

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097556.D
 Acq On : 10 Aug 2017 12:05
 Operator : SJ/JU
 Sample : I4623-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 13:28:00 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

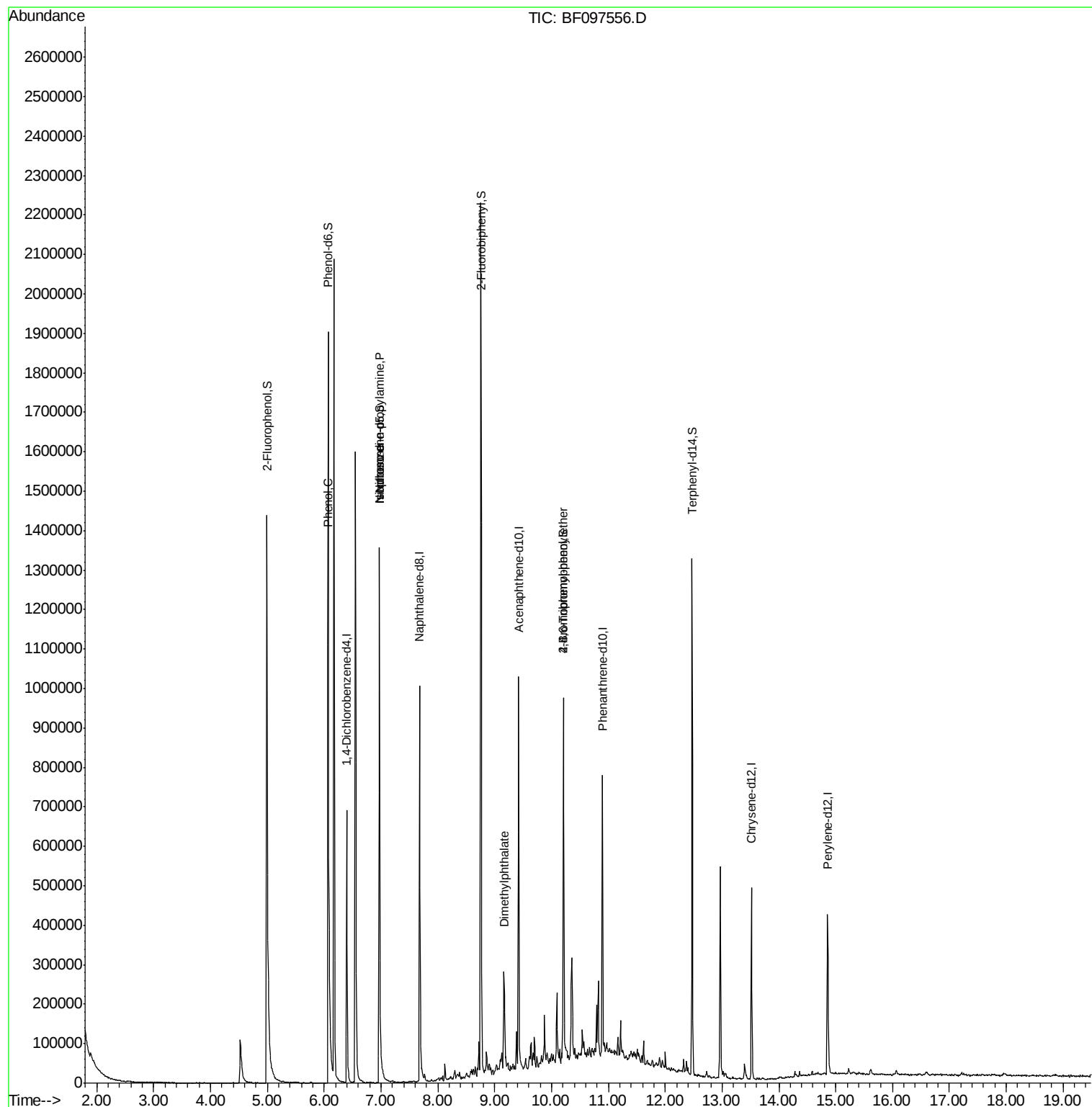
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	119889	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	500089	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186907	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	271384	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	185477	20.00	ng	-0.02
86) Perylene-d12	14.86	264	165292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	610742	76.79	ng	-0.01
7) Phenol-d6	6.07	99	768963	84.70	ng	-0.02
23) Nitrobenzene-d5	6.97	82	455180	53.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	104833	70.99	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	687178	62.40	ng	-0.02
78) Terphenyl-d14	12.47	244	374353	41.15	ng	-0.02
Target Compounds						
10) Phenol	6.08	94	28529	2.649	ng	# 57
19) n-Nitroso-di-n-propylamine	6.97	70	59878	10.019	ng	# 87
25) Isophorone	6.97	82	455176	27.265	ng	# 67
49) Dimethylphthalate	9.16	163	80166	5.648	ng	98
66) 4-Bromophenyl-phenylether	10.21	248	6674	2.464	ng	# 1

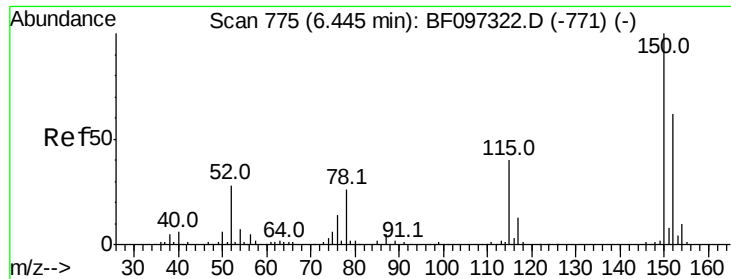
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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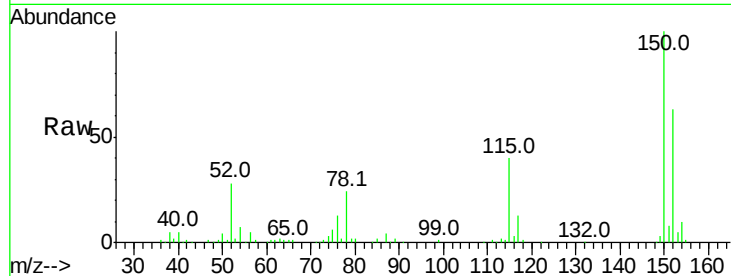


