

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104254.D
 Acq On : 5 Apr 2018 5:00
 Operator : JU/SJ
 Sample : J2201-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-3

Quant Time: Apr 05 06:47:02 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

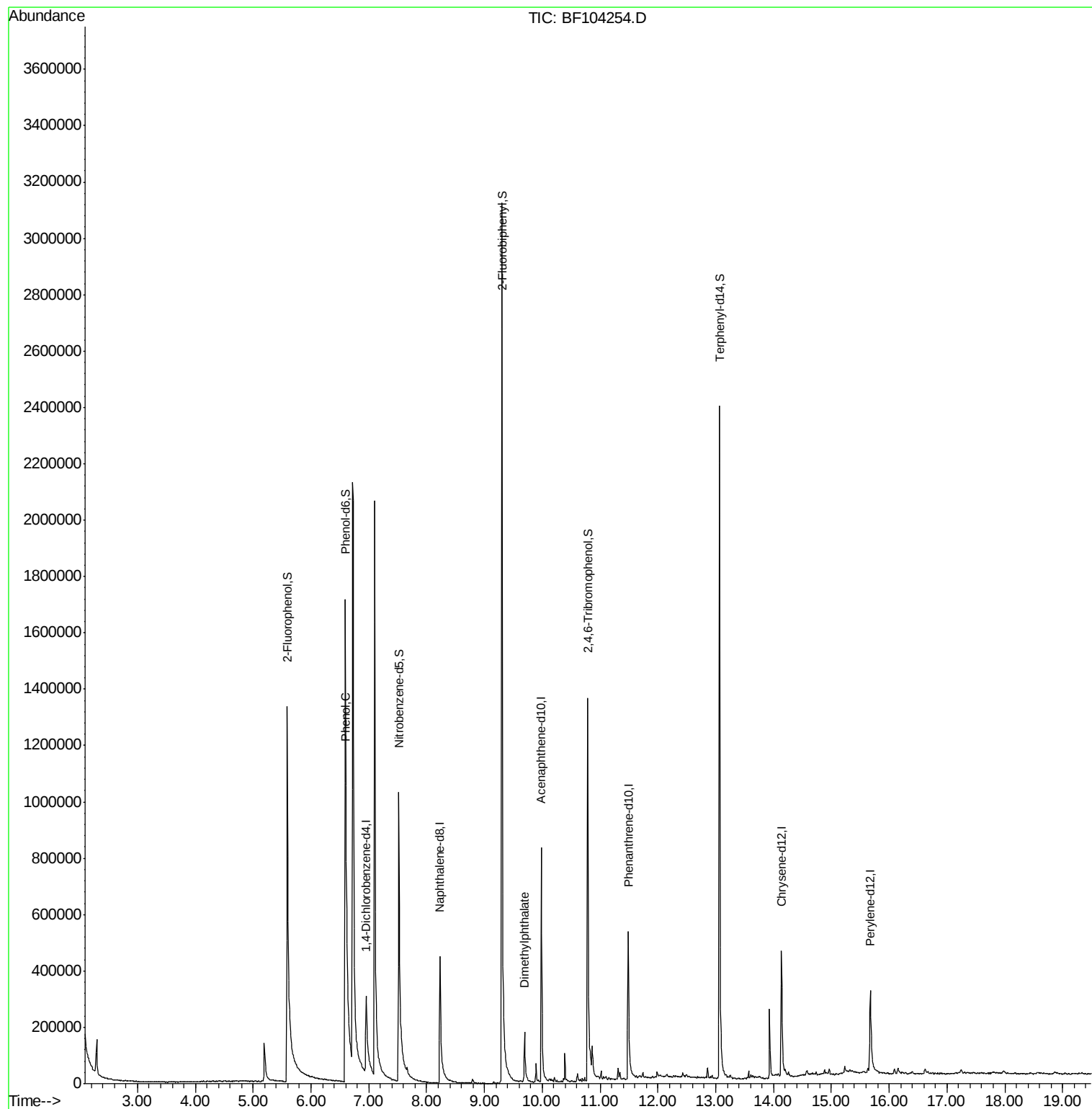
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	113275	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491999	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	216506	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	349391	20.00	ng	0.00
75) Chrysene-d12	14.14	240	229533	20.00	ng	0.00
86) Perylene-d12	15.67	264	206122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	963320	135.62	ng	0.00
7) Phenol-d6	6.59	99	1233843	141.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	785998	97.70	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	301799	125.19	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1450234	105.63	ng	0.00
78) Terphenyl-d14	13.07	244	1113684	112.03	ng	0.00
Target Compounds						
10) Phenol	6.61	94	236660	24.442	ng	89
49) Dimethylphthalate	9.69	163	122748	7.181	ng	99

