

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097539.D
 Acq On : 10 Aug 2017 2:11
 Operator : SJ/JU
 Sample : I4677-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-WSW

Quant Time: Aug 10 14:13:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

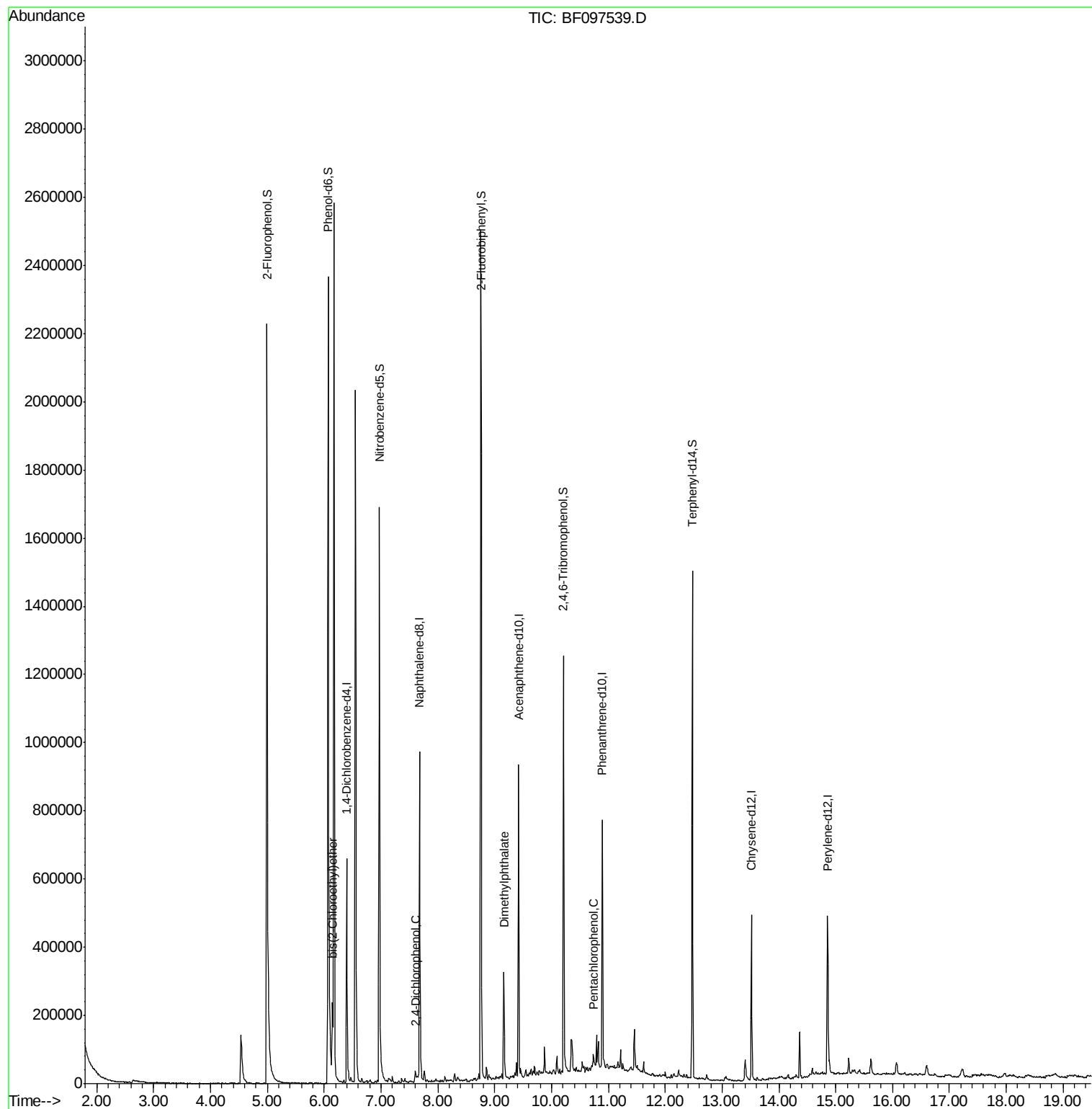
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	113330	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	468183	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	174895	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	281300	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	175777	20.00	ng	-0.02
86) Perylene-d12	14.86	264	185824	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	803623	106.90	ng	-0.01
7) Phenol-d6	6.07	99	978018	113.96	ng	-0.01
23) Nitrobenzene-d5	6.97	82	584754	73.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	144633	104.67	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	825957	80.15	ng	-0.02
78) Terphenyl-d14	12.48	244	481512	55.85	ng	-0.02
Target Compounds						
11) bis(2-Chloroethyl)ether	6.15	93	68214	8.472	ng	88
29) 2,4-Dichlorophenol	7.60	162	15702	2.457	ng	93
49) Dimethylphthalate	9.16	163	132423	9.971	ng	98
69) Pentachlorophenol	10.73	266	6401	4.914	ng	93

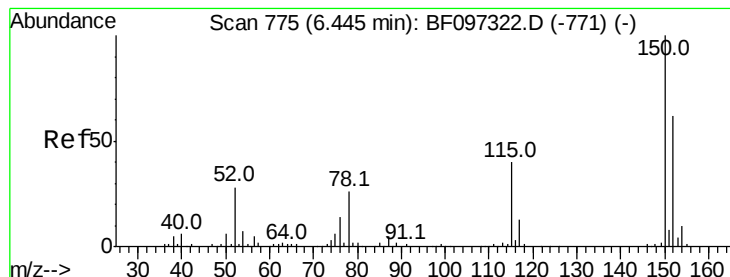
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097539.D
Acq On : 10 Aug 2017 2:11
Operator : SJ/JU
Sample : I4677-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Quant Time: Aug 10 14:13:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



