

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094012.D
 Acq On : 29 Mar 2017 00:16
 Operator : SJ/MA
 Sample : I2422-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:41:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

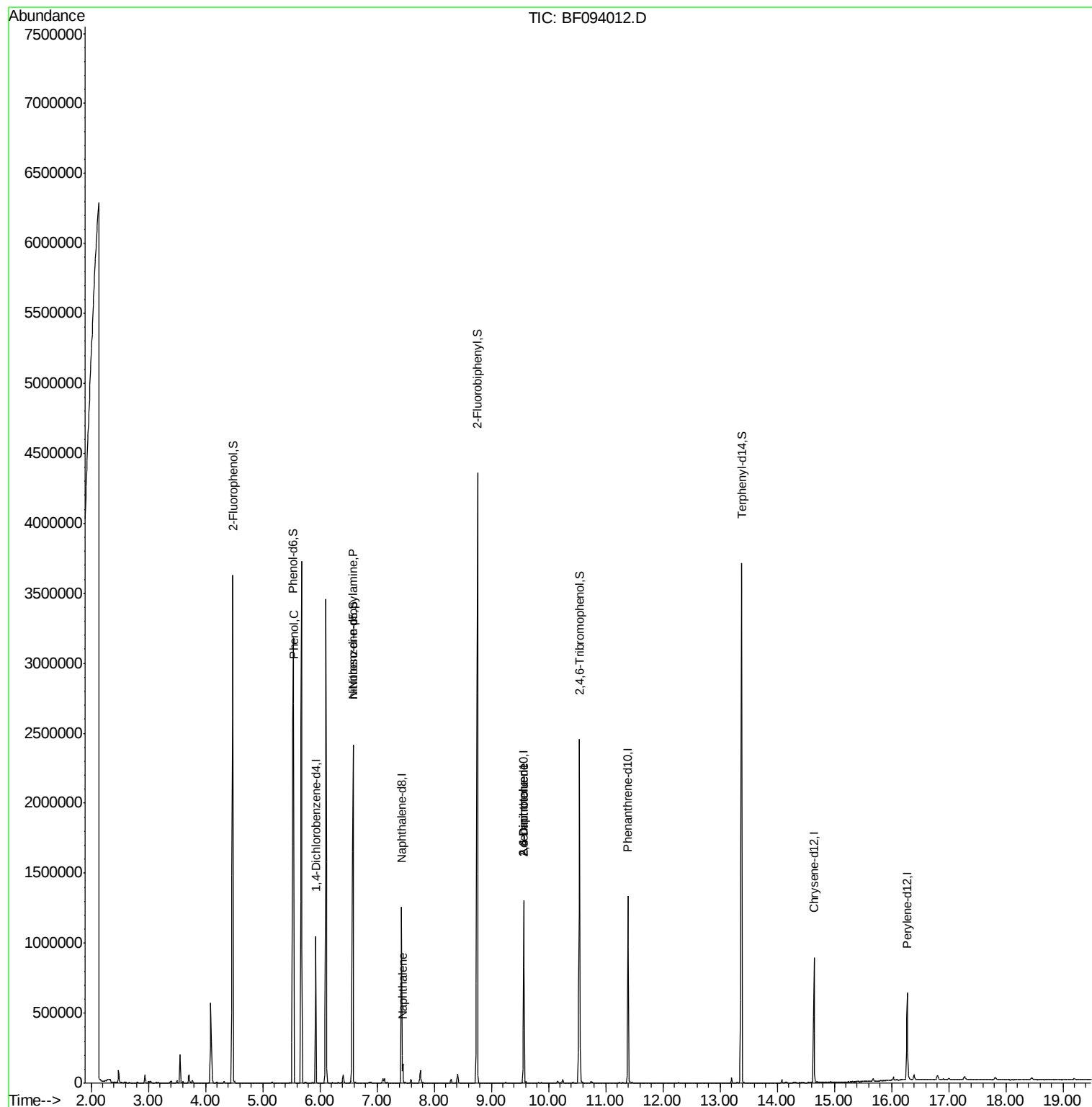
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	158690	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	628874	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	288274	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	525275	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	365189	20.00	ng	-0.04
86) Perylene-d12	16.27	264	258679	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1247304	132.76	ng	0.00
7) Phenol-d6	5.53	99	1502144	129.24	ng	-0.02
23) Nitrobenzene-d5	6.58	82	1033874	93.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	373205	163.83	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1873582	99.13	ng	-0.02
78) Terphenyl-d14	13.38	244	1539856	94.51	ng	-0.02
Target Compounds						
10) Phenol	5.55	94	34458	2.61	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	6.58	70	137222	18.37	ng	# 78
31) Naphthalene	7.45	128	66513	2.20	ng	99
50) 2,6-Dinitrotoluene	9.57	165	37861	8.06	ng	# 34
56) 2,4-Dinitrotoluene	9.57	165	37861	6.42	ng	# 33

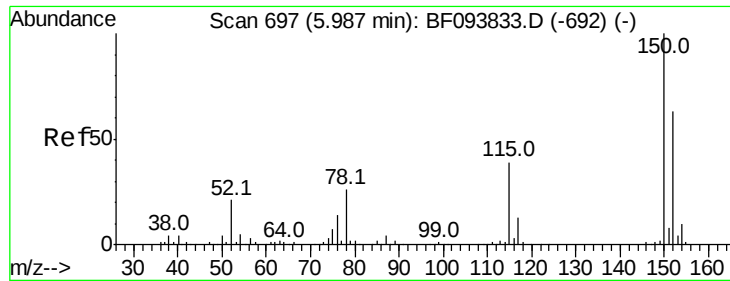
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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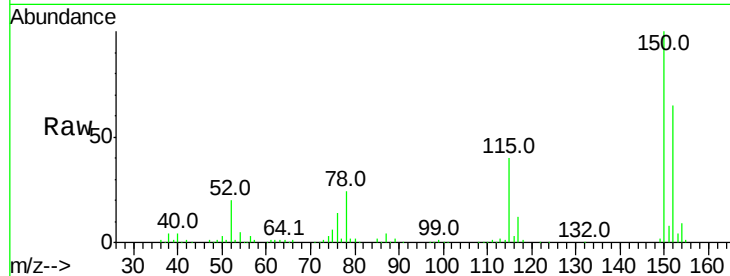


