

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099545.D
 Acq On : 16 Oct 2017 15:36
 Operator : SJ/JU
 Sample : I5782-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)

Quant Time: Oct 17 01:28:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

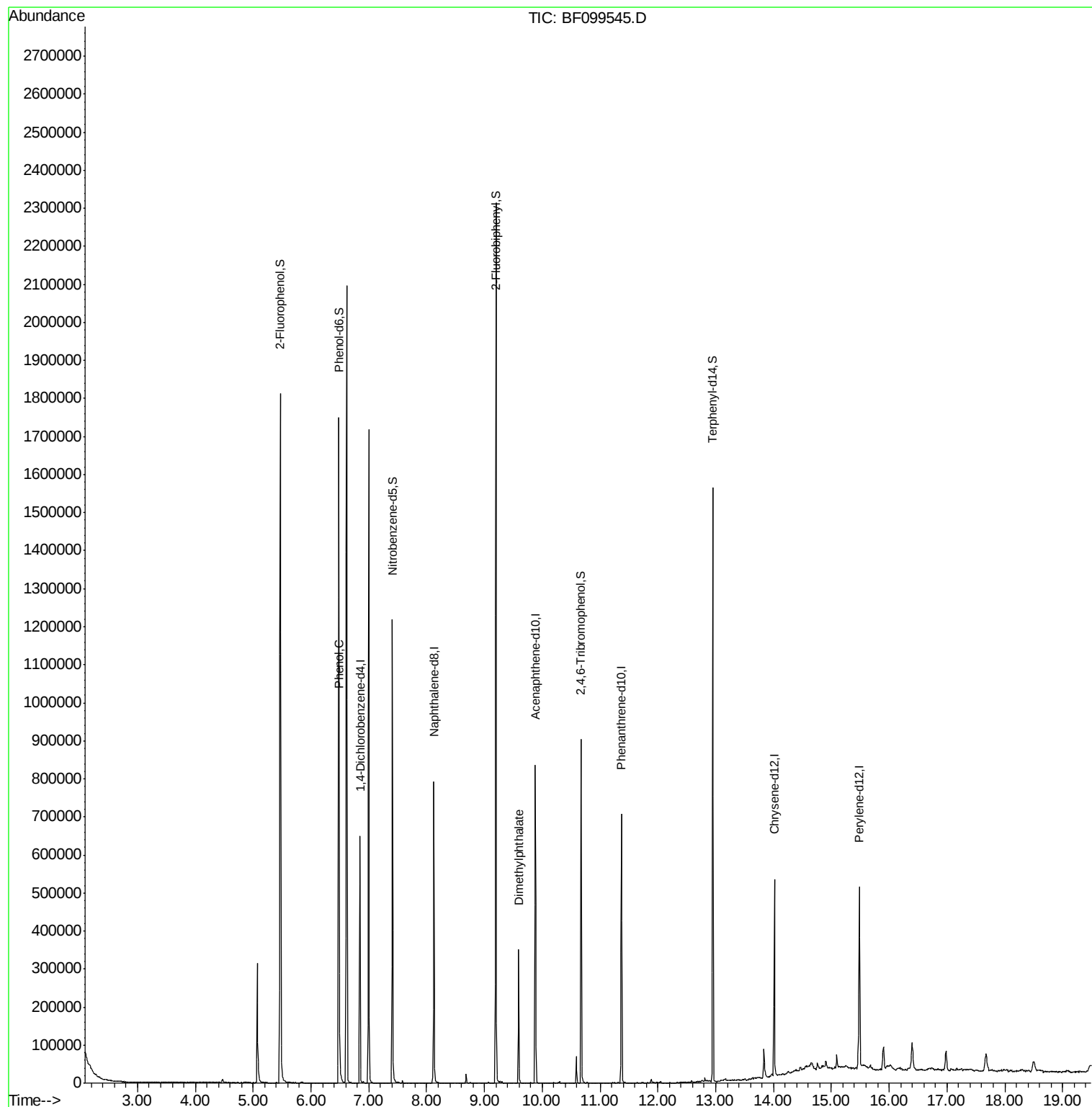
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97504	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	382630	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	153671	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	231686	20.00	ng	0.00
75) Chrysene-d12	14.02	240	176747	20.00	ng	0.00
86) Perylene-d12	15.49	264	194831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	559618	91.37	ng	0.00
7) Phenol-d6	6.48	99	649218	85.92	ng	0.00
23) Nitrobenzene-d5	7.41	82	378084	63.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	102290	81.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	703007	76.37	ng	-0.01
78) Terphenyl-d14	12.95	244	454672	58.50	ng	0.00
Target Compounds						
10) Phenol	6.49	94	53135	6.288	ng	96
49) Dimethylphthalate	9.59	163	137442	11.850	ng	100

