

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097846.D
 Acq On : 18 Aug 2017 21:31
 Operator : SJ/JU
 Sample : I4811-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24

Quant Time: Aug 19 01:15:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

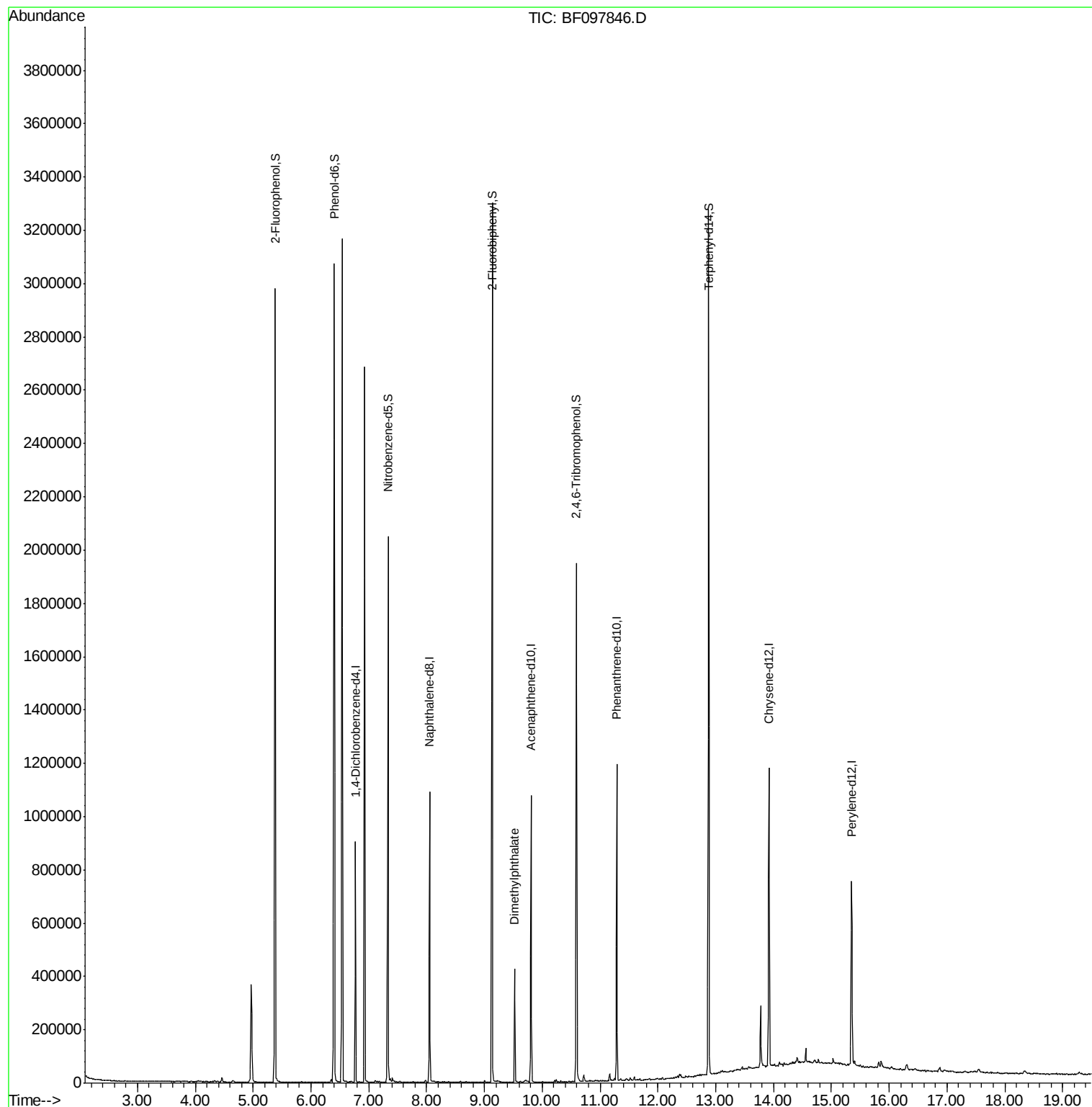
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110739	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	446989	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	200664	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	398772	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	359215	20.00	ng	-0.02
86) Perylene-d12	15.35	264	291477	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	875785	120.29	ng	0.00
7) Phenol-d6	6.40	99	1166761	117.95	ng	0.00
23) Nitrobenzene-d5	7.33	82	737817	89.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	222329	127.70	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1044921	76.51	ng	-0.01
78) Terphenyl-d14	12.88	244	989676	57.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	140529	9.581	ng	99

