

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 03:34:42 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

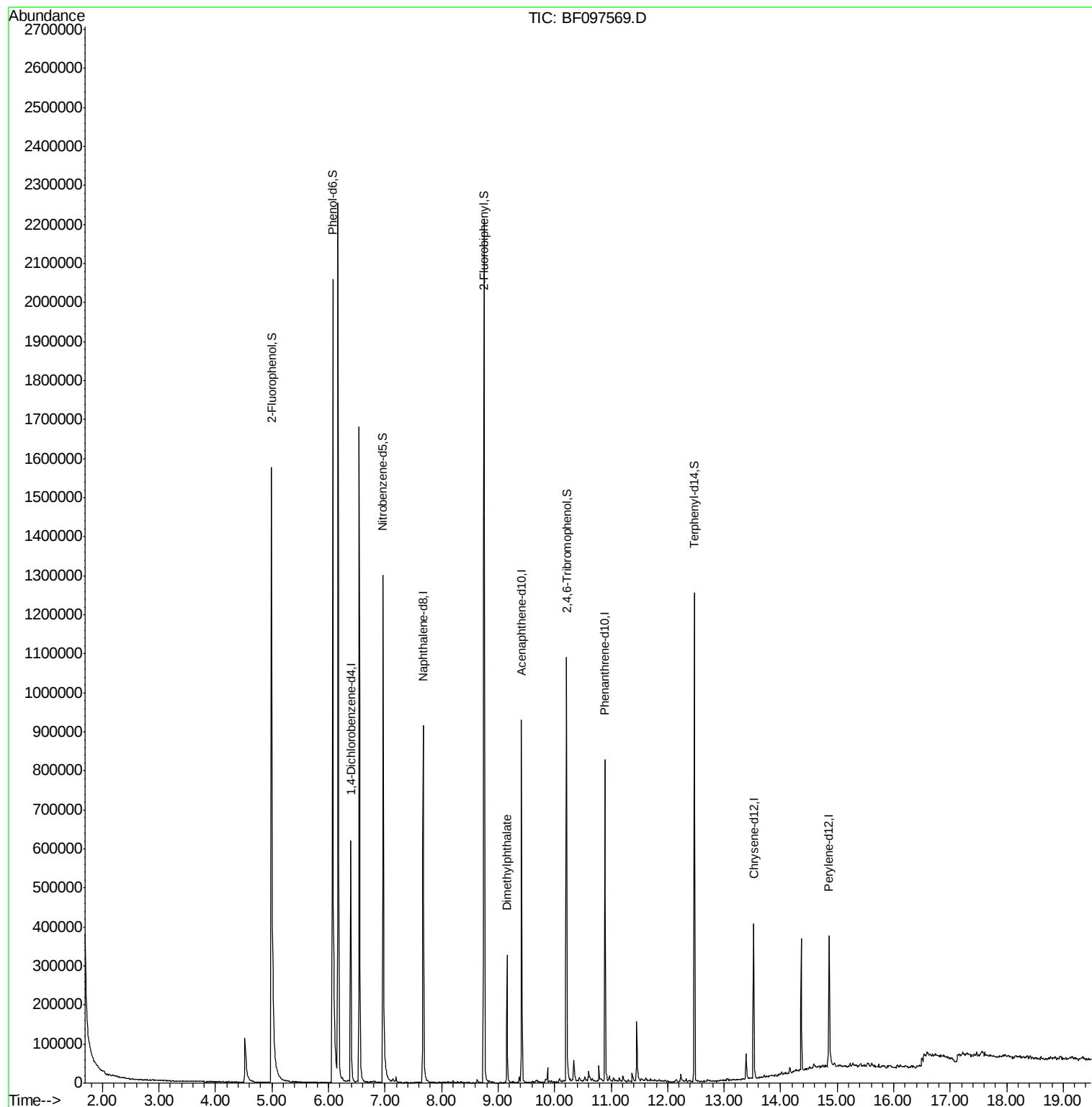
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	103911	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	437263	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	180001	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	290205	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	147781	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						
49) Dimethylphthalate	9.16	163	132063	9.662	ng	Qvalue 98