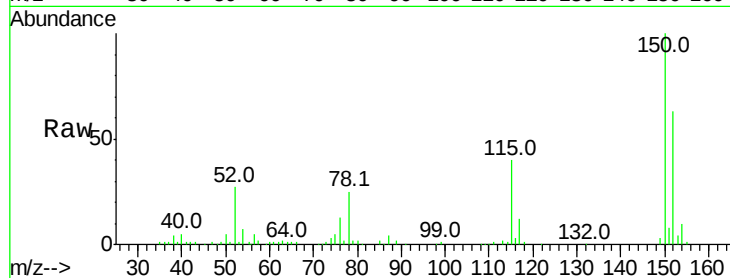


#1

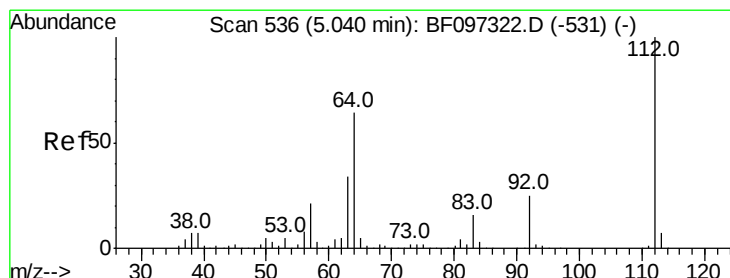
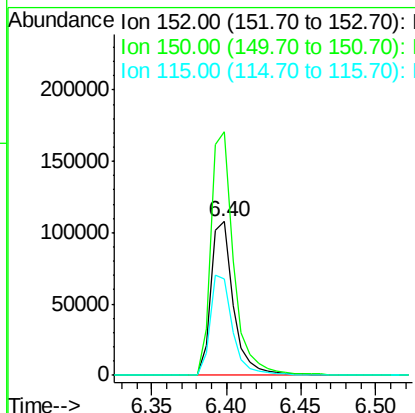
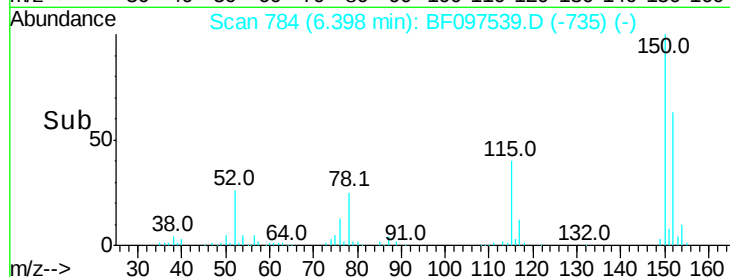
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-WSW

Tot Ion:152 Resp: 113330
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.2 189.2
 115 62.7 52.2 78.2



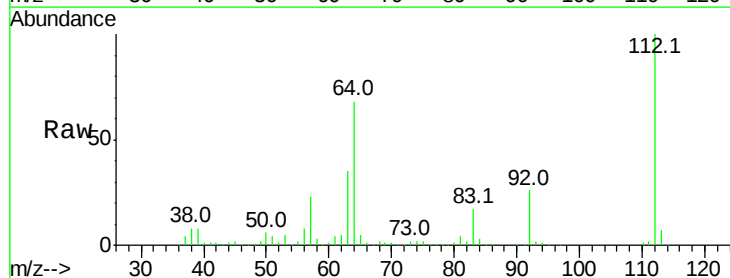
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



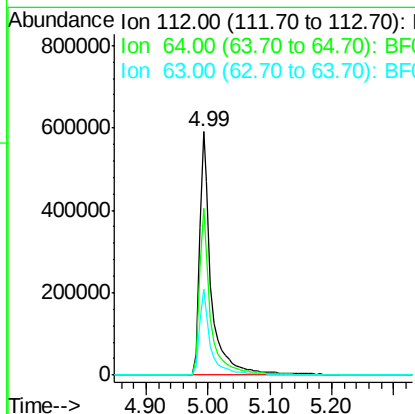
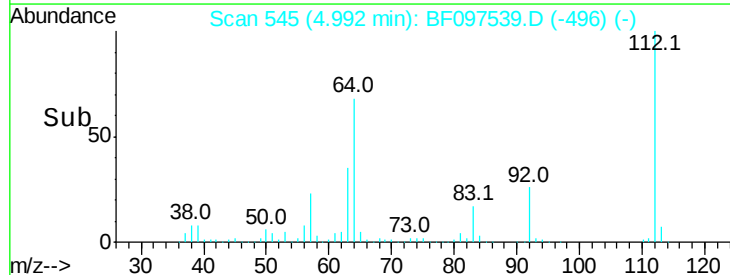
#5

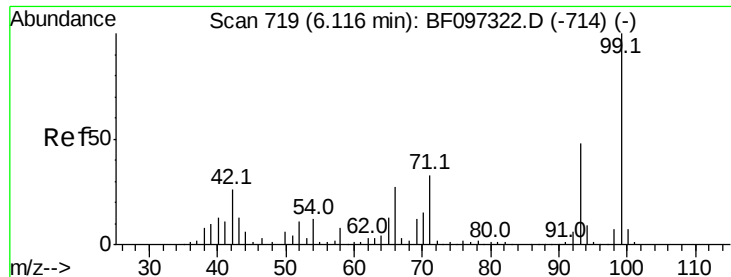
2-Fluorophenol
 Concen: 106.896 ng
 RT: 4.99 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Tgt Ion:112 Resp: 803623
 Ion Ratio Lower Upper
 112 100
 64 68.3 46.0 69.0
 63 35.2 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: 113.955 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097539.D

Acq: 10 Aug 2017 2:11

Instrument :

BNA_F

ClientSampleId :

