

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097152.D
 Acq On : 28 Jul 2017 14:10
 Operator : SJ/JU
 Sample : I4397-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2C-14.5-15.0-072117

Quant Time: Jul 28 14:35:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

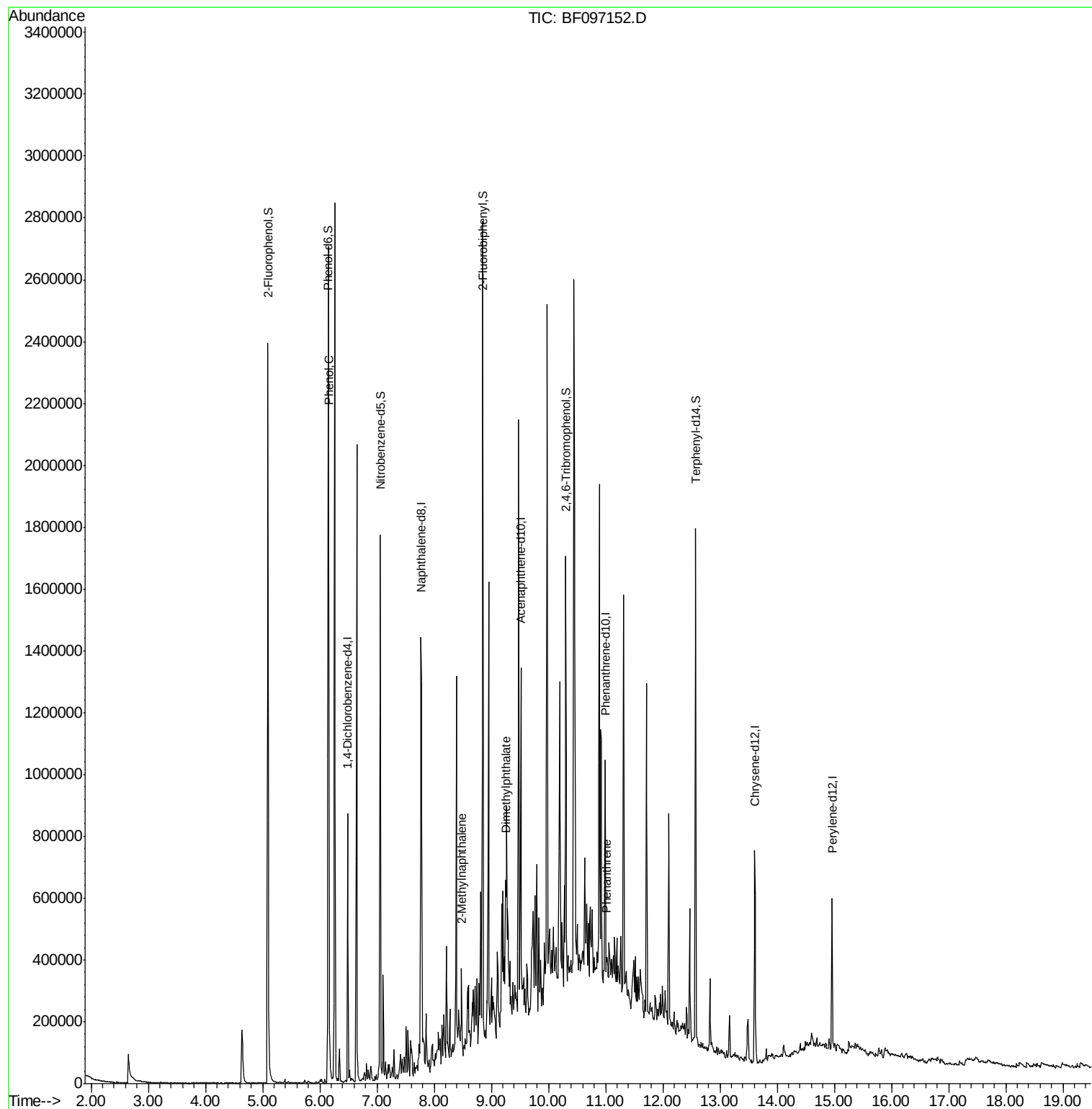
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	119281	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	484334	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	185223	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	267439	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	218406	20.00	ng	-0.02
86) Perylene-d12	14.96	264	188660	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	774613	97.90	ng	0.00
7) Phenol-d6	6.15	99	1012792	112.12	ng	-0.02
23) Nitrobenzene-d5	7.06	82	517767	62.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	143413	98.00	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	846522	77.56	ng	-0.02
78) Terphenyl-d14	12.57	244	499739	46.65	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	38566	3.599	ng	99
37) 2-Methylnaphthalene	8.48	142	52572	3.637	ng	95
49) Dimethylphthalate	9.25	163	123777	8.800	ng	100
70) Phenanthrene	11.02	178	37924	2.647	ng	# 96

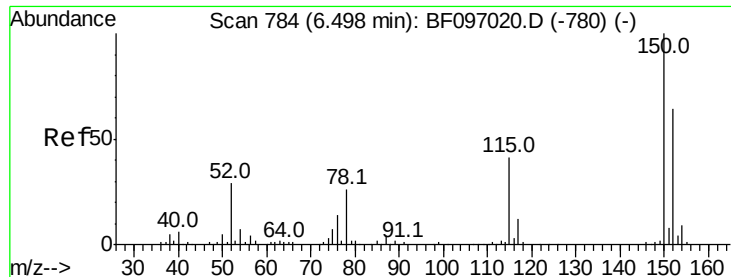
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097152.D
Acq On : 28 Jul 2017 14:10
Operator : SJ/JU
Sample : I4397-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-2C-14.5-15.0-072117

