

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097327.D
 Acq On : 3 Aug 2017 20:07
 Operator : SJ/JU
 Sample : I4542-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Quant Time: Aug 04 01:46:03 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

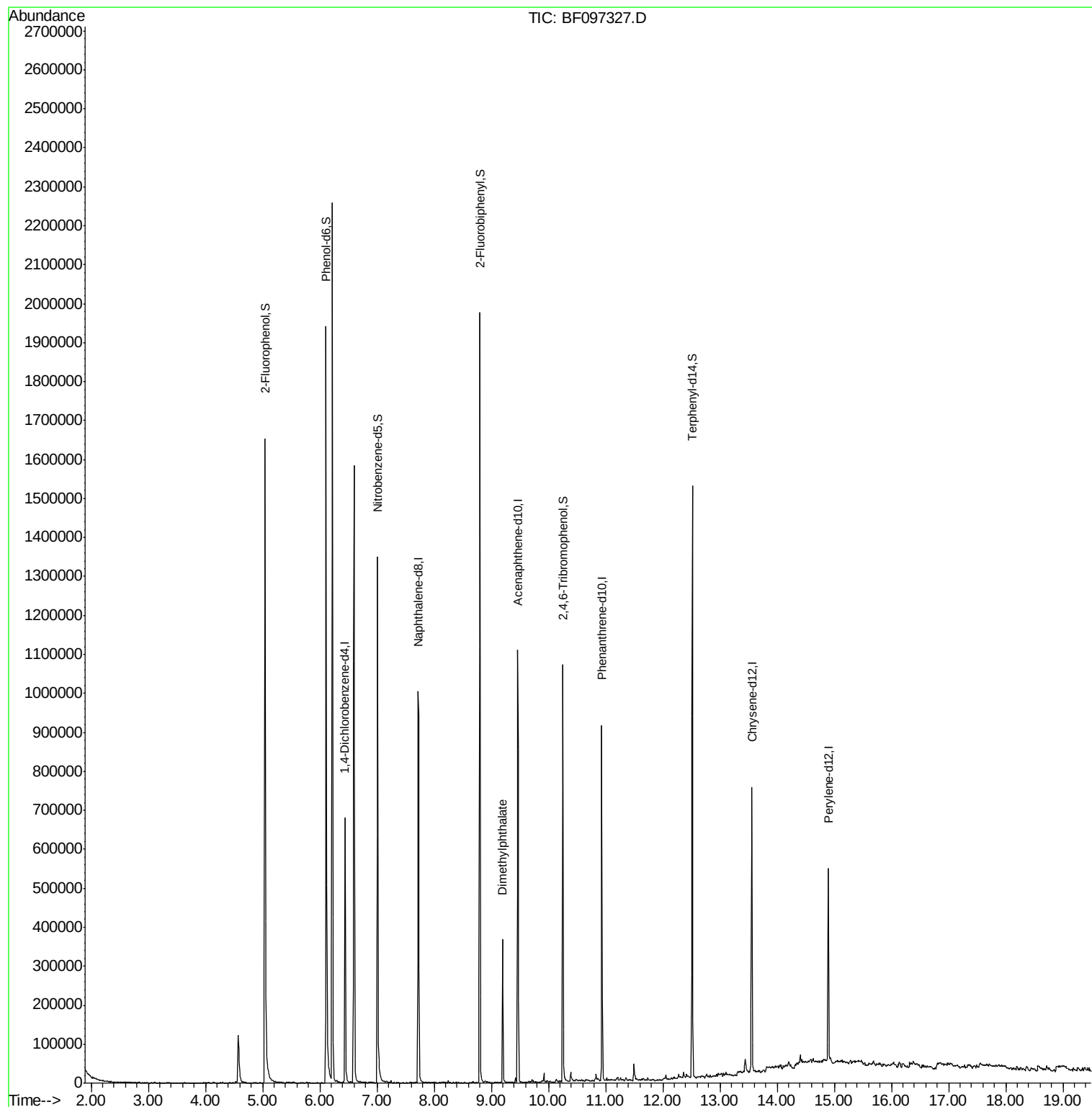
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	108933	20.00	ng	-0.05
21) Naphthalene-d8	7.72	136	473374	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	207843	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	319195	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	235323	20.00	ng	-0.07
86) Perylene-d12	14.90	264	194852	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	536092	74.19	ng	-0.06
7) Phenol-d6	6.11	99	714364	86.60	ng	-0.06
23) Nitrobenzene-d5	7.01	82	441456	54.71	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	115263	70.19	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	604843	49.39	ng	-0.07
78) Terphenyl-d14	12.52	244	434866	37.68	ng	-0.07
Target Compounds						
49) Dimethylphthalate	9.20	163	136929	8.676	ng	Qvalue 99

