

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093983.D
 Acq On : 28 Mar 2017 10:14
 Operator : SJ/MA
 Sample : I2428-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 13:39:13 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

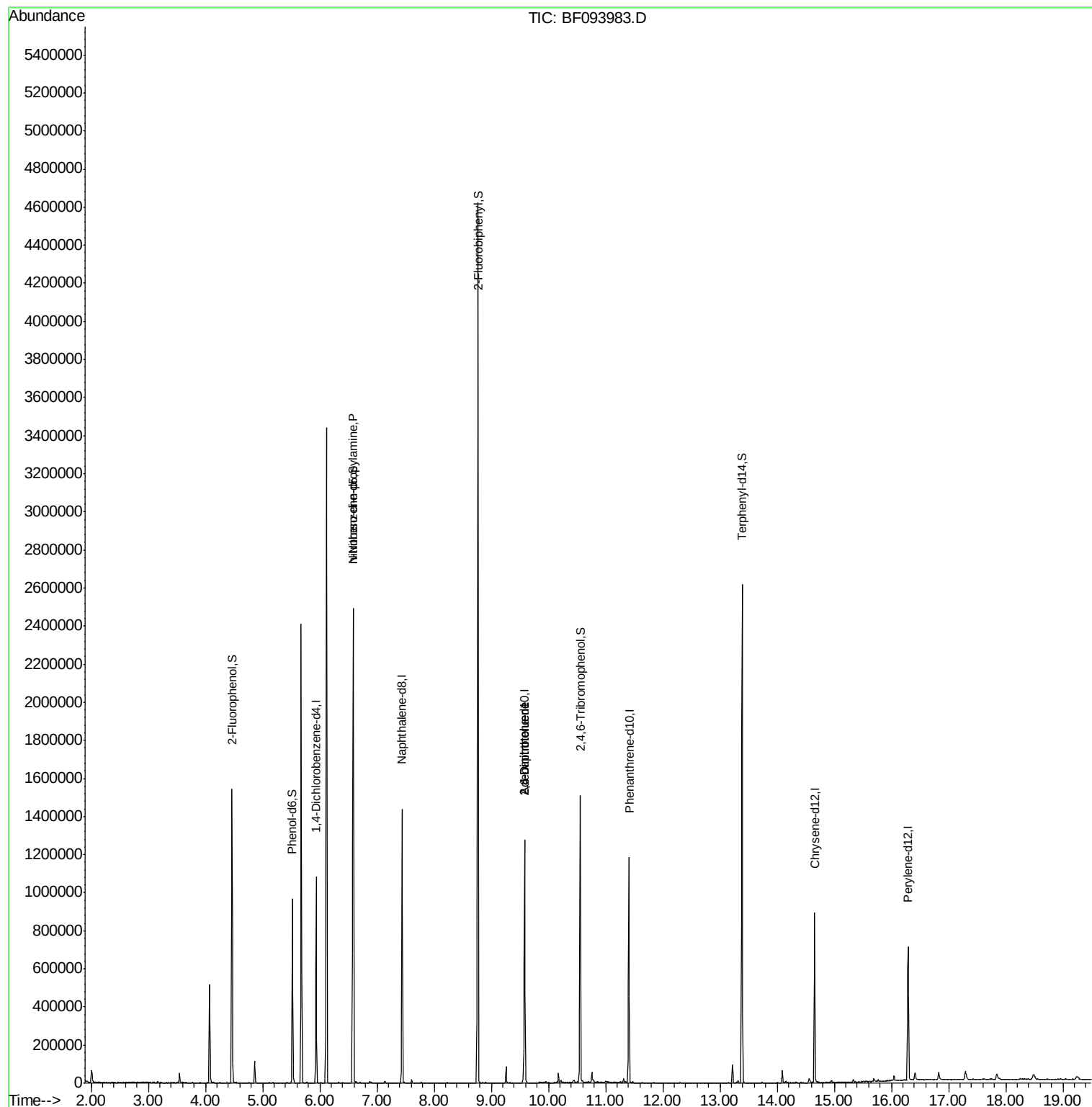
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	175686	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	688316	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	300327	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	483308	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	321786	20.00	ng	-0.02
86) Perylene-d12	16.29	264	288827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	403492	38.79	ng	-0.01
7) Phenol-d6	5.52	99	306365	23.81	ng	-0.03
23) Nitrobenzene-d5	6.59	82	1064933	88.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	204766	86.28	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1810181	91.93	ng	-0.01
78) Terphenyl-d14	13.39	244	894991	62.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	141373	17.09	ng	# 78
50) 2,6-Dinitrotoluene	9.58	165	38575	7.88	ng	# 33
56) 2,4-Dinitrotoluene	9.58	165	38576	6.28	ng	# 32

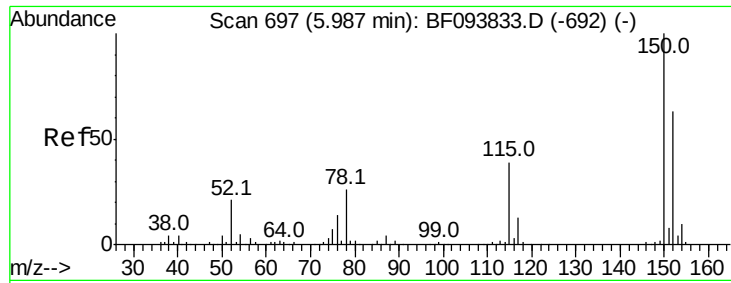
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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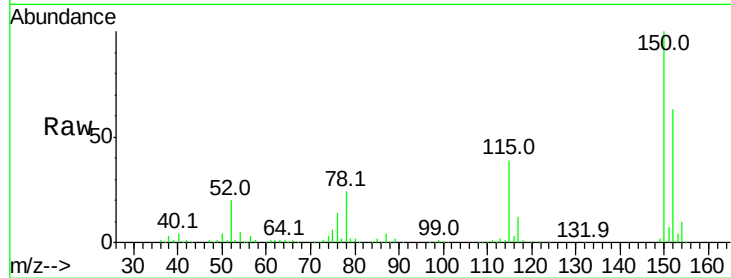