#1

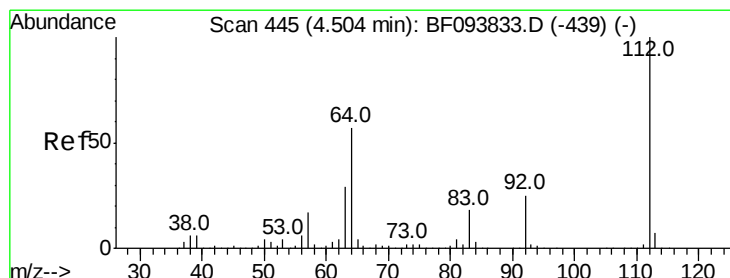
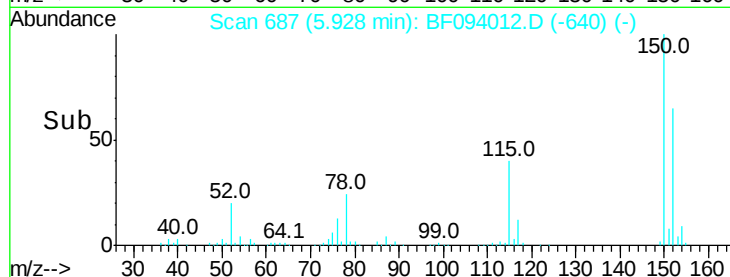
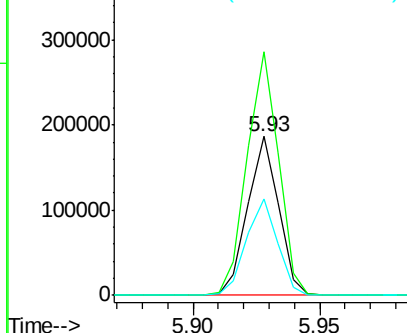
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158690
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 61.1 52.2 78.2



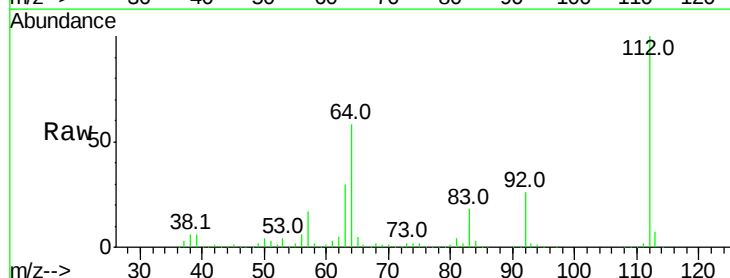
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



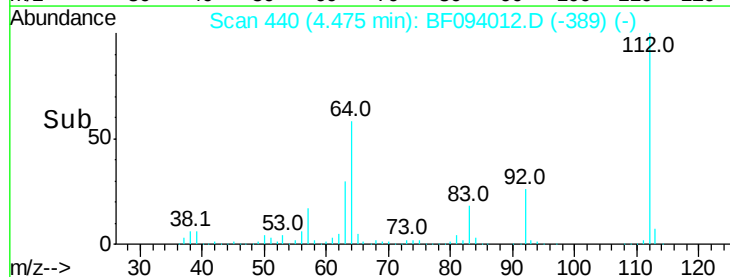
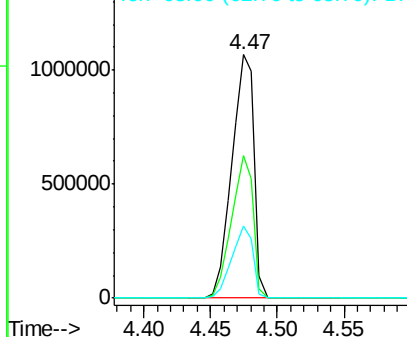
#5

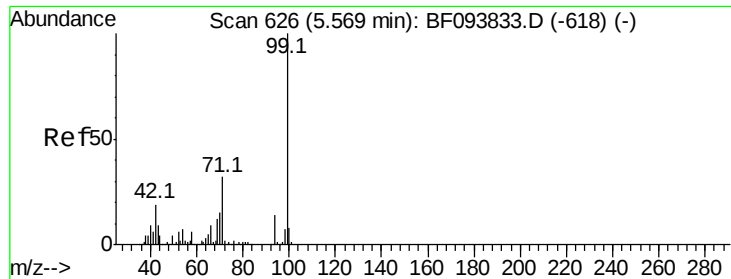
2-Fluorophenol
Concen: 132.76 ng
RT: 4.47 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

Tgt Ion:112 Resp: 1247304
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.6 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: 129.24 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampled :