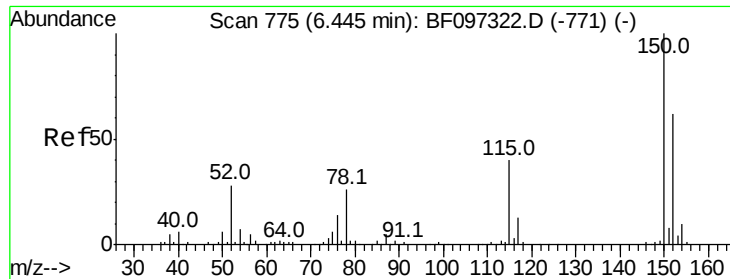
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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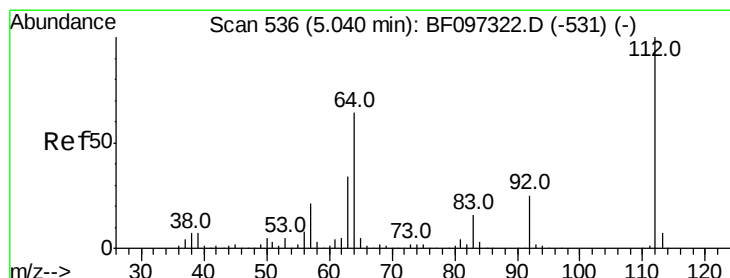
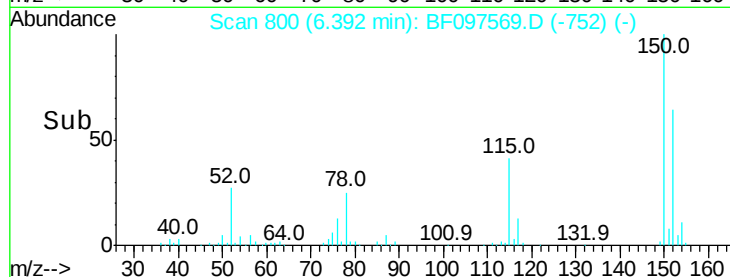
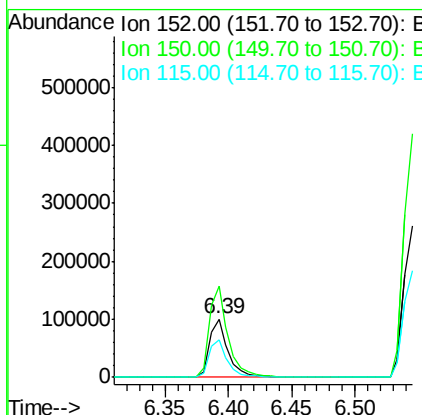
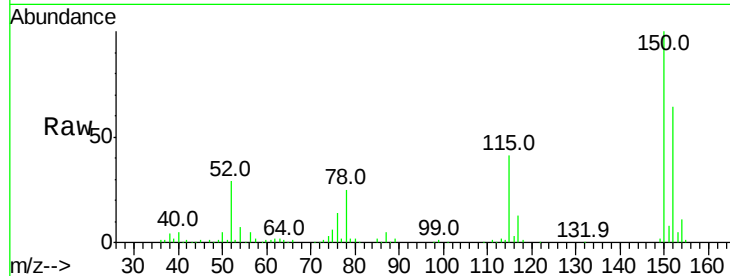


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 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

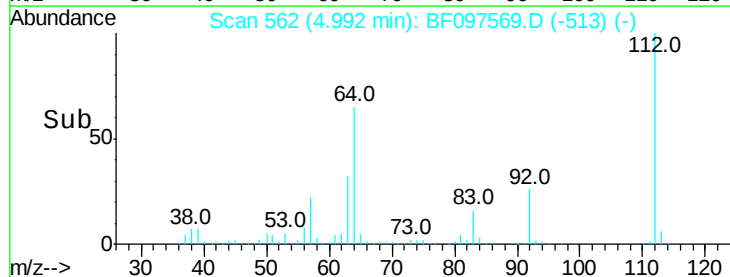
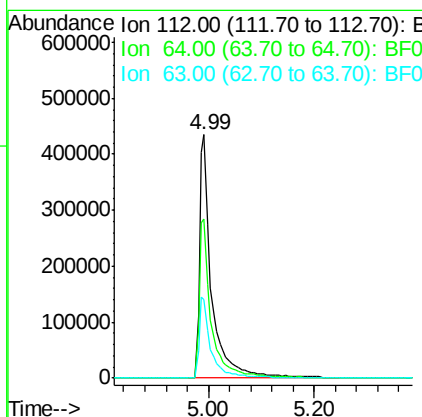
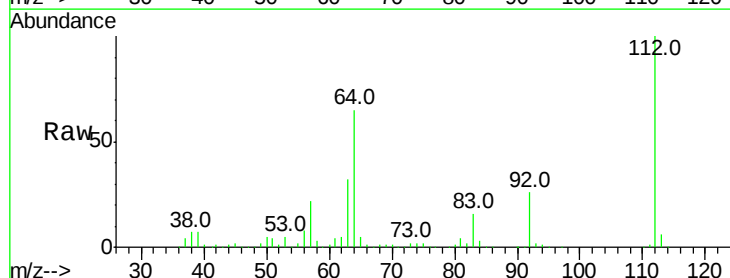
Tot Ion:152 Resp: 103911
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 64.6 52.2 78.2



