

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097268.D
 Acq On : 2 Aug 2017 11:37
 Operator : SJ/JU
 Sample : I4527-07 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N8-NSW

Quant Time: Aug 02 13:29:44 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

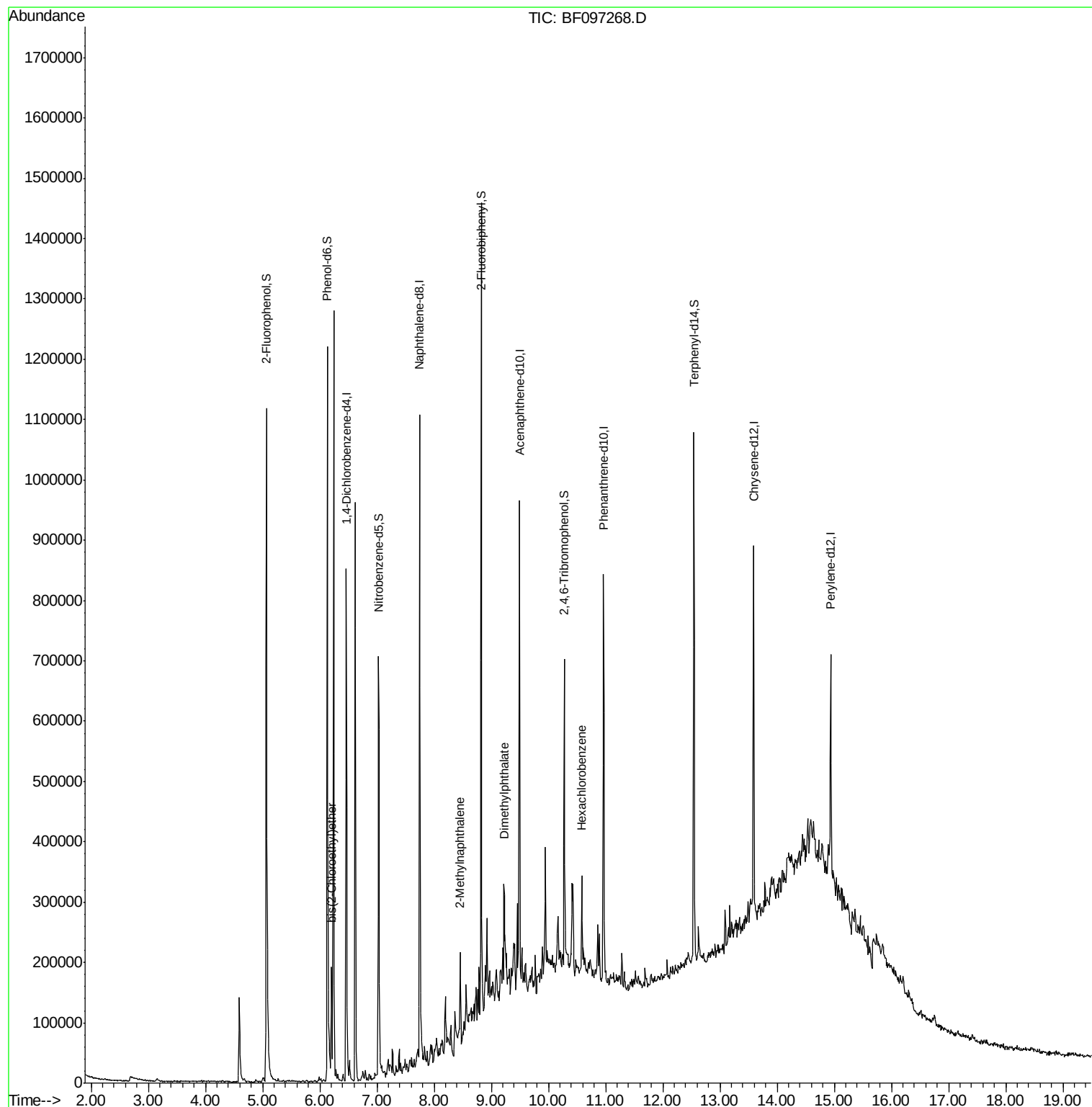
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	116720	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	428102	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	151297	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	226164	20.00	ng	0.00
75) Chrysene-d12	13.59	240	226927	20.00	ng	0.00
86) Perylene-d12	14.94	264	150175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	386860	49.96	ng	0.00
7) Phenol-d6	6.13	99	461721	52.24	ng	-0.02
23) Nitrobenzene-d5	7.03	82	214883	29.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	51895	43.41	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	379161	42.53	ng	-0.01
78) Terphenyl-d14	12.54	244	251610	22.61	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.20	93	51026	6.153	ng	Qvalue 92
37) 2-Methylnaphthalene	8.46	142	36055	2.822	ng	100
49) Dimethylphthalate	9.22	163	71216	6.198	ng	99
67) Hexachlorobenzene	10.59	284	18797	7.427	ng	# 81

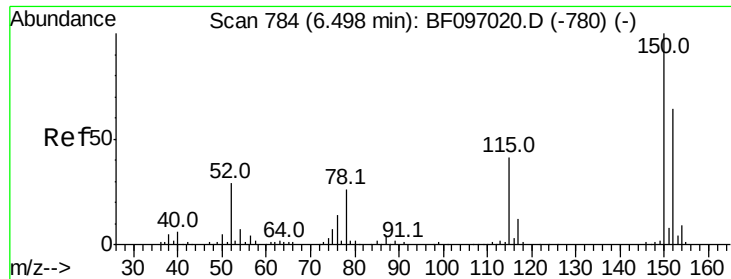
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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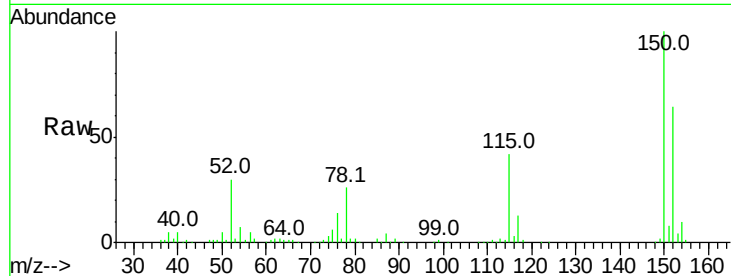


