

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103245.D
 Acq On : 27 Feb 2018 3:41
 Operator : SJ/JU
 Sample : J1649-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-SW@2.5

Quant Time: Feb 27 05:02:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

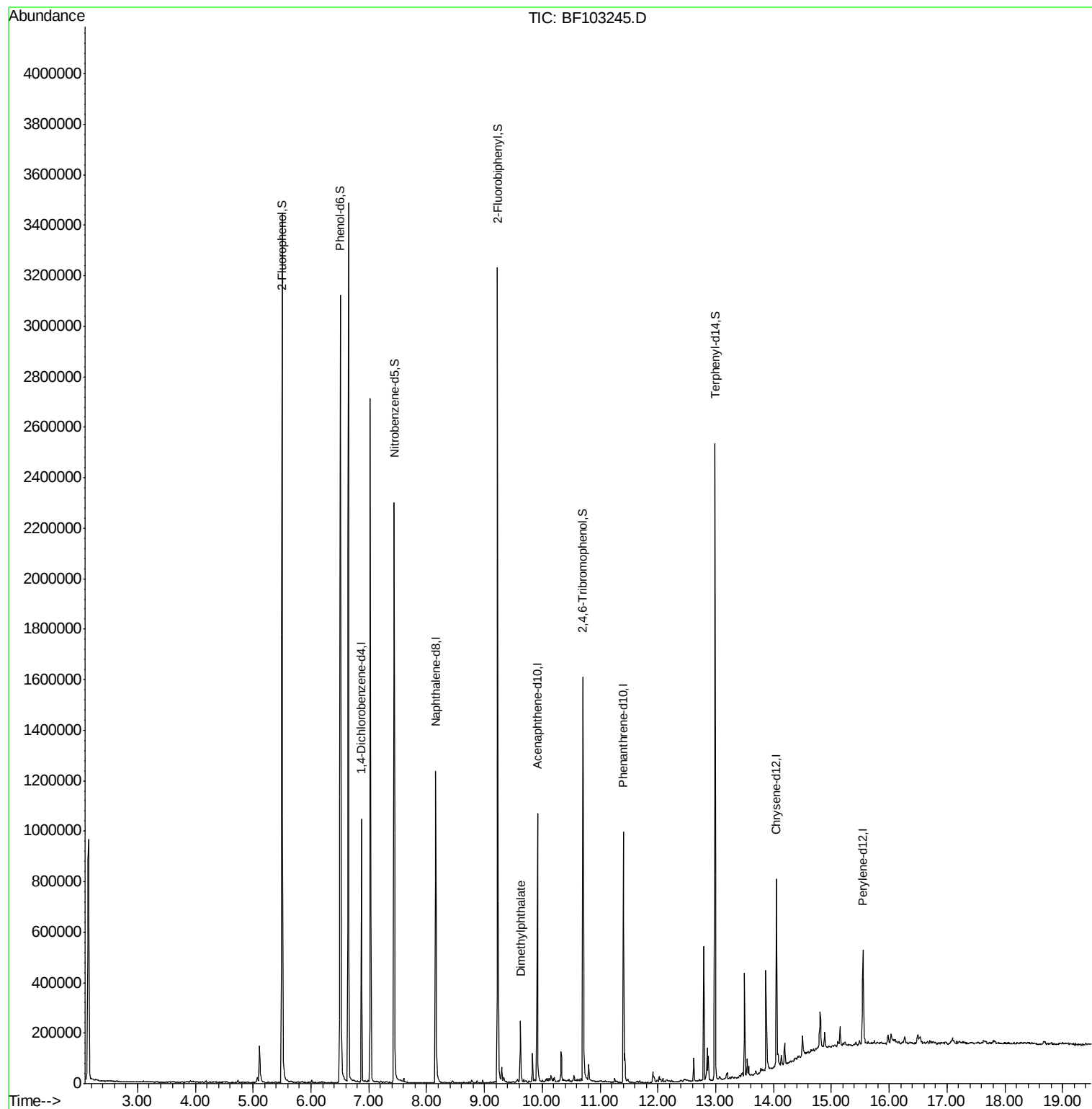
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140876	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	560128	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	217717	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345990	20.00	ng	0.00
75) Chrysene-d12	14.05	240	237550	20.00	ng	0.00
86) Perylene-d12	15.55	264	171314	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1038963	111.54	ng	0.02
7) Phenol-d6	6.51	99	1235646	108.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	741122	75.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	192318	104.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1134683	91.37	ng	0.00
78) Terphenyl-d14	12.99	244	868139	87.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	89267	5.111	ng	Qvalue 99

