

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104255.D
 Acq On : 5 Apr 2018 5:26
 Operator : JU/SJ
 Sample : J2201-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-4

Quant Time: Apr 05 06:47:58 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

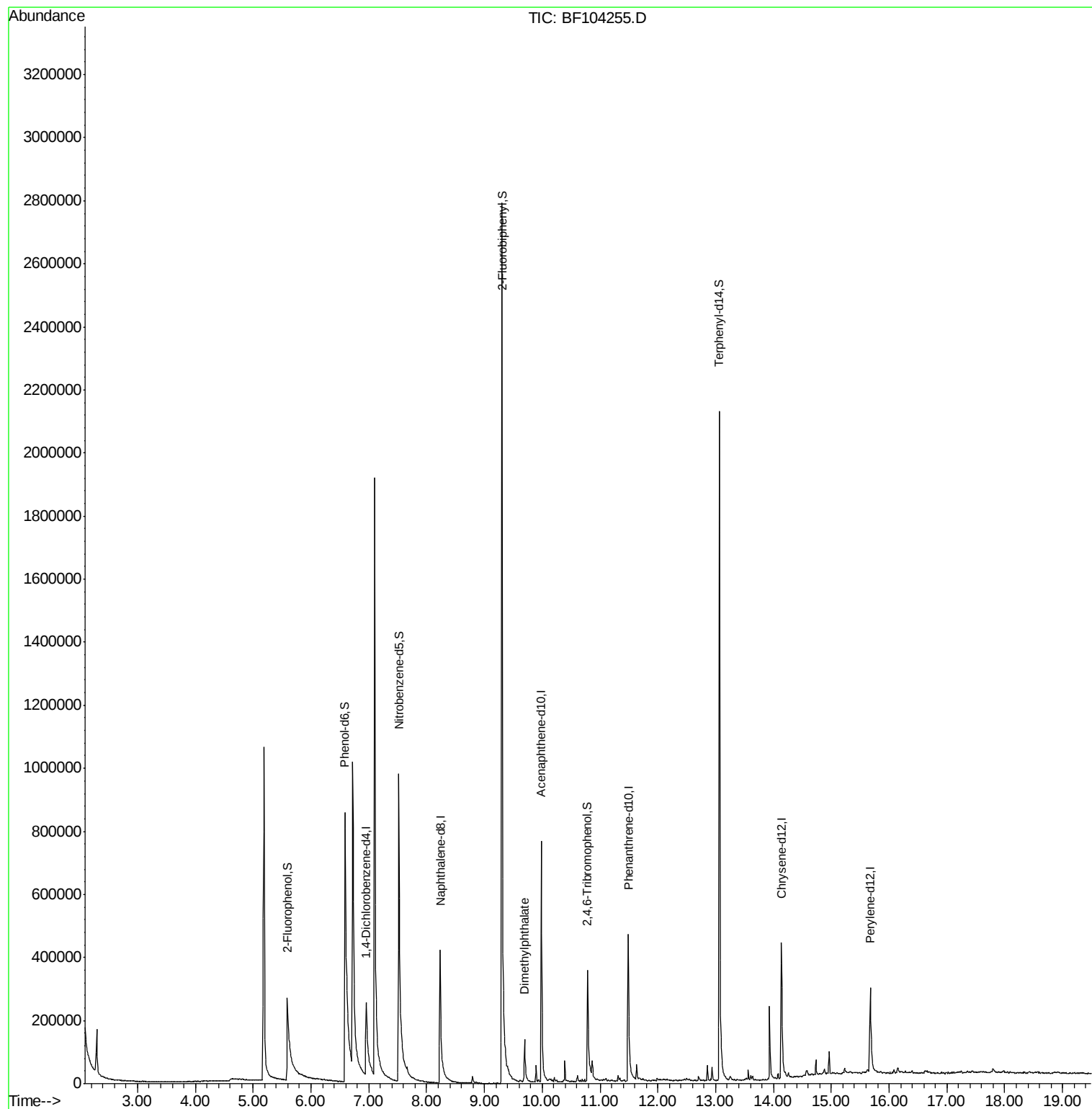
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	108078	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	462522	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	208057	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	326496	20.00	ng	0.00
75) Chrysene-d12	14.14	240	229657	20.00	ng	0.00
86) Perylene-d12	15.67	264	197721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	335121	49.45	ng	0.00
7) Phenol-d6	6.59	99	930169	111.56	ng	-0.02
23) Nitrobenzene-d5	7.52	82	767136	101.43	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	94424	40.76	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1377315	104.39	ng	0.00
78) Terphenyl-d14	13.07	244	1006105	101.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	98126	5.974	ng	Qvalue 100