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

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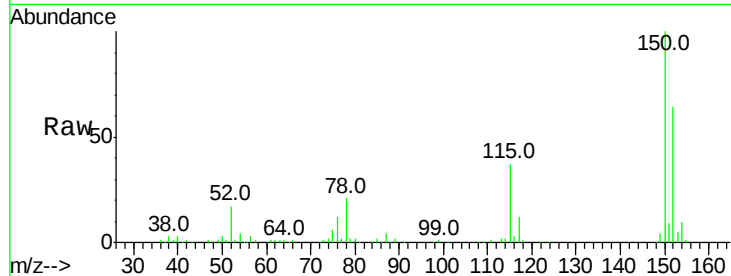


#1

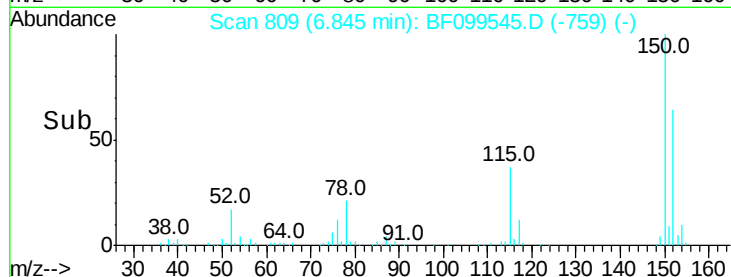
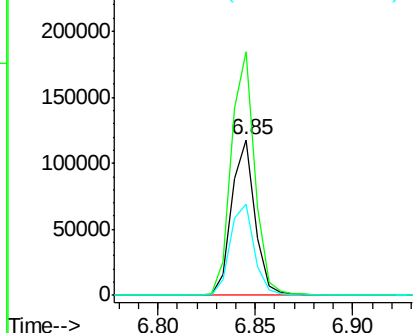
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Instrument :
BNA_F
ClientSampled :
S1(1-3)

Tot Ion:152 Resp: 97504
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 58.5 50.1 75.1



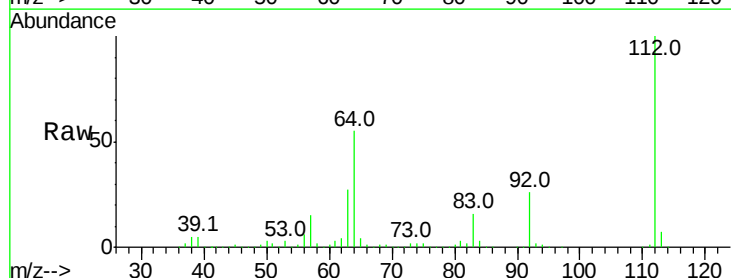
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



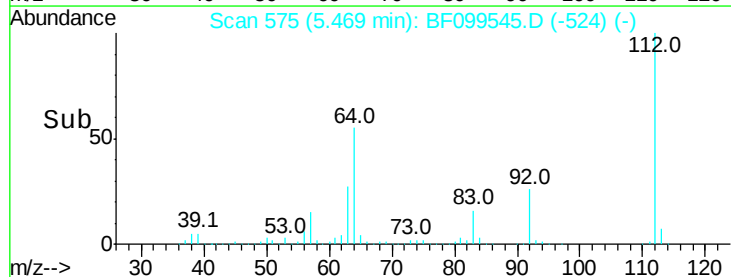
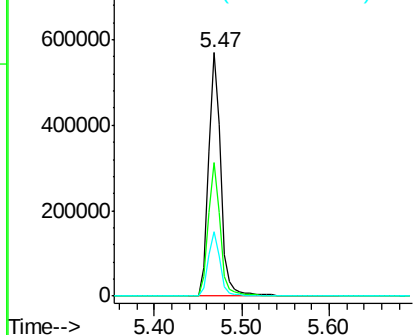
#5

2-Fluorophenol
Concen: 91.366 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion:112 Resp: 559618
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.6 23.7 35.5



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: 85.922 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Instrument :

BNA_F

ClientSampleId :

S1(1-3)