Quant Time: Jul 28 14:35:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



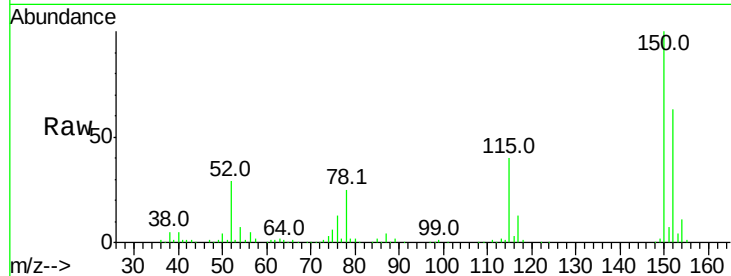


#1

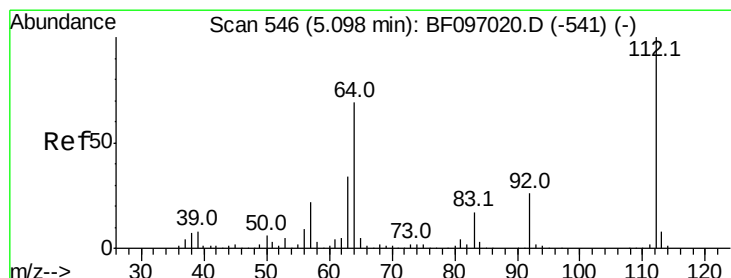
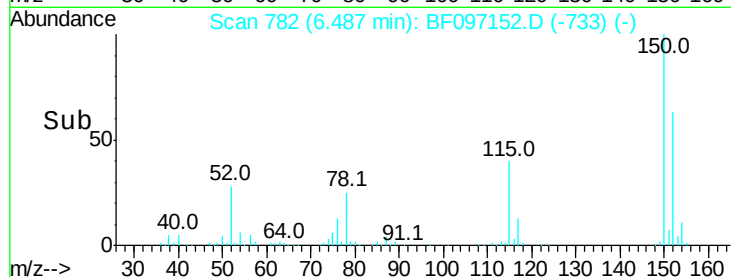
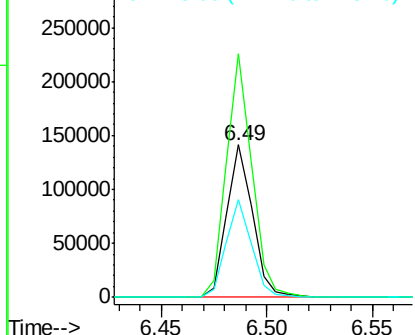
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097152.D
Acq: 28 Jul 2017 14:10

Instrument :
BNA_F
ClientSampleId :
T-2C-14.5-15.0-072117

Tot Ion:152 Resp: 119281
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 64.4 52.2 78.2



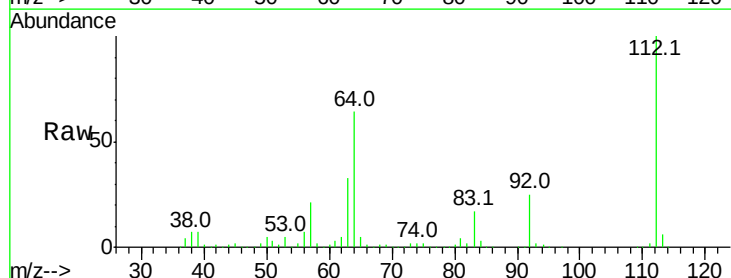
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



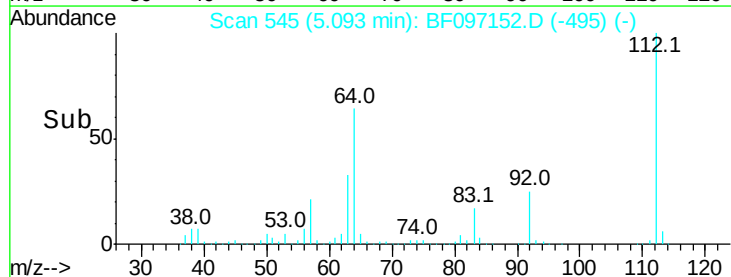
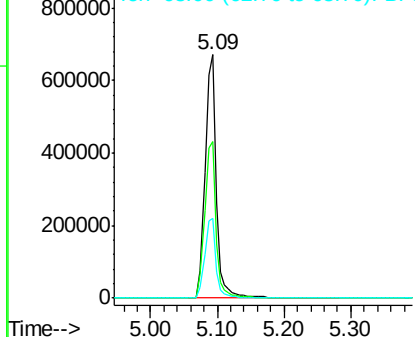
#5

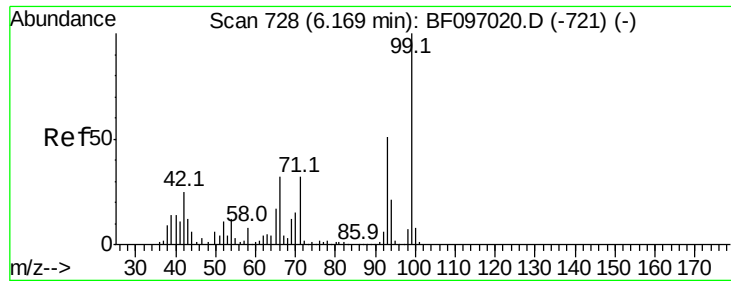
2-Fluorophenol
Concen: 97.897 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097152.D
Acq: 28 Jul 2017 14:10

Tgt Ion:112 Resp: 774613
Ion Ratio Lower Upper
112 100
64 64.2 46.0 69.0
63 32.9 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: 112.120 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

Instrument :

