

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097542.D
 Acq On : 10 Aug 2017 3:35
 Operator : SJ/JU
 Sample : I4646-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

Quant Time: Aug 10 07:43:32 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

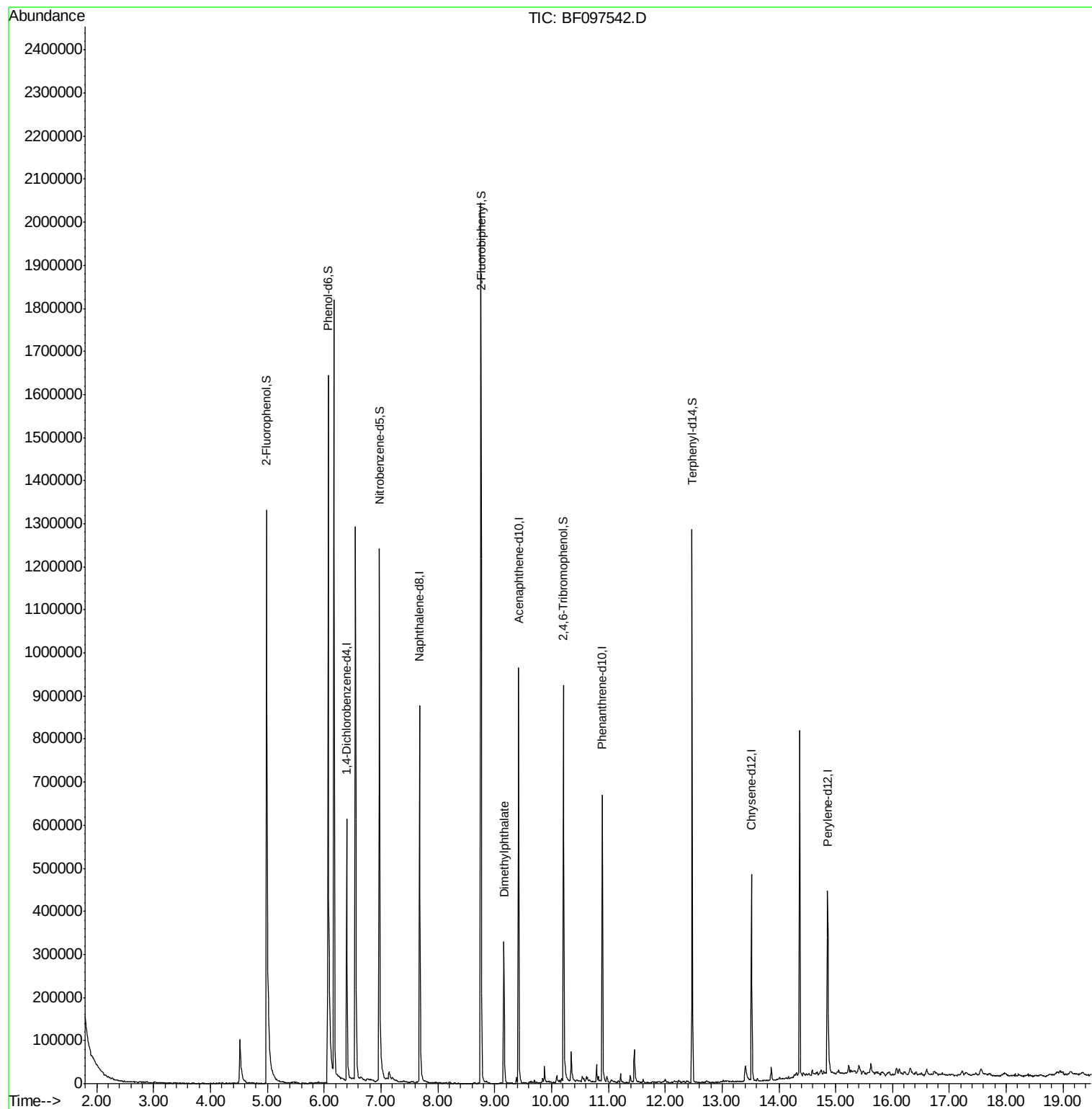
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	105917	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	428910	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186753	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	262009	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	174036	20.00	ng	-0.02
86) Perylene-d12	14.86	264	171983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	555834	79.11	ng	-0.02
7) Phenol-d6	6.07	99	661093	82.42	ng	-0.02
23) Nitrobenzene-d5	6.97	82	396269	54.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	101290	68.65	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	624087	56.71	ng	-0.02
78) Terphenyl-d14	12.47	244	367286	43.03	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	138989	9.801	ng	Qvalue 98

