

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097261.D
 Acq On : 2 Aug 2017 8:23
 Operator : SJ/JU
 Sample : I4527-09 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-08-BASE

Quant Time: Aug 02 11:42:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

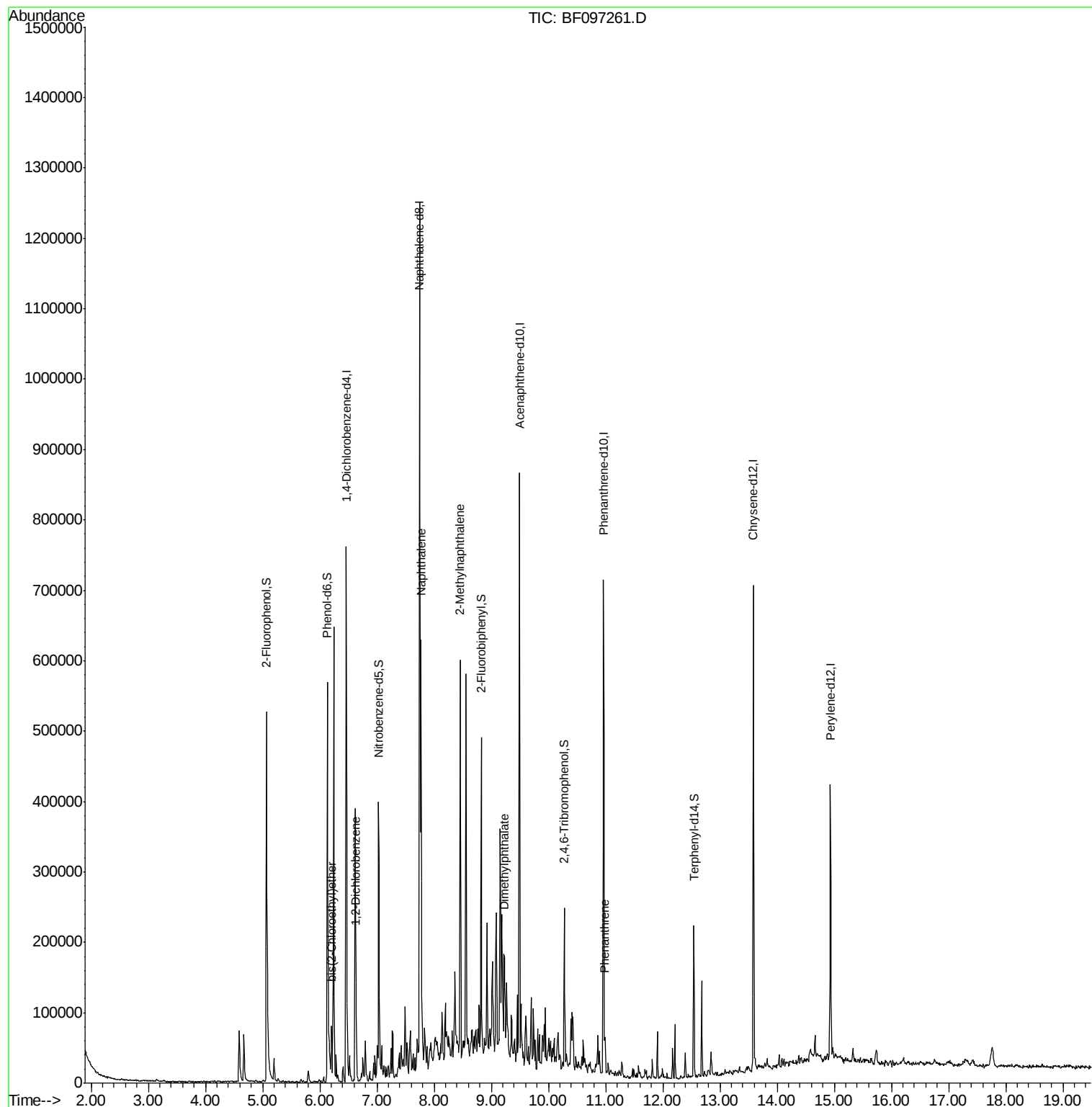
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	109924	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	475985	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	155389	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	225508	20.00	ng	0.00
75) Chrysene-d12	13.59	240	214548	20.00	ng	0.00
86) Perylene-d12	14.93	264	149271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	198080	27.16	ng	0.00
7) Phenol-d6	6.13	99	244291	29.35	ng	-0.01
23) Nitrobenzene-d5	7.03	82	118019	14.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	22926	18.67	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	120530	13.16	ng	-0.01
78) Terphenyl-d14	12.55	244	59801	5.68	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.20	93	20480	2.622	ng	90
14) 1,2-Dichlorobenzene	6.63	146	28544	3.926	ng	96
31) Naphthalene	7.77	128	250963	11.185	ng	99
37) 2-Methylnaphthalene	8.46	142	139995	9.854	ng	97
49) Dimethylphthalate	9.22	163	51643	4.377	ng	98
70) Phenanthrene	10.99	178	26689	2.209	ng	99

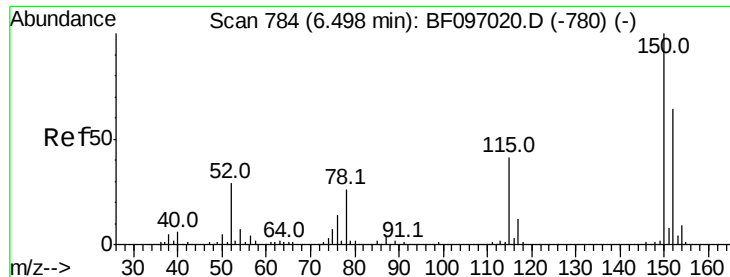
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097261.D
Acq On : 2 Aug 2017 8:23
Operator : SJ/JU
Sample : I4527-09 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-O8-BASE

Quant Time: Aug 02 11:42:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

Instrument :

BNA_F

ClientSampleId :