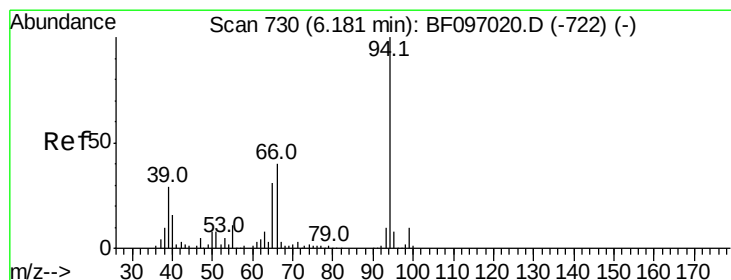
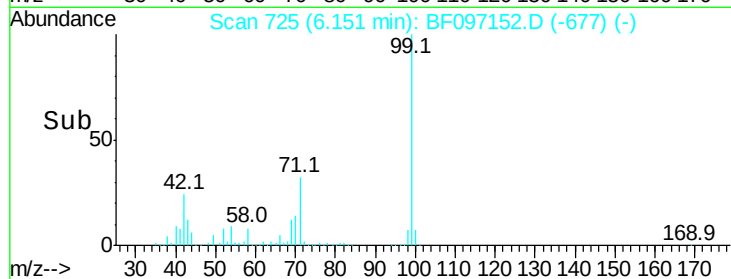
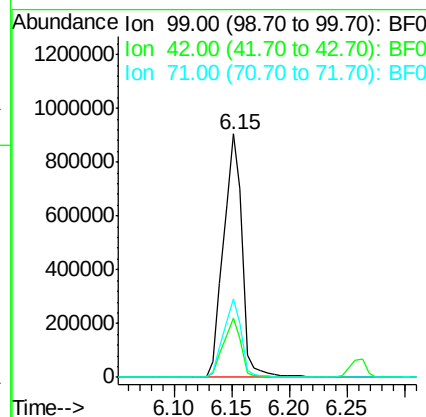
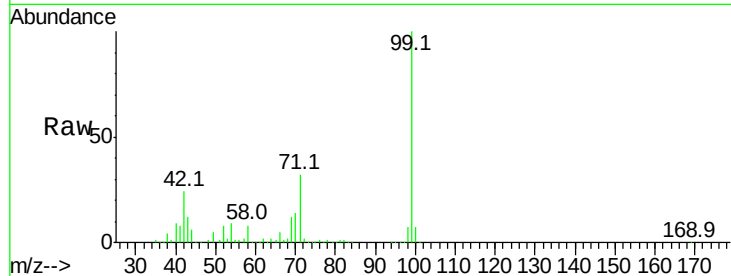
BNA_F

ClientSampleId :

T-2C-14.5-15.0-072117

Tot Ion: 99 Resp: 1012792

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.5	20.3#
71	32.3	24.5	36.7



#10

Phenol

Concen: 3.599 ng

RT: 6.16 min Scan# 727

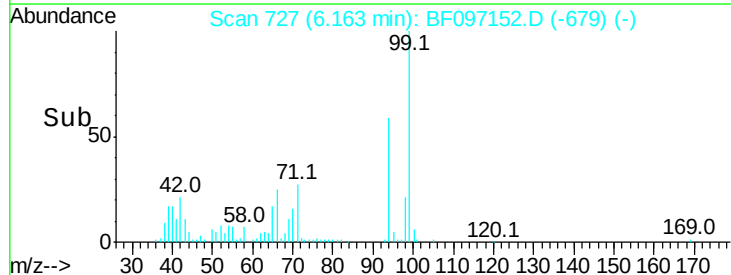
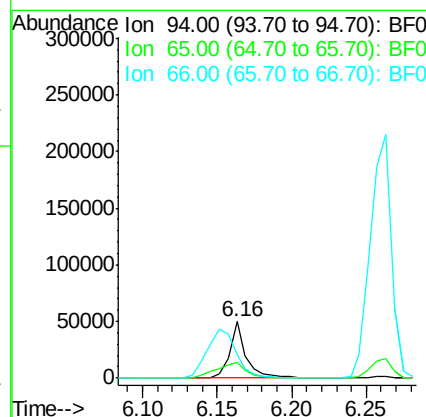
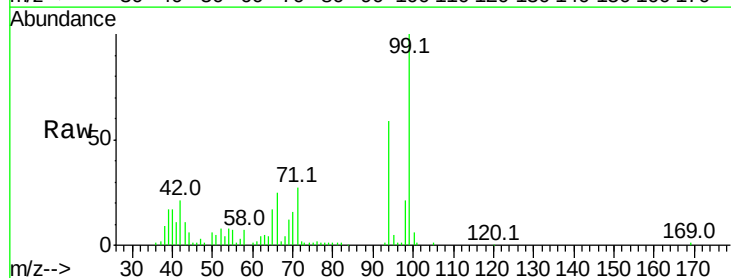
Delta R.T. -0.02 min

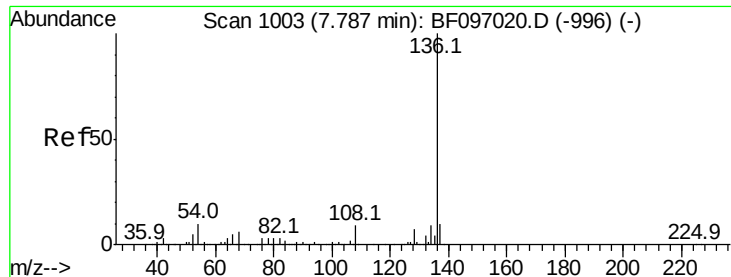
Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

