

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094638.D
 Acq On : 26 Apr 2017 7:19
 Operator : SJ/MA
 Sample : I2824-06 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 07:56:59 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

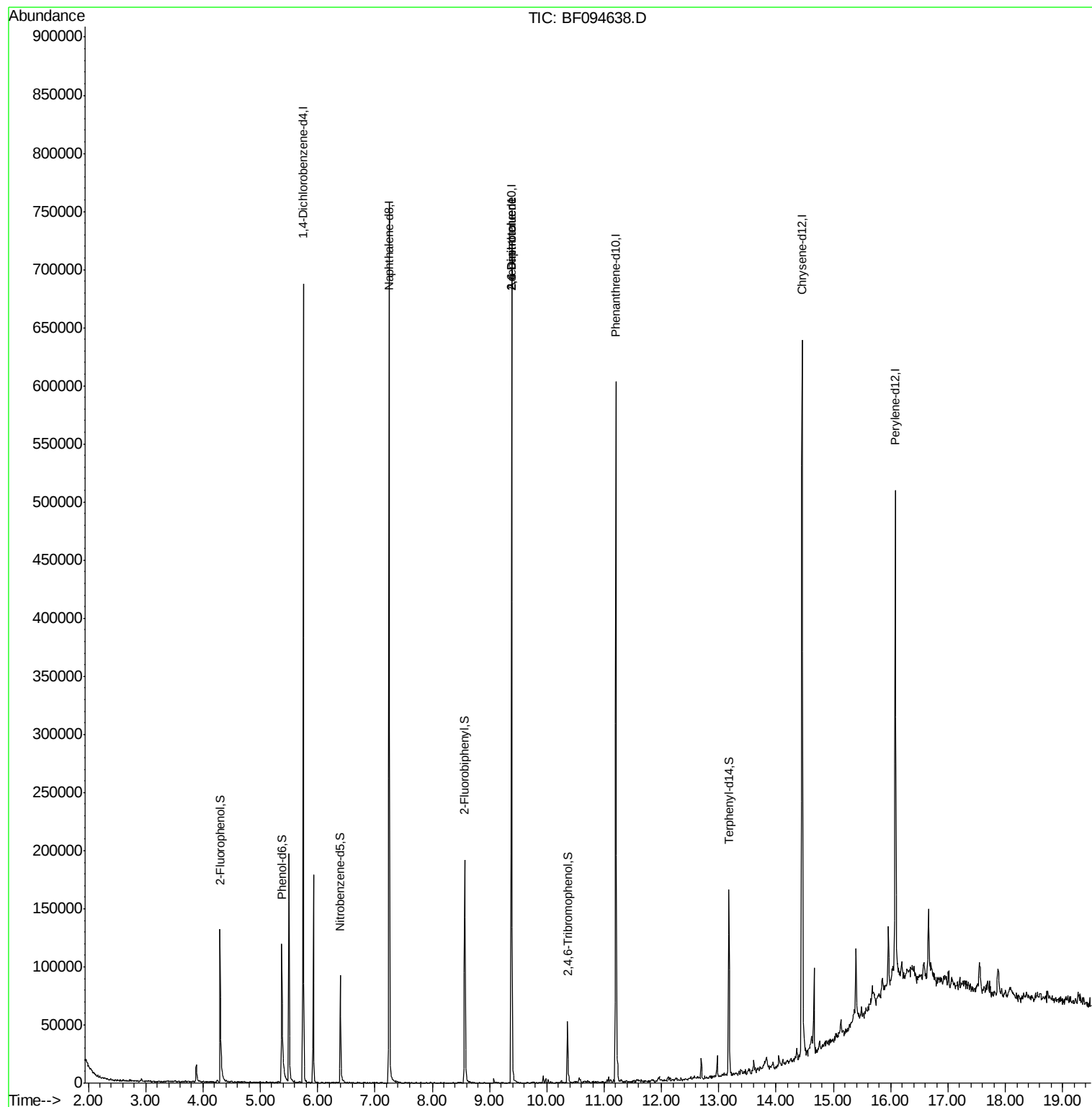
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	106593	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	423873	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	170535	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	260778	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	237554	20.00	ng	-0.01
86) Perylene-d12	16.08	264	165288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	54825	8.53	ng	0.00
7) Phenol-d6	5.37	99	69361	9.16	ng	-0.02
23) Nitrobenzene-d5	6.40	82	38707	5.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	9099	6.82	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	78390	6.76	ng	-0.02
78) Terphenyl-d14	13.18	244	53231	5.99	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.38	165	21235	7.44	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	21235	6.07	ng	# 32