E2-O8-BASE

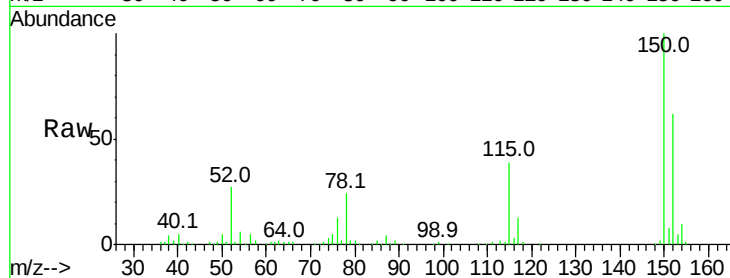
Tot Ion:152 Resp: 109924

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

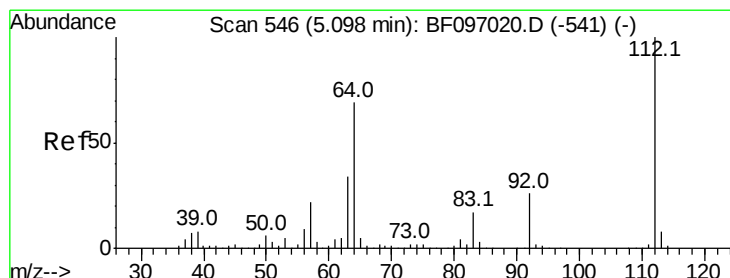
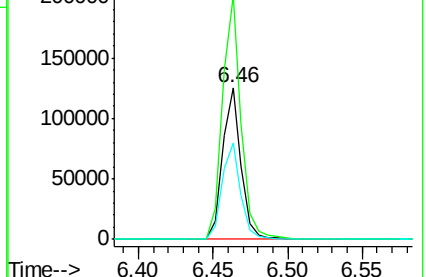
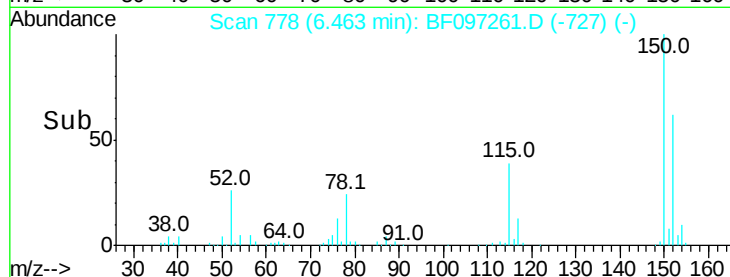
115 63.2 52.2 78.2



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: 27.165 ng

RT: 5.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

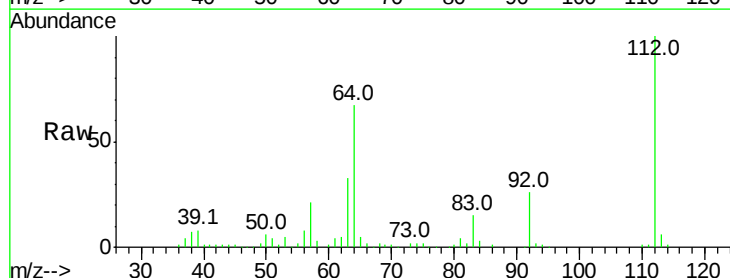
Tgt Ion:112 Resp: 198080

Ion Ratio Lower Upper

112 100

64 66.7 46.0 69.0

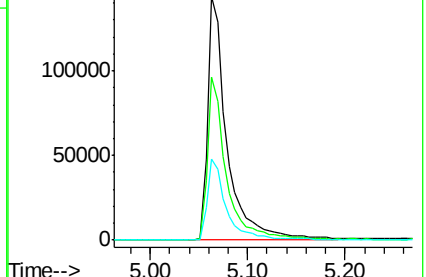
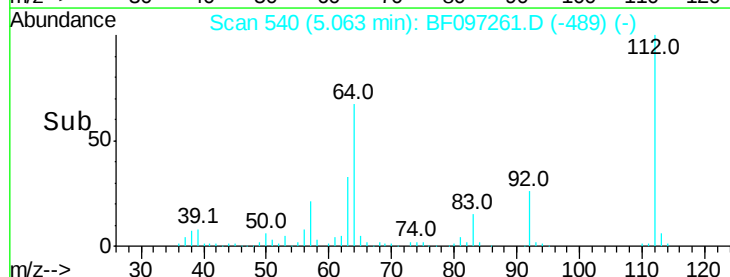
63 33.1 23.4 35.0

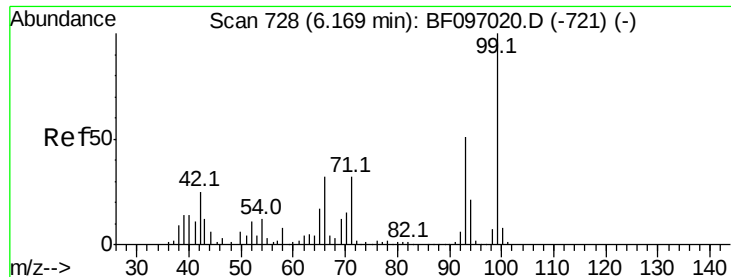


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.346 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

Instrument :

BNA_F

ClientSampled :

E2-O8-BASE

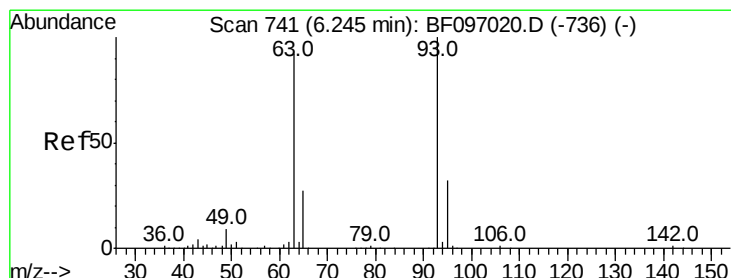
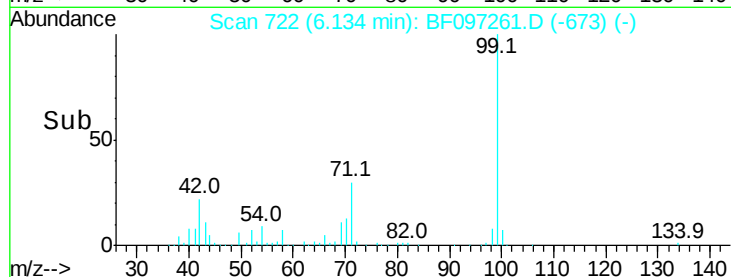
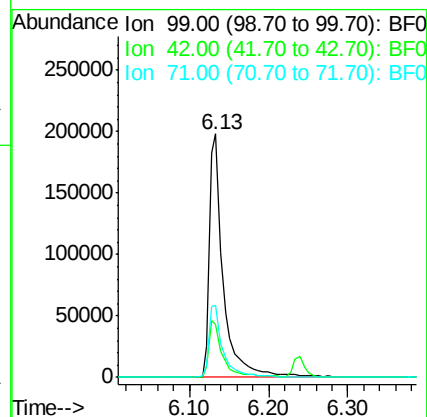
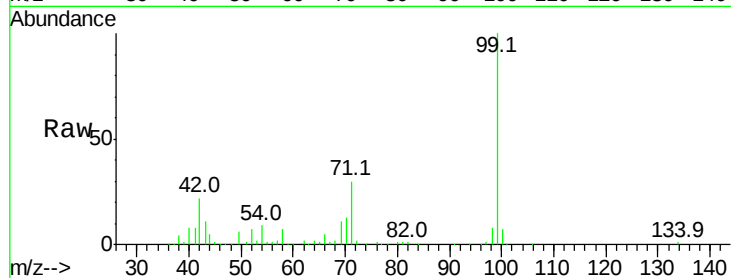
Tot Ion: 99 Resp: 244291