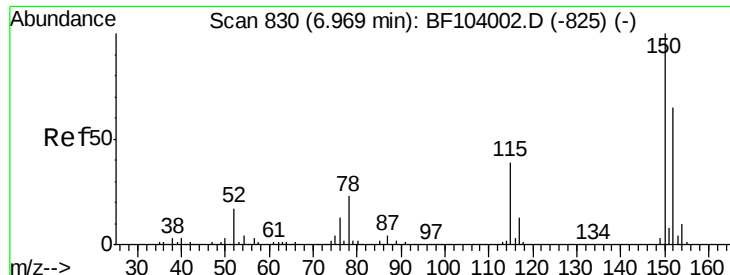
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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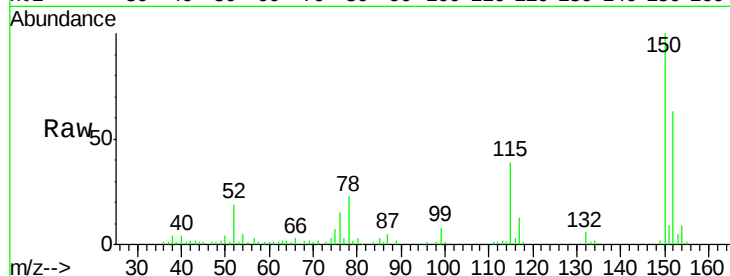


#1

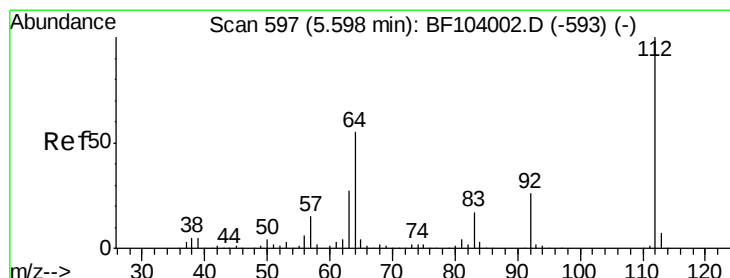
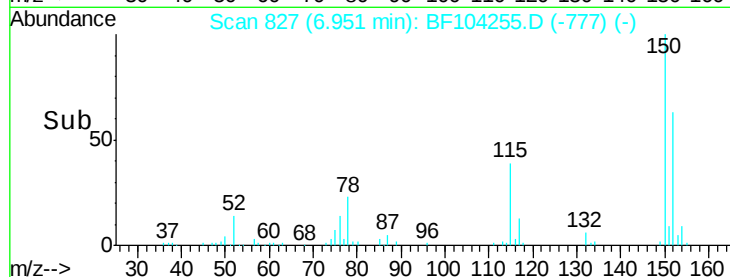
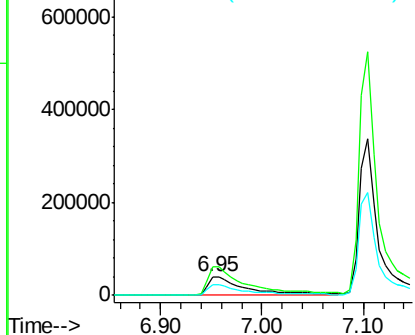
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Instrument :
BNA_F
ClientSampleId :
MS-4

Tot Ion:152 Resp: 108078
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 61.2 50.1 75.1



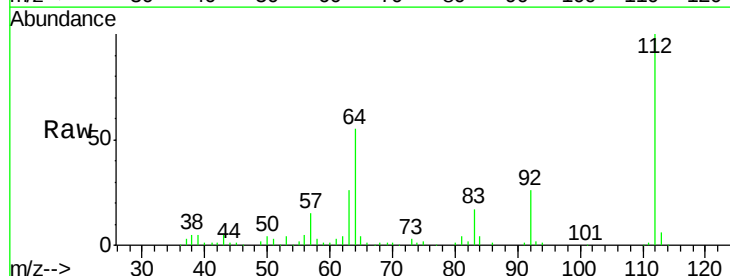
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



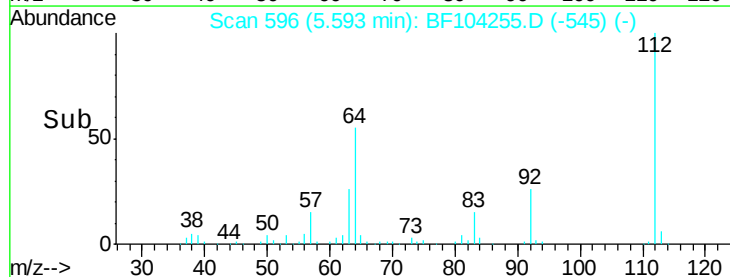
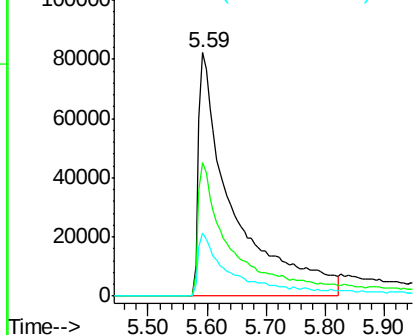
#5

