

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094715.D
 Acq On : 30 Apr 2017 15:31
 Operator : SJ/MA
 Sample : I2873-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:27 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

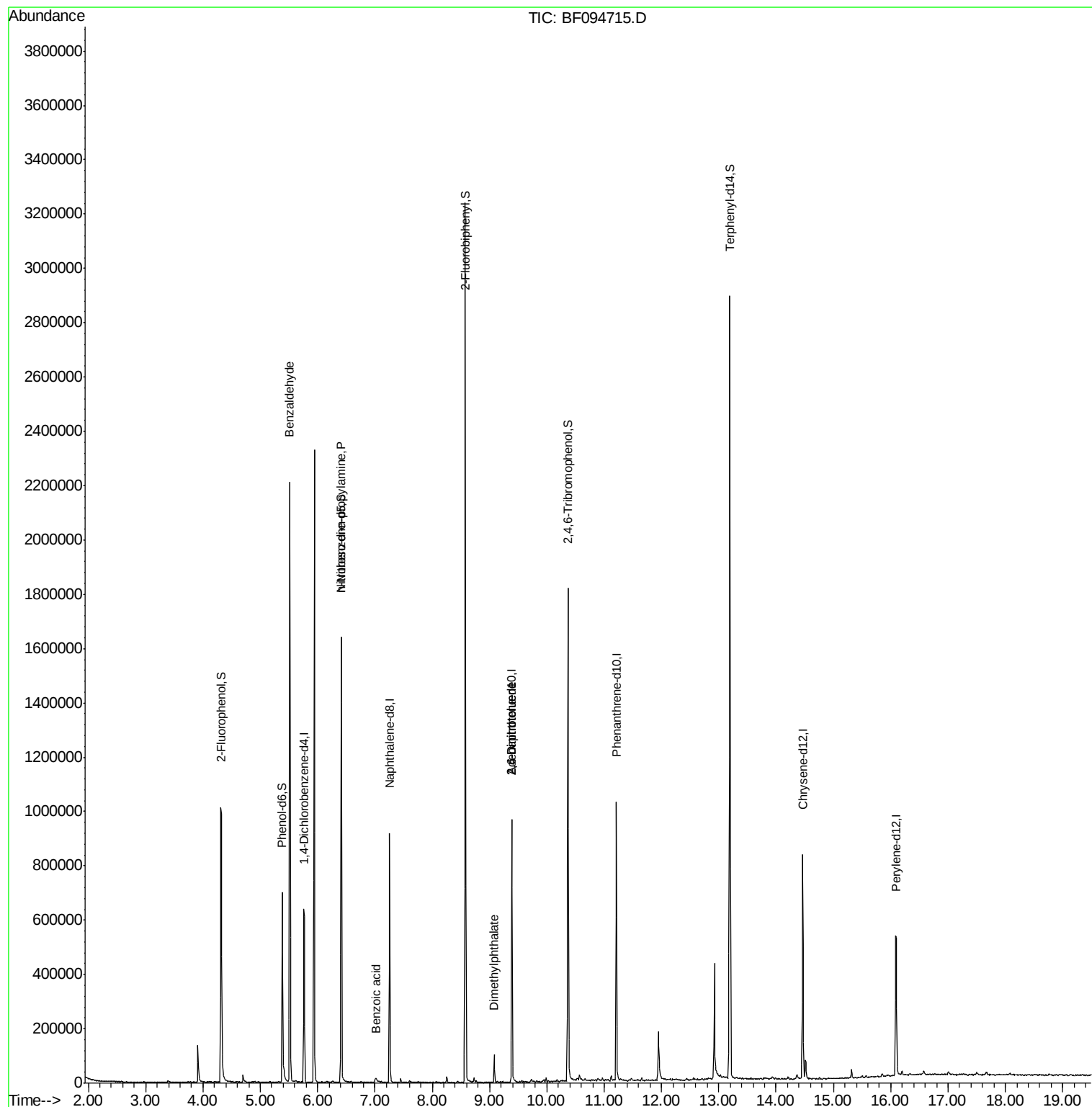
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109016	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	449292	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	215116	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	390768	20.00	ng	0.00
75) Chrysene-d12	14.47	240	328431	20.00	ng	0.00
86) Perylene-d12	16.09	264	223673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	368582	56.09	ng	0.02
7) Phenol-d6	5.38	99	285540	36.86	ng	0.00
23) Nitrobenzene-d5	6.41	82	617122	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	240793	143.11	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1255669	85.88	ng	0.00
78) Terphenyl-d14	13.20	244	1219326	99.23	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	5.51	77	13446	2.28	ng	# 78
19) n-Nitroso-di-n-propylamine	6.41	70	80567	15.70	ng	# 76
32) Benzoic acid	7.01	122	7550	2.14	ng	87
49) Dimethylphthalate	9.08	163	44945	2.80	ng	99
50) 2,6-Dinitrotoluene	9.39	165	26911	7.48	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	26911	6.10	ng	# 32

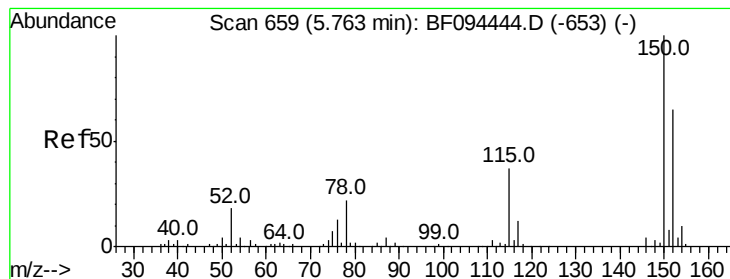
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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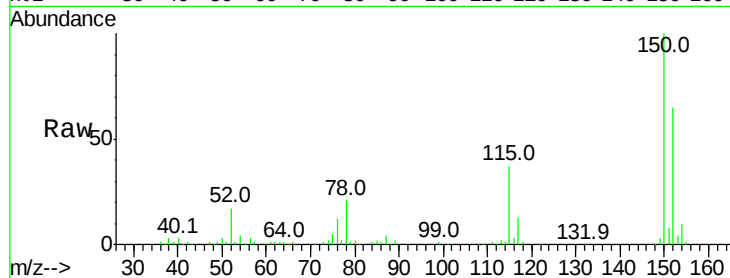