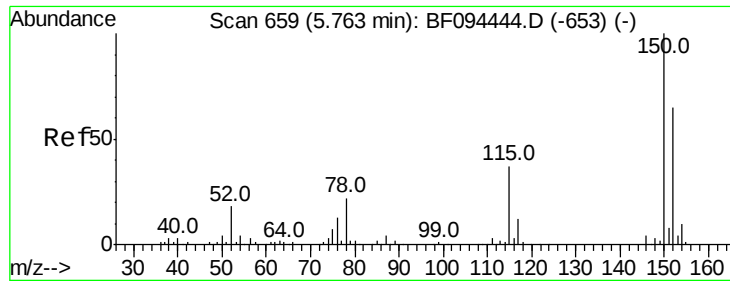
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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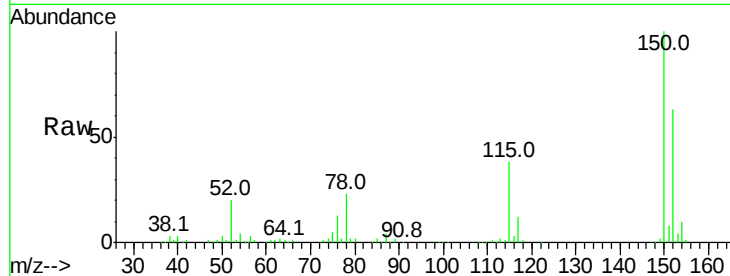


#1

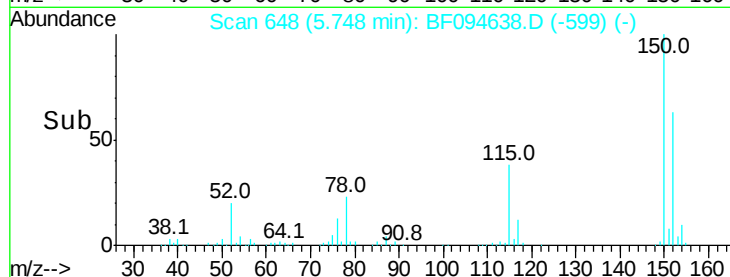
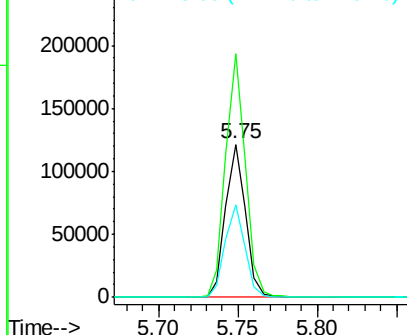
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094638.D
Acq: 26 Apr 2017 7:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106593
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 60.7 52.2 78.2



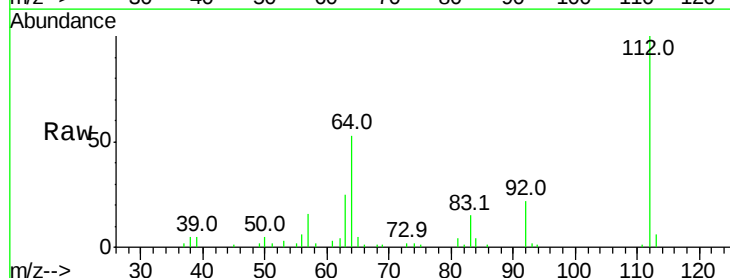
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



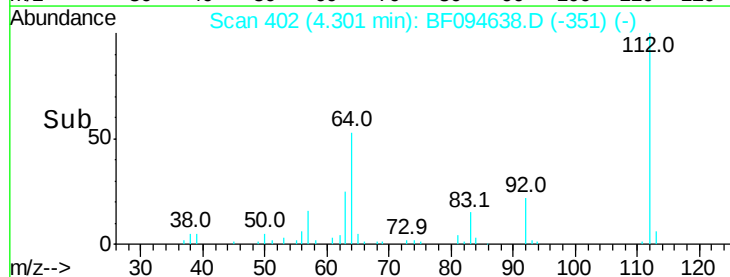
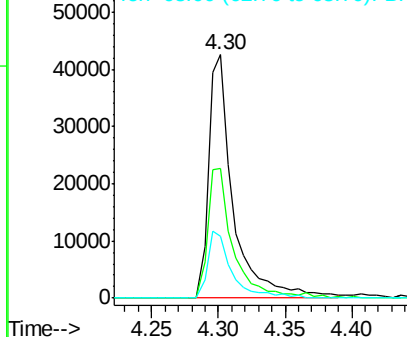
#5

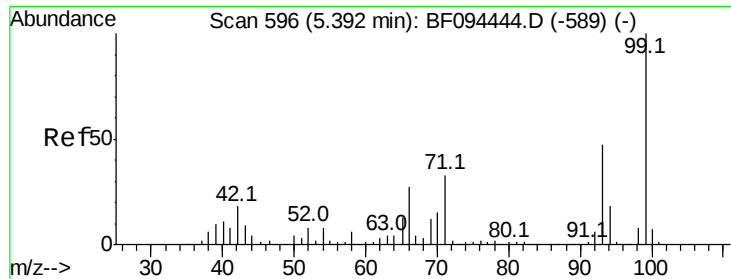
2-Fluorophenol
Concen: 8.53 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094638.D
Acq: 26 Apr 2017 7:19