2-Fluorophenol
Concen: 49.449 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Tgt Ion:112 Resp: 335121
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 26.0 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: 111.559 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

Instrument :

BNA_F

ClientSampleId :

MS-4

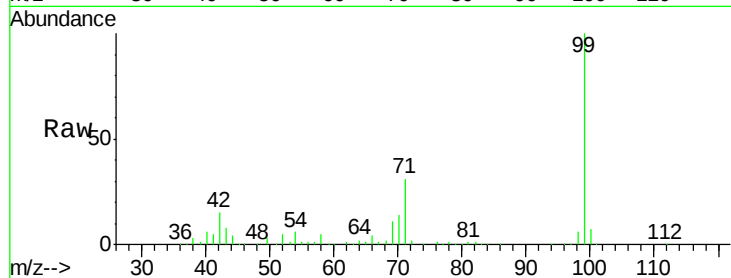
Tot Ion: 99 Resp: 930169

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

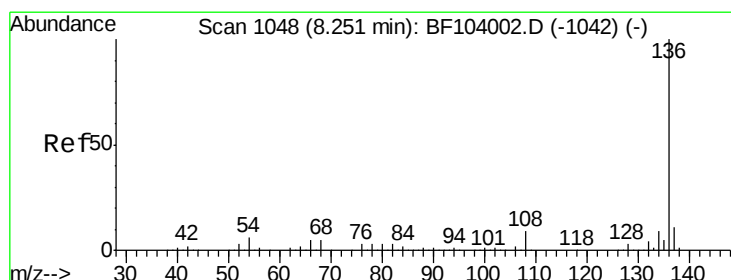
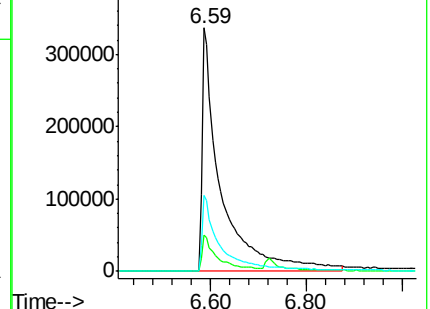
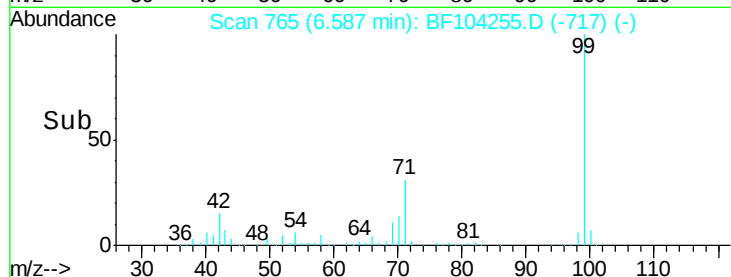
71 31.4 25.4 38.0



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# 1045

Delta R.T. 0.00 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

Tgt Ion: 136 Resp: 462522

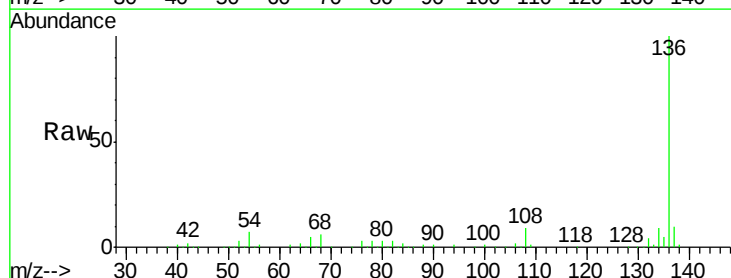
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

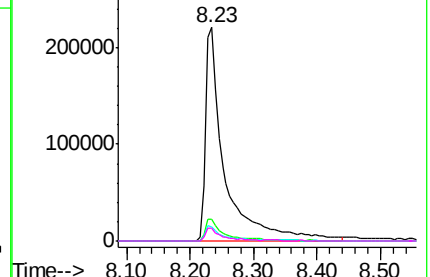
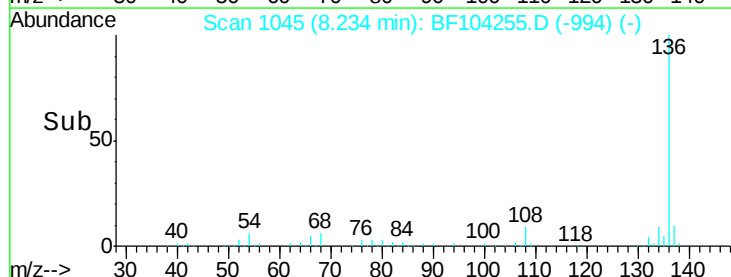