#1

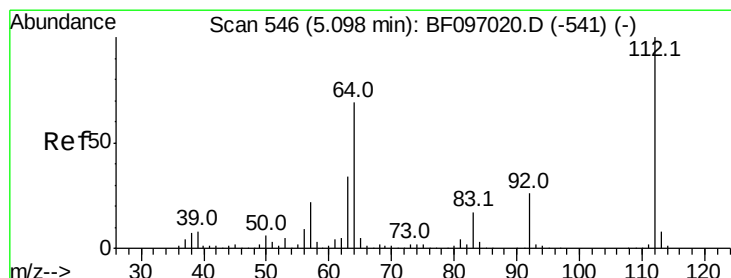
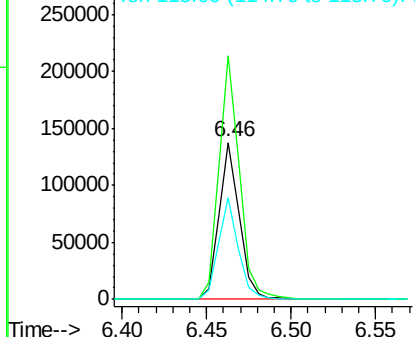
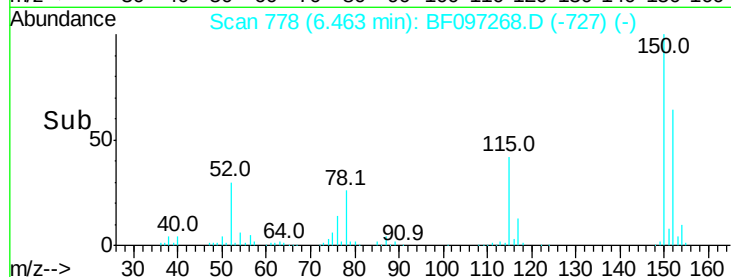
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-N8-NSW

Tot Ion:152 Resp: 116720
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 64.6 52.2 78.2



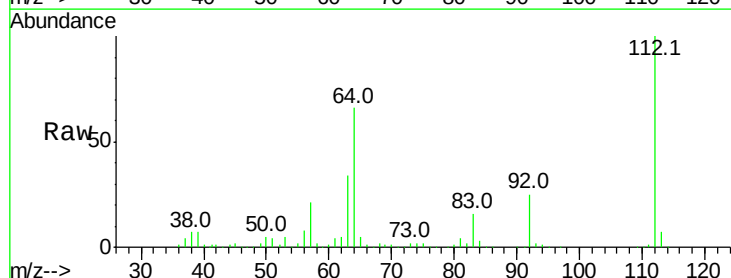
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



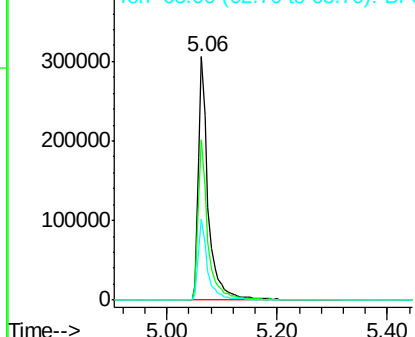
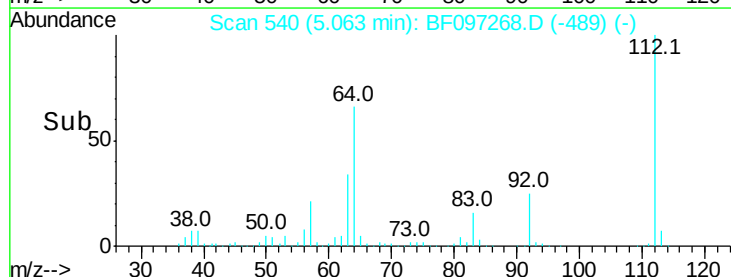
#5

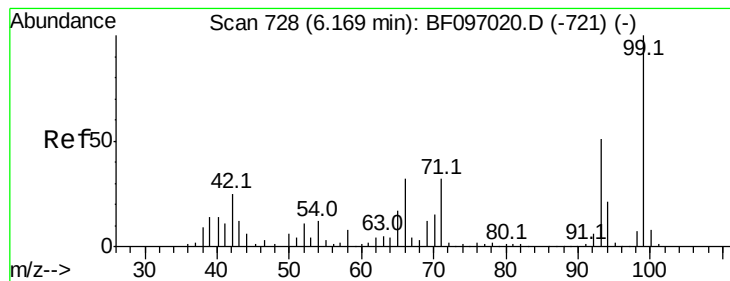
2-Fluorophenol
 Concen: 49.965 ng
 RT: 5.06 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Tgt Ion:112 Resp: 386860
 Ion Ratio Lower Upper
 112 100
 64 65.8 46.0 69.0
 63 33.5 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: 52.236 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