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

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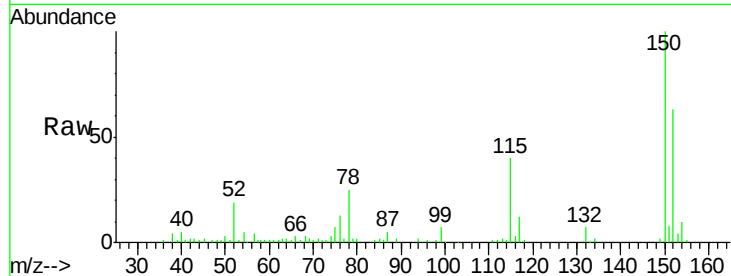


#1

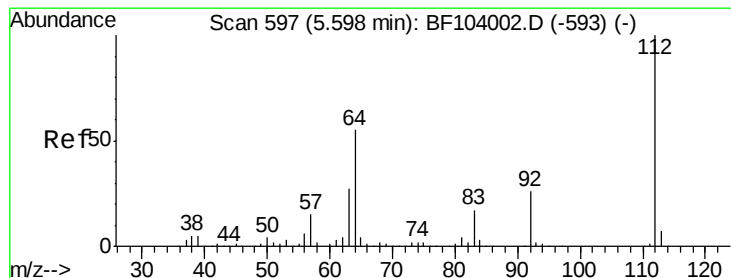
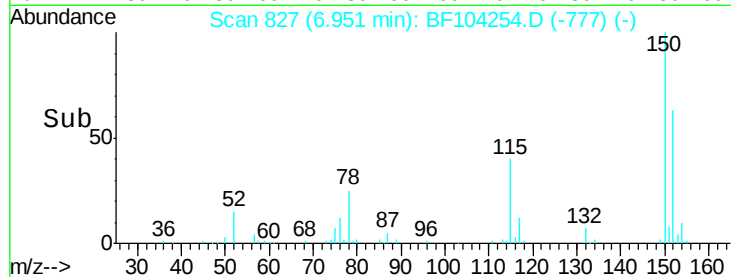
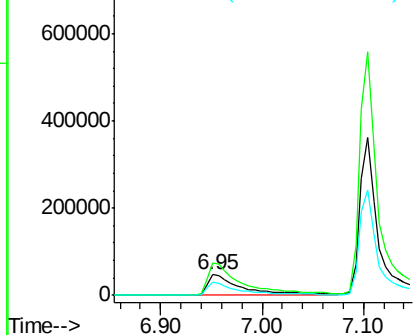
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampleId :
MS-3

Tot Ion:152 Resp: 113275
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 63.7 50.1 75.1



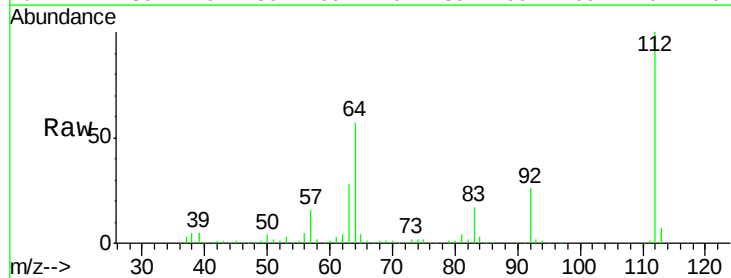
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



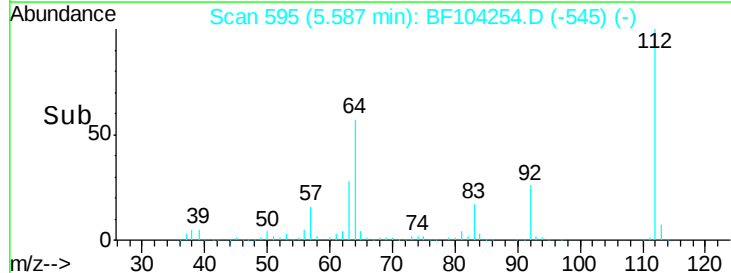
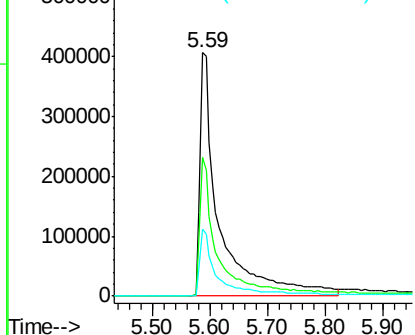
#5

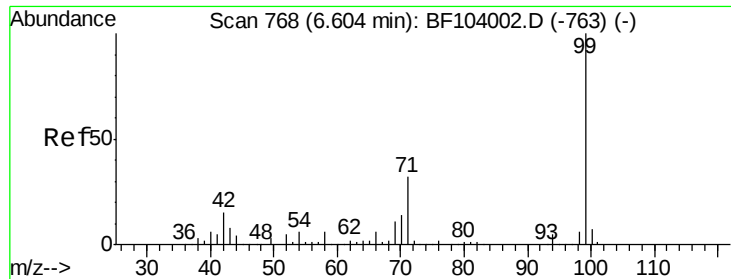
2-Fluorophenol
Concen: 135.621 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion:112 Resp: 963320
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.7 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: 141.191 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