Tgt Ion:112 Resp: 54825
Ion Ratio Lower Upper
112 100
64 53.1 46.0 69.0
63 25.5 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: 9.16 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

Instrument :

BNA_F

ClientSampleId :

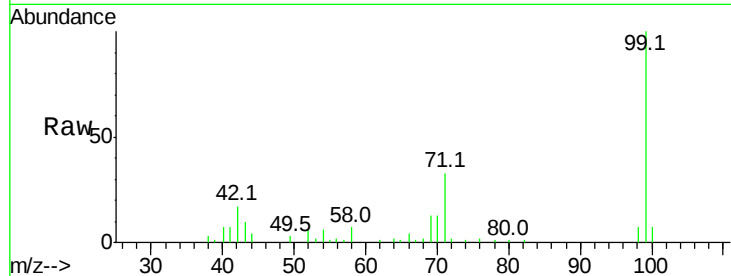
Tot Ion: 99 Resp: 69361

Ion Ratio Lower Upper

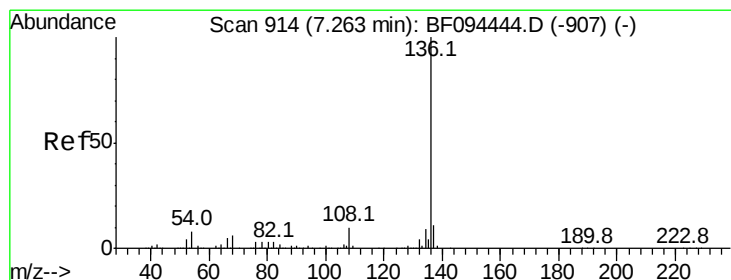
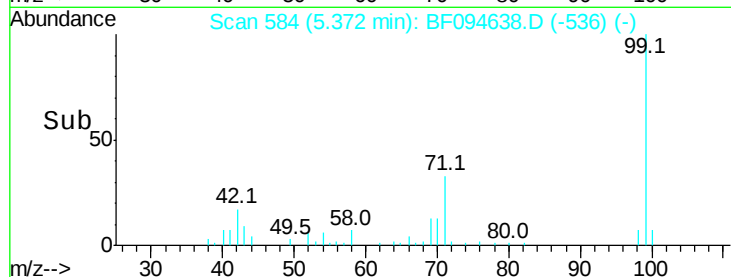
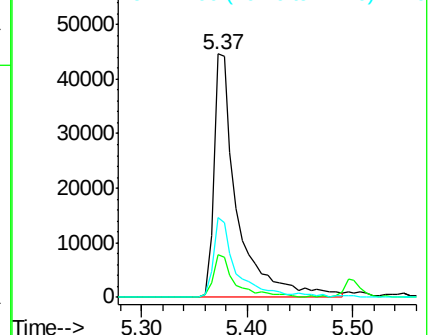
99 100

42 17.3 13.5 20.3

71 33.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

Tgt Ion: 136 Resp: 423873

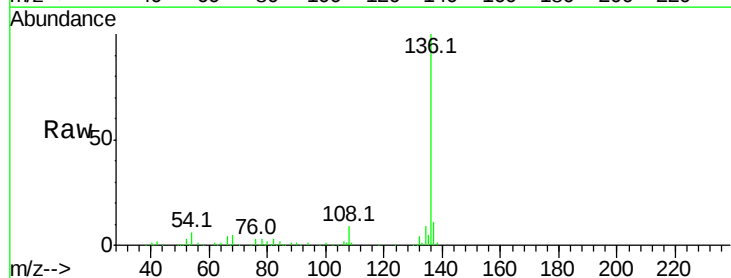
Ion Ratio Lower Upper

136 100

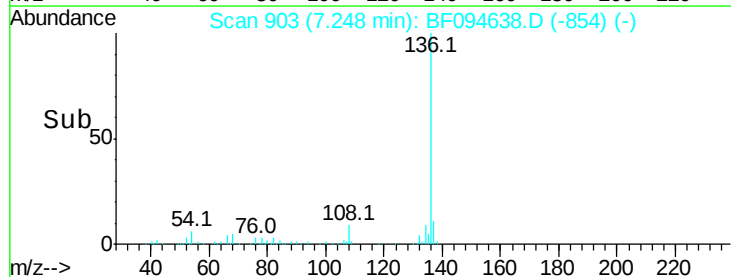
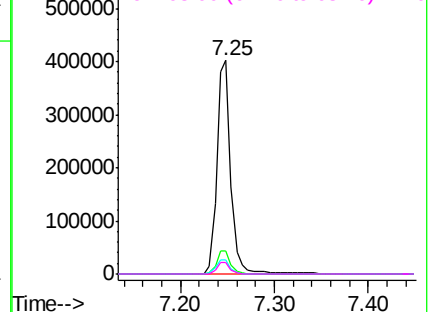
137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): BF0
Ion 137.00 (136.70 to 137.70): BF0
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

