

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104283.D
 Acq On : 5 Apr 2018 21:27
 Operator : JU/SJ
 Sample : J2237-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1

Quant Time: Apr 06 01:49:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

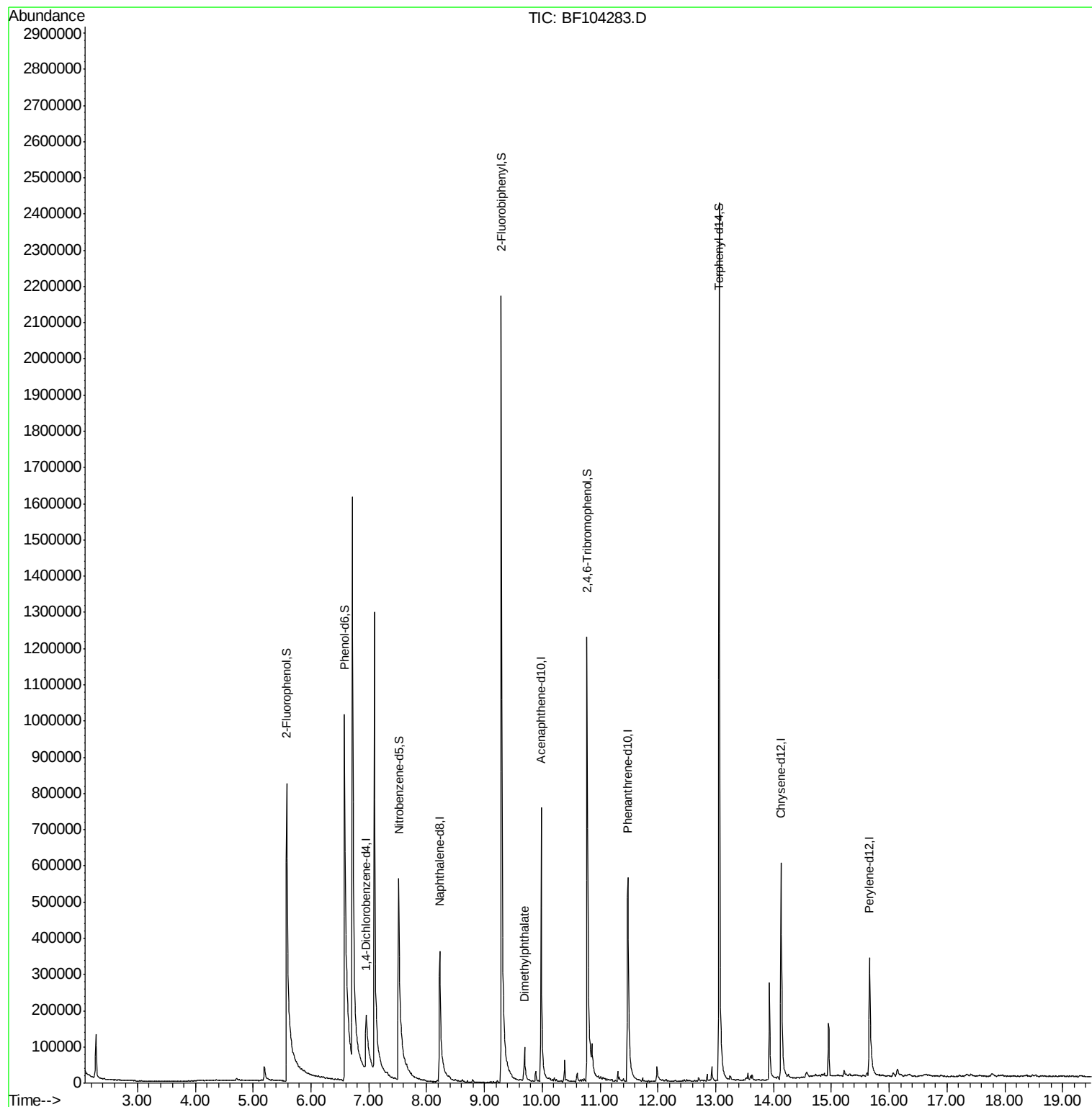
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	95045	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	453011	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	217168	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	412412	20.00	ng	0.00
75) Chrysene-d12	14.13	240	341481	20.00	ng	-0.01
86) Perylene-d12	15.66	264	254679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	705807	118.43	ng	-0.01
7) Phenol-d6	6.58	99	1041082	141.98	ng	-0.02
23) Nitrobenzene-d5	7.52	82	587046	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	287221	118.78	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1188534	86.30	ng	-0.01
78) Terphenyl-d14	13.06	244	1181088	79.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	81978	4.781	ng	Qvalue 100