E2-N8-NSW

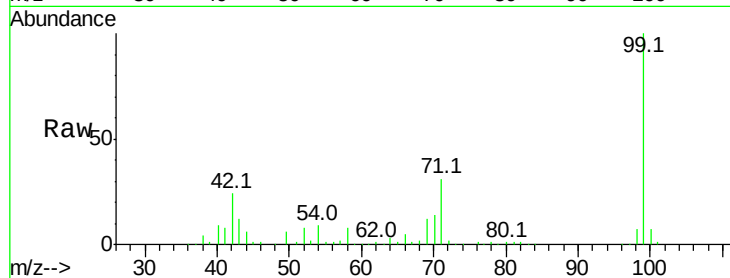
Tot Ion: 99 Resp: 461721

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

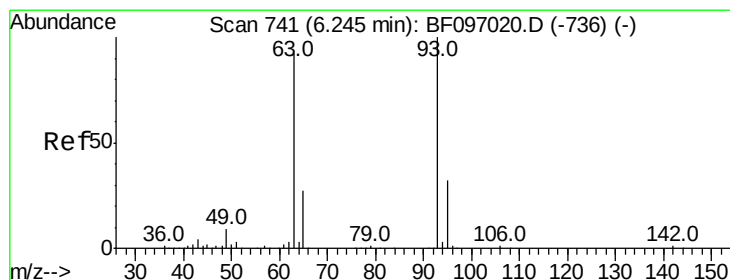
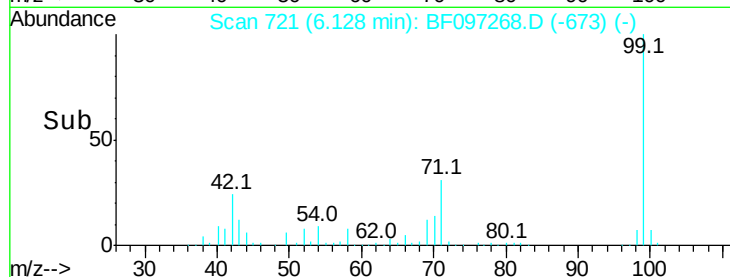
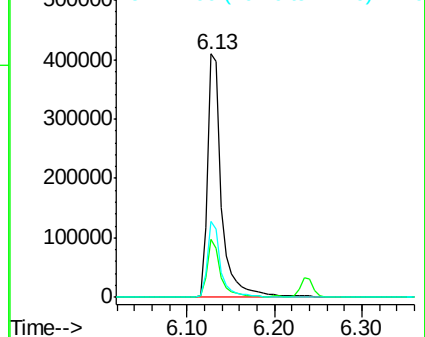
71 31.2 24.5 36.7



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



#11

bis(2-Chloroethyl)ether

Concen: 6.153 ng

RT: 6.20 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

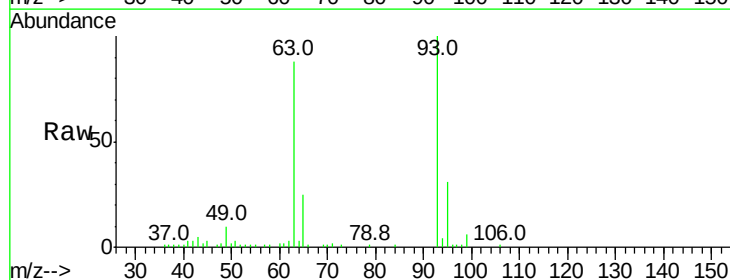
Tgt Ion: 93 Resp: 51026

Ion Ratio Lower Upper

93 100

63 87.5 59.2 99.2

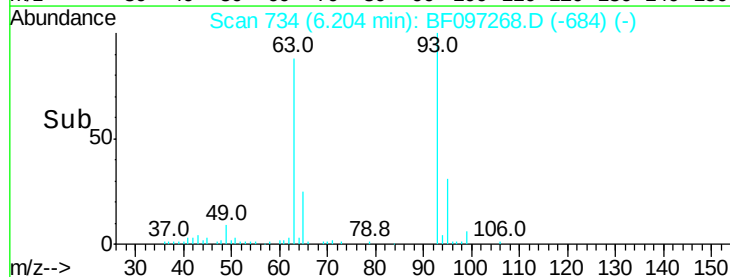
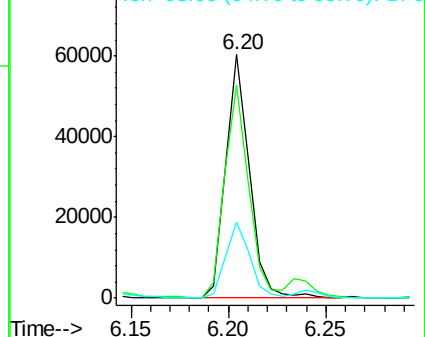
95 31.1 12.8 52.8

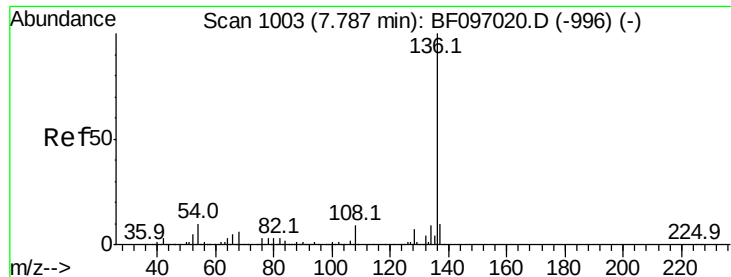


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

E2-N8-NSW

Tot Ion:136 Resp: 428102

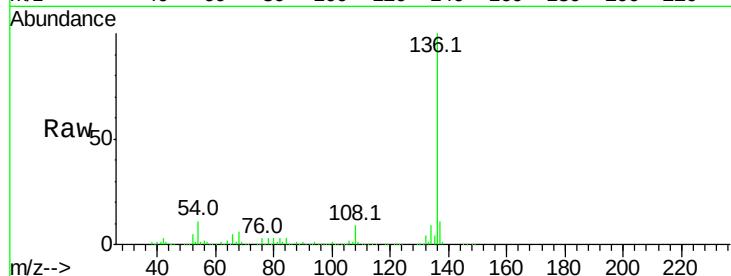
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.8 4.9 7.3#