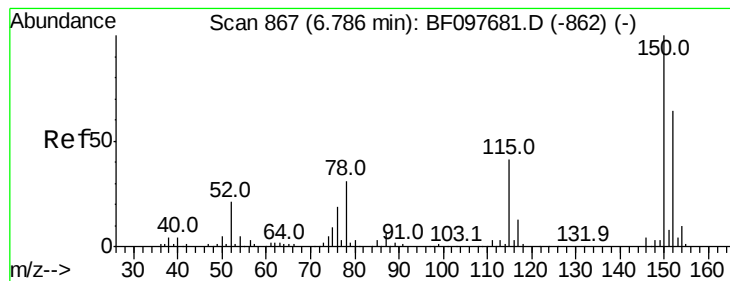
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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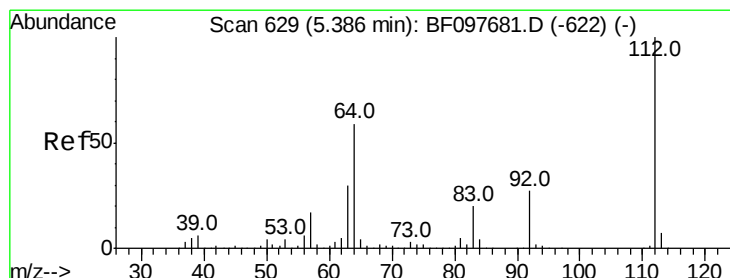
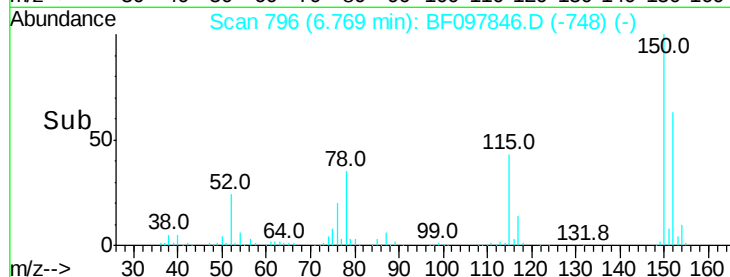
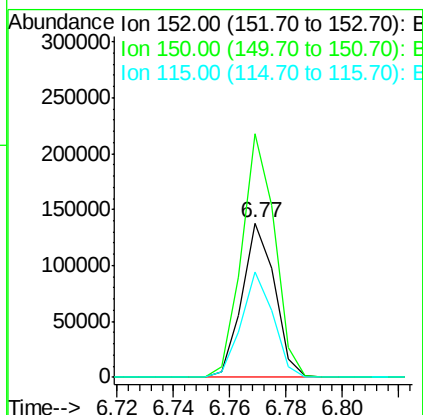
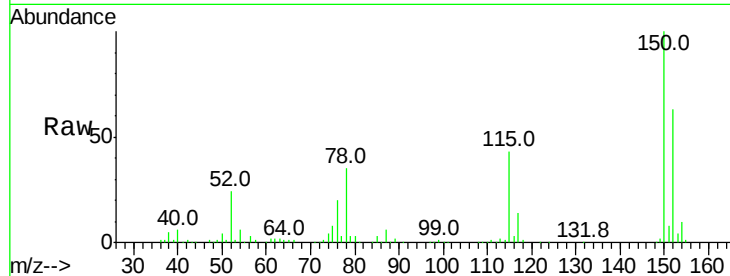


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Instrument :
BNA_F
ClientSampleId :
E4-24

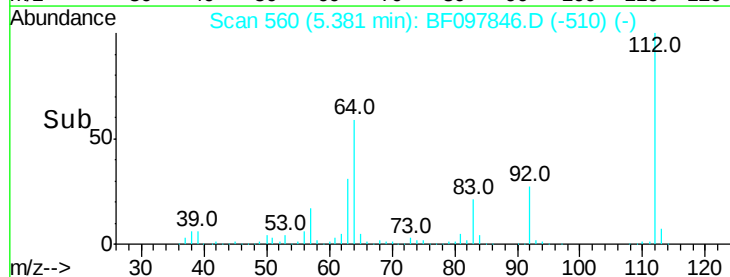
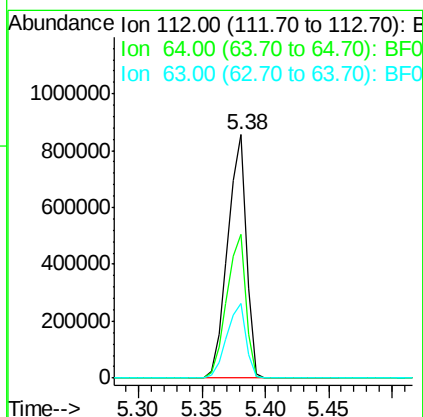
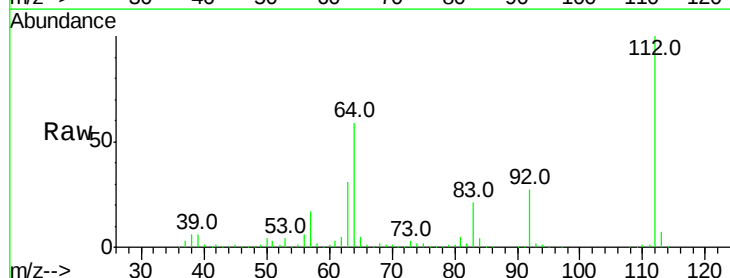
Tot Ion:152 Resp: 110739
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 67.9 52.2 78.2