Instrument :

BNA_F

ClientSampleId :

MS-3

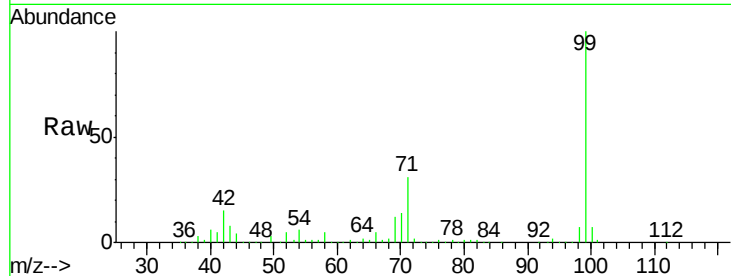
Tot Ion: 99 Resp: 1233843

Ion Ratio Lower Upper

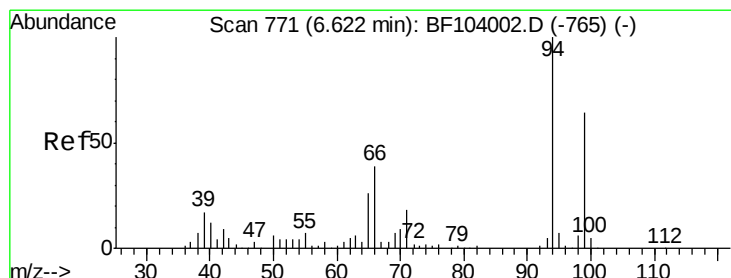
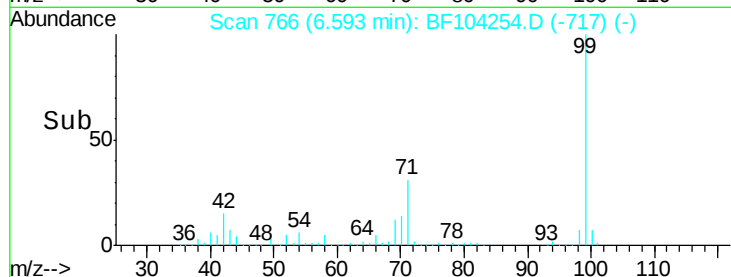
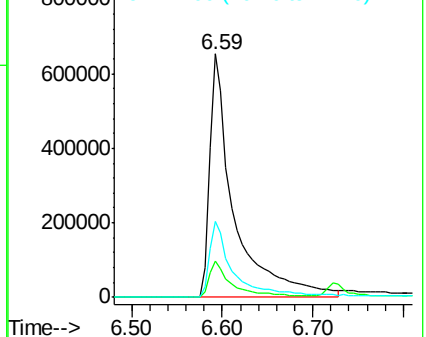
99 100

42 14.9 14.5 21.7

71 31.3 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



#10

Phenol

Concen: 24.442 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

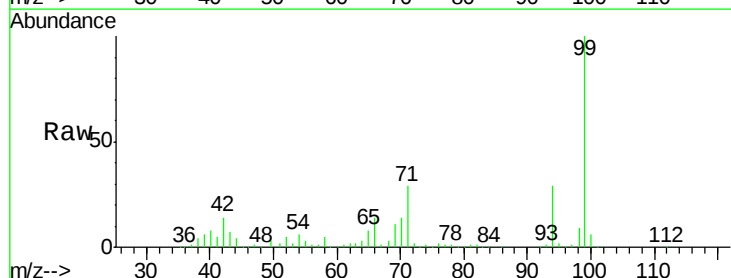
Tgt Ion: 94 Resp: 236660

Ion Ratio Lower Upper

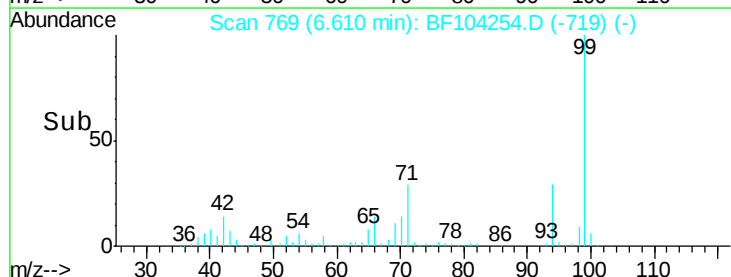
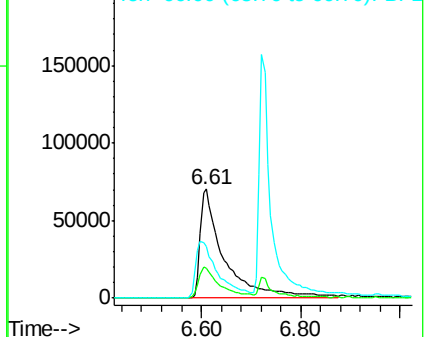
94 100