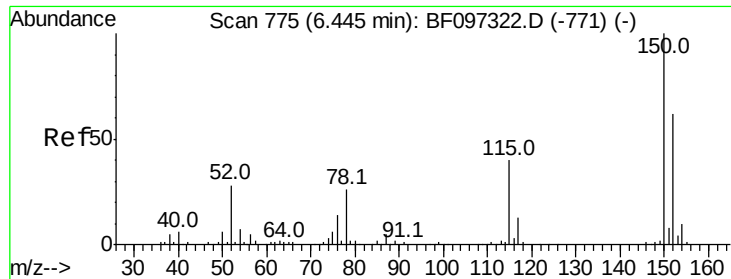
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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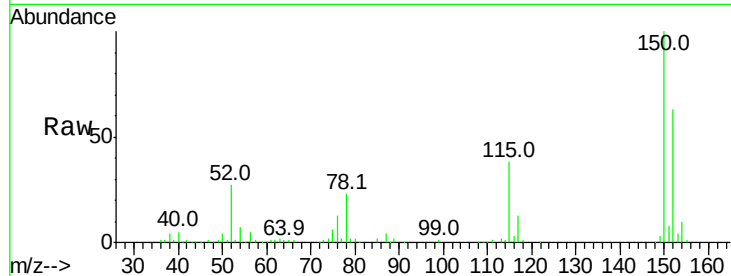


#1

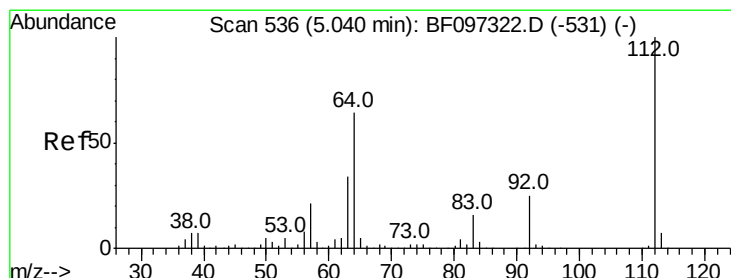
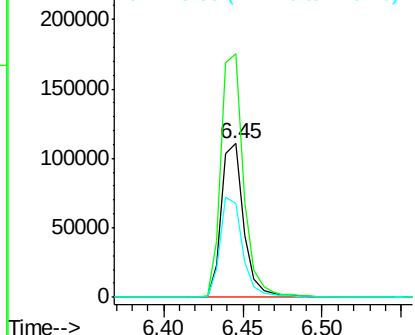
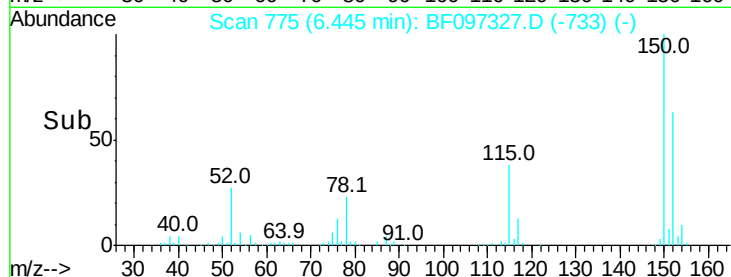
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Instrument :
BNA_F
ClientSampleId :
A4129

Tot Ion:152 Resp: 108933
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 60.7 52.2 78.2



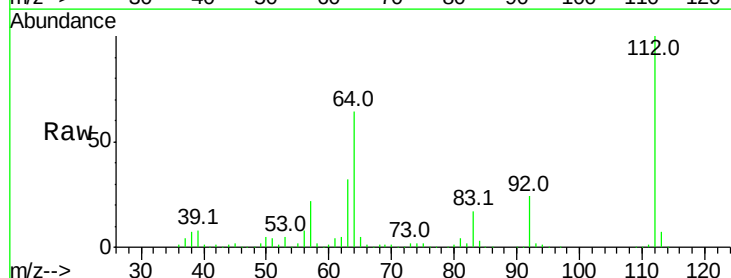
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



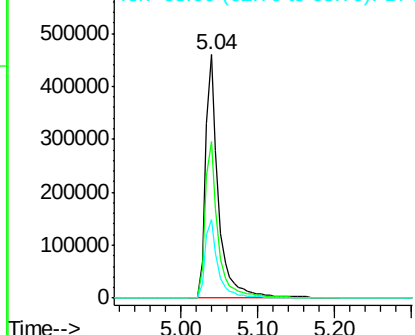
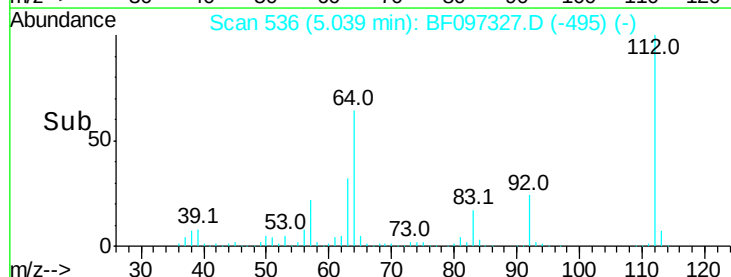
#5