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

71 29.7 24.5 36.7



#11

bis(2-Chloroethyl)ether

Concen: 2.622 ng

RT: 6.20 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

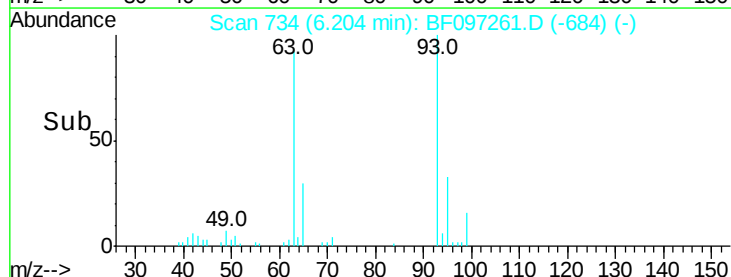
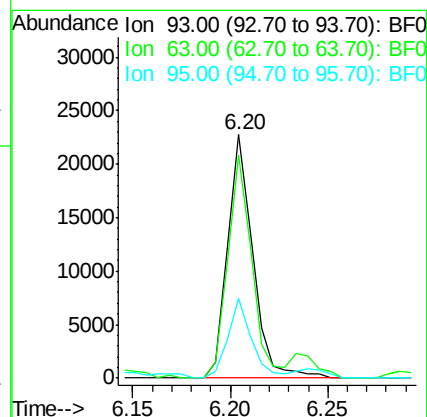
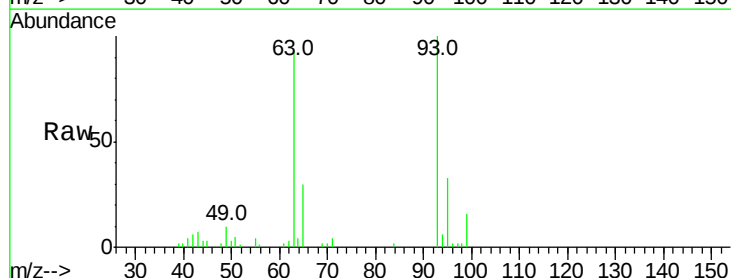
Tgt Ion: 93 Resp: 20480

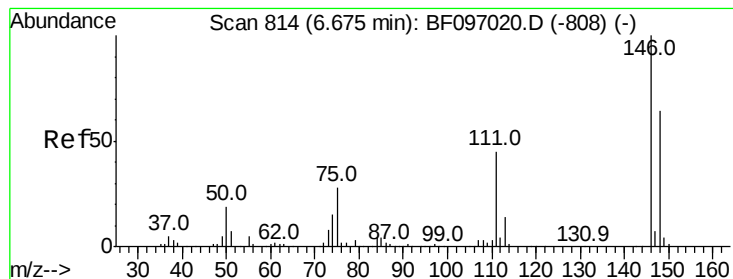
Ion Ratio Lower Upper

93 100

63 91.7 59.2 99.2

95 33.0 12.8 52.8





#14

1,2-Dichlorobenzene

Concen: 3.926 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

Instrument :

BNA_F

ClientSampleId :

E2-O8-BASE

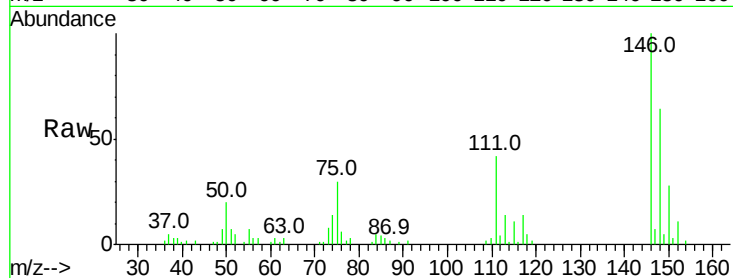
Tot Ion:146 Resp: 28544

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

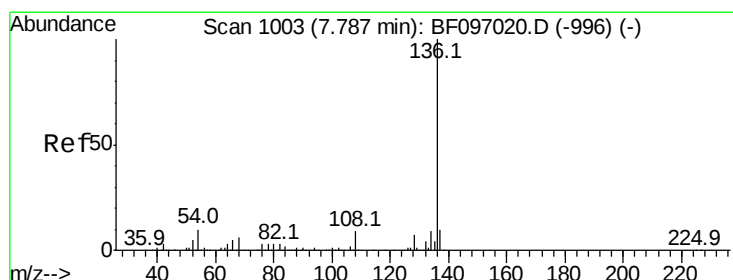
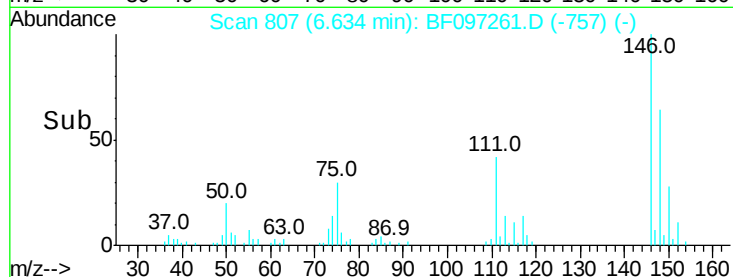
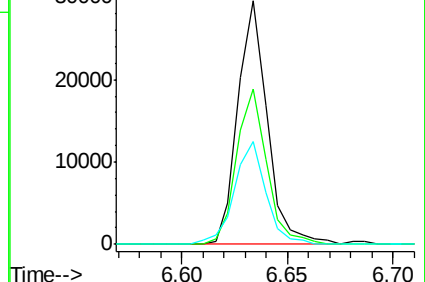
111 42.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

Tgt Ion:136 Resp: 475985

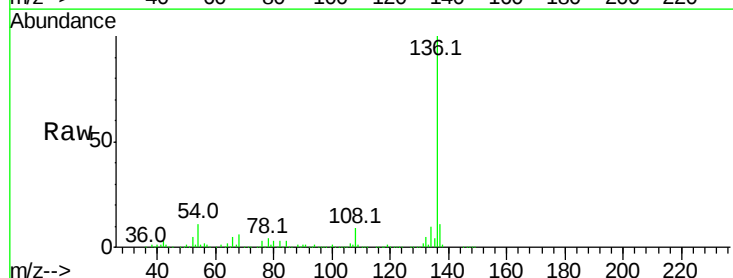
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.5 4.9 7.3#