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

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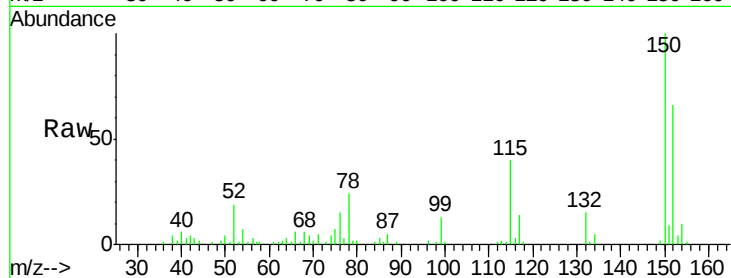


#1

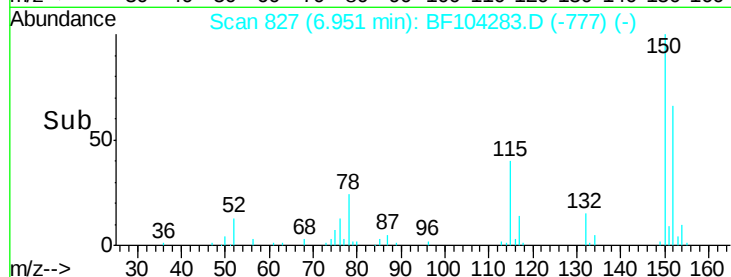
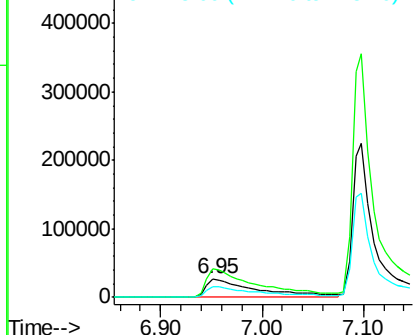
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SC-1

Tot Ion:152 Resp: 95045
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 60.2 50.1 75.1



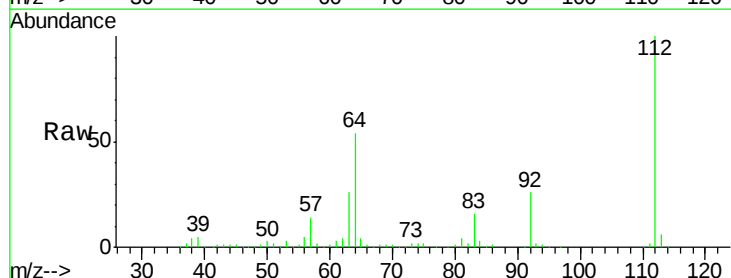
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



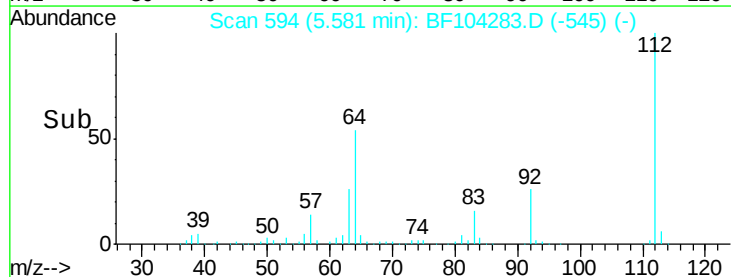
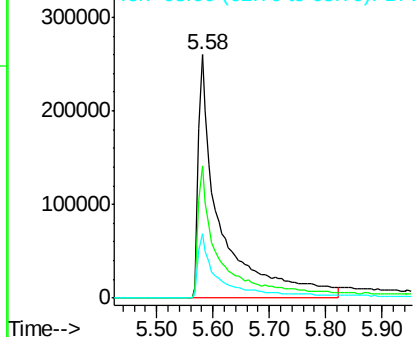
#5

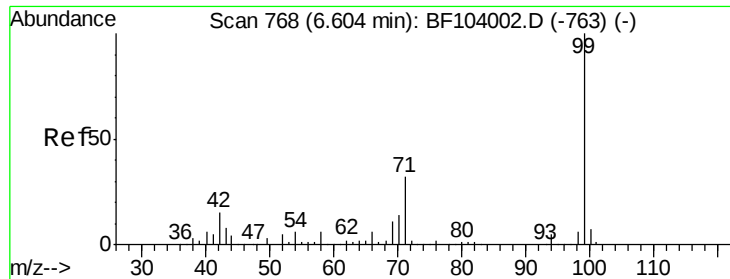
2-Fluorophenol
Concen: 118.426 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion:112 Resp: 705807
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.2 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: 141.983 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