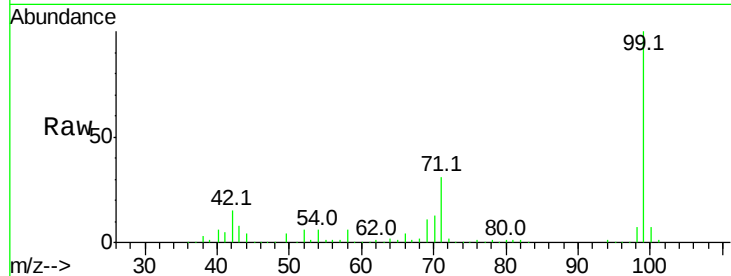
Tot Ion: 99 Resp: 649218

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

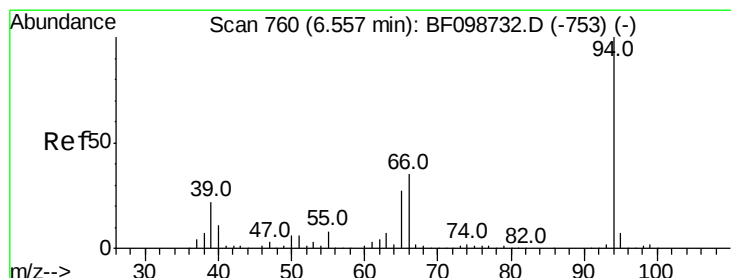
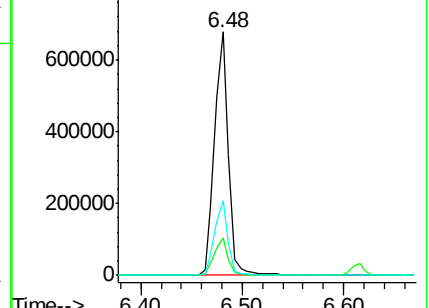
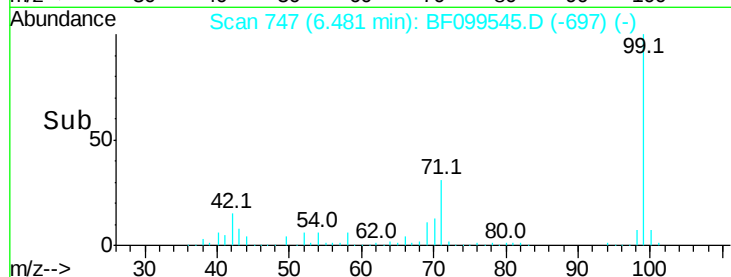
71 30.7 25.4 38.0



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



#10

Phenol

Concen: 6.288 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

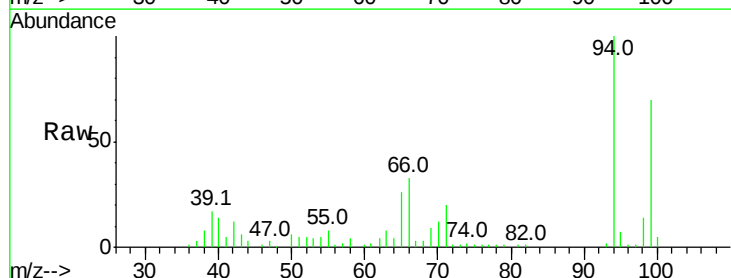
Tgt Ion: 94 Resp: 53135

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

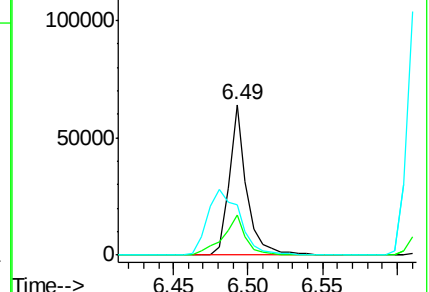
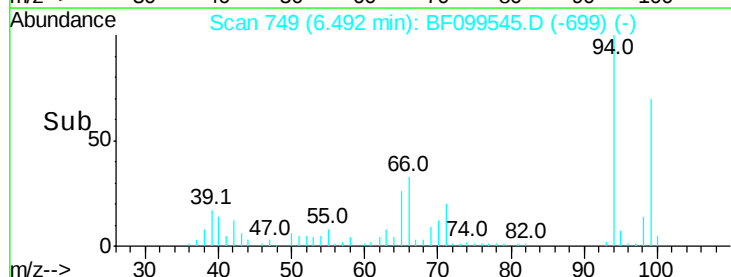
66 33.4 16.2 56.2

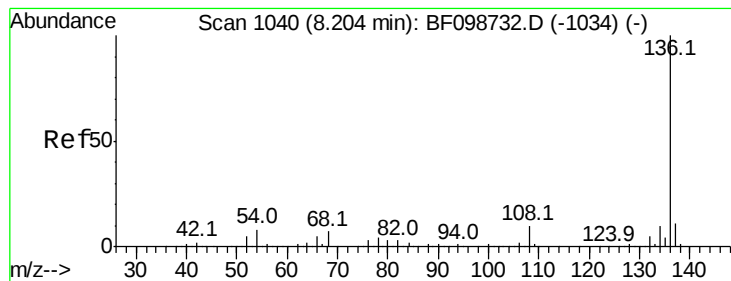


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Instrument :