#5

2-Fluorophenol
Concen: 101.714 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: 103.502 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

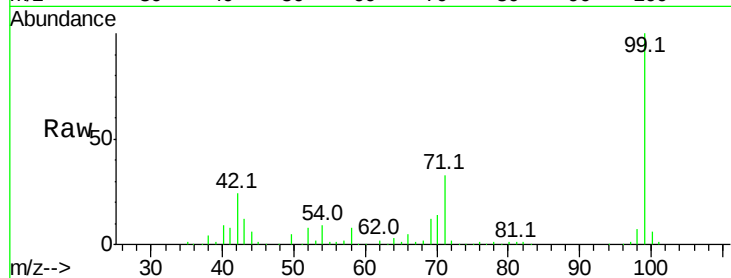
Tot Ion: 99 Resp: 814476

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

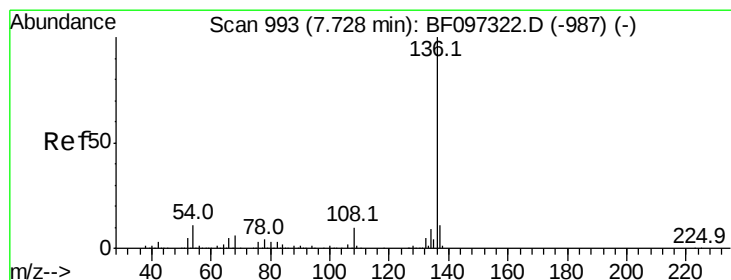
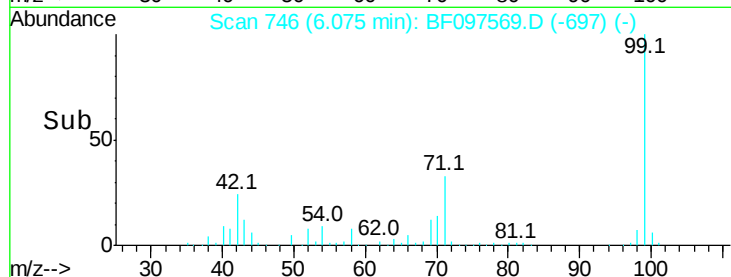
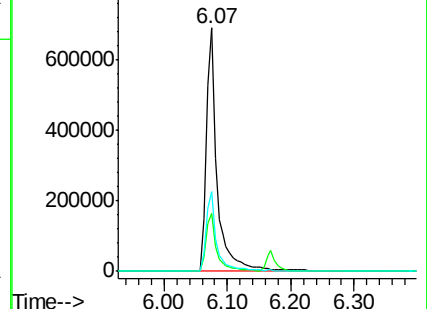
71 32.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

Tgt Ion: 136 Resp: 437263

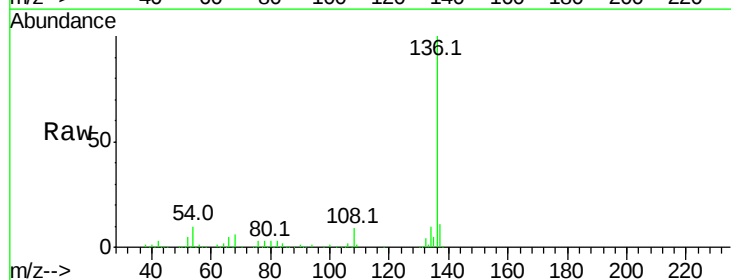
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.2 4.9 7.3#

68 5.6 4.1 6.1

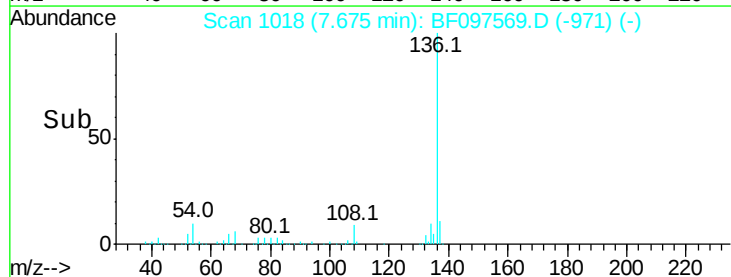
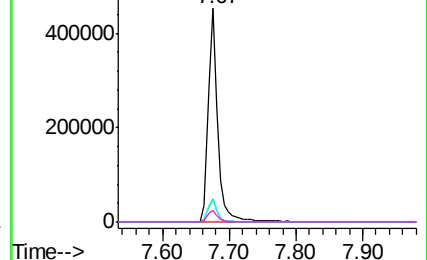