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

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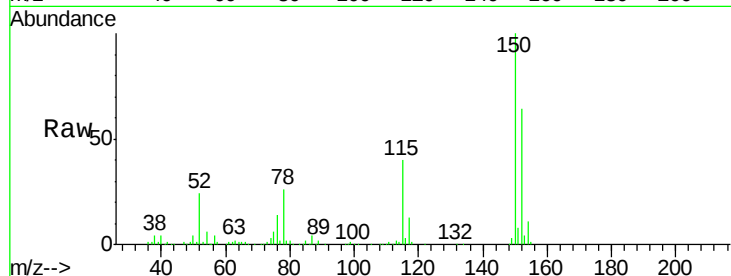


#1

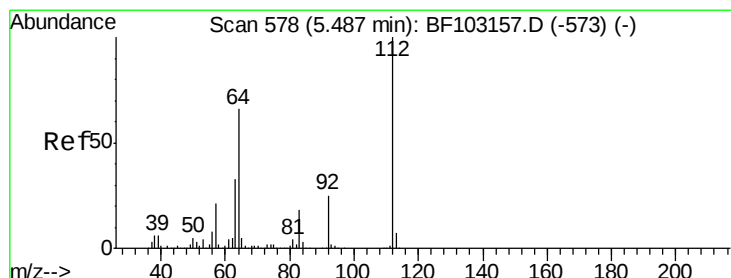
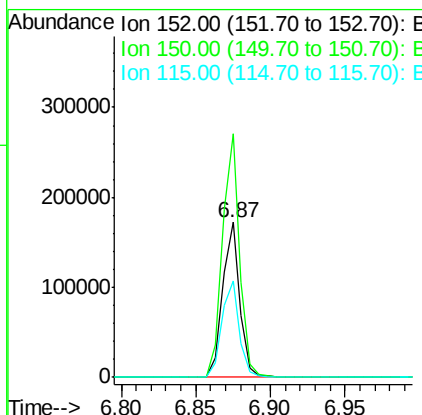
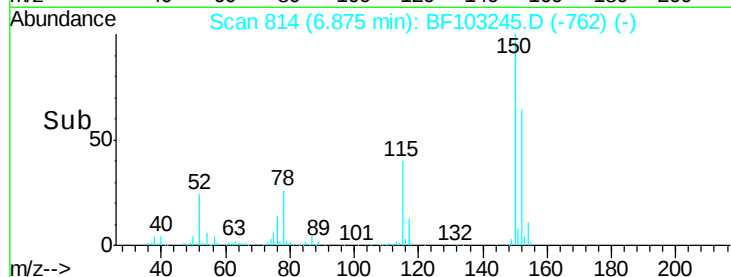
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-SW@2.5

Tot Ion:152 Resp: 140876
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 62.2 50.1 75.1



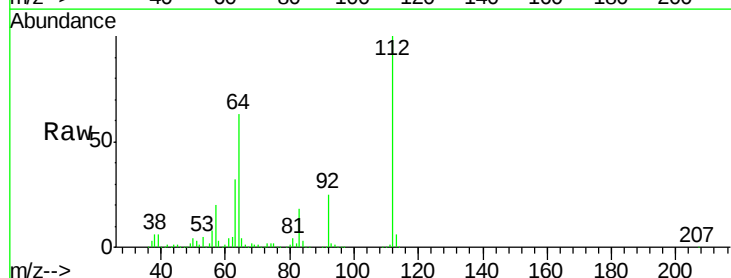
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



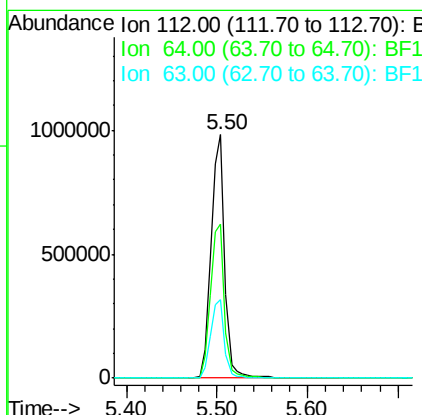
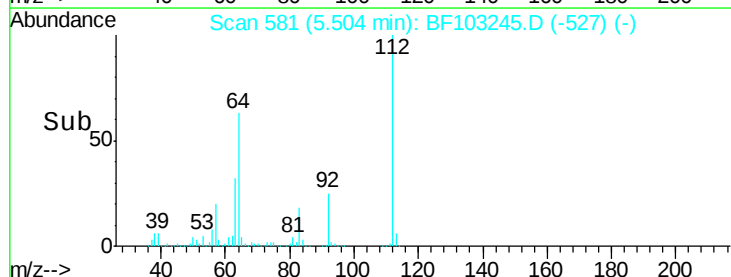
#5

