

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097569.D
 Acq On : 10 Aug 2017 20:27
 Operator : SJ/JU
 Sample : I4688-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

Quant Time: Aug 11 01:02:39 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

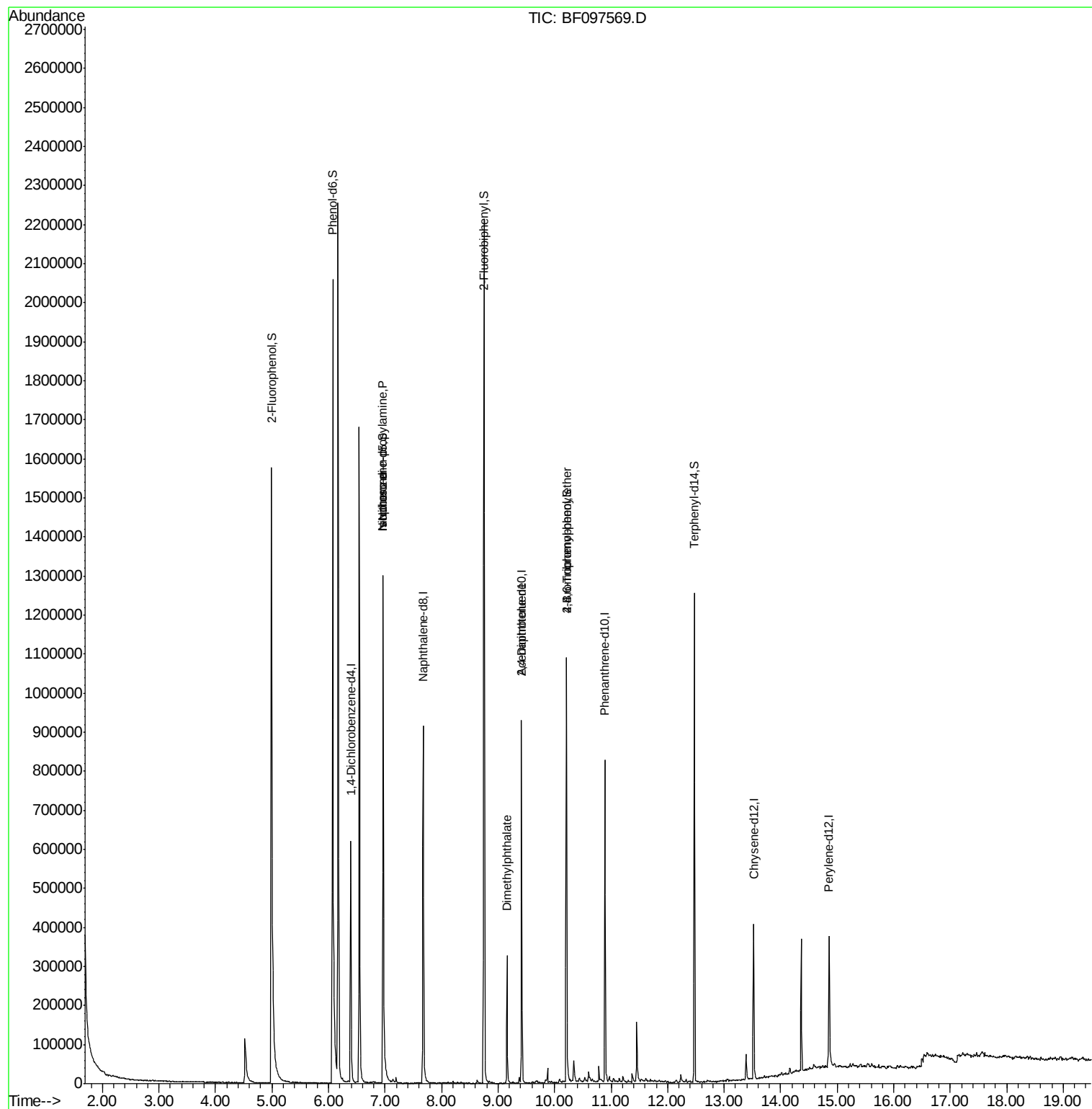
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	103911	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	437263	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	180001	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	290205	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	147781	20.00	ng	-0.02
86) Perylene-d12	14.86	264	147143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	701110	101.71	ng	-0.01
7) Phenol-d6	6.07	99	814476	103.50	ng	-0.01
23) Nitrobenzene-d5	6.96	82	476734	63.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	130526	91.78	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	684820	64.57	ng	-0.02
78) Terphenyl-d14	12.47	244	366196	50.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	64868	12.52	ng	# 85
25) Isophorone	6.96	82	476731	32.66	ng	# 67
49) Dimethylphthalate	9.16	163	132063	9.66	ng	98
56) 2,4-Dinitrotoluene	9.42	165	21831	6.55	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	7642	2.64	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097569.D
Acq On : 10 Aug 2017 20:27
Operator : SJ/JU
Sample : I4688-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Quant Time: Aug 11 01:02:39 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