BNA_F

ClientSampleId :

S1(1-3)

Tot Ion:136 Resp: 382630

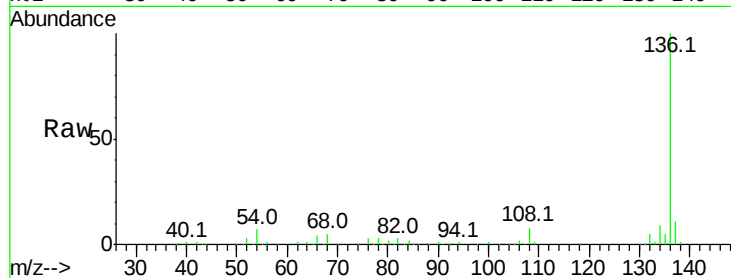
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.6 6.6 9.8

68 5.4 5.0 7.4

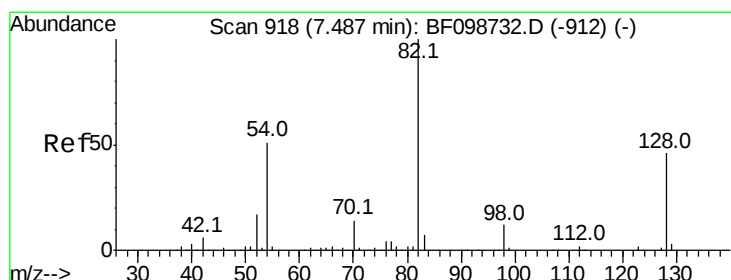
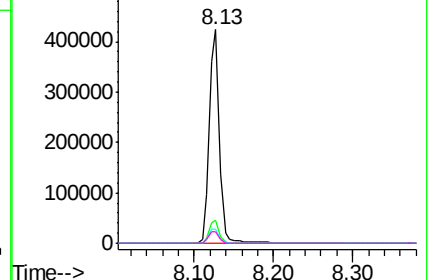
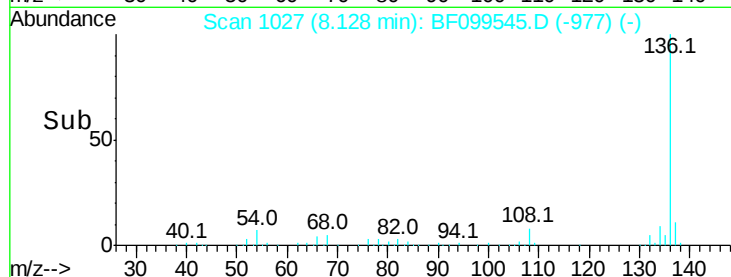


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.368 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

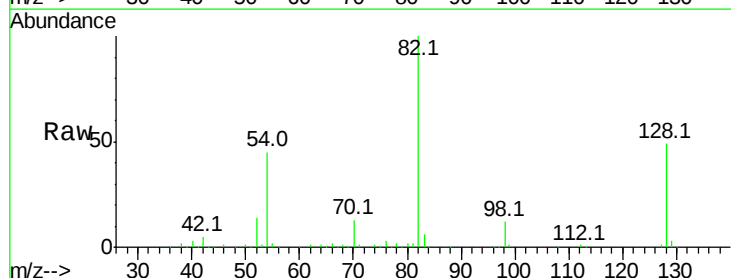
Tgt Ion: 82 Resp: 378084

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

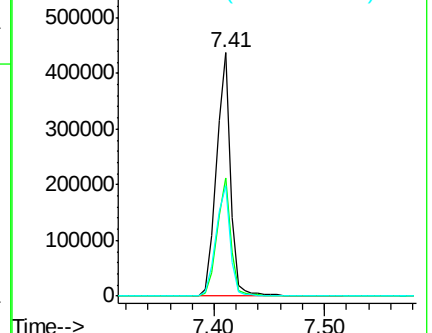
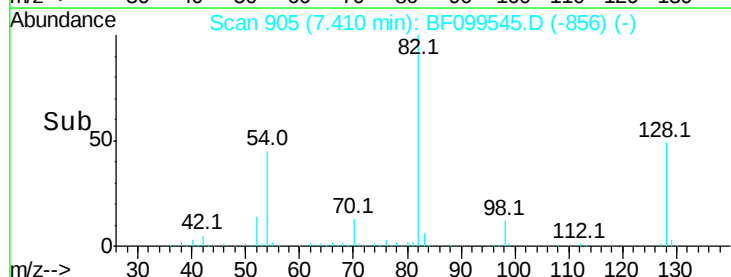
54 45.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