2-Fluorophenol
Concen: 111.542 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Tgt Ion:112 Resp: 1038963
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 108.411 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Instrument :

BNA_F

ClientSampleId :

OIL-SEP-EXC-SW@2.5

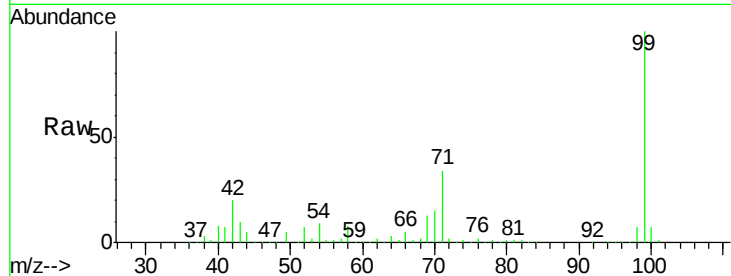
Tot Ion: 99 Resp: 1235646

Ion Ratio Lower Upper

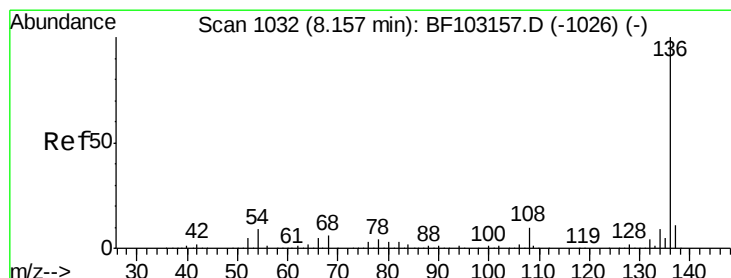
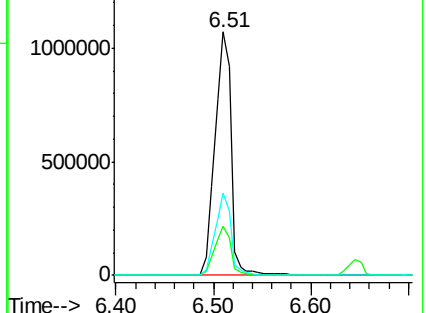
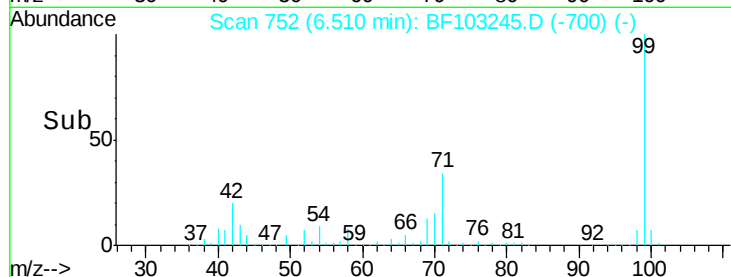
99 100

42 20.4 14.5 21.7

71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Tgt Ion: 136 Resp: 560128

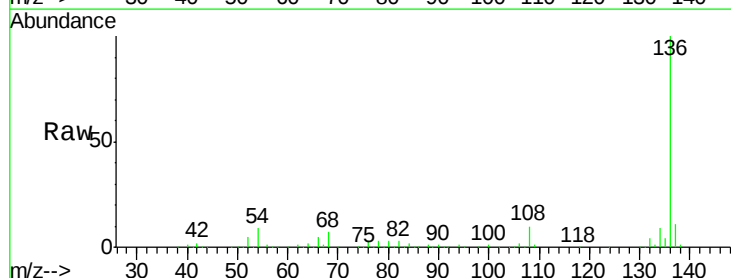
Ion Ratio Lower Upper

136 100

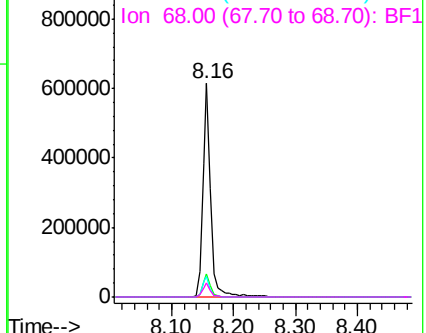
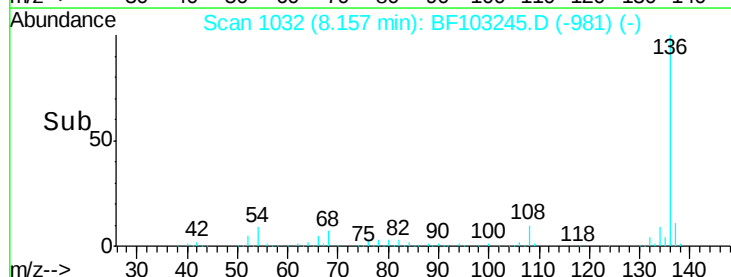
137 11.0 8.9 13.3