Instrument :

BNA_F

ClientSampled :

SC-1

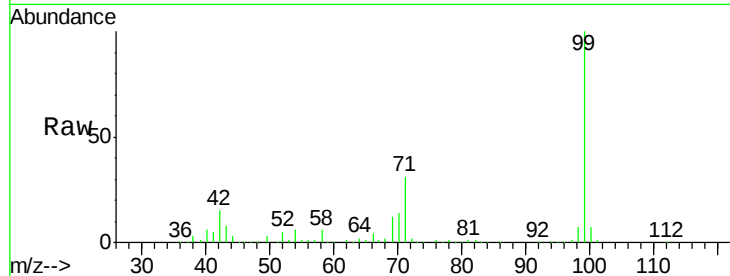
Tot Ion: 99 Resp: 1041082

Ion Ratio Lower Upper

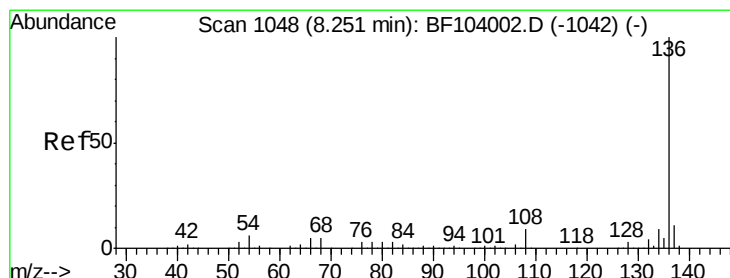
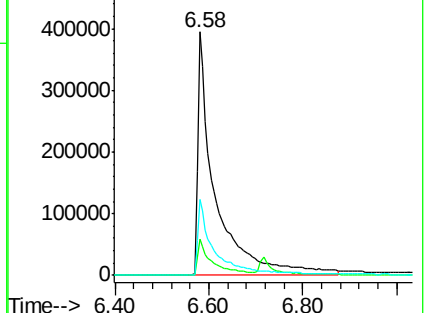
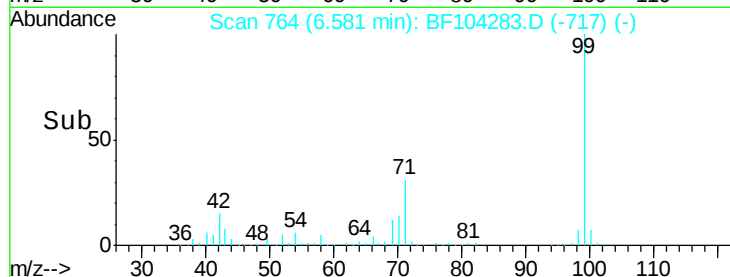
99 100

42 15.1 14.5 21.7

71 31.2 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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

Tgt Ion: 136 Resp: 453011

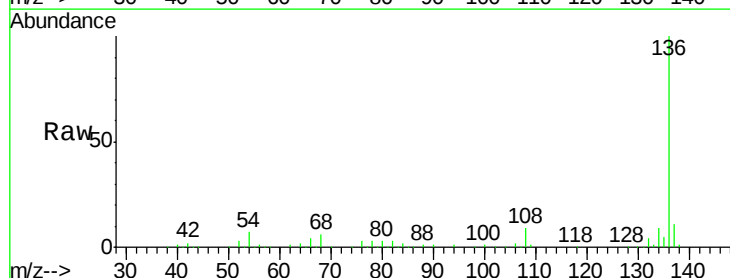
Ion Ratio Lower Upper

136 100

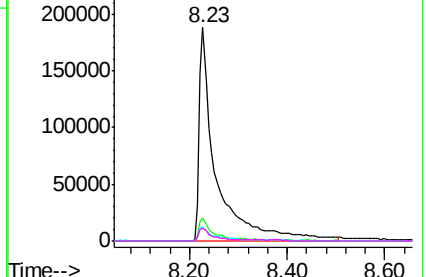
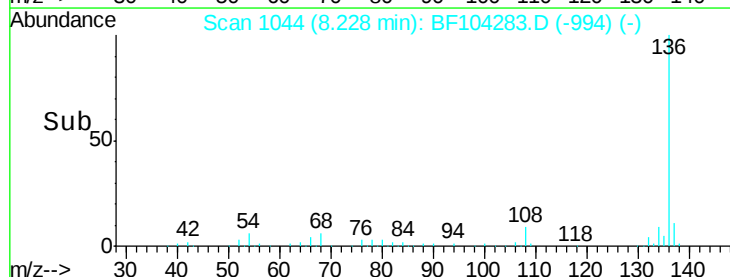
137 11.1 8.9 13.3