E2-F9-WSW

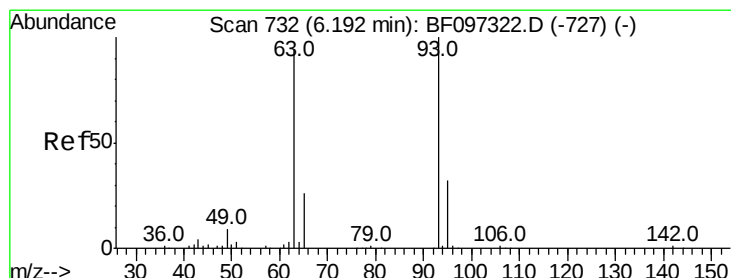
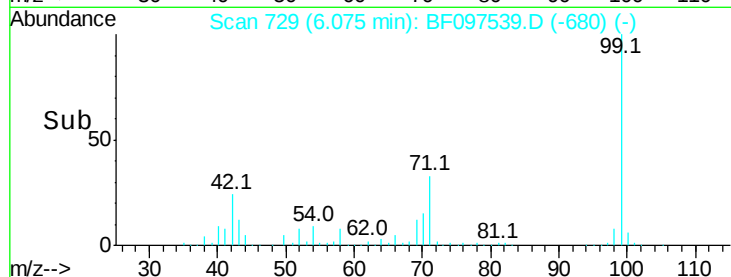
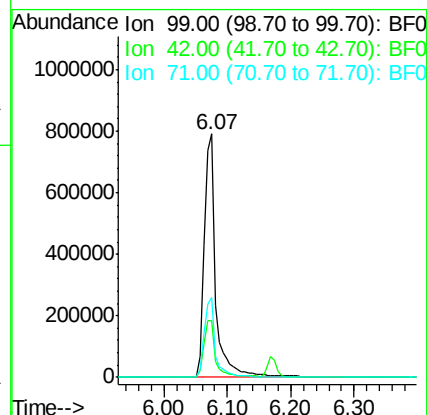
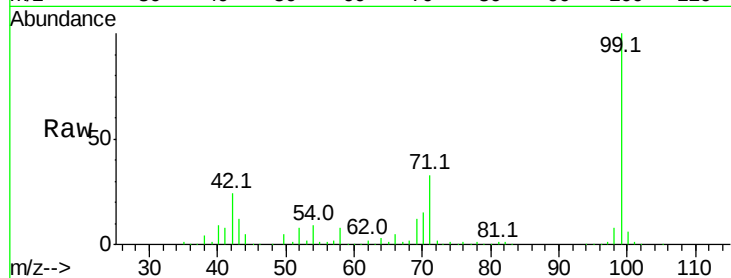
Tot Ion: 99 Resp: 978018

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

71 32.5 24.5 36.7



#11

bis(2-Chloroethyl)ether

Concen: 8.472 ng

RT: 6.15 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF097539.D

Acq: 10 Aug 2017 2:11

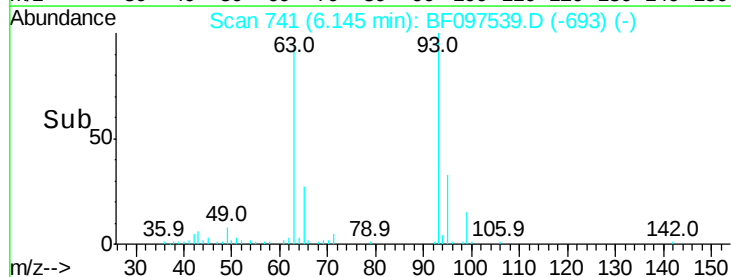
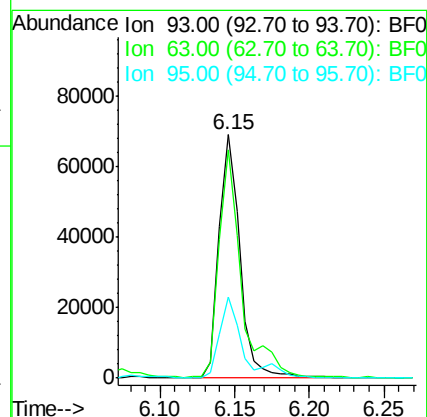
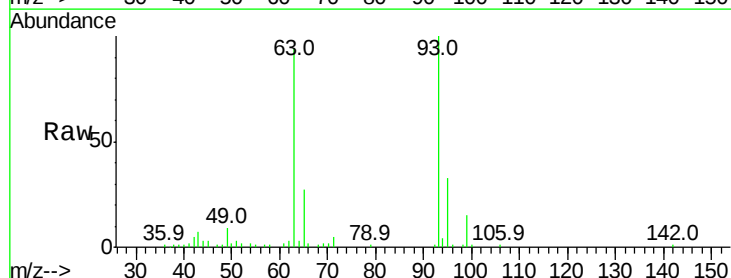
Tgt Ion: 93 Resp: 68214

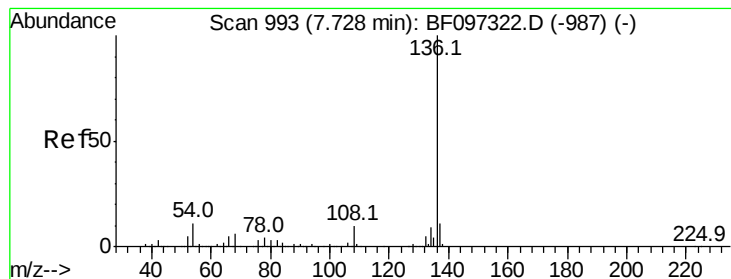
Ion Ratio Lower Upper

93 100

63 93.7 59.2 99.2

95 33.3 12.8 52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097539.D

Acq: 10 Aug 2017 2:11

Instrument :

BNA_F

ClientSampleId :

E2-F9-WSW

Tot Ion:136 Resp: 468183

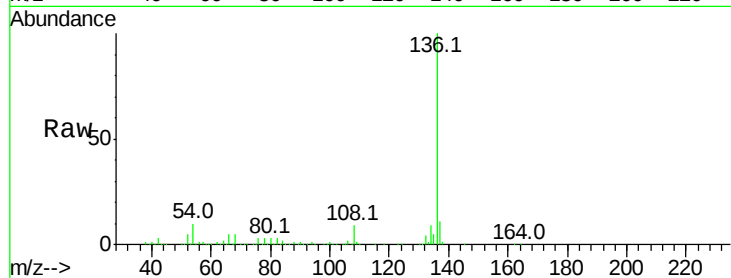
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.1 4.9 7.3#