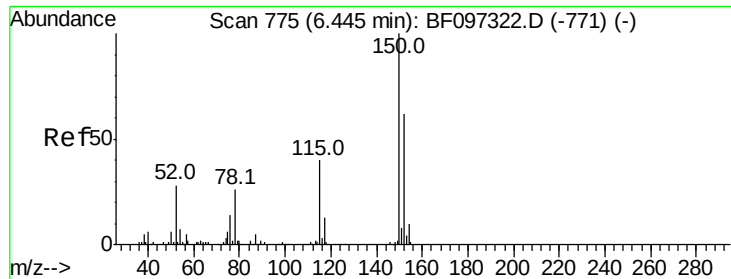
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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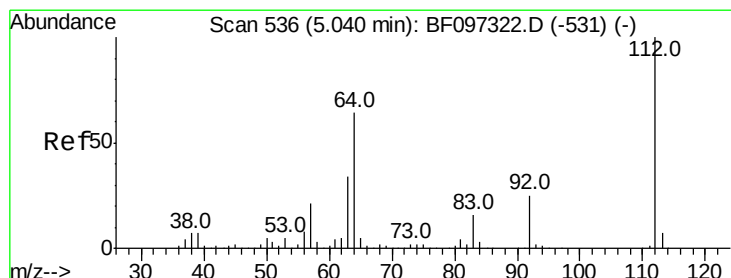
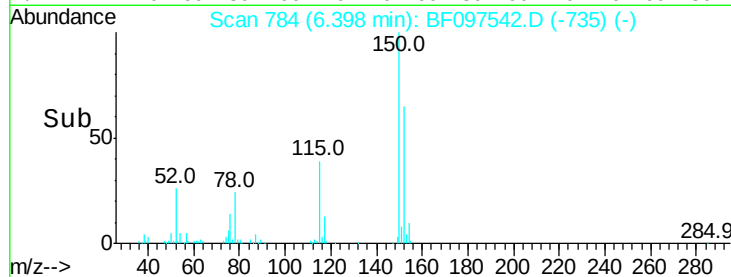
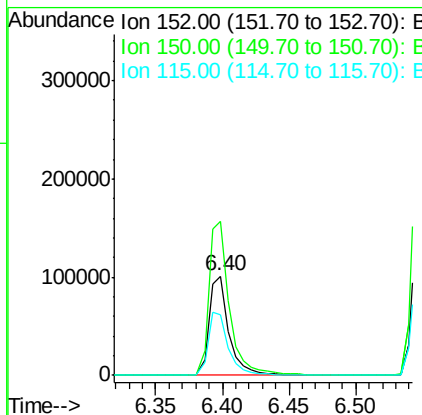
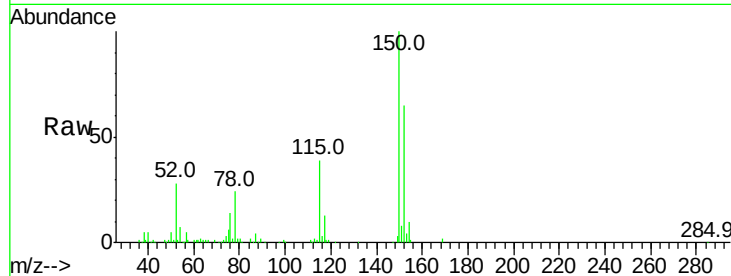


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

Instrument :
BNA_F
ClientSampleId :
E2-M10-BASE

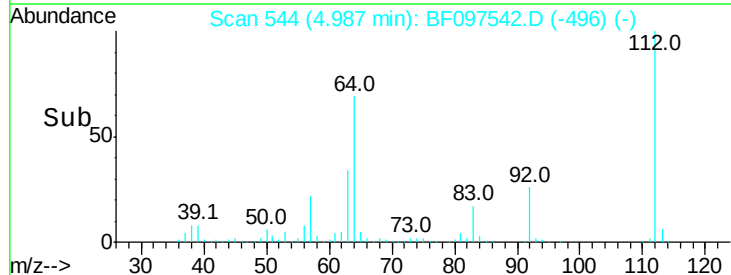
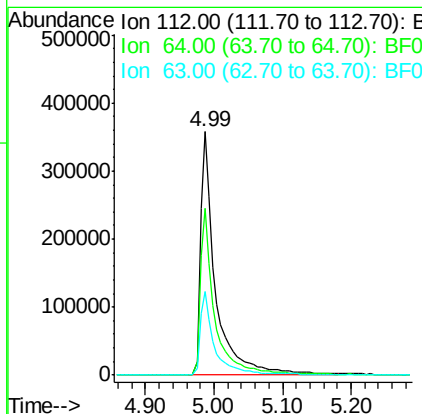
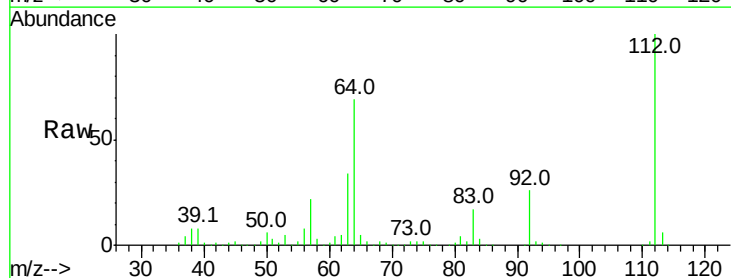
Tot Ion:152 Resp: 105917
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.0 52.2 78.2