68 6.4 4.1 6.1#

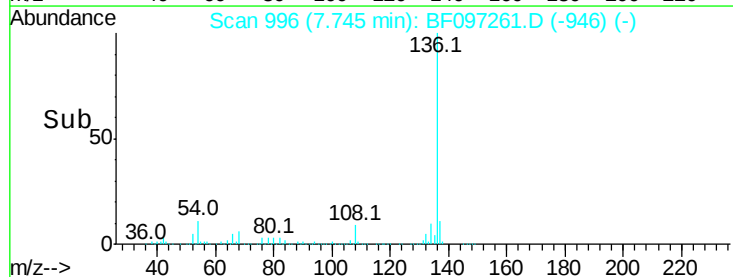
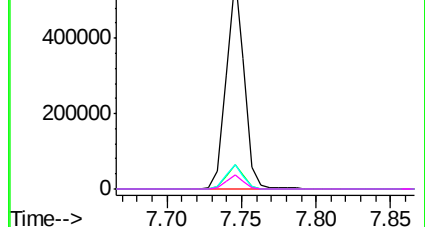


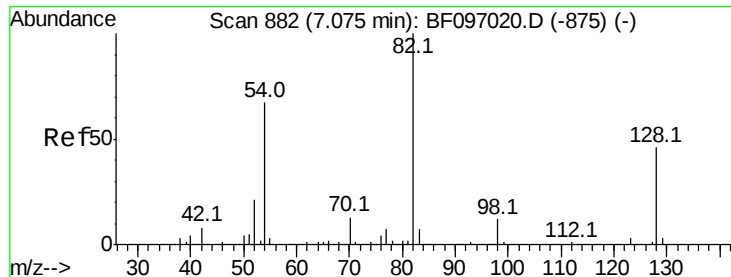
Abundance Ion 136.00 (135.70 to 136.70): E

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

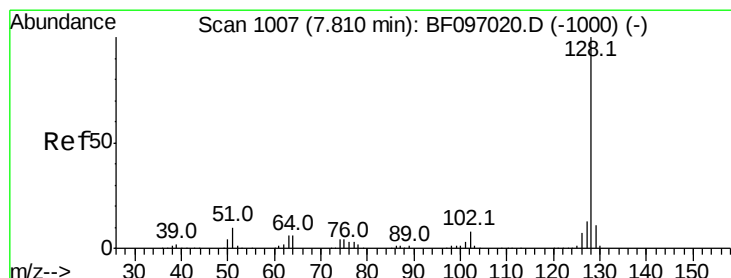
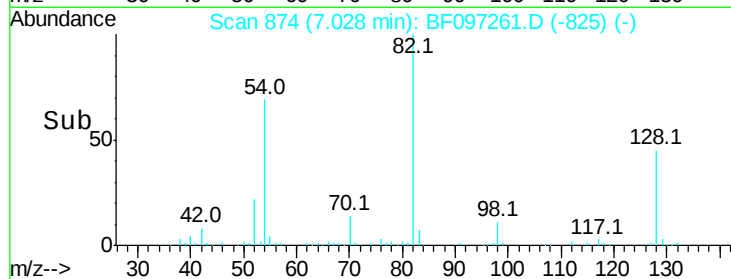
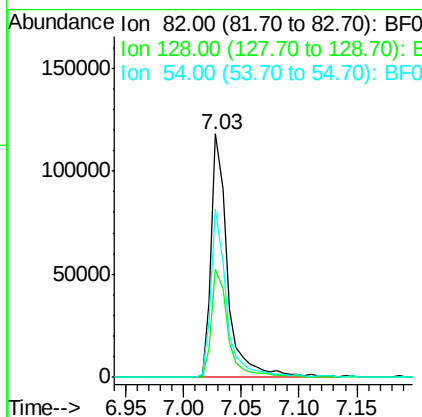
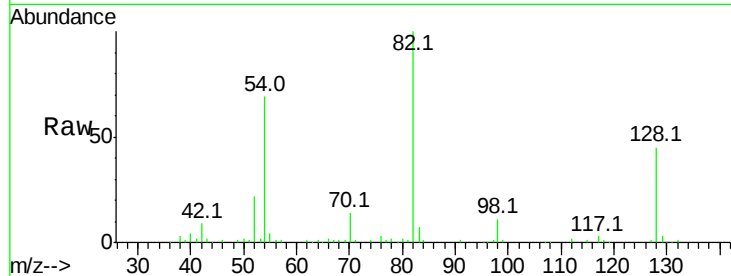




#23
 Nitrobenzene-d5
 Concen: 14.546 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

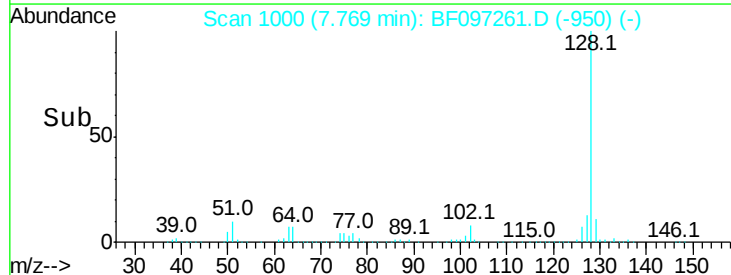
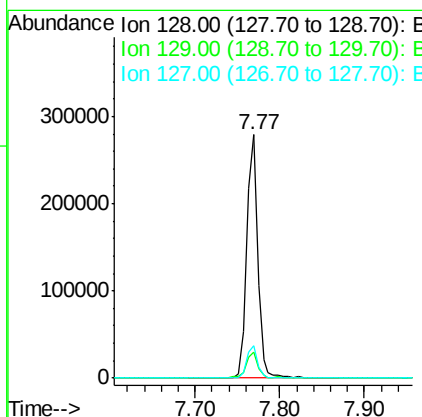
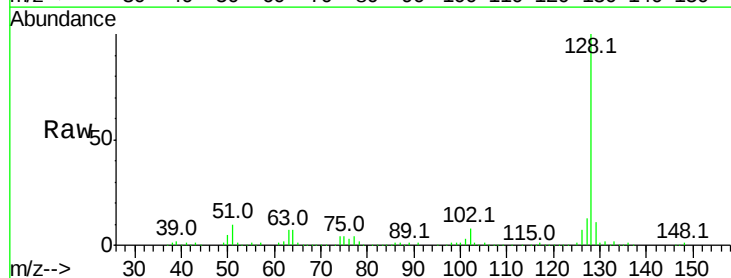
Instrument :
 BNA_F
 ClientSampleId :
 E2-O8-BASE