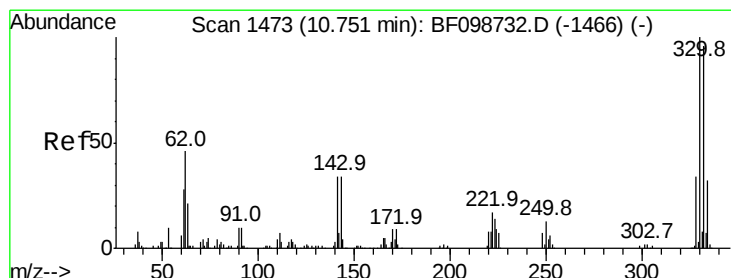
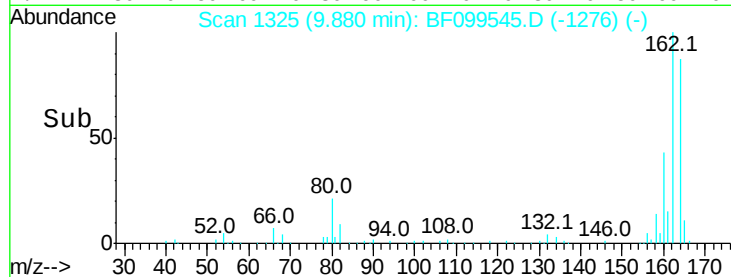
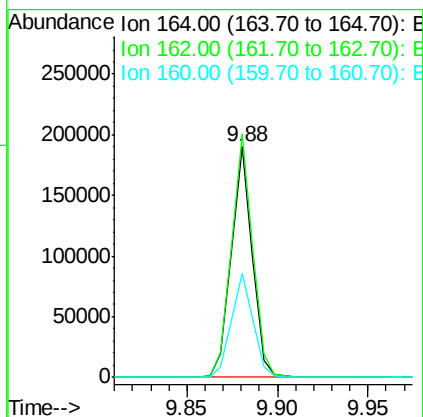
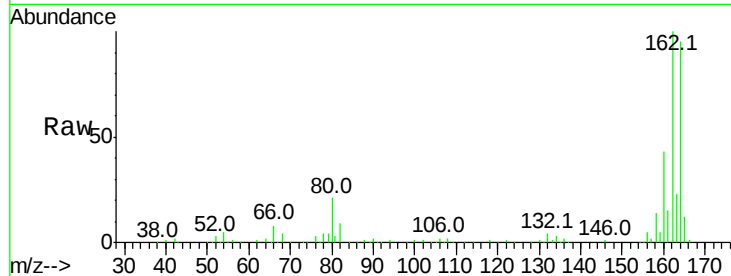




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

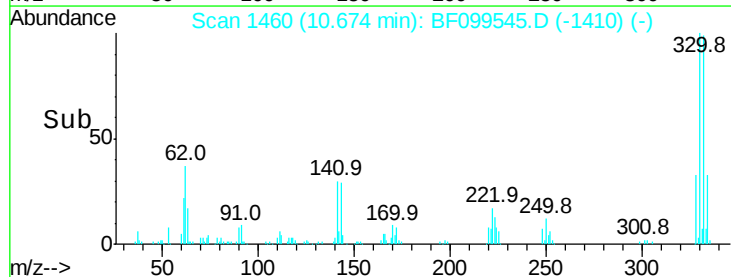
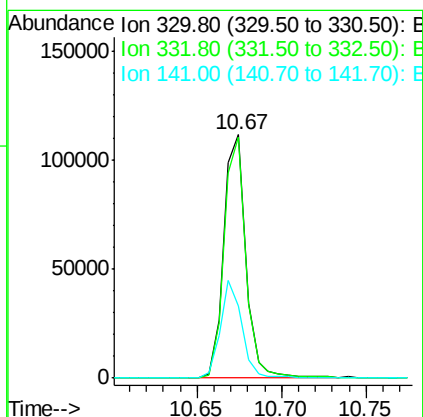
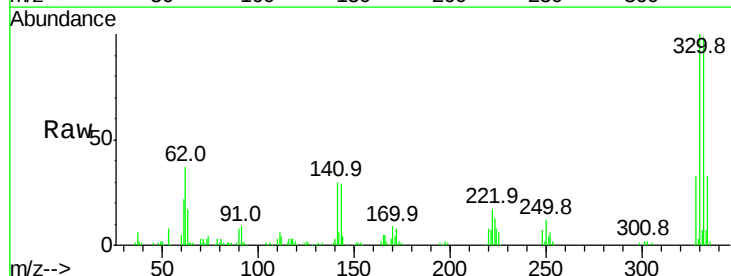
Instrument :
BNA_F
ClientSampleId :
S1(1-3)