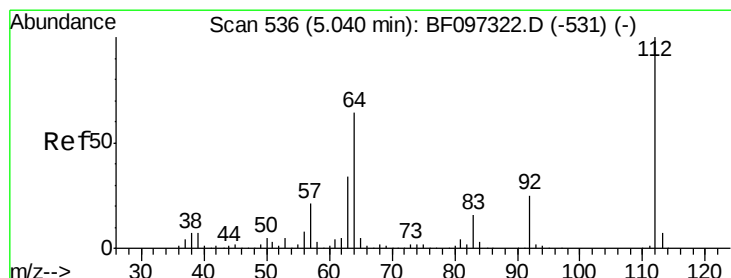
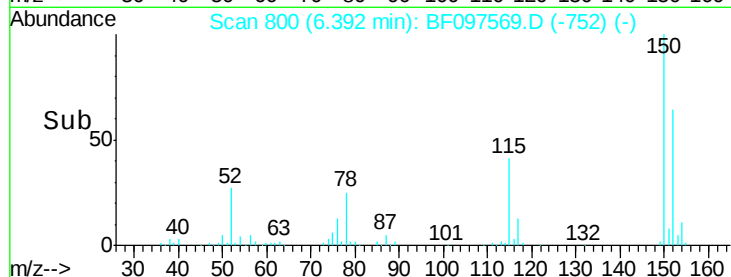
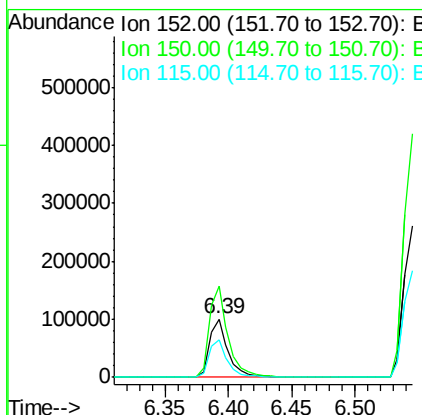
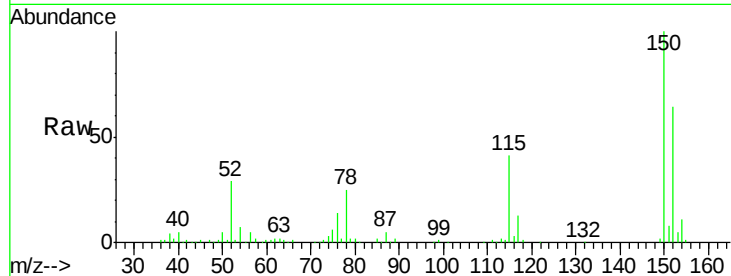


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

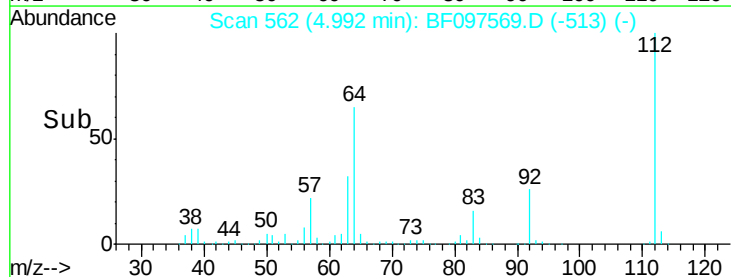
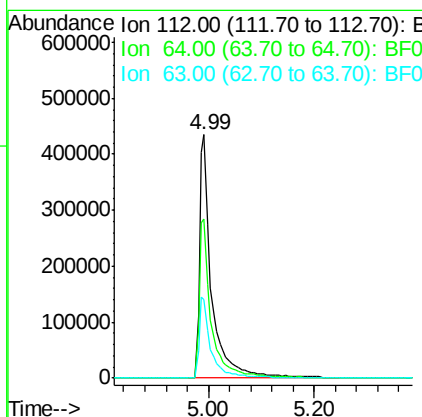
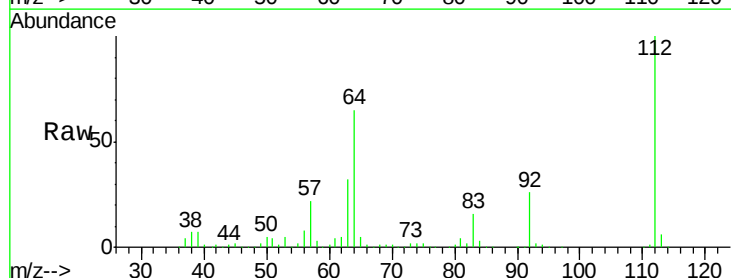
Tot Ion:152 Resp: 103911
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 64.6 52.2 78.2

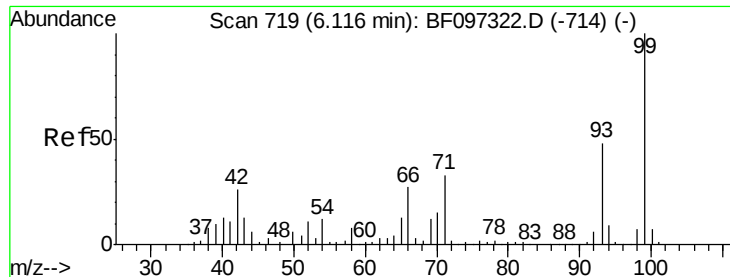


#5

2-Fluorophenol
Concen: 101.71 ng
RT: 4.99 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Tgt Ion:112 Resp: 701110
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 32.4 23.4 35.0