68 5.9 4.1 6.1

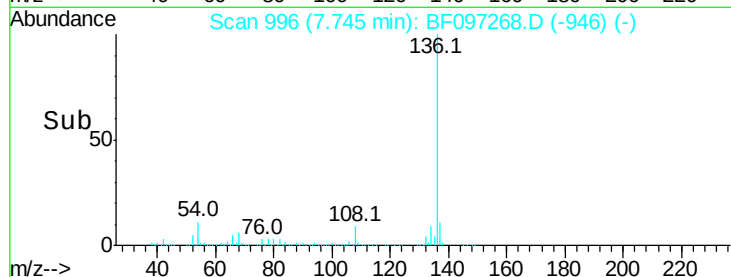


Abundance Ion 136.00 (135.70 to 136.70): E

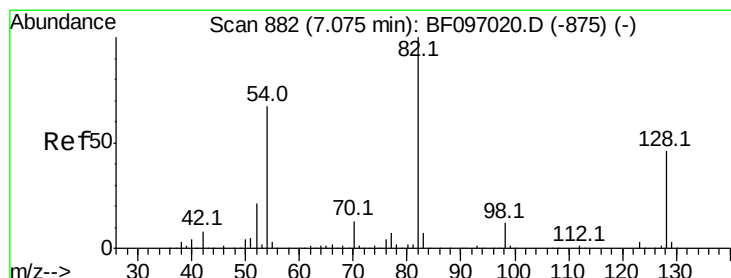
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 29.446 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

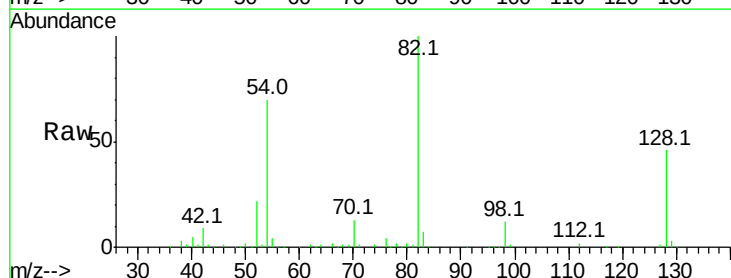
Tgt Ion: 82 Resp: 214883

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

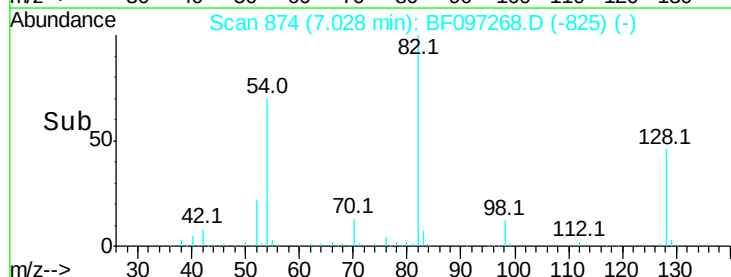
54 70.4 42.2 63.2#



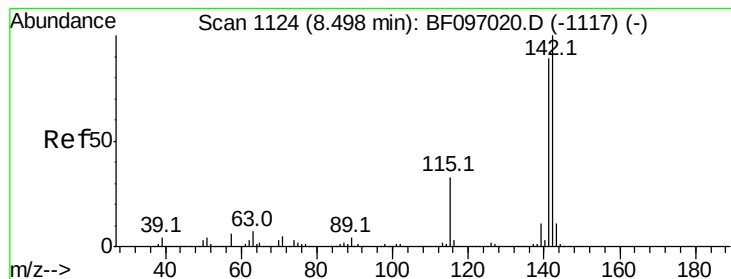
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



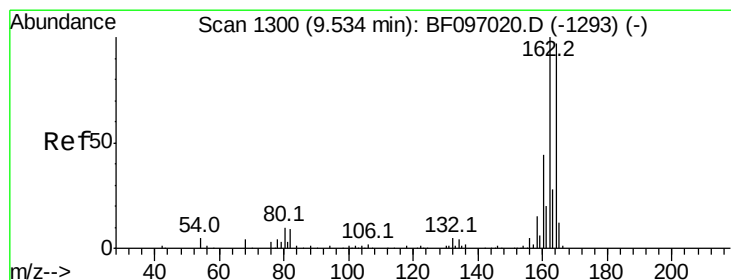
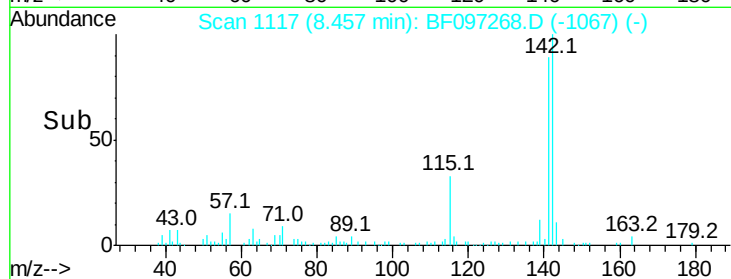
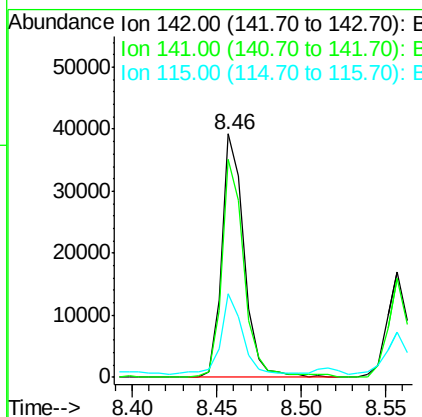
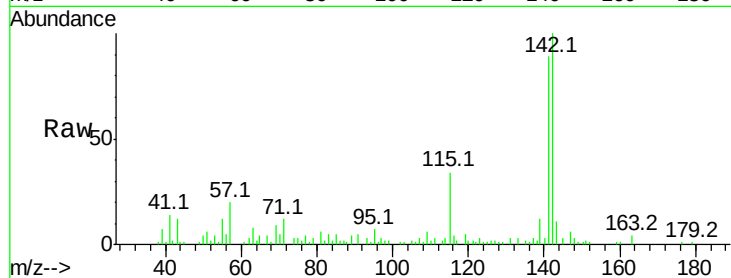
Time-->