#1

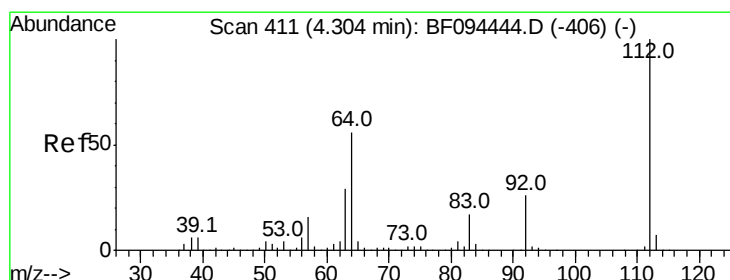
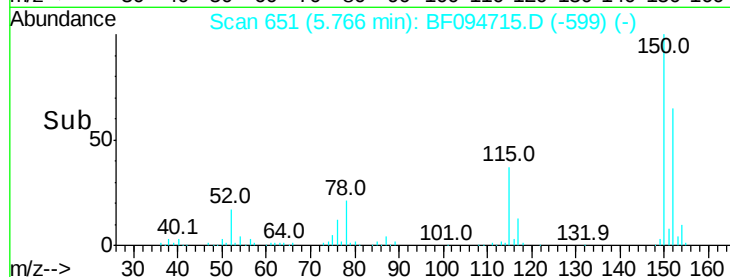
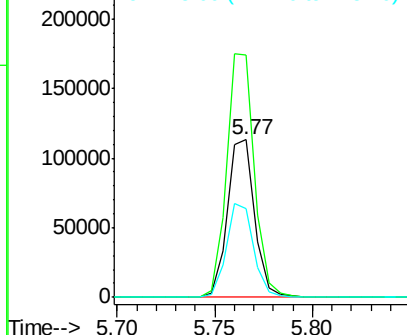
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109016
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 56.3 52.2 78.2



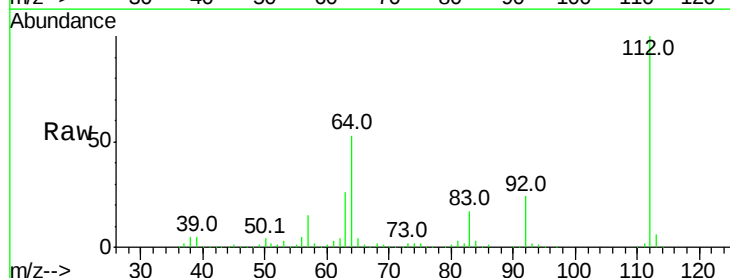
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



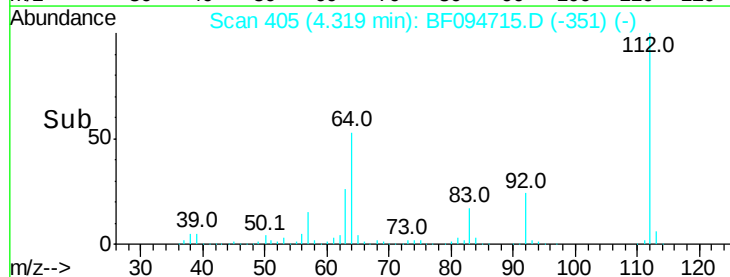
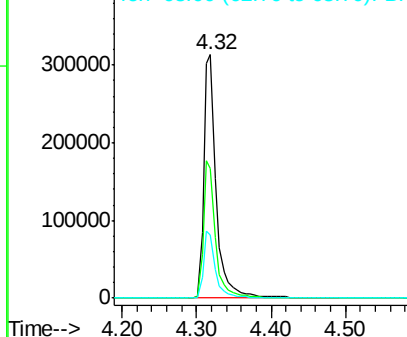
#5

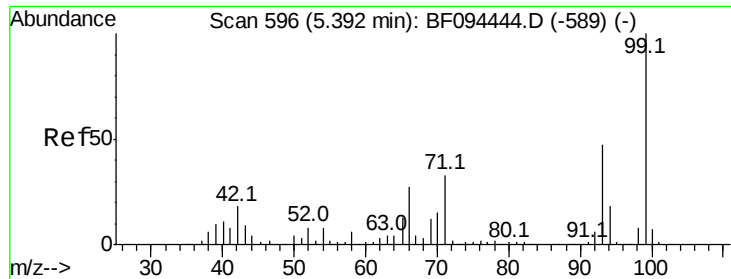
2-Fluorophenol
Concen: 56.09 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion:112 Resp: 368582
Ion Ratio Lower Upper
112 100
64 53.0 46.0 69.0
63 26.1 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: 36.86 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094715.D

Acq: 30 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

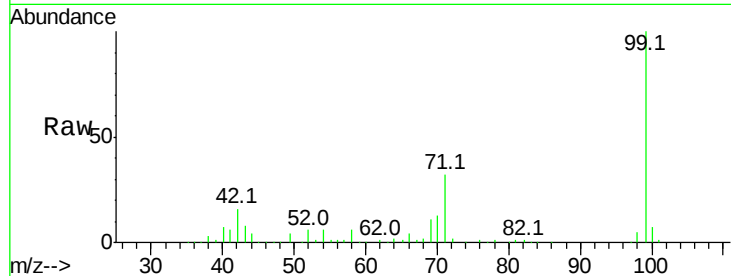
Tot Ion: 99 Resp: 285540

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

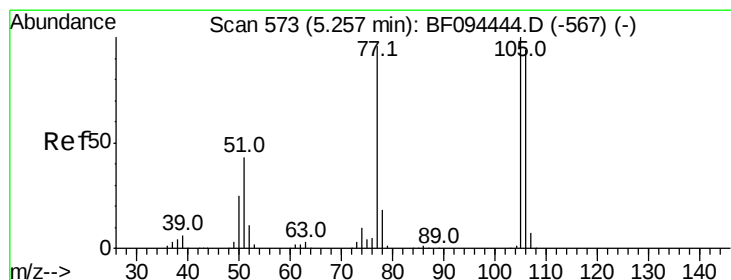
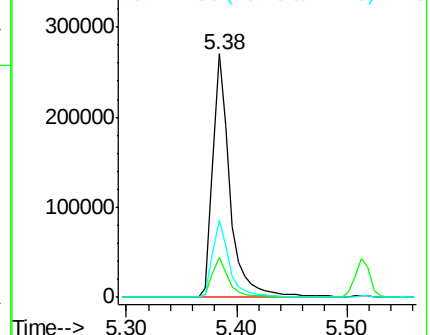
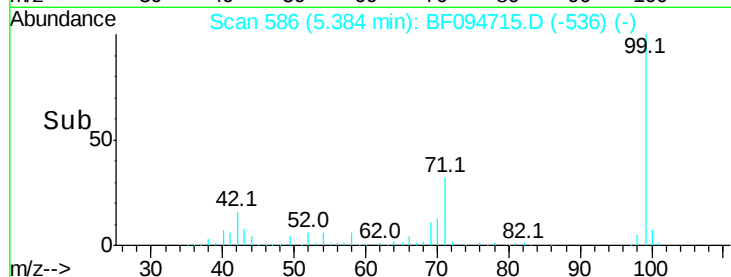
71 31.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.28 ng