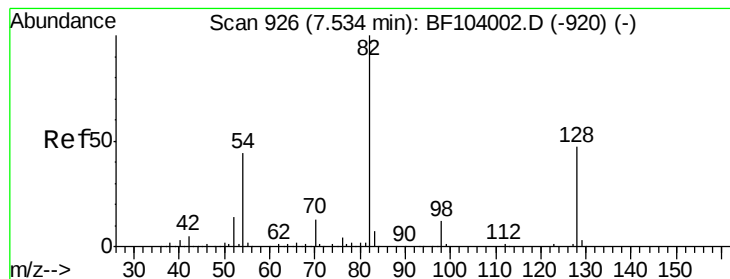
54 6.7 6.6 9.8

68 6.1 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: 79.250 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

SC-1

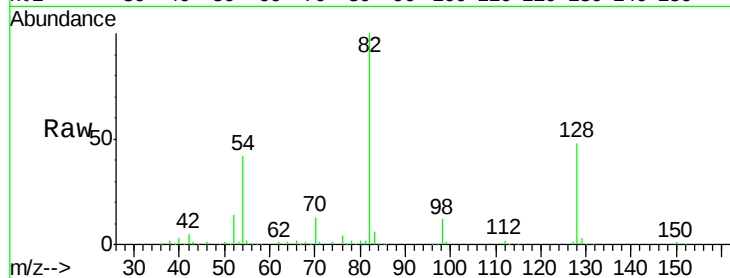
Tot Ion: 82 Resp: 587046

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

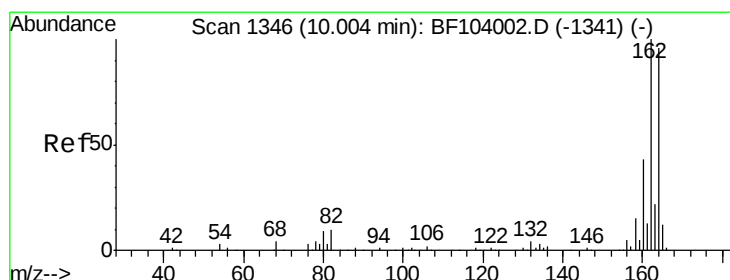
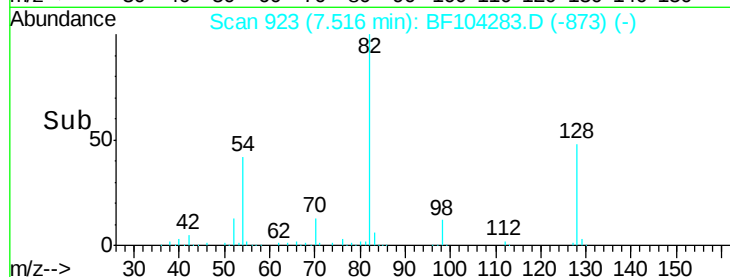
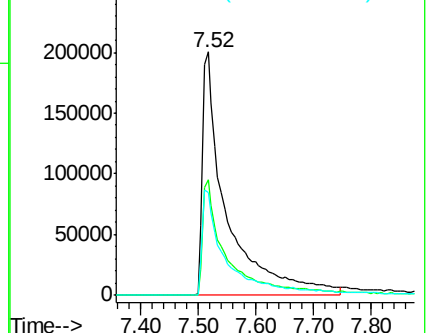
54 42.1 41.4 62.2