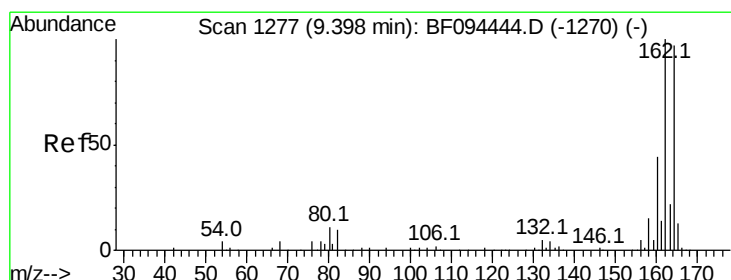
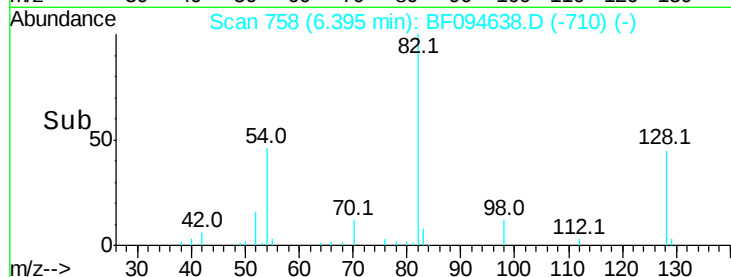
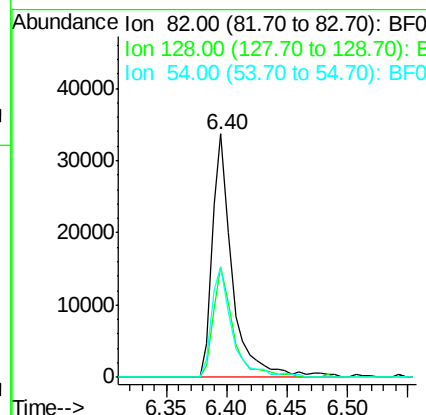
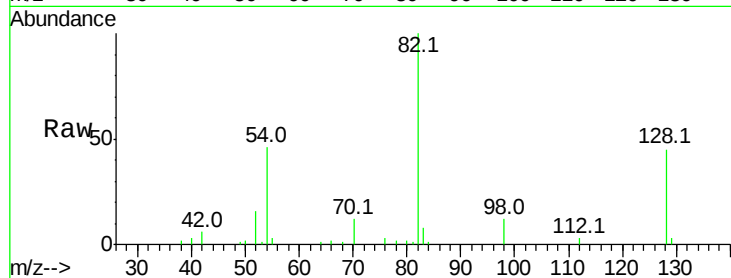




#23
 Nitrobenzene-d5
 Concen: 5.64 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

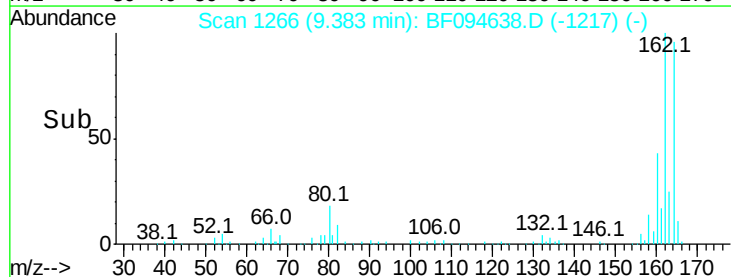
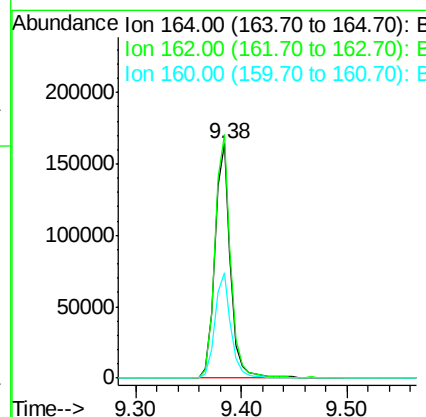
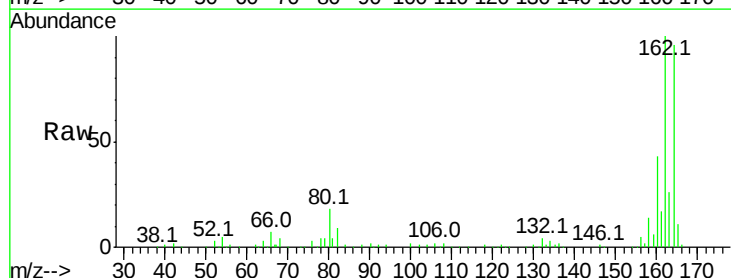
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	38707
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.0	51.0
54	45.5	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion	164	Resp	170535
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.6	123.8
160	45.0	36.2	54.2