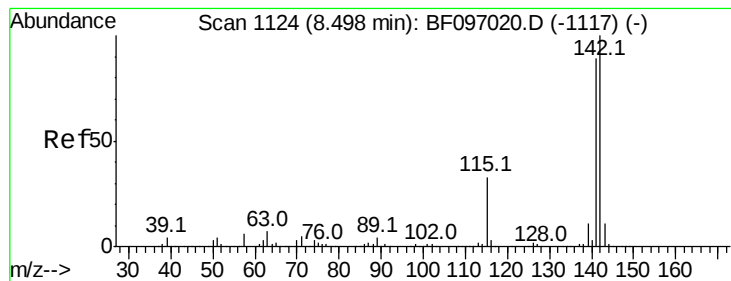
Tot Ion: 82 Resp: 118019
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 68.9 42.2 63.2#



#31
 Naphthalene
 Concen: 11.185 ng
 RT: 7.77 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

Tgt Ion:128 Resp: 250963
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.6
 127 13.3 10.8 16.2

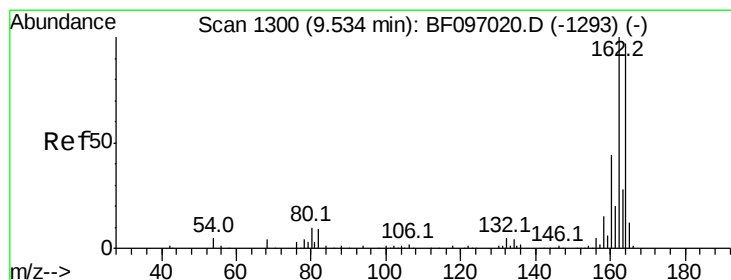
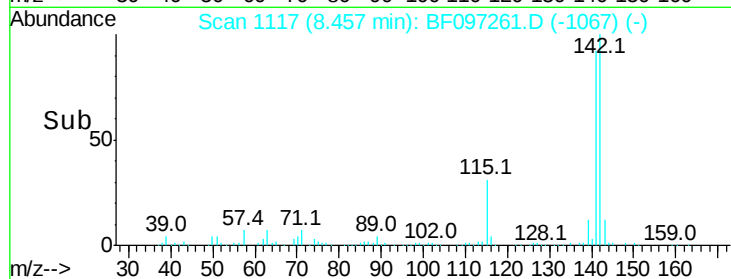
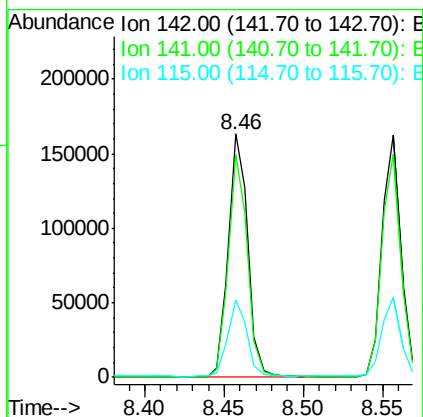
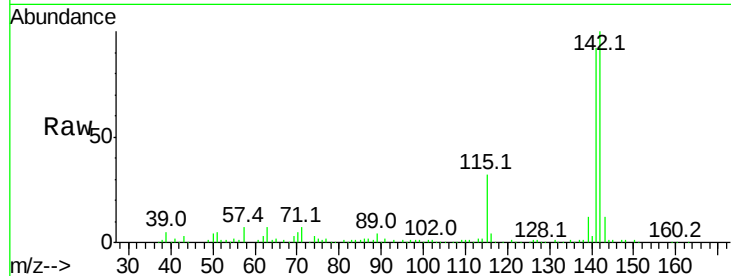




#37
 2-Methylnaphthalene
 Concen: 9.854 ng
 RT: 8.46 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

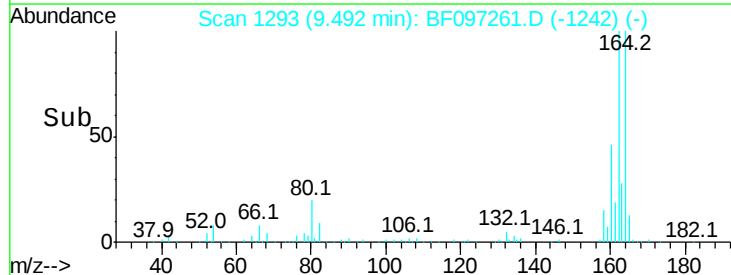
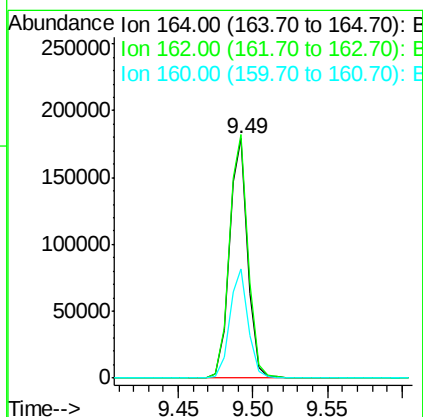
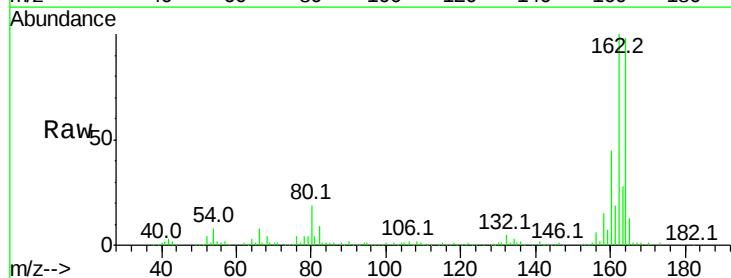
Instrument :
 BNA_F
 ClientSampleId :
 E2-O8-BASE

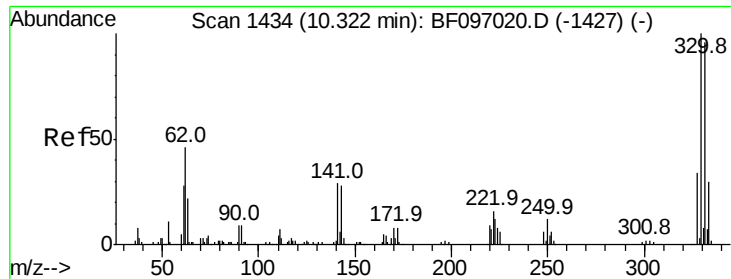
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.3	106.9
115	31.7	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	45.7	36.2	54.2