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

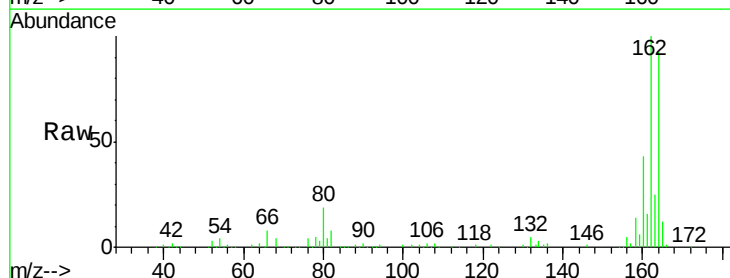
Tgt Ion:164 Resp: 217168

Ion Ratio Lower Upper

164 100

162 107.9 86.1 129.1

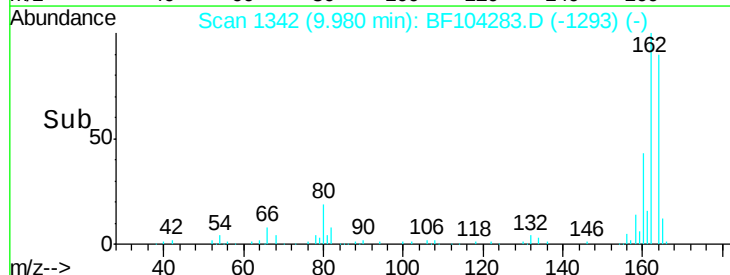
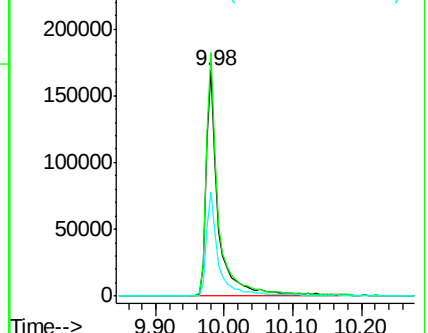
160 46.2 38.3 57.5

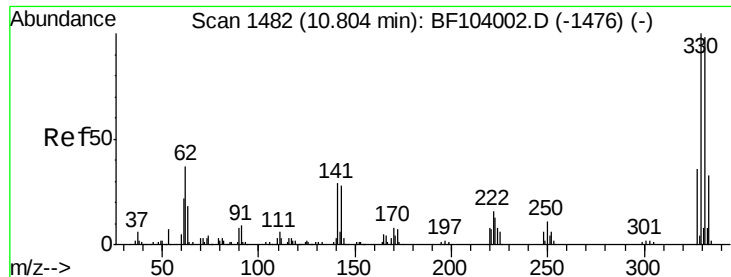


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

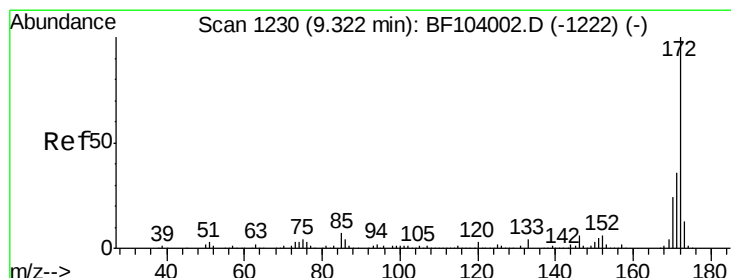
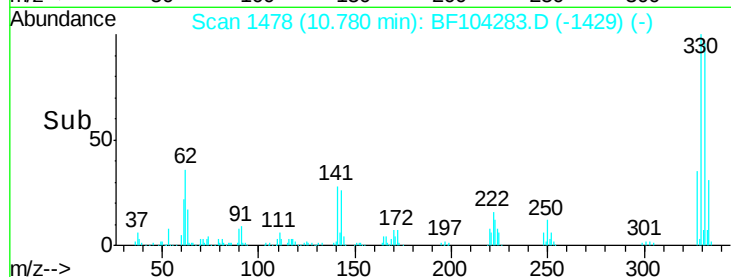
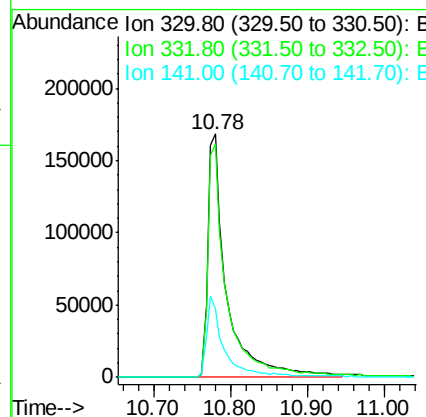
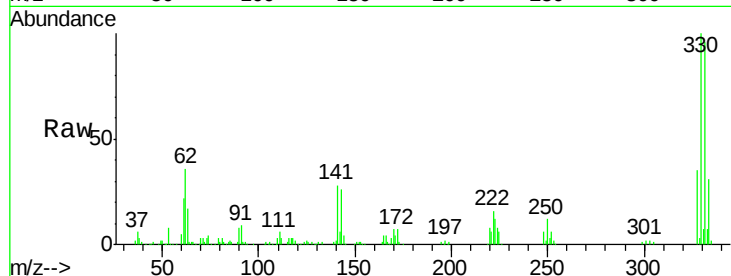




#41
 2,4,6-Tribromophenol
 Concen: 118.776 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