#1

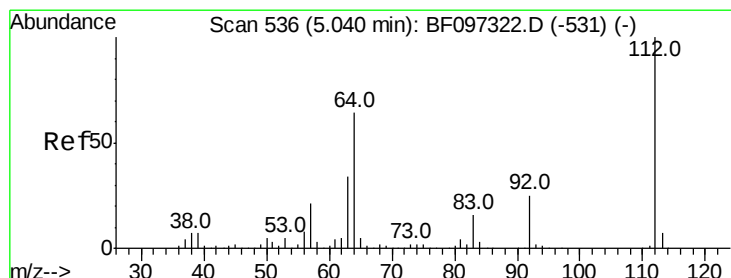
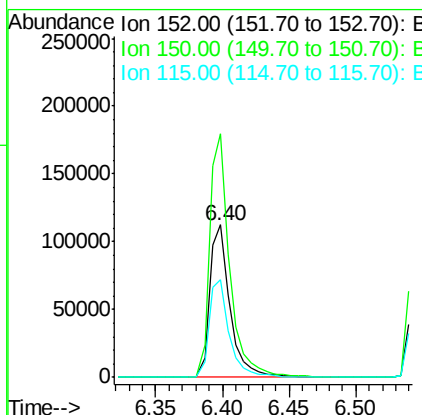
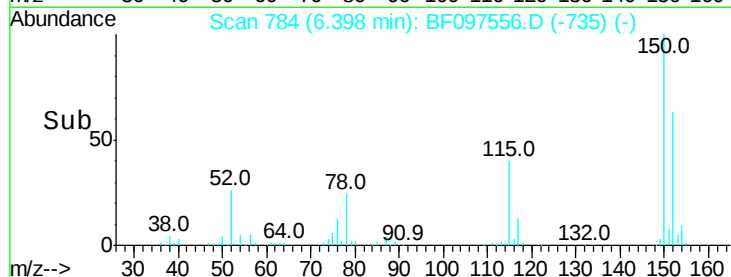
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119889
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 63.8 52.2 78.2



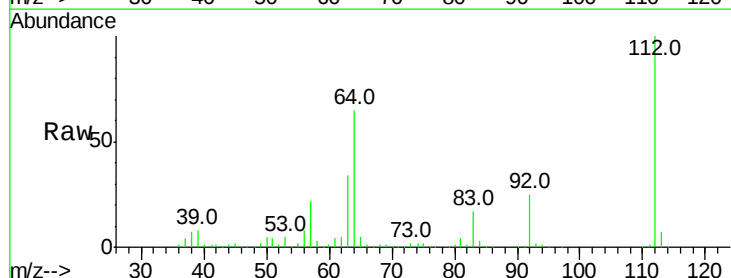
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



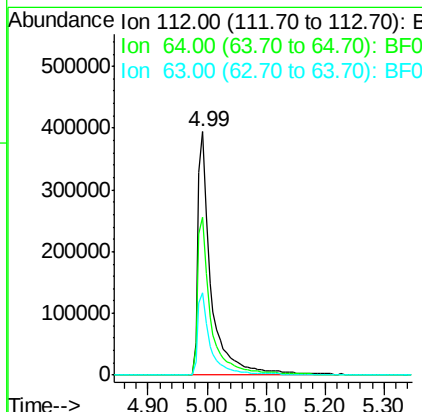
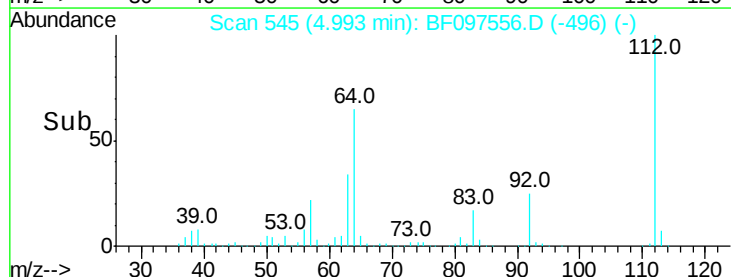
#5

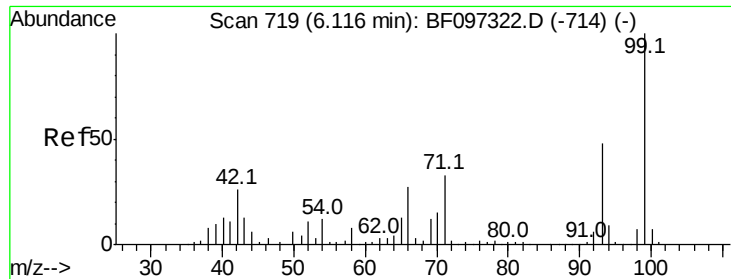
2-Fluorophenol
Concen: 76.795 ng
RT: 4.99 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion:112 Resp: 610742
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.7 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: 84.695 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

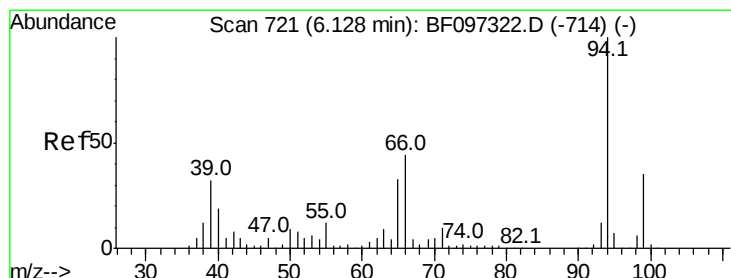
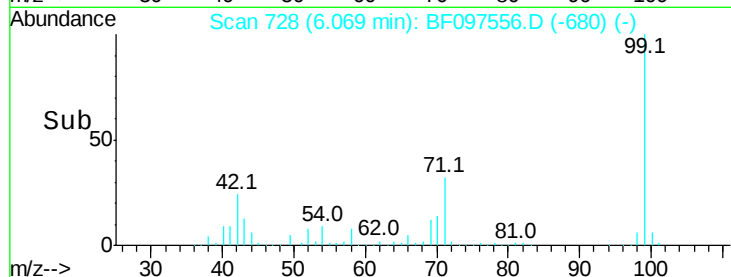
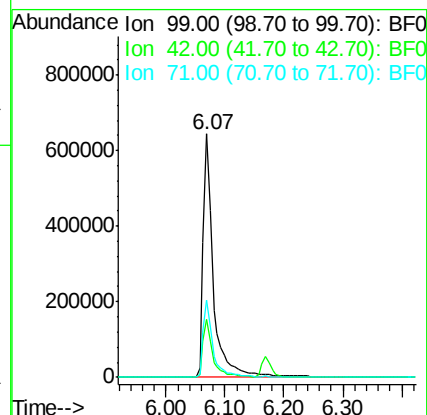
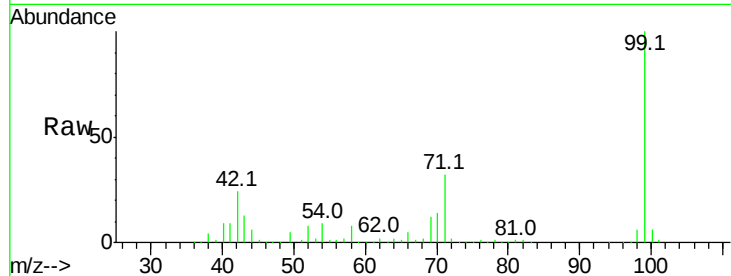
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 768963

Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.5	20.3#
71	31.7	24.5	36.7



#10

Phenol

Concen: 2.649 ng

RT: 6.08 min Scan# 730

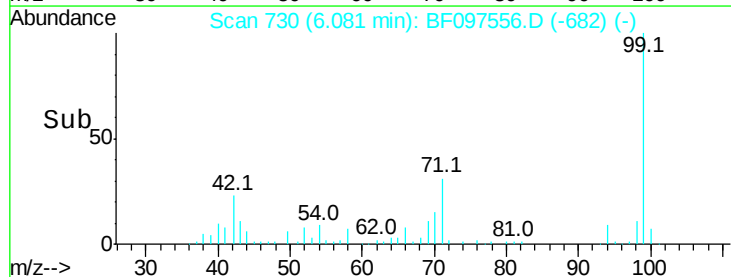
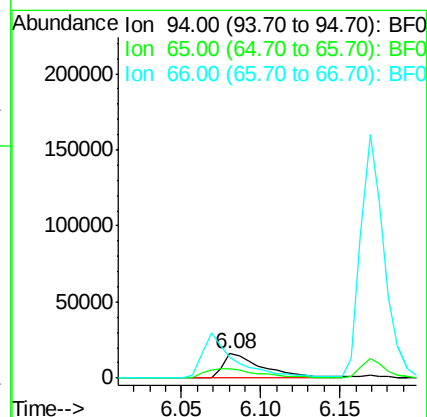
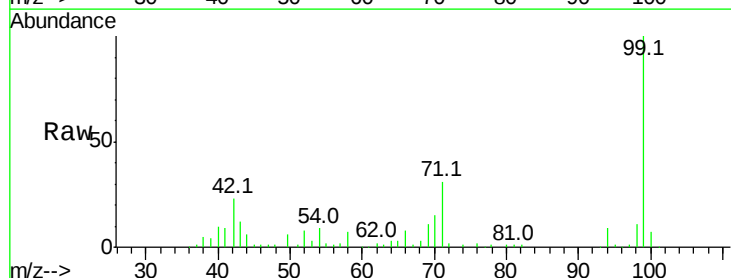
Delta R.T. -0.02 min

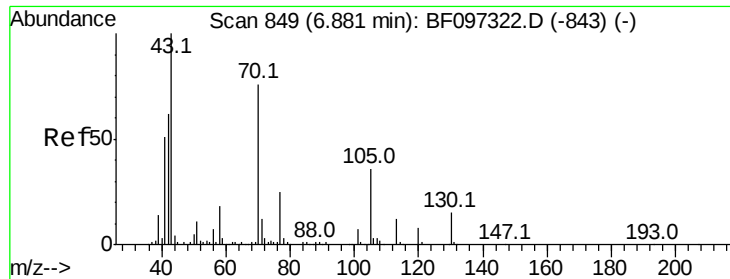
Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

Tgt Ion: 94 Resp: 28529

Ion	Ratio	Lower	Upper
94	100		
65	35.8	9.9	49.9
66	84.6	23.1	63.1#

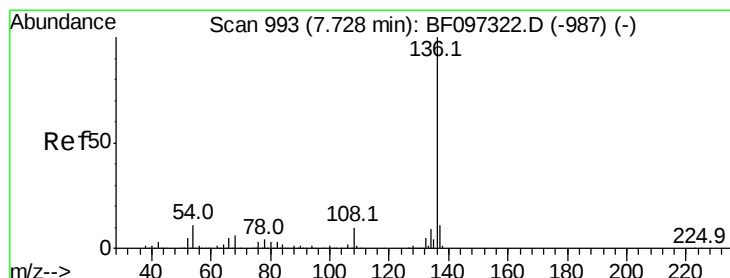
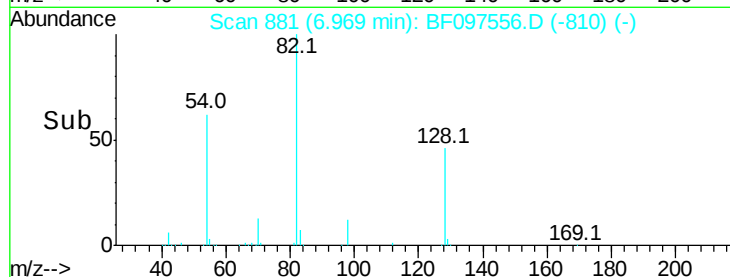
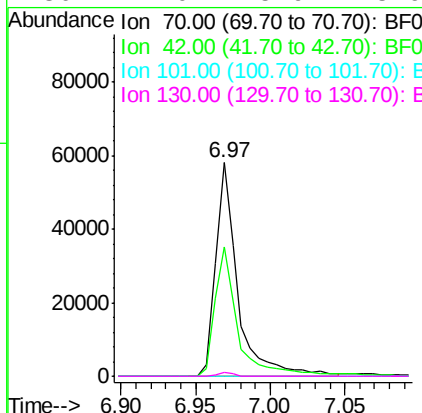
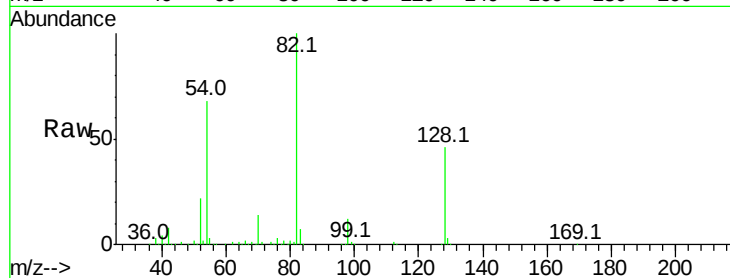