65 27.0 7.9 47.9

66 47.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

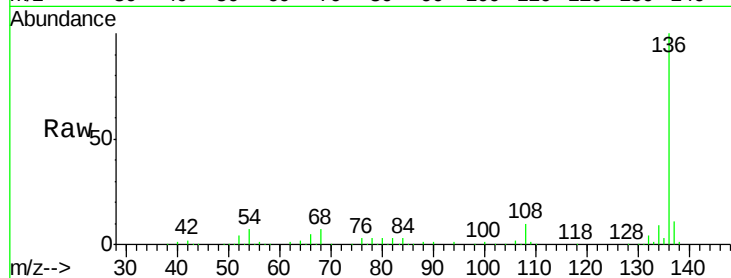




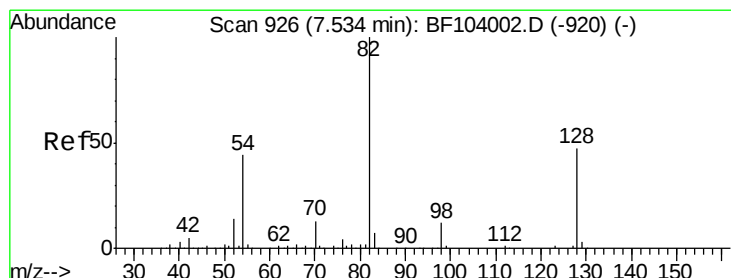
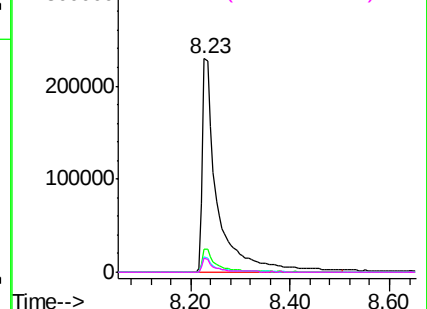
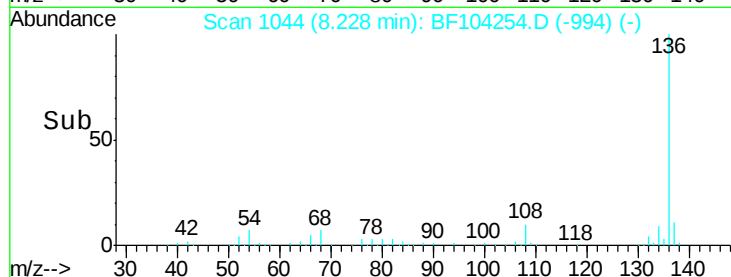
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampleId :
MS-3

Tot Ion:136	Resp:	491999
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.1	6.6 9.8
68	6.7	5.0 7.4

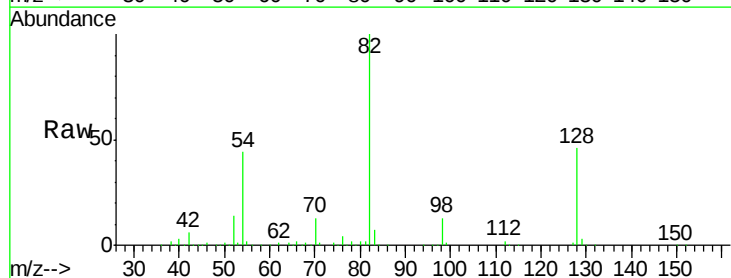


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

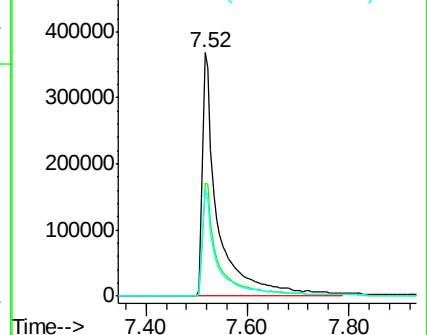
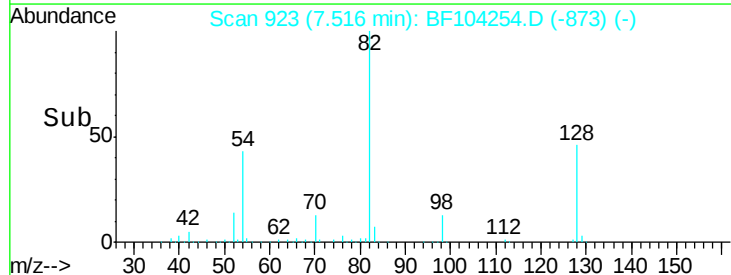


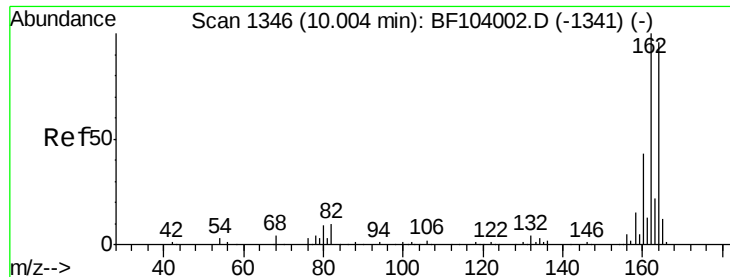
#23
Nitrobenzene-d5
Concen: 97.700 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion: 82	Resp:	785998
Ion	Ratio	Lower Upper
82	100	
128	46.2	36.1 54.1
54	43.6	41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