68 5.1 4.1 6.1

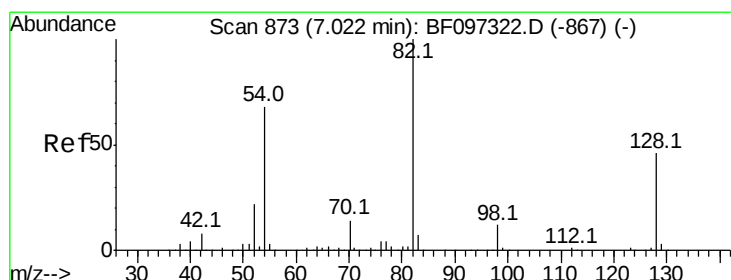
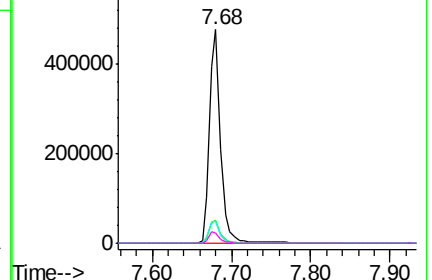
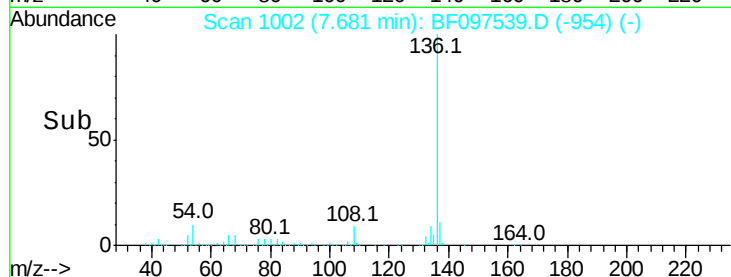


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.271 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097539.D

Acq: 10 Aug 2017 2:11

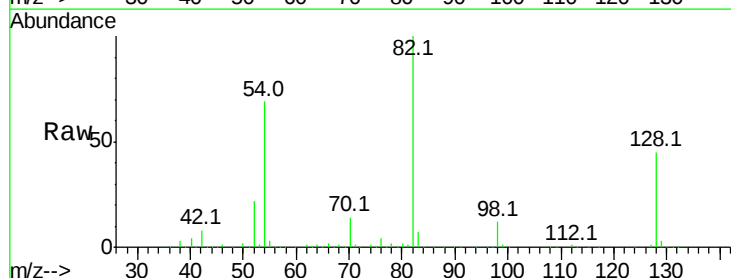
Tgt Ion: 82 Resp: 584754

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

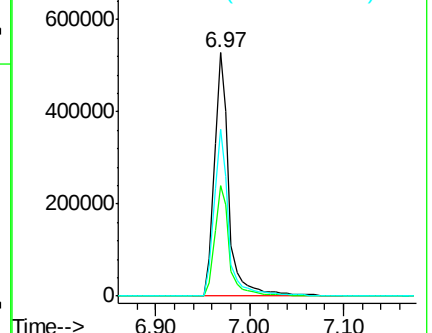
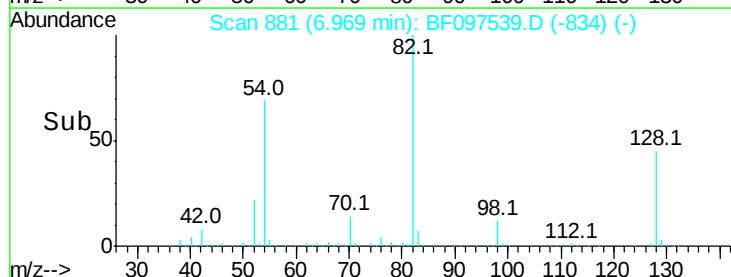
54 68.7 42.2 63.2#