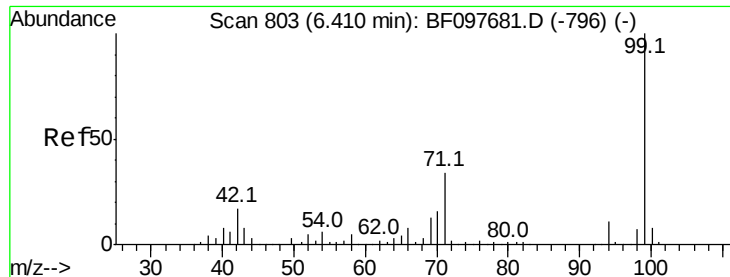


#5

2-Fluorophenol
Concen: 120.295 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Tgt Ion:112 Resp: 875785
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.5 23.4 35.0





#7

Phenol-d6

Concen: 117.952 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

BNA_F

ClientSampled :

E4-24

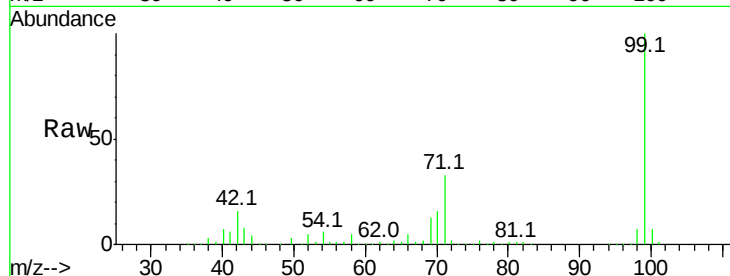
Tot Ion: 99 Resp: 1166761

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

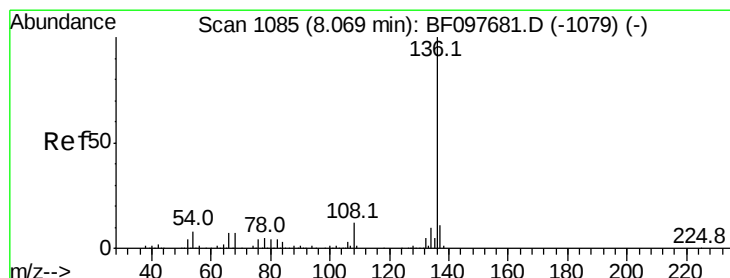
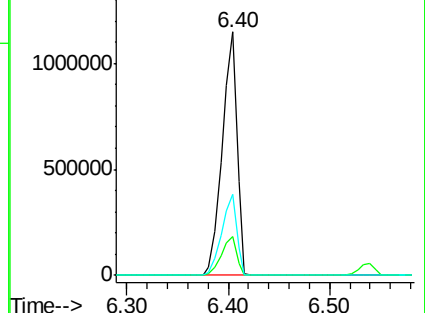
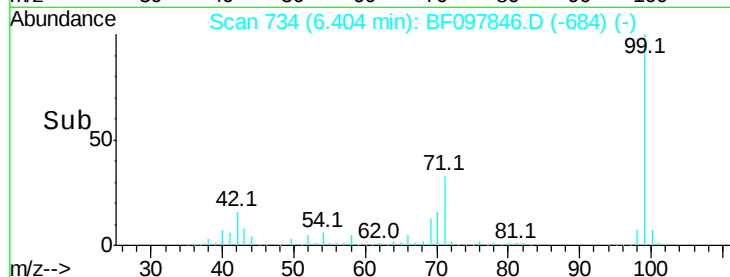
71 33.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Tgt Ion: 136 Resp: 446989