Instrument :

BNA_F

ClientSampleId :

MS-3

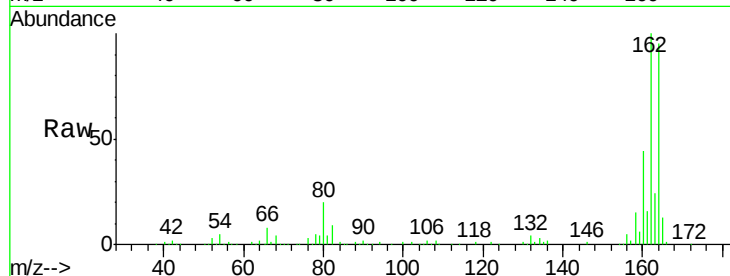
Tot Ion:164 Resp: 216506

Ion Ratio Lower Upper

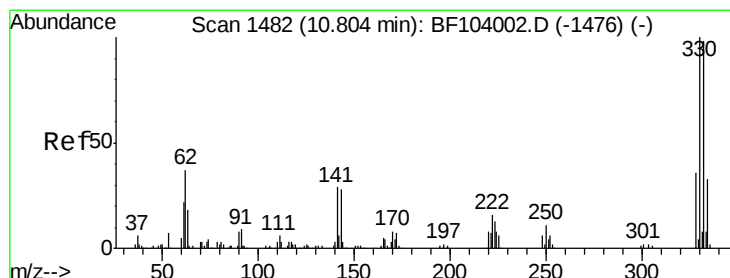
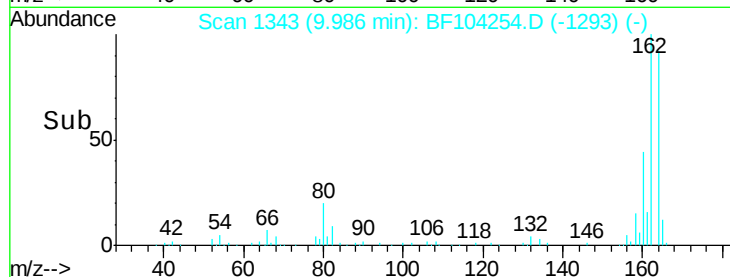
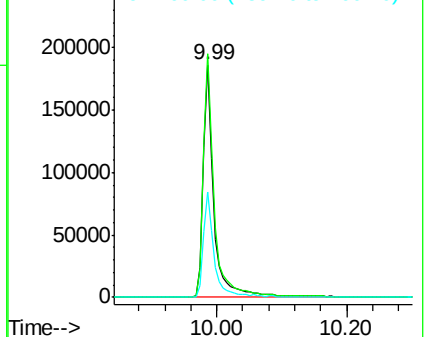
164 100

162 104.8 86.1 129.1

160 45.6 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 125.186 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104254.D

Acq: 5 Apr 2018 5:00

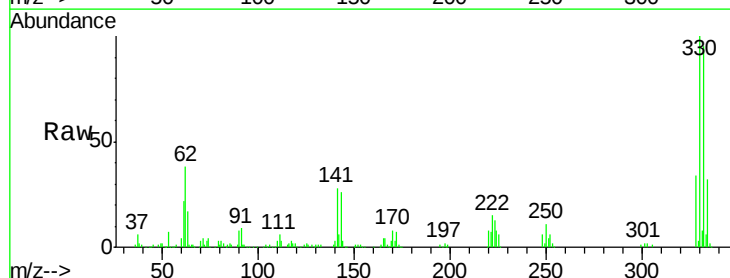
Tgt Ion:330 Resp: 301799

Ion Ratio Lower Upper

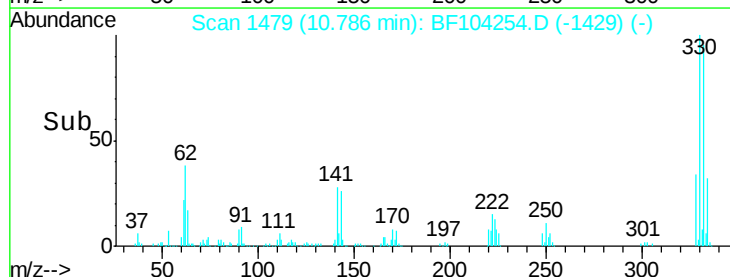
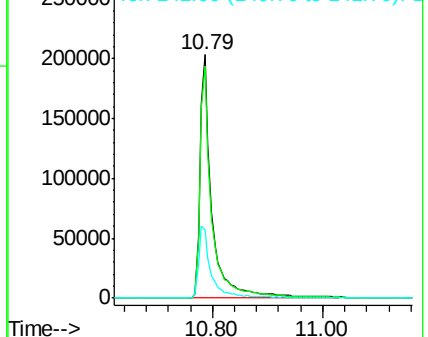
330 100