#7

Phenol-d6

Concen: 103.50 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

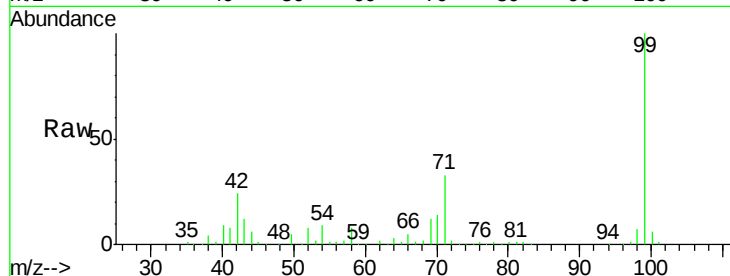
Tot Ion: 99 Resp: 814476

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

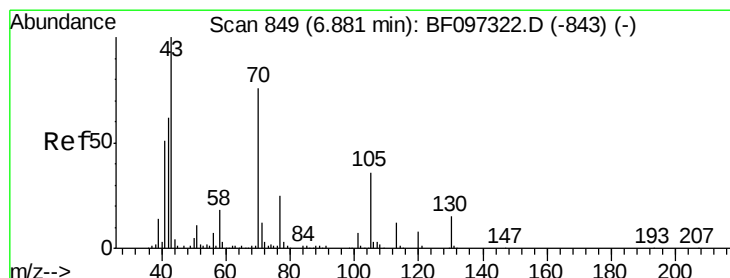
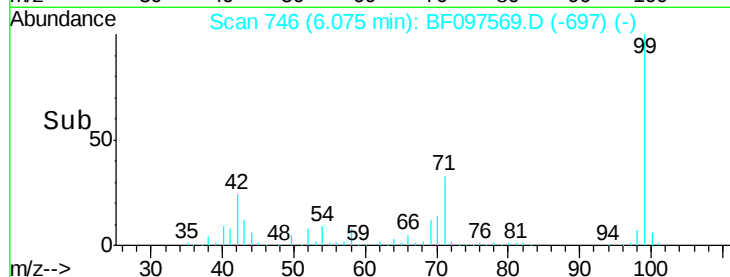
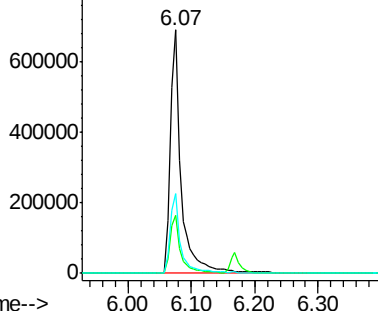
71 32.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.52 ng

RT: 6.96 min Scan# 897

Delta R.T. 0.11 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Tgt Ion: 70 Resp: 64868

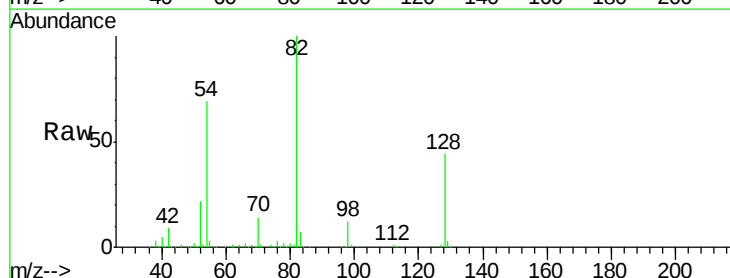
Ion Ratio Lower Upper

70 100

42 62.8 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

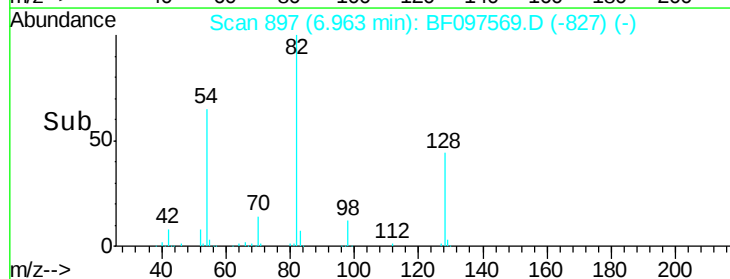
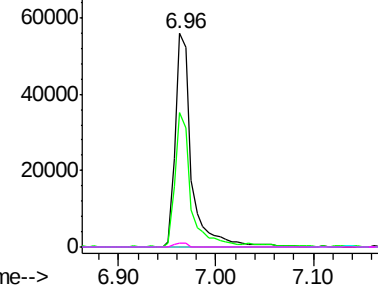


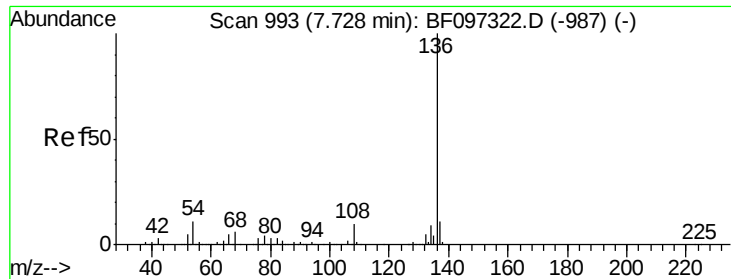
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

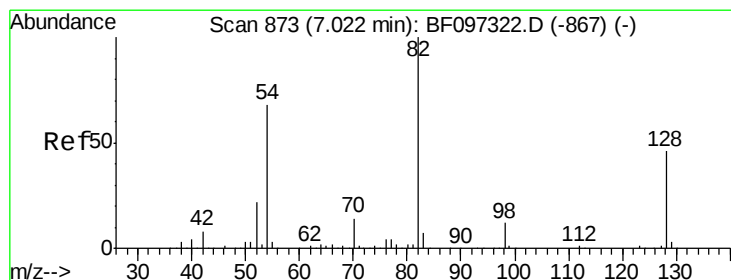
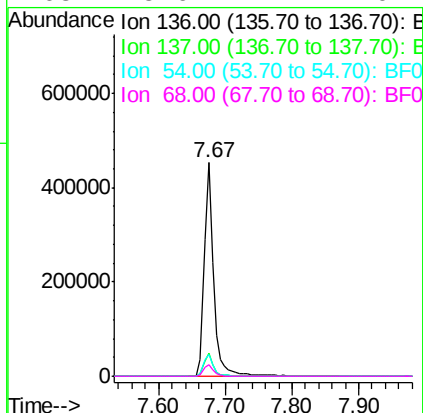
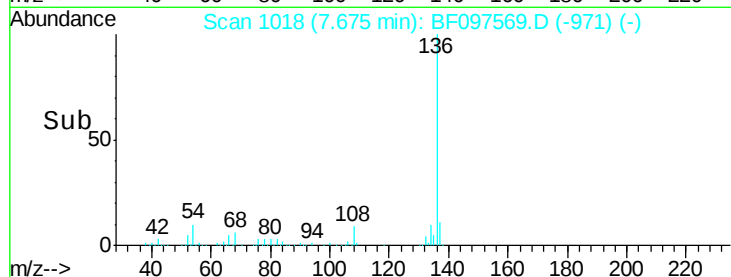
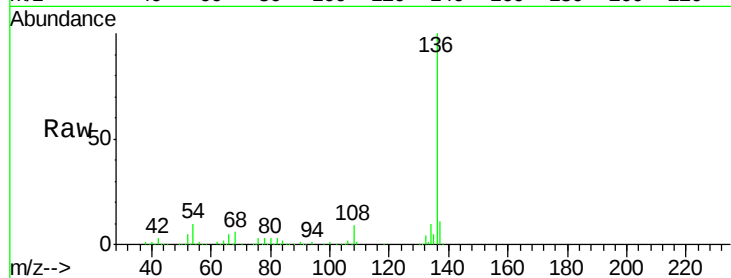