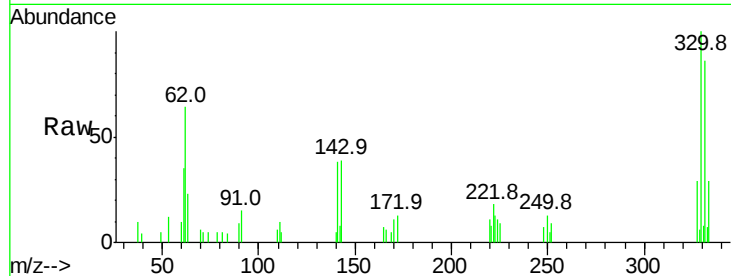




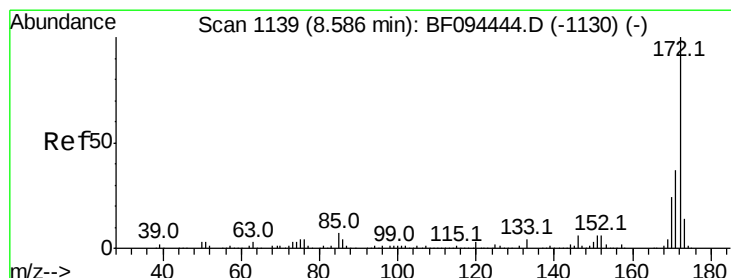
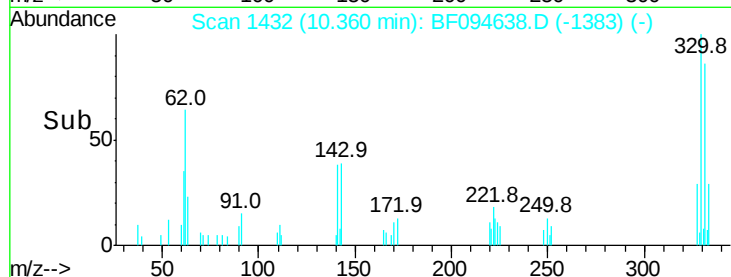
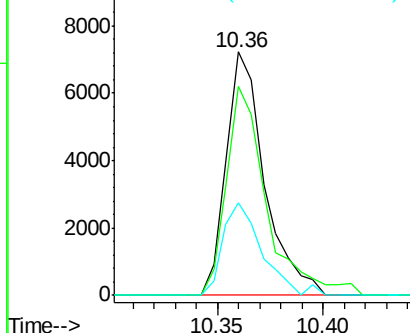
#41
 2,4,6-Tribromophenol
 Concen: 6.82 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 9099
 Ion Ratio Lower Upper
 330 100
 332 89.7 76.6 115.0
 141 38.8 31.4 47.2

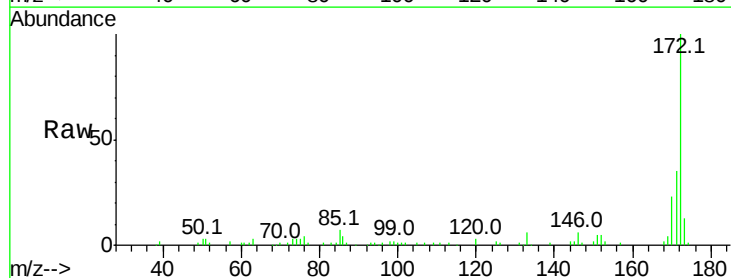


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

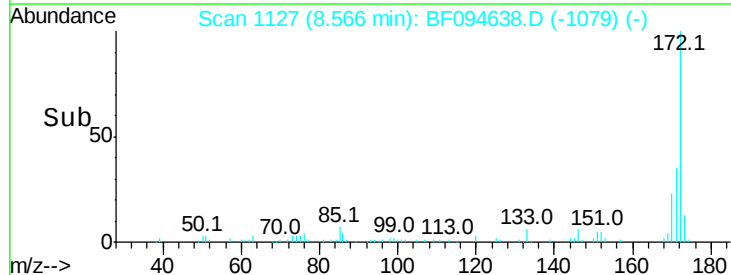
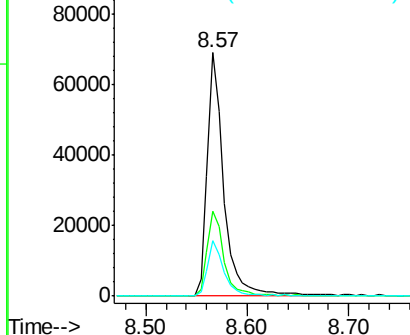