Tot Ion:164 Resp: 153671
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 45.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 81.347 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion:330 Resp: 102290
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 39.4 29.9 44.9

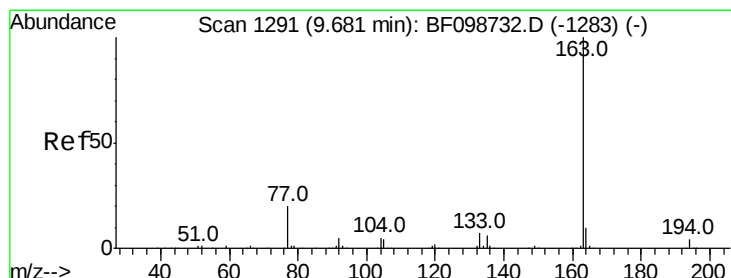
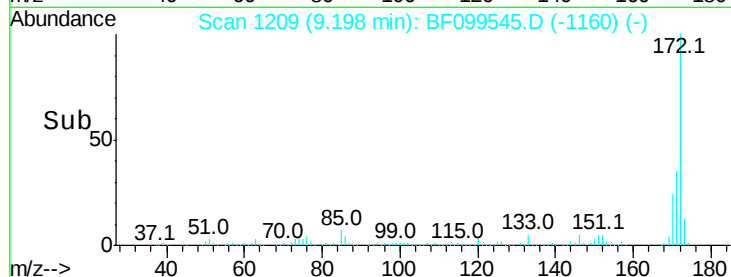
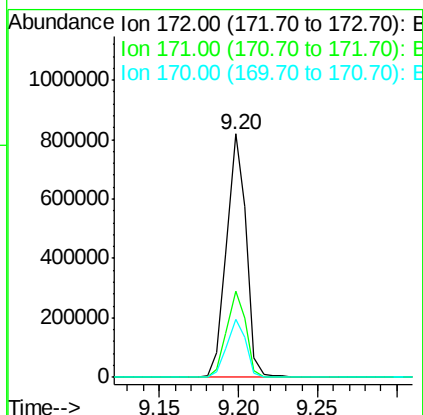
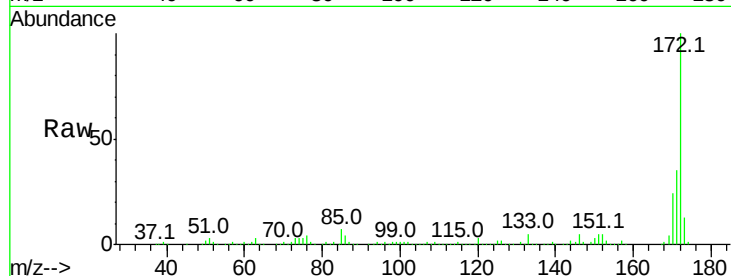




#44
2-Fluorobiphenyl
Concen: 76.372 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

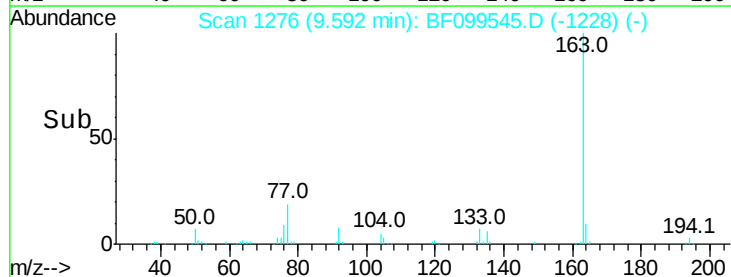
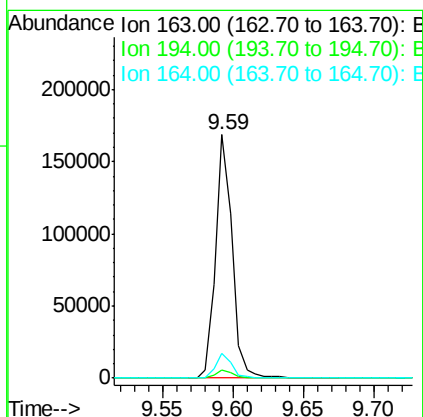
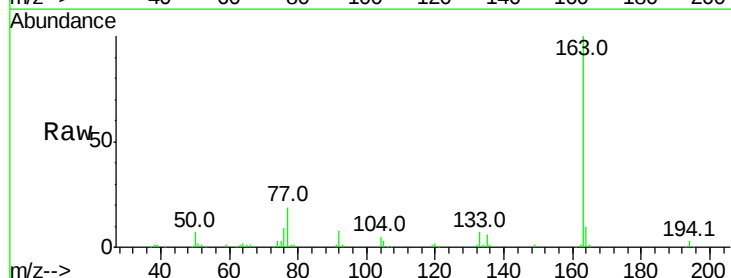
Instrument :
BNA_F
ClientSampleId :
S1(1-3)