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

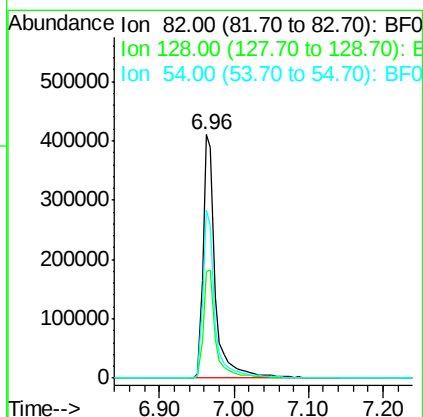
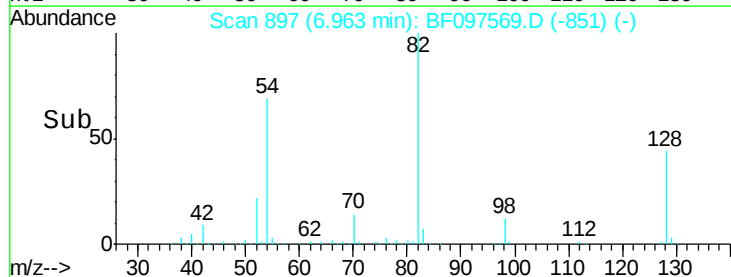
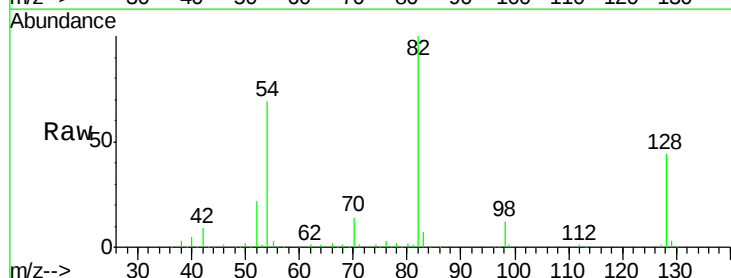
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

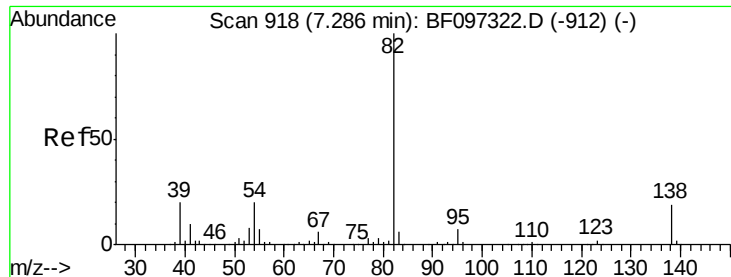
Tot Ion:136	Resp:	437263
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	10.2	4.9 7.3#
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.96 ng
RT: 6.96 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Tgt Ion: 82	Resp:	476734
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.0 51.0
54	69.1	42.2 63.2#





#25

Isophorone

Concen: 32.66 ng

RT: 6.96 min Scan# 897

Delta R.T. -0.29 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

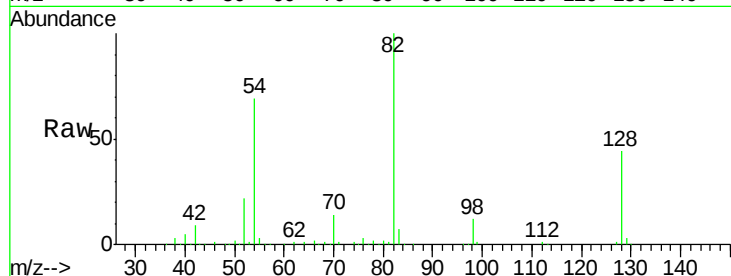
Tot Ion: 82 Resp: 476731

Ion Ratio Lower Upper

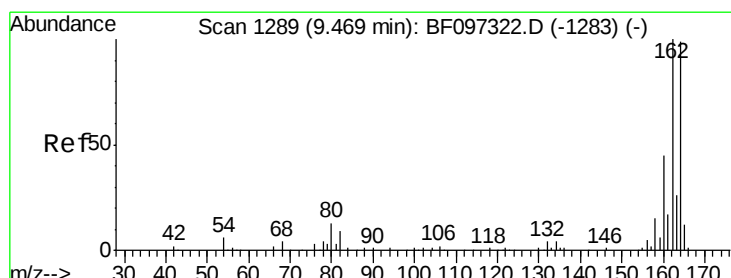
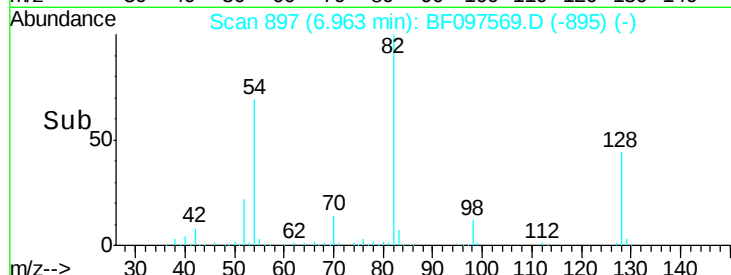
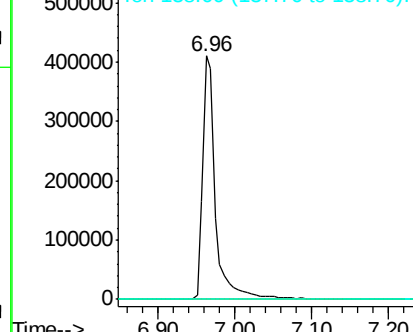
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