#19
n-Nitroso-di-n-propylamine
Concen: 10.019 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

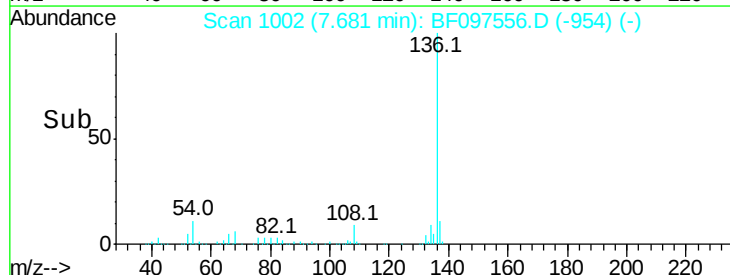
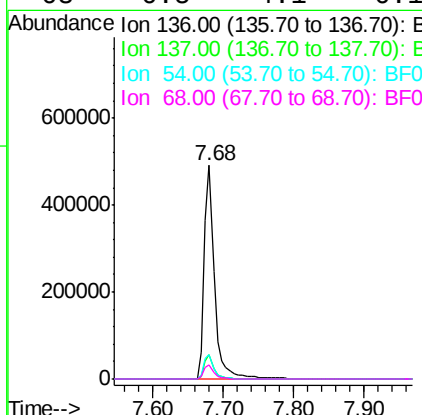
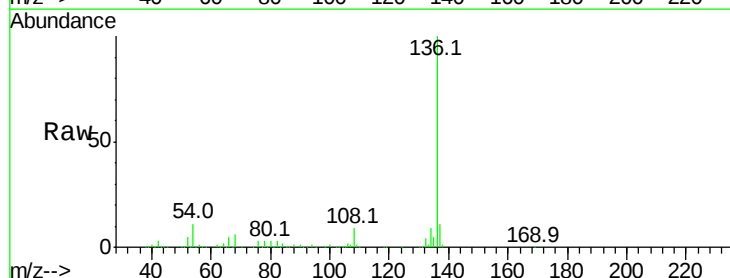
Instrument :
BNA_F
ClientSampleId :

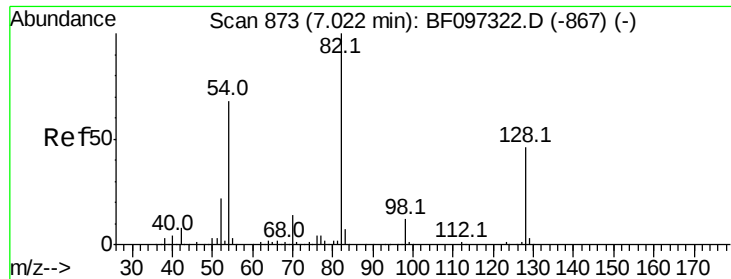
Tot Ion: 70 Resp: 59878
Ion Ratio Lower Upper
70 100
42 60.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion: 136 Resp: 500089
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.1 4.9 7.3#
68 6.5 4.1 6.1#

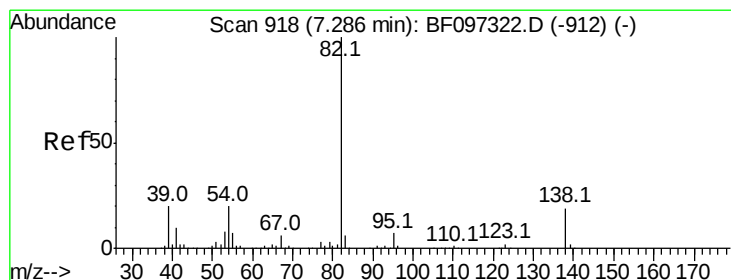
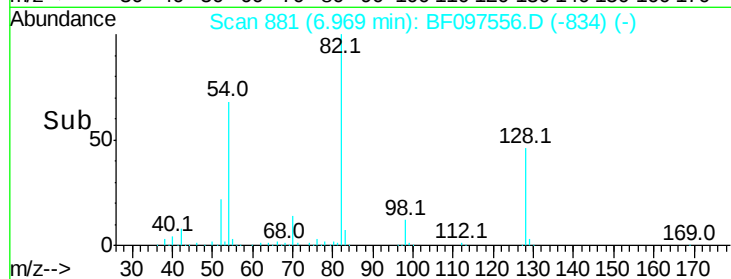
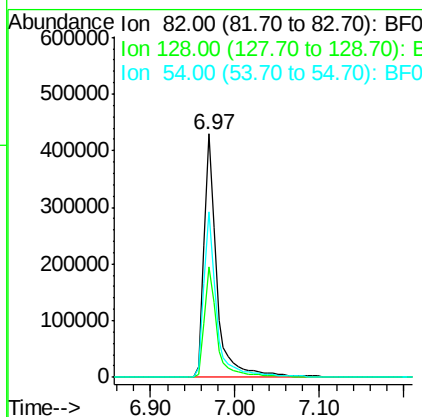
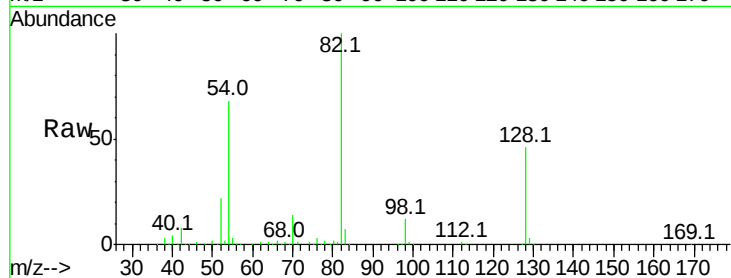




#23
Nitrobenzene-d5
Concen: 53.396 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