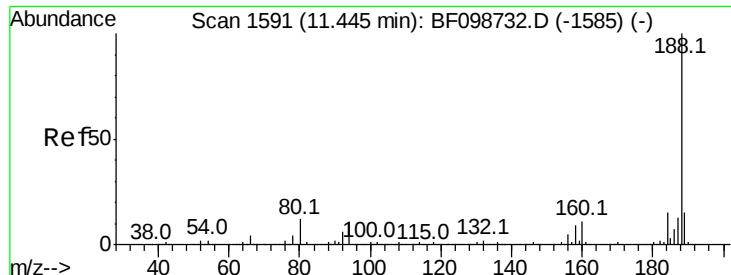
Tot Ion:172 Resp: 703007
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 11.850 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion:163 Resp: 137442
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

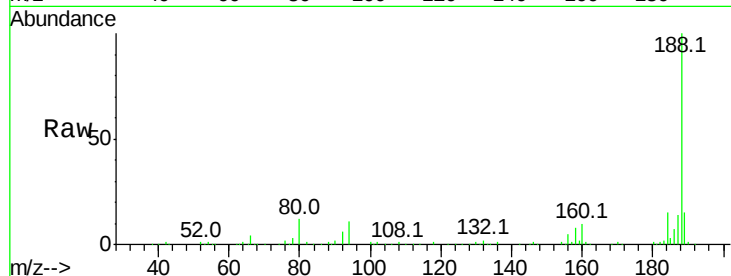




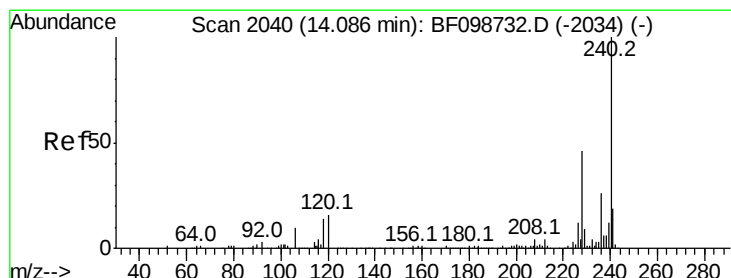
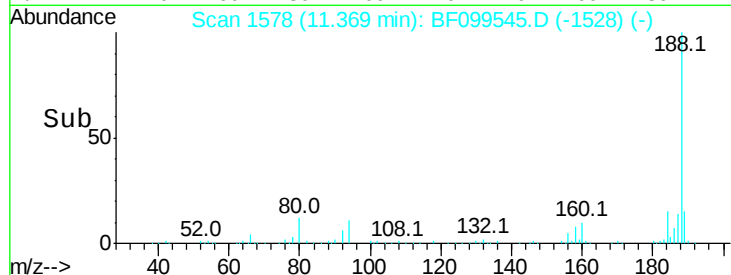
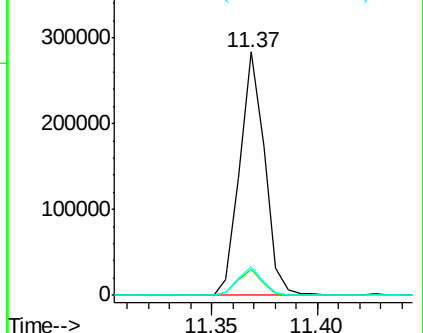
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Instrument :
BNA_F
ClientSampleId :
S1(1-3)

Tot Ion:188 Resp: 231686
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.8 9.2 13.8