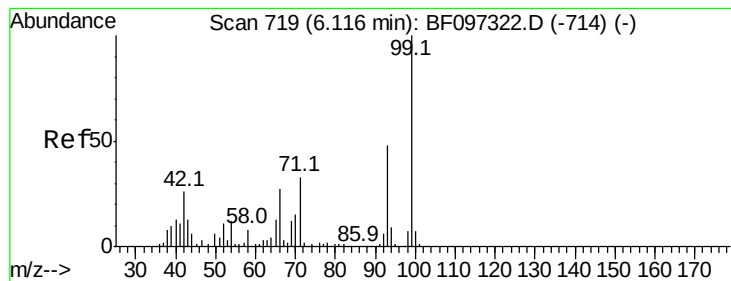


#5

2-Fluorophenol
Concen: 79.110 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

Tgt Ion:112 Resp: 555834
Ion Ratio Lower Upper
112 100
64 68.6 46.0 69.0
63 34.1 23.4 35.0





#7

Phenol-d6

Concen: 82.419 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

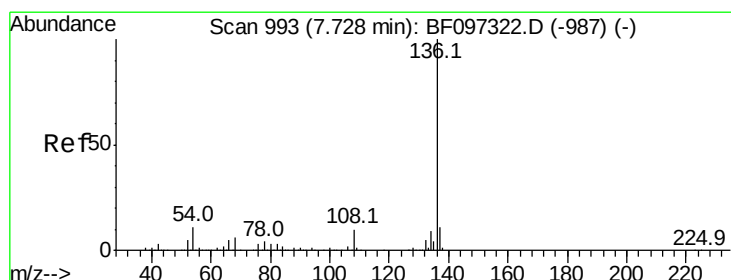
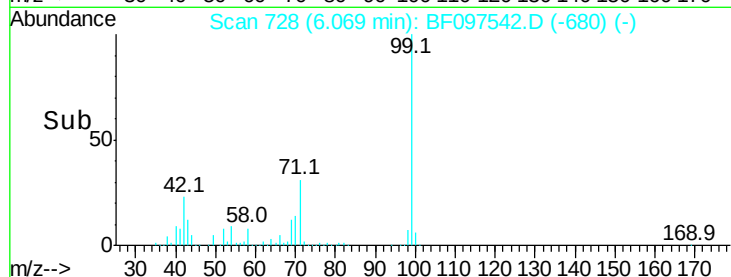
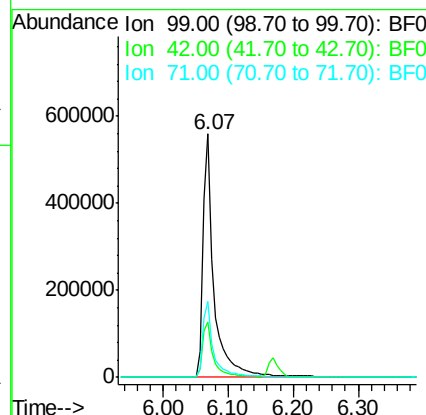
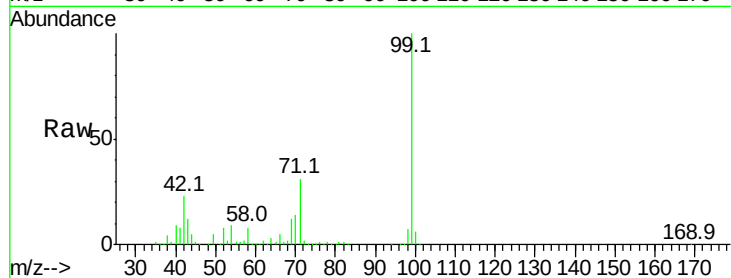
Tot Ion: 99 Resp: 661093

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

71 31.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Tgt Ion: 136 Resp: 428910