Tgt Ion: 94 Resp: 38566

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.9	49.9
66	42.4	23.1	63.1

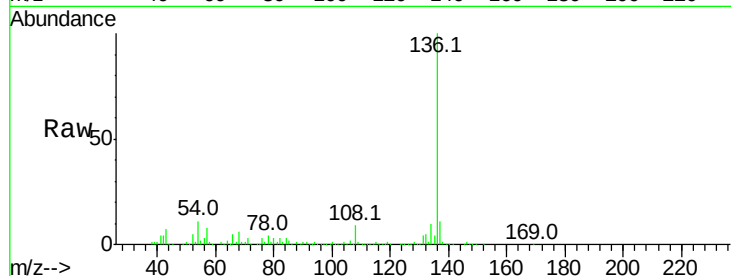




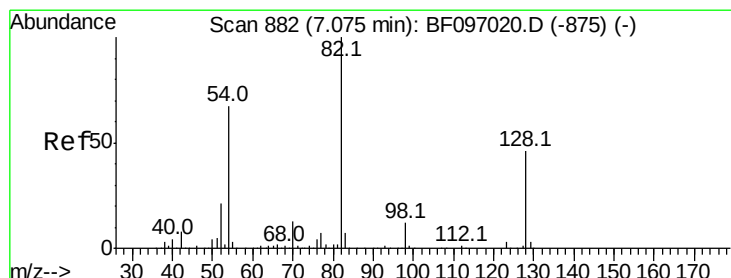
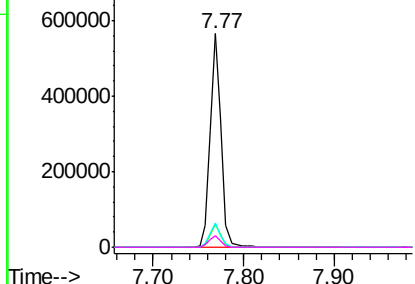
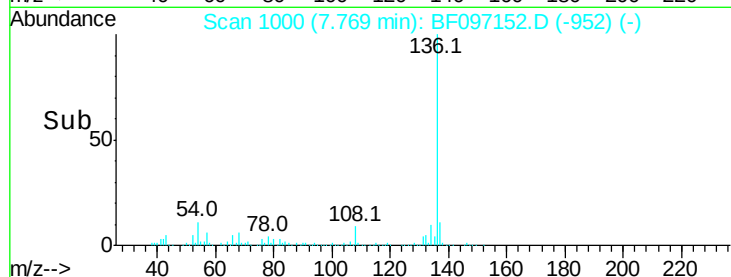
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097152.D
Acq: 28 Jul 2017 14:10

Instrument :
BNA_F
ClientSampleId :
T-2C-14.5-15.0-072117

Tot Ion:136	Resp:	484334
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	11.5	4.9 7.3#
68	5.6	4.1 6.1

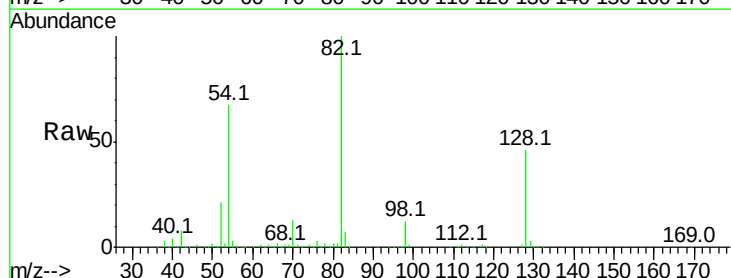


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

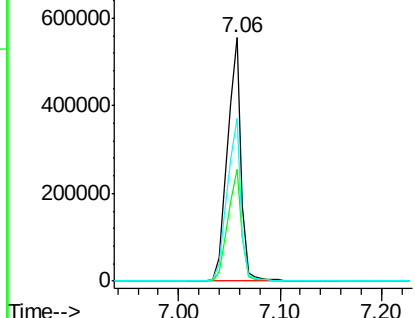
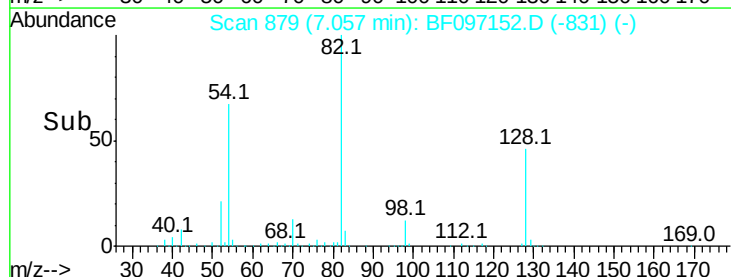


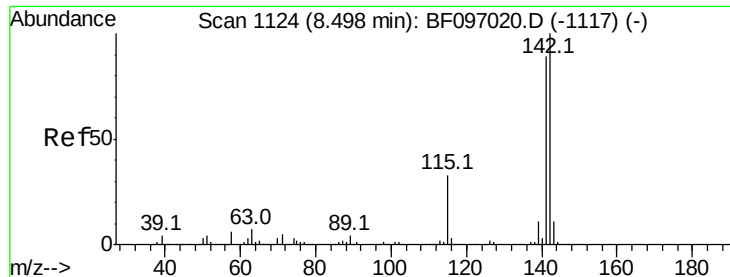
#23
Nitrobenzene-d5
Concen: 62.714 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097152.D
Acq: 28 Jul 2017 14:10

Tgt Ion: 82	Resp:	517767
Ion Ratio	Lower	Upper
82	100	
128	46.0	34.0 51.0
54	67.1	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

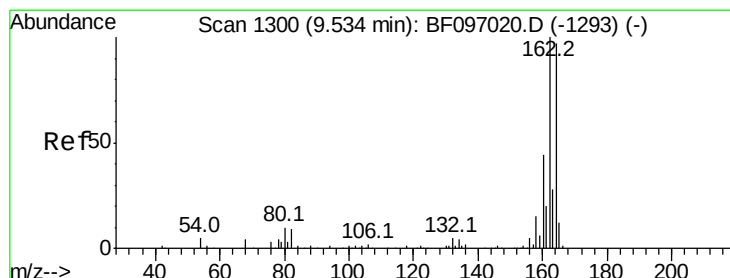
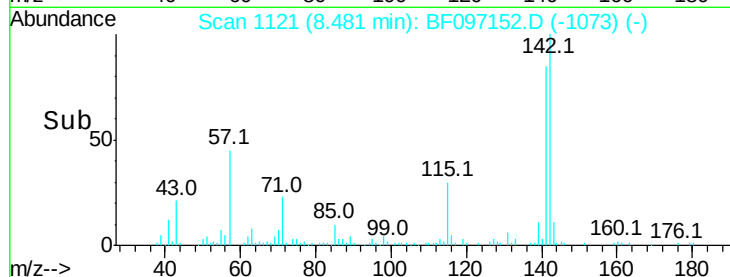
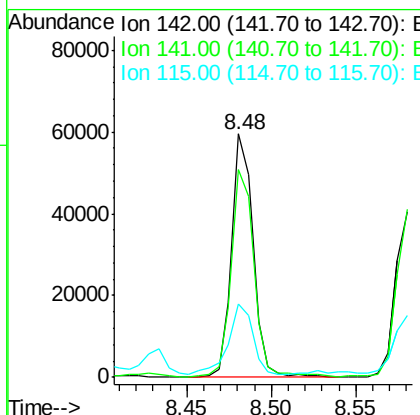
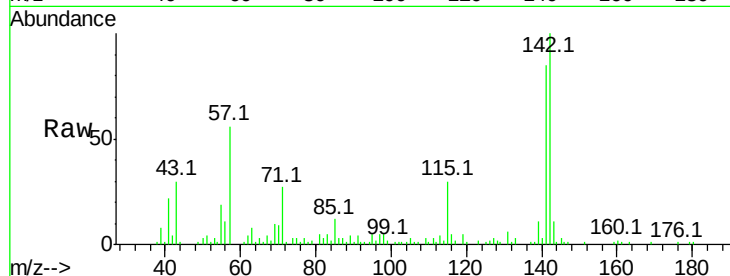