#1

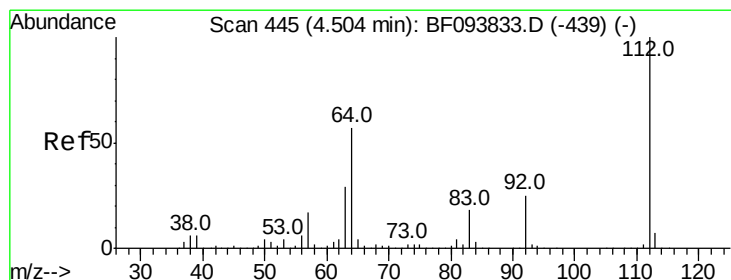
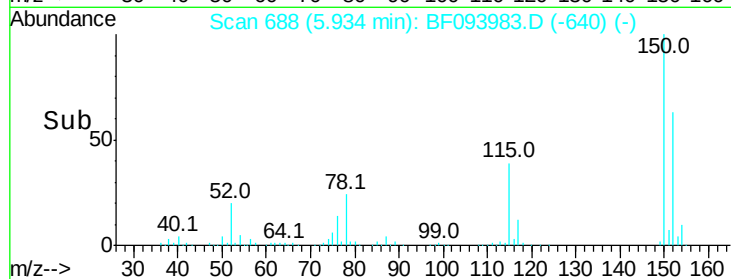
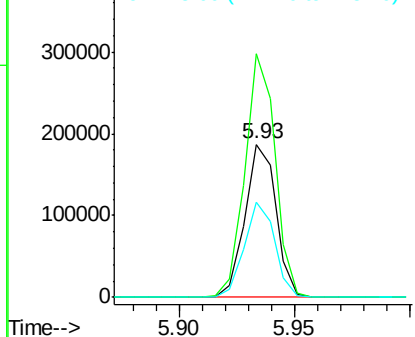
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093983.D
Acq: 28 Mar 2017 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175686
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 61.7 52.2 78.2



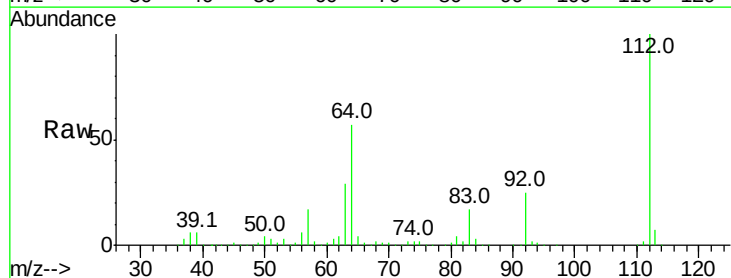
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



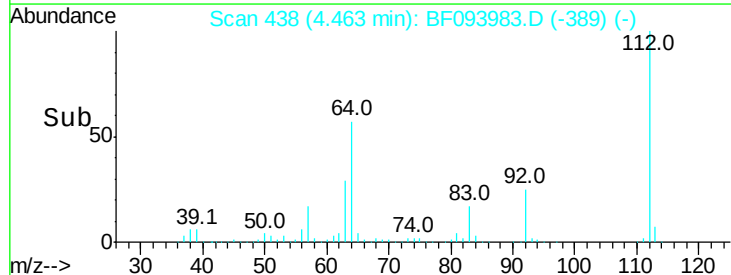
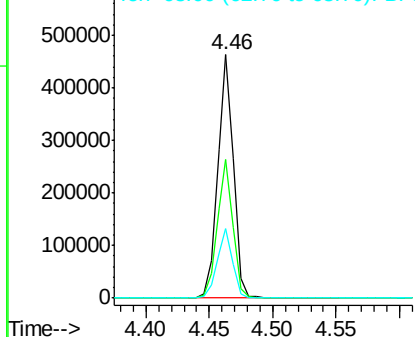
#5