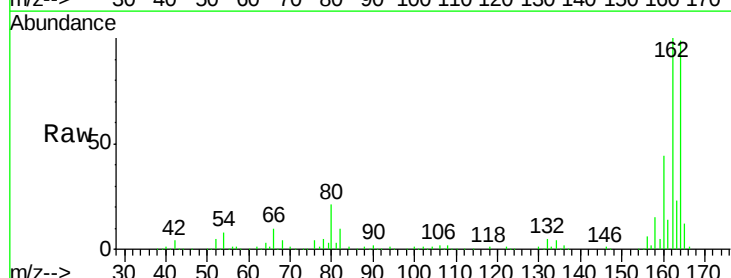
Tgt Ion:164 Resp: 180001

Ion Ratio Lower Upper

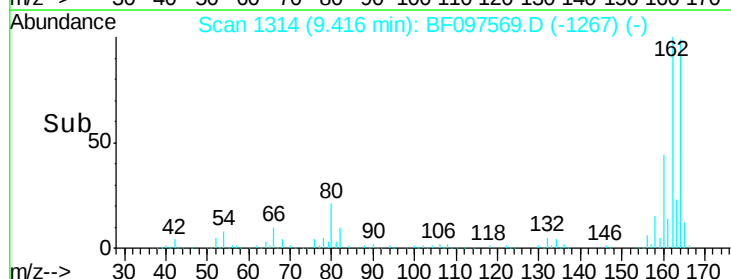
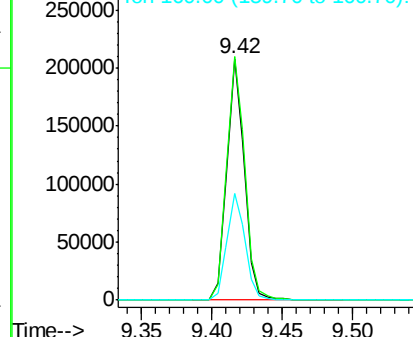
164 100

162 101.0 82.6 123.8

160 44.3 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

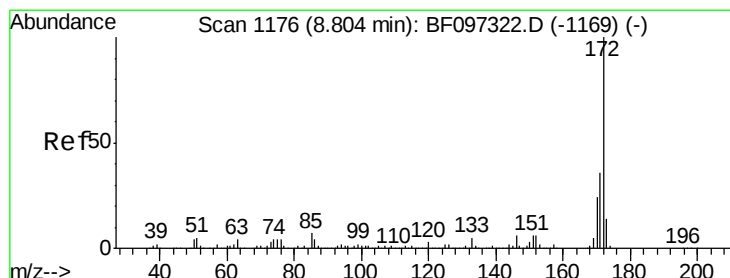
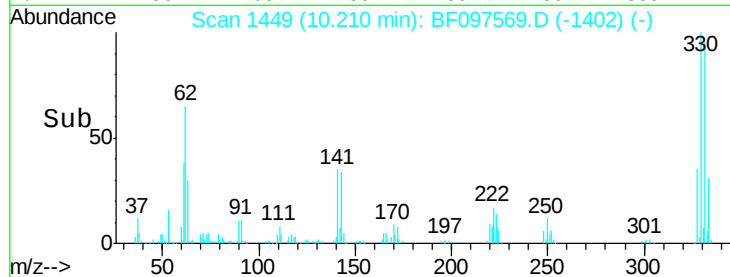
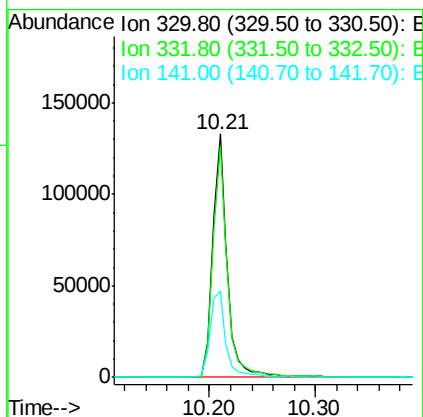
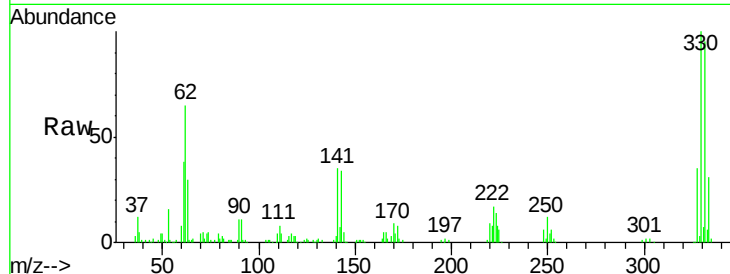




#41
 2,4,6-Tribromophenol
 Concen: 91.78 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097569.D
 Acq: 10 Aug 2017 20:27

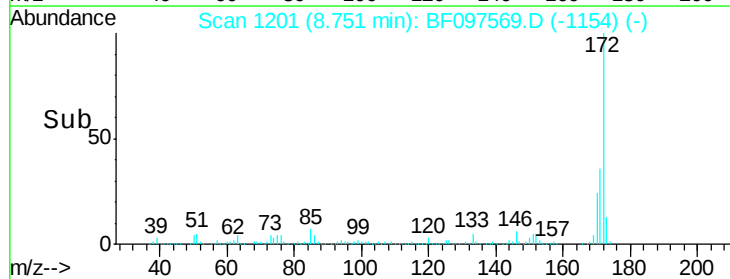
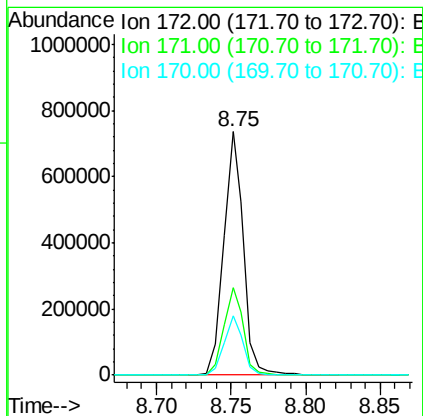
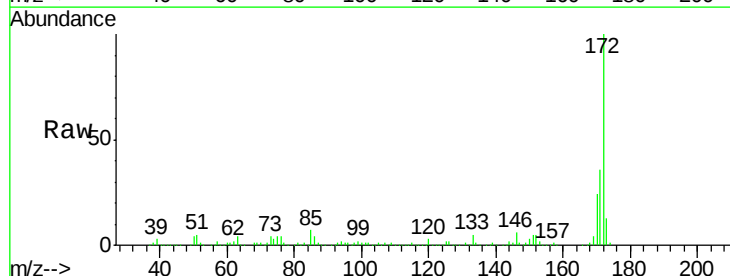
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