#37
 2-Methylnaphthalene
 Concen: 2.822 ng
 RT: 8.46 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

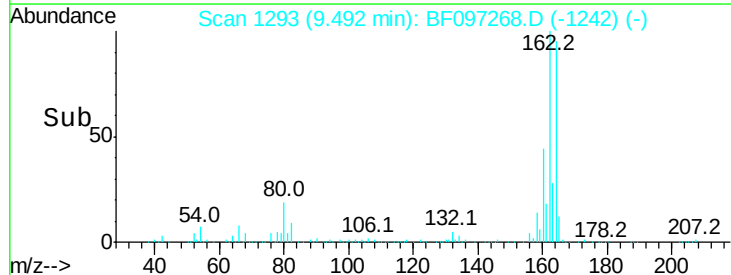
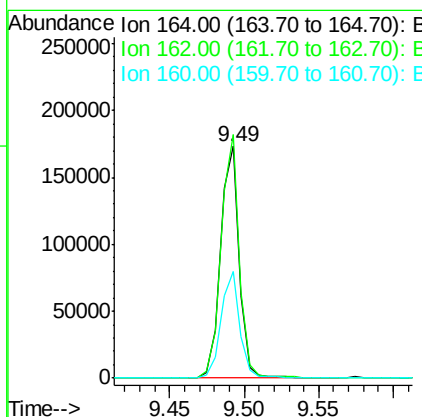
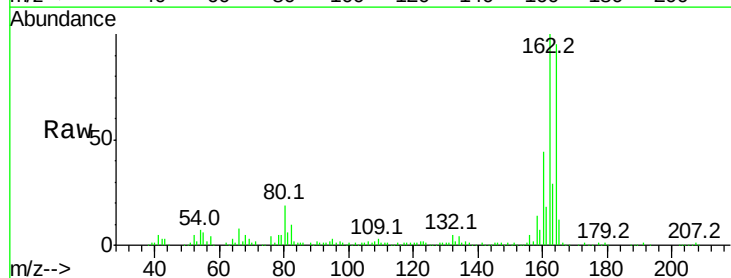
Instrument :
 BNA_F
 ClientSampled :
 E2-N8-NSW

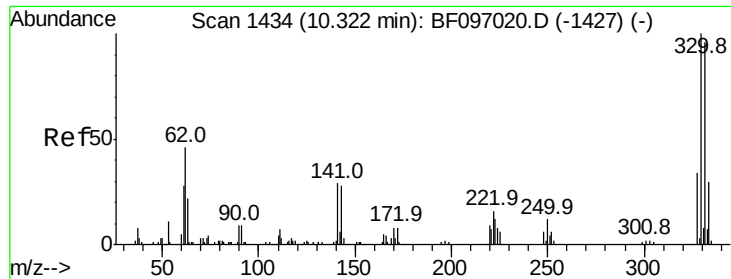
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	34.2	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.2	36.2	54.2

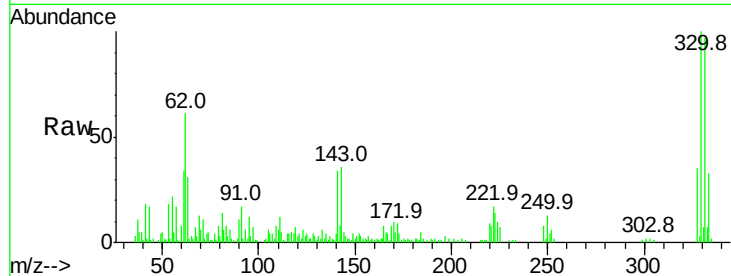




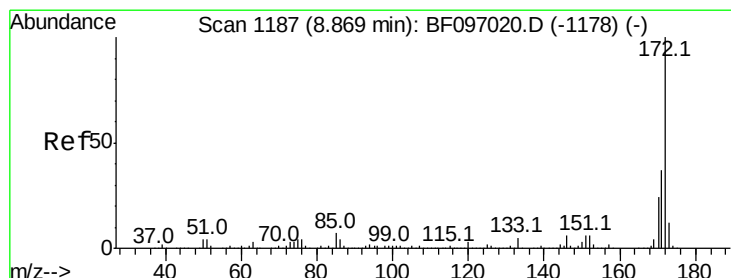
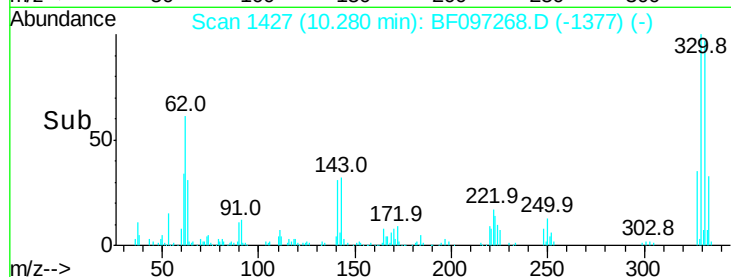
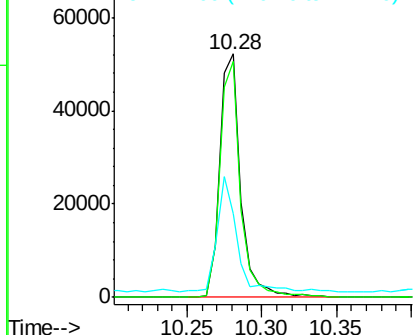
#41
 2,4,6-Tribromophenol
 Concen: 43.413 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-N8-NSW