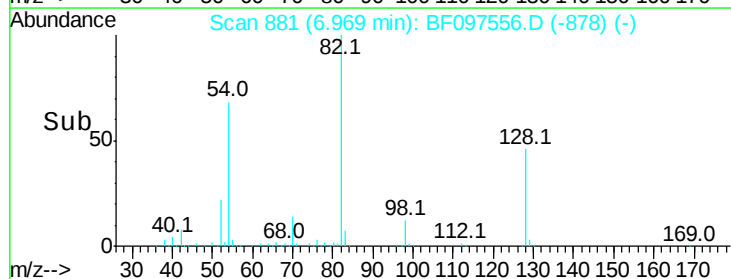
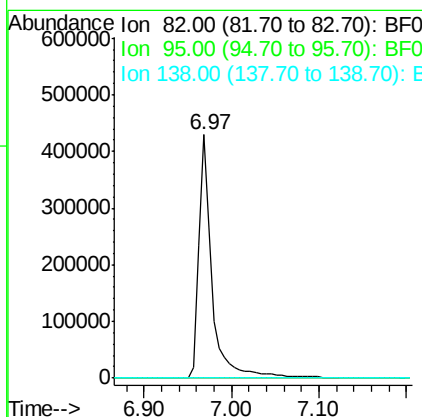
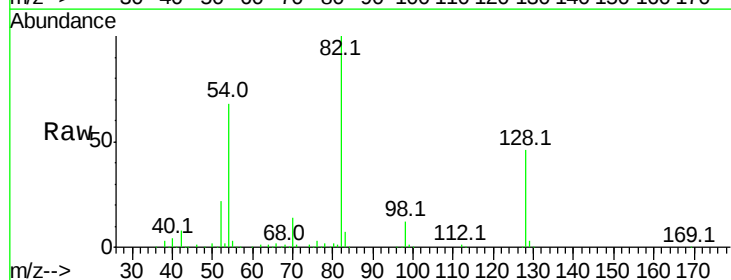
Instrument :
BNA_F
ClientSampled :

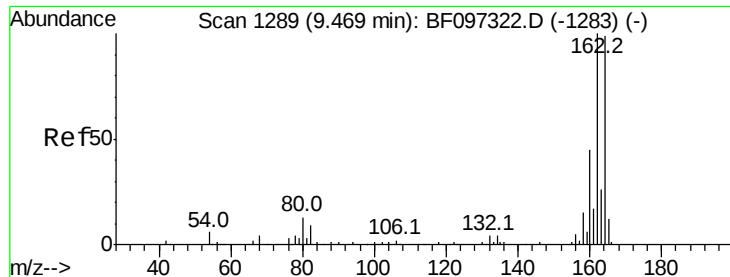
Tot Ion: 82 Resp: 455180
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 68.1 42.2 63.2#



#25
Isophorone
Concen: 27.265 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion: 82 Resp: 455176
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

Instrument :

BNA_F

ClientSampleId :

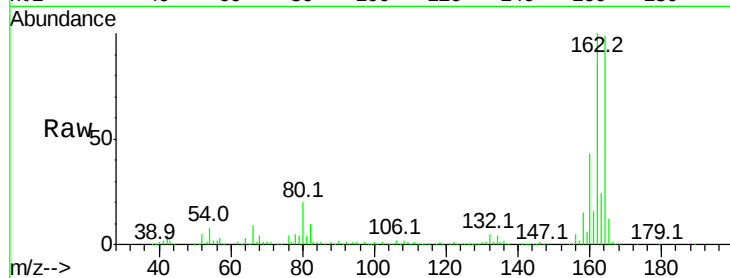
Tot Ion:164 Resp: 186907

Ion Ratio Lower Upper

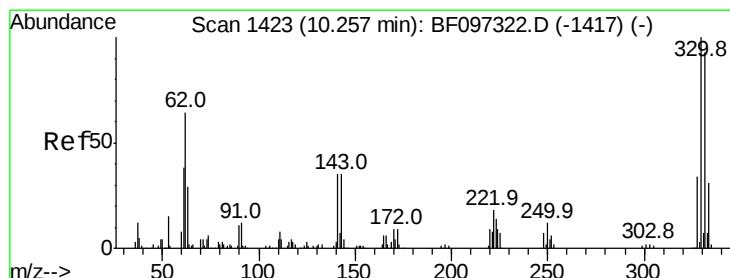
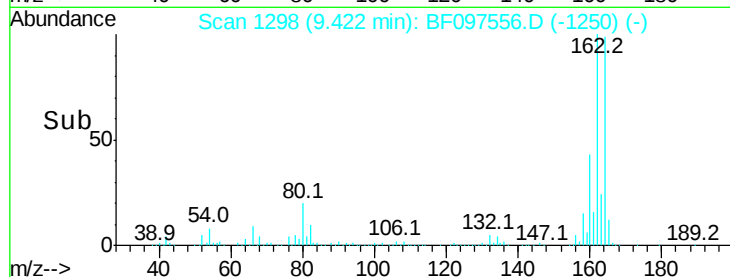
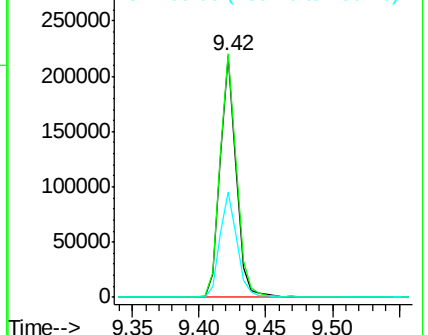
164 100