RT: 5.51 min Scan# 608

Delta R.T. 0.26 min

Lab File: BF094715.D

Acq: 30 Apr 2017 15:31

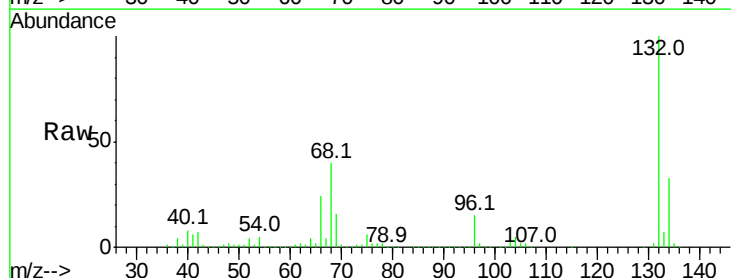
Tgt Ion: 77 Resp: 13446

Ion Ratio Lower Upper

77 100

105 79.9 83.8 123.8#

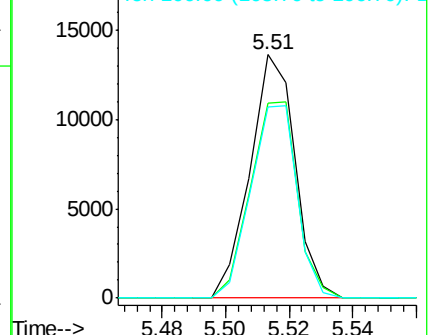
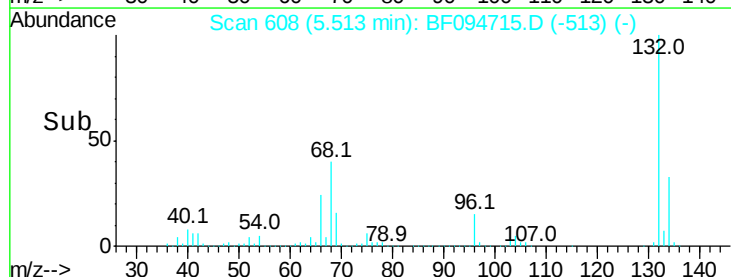
106 78.6 79.1 119.1#

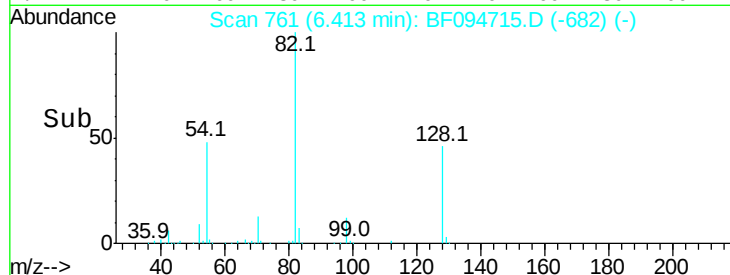
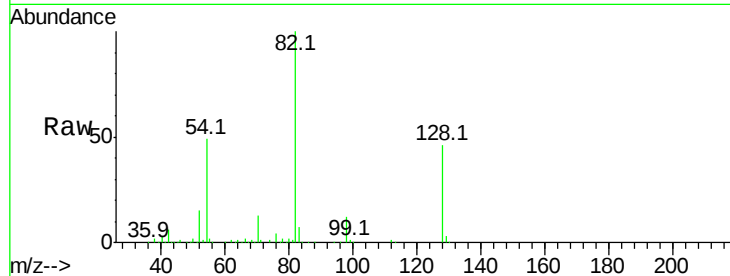
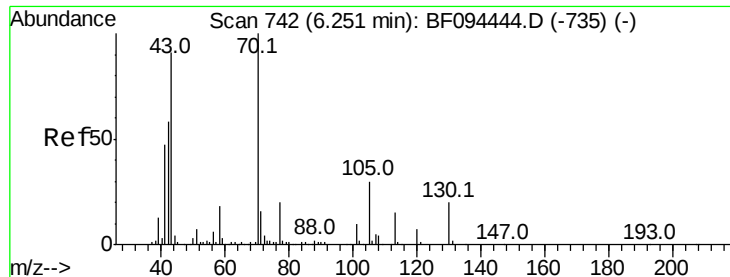


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

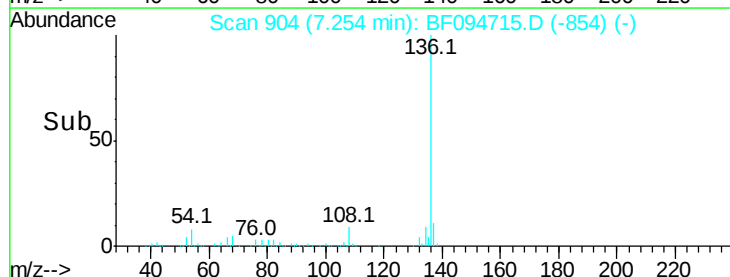
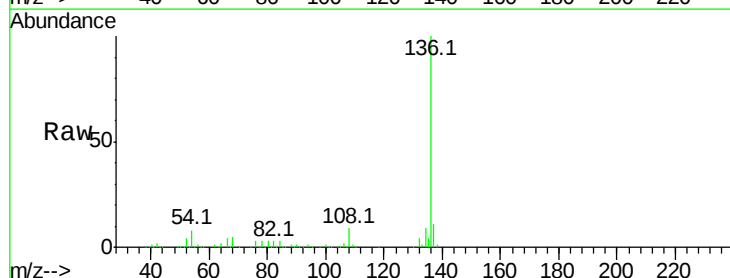
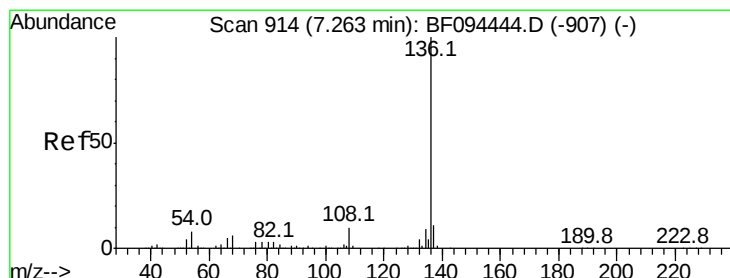
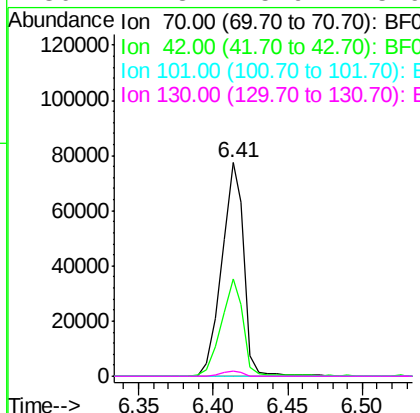