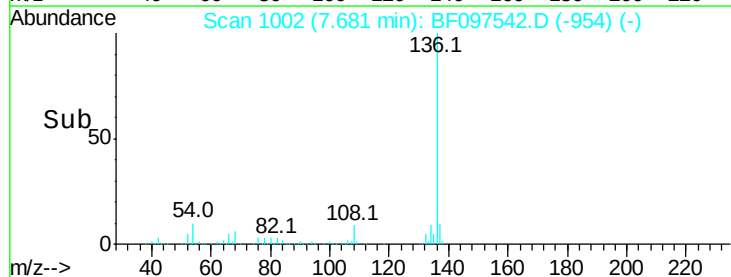
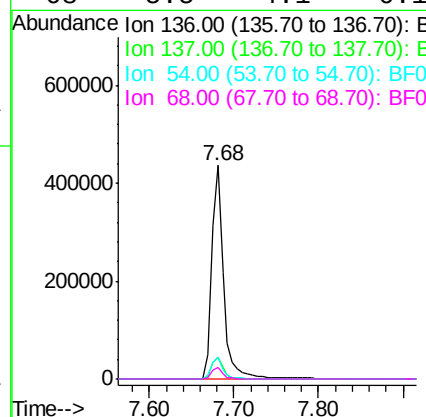
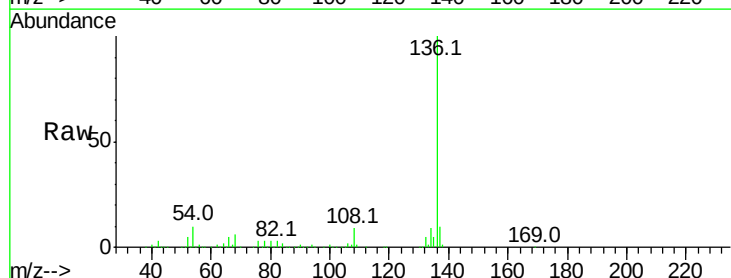
Ion Ratio Lower Upper

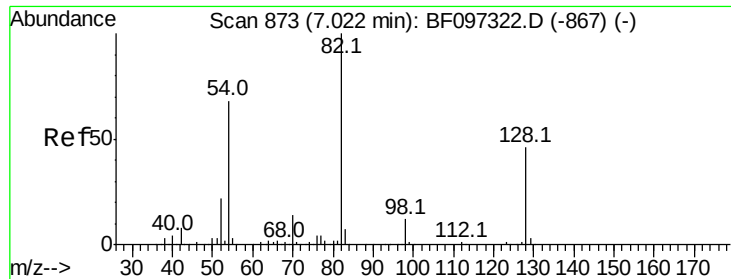
136 100

137 10.3 8.5 12.7

54 10.4 4.9 7.3#

68 5.5 4.1 6.1

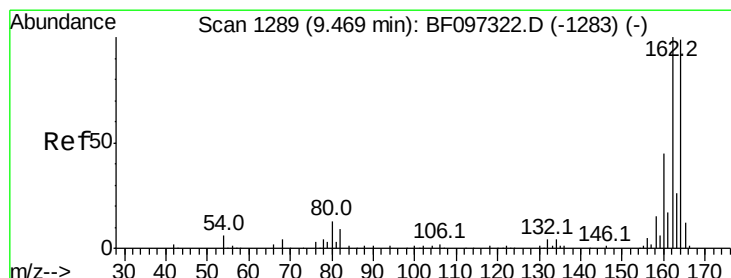
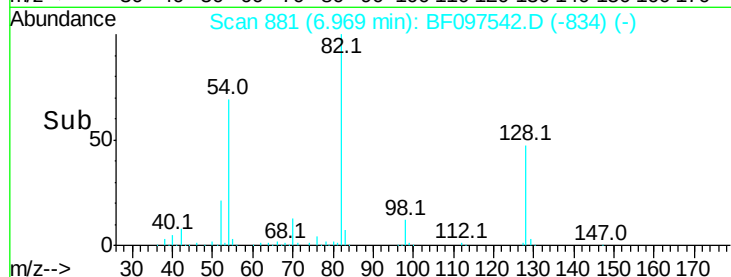
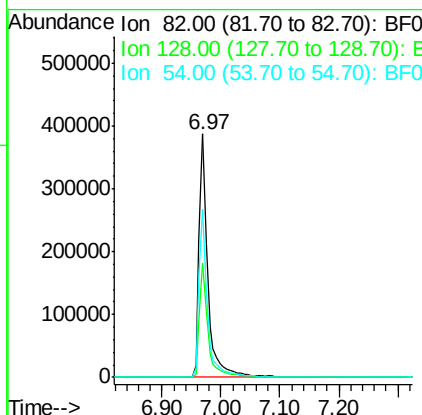
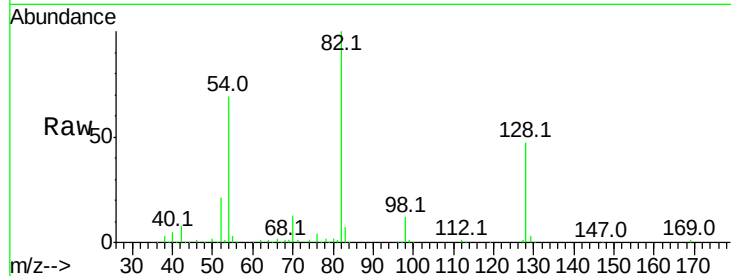




#23
 Nitrobenzene-d5
 Concen: 54.200 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