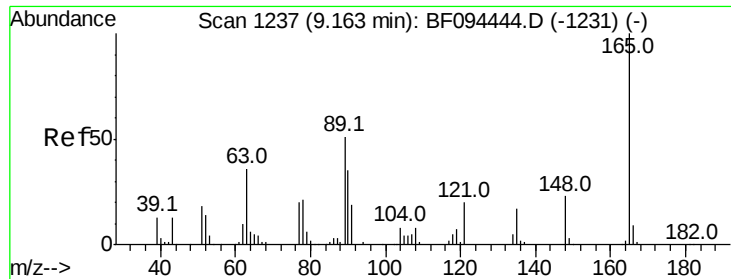
#44
 2-Fluorobiphenyl
 Concen: 6.76 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion:172 Resp: 78390
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.9 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

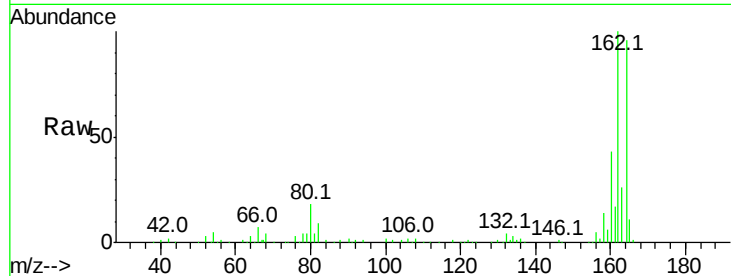




#50
 2,6-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. 0.22 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Instrument :
 BNA_F
 ClientSampled :

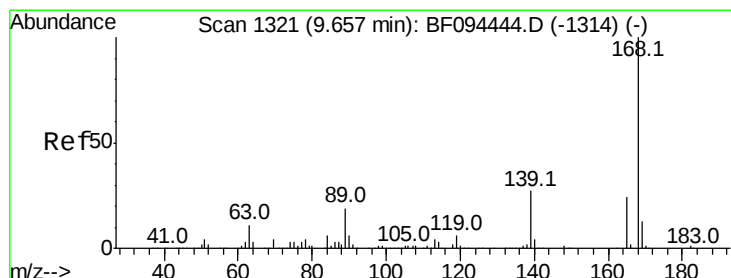
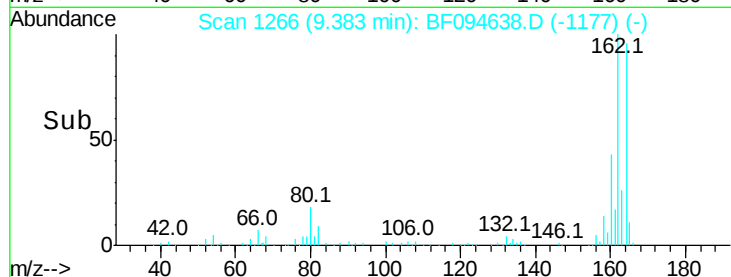
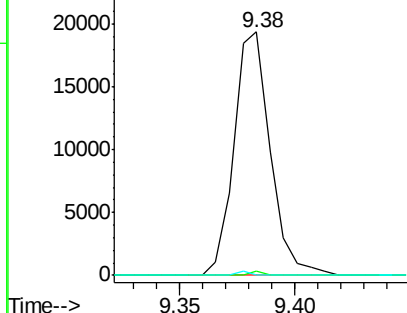
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

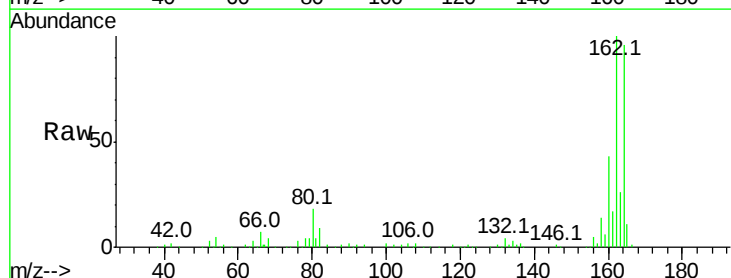
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.27 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