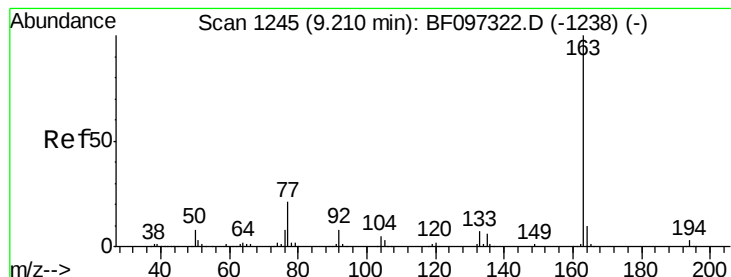
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	37.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 64.57 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097569.D
 Acq: 10 Aug 2017 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 9.66 ng

RT: 9.16 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

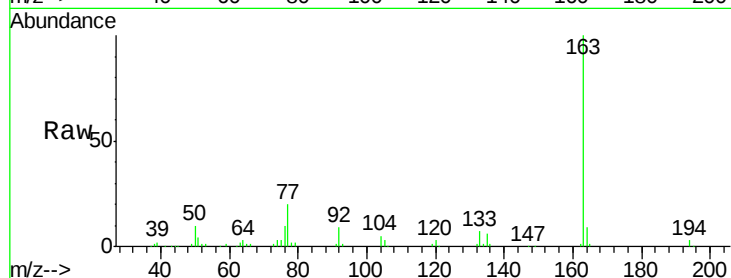
Tot Ion:163 Resp: 132063

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

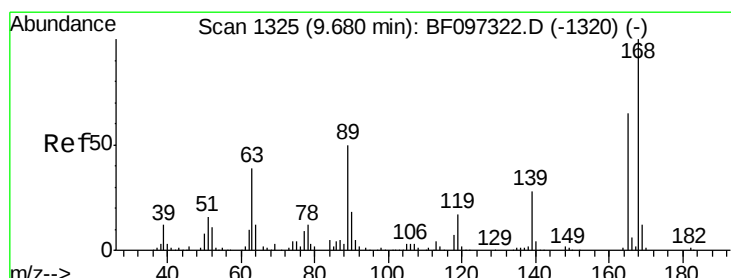
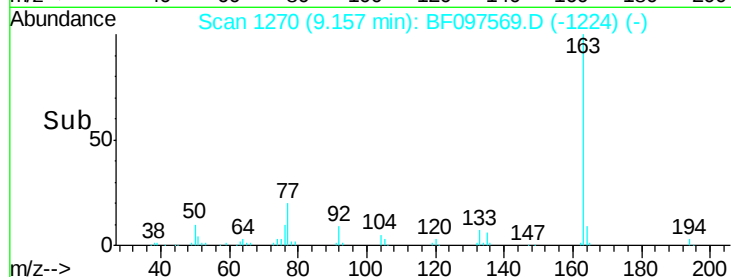
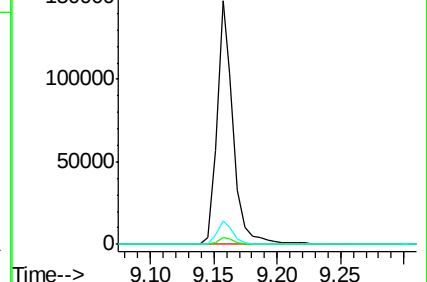
164 9.5 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.55 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.25 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Tgt Ion:165 Resp: 21831

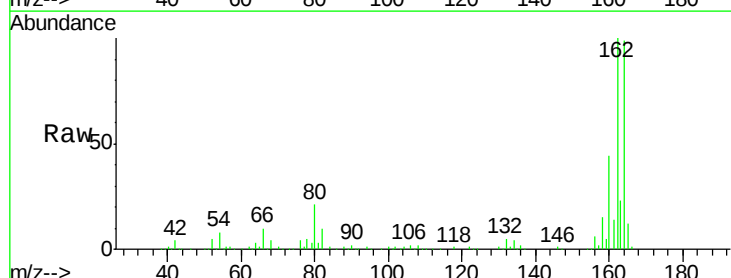
Ion Ratio Lower Upper

165 100

63 1.9 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

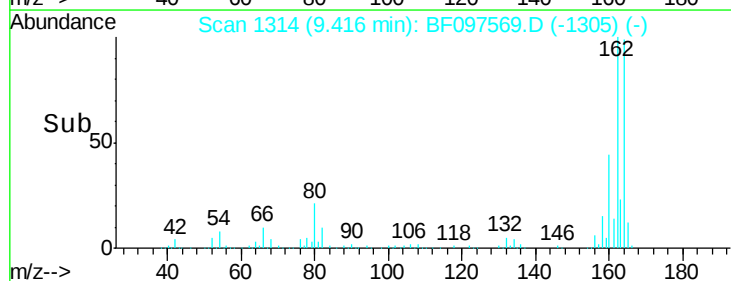
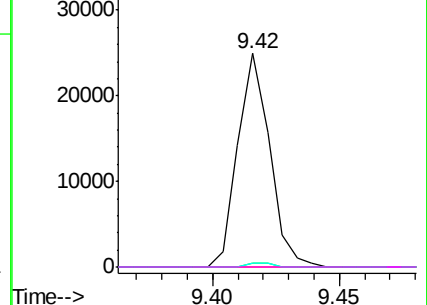