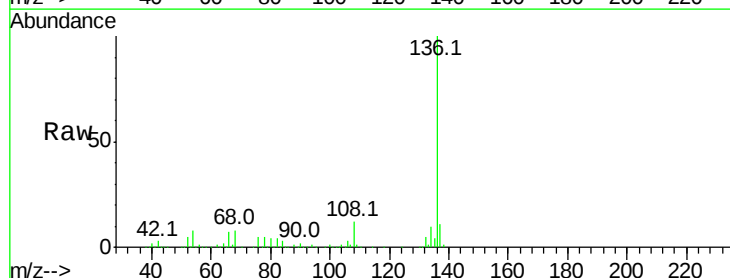
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.2 4.9 7.3#

68 7.6 4.1 6.1#

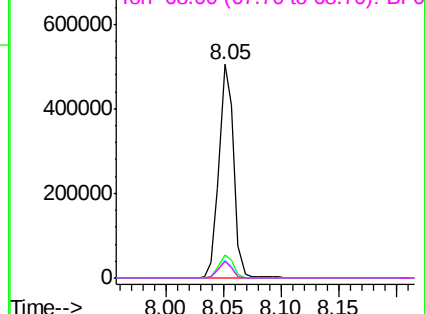
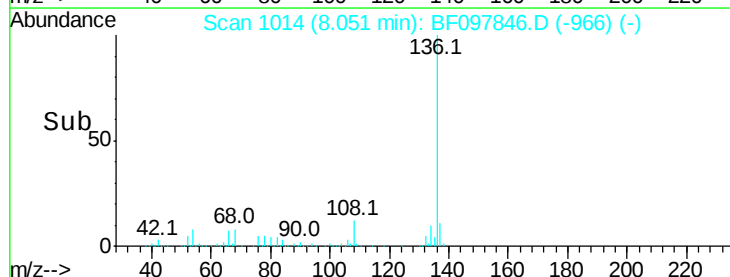


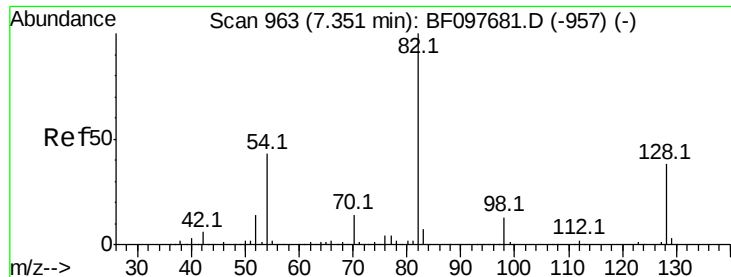
Abundance Ion 136.00 (135.70 to 136.70): E

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

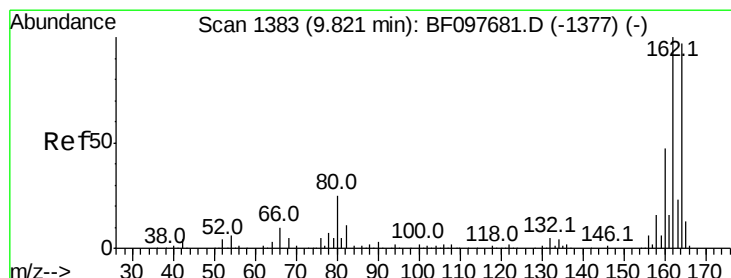
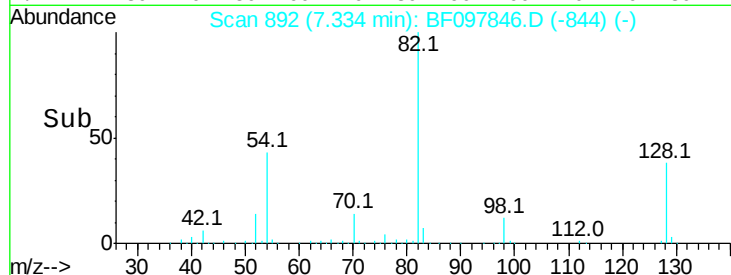
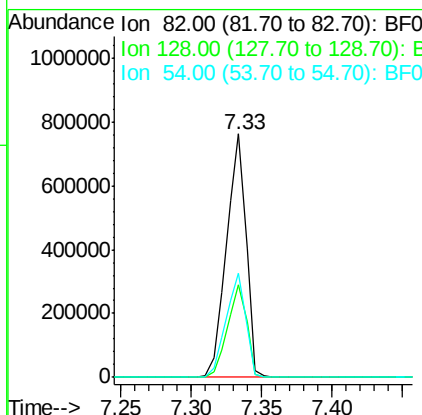
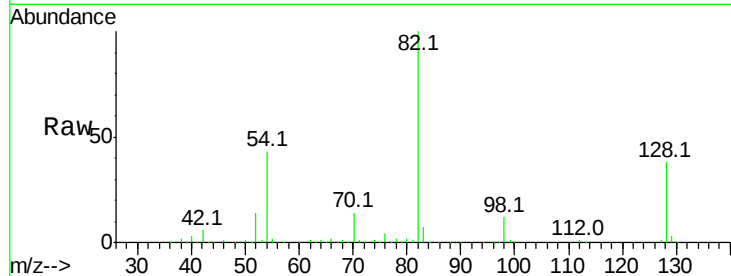