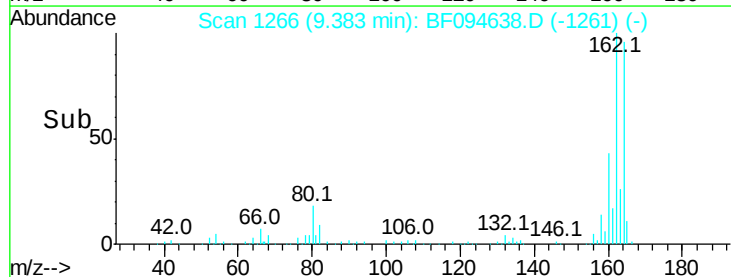
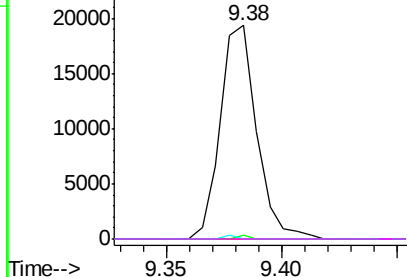


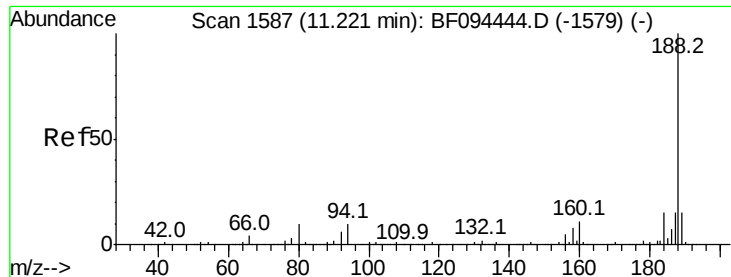
Abundance Ion 165.00 (164.70 to 165.70): E

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

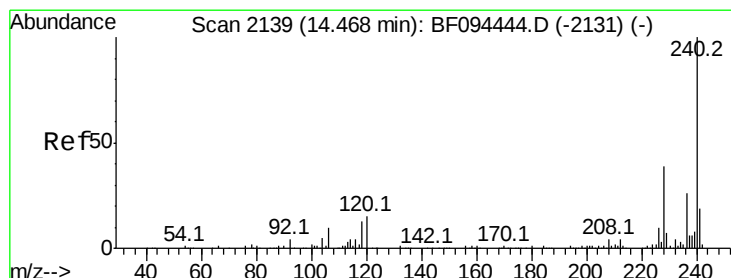
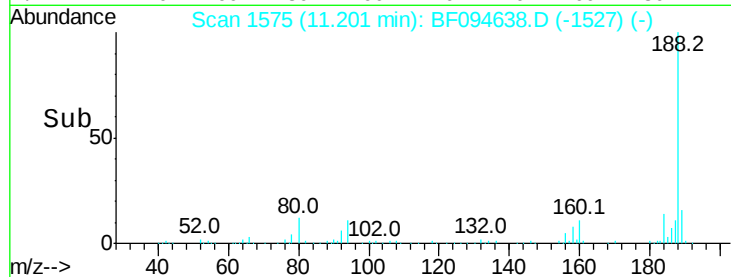
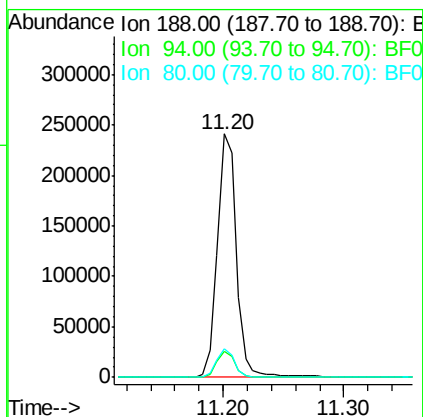
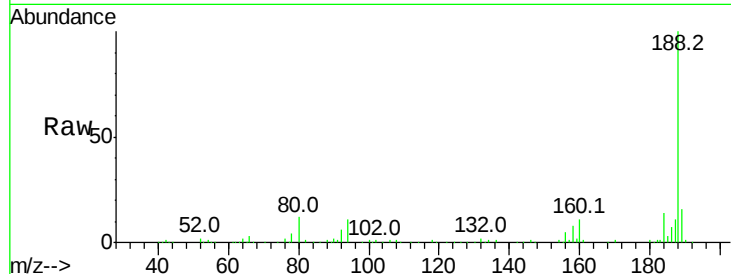