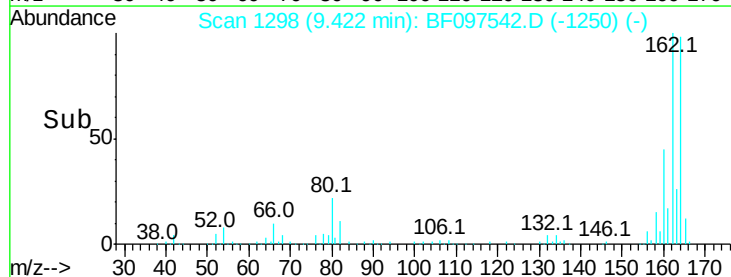
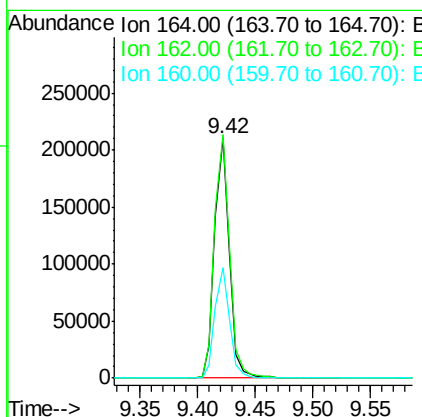
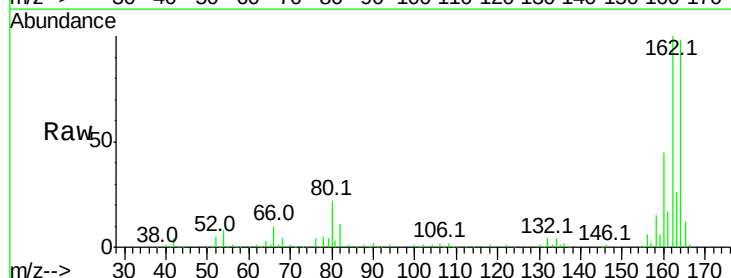
Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

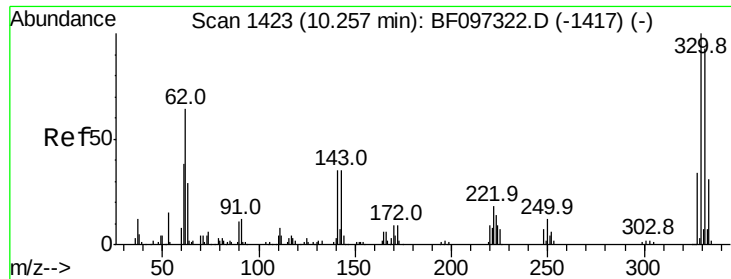
Tot Ion: 82 Resp: 396269
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 69.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Tgt Ion: 164 Resp: 186753
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 46.0 36.2 54.2

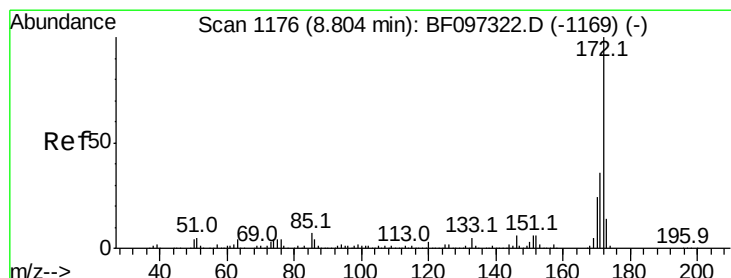
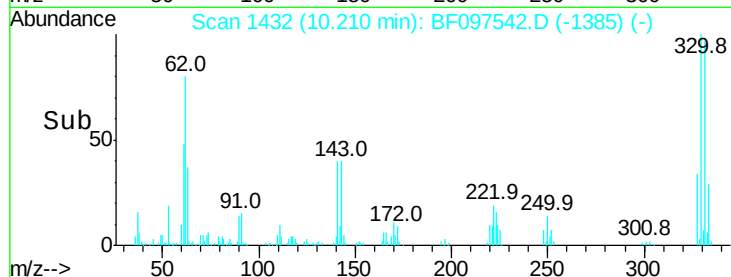
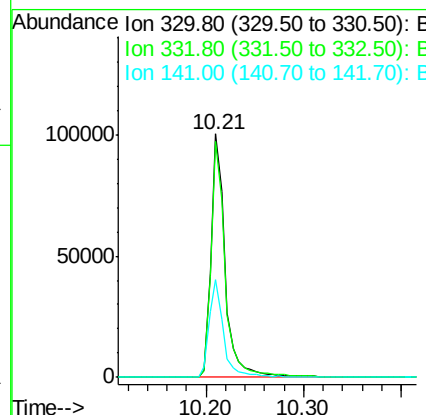
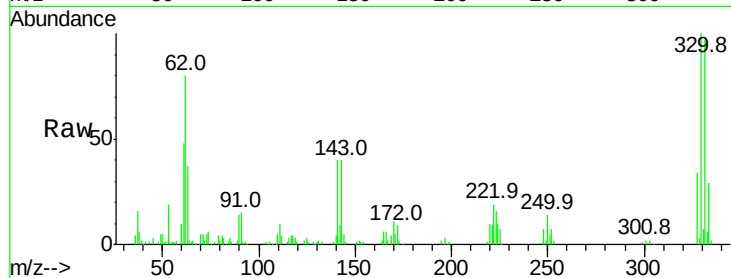