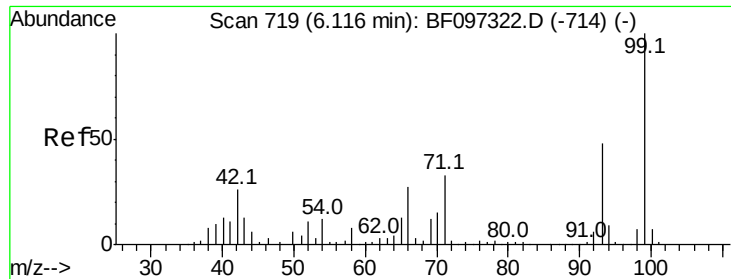
2-Fluorophenol
Concen: 74.188 ng
RT: 5.04 min Scan# 536
Delta R.T. -0.06 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Tgt Ion:112 Resp: 536092
Ion Ratio Lower Upper
112 100
64 64.1 46.0 69.0
63 32.2 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: 86.595 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

A4129

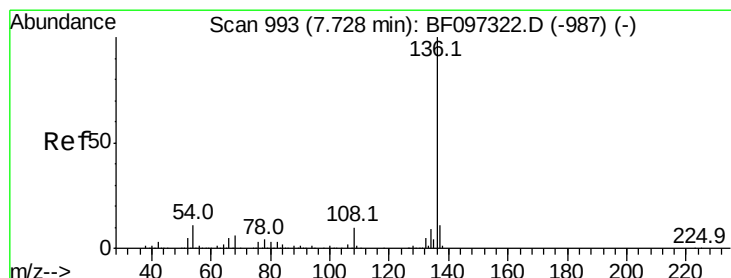
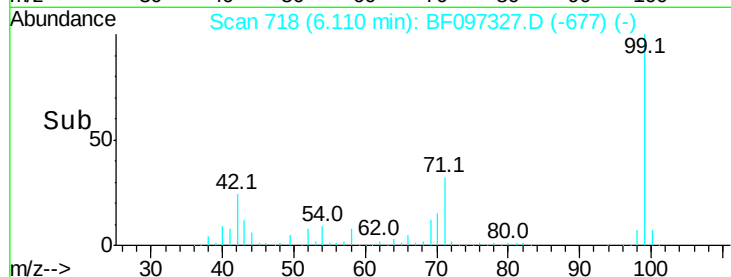
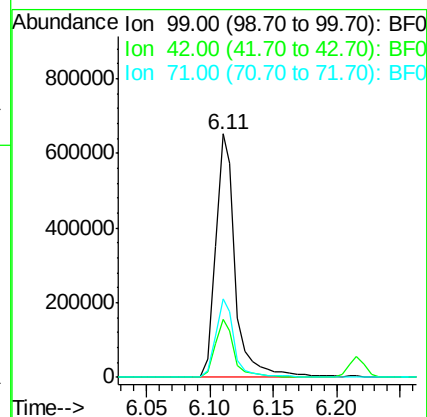
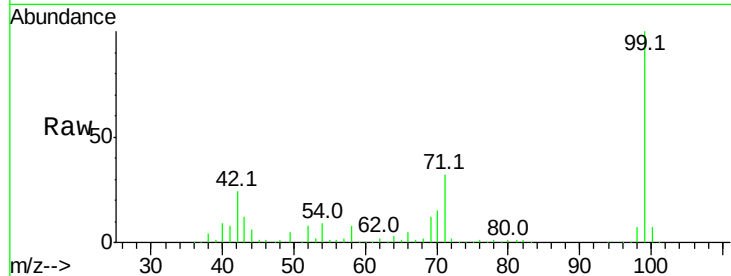
Tot Ion: 99 Resp: 714364

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

71 32.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 992

Delta R.T. -0.06 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Tgt Ion: 136 Resp: 473374

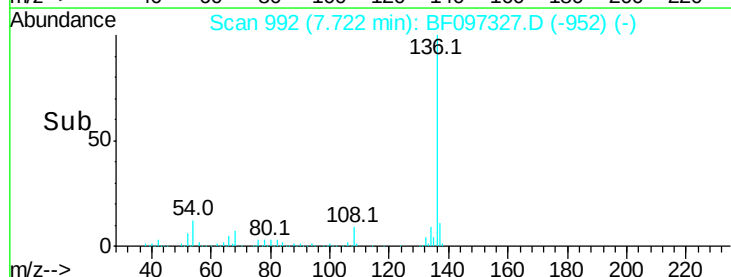
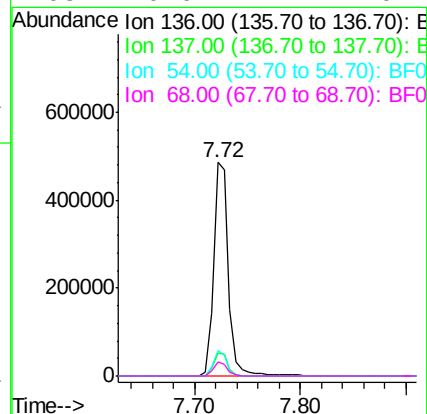
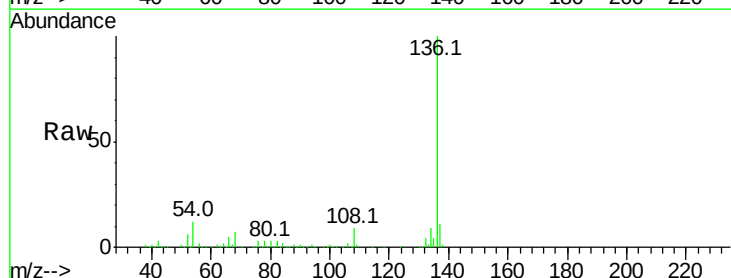
Ion Ratio Lower Upper