#19
n-Nitroso-di-n-propylamine
Concen: 15.70 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

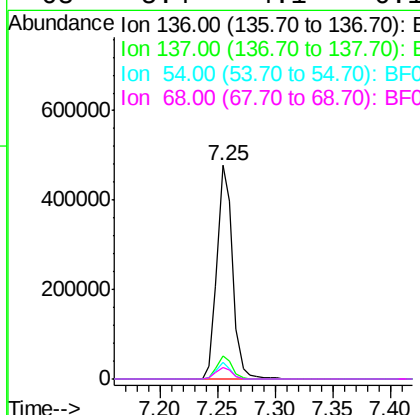
Instrument :
BNA_F
ClientSampleId :

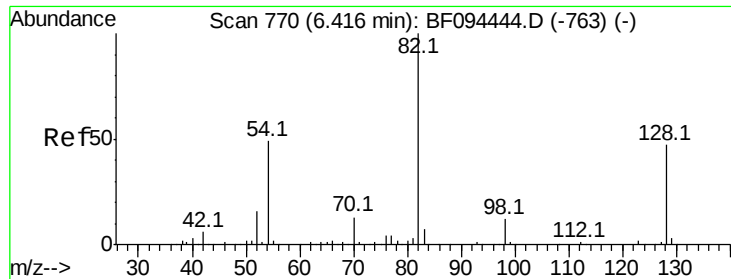
Tot Ion: 70 Resp: 80567
Ion Ratio Lower Upper
70 100
42 45.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion:136 Resp: 449292
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.7 4.9 7.3#
68 5.4 4.1 6.1

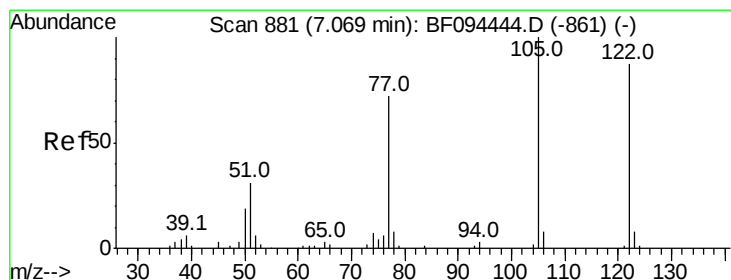
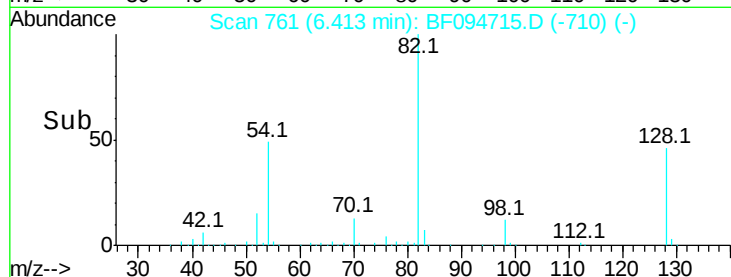
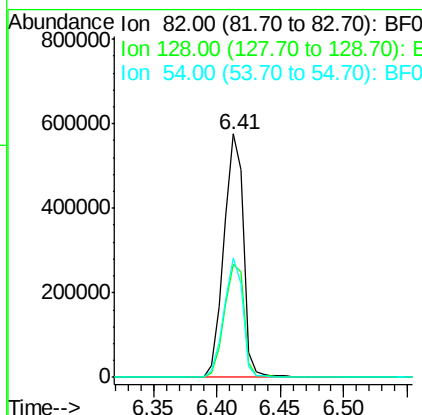
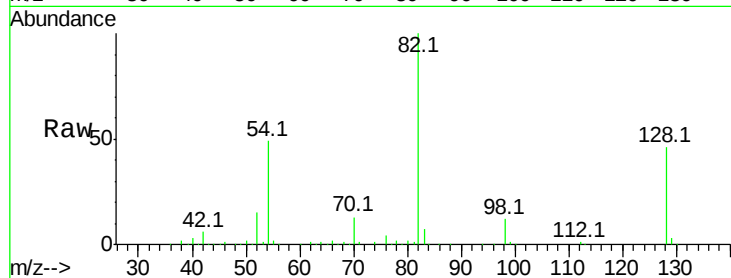




#23
Nitrobenzene-d5
Concen: 84.81 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

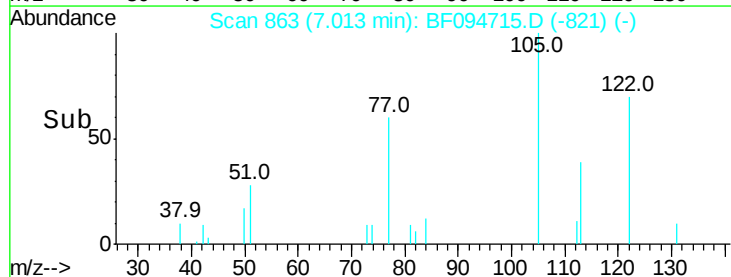
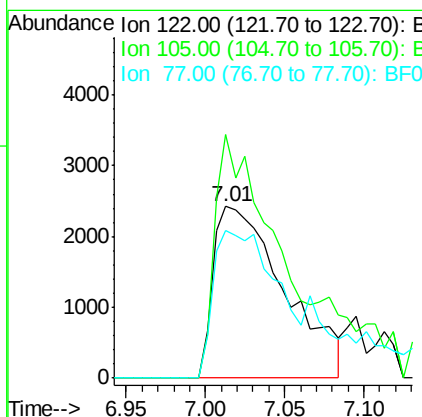
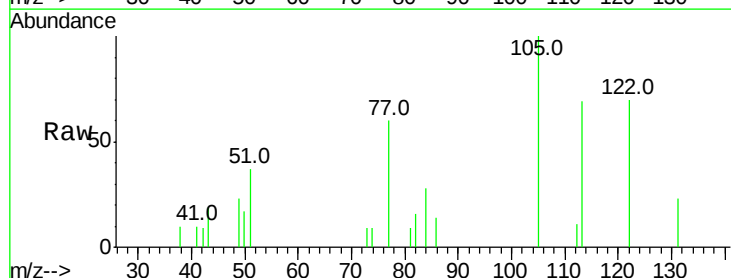
Instrument :
BNA_F
ClientSampled :