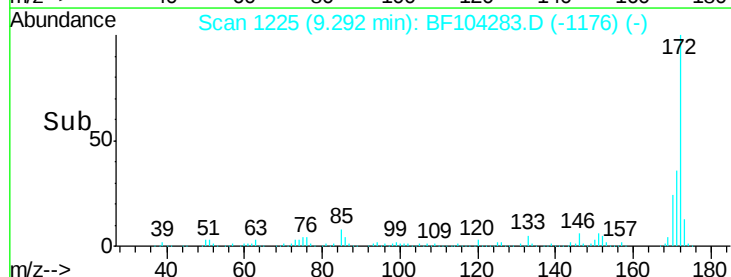
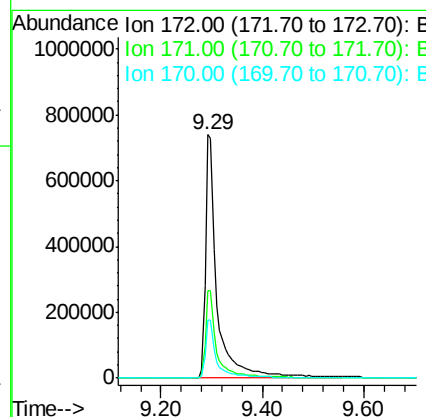
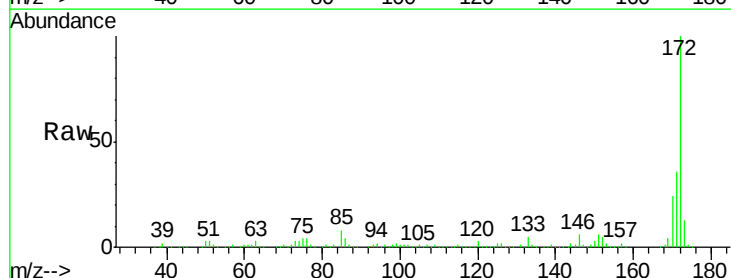
Instrument :
 BNA_F
 ClientSampleId :
 SC-1

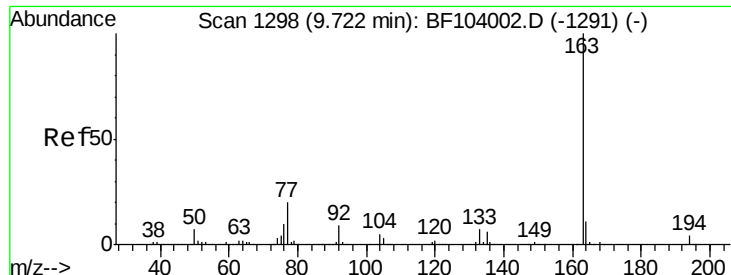
Tot Ion:330 Resp: 287221
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 31.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.303 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF104283.D
 Acq: 5 Apr 2018 21:27

Tgt Ion:172 Resp: 1188534
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.7 19.6 29.4

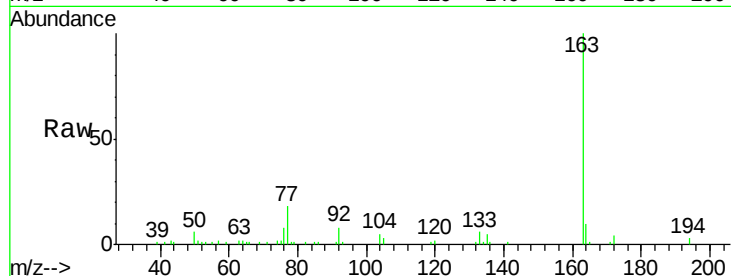




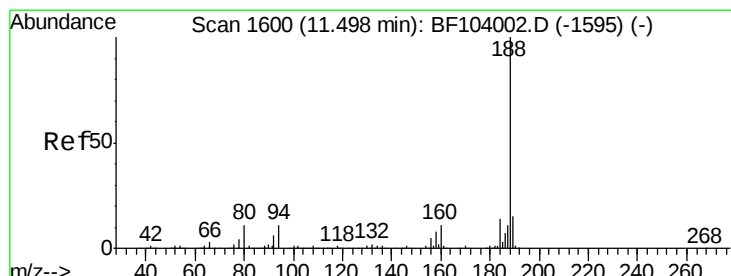
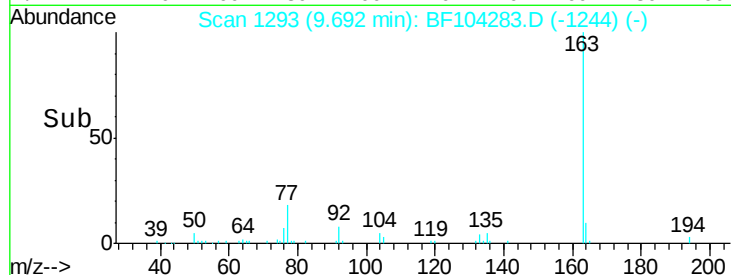
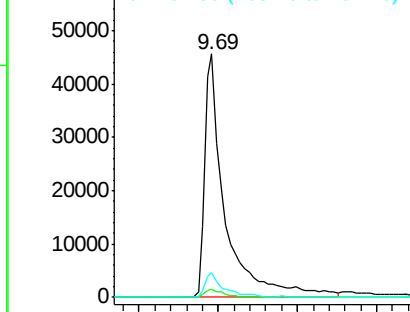
#49
Dimethylphthalate
Concen: 4.781 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SC-1