#37
 2-Methylnaphthalene
 Concen: 3.637 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF097152.D
 Acq: 28 Jul 2017 14:10

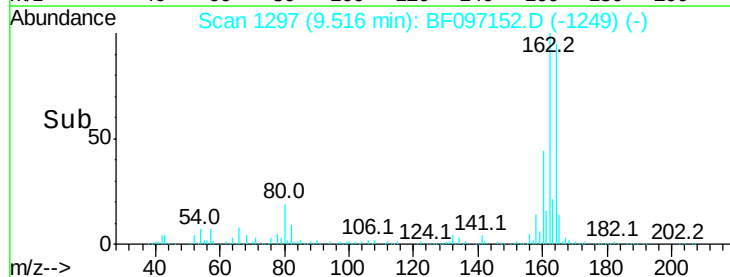
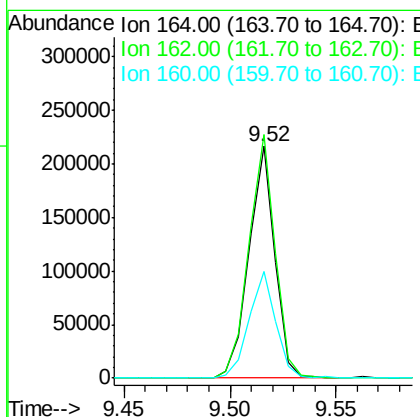
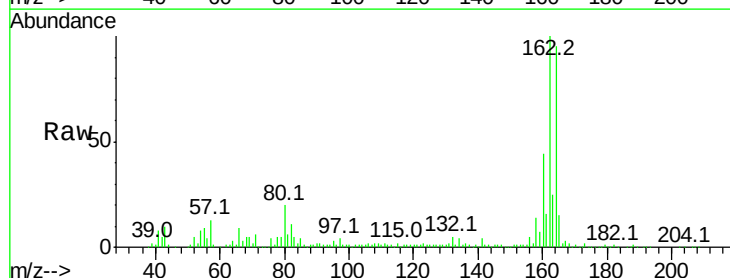
Instrument :
 BNA_F
 ClientSampleId :
 T-2C-14.5-15.0-072117

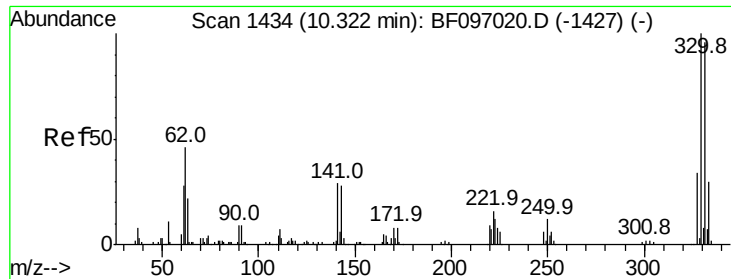
Tot Ion:142 Resp: 52572
 Ion Ratio Lower Upper
 142 100
 141 85.2 71.3 106.9
 115 30.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097152.D
 Acq: 28 Jul 2017 14:10

Tgt Ion:164 Resp: 185223
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 46.1 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 97.997 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

Instrument :

BNA_F

ClientSampleId :