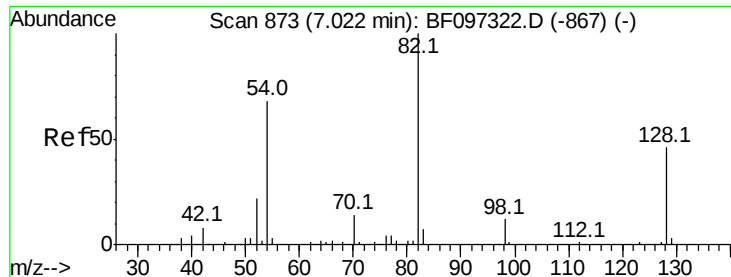
Abundance Ion 136.00 (135.70 to 136.70): E

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

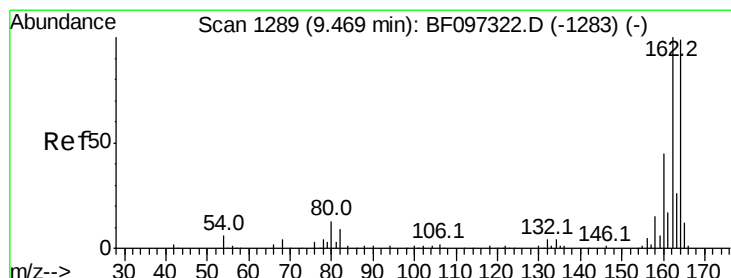
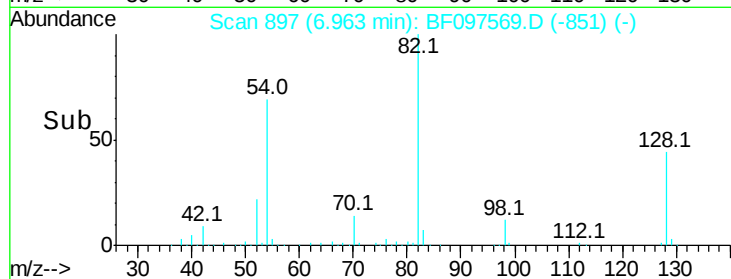
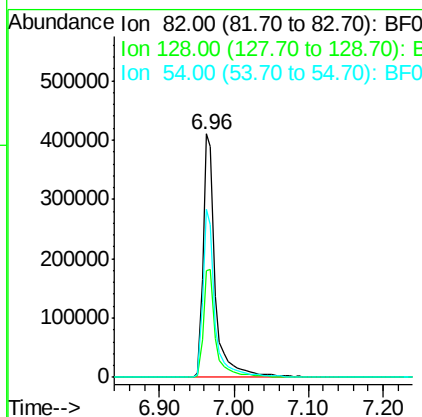
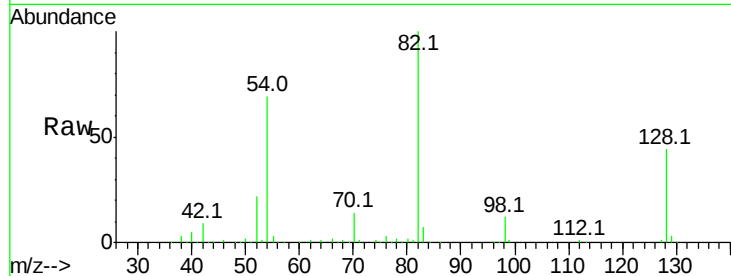




#23
 Nitrobenzene-d5
 Concen: 63.960 ng
 RT: 6.96 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BF097569.D
 Acq: 10 Aug 2017 20:27

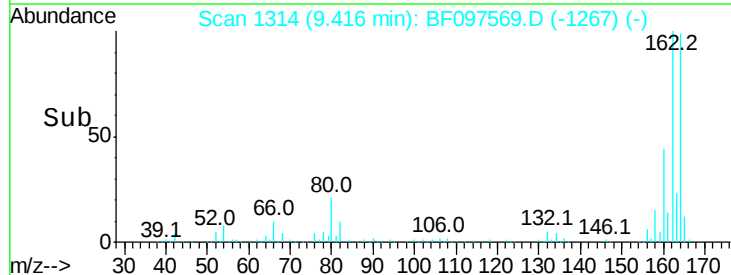
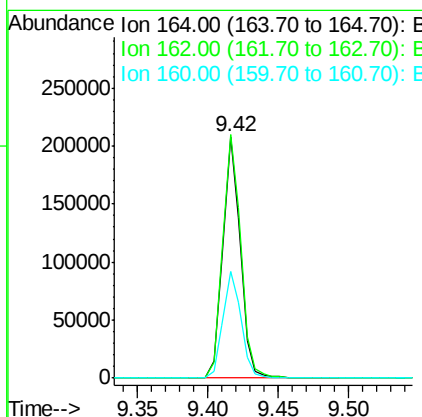
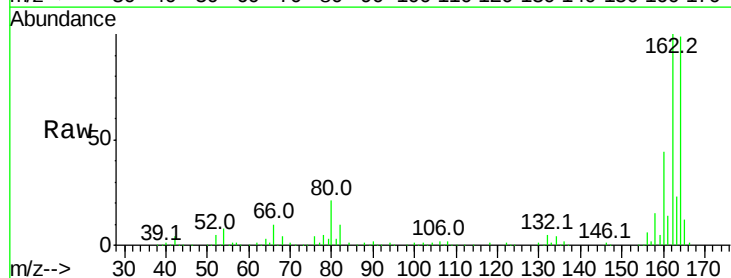
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