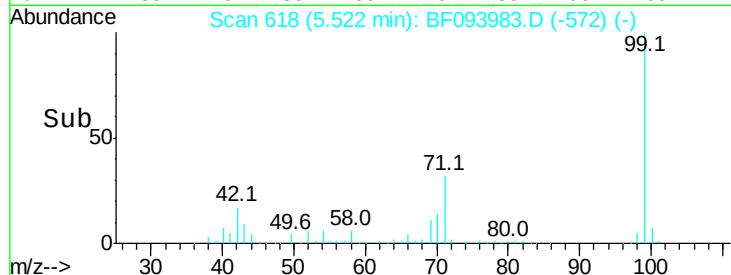
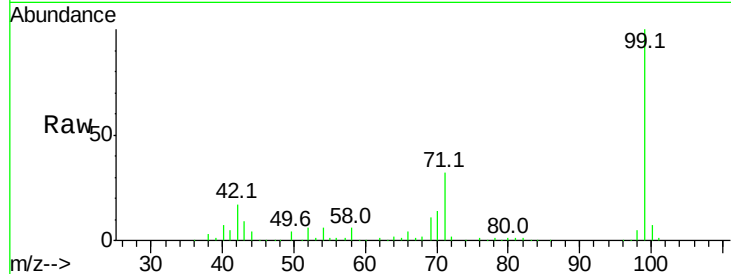
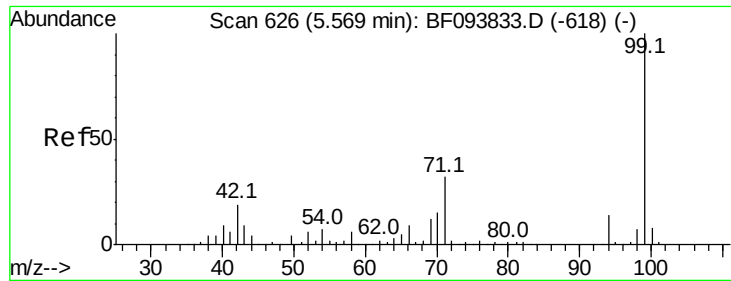
2-Fluorophenol
Concen: 38.79 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093983.D
Acq: 28 Mar 2017 10:14

Tgt Ion:112 Resp: 403492
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.5 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: 23.81 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093983.D

Acq: 28 Mar 2017 10:14

Instrument :

BNA_F

ClientSampled :

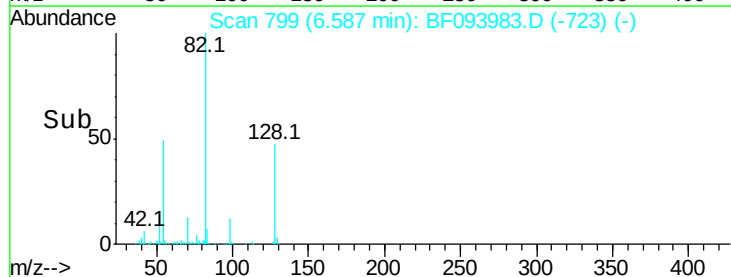
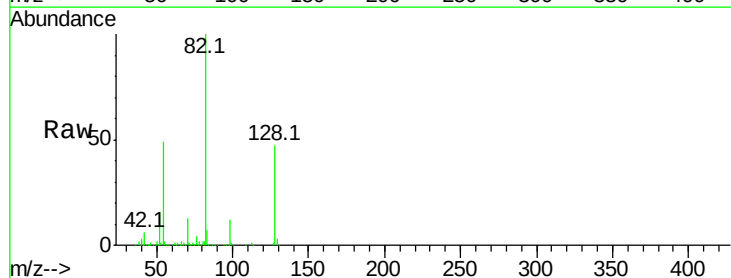
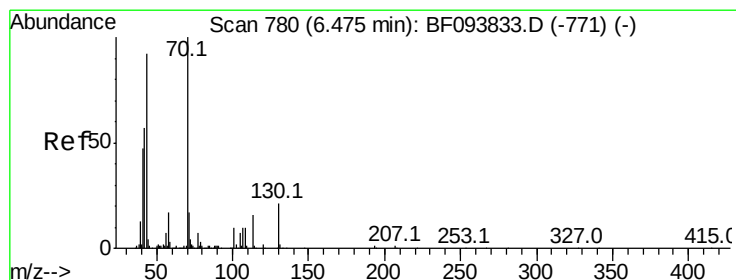
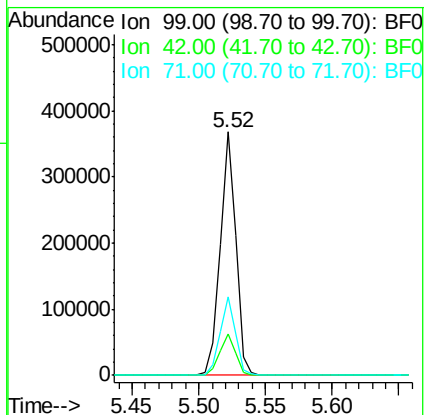
Tot Ion: 99 Resp: 306365

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 32.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.09 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093983.D

Acq: 28 Mar 2017 10:14

Tgt Ion: 70 Resp: 141373

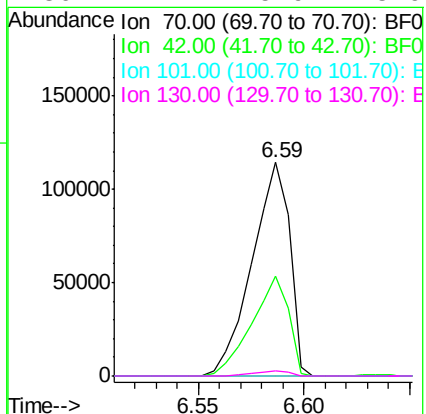
Ion Ratio Lower Upper

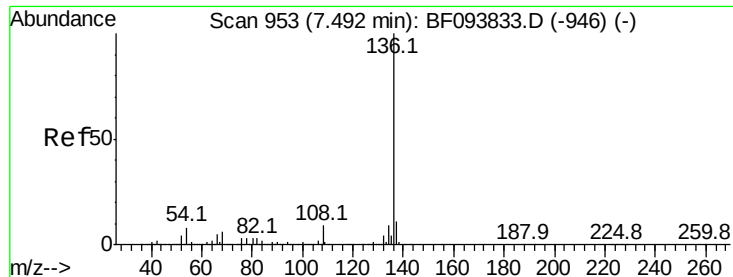
70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093983.D