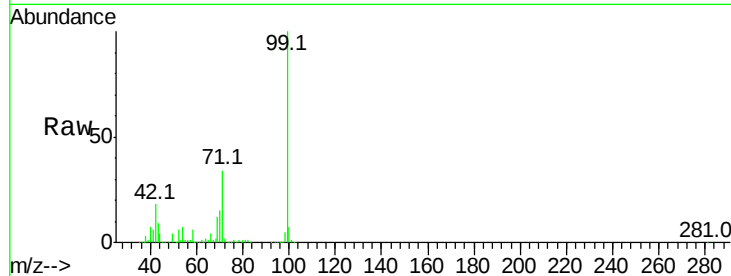
Tot Ion: 99 Resp: 1502144

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

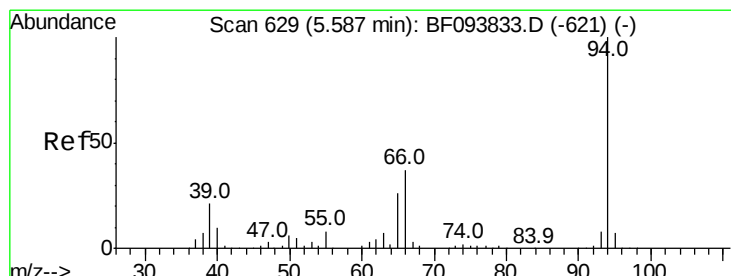
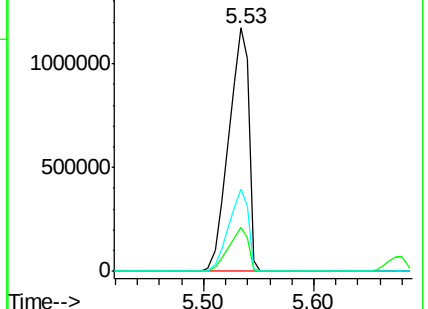
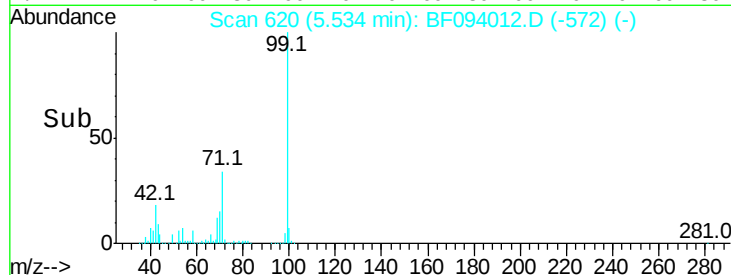
71 33.6 24.5 36.7



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



#10

Phenol

Concen: 2.61 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

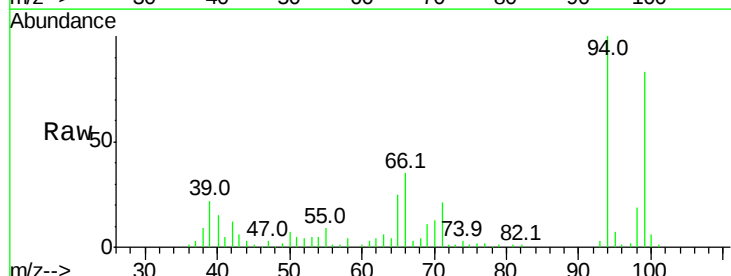
Tgt Ion: 94 Resp: 34458

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

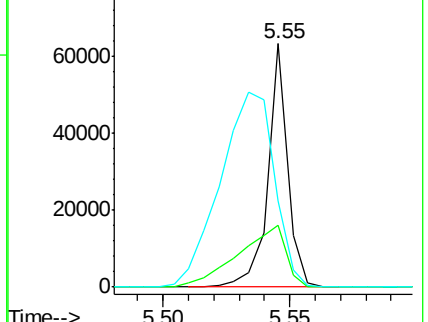
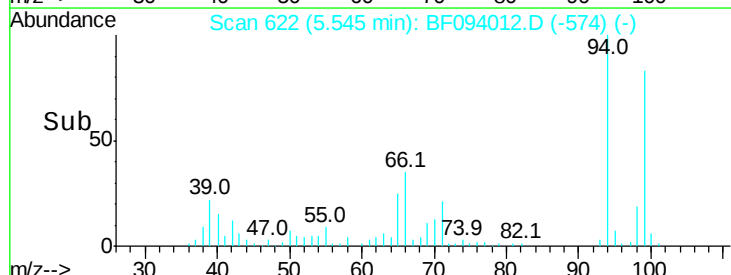
66 35.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.37 ng

RT: 6.58 min Scan# 798

Delta R.T. 0.14 min

Lab File: BF094012.D

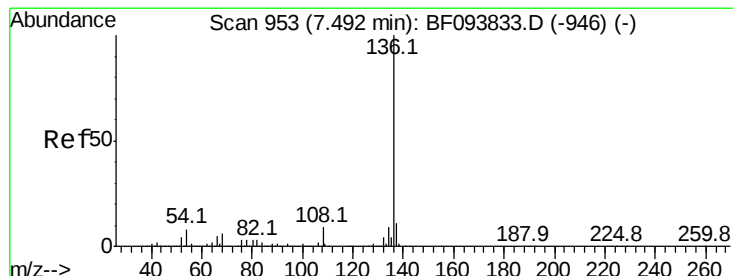
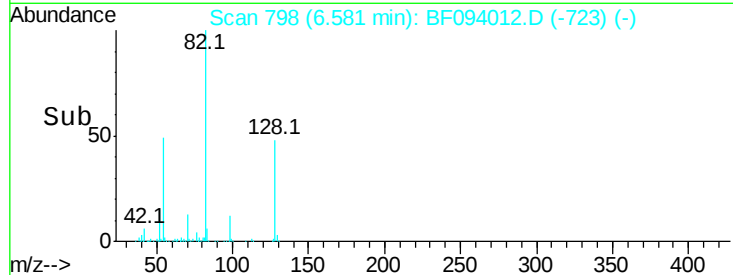
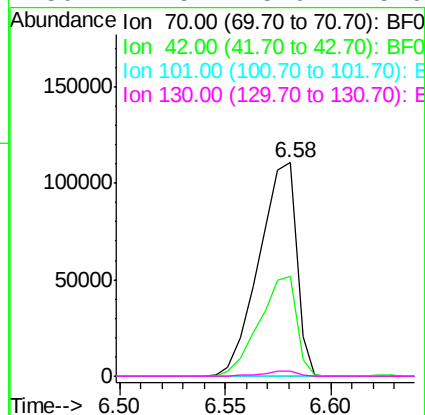
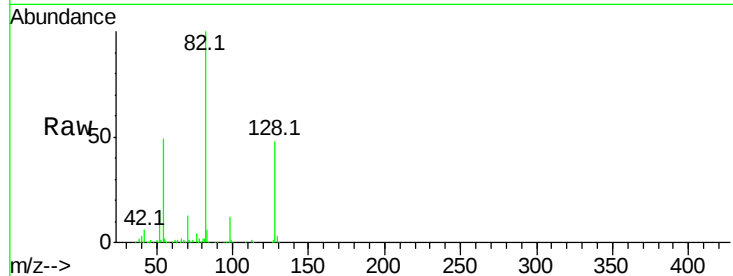
Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	137222
Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