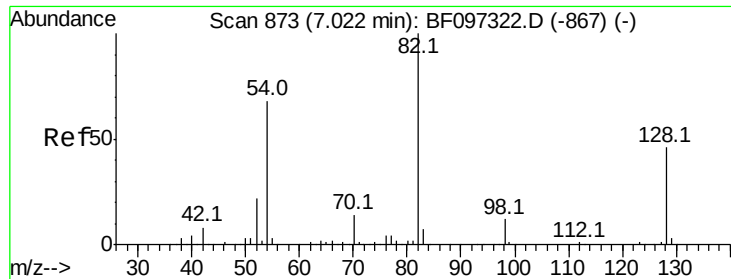
136 100

137 10.8 8.5 12.7

54 11.9 4.9 7.3#

68 6.6 4.1 6.1#

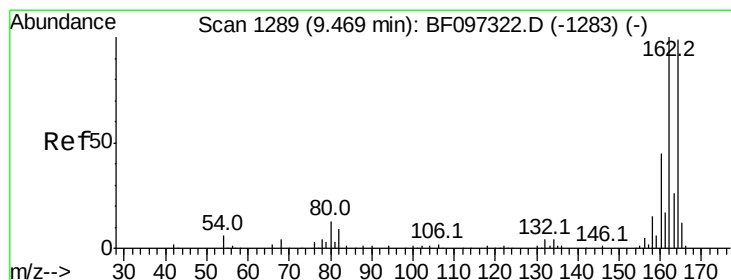
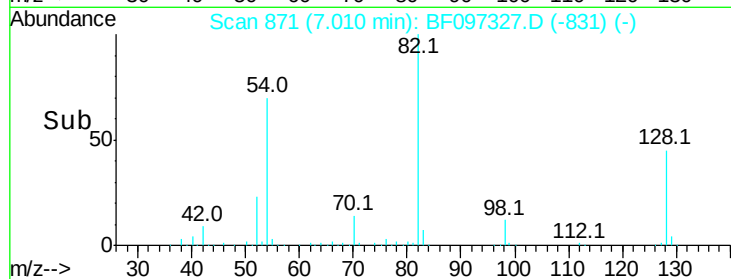
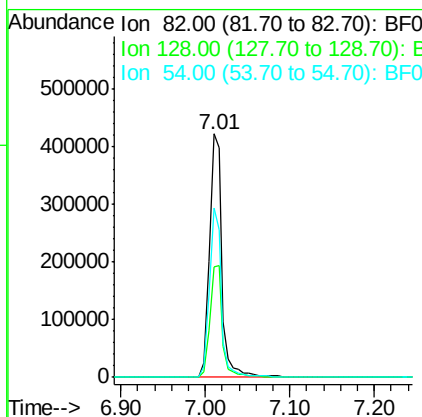
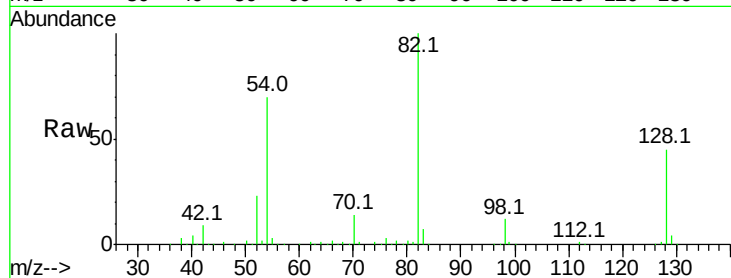




#23
 Nitrobenzene-d5
 Concen: 54.708 ng
 RT: 7.01 min Scan# 871
 Delta R.T. -0.06 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