Tot Ion:163 Resp: 81978
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2

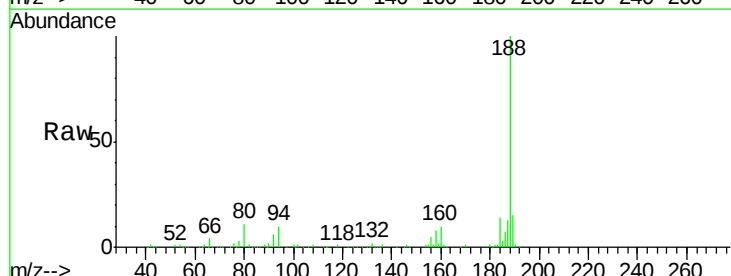


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

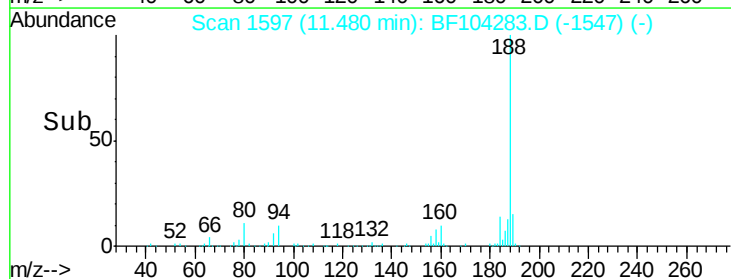
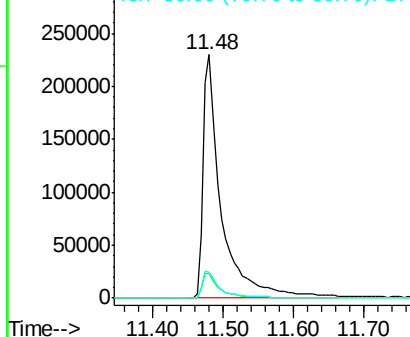


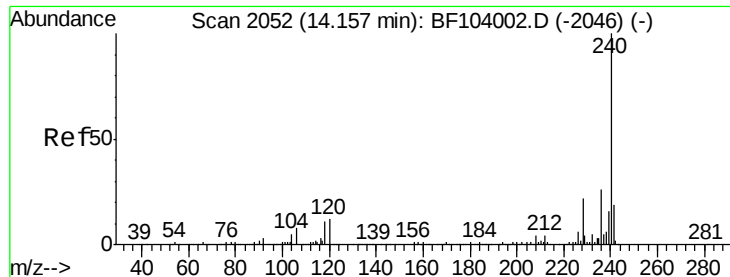
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Tgt Ion:188 Resp: 412412
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

Instrument :

BNA_F

ClientSampled :