Tot Ion:330 Resp: 51895
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 43.2 31.4 47.2

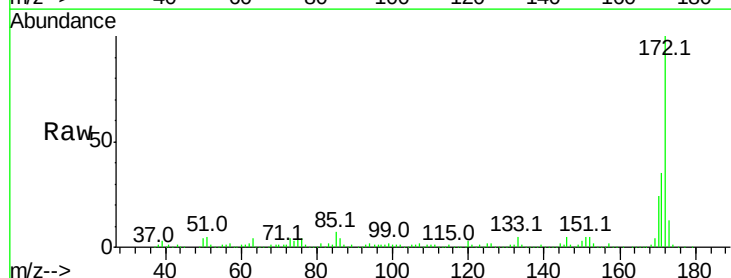


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

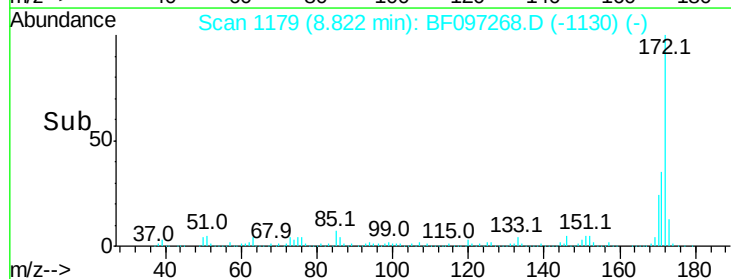
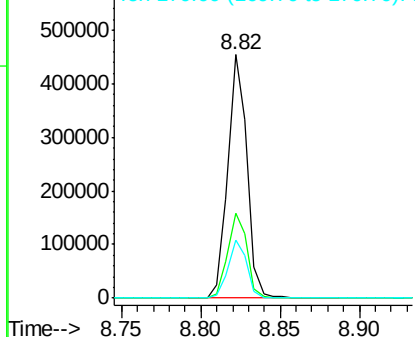


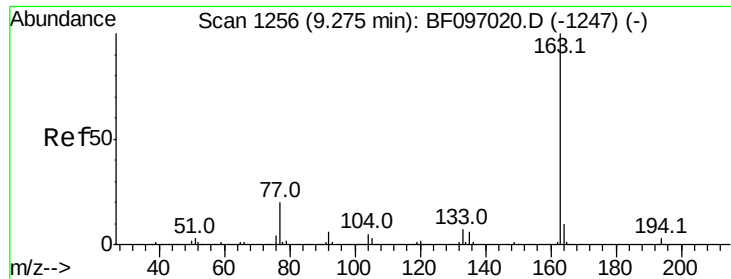
#44
 2-Fluorobiphenyl
 Concen: 42.530 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097268.D
 Acq: 2 Aug 2017 11:37

Tgt Ion:172 Resp: 379161
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

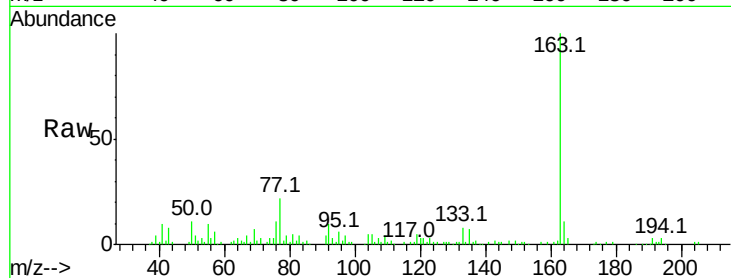




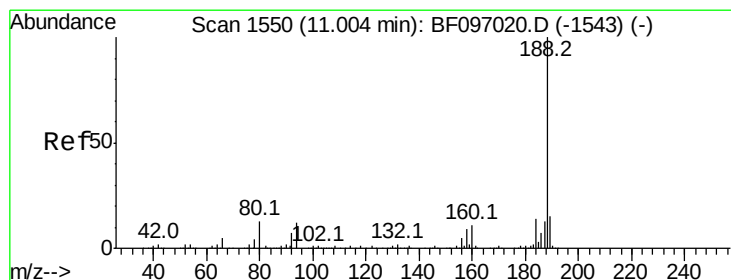
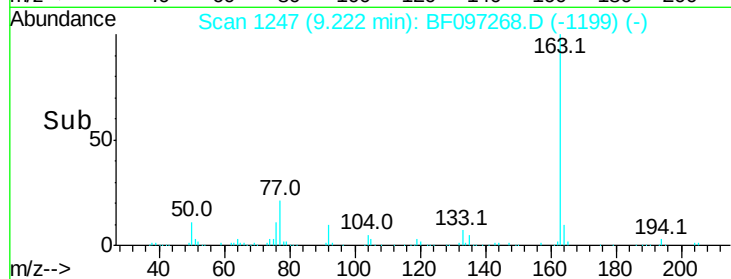
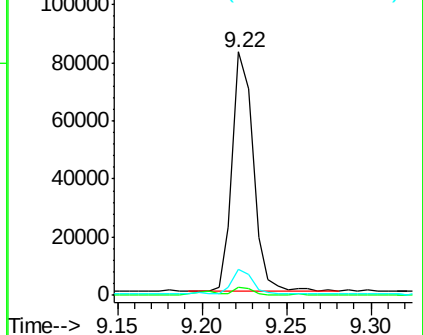
#49
Dimethylphthalate
Concen: 6.198 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

Tot Ion:163 Resp: 71216
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.9 8.4 12.6