Acq: 28 Mar 2017 10:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 688316

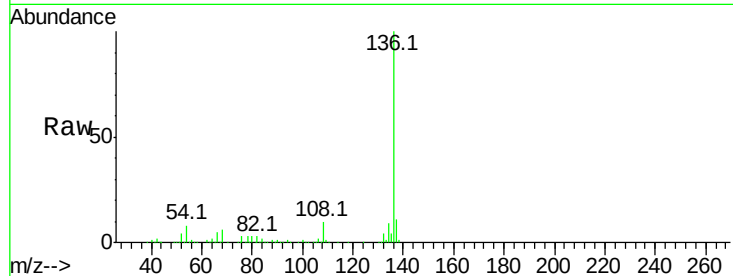
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.3 4.1 6.1#

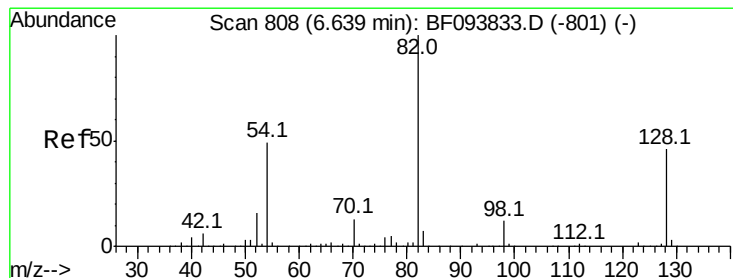
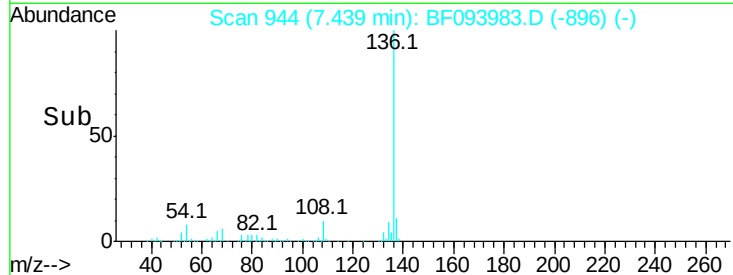
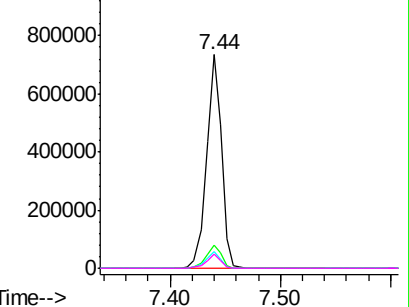


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.29 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093983.D

Acq: 28 Mar 2017 10:14

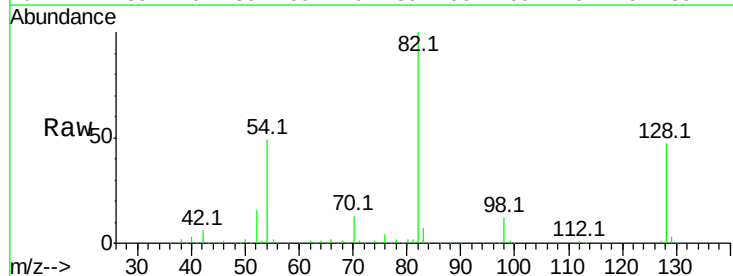
Tgt Ion: 82 Resp: 1064933

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

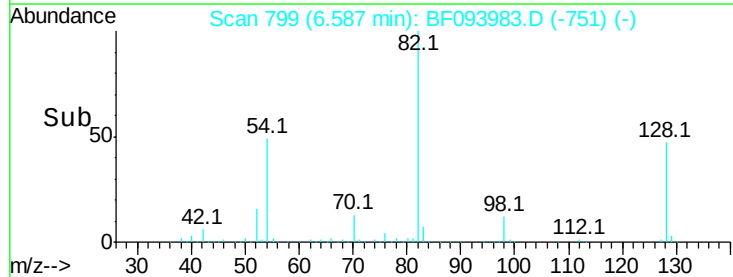
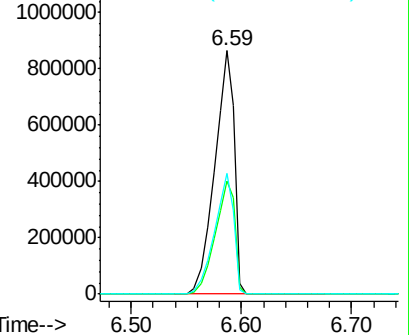
54 49.4 42.2 63.2