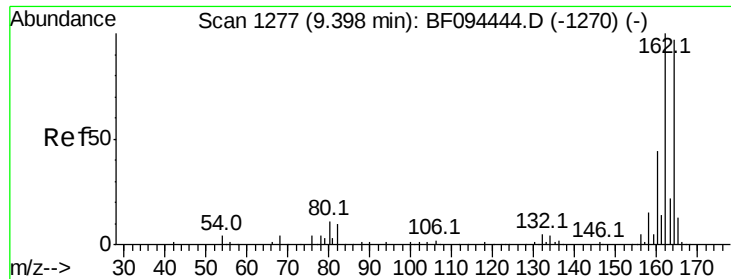
Tot Ion: 82 Resp: 617122
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 49.0 42.2 63.2



#32
Benzoic acid
Concen: 2.14 ng
RT: 7.01 min Scan# 863
Delta R.T. -0.06 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion:122 Resp: 7550
Ion Ratio Lower Upper
122 100
105 141.9 103.3 143.3
77 85.8 73.7 113.7

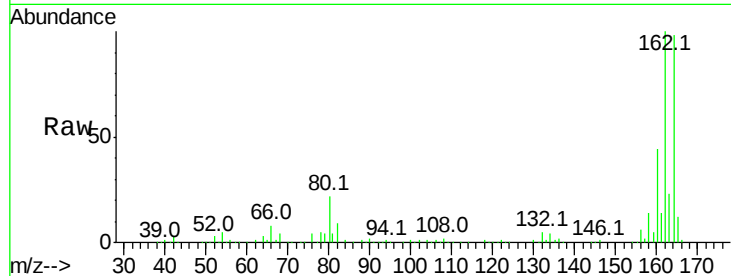




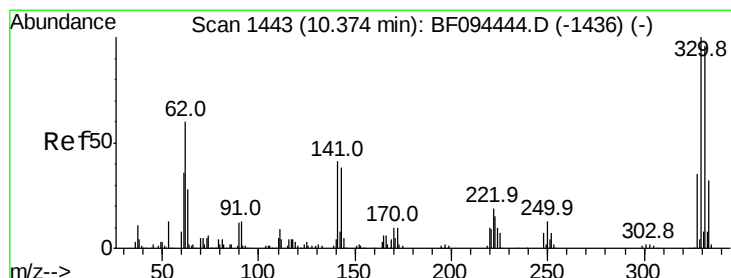
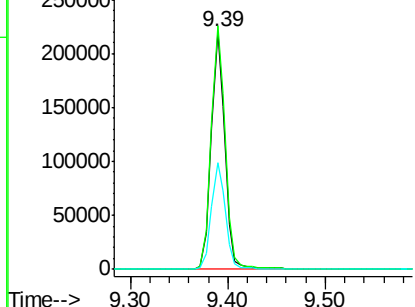
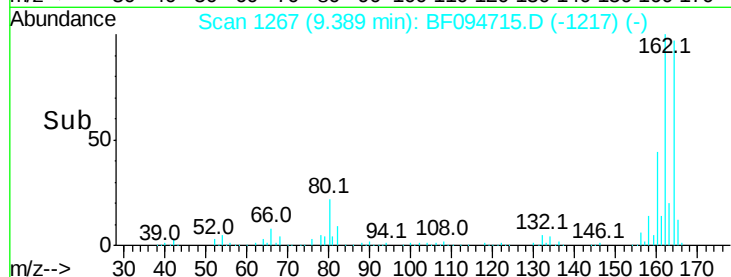
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 215116
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 45.1 36.2 54.2

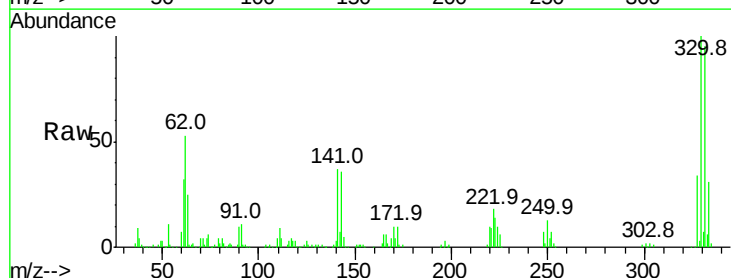


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

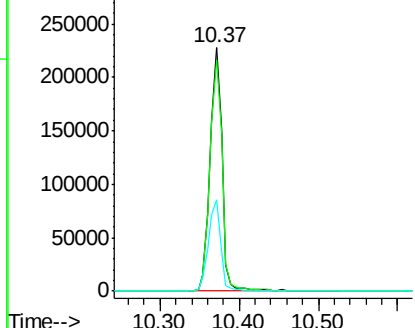
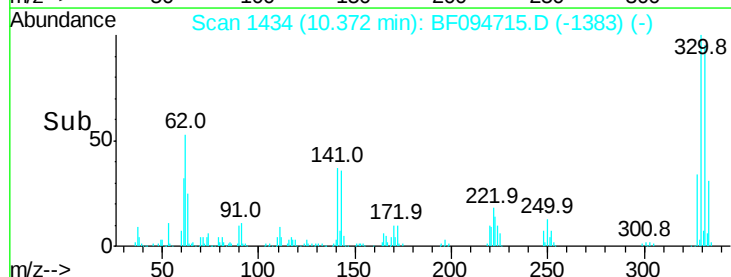