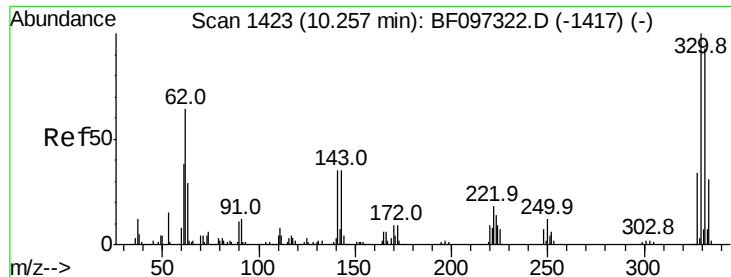
Tot Ion: 82 Resp: 476734
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 69.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 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

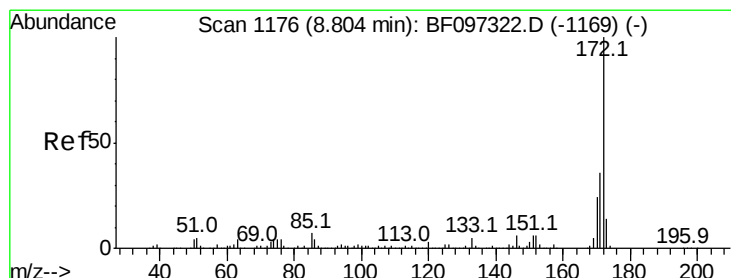
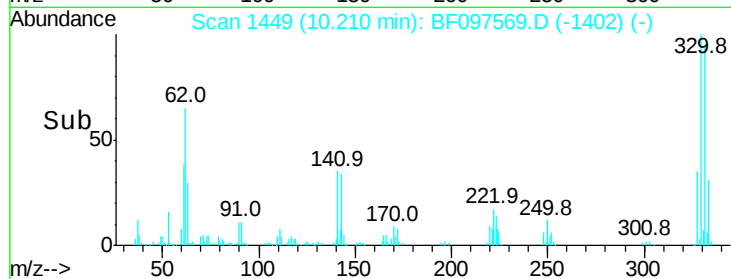
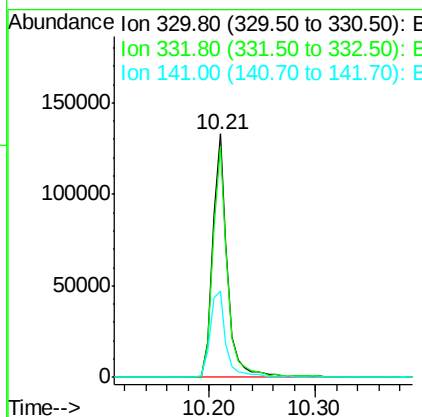
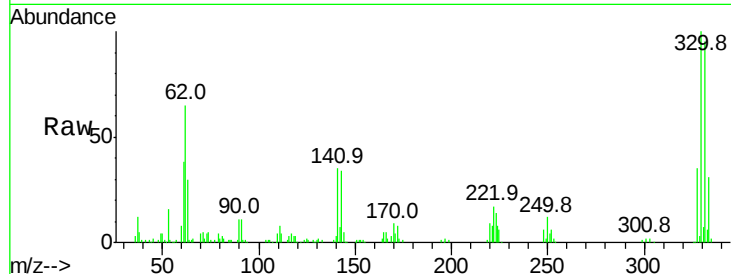




#41
 2,4,6-Tribromophenol
 Concen: 91.779 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097569.D
 Acq: 10 Aug 2017 20:27