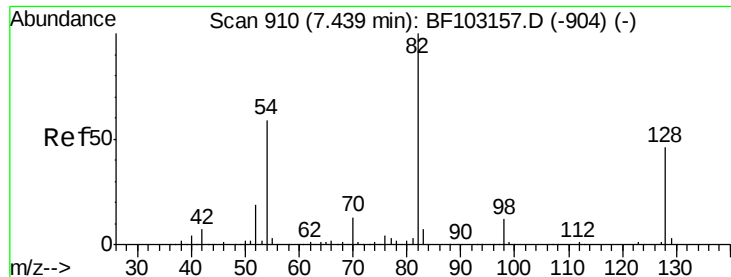
54 9.3 6.6 9.8

68 6.7 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

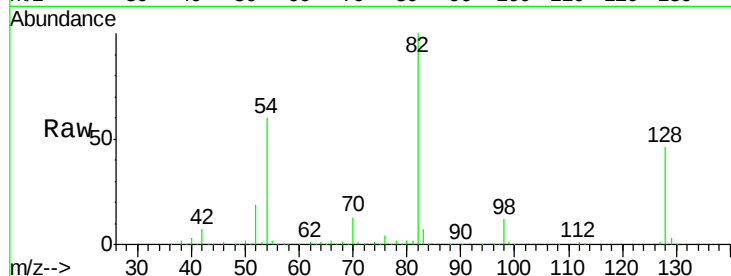




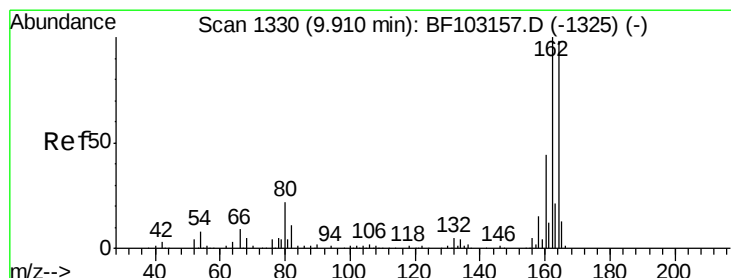
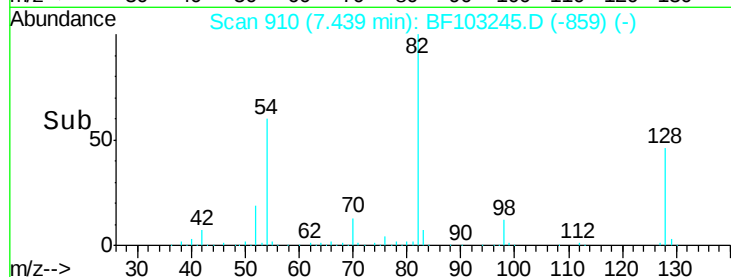
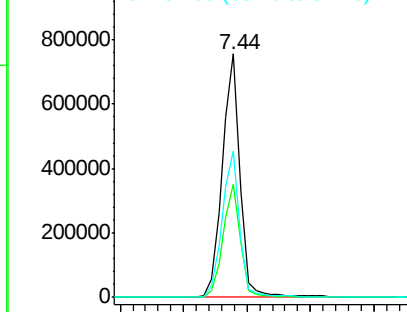
#23
Nitrobenzene-d5
Concen: 75.562 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-SW@2.5

Tot Ion: 82 Resp: 741122
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 60.0 41.4 62.2