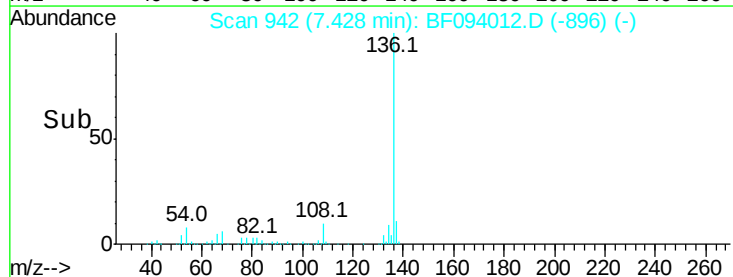
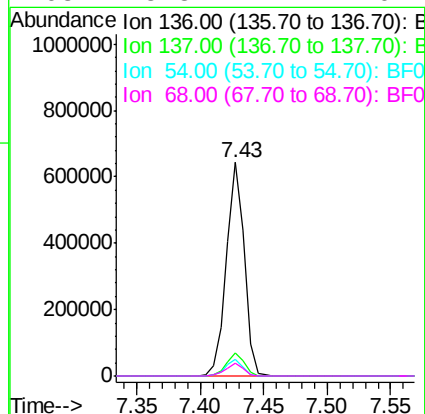
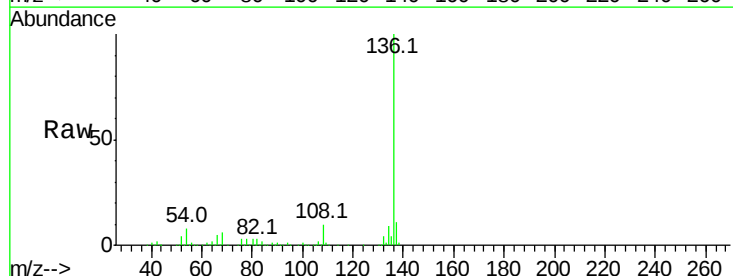
RT: 7.43 min Scan# 942

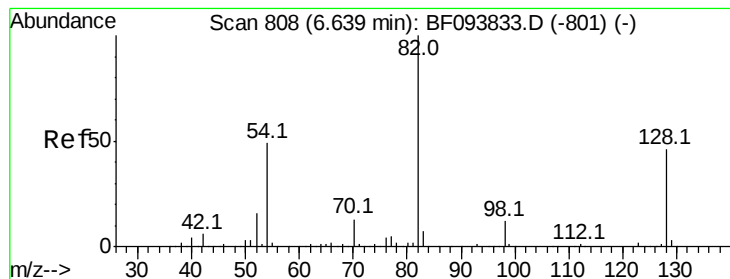
Delta R.T. -0.03 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Tgt Ion:	136	Resp:	628874
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	5.8	4.1	6.1





#23

Nitrobenzene-d5

Concen: 93.82 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampleId :

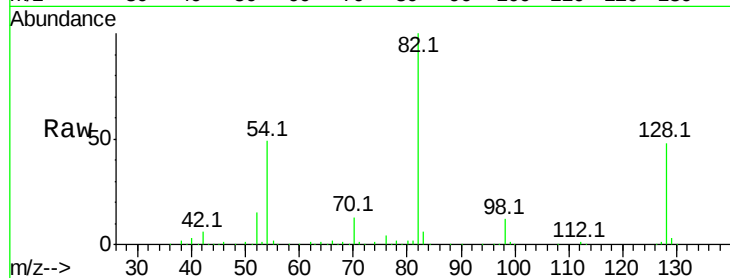
Tot Ion: 82 Resp: 1033874

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

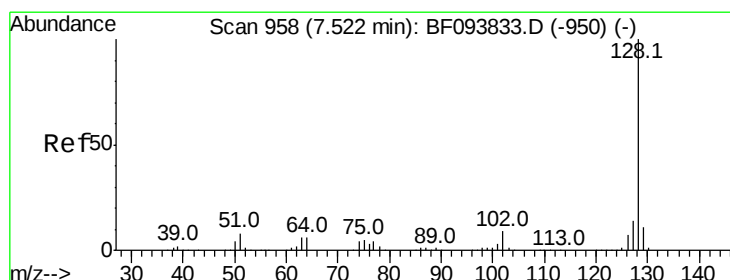
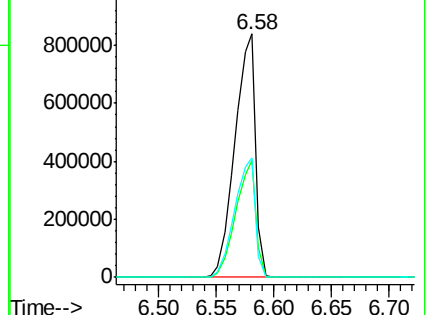
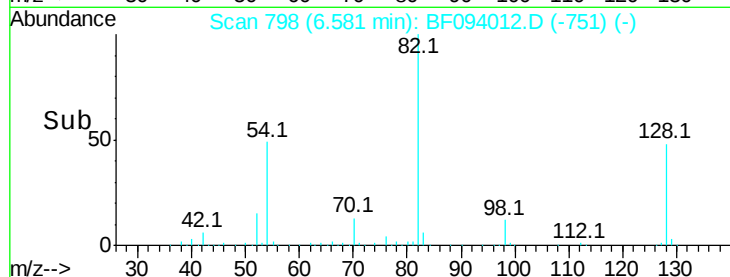
54 48.9 42.2 63.2