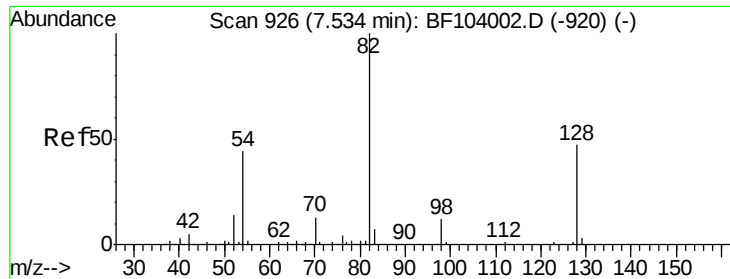
Abundance Ion 136.00 (135.70 to 136.70): E

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

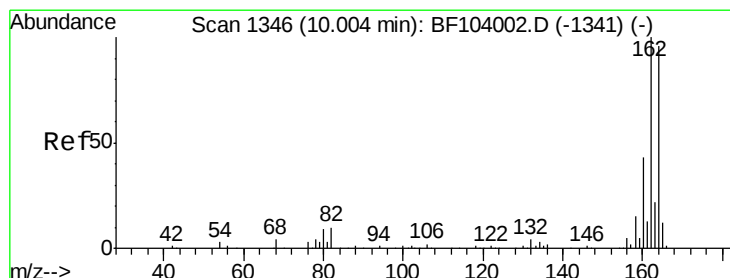
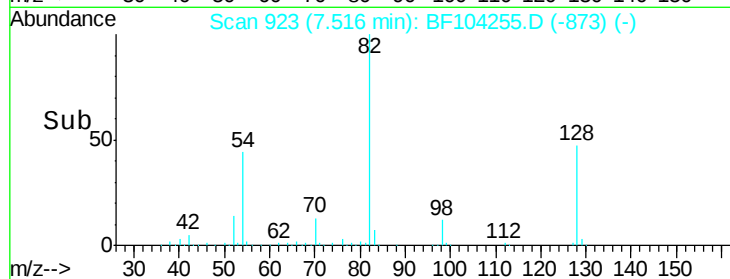
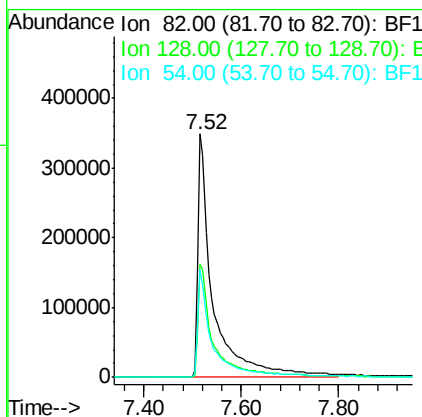
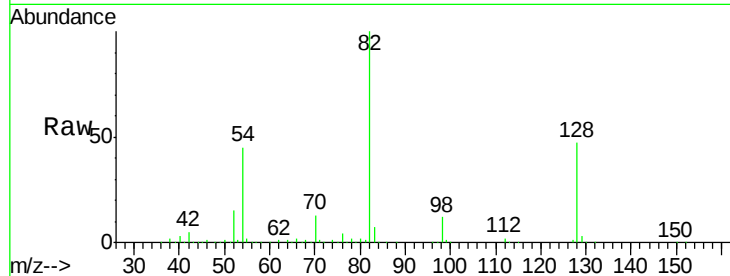




#23
Nitrobenzene-d5
Concen: 101.432 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

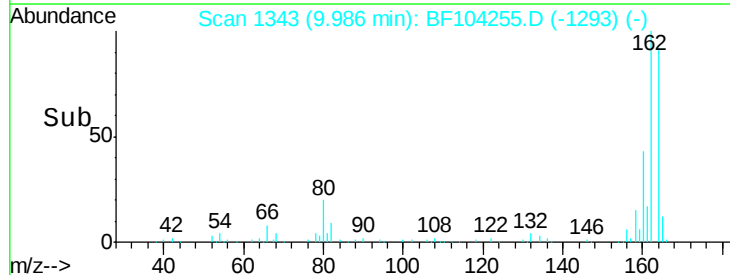
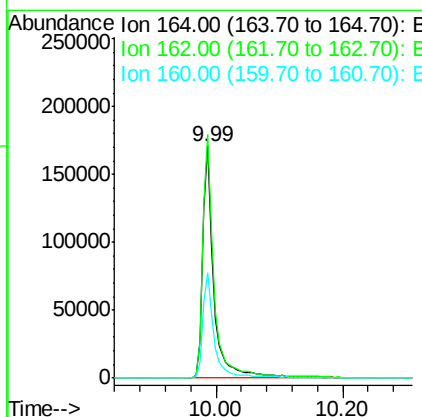
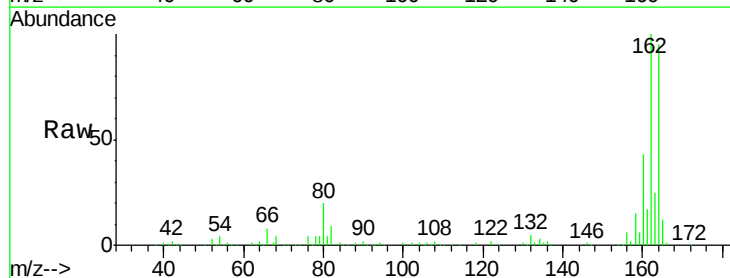
Instrument :
BNA_F
ClientSampleId :
MS-4