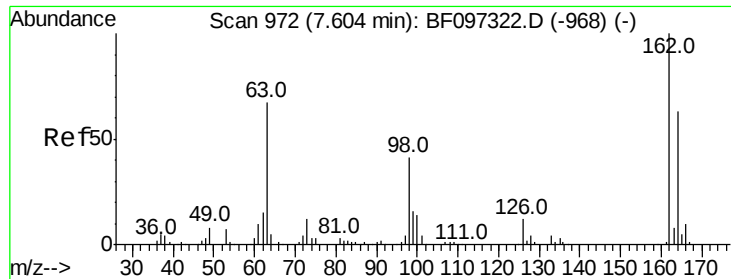


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

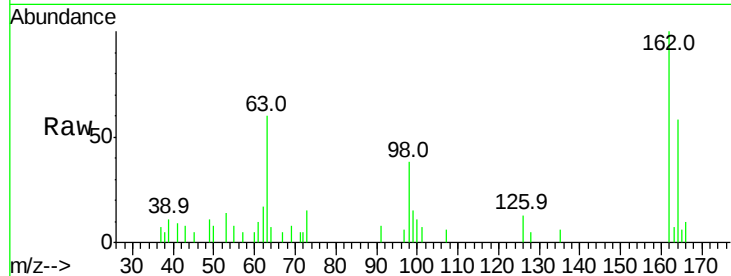




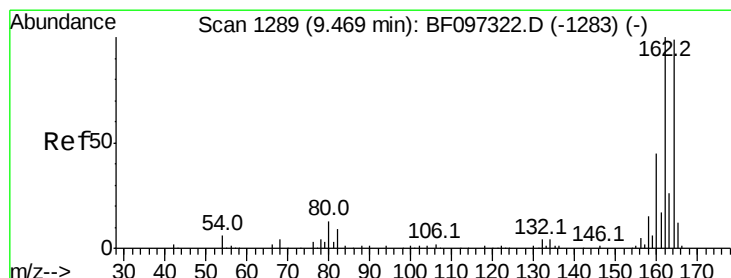
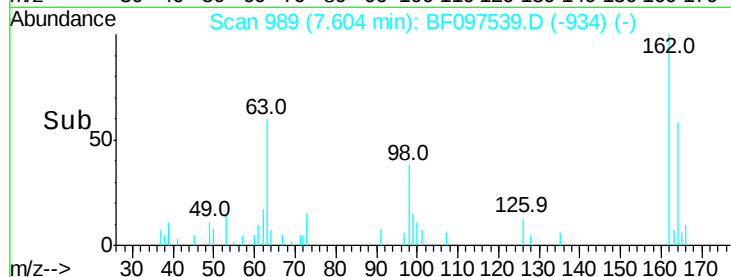
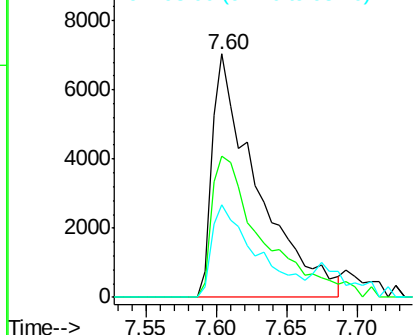
#29
 2,4-Dichlorophenol
 Concen: 2.457 ng
 RT: 7.60 min Scan# 989
 Delta R.T. 0.02 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-WSW

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.3	44.6	84.6
98	38.0	14.8	54.8

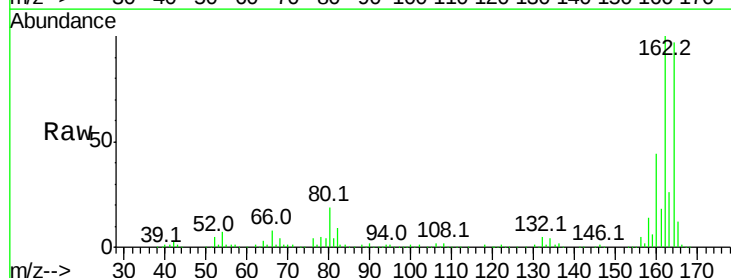


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

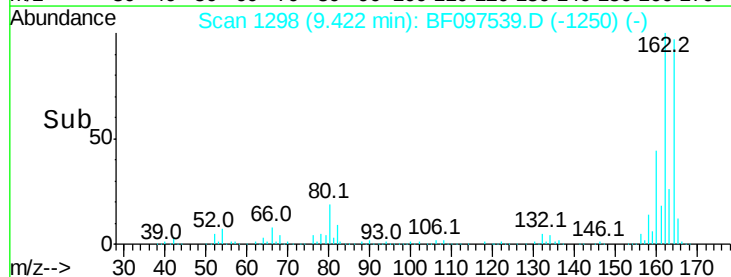
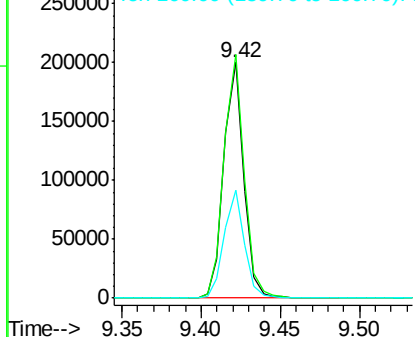


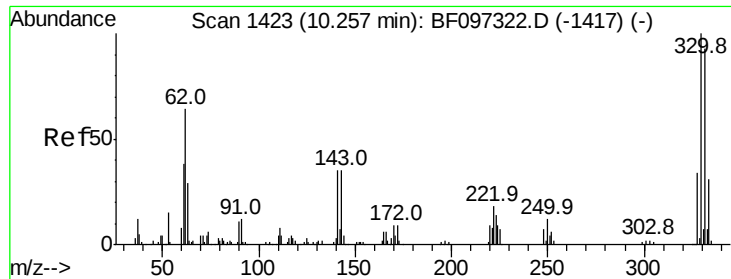
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.7	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

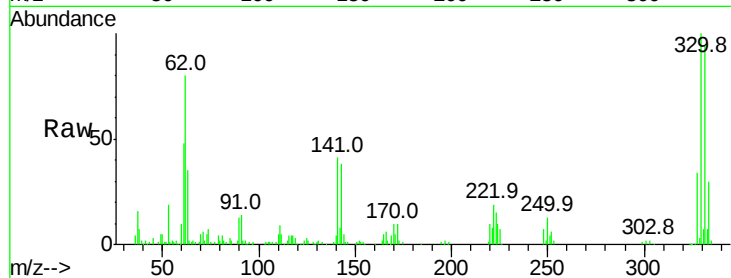




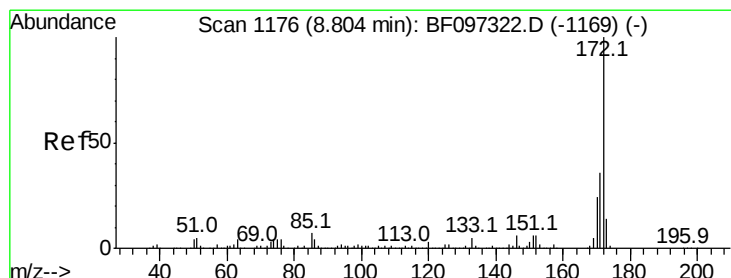
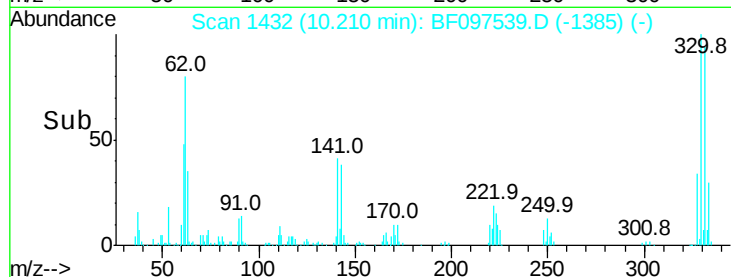
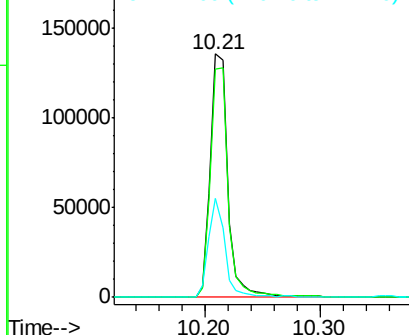
#41
 2,4,6-Tribromophenol
 Concen: 104.667 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-WSW