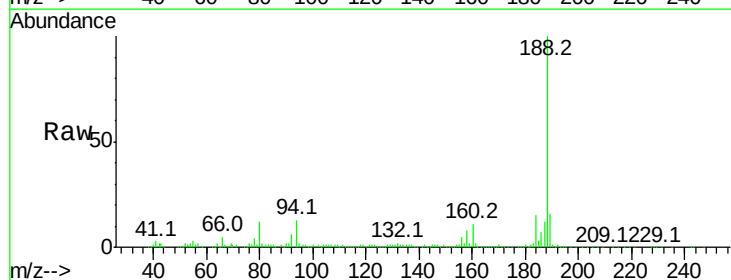


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

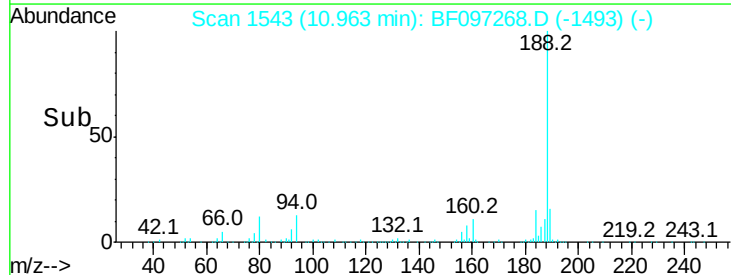
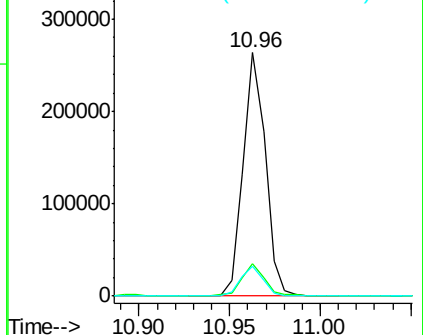


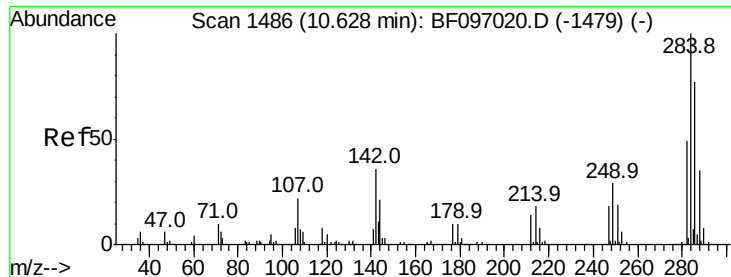
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:188 Resp: 226164
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 12.4 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

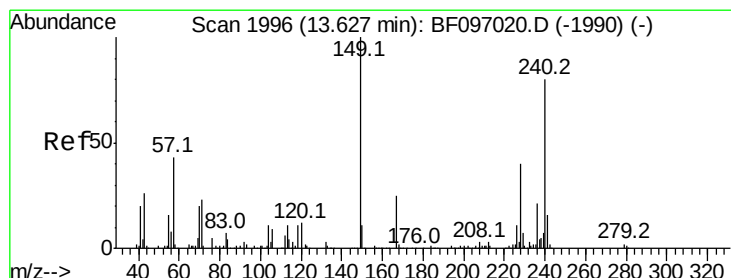
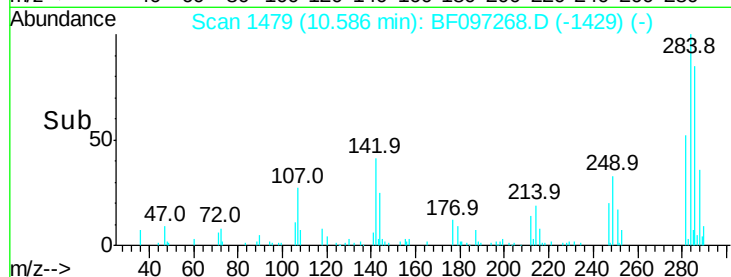
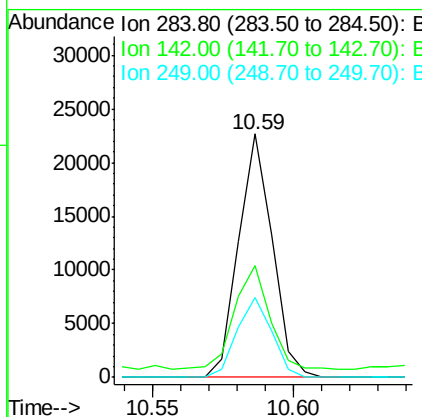
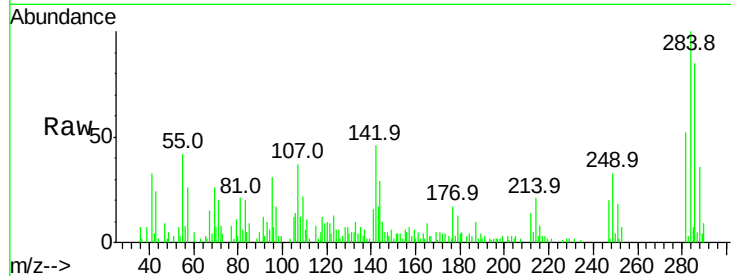




#67
Hexachlorobenzene
Concen: 7.427 ng
RT: 10.59 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