Tot Ion: 82 Resp: 767136
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 44.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Tgt Ion:164 Resp: 208057
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.3 38.3 57.5

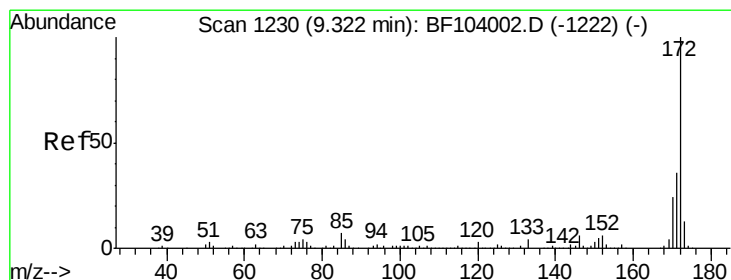
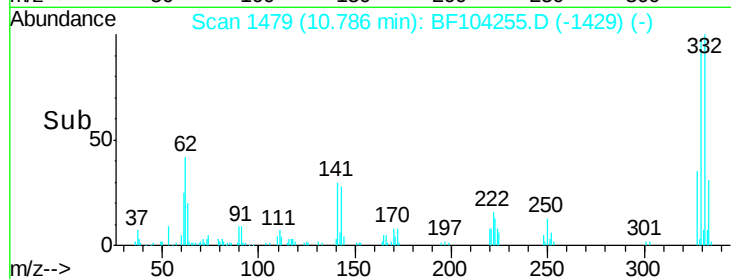
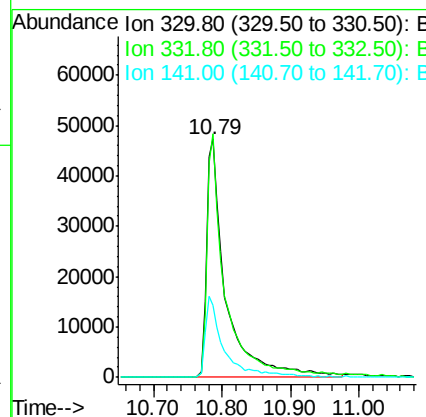
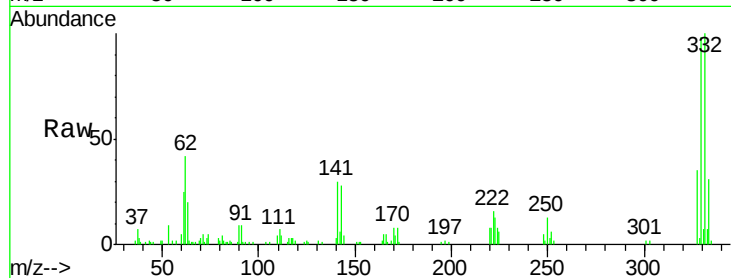




#41
 2,4,6-Tribromophenol
 Concen: 40.758 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