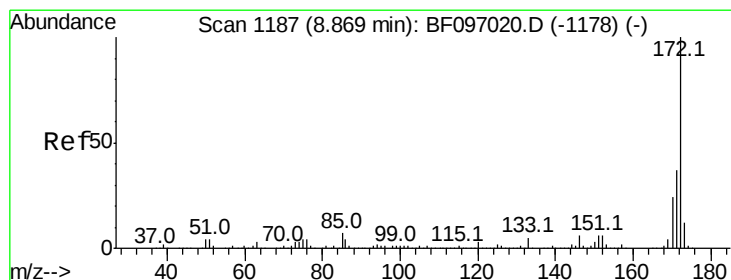
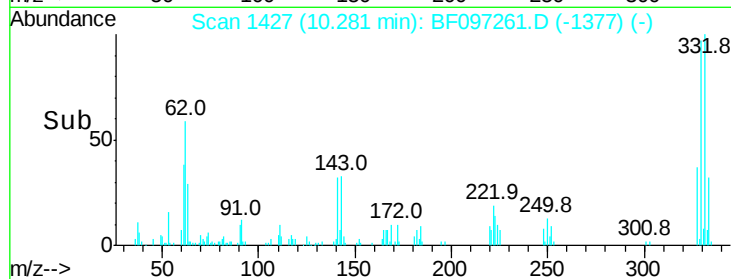
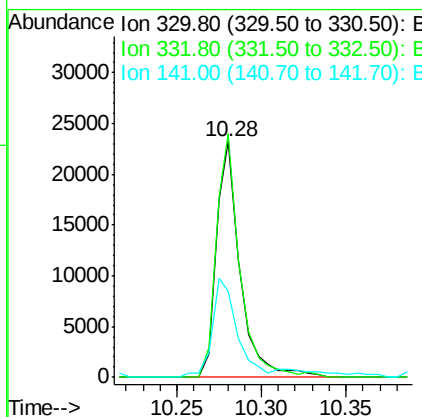
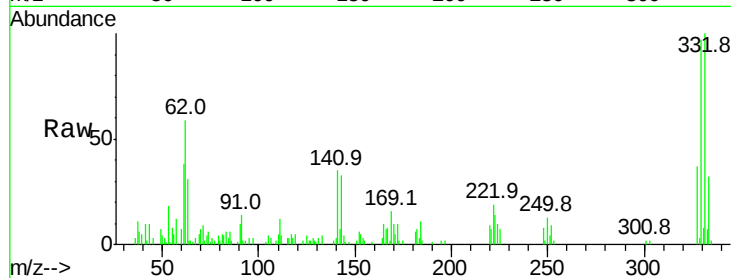




#41
 2,4,6-Tribromophenol
 Concen: 18.674 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

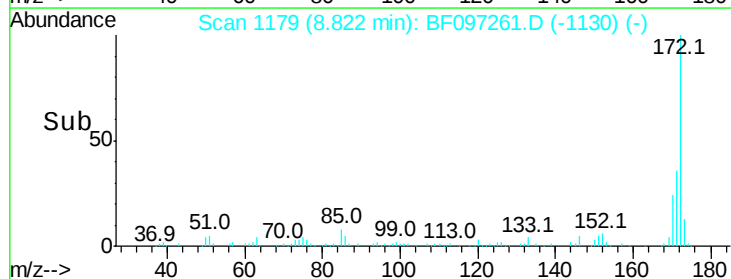
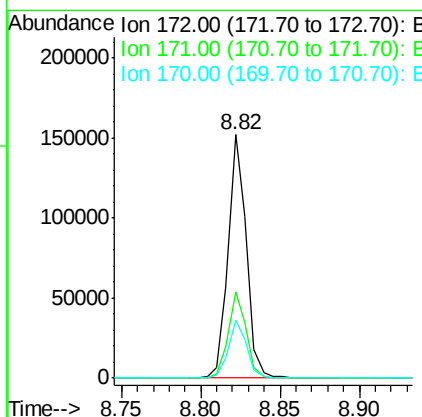
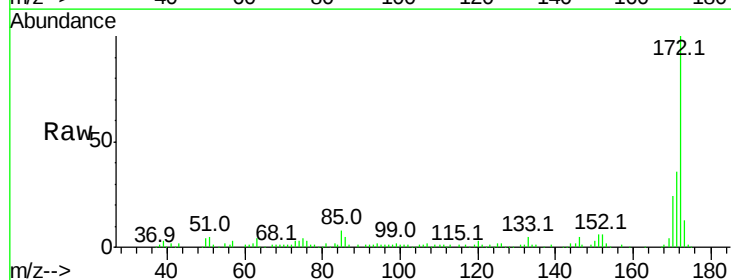
Instrument :
 BNA_F
 ClientSampleId :
 E2-O8-BASE

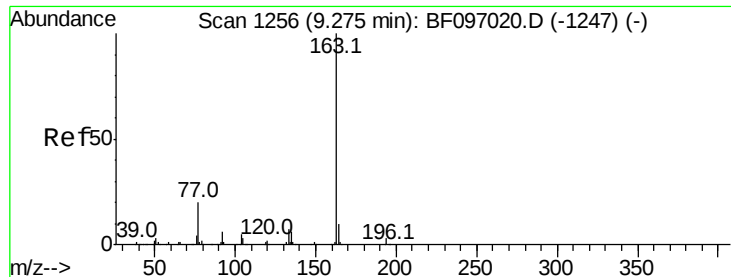
Tot Ion:330 Resp: 22926
 Ion Ratio Lower Upper
 330 100
 332 102.2 76.6 115.0
 141 44.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 13.164 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

Tgt Ion:172 Resp: 120530
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.0 19.8 29.8