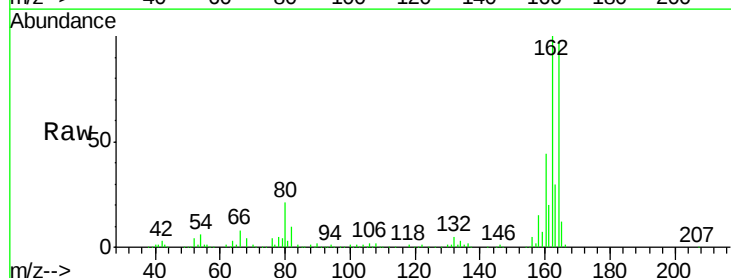


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

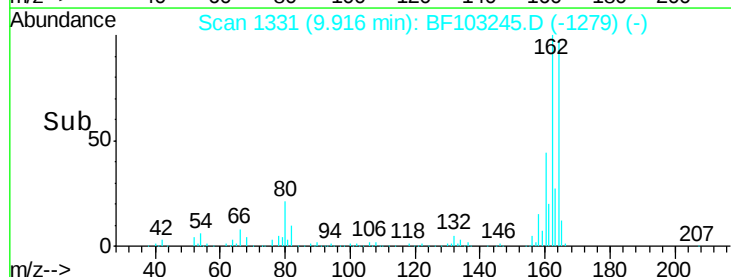
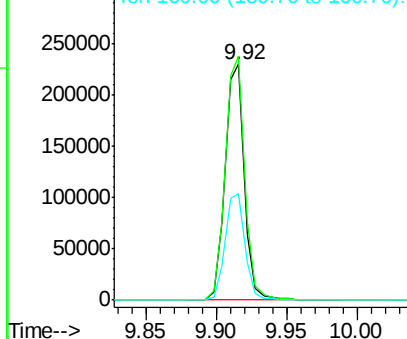


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Tgt Ion:164 Resp: 217717
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

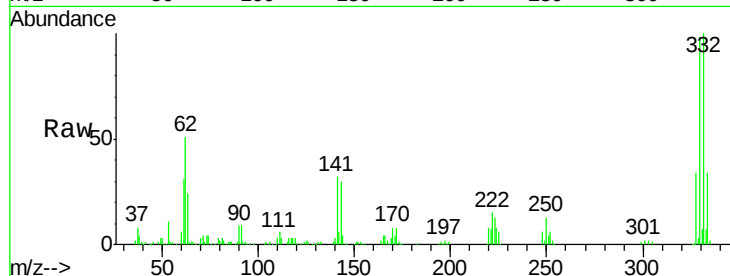




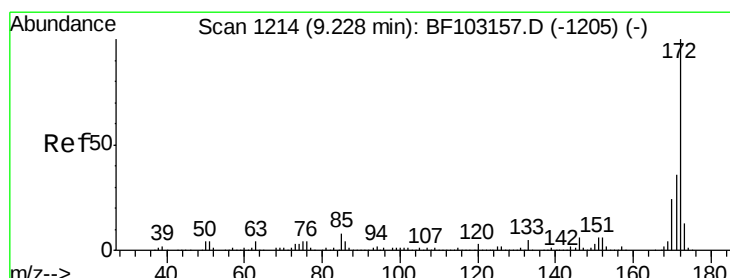
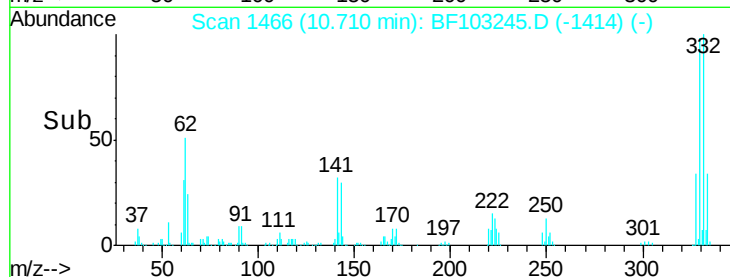
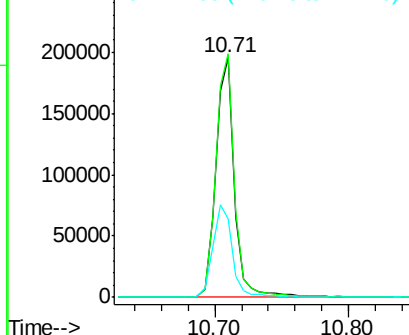
#41
 2,4,6-Tribromophenol
 Concen: 104.359 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-SW@2.5

Tot Ion:330 Resp: 192318
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 40.9 29.9 44.9

