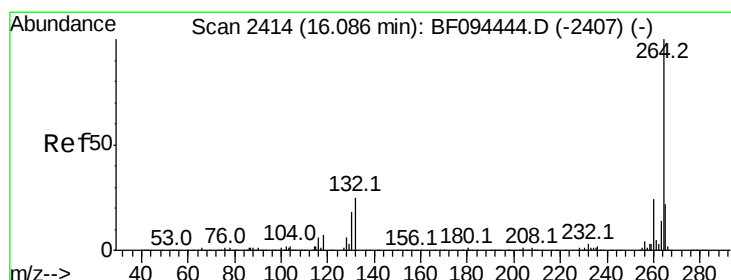
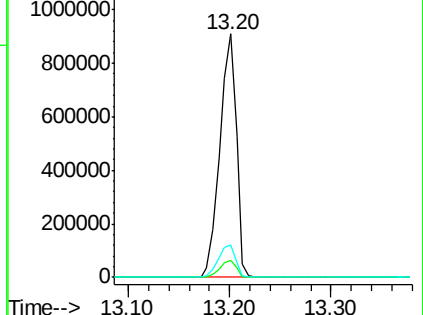
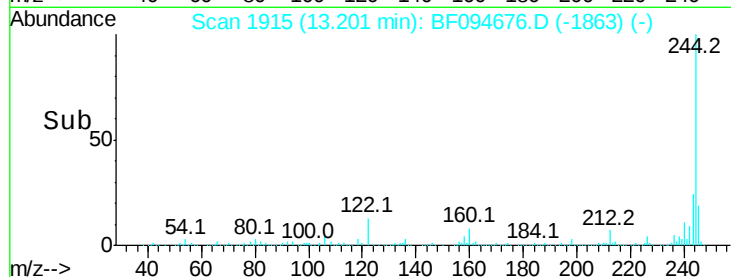
122 13.3 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094676.D

Acq: 27 Apr 2017 21:03

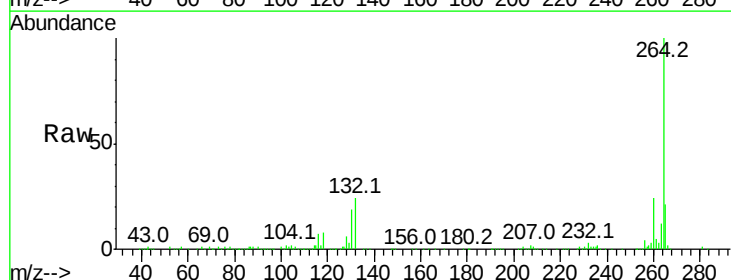
Tgt Ion:264 Resp: 205017

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 20.9 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