#41
 2,4,6-Tribromophenol
 Concen: 68.647 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

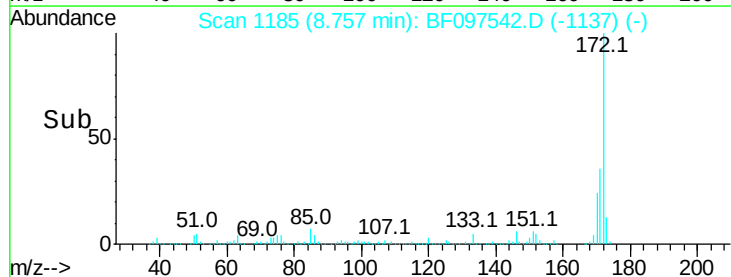
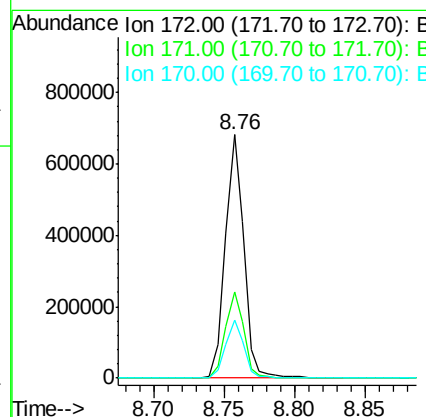
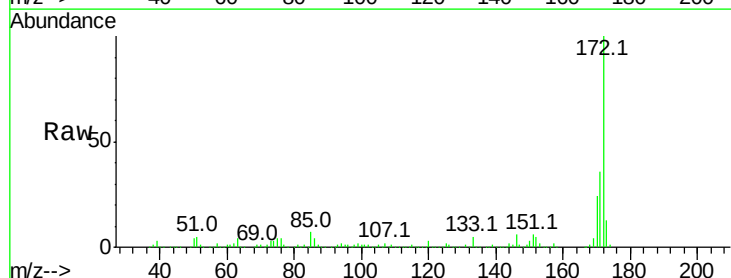
Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

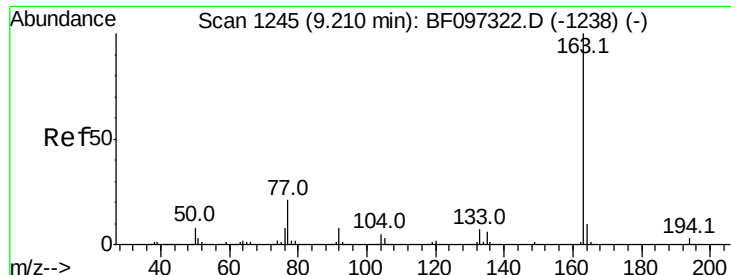
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 56.713 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	19.8	29.8

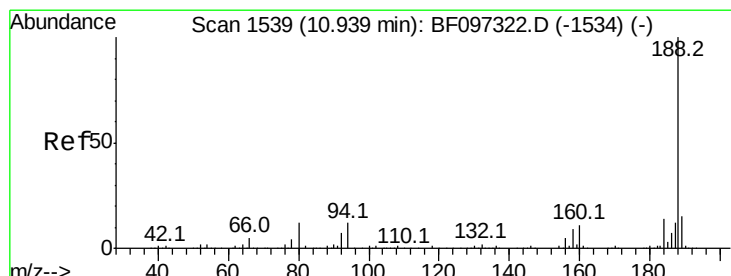
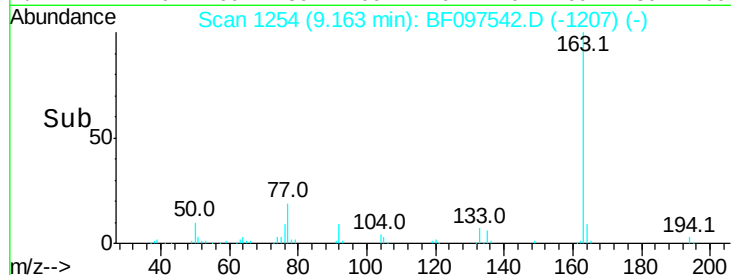
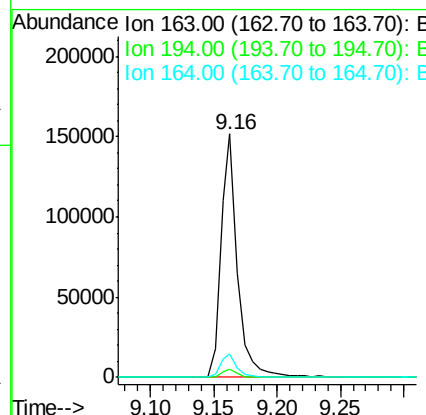
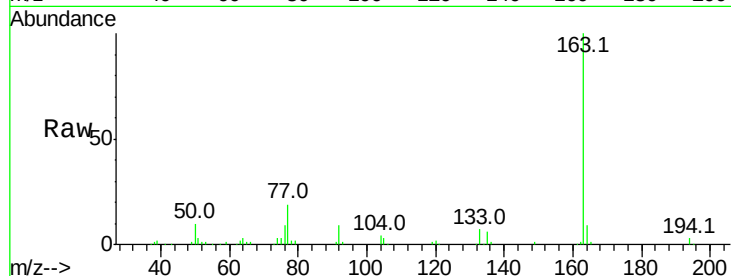