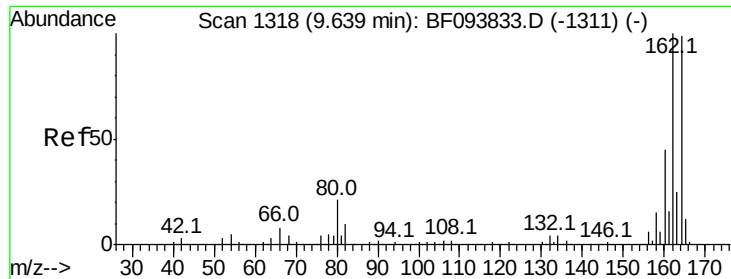


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

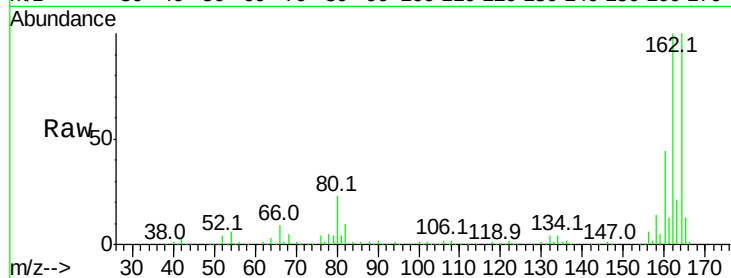




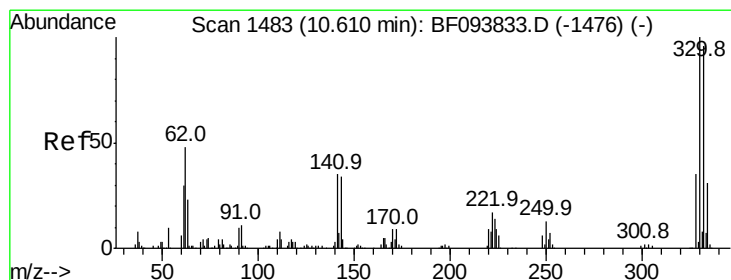
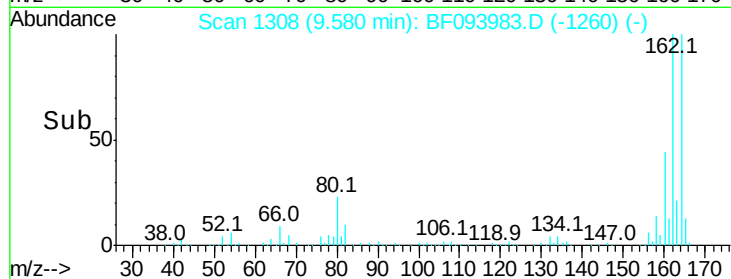
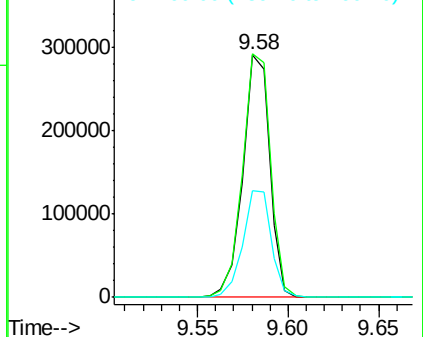
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	43.8	36.2	54.2

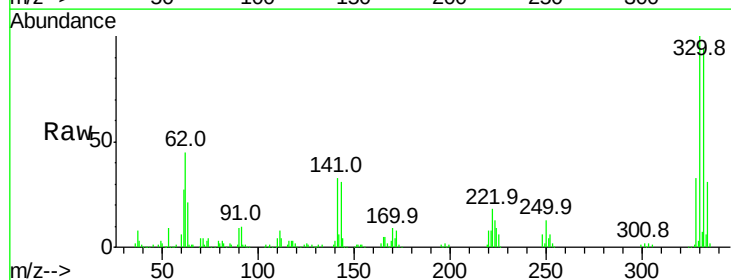


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

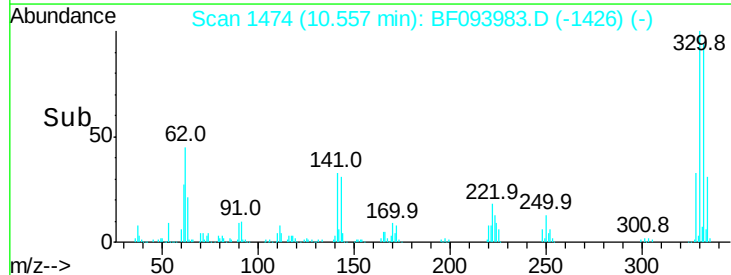
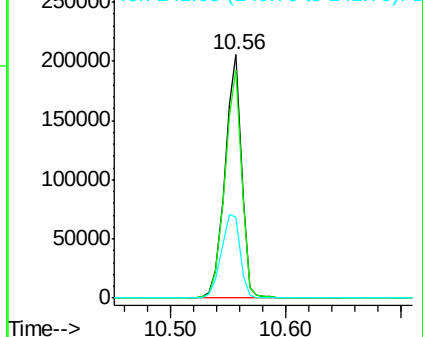


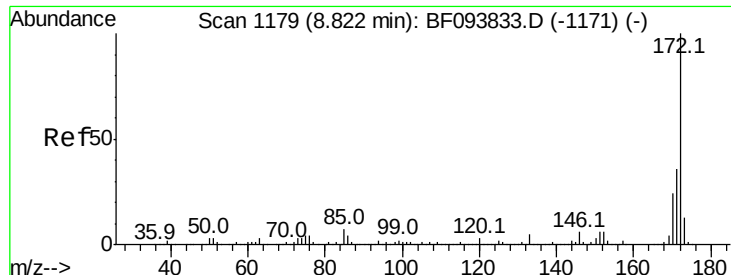
#41
 2,4,6-Tribromophenol
 Concen: 86.28 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	39.3	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



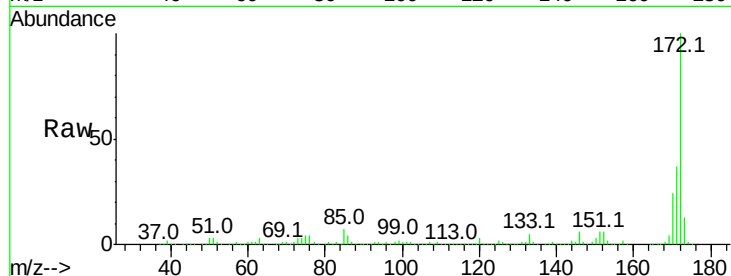


#44
 2-Fluorobiphenyl
 Concen: 91.93 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