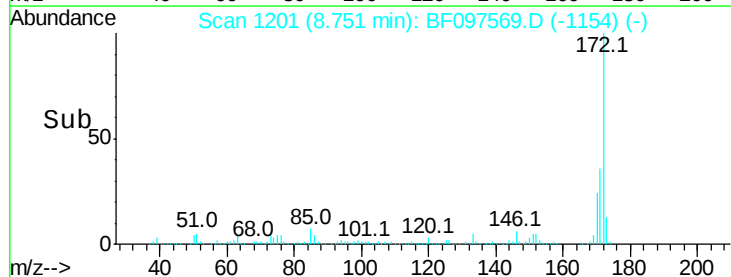
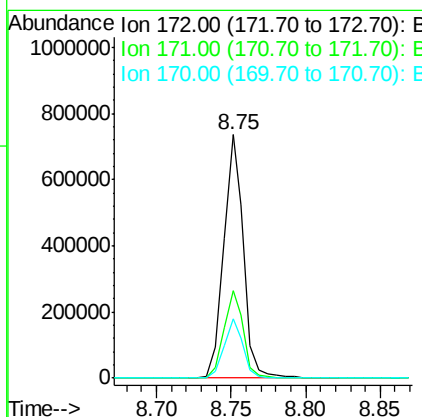
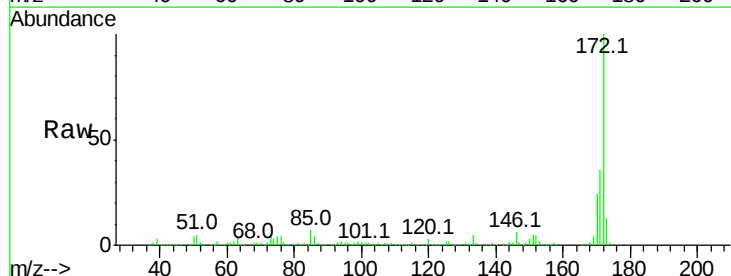
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

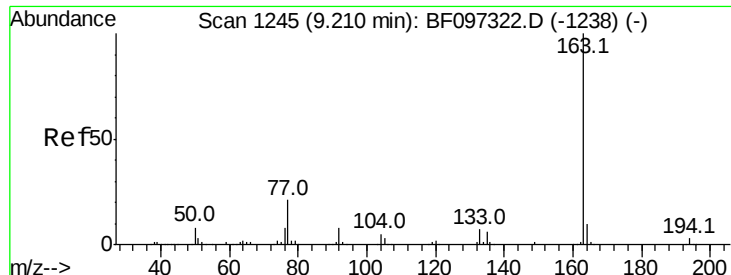
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	37.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 64.567 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

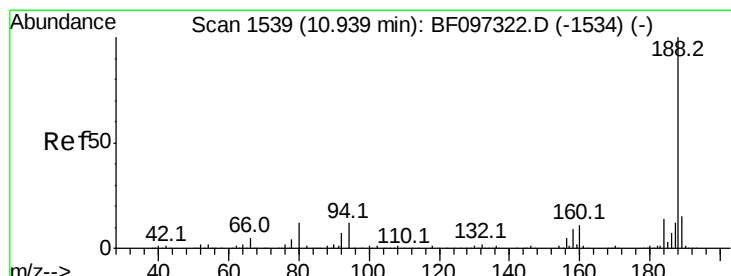
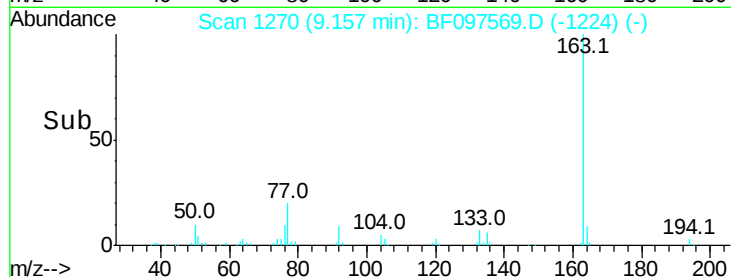
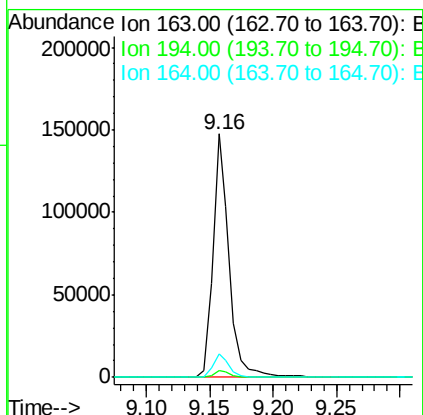
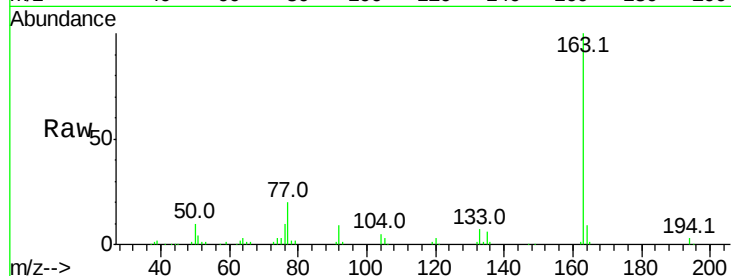