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



#31

Naphthalene

Concen: 2.20 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

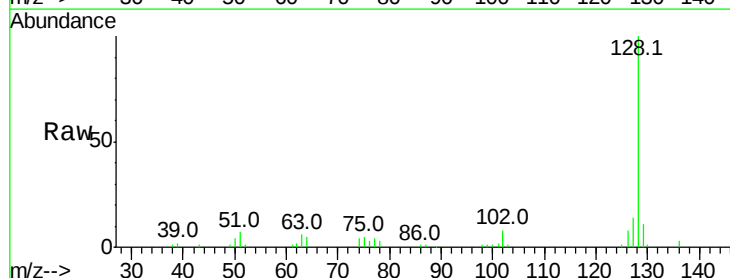
Tgt Ion:128 Resp: 66513

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

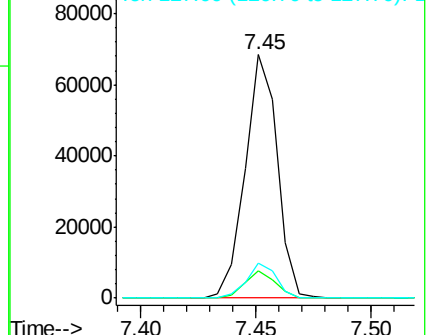
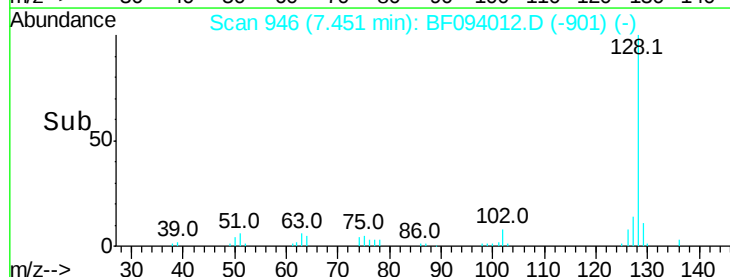
127 14.2 10.8 16.2

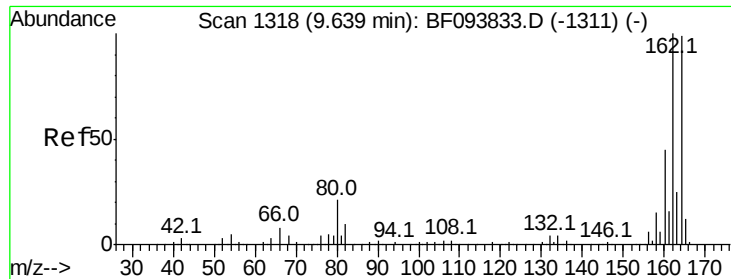


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

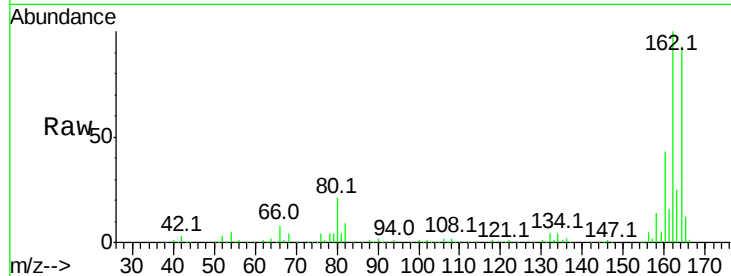




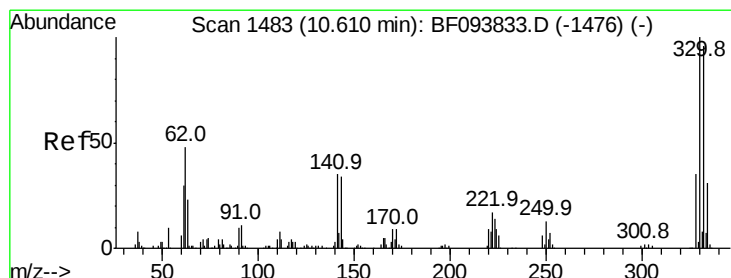
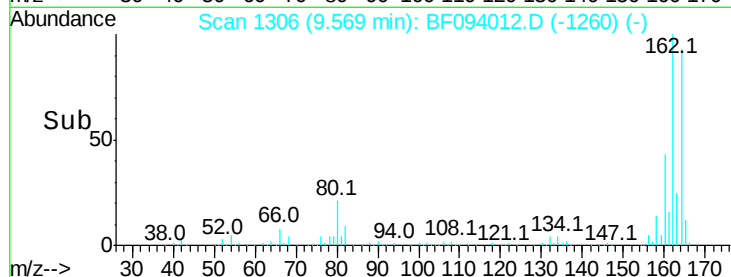
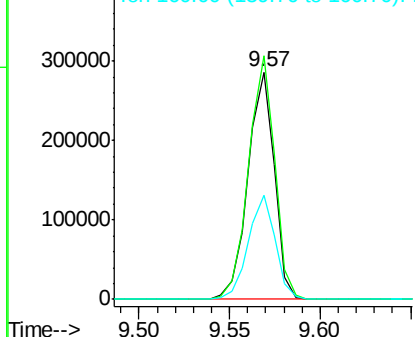
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 288274
Ion Ratio Lower Upper
164 100
162 107.3 82.6 123.8
160 46.0 36.2 54.2