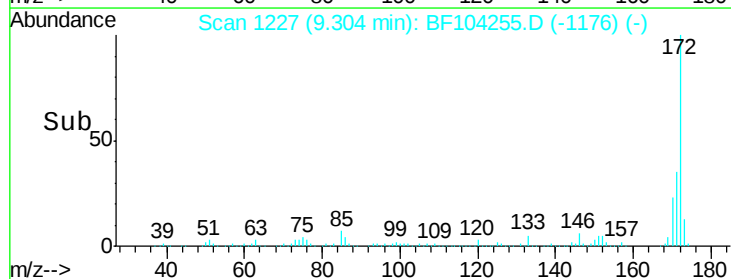
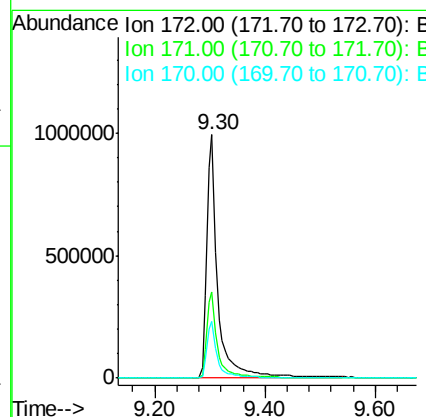
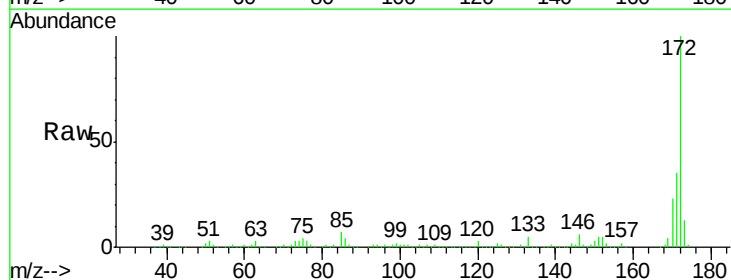
Instrument :
 BNA_F
 ClientSampleId :
 MS-4

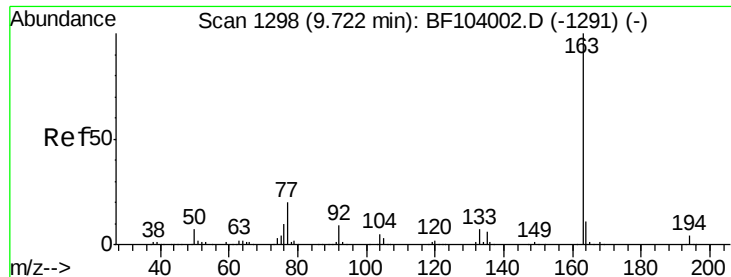
Tot Ion:330 Resp: 94424
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 31.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 104.390 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Tgt Ion:172 Resp: 1377315
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.2 19.6 29.4

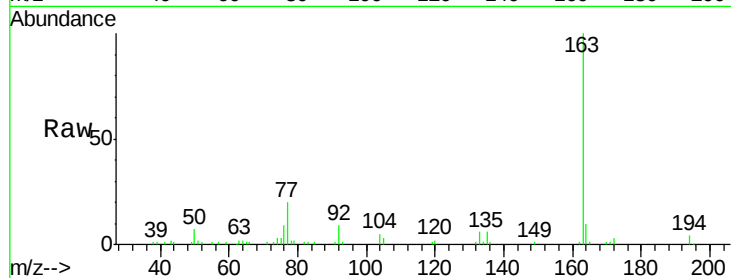




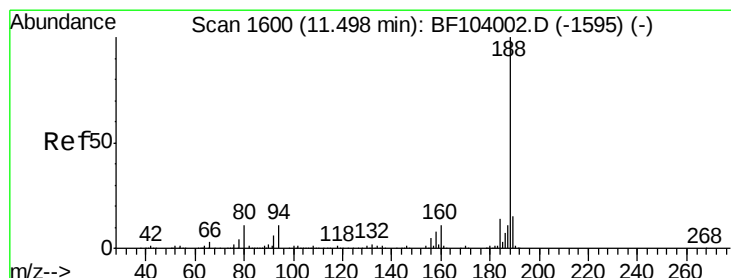
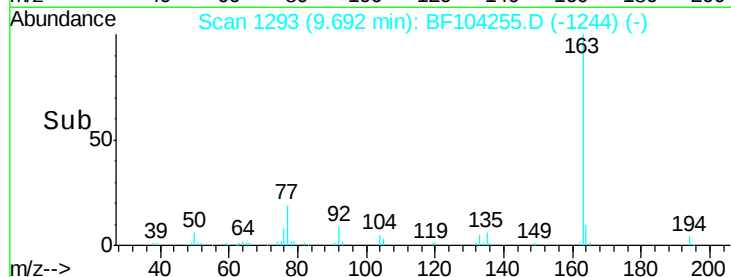
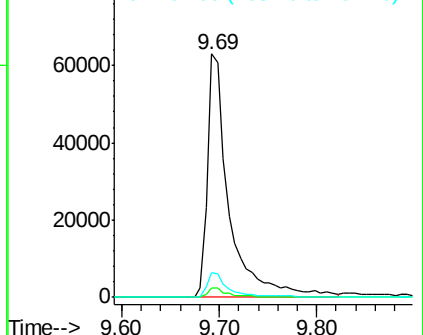
#49
Dimethylphthalate
Concen: 5.974 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Instrument :
BNA_F
ClientSampleId :
MS-4