162 101.0 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: 70.989 ng

RT: 10.21 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

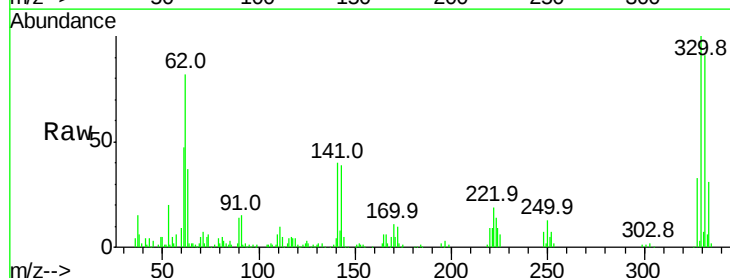
Tgt Ion:330 Resp: 104833

Ion Ratio Lower Upper

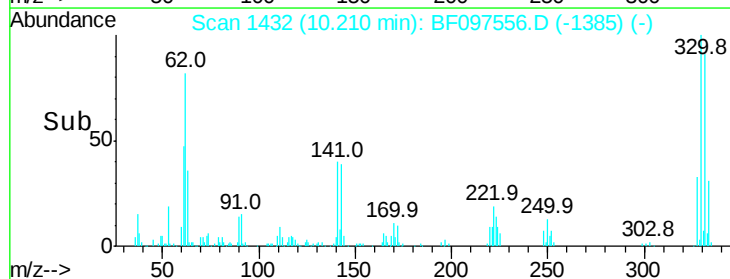
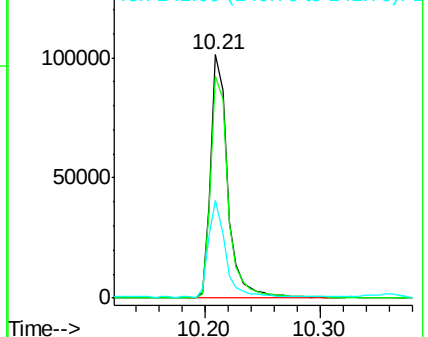
330 100

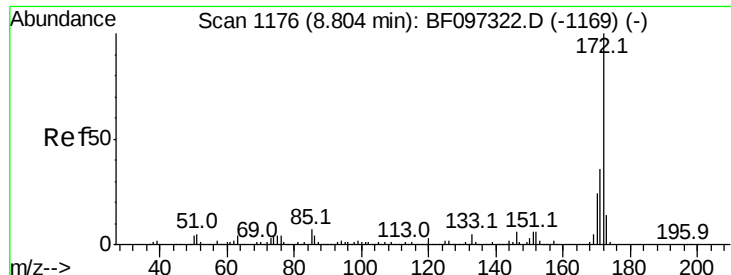
332 94.6 76.6 115.0

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

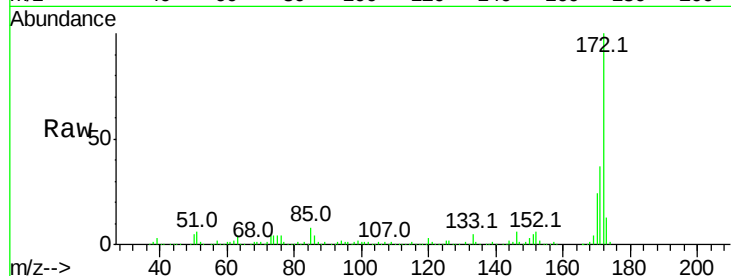




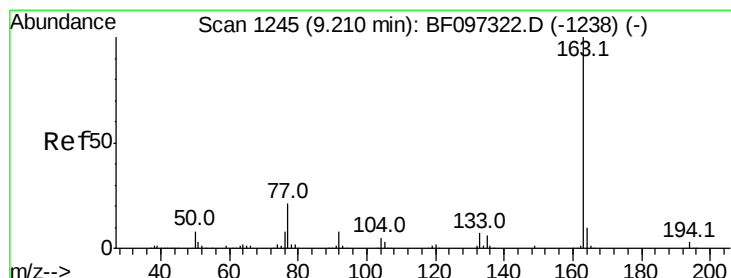
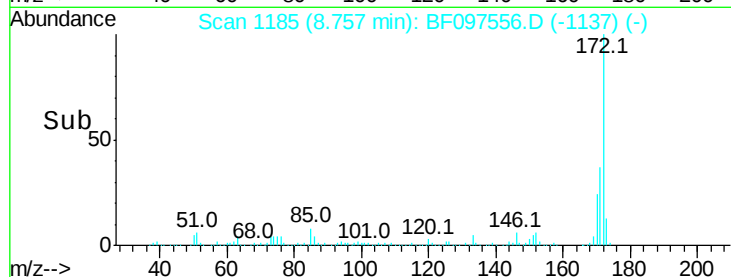
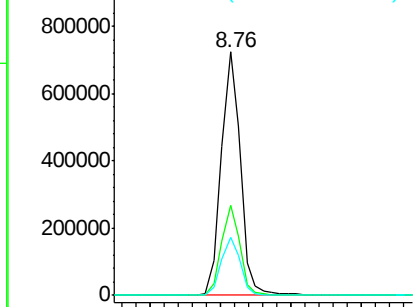
#44
2-Fluorobiphenyl
Concen: 62.395 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.9	19.8	29.8

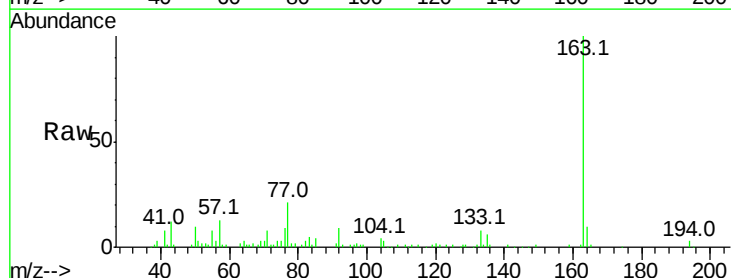


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

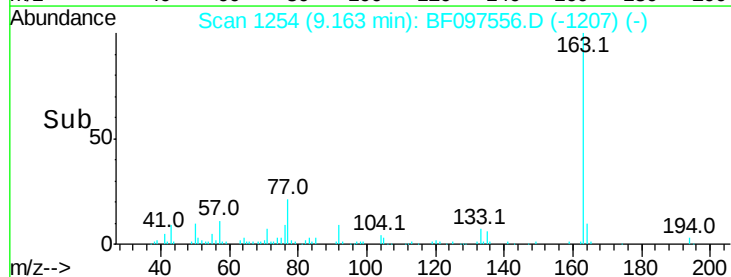
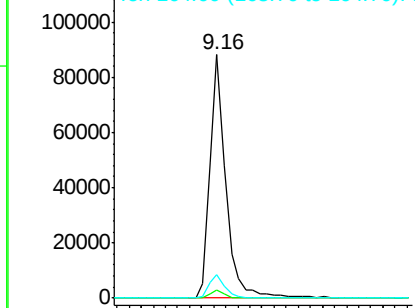