SC-1

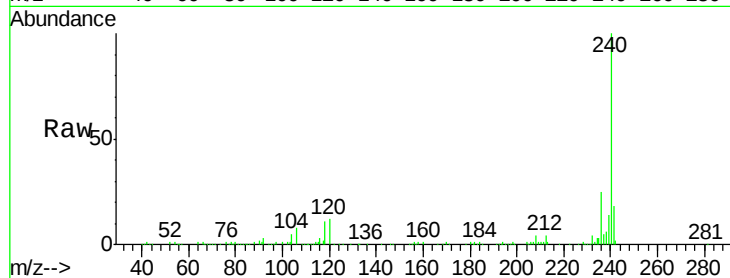
Tot Ion:240 Resp: 341481

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

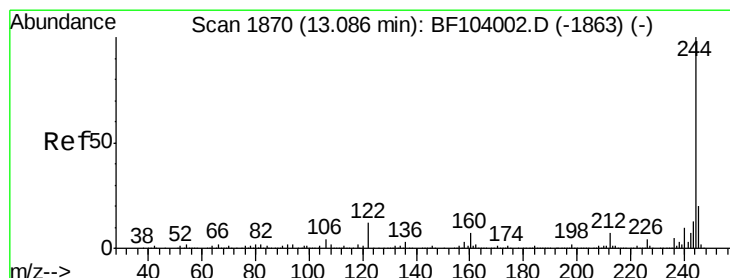
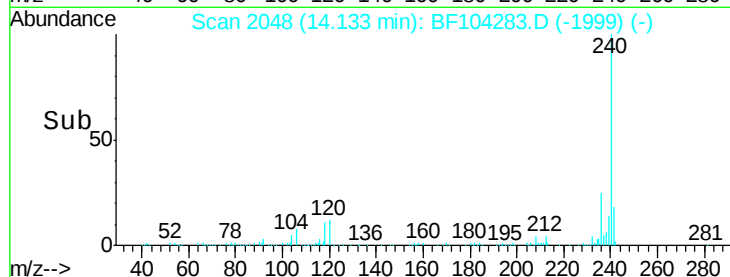
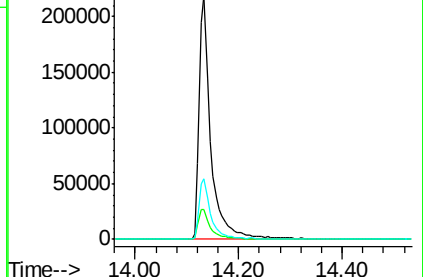
236 25.0 20.7 31.1



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: 79.860 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104283.D

Acq: 5 Apr 2018 21:27

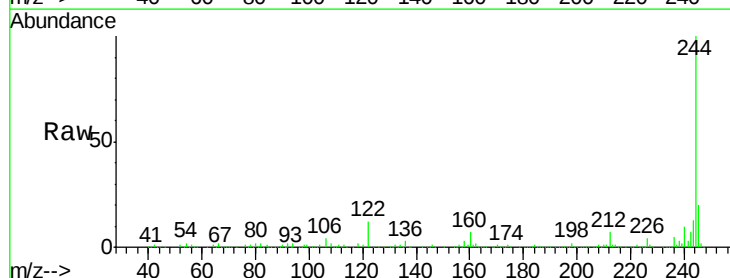
Tgt Ion:244 Resp: 1181088

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

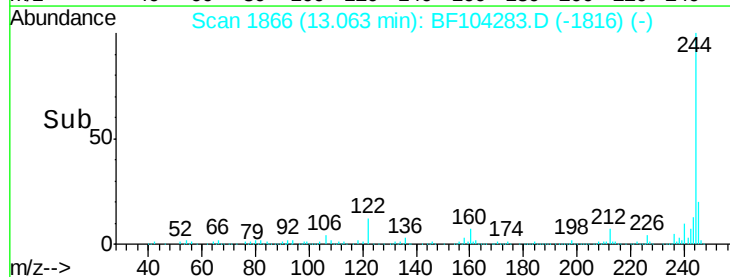
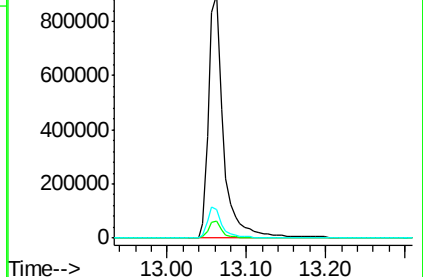
122 11.7 11.0 16.4

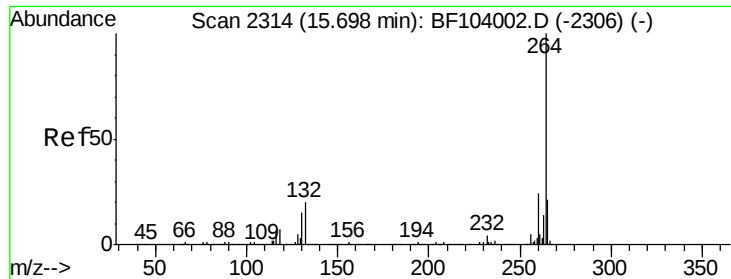


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



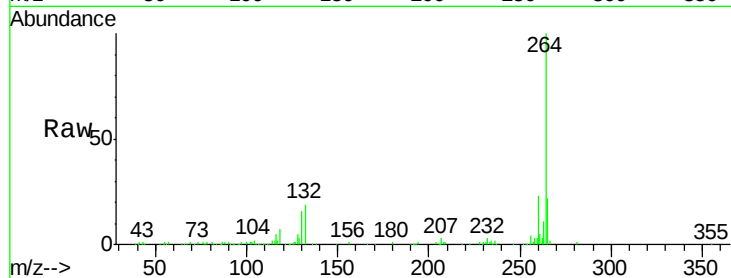


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.02 min
Lab File: BF104283.D
Acq: 5 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SC-1

Tot Ion: 264 Resp: 254679

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3



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