Tot Ion:163 Resp: 98126
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

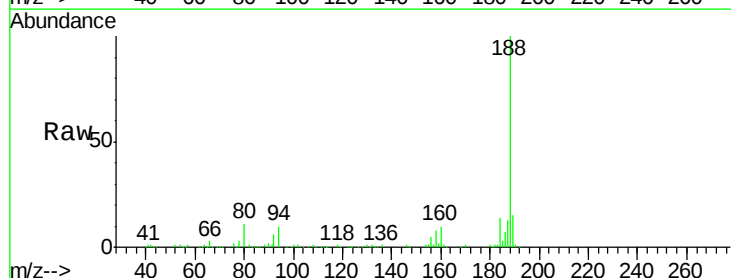


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

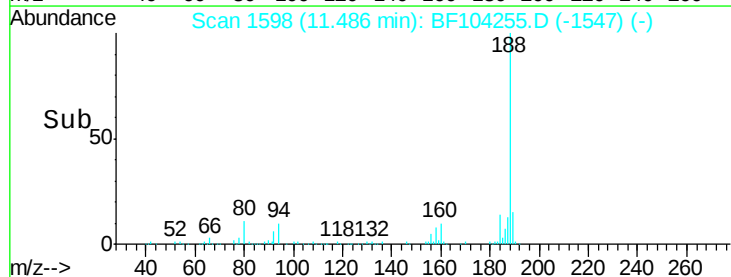
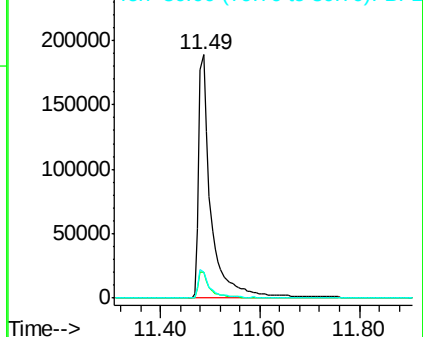


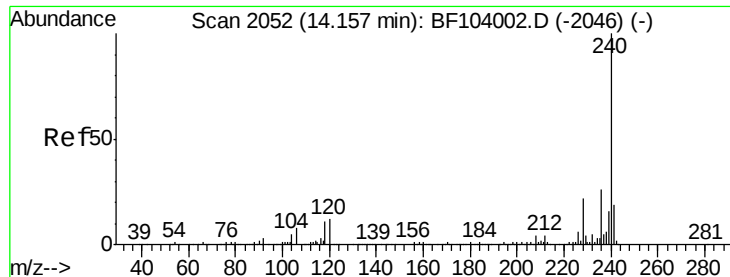
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104255.D
Acq: 5 Apr 2018 5:26

Tgt Ion:188 Resp: 326496
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.9 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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

Instrument :

BNA_F

ClientSampleId :

MS-4

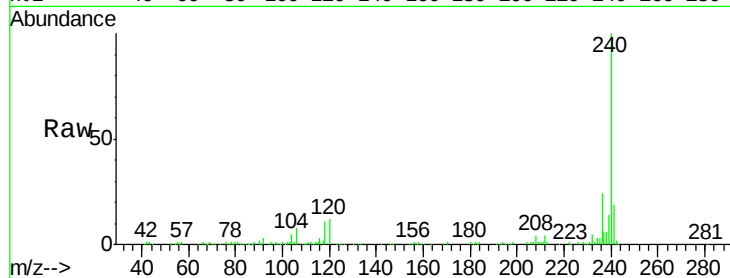
Tot Ion:240 Resp: 229657

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

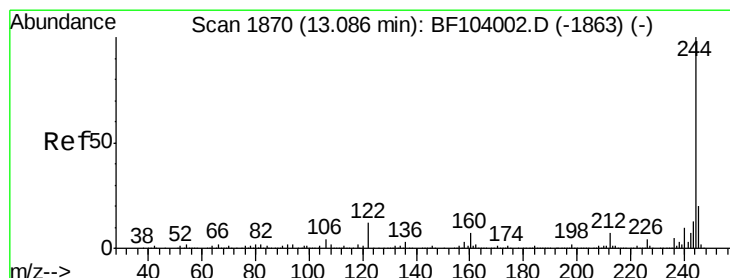
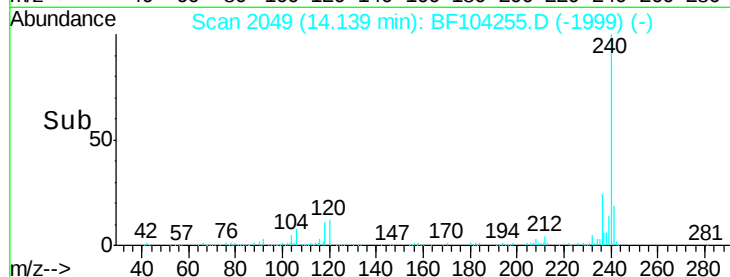
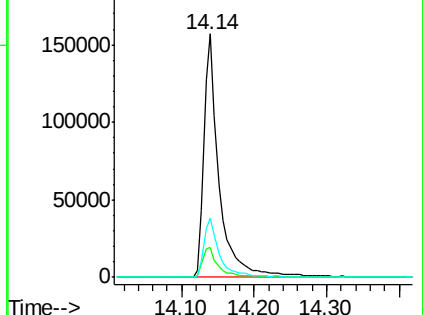
236 24.5 20.7 31.1