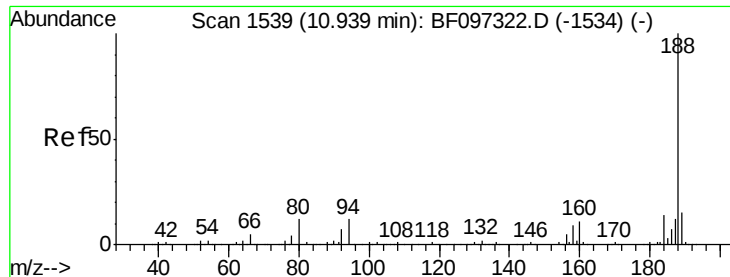
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

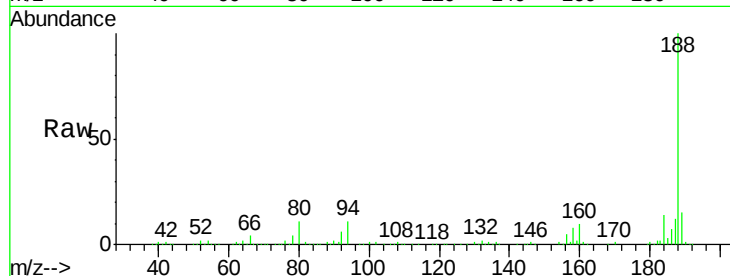




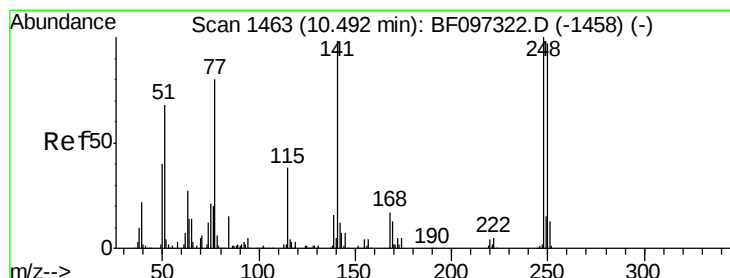
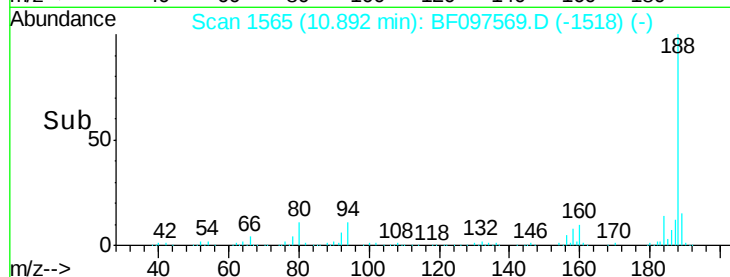
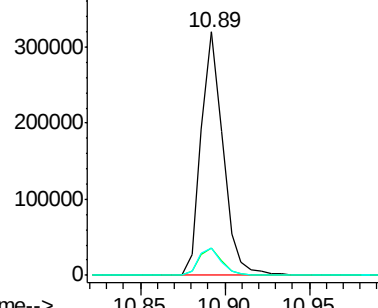
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tot Ion:188 Resp: 290205
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.2 10.2 15.2

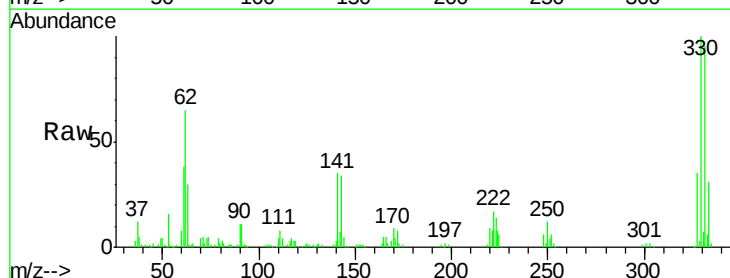


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

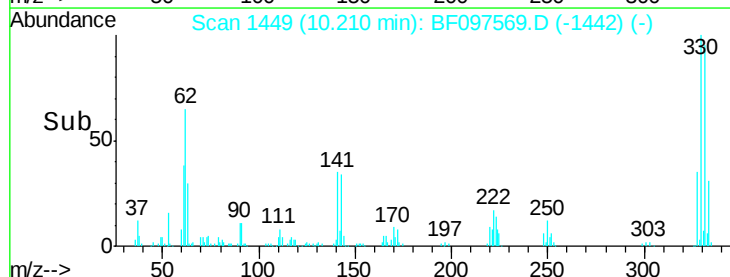
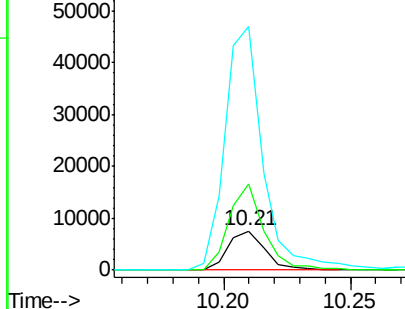


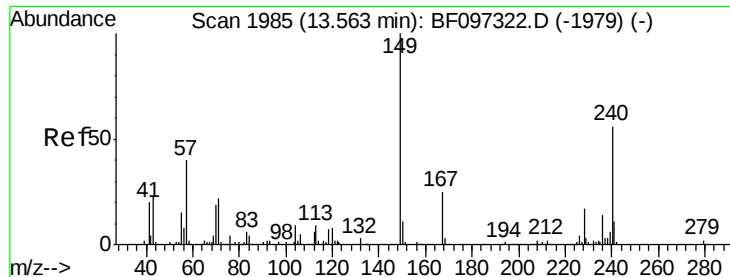
#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.26 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Tgt Ion:248 Resp: 7642
Ion Ratio Lower Upper
248 100
250 221.2 76.8 115.2#
141 627.2 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