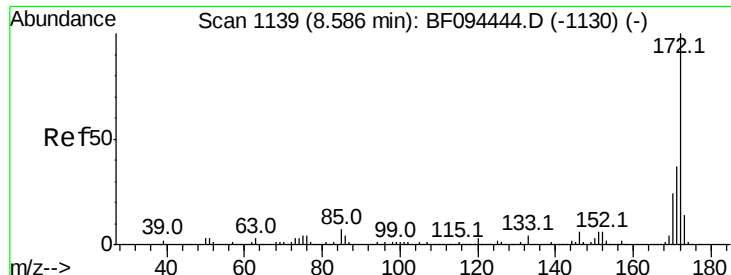
#41
 2,4,6-Tribromophenol
 Concen: 143.11 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Tgt Ion:330 Resp: 240793
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.0 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

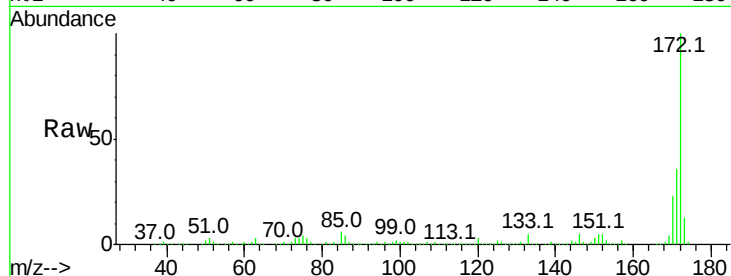




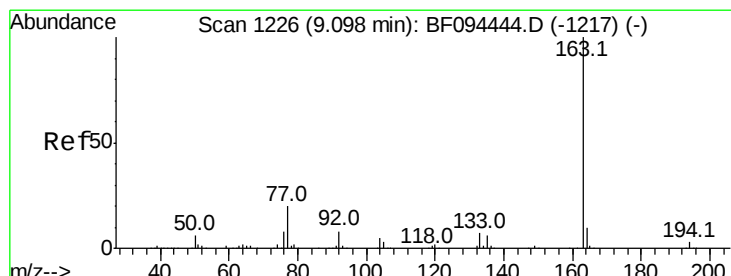
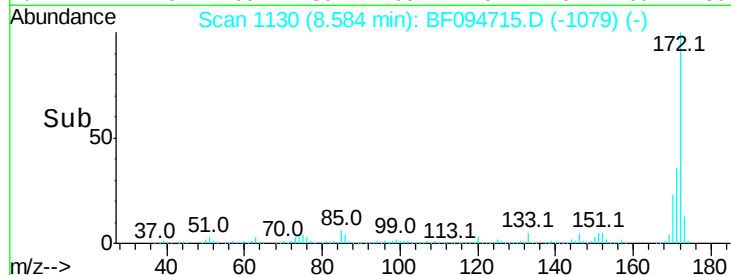
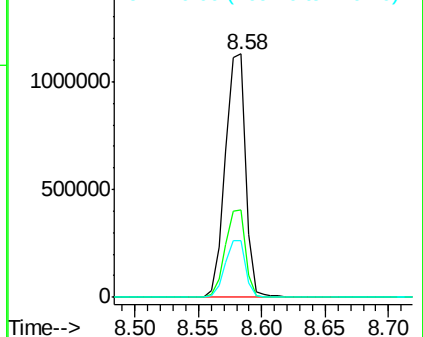
#44
2-Fluorobiphenyl
Concen: 85.88 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1255669
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.4 19.8 29.8

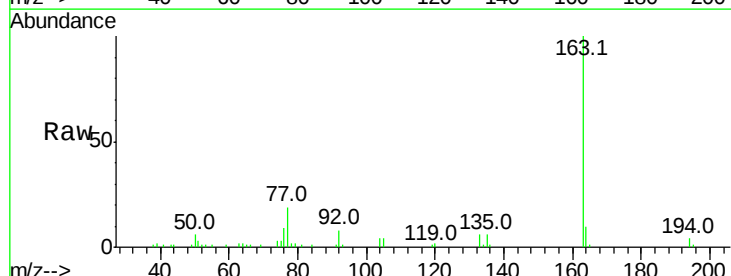


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

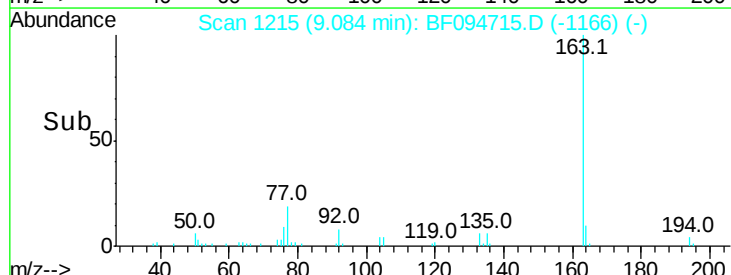
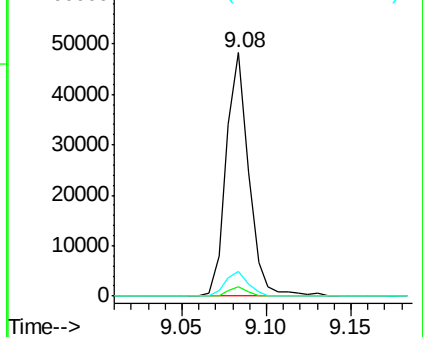


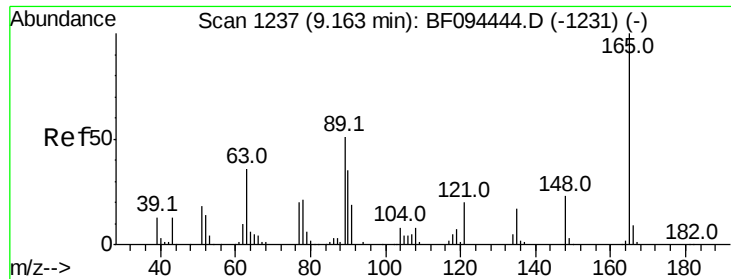
#49
Dimethylphthalate
Concen: 2.80 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion:163 Resp: 44945
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.1 8.4 12.6