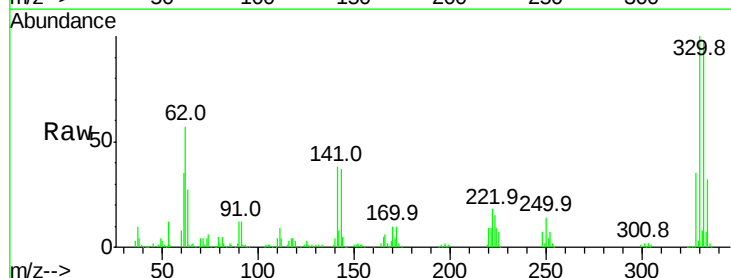


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

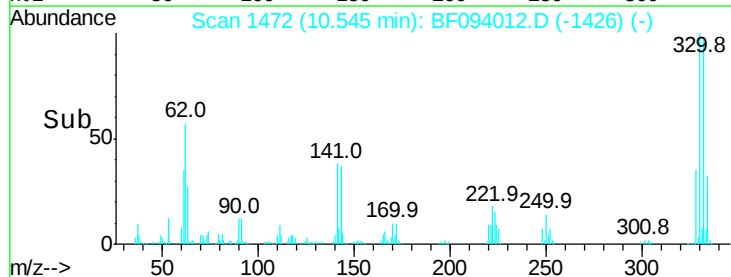
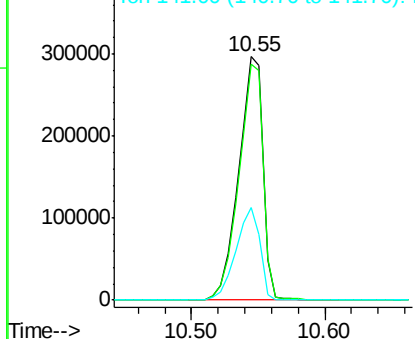


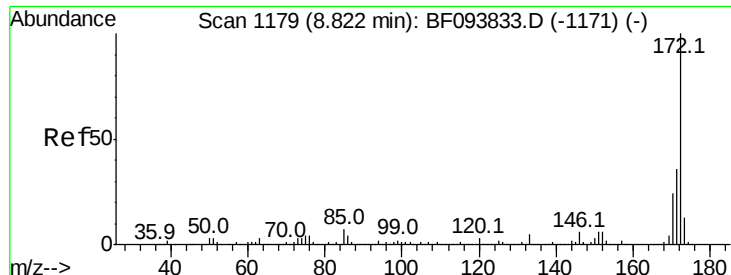
#41
2,4,6-Tribromophenol
Concen: 163.83 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

Tgt Ion:330 Resp: 373205
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 38.1 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



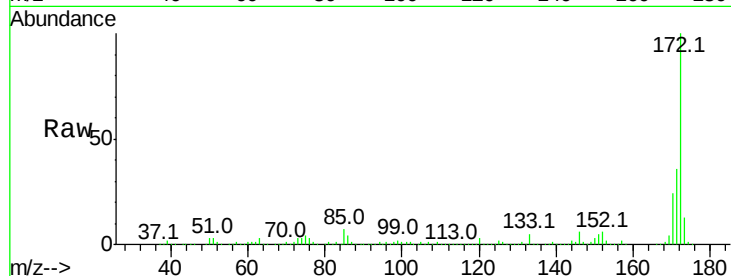


#44
 2-Fluorobiphenyl
 Concen: 99.13 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

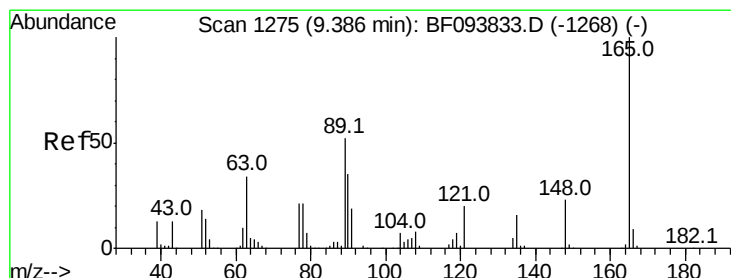
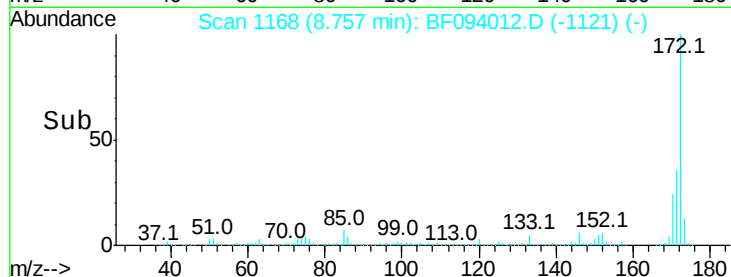
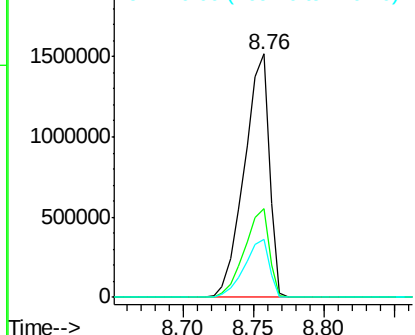
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1873582

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.7	19.8	29.8



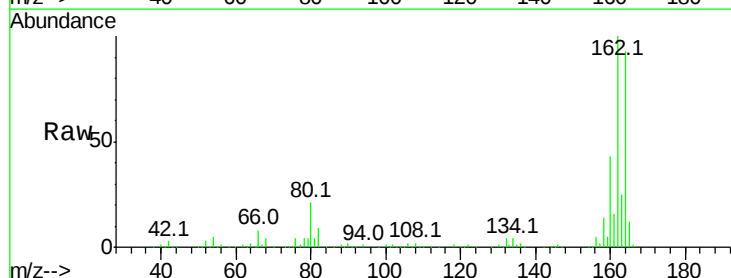
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



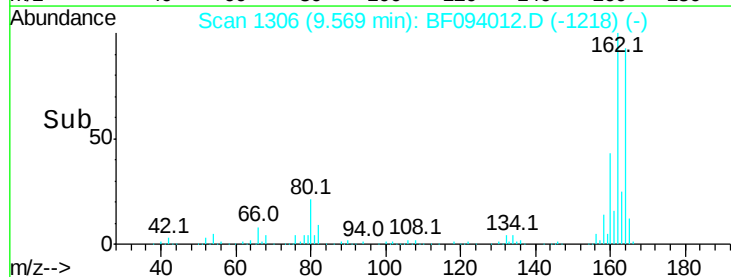
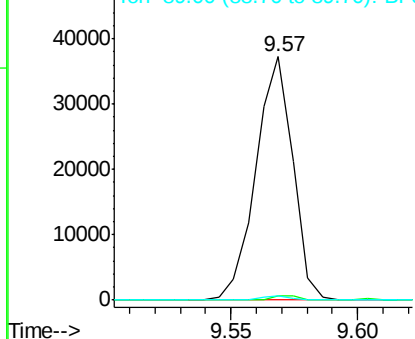
#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Tgt Ion:165 Resp: 37861