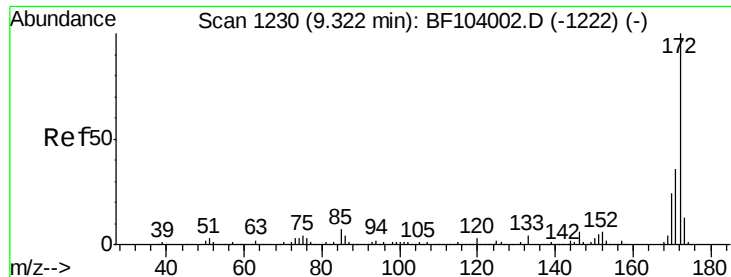
332 94.9 77.0 115.6

141 31.6 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

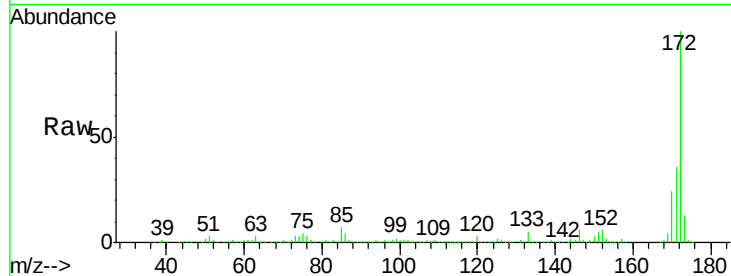




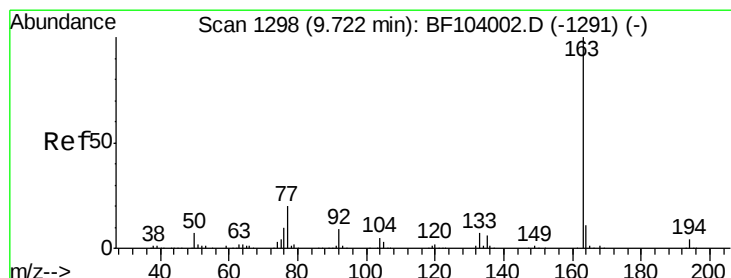
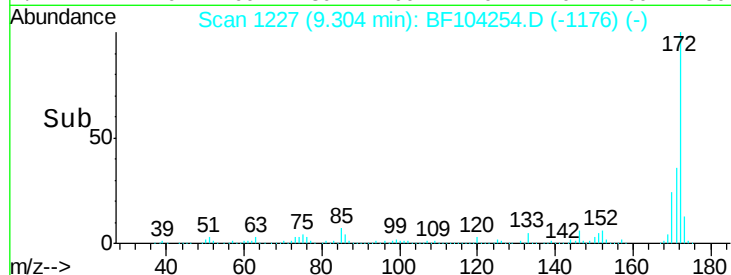
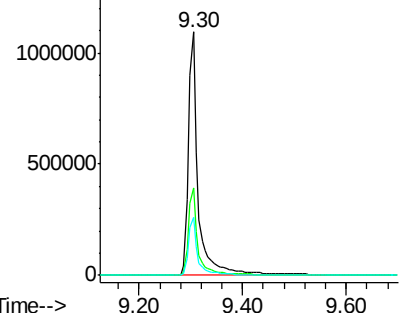
#44
2-Fluorobiphenyl
Concen: 105.627 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Instrument :
BNA_F
ClientSampled :
MS-3

Tot Ion:172 Resp: 1450234
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 19.6 29.4

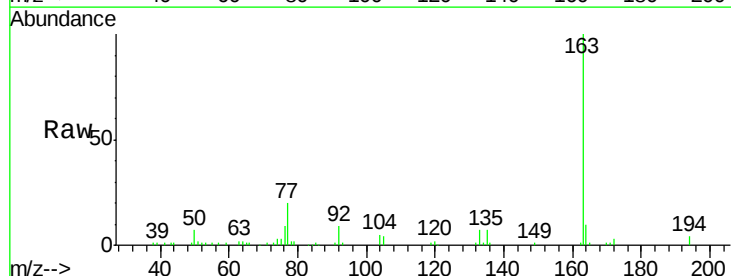


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

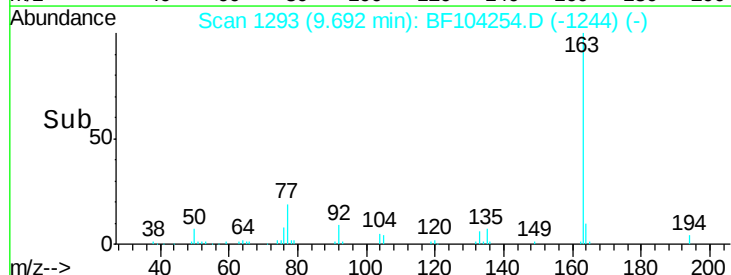
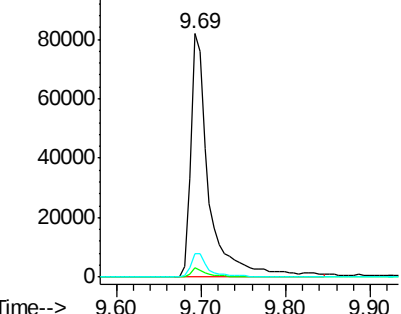