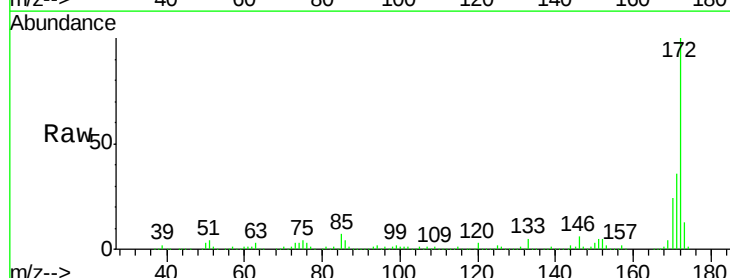


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

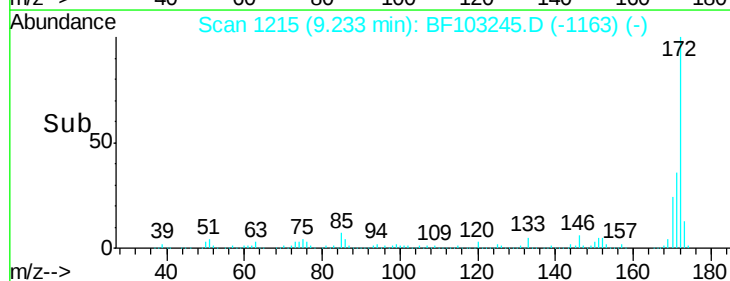
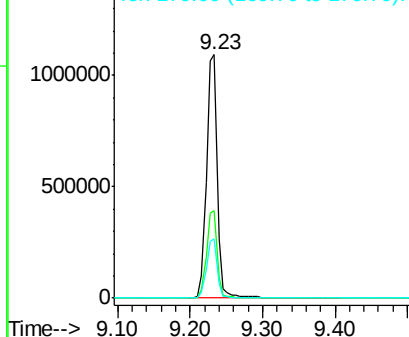


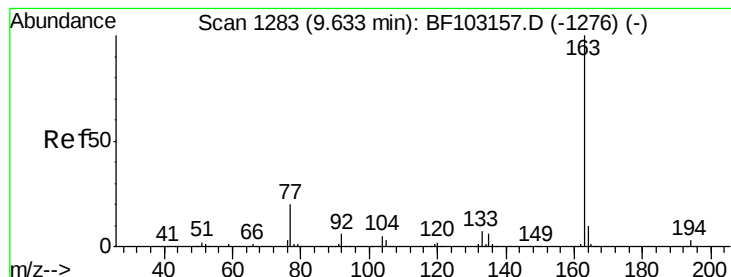
#44
 2-Fluorobiphenyl
 Concen: 91.371 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

Tgt Ion:172 Resp: 1134683
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 19.6 29.4



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: 5.111 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Instrument :

BNA_F

ClientSampleId :

OIL-SEP-EXC-SW@2.5

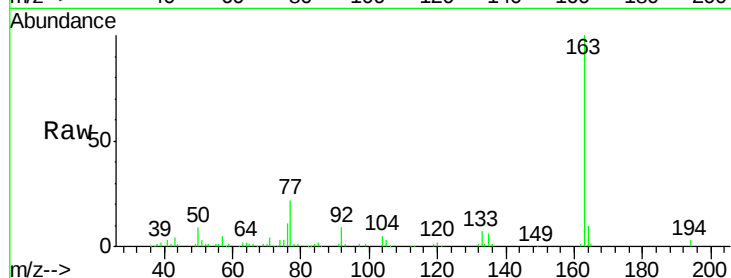
Tot Ion:163 Resp: 89267

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

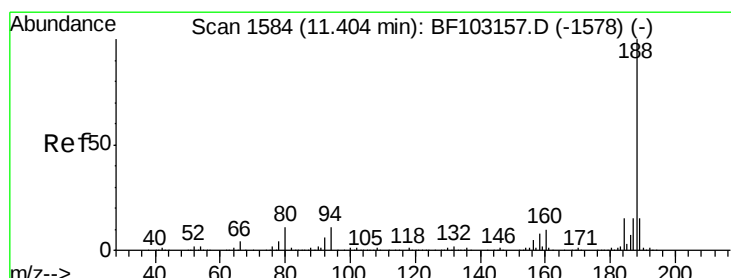
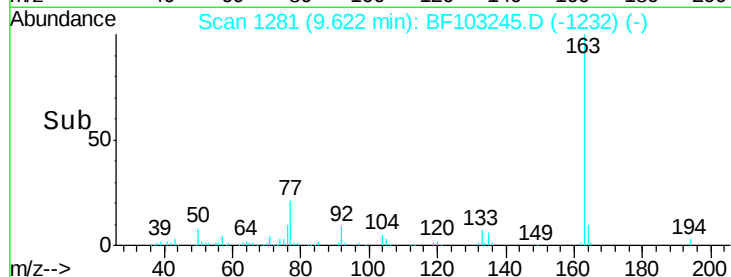
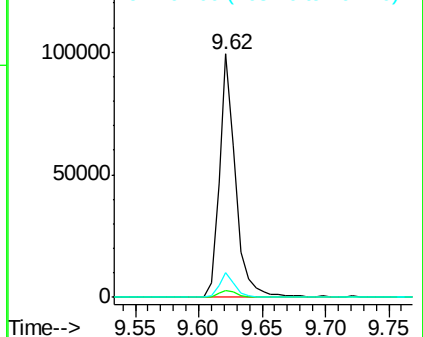
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