#49
Dimethylphthalate
Concen: 9.801 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

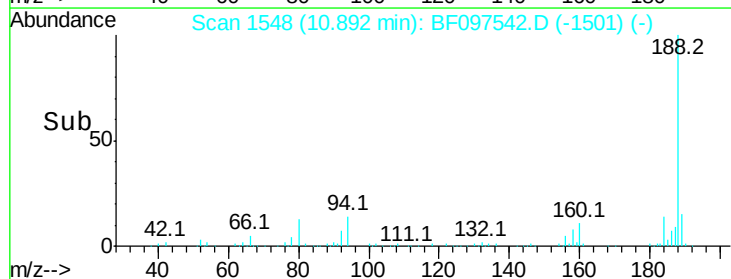
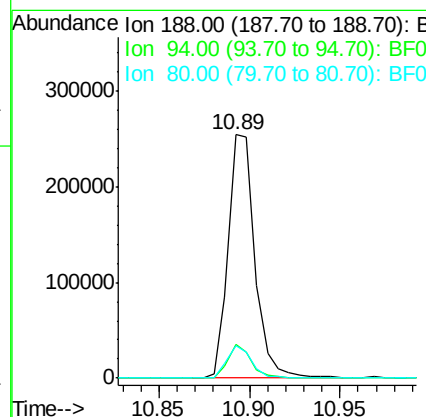
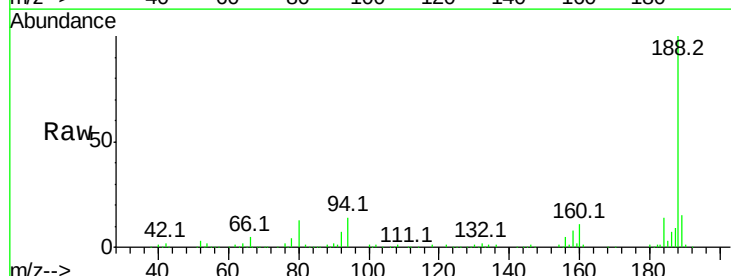
Instrument :
BNA_F
ClientSampleId :
E2-M10-BASE

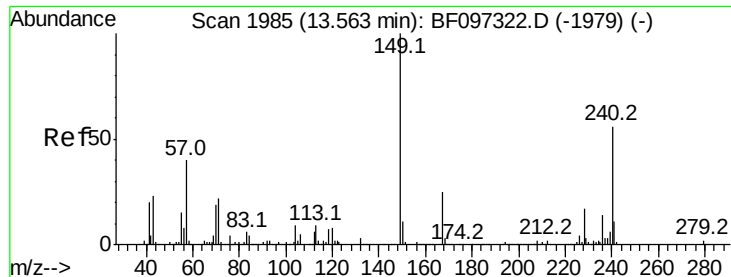
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.4	12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	9.4	14.2
80	13.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