T-2C-14.5-15.0-072117

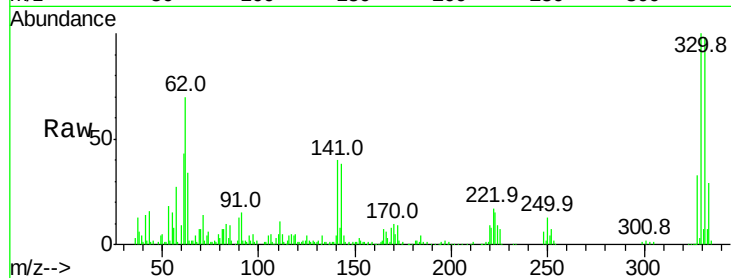
Tot Ion:330 Resp: 143413

Ion Ratio Lower Upper

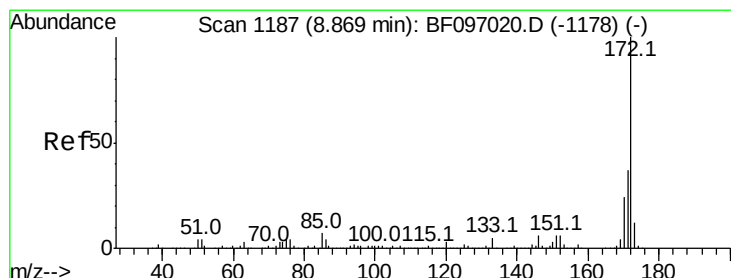
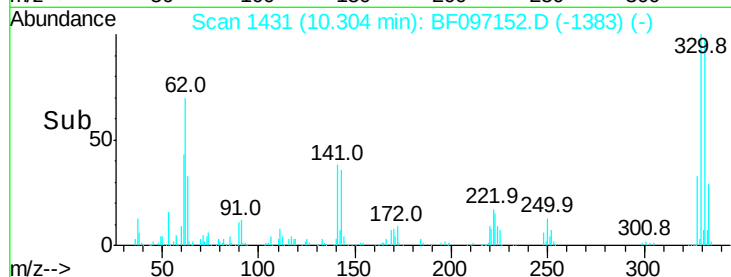
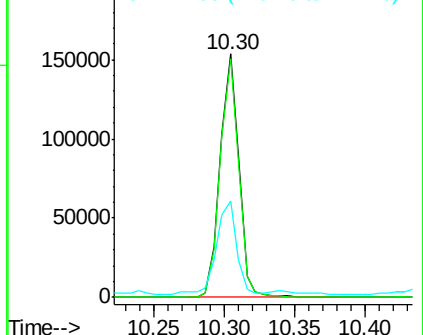
330 100

332 96.9 76.6 115.0

141 41.0 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: 77.562 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

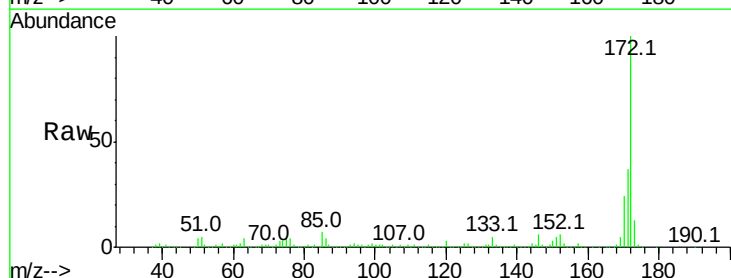
Tgt Ion:172 Resp: 846522

Ion Ratio Lower Upper

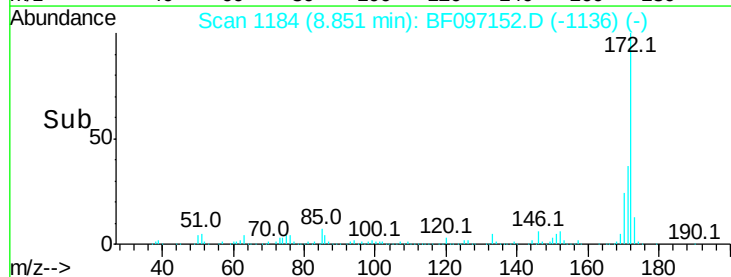
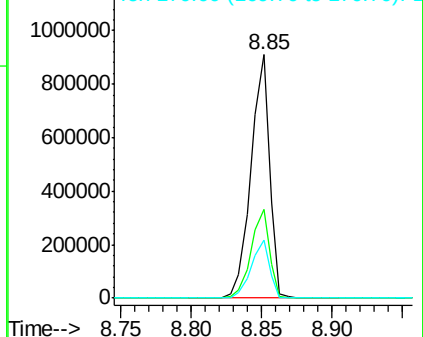
172 100

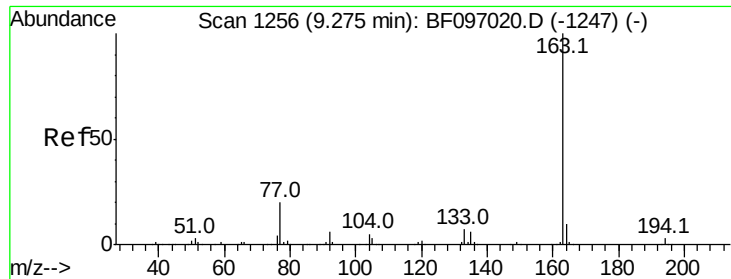
171 36.6 29.6 44.4

170 24.0 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

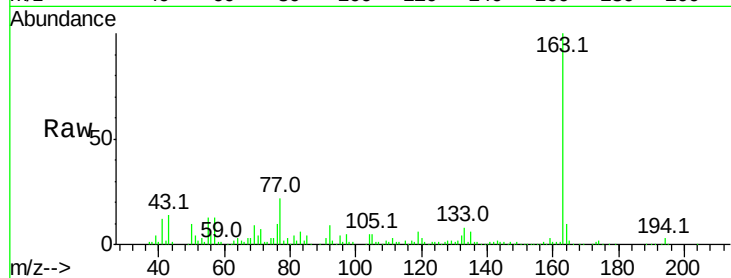




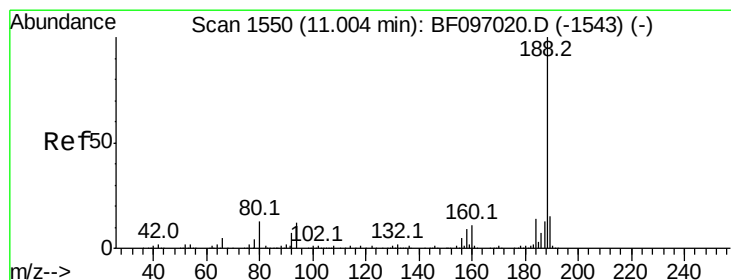
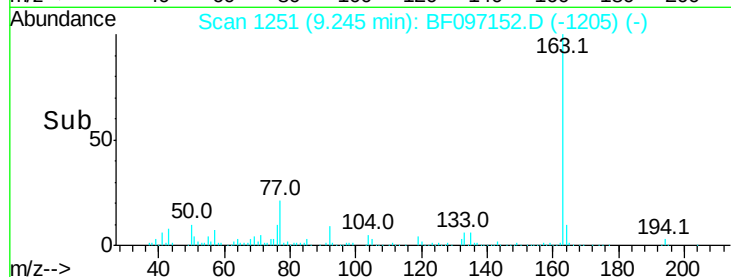
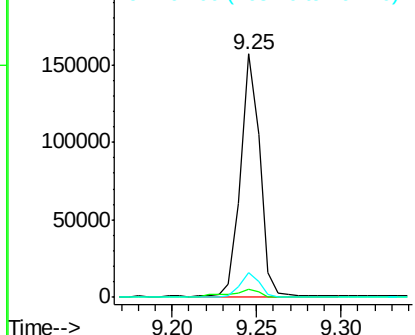
#49
Dimethylphthalate
Concen: 8.800 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097152.D
Acq: 28 Jul 2017 14:10