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

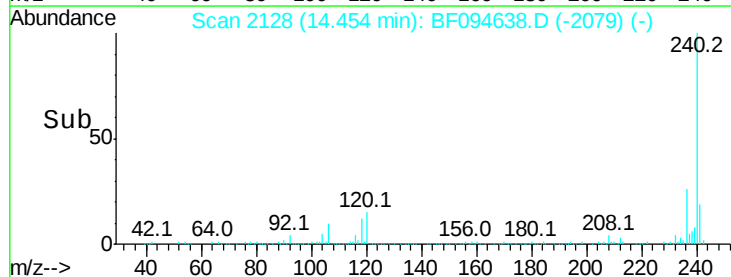
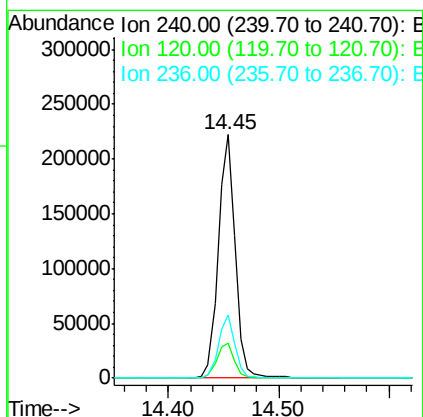
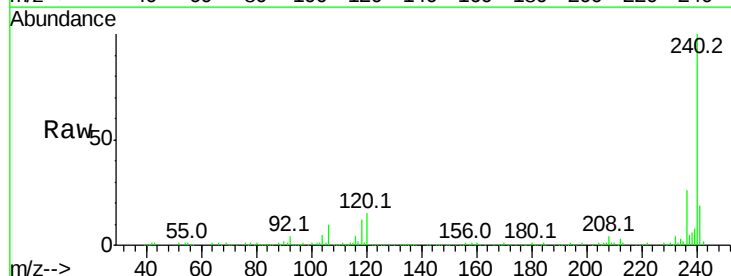
Instrument :
 BNA_F
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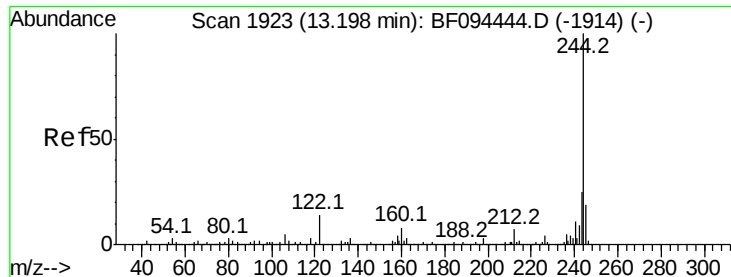
Tot Ion:188 Resp: 260778
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.9 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion:240 Resp: 237554
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.7 20.5 30.7

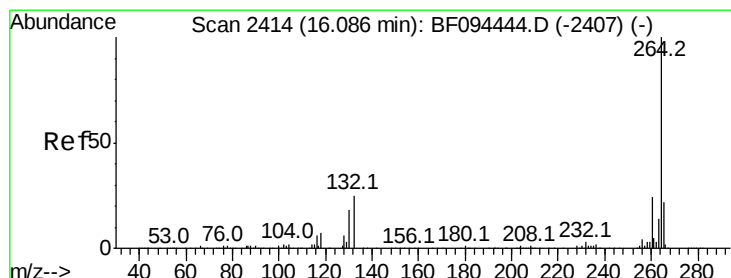
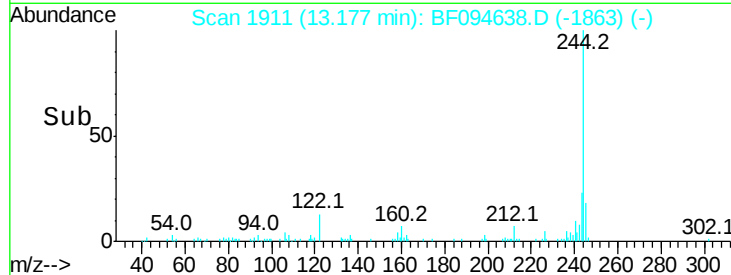
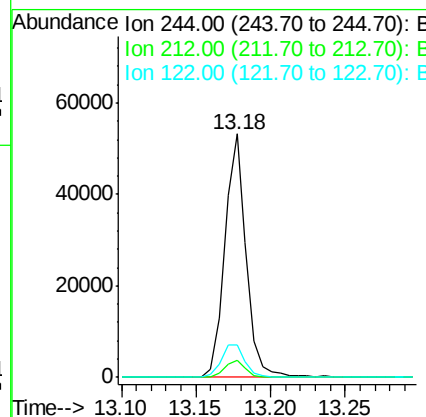
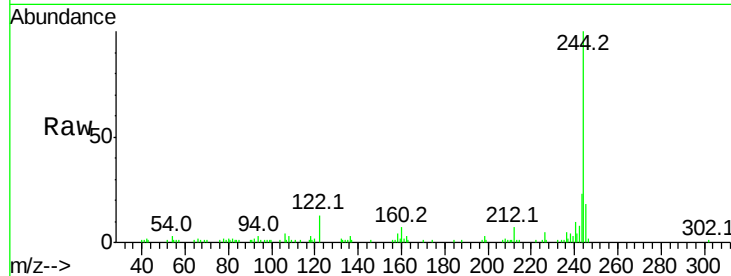




#78
 Terphenyl-d14
 Concen: 5.99 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 53231
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion:264 Resp: 165288
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.5 29.3
 265 20.7 17.2 25.8