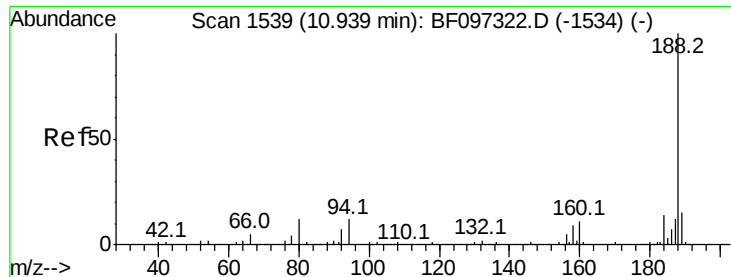
#49
Dimethylphthalate
Concen: 5.648 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	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

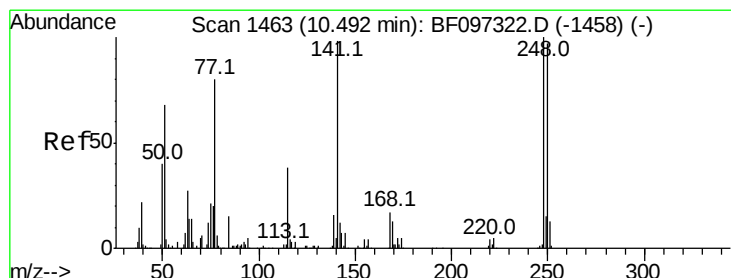
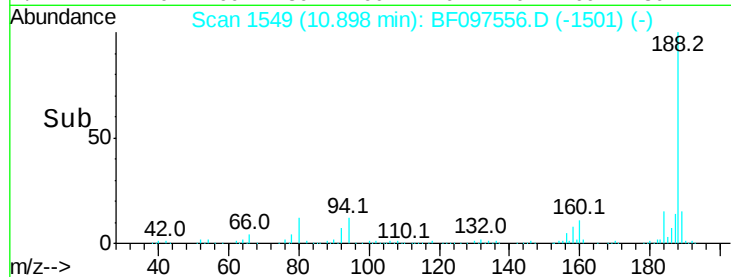
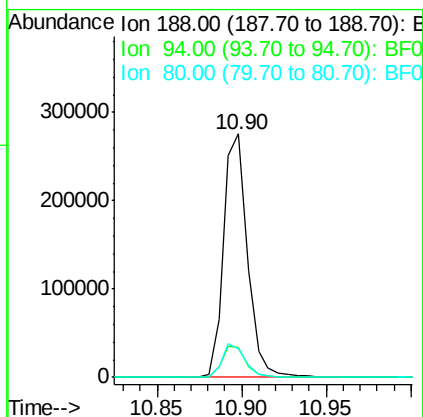
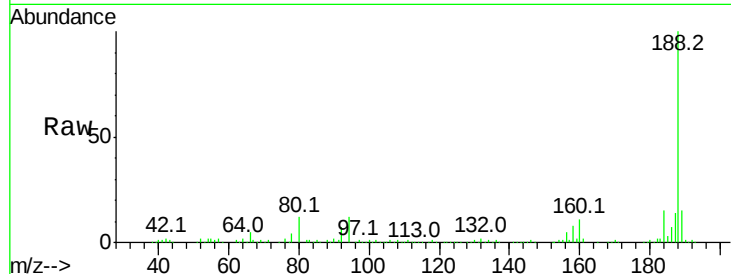




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF097556.D
 Acq: 10 Aug 2017 12:05

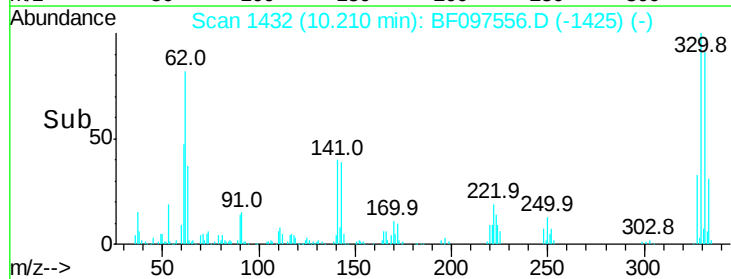
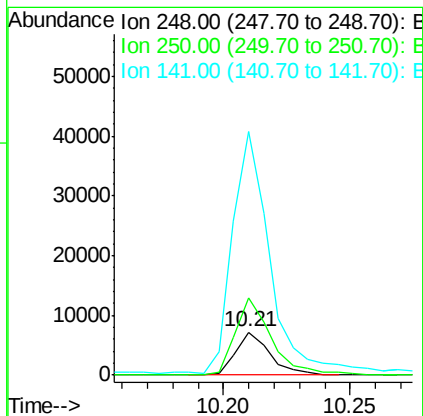
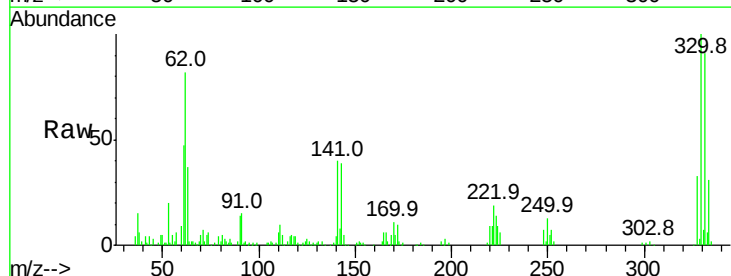
Instrument :
 BNA_F
 ClientSampleId :

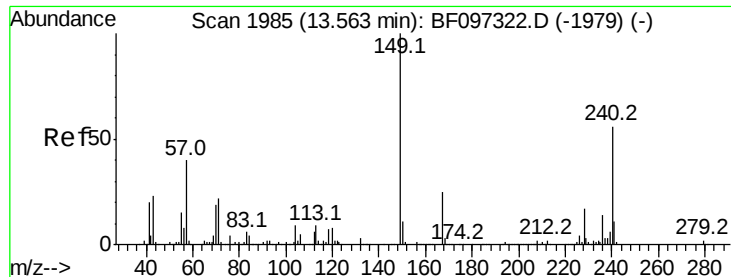
Tot Ion:188 Resp: 271384
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 11.8 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 2.464 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.26 min
 Lab File: BF097556.D
 Acq: 10 Aug 2017 12:05