Instrument :
BNA_F
ClientSampleId :
T-2C-14.5-15.0-072117

Tot Ion:163 Resp: 123777
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

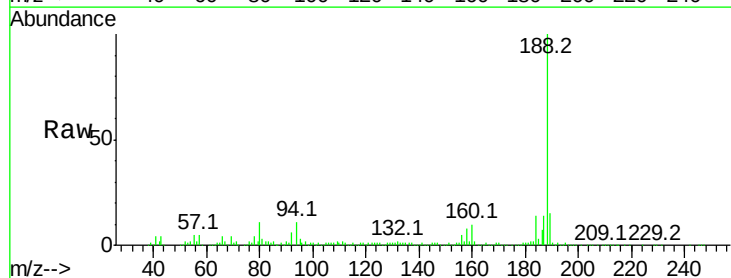


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

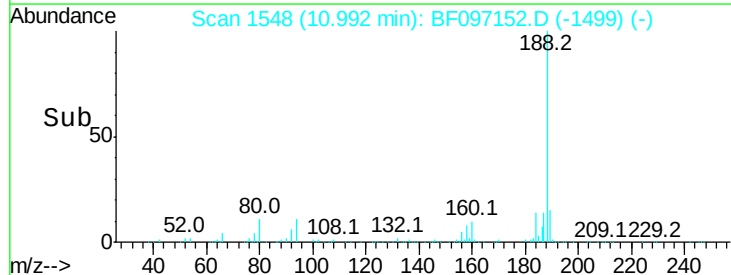
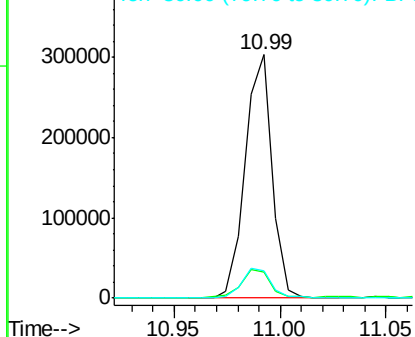


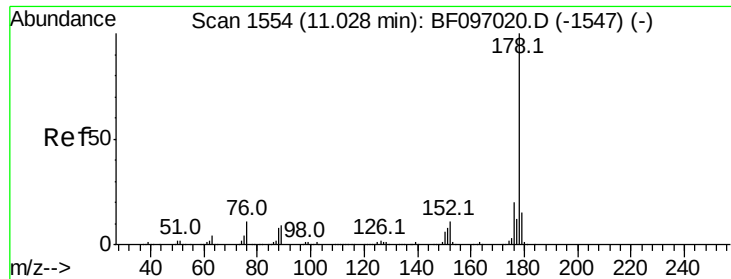
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097152.D
Acq: 28 Jul 2017 14:10

Tgt Ion:188 Resp: 267439
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.0 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: 2.647 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

Instrument :

BNA_F

ClientSampleId :

T-2C-14.5-15.0-072117

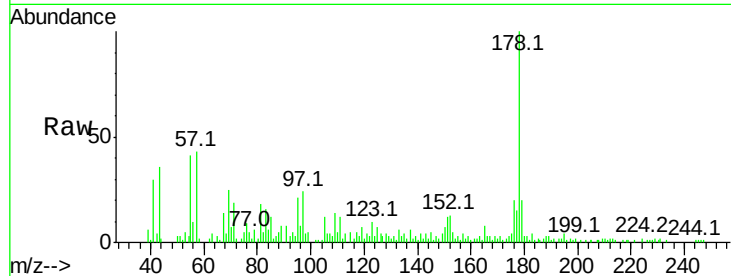
Tot Ion:178 Resp: 37924

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

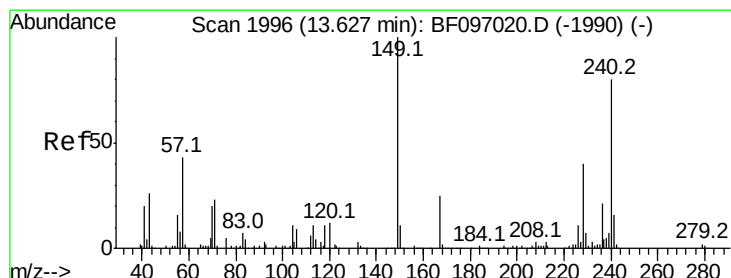
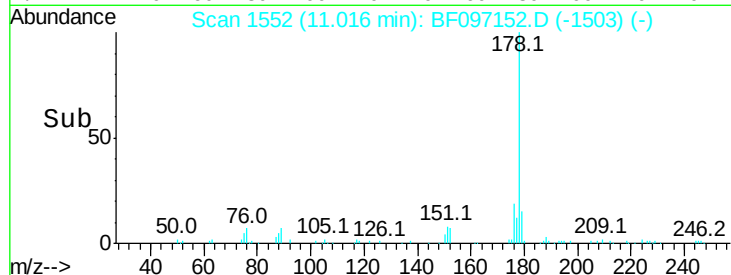
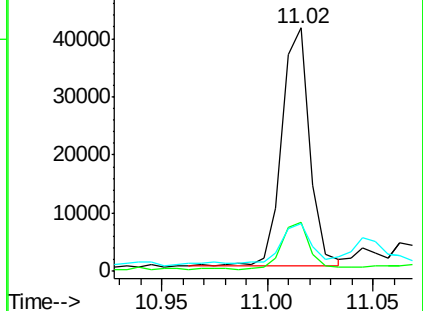
179 19.6 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