#49
Dimethylphthalate
Concen: 9.662 ng
RT: 9.16 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

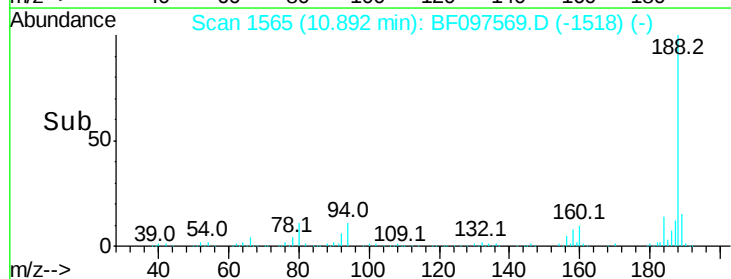
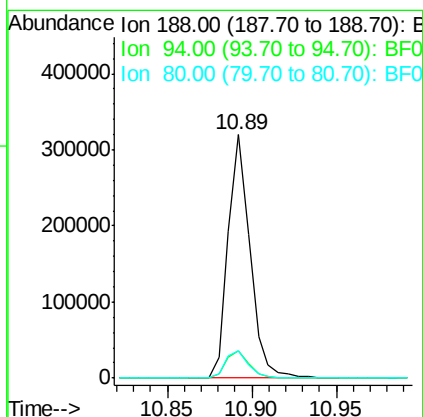
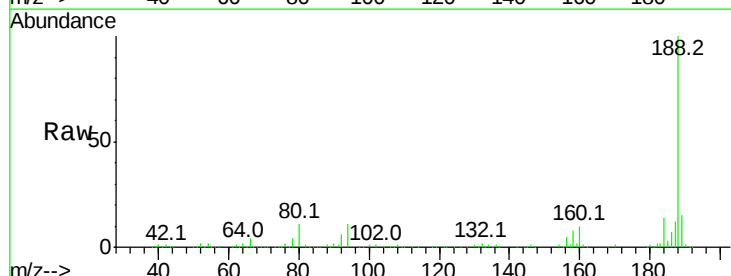
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BNA_F
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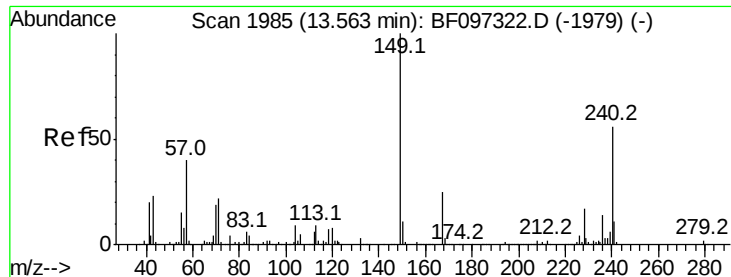
Tot Ion:163 Resp: 132063
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.5 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