#23
 Nitrobenzene-d5
 Concen: 89.670 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

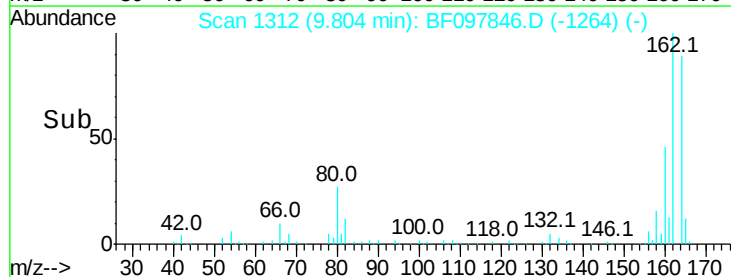
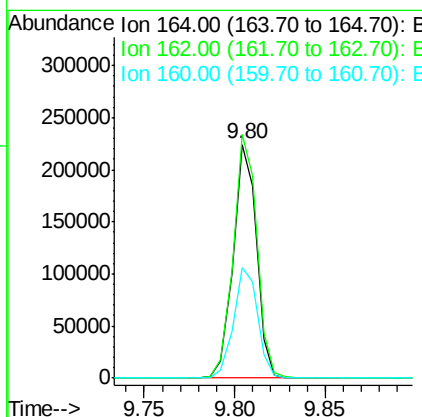
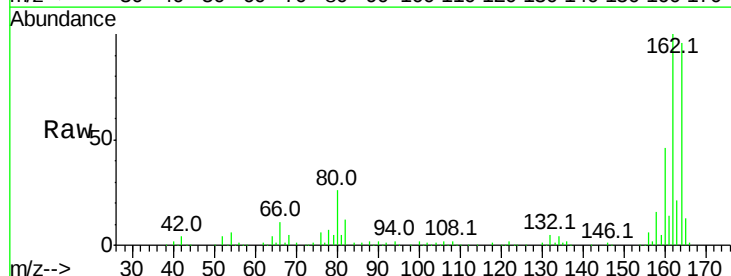
Instrument :
 BNA_F
 ClientSampleId :
 E4-24

Tot Ion: 82 Resp: 737817
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 42.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

Tgt Ion: 164 Resp: 200664
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 47.5 36.2 54.2