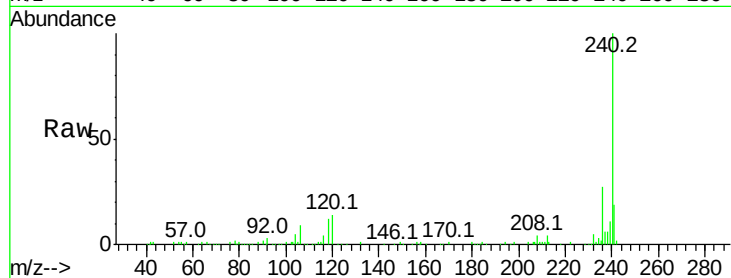
Tot Ion:240 Resp: 174036

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

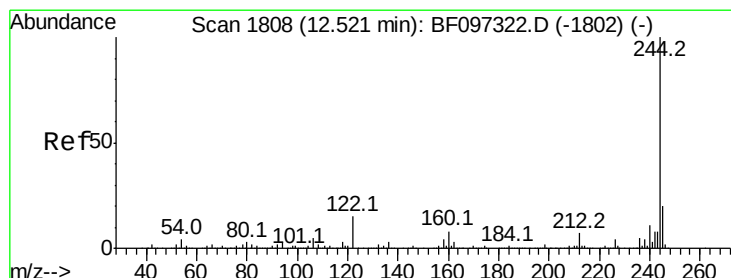
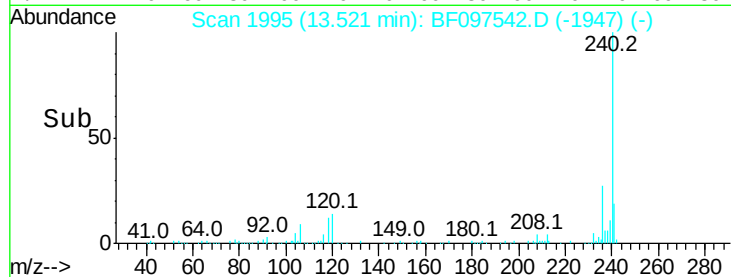
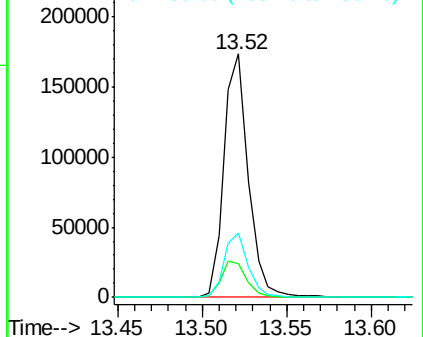
236 26.6 20.5 30.7



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: 43.028 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

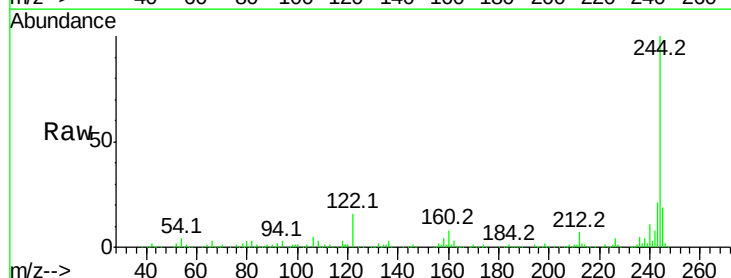
Tgt Ion:244 Resp: 367286

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

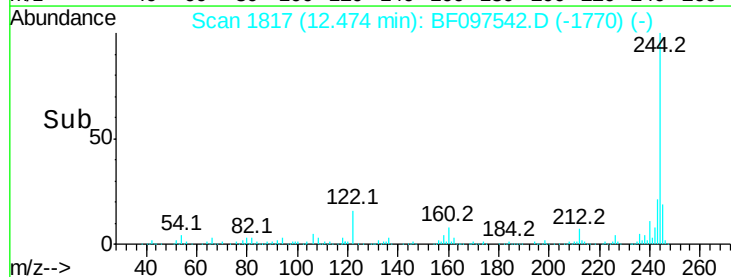
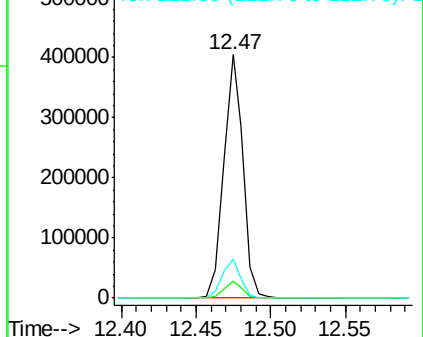
122 15.8 10.3 15.5#

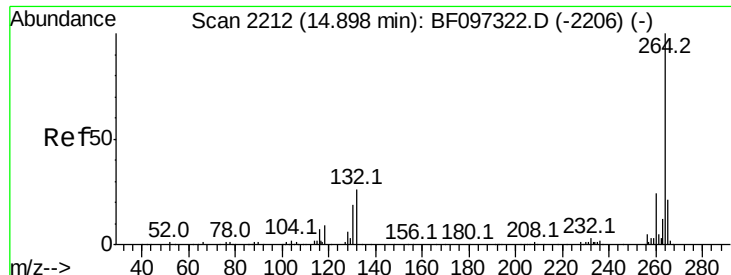


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

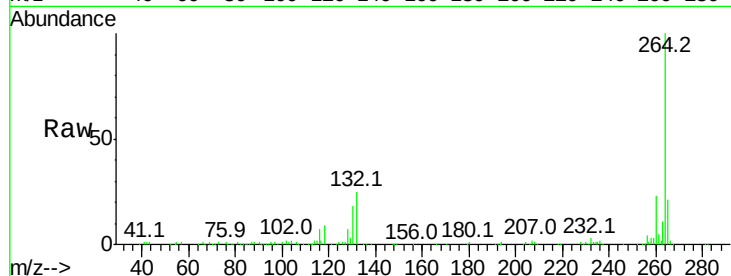




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

Instrument :
BNA_F
ClientSampleId :
E2-M10-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.0	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