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

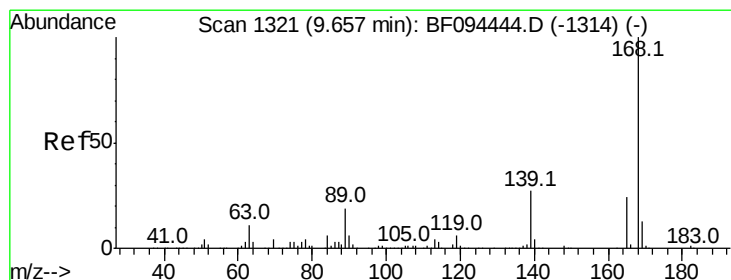
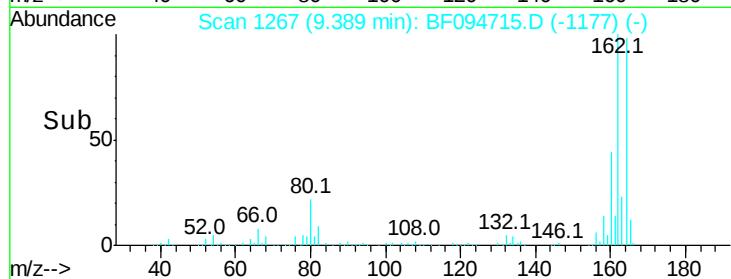
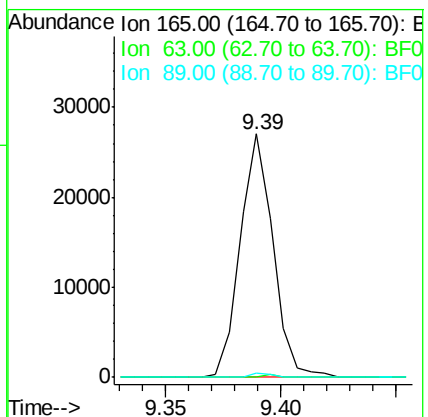
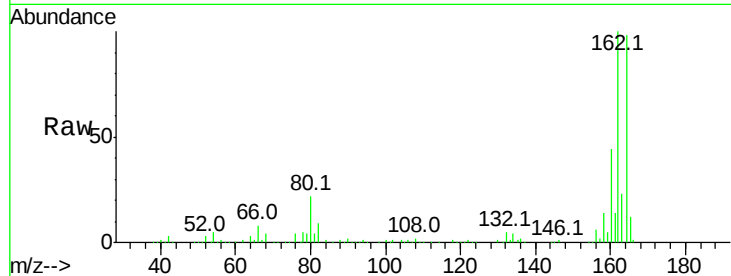




#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

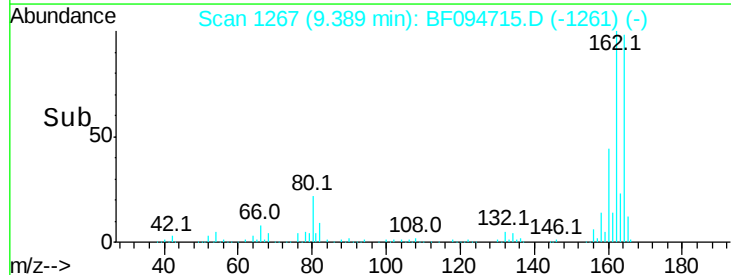
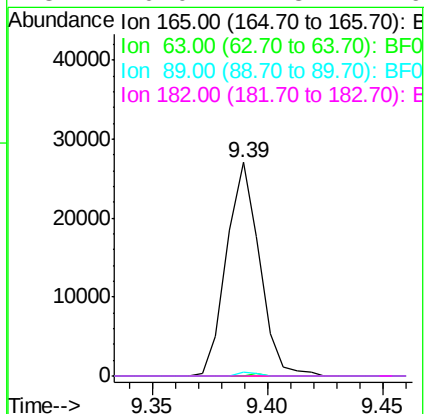
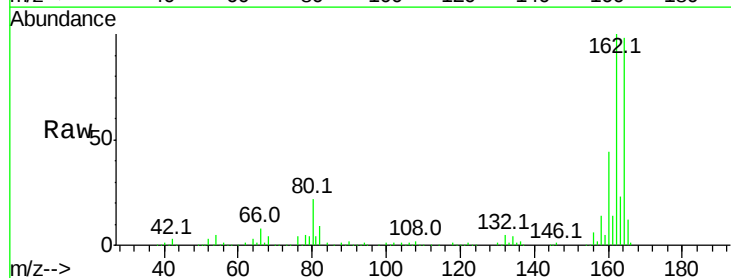
Instrument :
 BNA_F
 ClientSampleId :

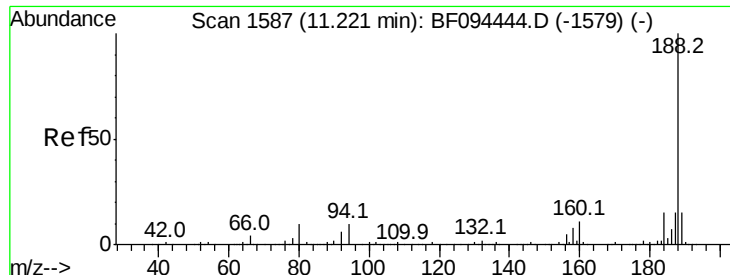
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.9	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