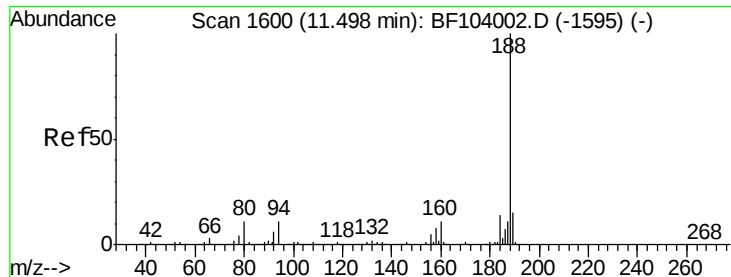
#49
Dimethylphthalate
Concen: 7.181 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion:163 Resp: 122748
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 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

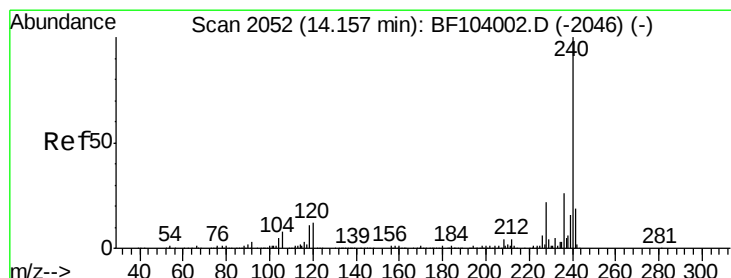
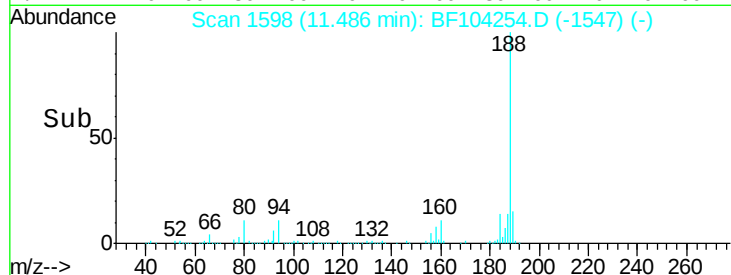
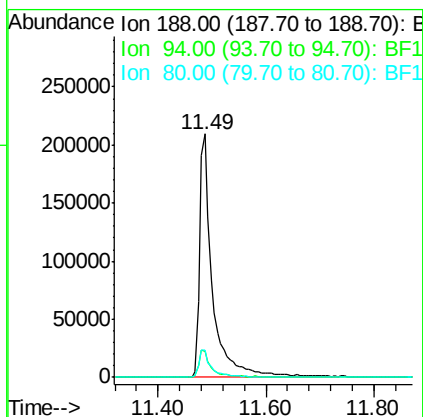
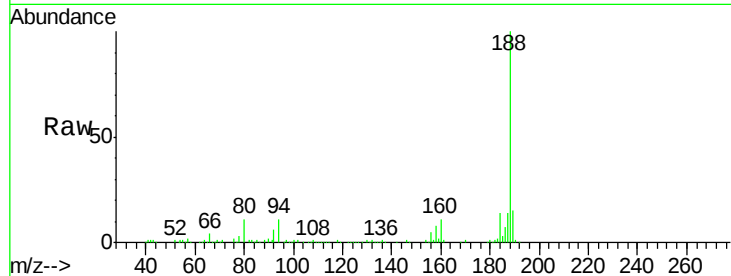