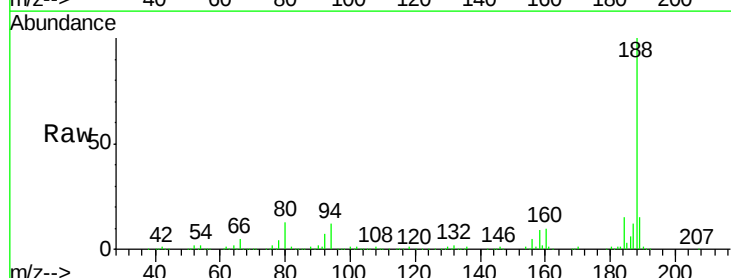
Tgt Ion:188 Resp: 345990

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

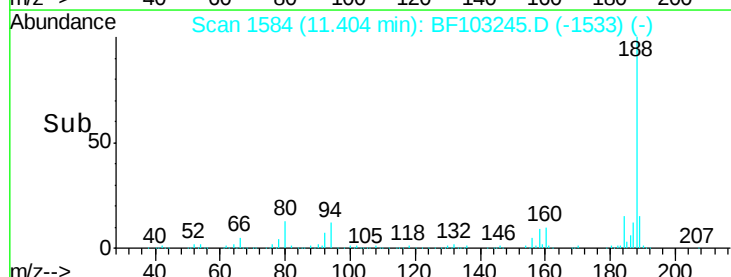
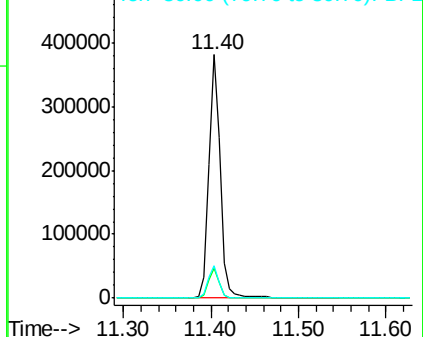
80 13.1 9.2 13.8

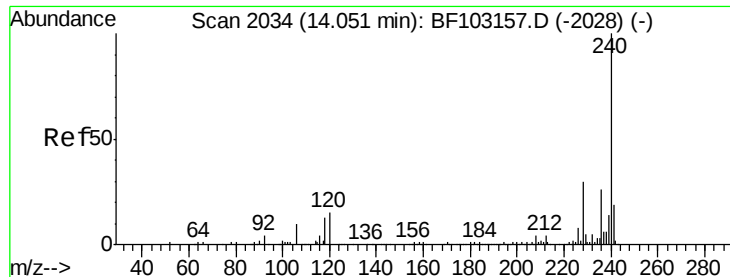


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Instrument :

BNA_F

ClientSampleId :

OIL-SEP-EXC-SW@2.5

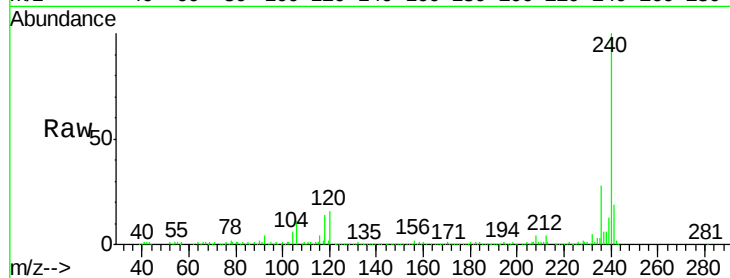
Tot Ion:240 Resp: 237550

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

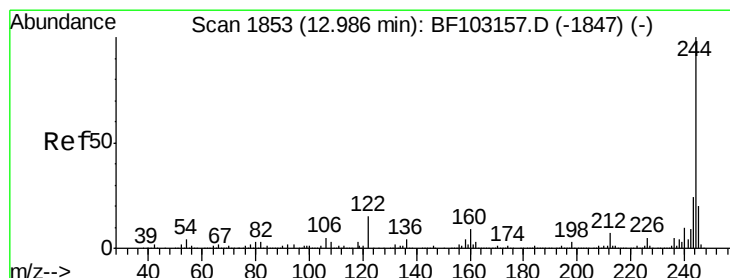
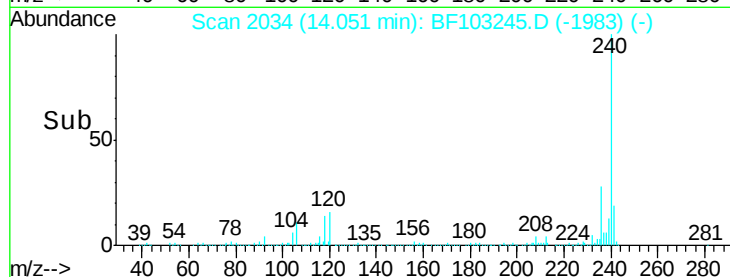
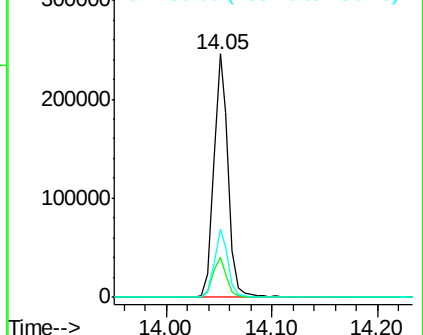
236 27.8 20.7 31.1