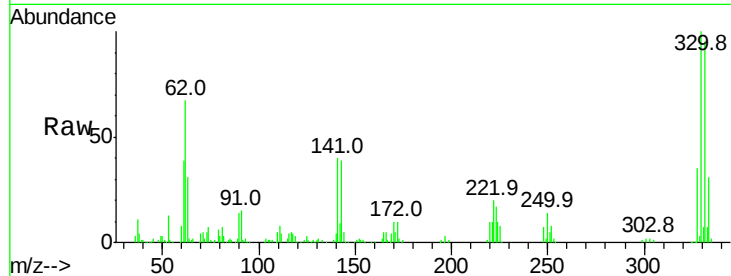




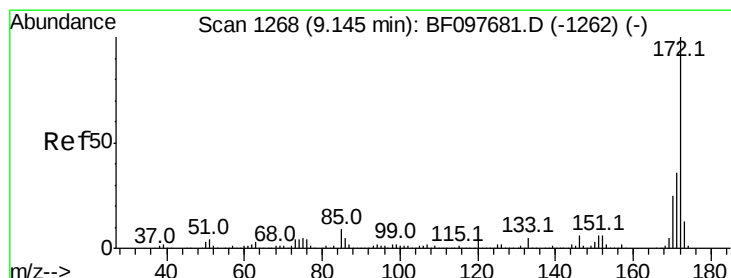
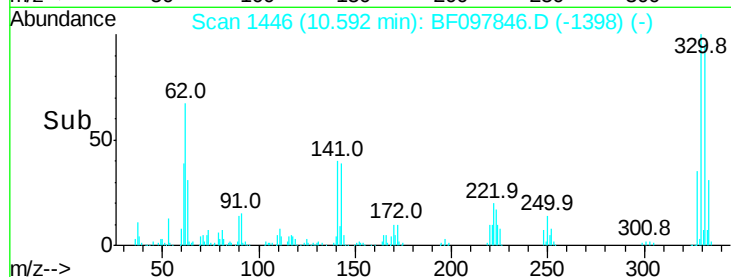
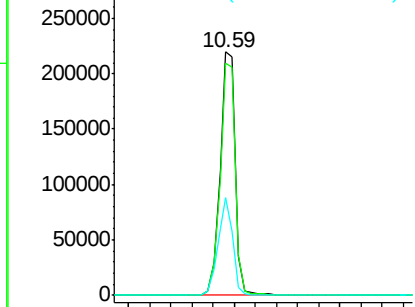
#41
 2,4,6-Tribromophenol
 Concen: 127.695 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 E4-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.2	31.4	47.2

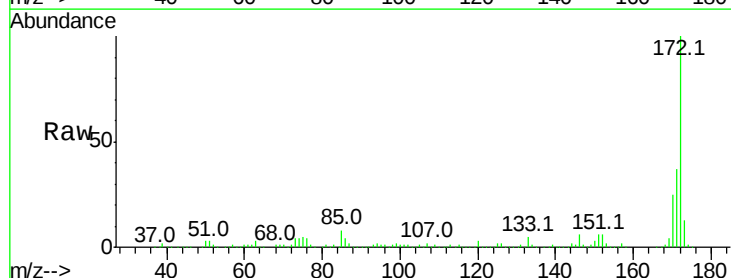


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

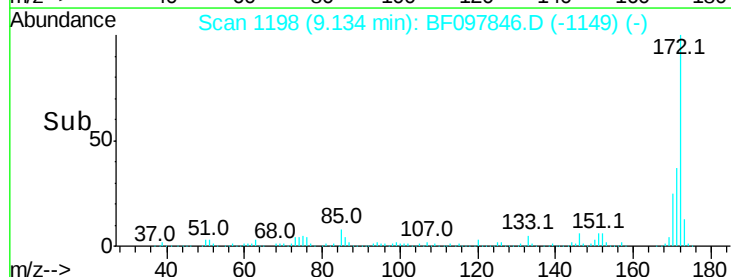
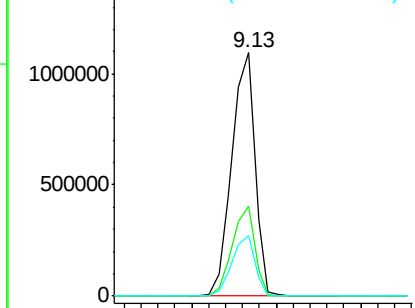


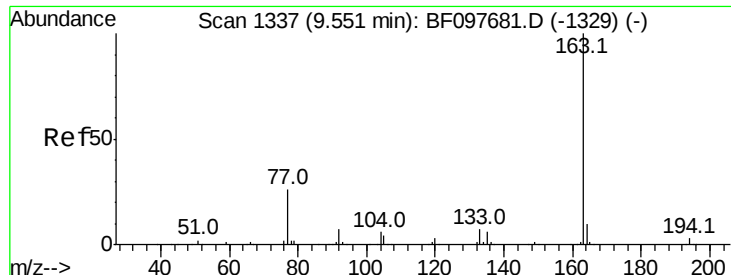
#44
 2-Fluorobiphenyl
 Concen: 76.506 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	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