Tot Ion:330 Resp: 144633
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.9 31.4 47.2

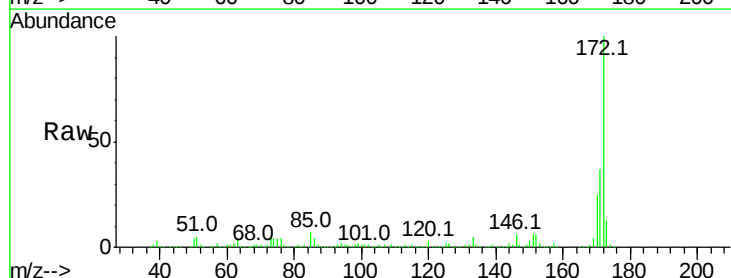


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

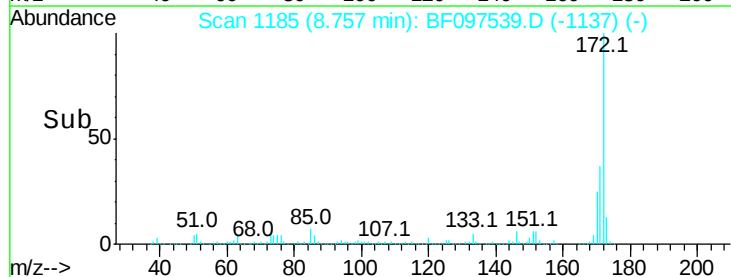
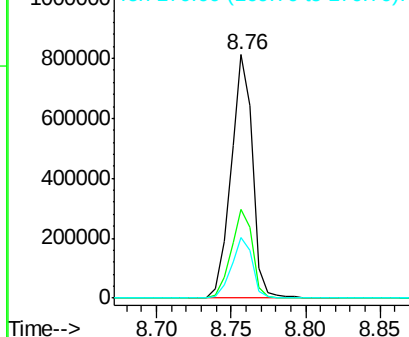


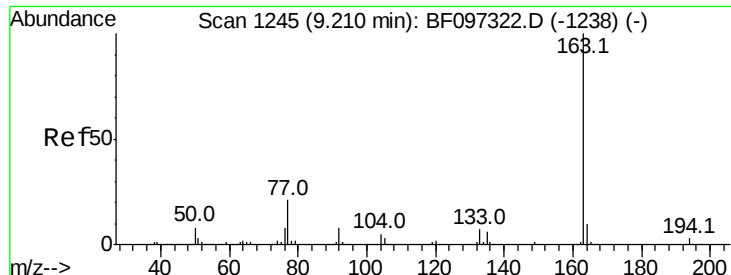
#44
 2-Fluorobiphenyl
 Concen: 80.147 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Tgt Ion:172 Resp: 825957
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.8 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

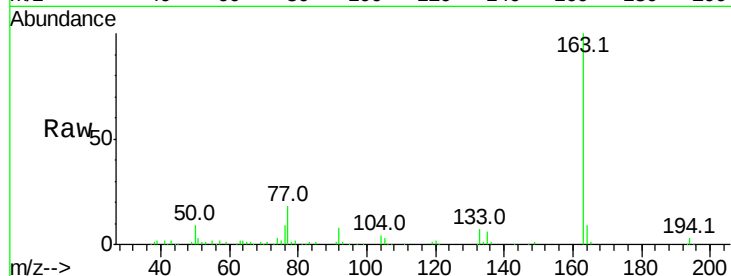




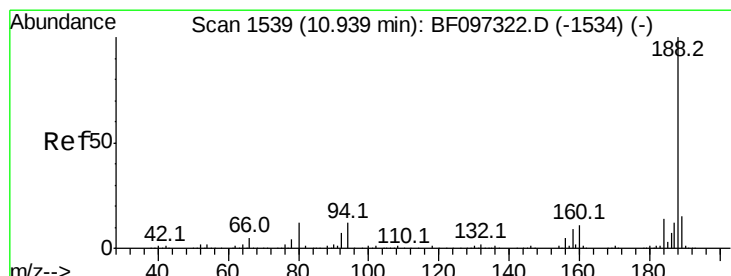
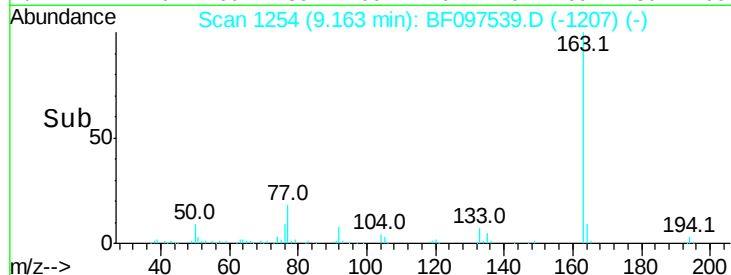
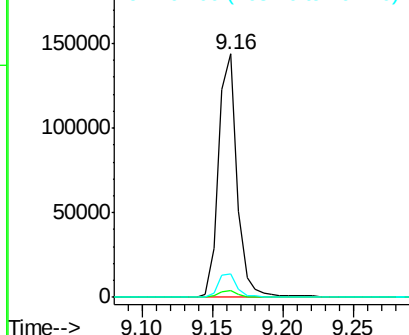
#49
Dimethylphthalate
Concen: 9.971 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.5	8.4	12.6