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: 87.851 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

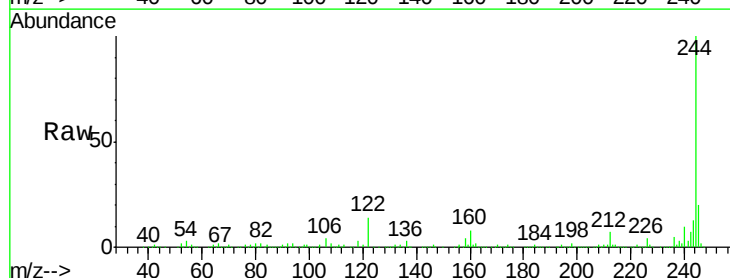
Tgt Ion:244 Resp: 868139

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

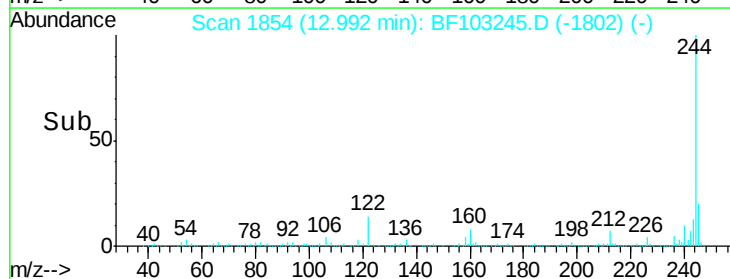
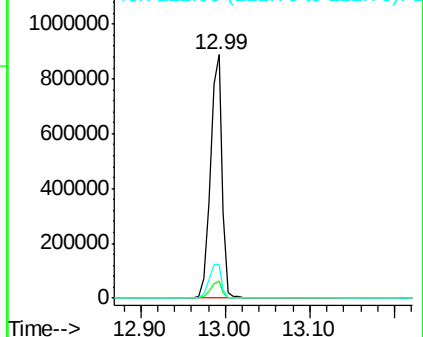
122 14.1 11.0 16.4

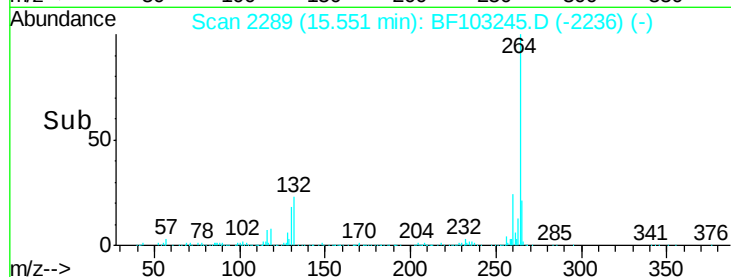
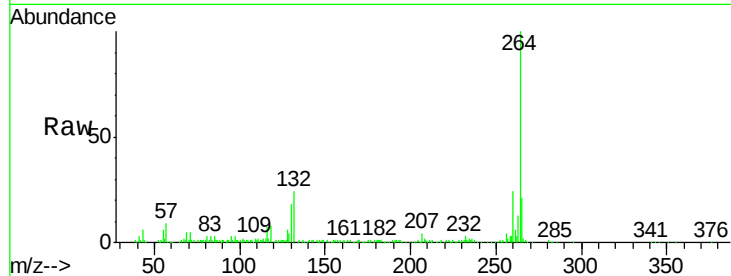
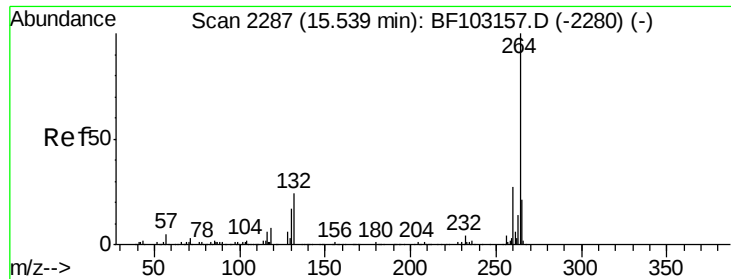


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-SW@2.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.5	26.3