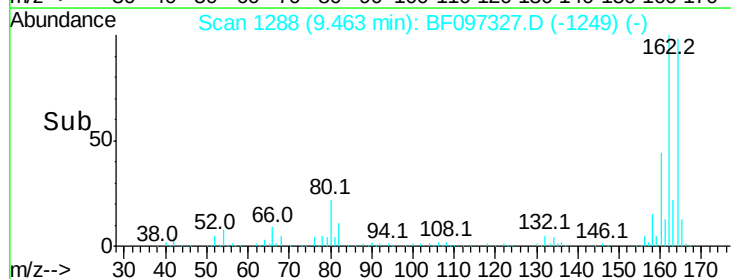
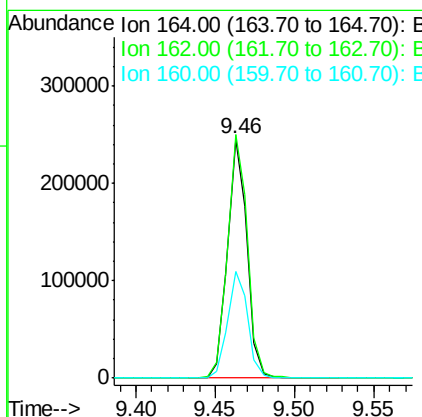
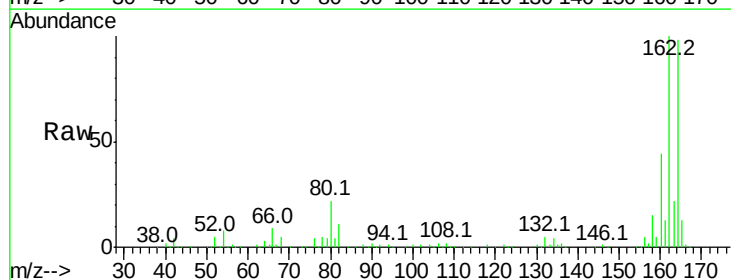
Instrument :
 BNA_F
 ClientSampleId :
 A4129

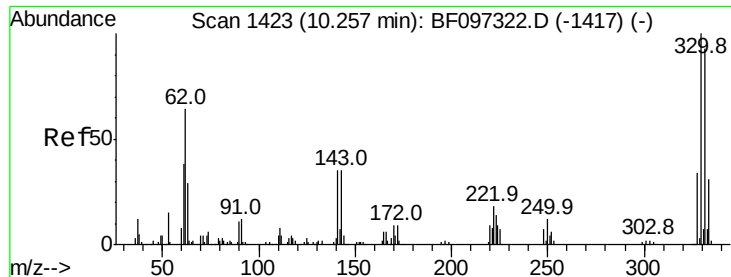
Tot Ion: 82 Resp: 441456
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 69.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1288
 Delta R.T. -0.07 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Tgt Ion:164 Resp: 207843
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 44.6 36.2 54.2

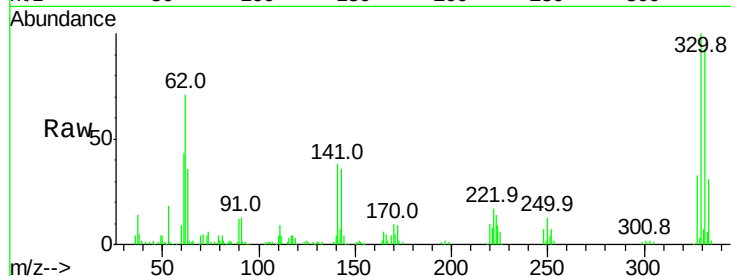




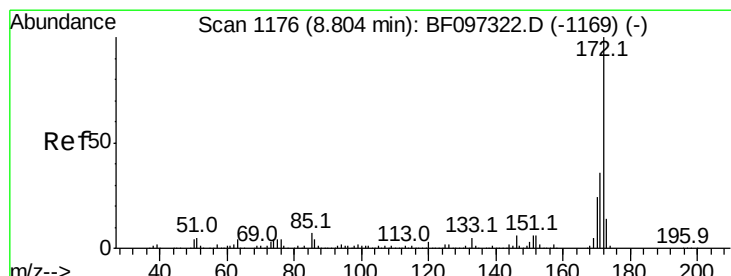
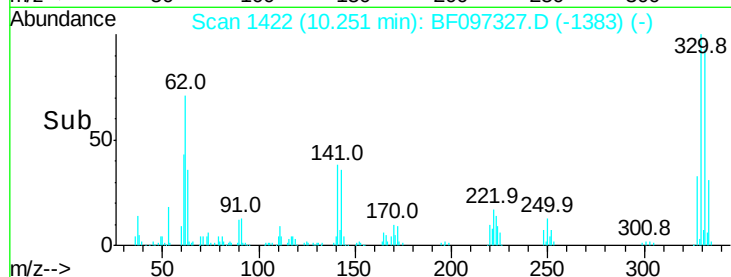
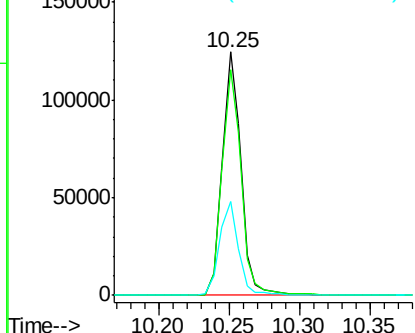
#41
 2,4,6-Tribromophenol
 Concen: 70.190 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.07 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	39.7	31.4	47.2