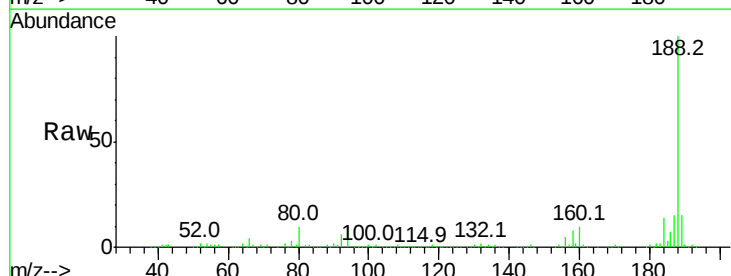


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

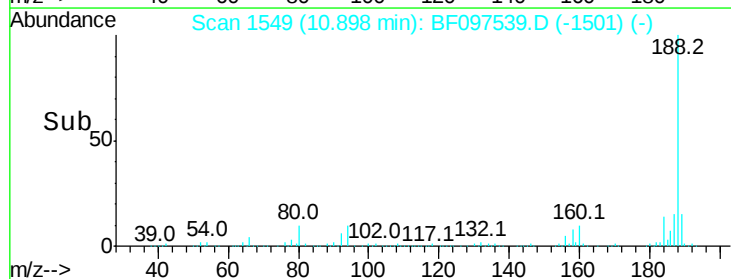
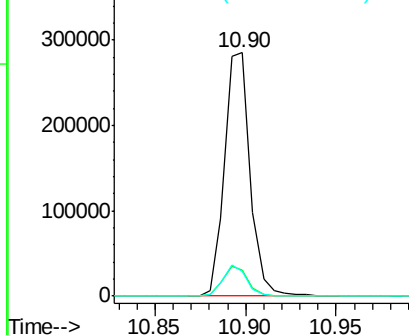


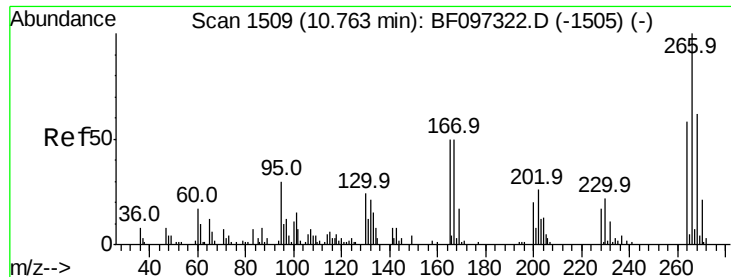
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.3	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

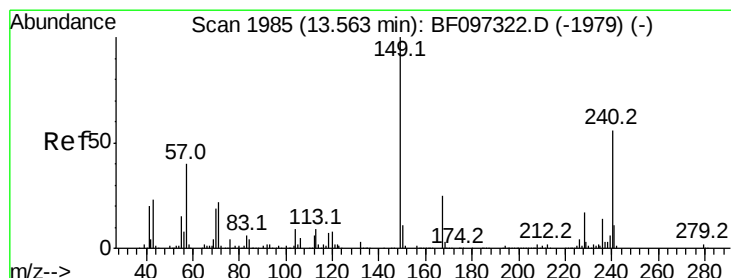
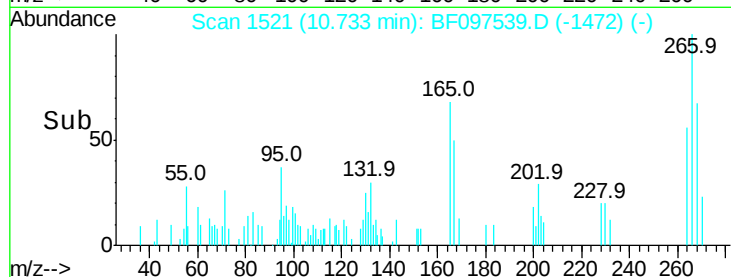
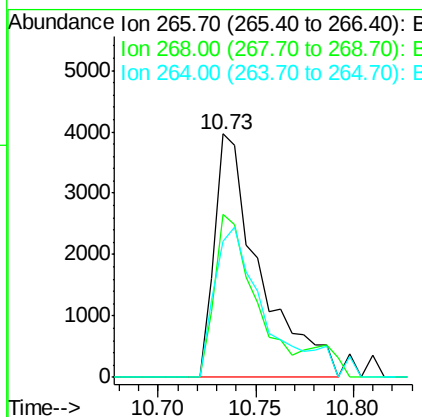
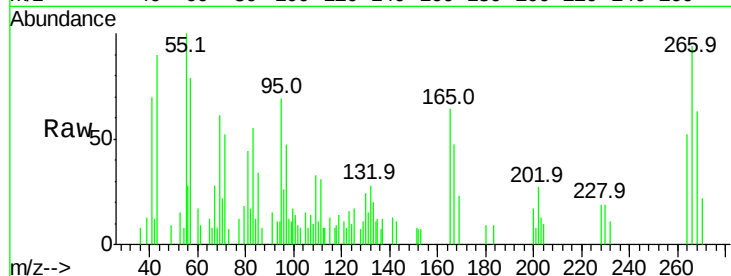




#69
 Pentachlorophenol
 Concen: 4.914 ng
 RT: 10.73 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