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.5	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

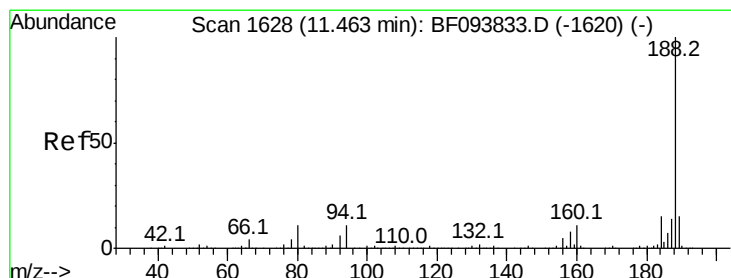
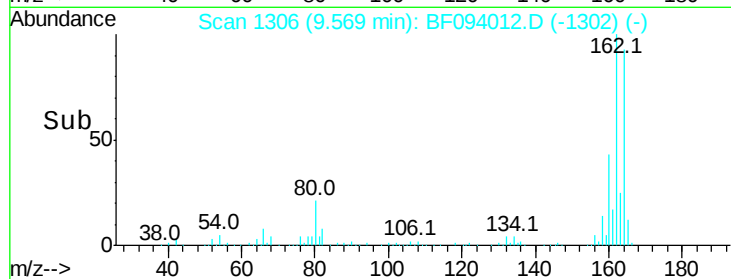
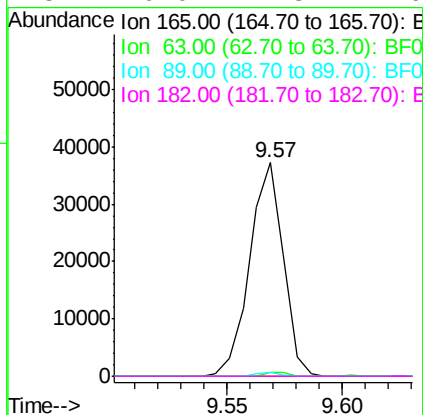
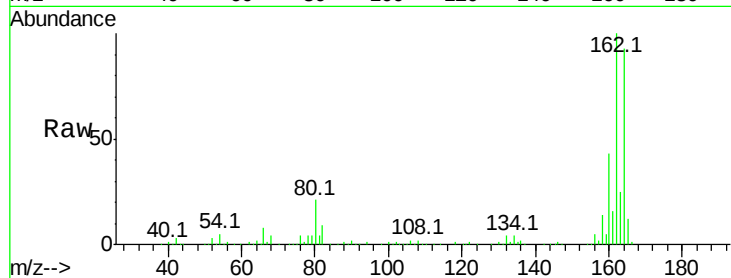




#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.28 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

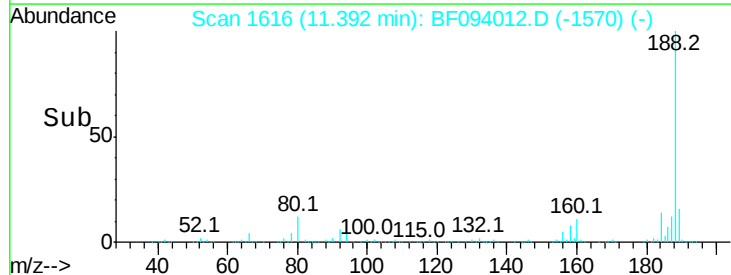
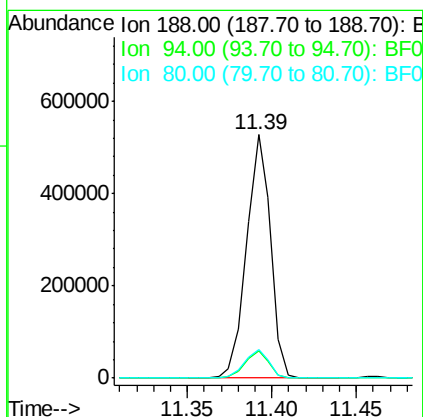
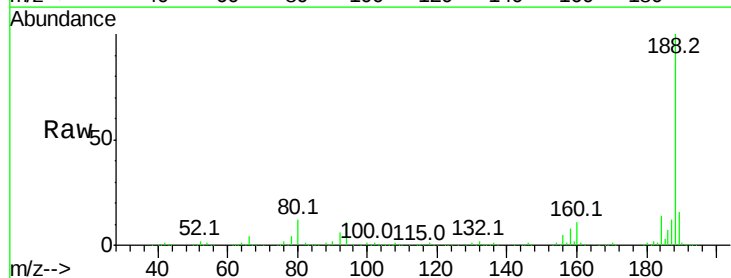
Instrument :
 BNA_F
 ClientSampleId :

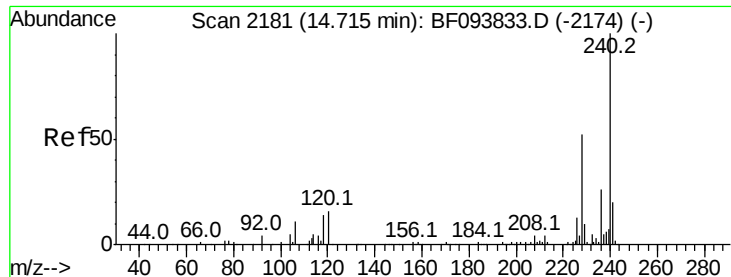
Tot Ion:165 Resp: 37861
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Tgt Ion:188 Resp: 525275
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampleId :