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: 101.153 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104255.D

Acq: 5 Apr 2018 5:26

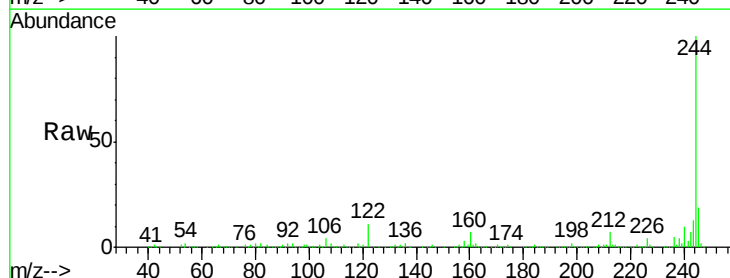
Tgt Ion:244 Resp: 1006105

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

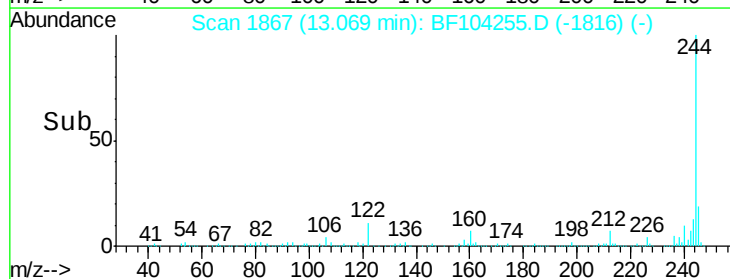
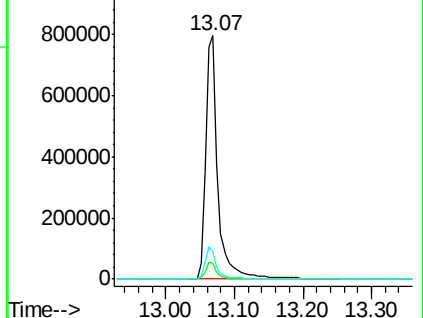
122 11.2 11.0 16.4

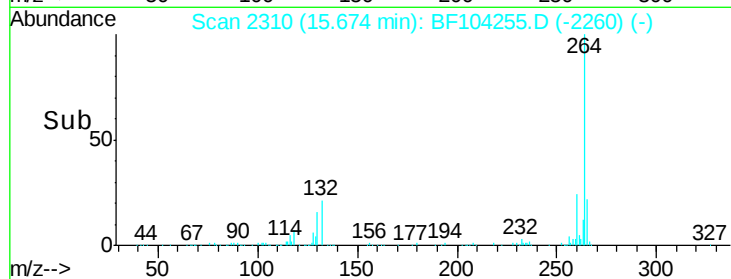
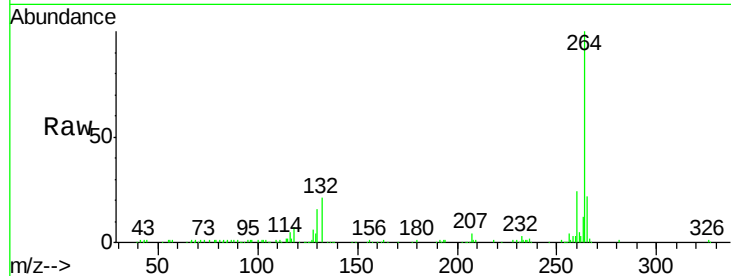
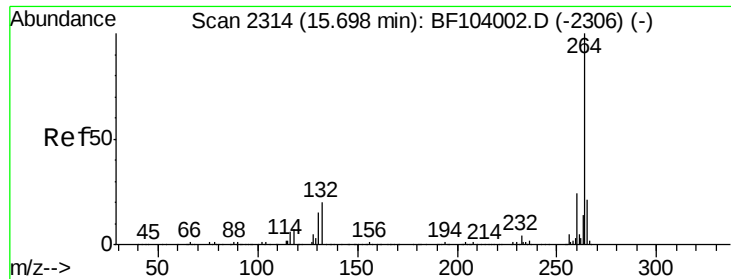


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104255.D
 Acq: 5 Apr 2018 5:26

Instrument :
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 ClientSampleId :
 MS-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