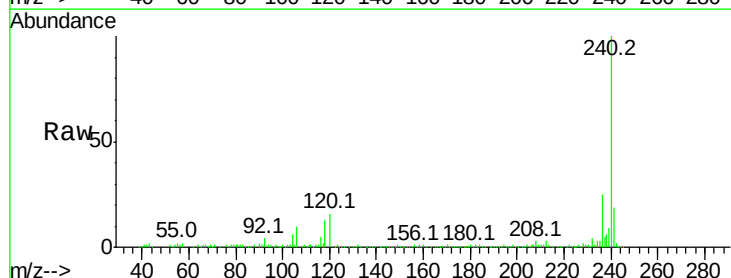
Tgt Ion:240 Resp: 218406

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

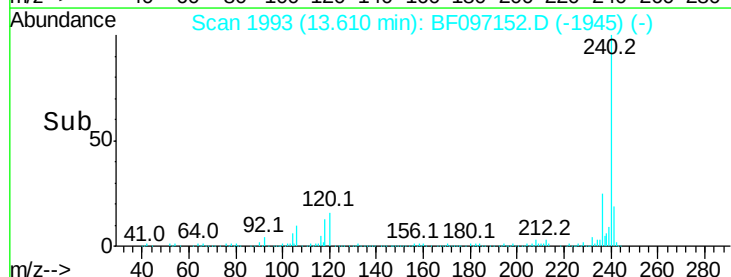
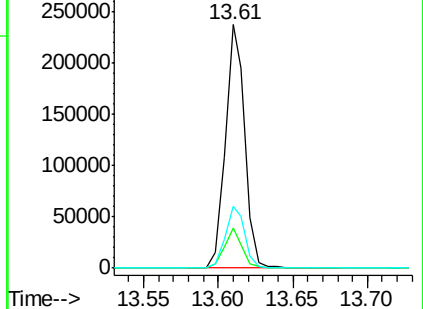
236 25.2 20.5 30.7

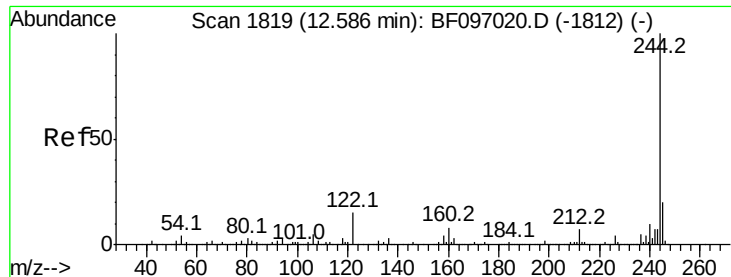


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.651 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

Instrument :

BNA_F

ClientSampleId :

T-2C-14.5-15.0-072117

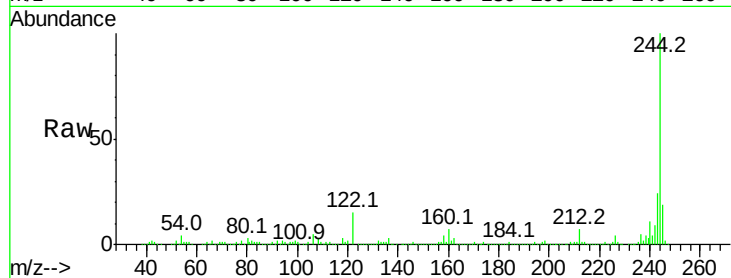
Tot Ion:244 Resp: 499739

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

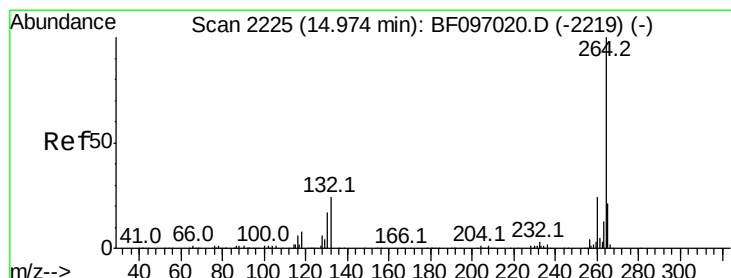
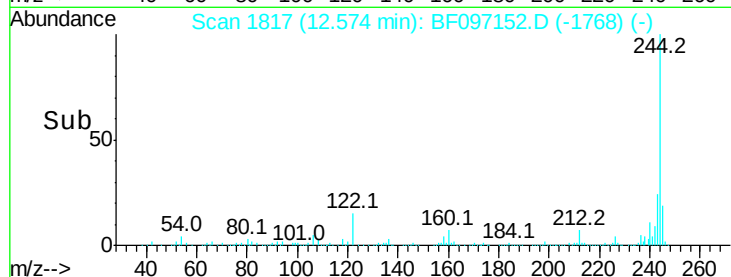
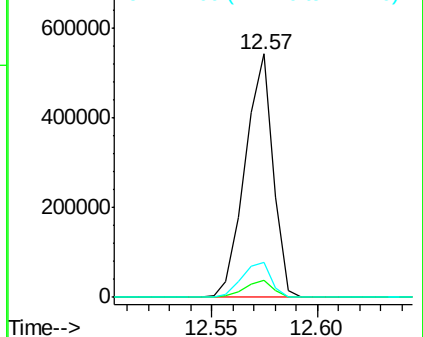
122 14.6 10.3 15.5



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097152.D

Acq: 28 Jul 2017 14:10

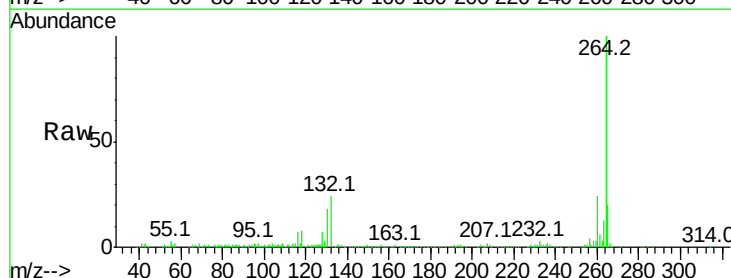
Tgt Ion:264 Resp: 188660

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.4 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