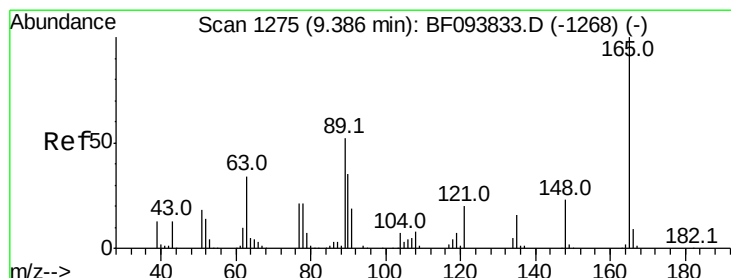
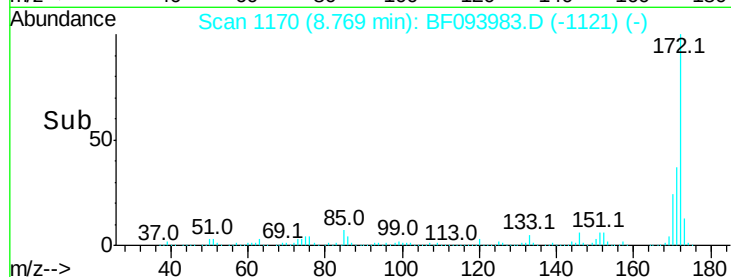
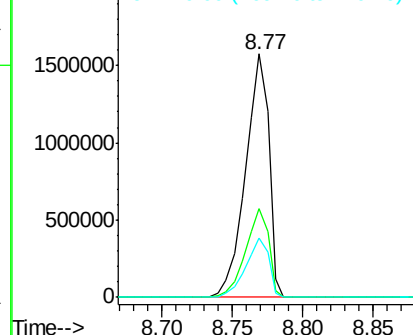
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1810181

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	19.8	29.8



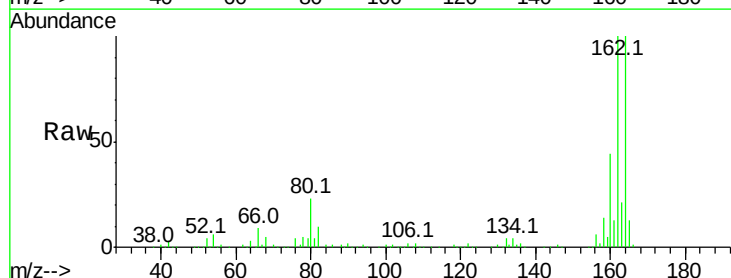
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



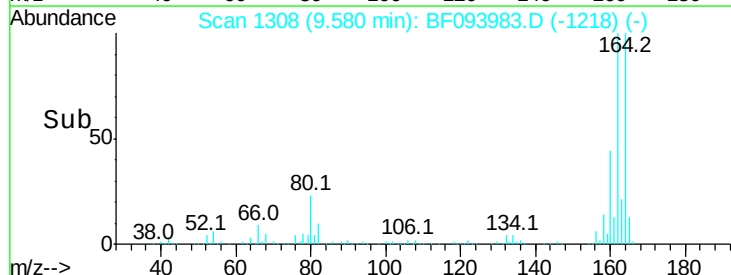
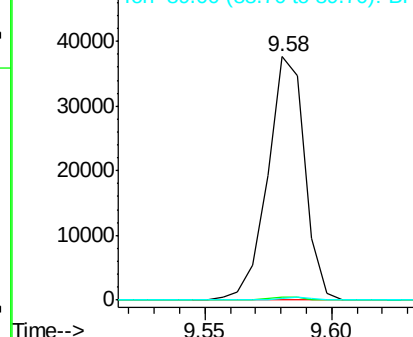
#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. 0.23 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

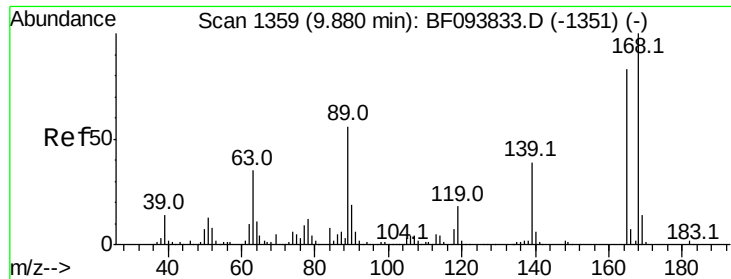
Tgt Ion:165 Resp: 38575

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	0.9	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