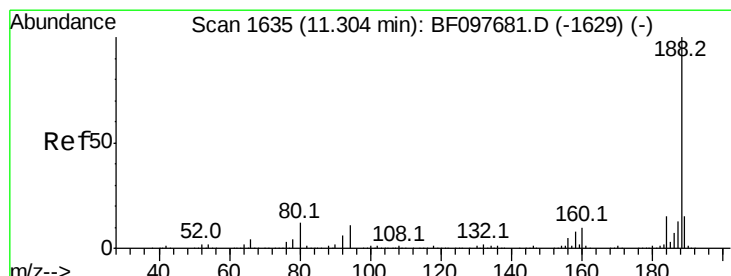
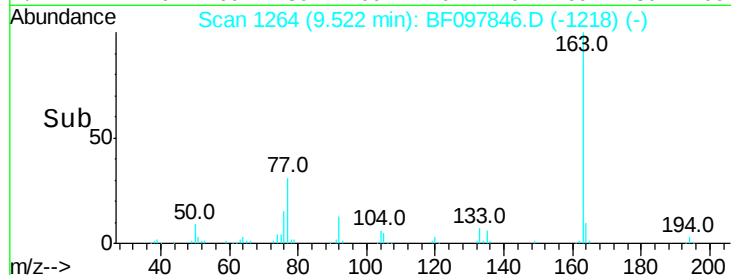
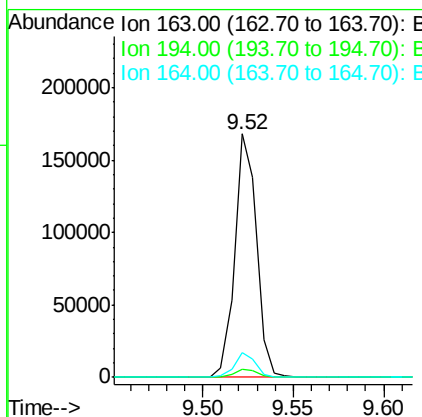
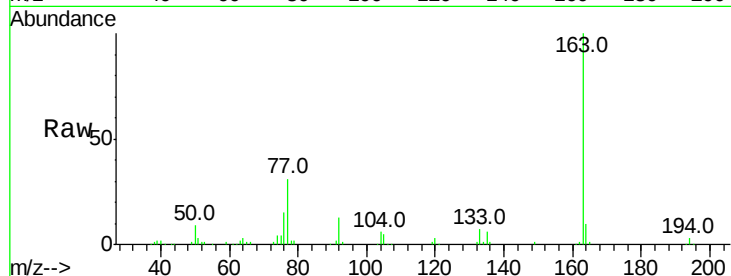




#49
Dimethylphthalate
Concen: 9.581 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

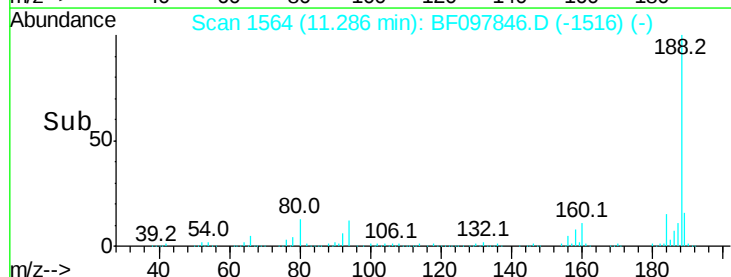
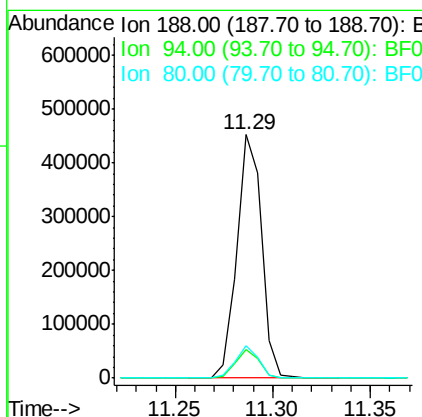
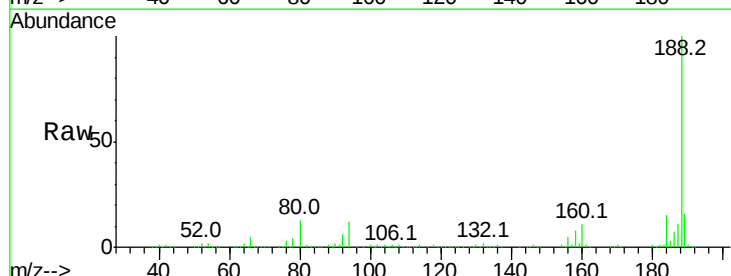
Instrument :
BNA_F
ClientSampled :
E4-24

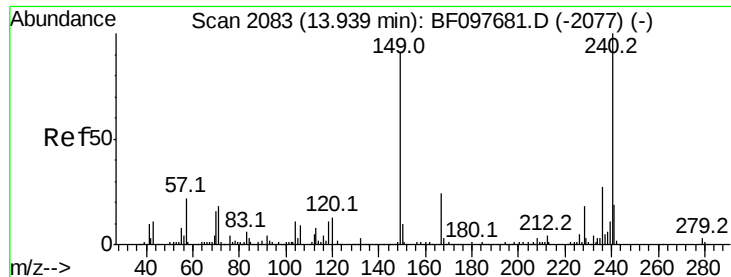
Tot Ion:163 Resp: 140529
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Tgt Ion:188 Resp: 398772
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