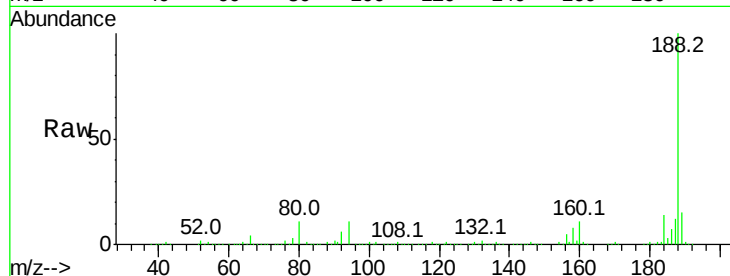




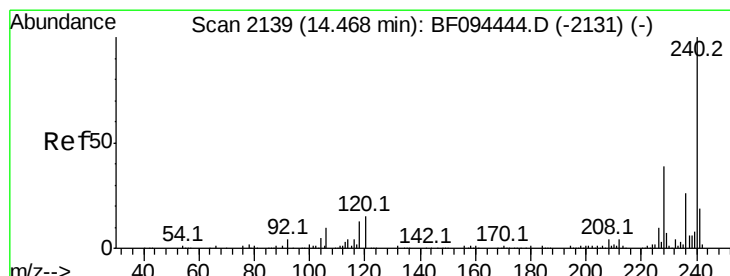
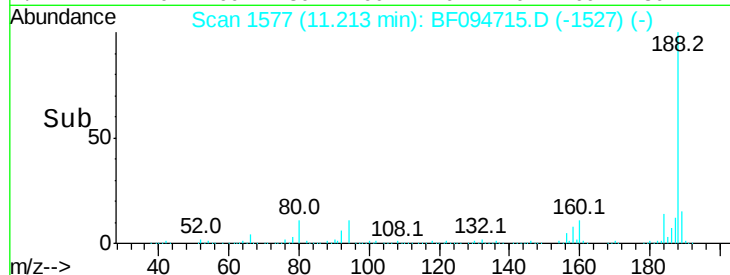
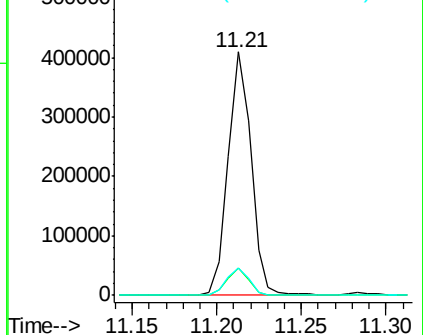
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 390768
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.0 10.2 15.2

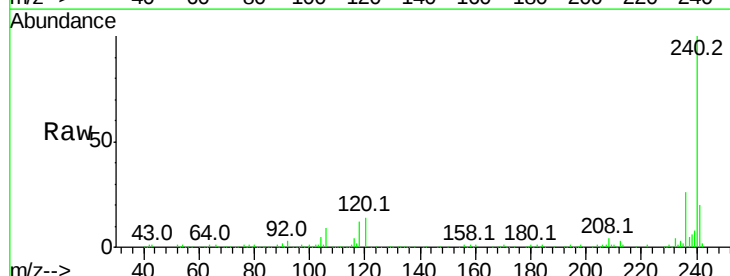


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

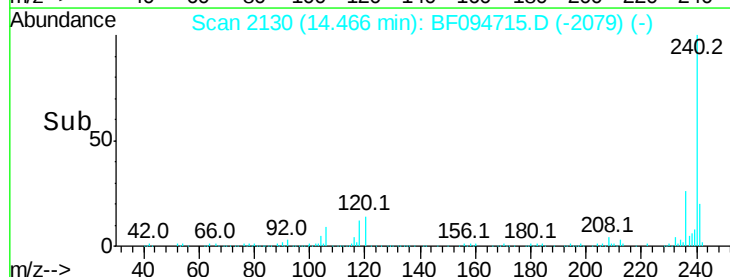
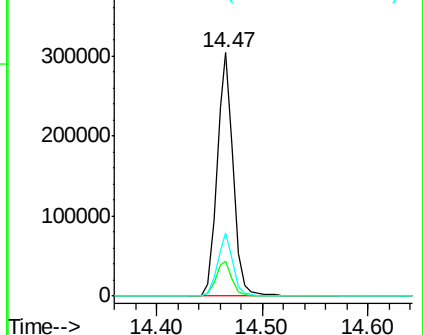


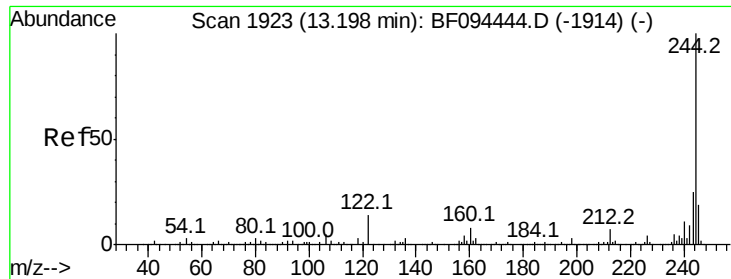
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Tgt Ion:240 Resp: 328431
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.7 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

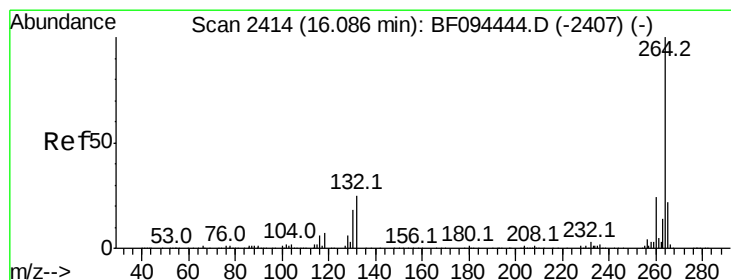
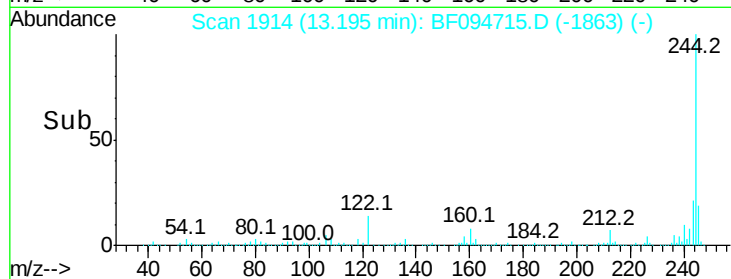
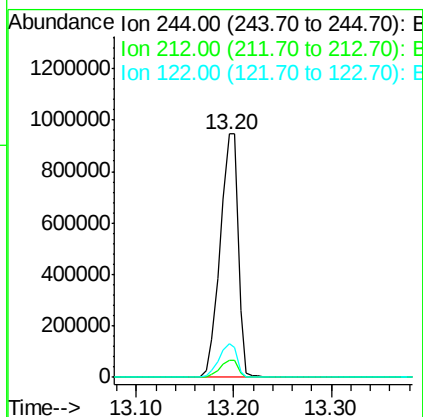
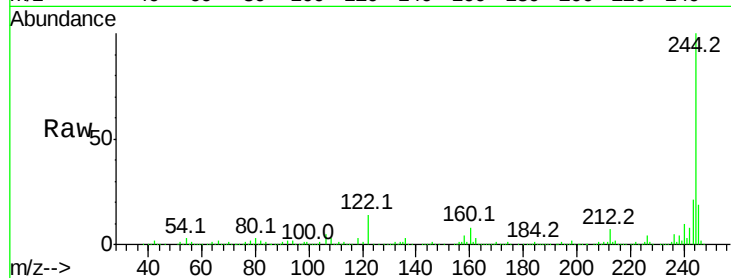




#78
 Terphenyl-d14
 Concen: 99.23 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1219326
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Tgt Ion:264 Resp: 223673
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.9 17.2 25.8