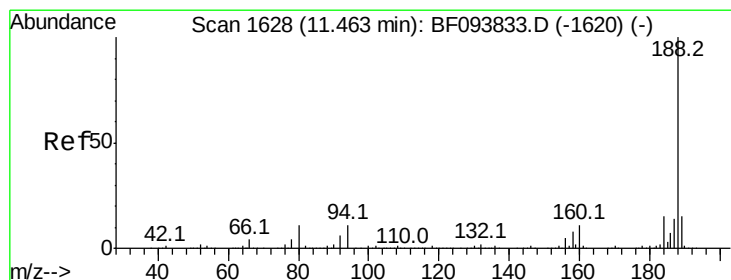
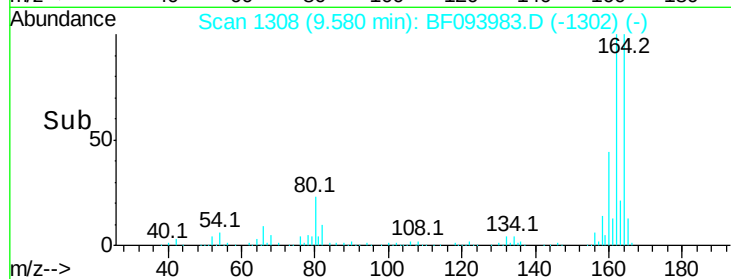
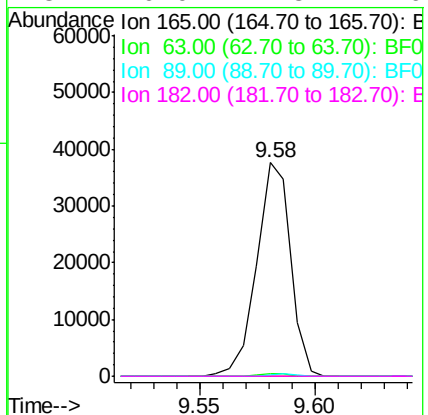
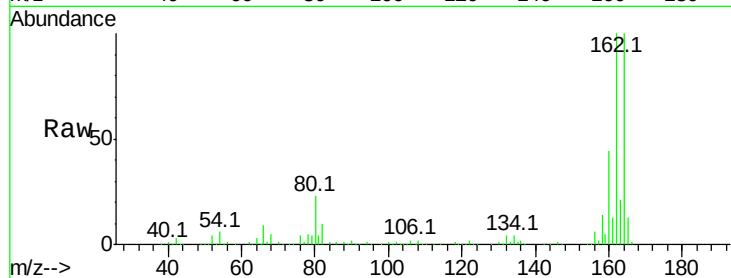




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.26 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

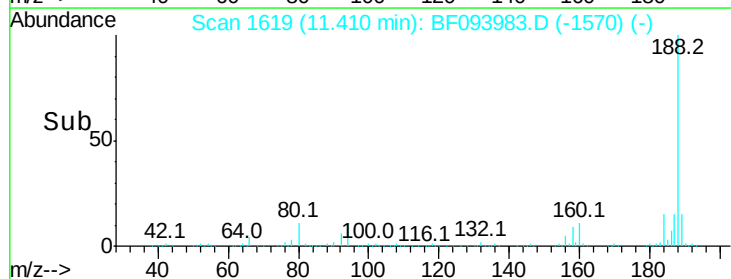
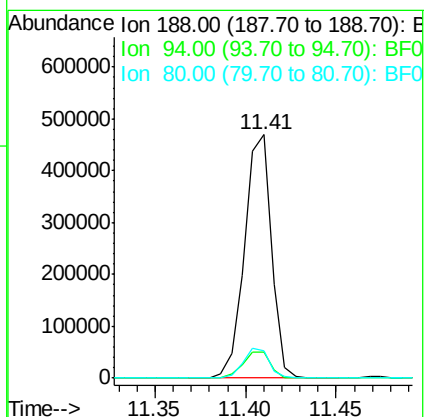
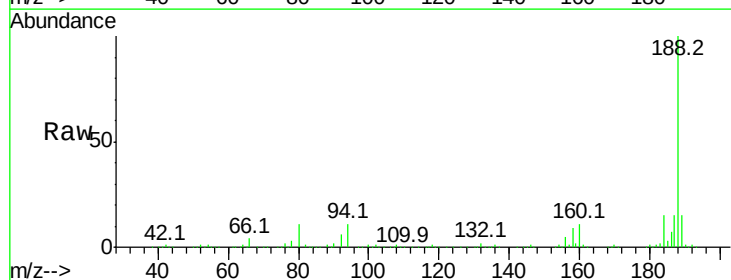
Instrument :
 BNA_F
 ClientSampleId :

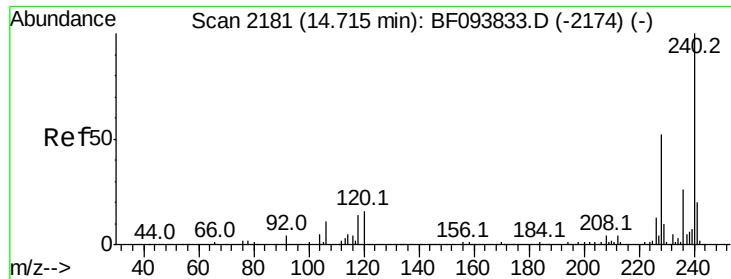
Tot Ion:165 Resp: 38576
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 0.9 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

Tgt Ion:188 Resp: 483308
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.2 10.2 15.2