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





#75

Chrysene-d12

Concen: 20.000 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

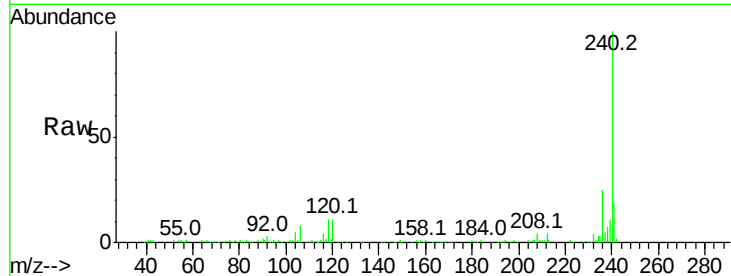
Tot Ion:240 Resp: 147781

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

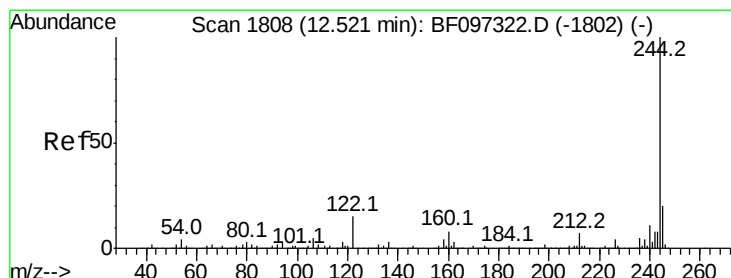
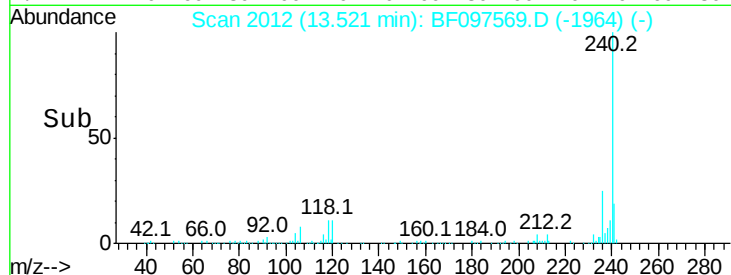
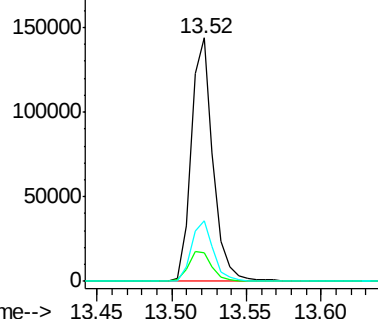
236 24.7 20.5 30.7



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: 50.522 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097569.D

Acq: 10 Aug 2017 20:27

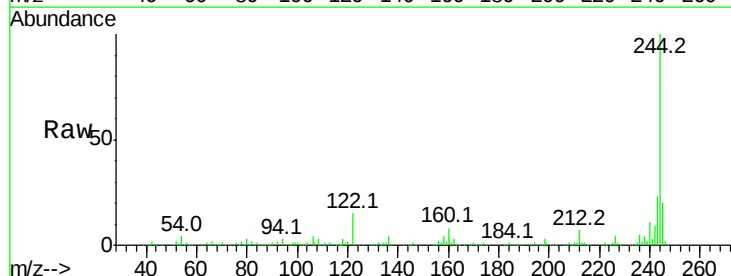
Tgt Ion:244 Resp: 366196

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

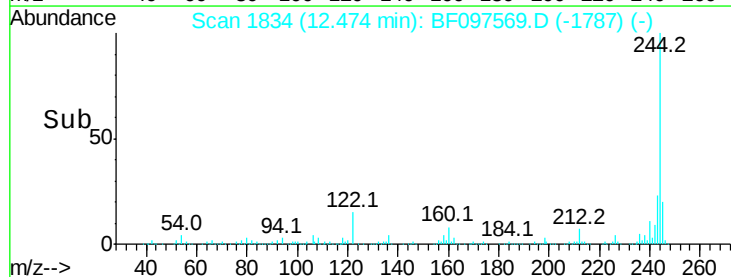
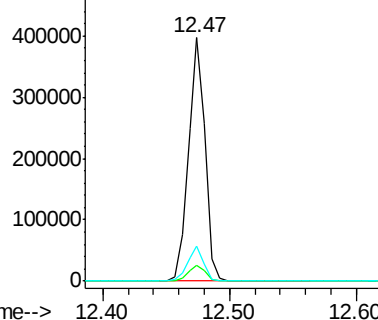
122 14.5 10.3 15.5

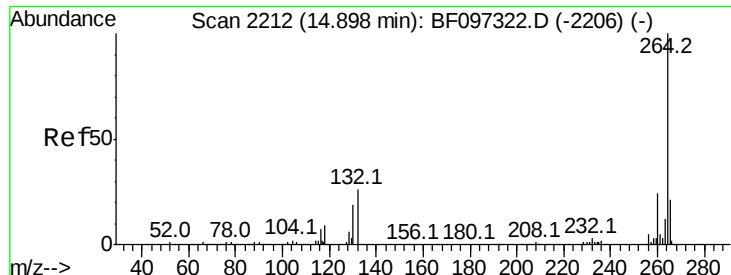


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

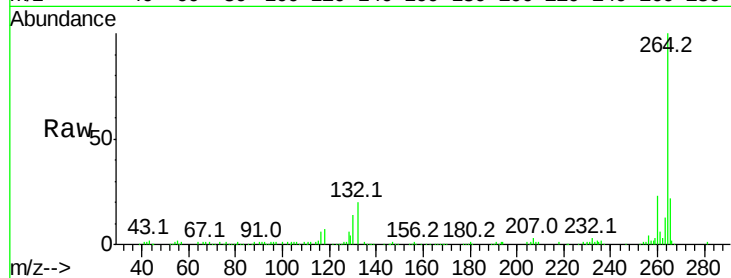




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF097569.D
Acq: 10 Aug 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tot Ion:264 Resp: 147143
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