Tgt Ion:248 Resp: 6674
 Ion Ratio Lower Upper
 248 100
 250 181.4 76.8 115.2#
 141 570.1 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

Instrument :

BNA_F

ClientSampleId :

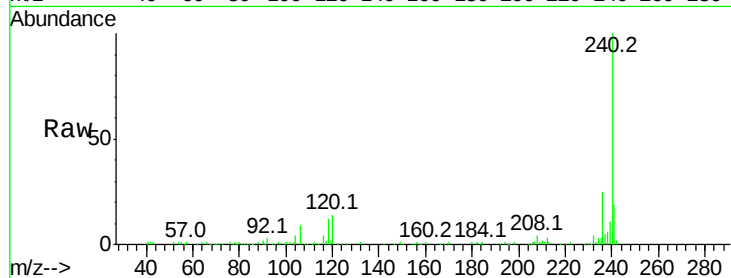
Tot Ion:240 Resp: 185477

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

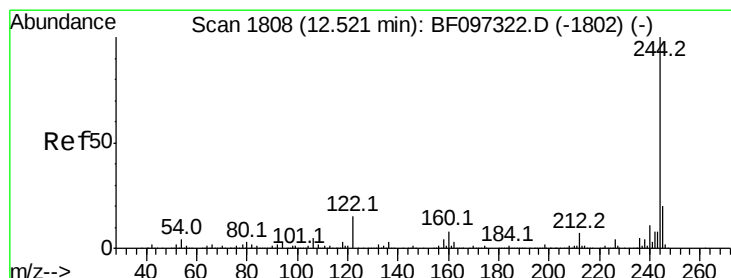
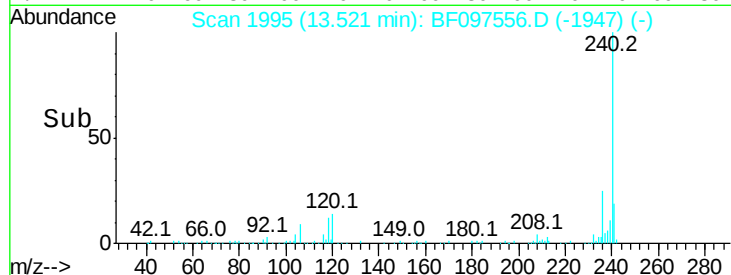
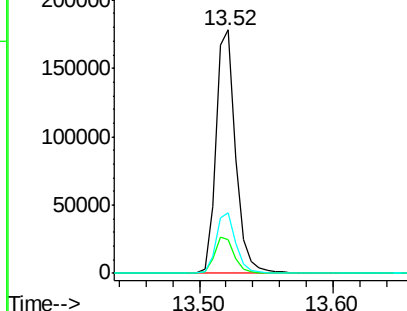
236 25.1 20.5 30.7



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: 41.151 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

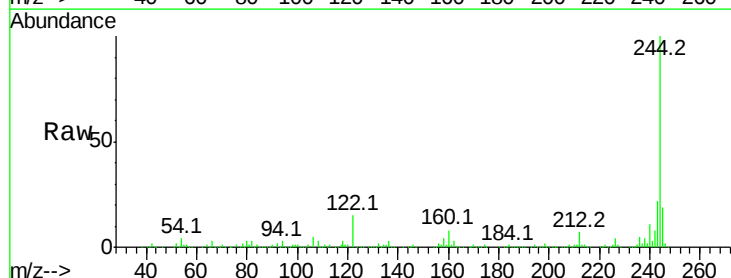
Tgt Ion:244 Resp: 374353

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

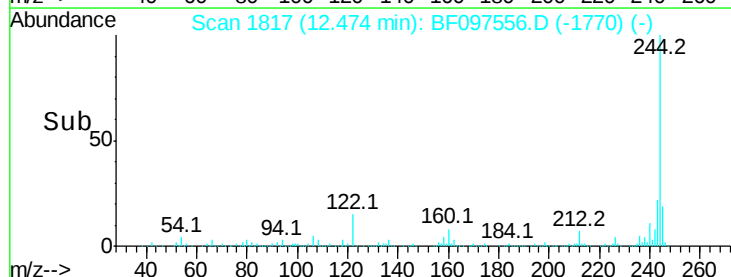
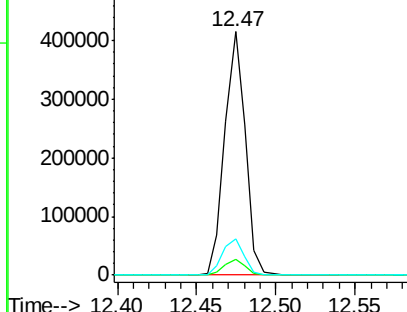
122 15.0 10.3 15.5

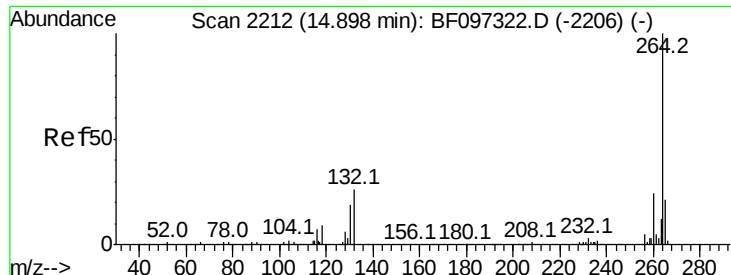


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

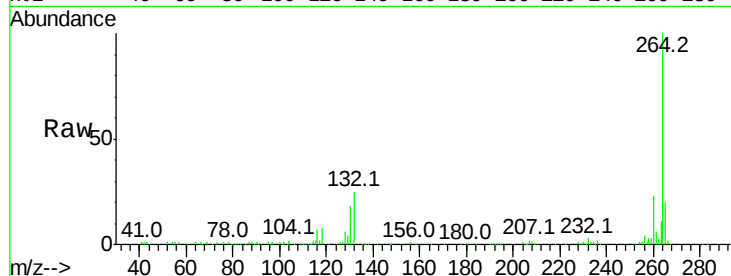




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097556.D
 Acq: 10 Aug 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.5	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