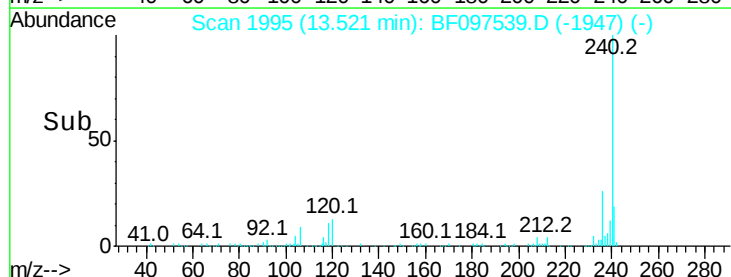
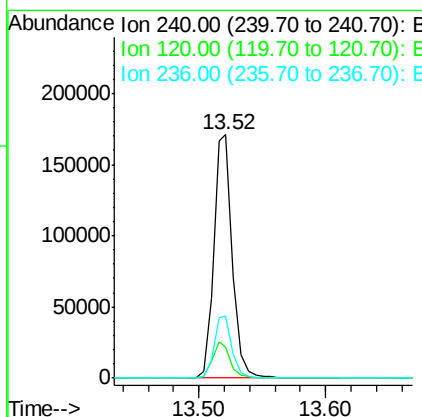
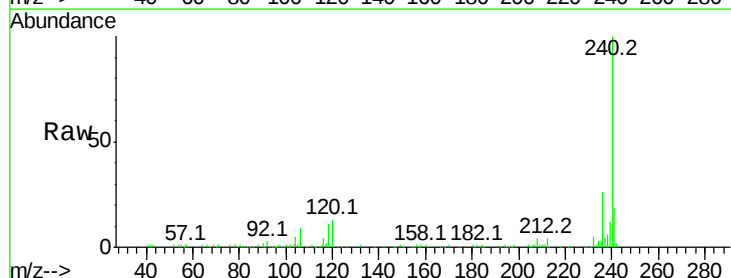
Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-WSW

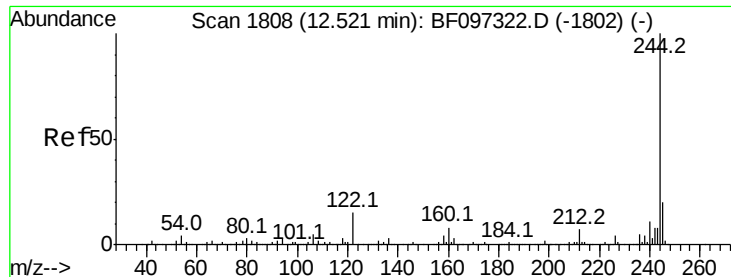
Tot Ion:266 Resp: 6401
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.1 76.7
 264 55.9 51.7 77.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.52 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF097539.D
 Acq: 10 Aug 2017 2:11

Tgt Ion:240 Resp: 175777
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.8 8.8#
 236 25.7 20.5 30.7





#78

Terphenyl-d14

Concen: 55.851 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097539.D

Acq: 10 Aug 2017 2:11

Instrument :

BNA_F

ClientSampleId :

E2-F9-WSW

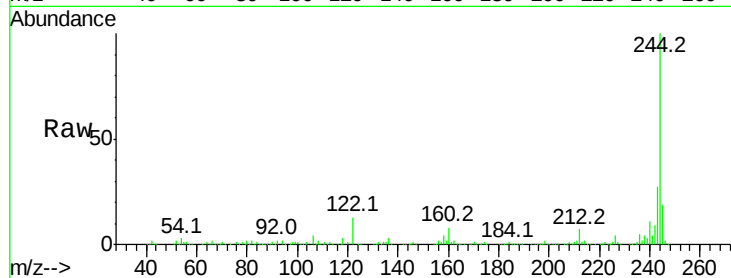
Tot Ion:244 Resp: 481512

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

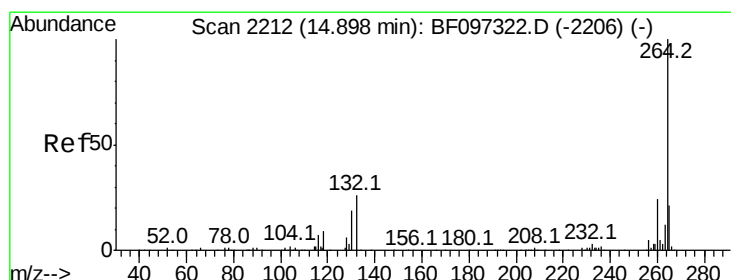
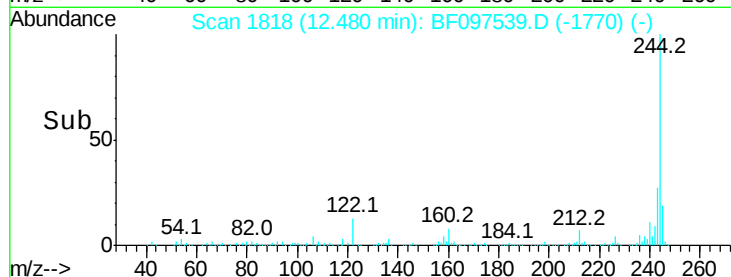
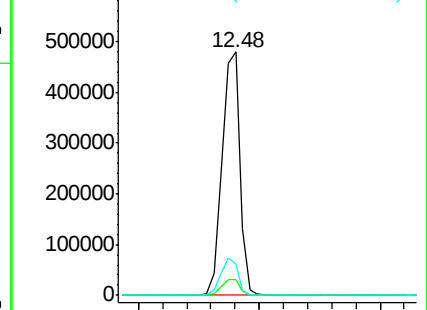
122 13.0 10.3 15.5



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: 20.000 ng

RT: 14.86 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097539.D

Acq: 10 Aug 2017 2:11

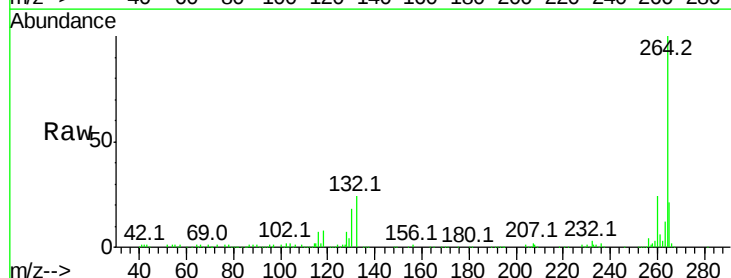
Tgt Ion:264 Resp: 185824

Ion Ratio Lower Upper

264 100

260 23.6 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