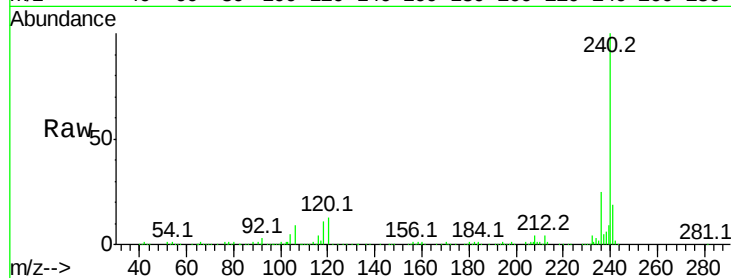
Tot Ion:240 Resp: 365189

Ion Ratio Lower Upper

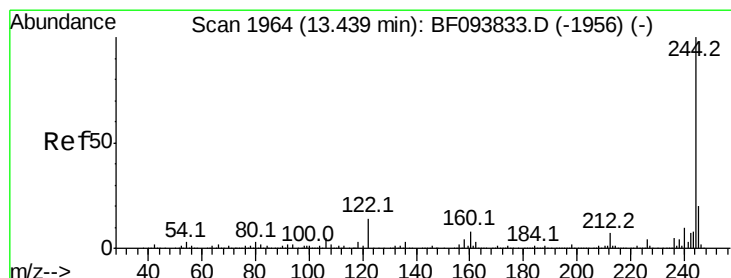
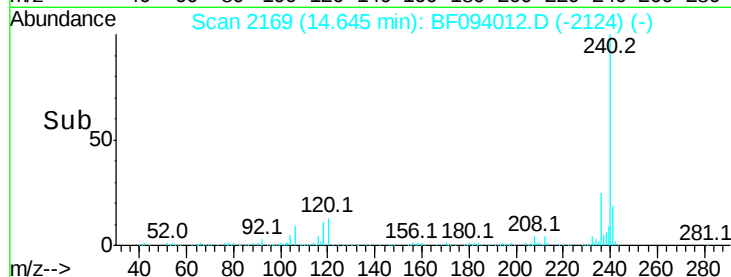
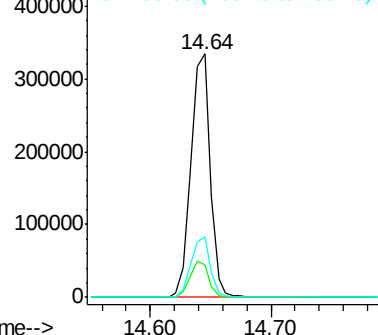
240 100

120 13.1 5.8 8.8#

236 24.9 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: 94.51 ng

RT: 13.38 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

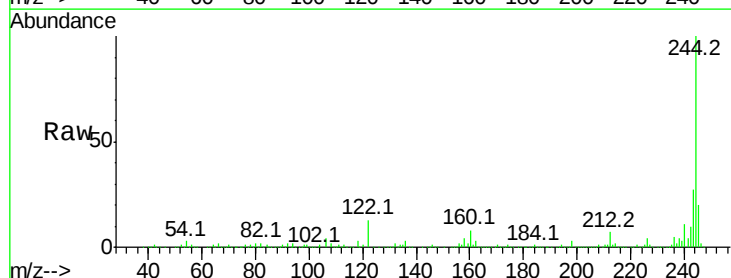
Tgt Ion:244 Resp: 1539856

Ion Ratio Lower Upper

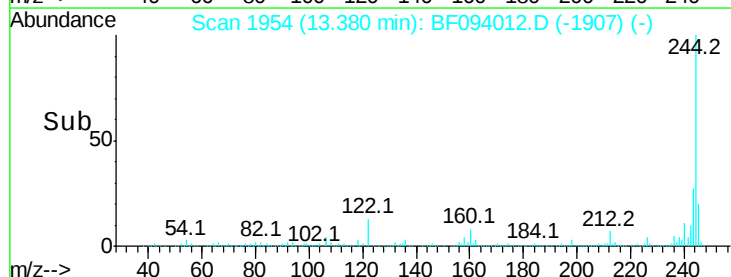
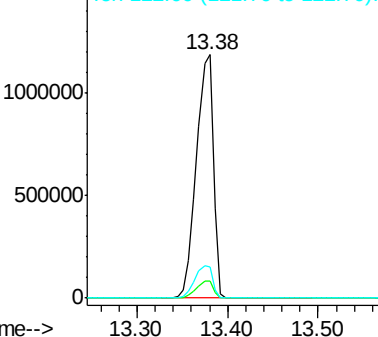
244 100

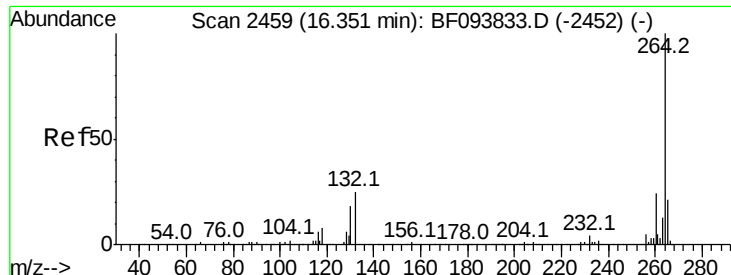
212 7.1 6.0 9.0

122 12.7 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

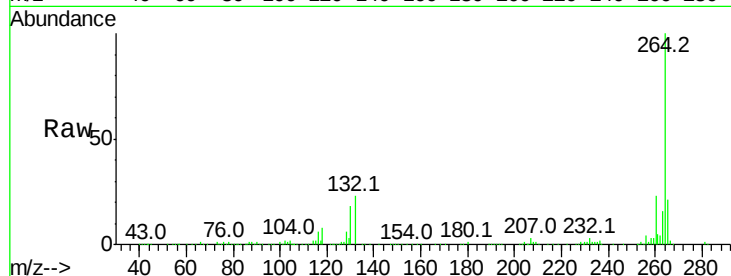




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.04 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.0	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