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

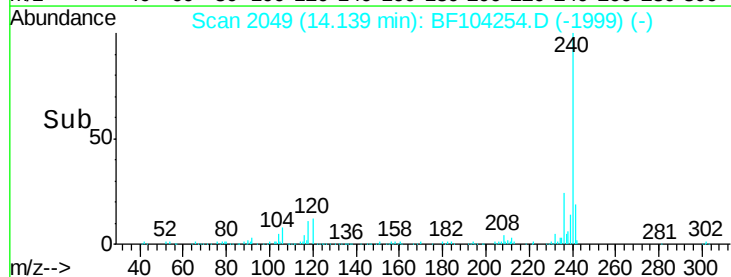
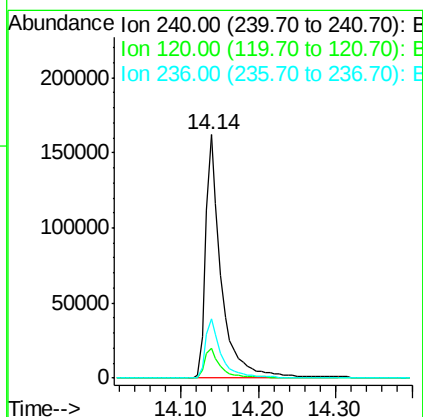
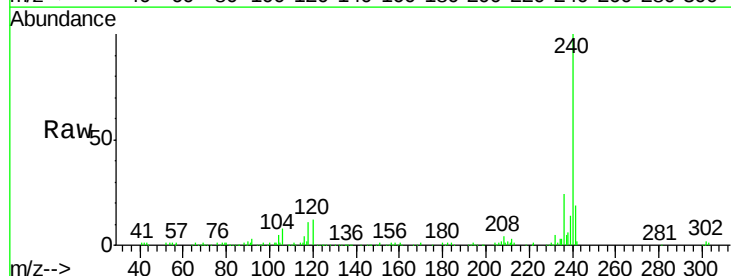
Instrument :
BNA_F
ClientSampled :
MS-3

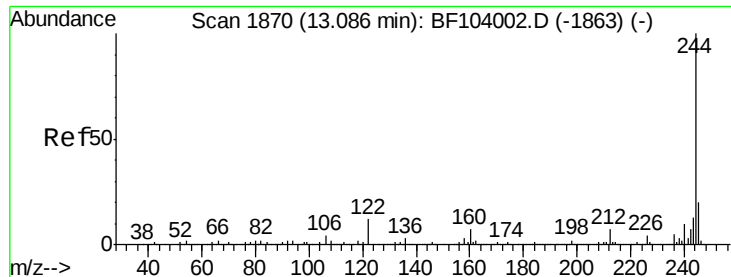
Tot Ion:188 Resp: 349391
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104254.D
Acq: 5 Apr 2018 5:00

Tgt Ion:240 Resp: 229533
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 24.3 20.7 31.1

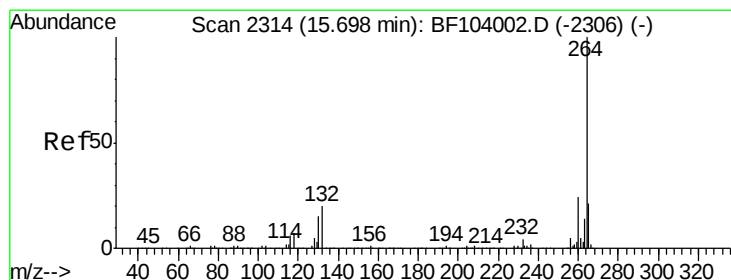
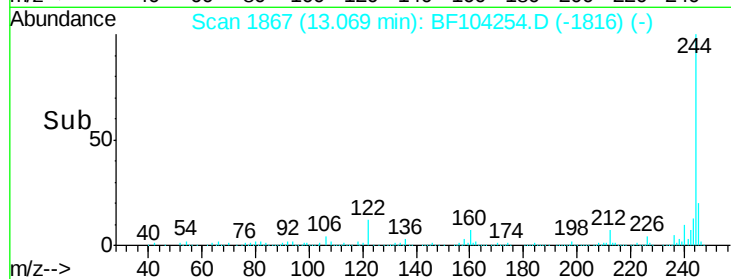
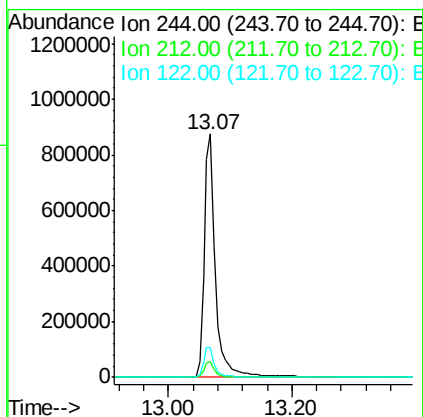
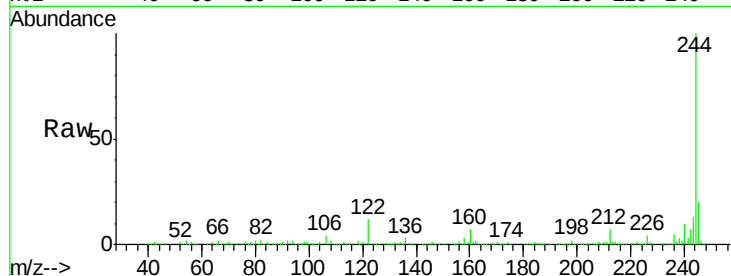




#78
 Terphenyl-d14
 Concen: 112.029 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF104254.D
 Acq: 5 Apr 2018 5:00

Instrument :
 BNA_F
 ClientSampleID :
 MS-3

Tot Ion:244 Resp: 1113684
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104254.D
 Acq: 5 Apr 2018 5:00

Tgt Ion:264 Resp: 206122
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.8 17.5 26.3