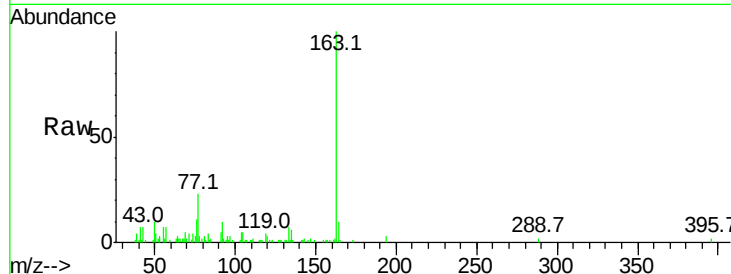




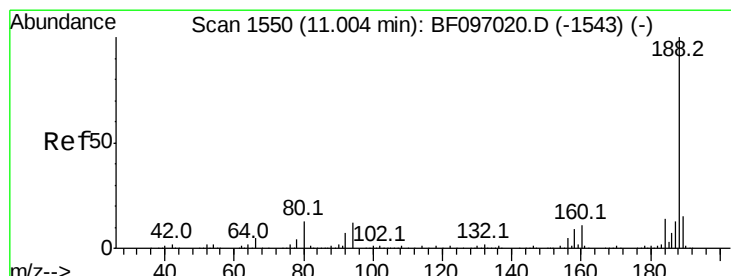
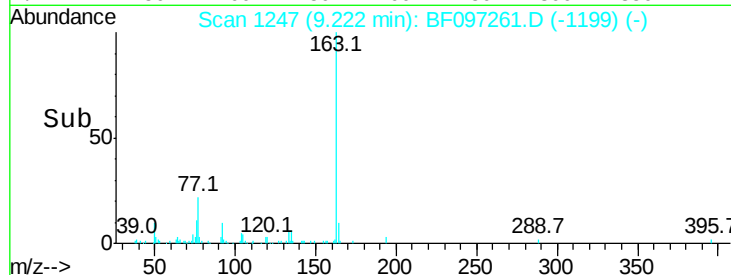
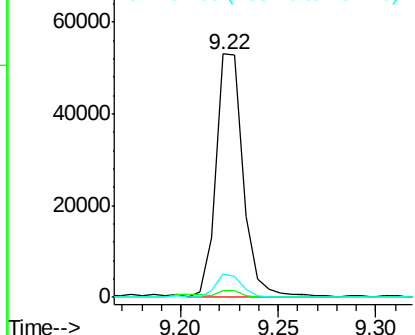
#49
Dimethylphthalate
Concen: 4.377 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097261.D
Acq: 2 Aug 2017 8:23

Instrument :
BNA_F
ClientSampleId :
E2-O8-BASE

Tot Ion:163 Resp: 51643
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.7 8.4 12.6

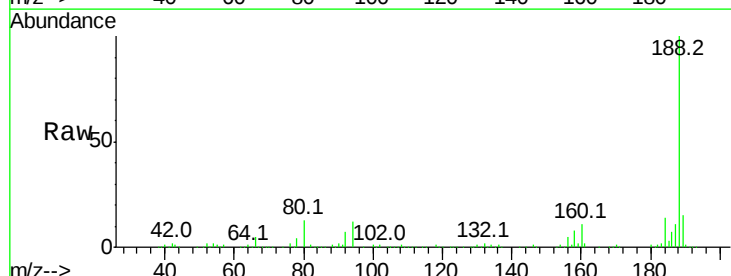


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

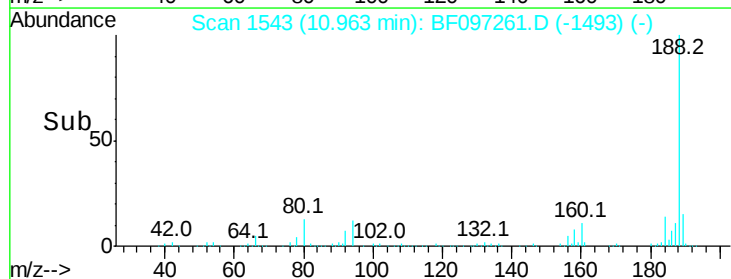
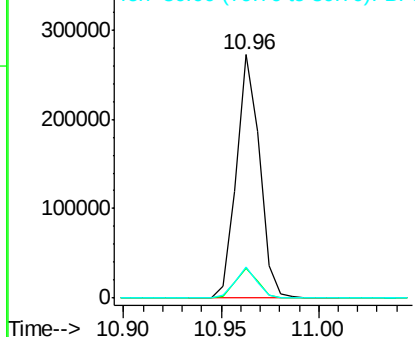


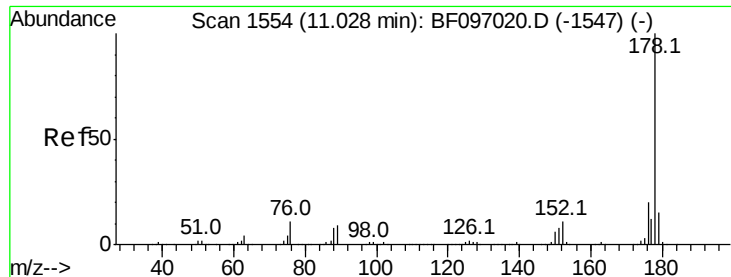
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097261.D
Acq: 2 Aug 2017 8:23

Tgt Ion:188 Resp: 225508
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.9 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

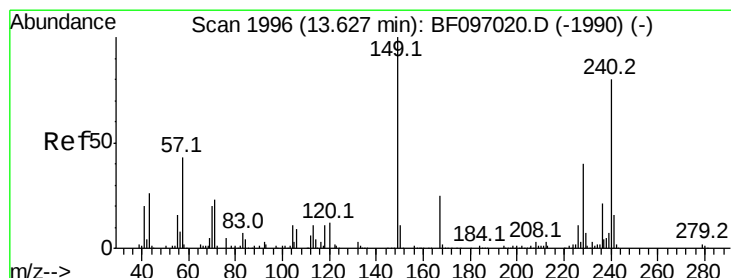
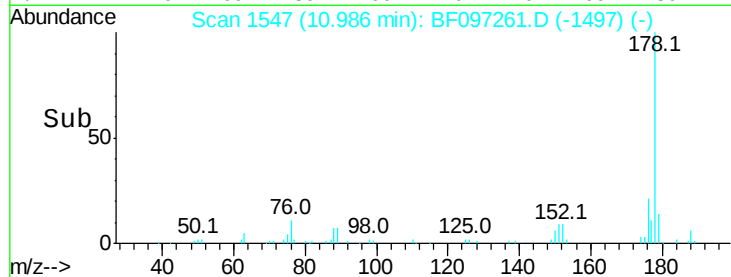
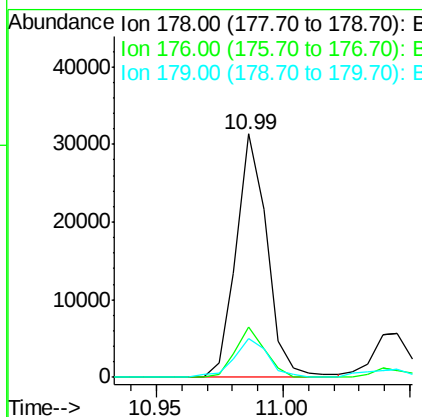
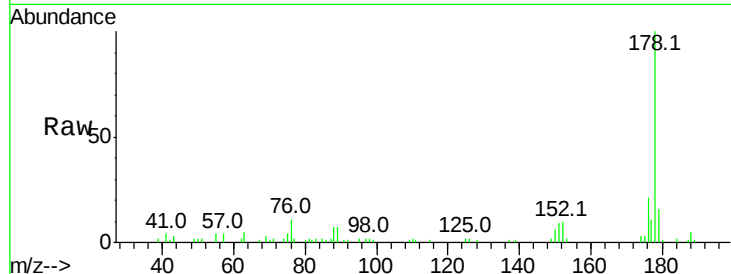