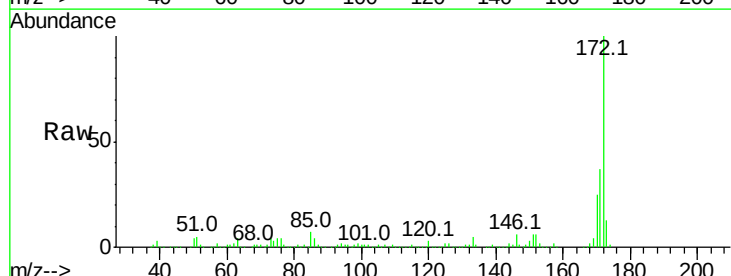


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

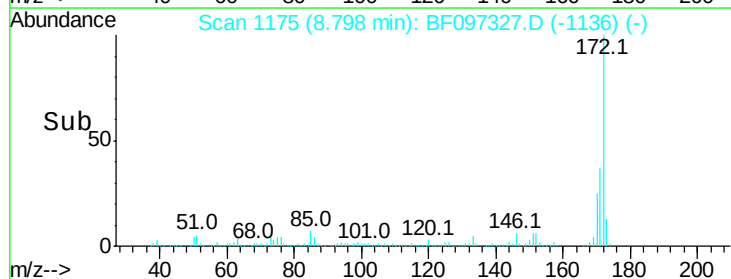
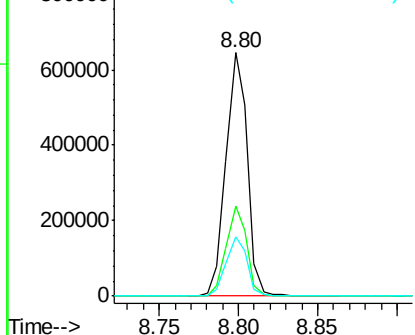


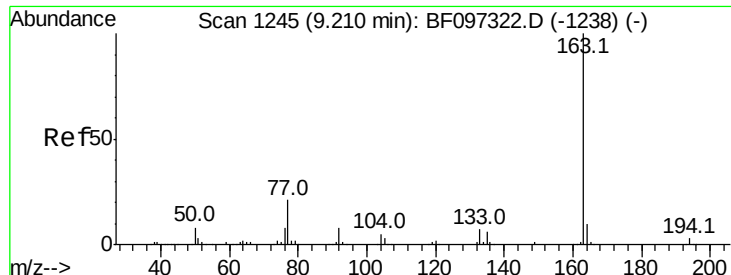
#44
 2-Fluorobiphenyl
 Concen: 49.387 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.07 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.5	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

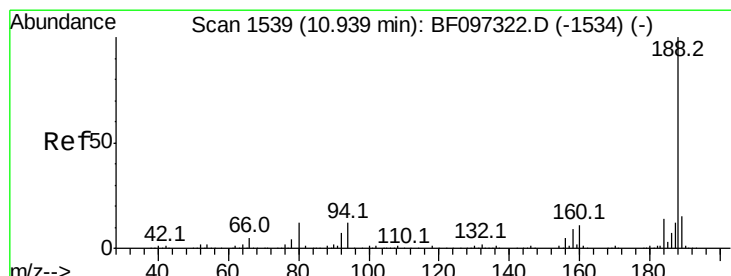
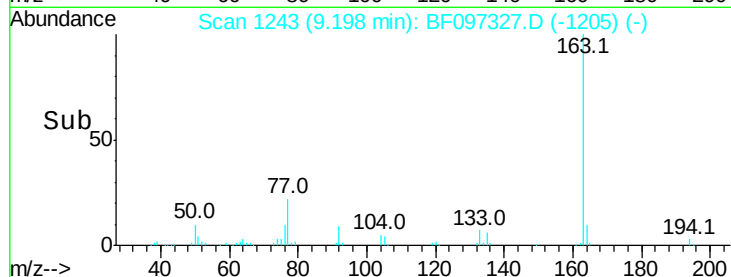
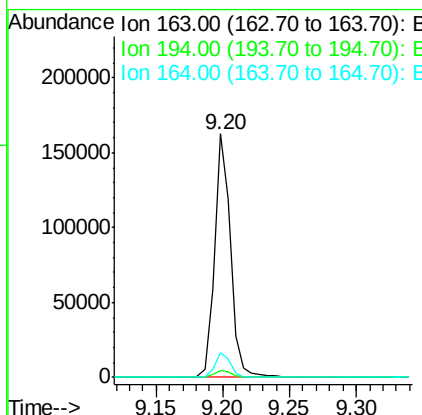
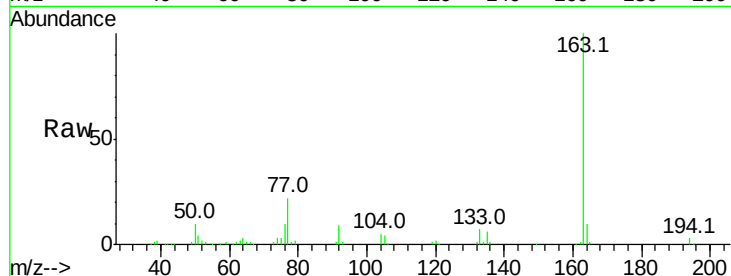