E4-24

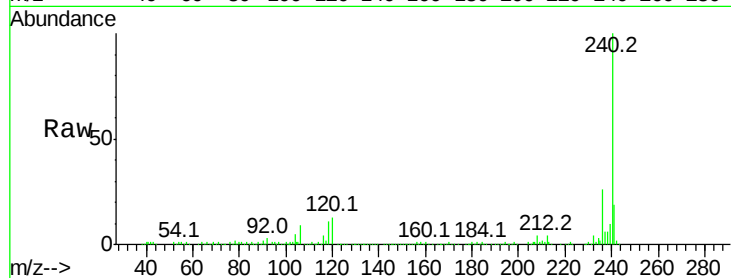
Tot Ion:240 Resp: 359215

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

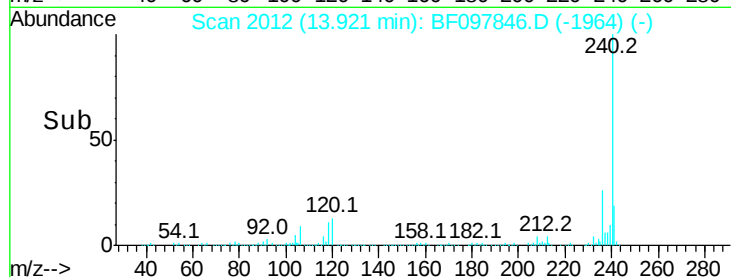
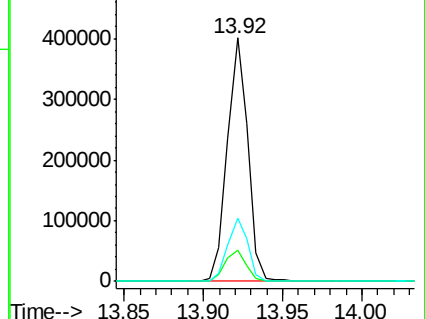
236 26.0 20.5 30.7



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: 57.453 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

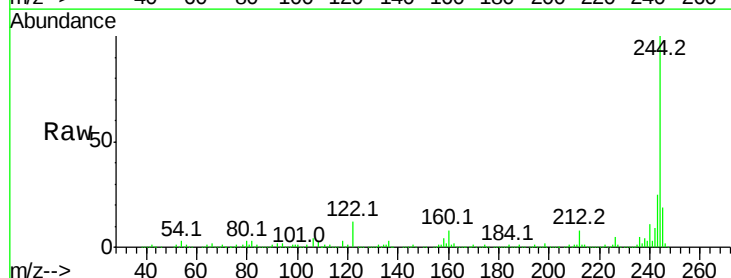
Tgt Ion:244 Resp: 989676

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

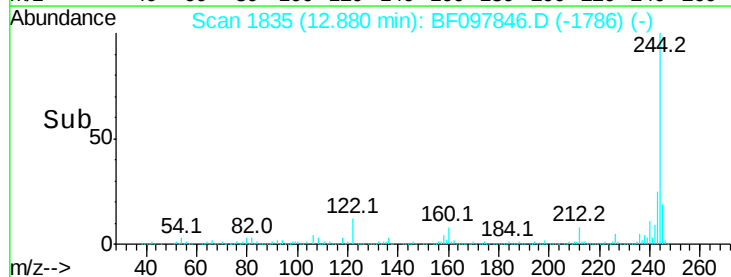
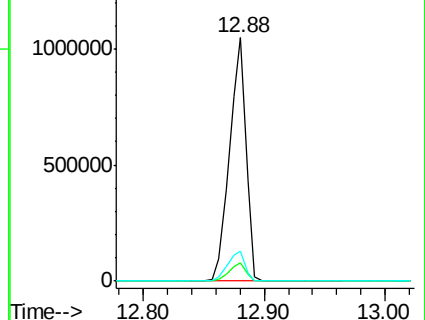
122 12.3 10.3 15.5

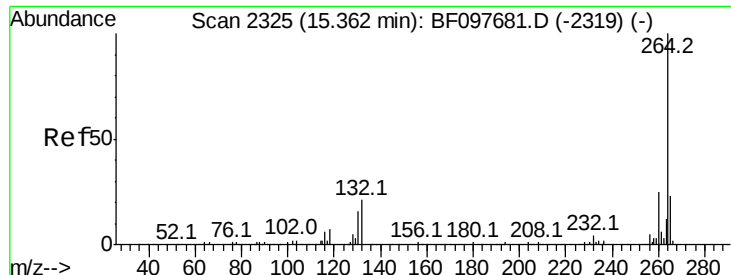


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 E4-24

Tot Ion:	264	Resp:	291477
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.7	17.2	25.8