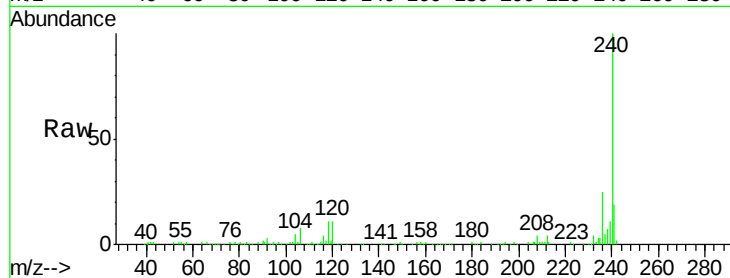
Tot Ion:240 Resp: 147781

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

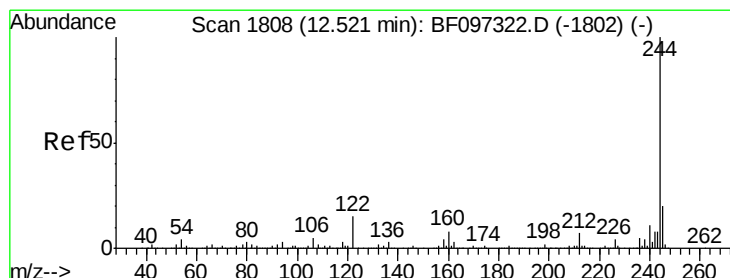
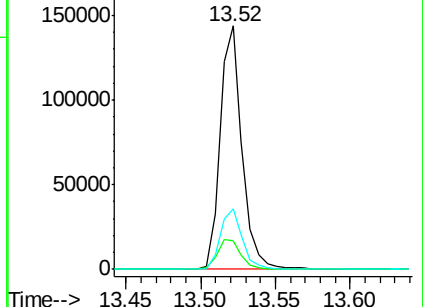
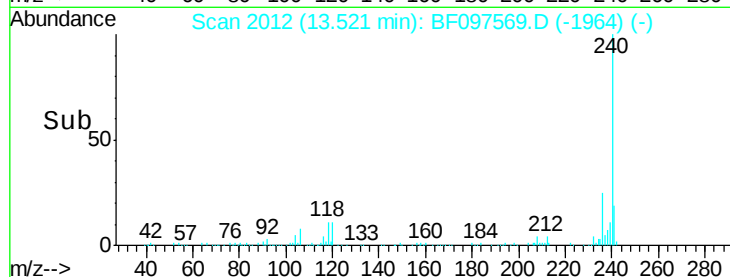
236 24.7 20.5 30.7



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: 50.52 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

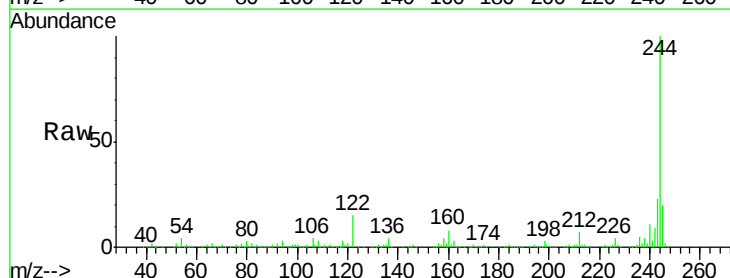
Tgt Ion:244 Resp: 366196

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

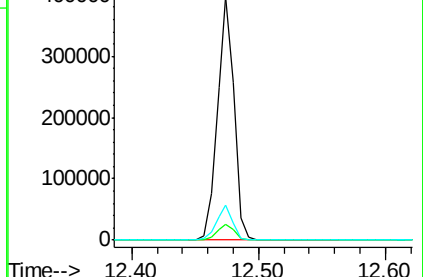
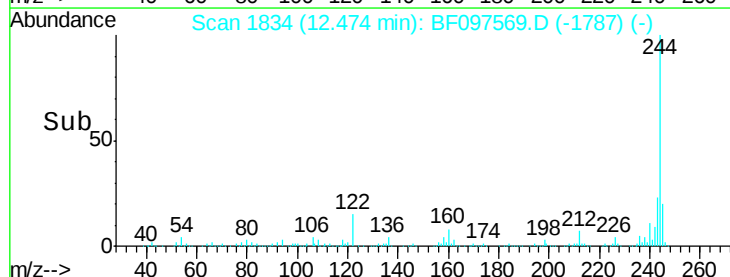
122 14.5 10.3 15.5

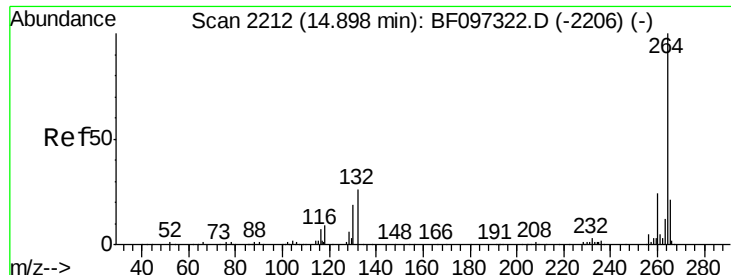


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

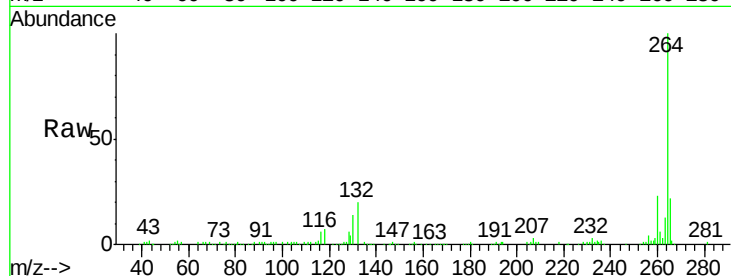




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.9	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