#49
Dimethylphthalate
Concen: 8.676 ng
RT: 9.20 min Scan# 1243
Delta R.T. -0.08 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

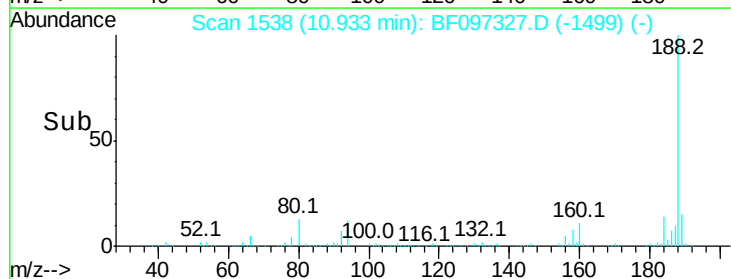
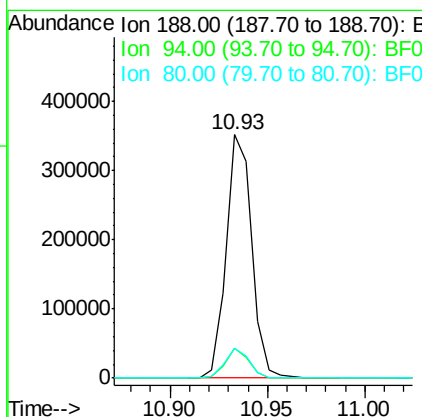
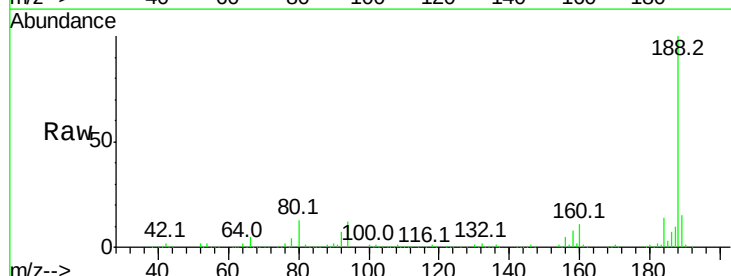
Instrument :
BNA_F
ClientSampleId :
A4129

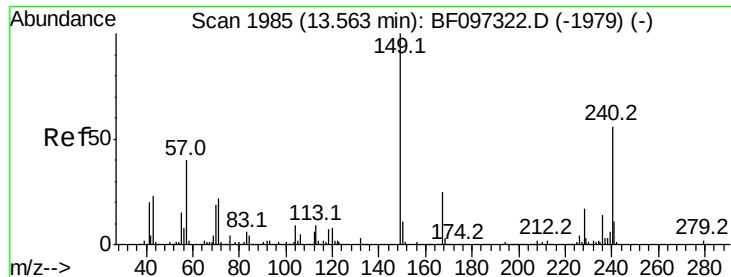
Tot Ion:163 Resp: 136929
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1538
Delta R.T. -0.07 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Tgt Ion:188 Resp: 319195
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1984