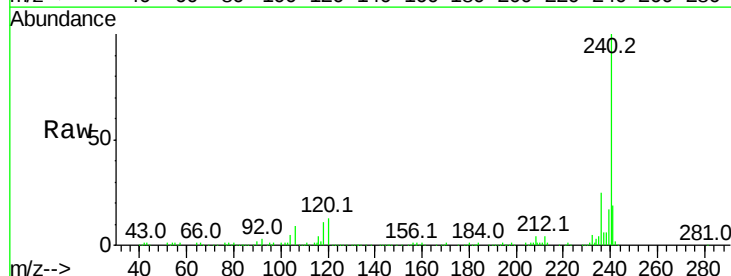


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

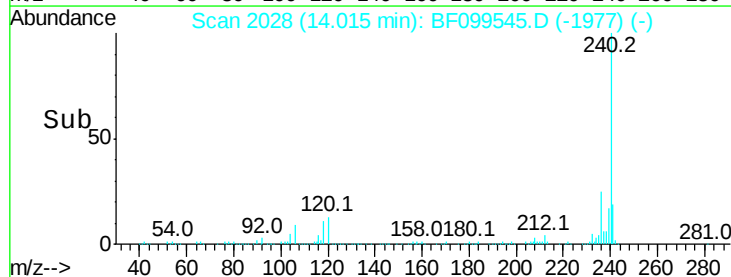
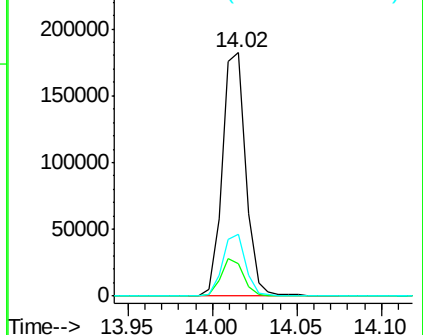


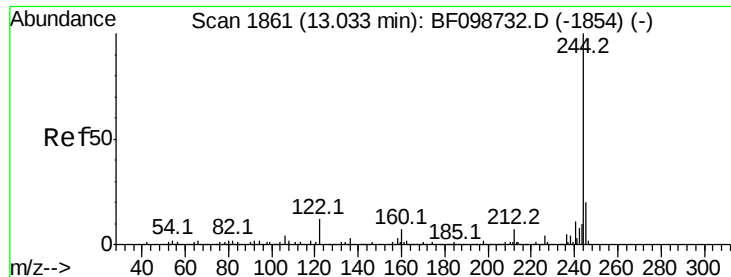
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion:240 Resp: 176747
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.3 20.7 31.1



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

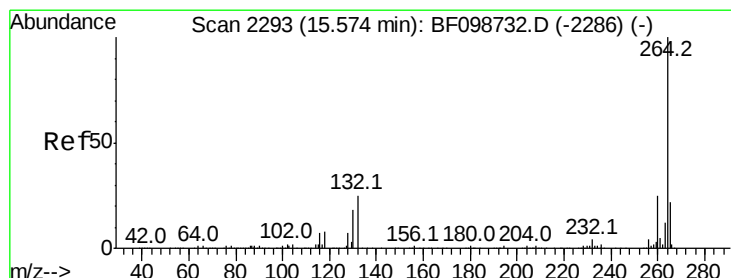
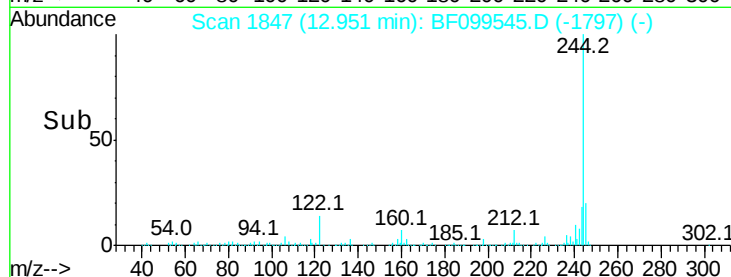
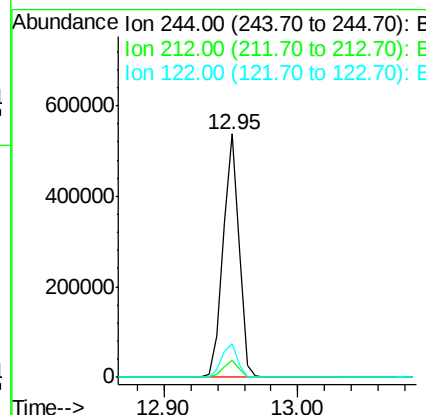
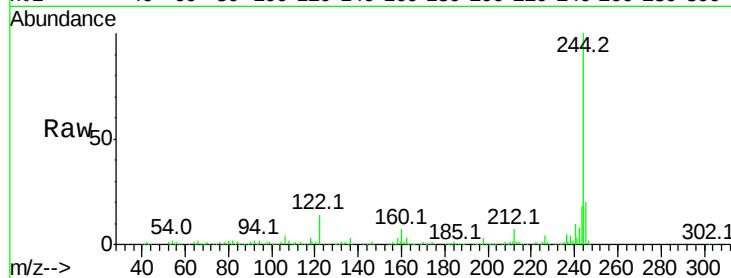




#78
 Terphenyl-d14
 Concen: 58.503 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 S1(1-3)

Tot Ion:244 Resp: 454672
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Tgt Ion:264 Resp: 194831
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.5 26.3