#70
 Phenanthrene
 Concen: 2.209 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

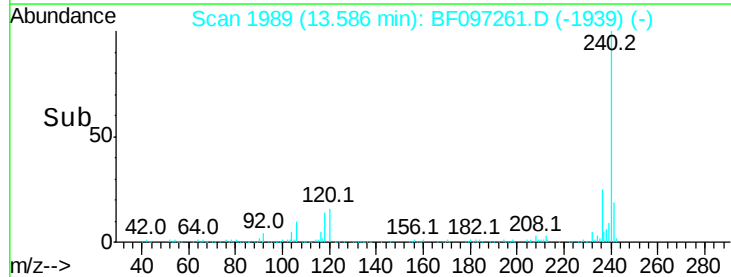
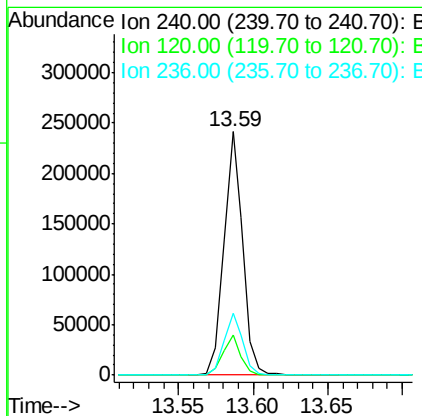
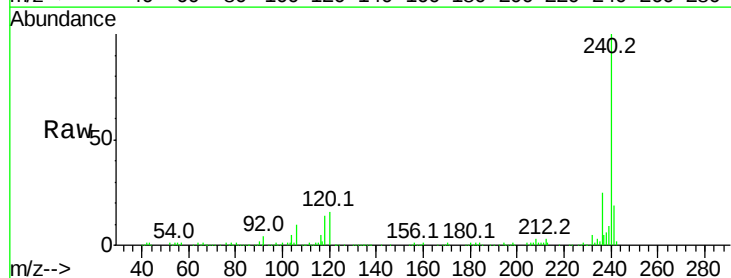
Instrument :
 BNA_F
 ClientSampleId :
 E2-O8-BASE

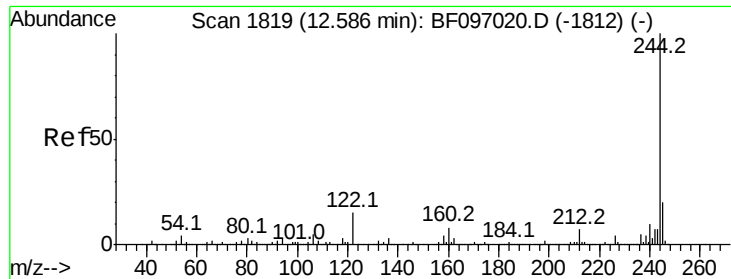
Tot Ion:178 Resp: 26689
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 16.0 12.6 19.0



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097261.D
 Acq: 2 Aug 2017 8:23

Tgt Ion:240 Resp: 214548
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 5.683 ng

RT: 12.55 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

Instrument :

BNA_F

ClientSampleId :

E2-O8-BASE

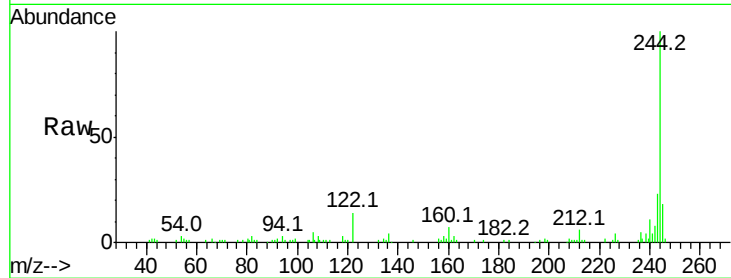
Tot Ion:244 Resp: 59801

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

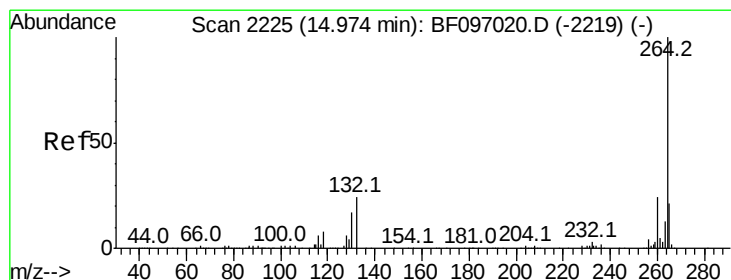
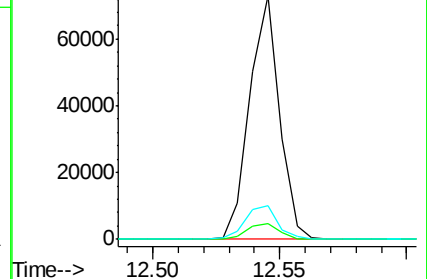
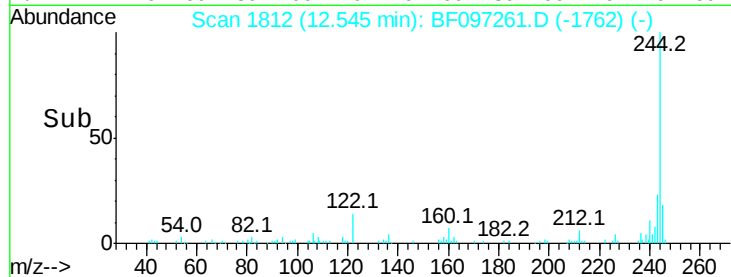
122 13.6 10.3 15.5



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: 14.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF097261.D

Acq: 2 Aug 2017 8:23

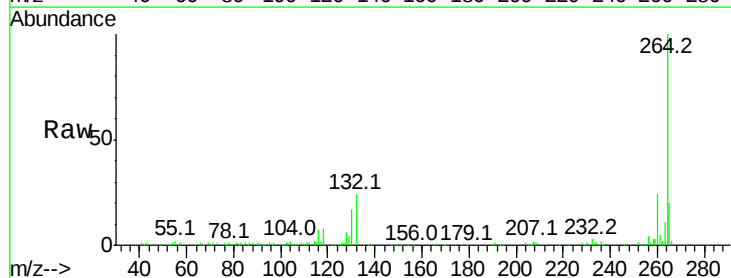
Tgt Ion:264 Resp: 149271

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 19.9 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