Delta R.T. -0.07 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

A4129

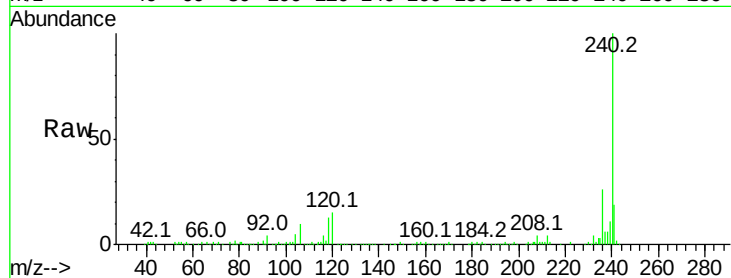
Tot Ion:240 Resp: 235323

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

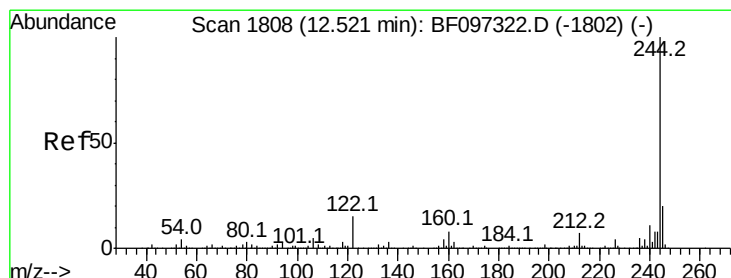
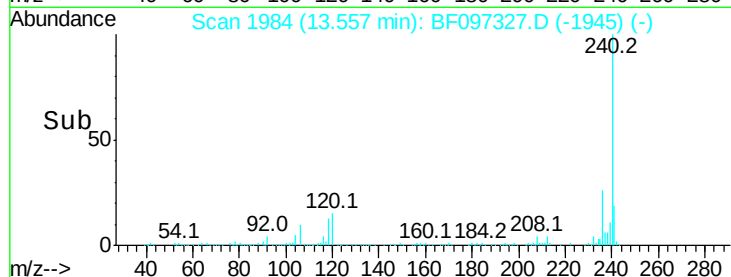
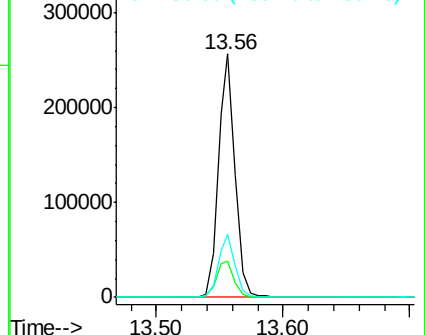
236 26.2 20.5 30.7



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: 37.677 ng

RT: 12.52 min Scan# 1807

Delta R.T. -0.07 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

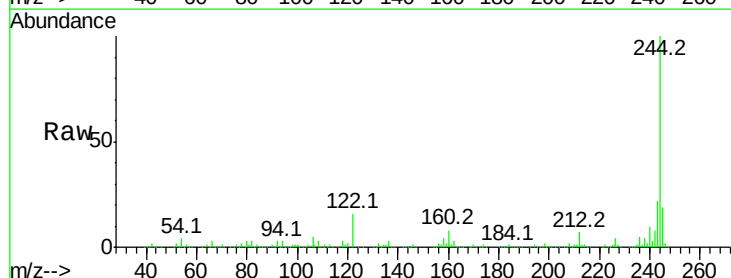
Tgt Ion:244 Resp: 434866

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

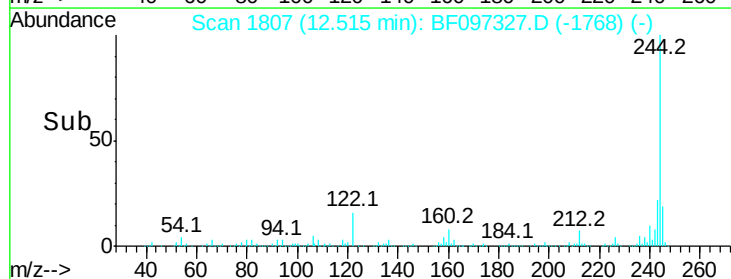
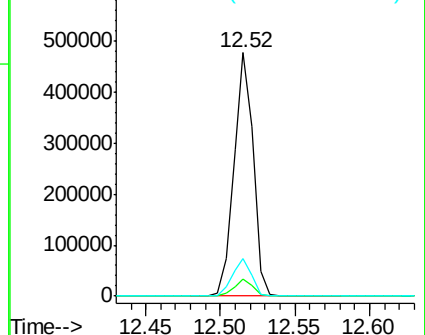
122 15.5 10.3 15.5#

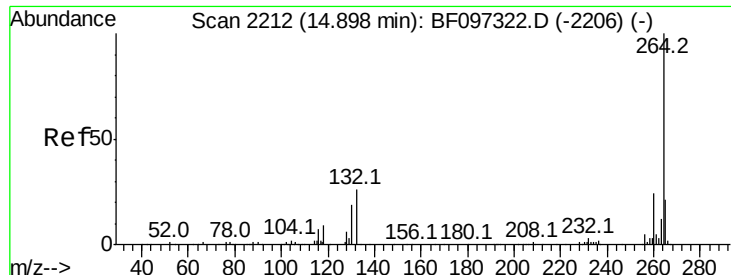


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

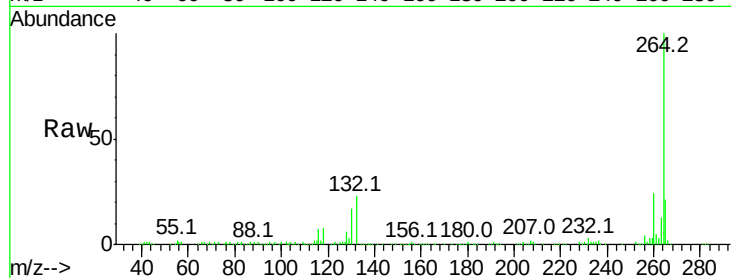




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.90 min Scan# 2212
Delta R.T. -0.08 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Instrument :
BNA_F
ClientSampleId :
A4129

Tot Ion:	264	Resp:	194852
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.9	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