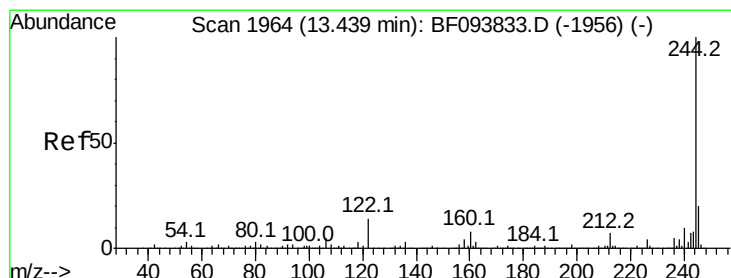
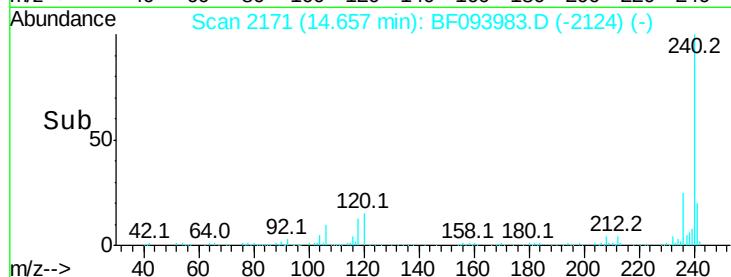
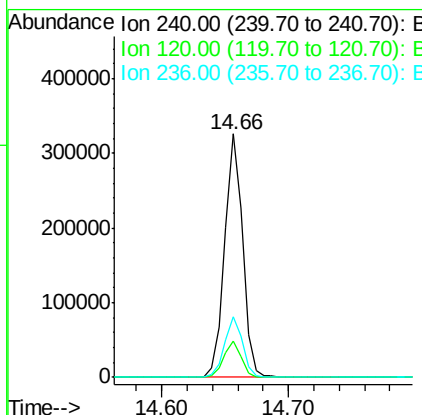
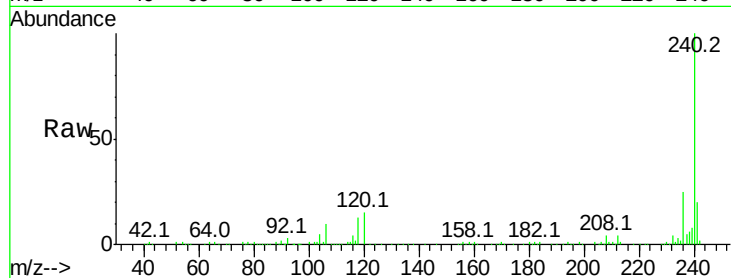




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

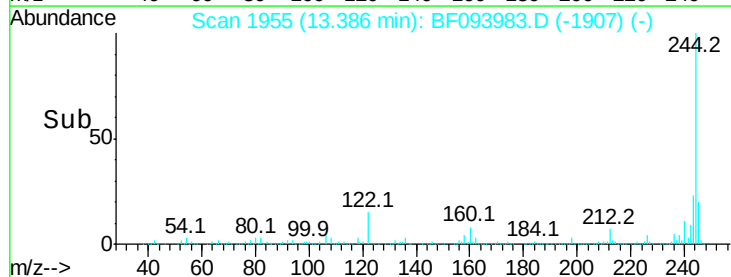
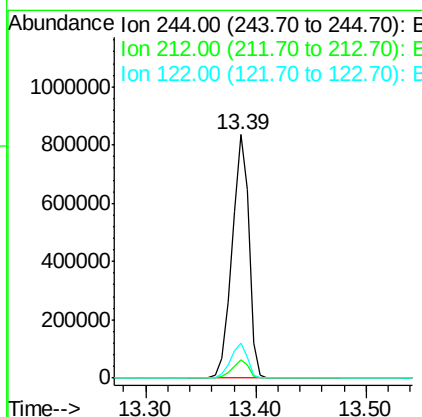
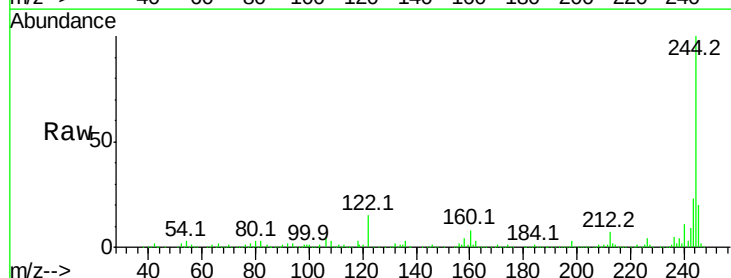
Instrument :
 BNA_F
 ClientSampleId :

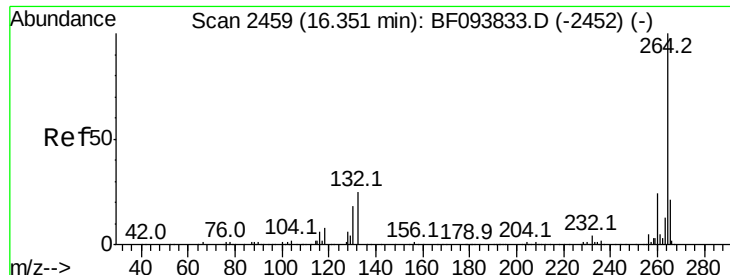
Tot Ion:240 Resp: 321786
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 62.34 ng
 RT: 13.39 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

Tgt Ion:244 Resp: 894991
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.6 10.3 15.5

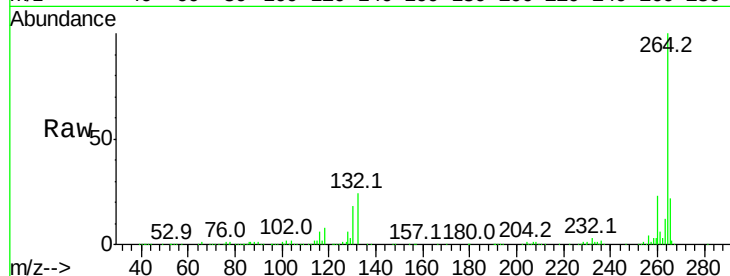




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093983.D
 Acq: 28 Mar 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	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