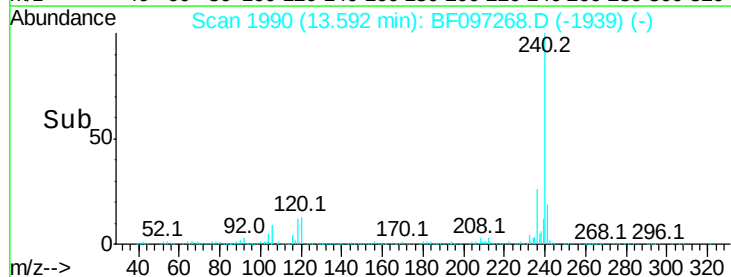
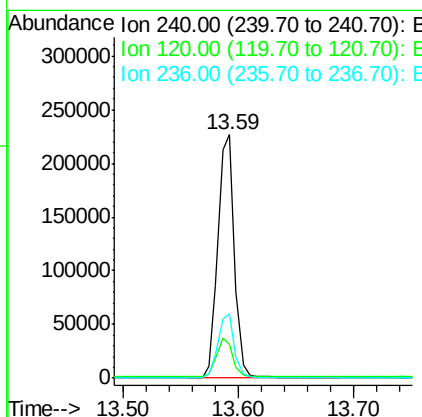
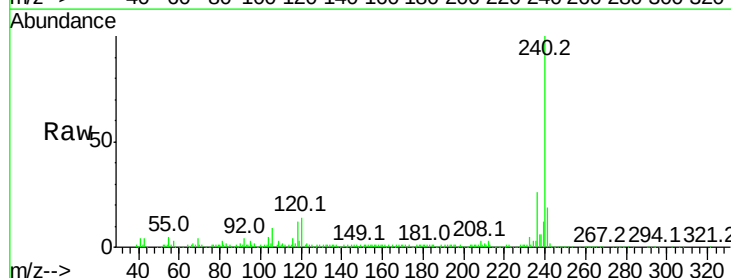
Instrument :
BNA_F
ClientSampleId :
E2-N8-NSW

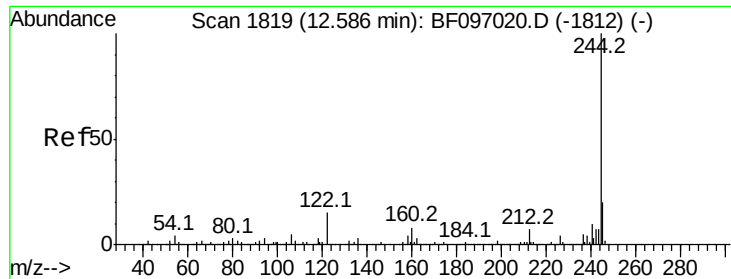
Tot Ion:284 Resp: 18797
Ion Ratio Lower Upper
284 100
142 46.0 22.8 34.2#
249 32.8 24.0 36.0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF097268.D
Acq: 2 Aug 2017 11:37

Tgt Ion:240 Resp: 226927
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 22.606 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

Instrument :

BNA_F

ClientSampleId :

E2-N8-NSW

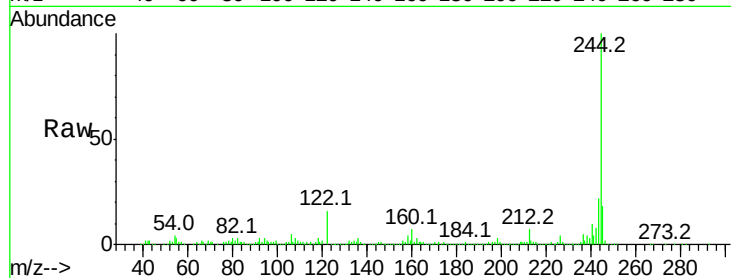
Tot Ion:244 Resp: 251610

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

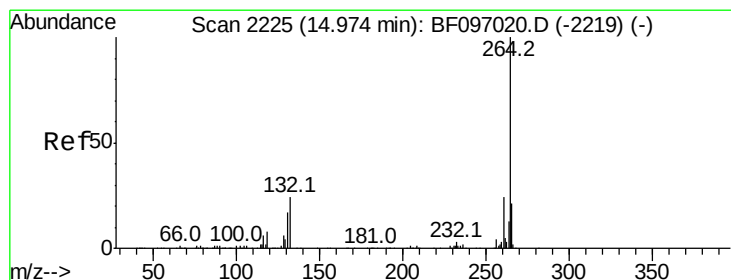
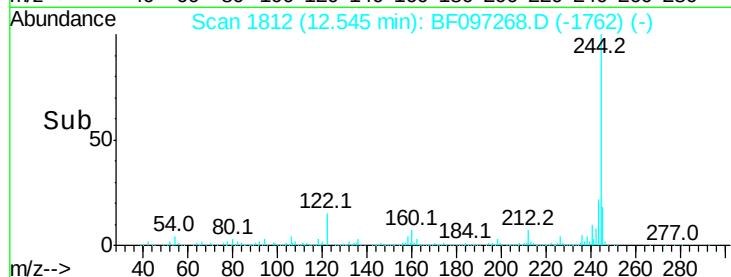
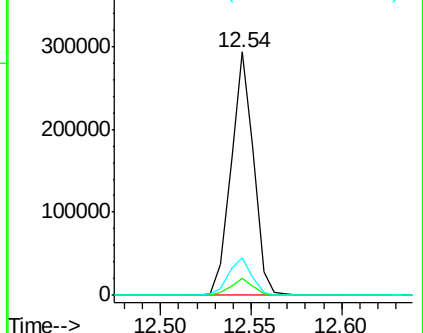
122 15.6 10.3 15.5#



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: 14.94 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF097268.D

Acq: 2 Aug 2017 11:37

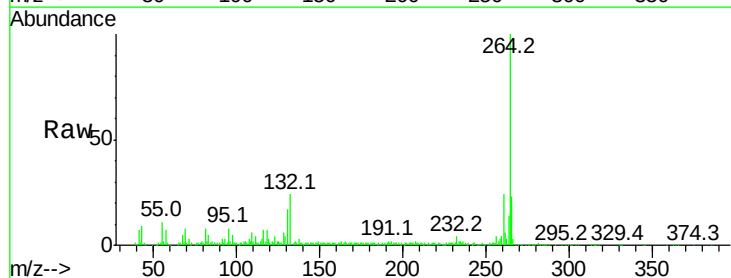
Tgt Ion:264 Resp: 150175

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.6 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

