

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104234.D
 Acq On : 4 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2151-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:00:41 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

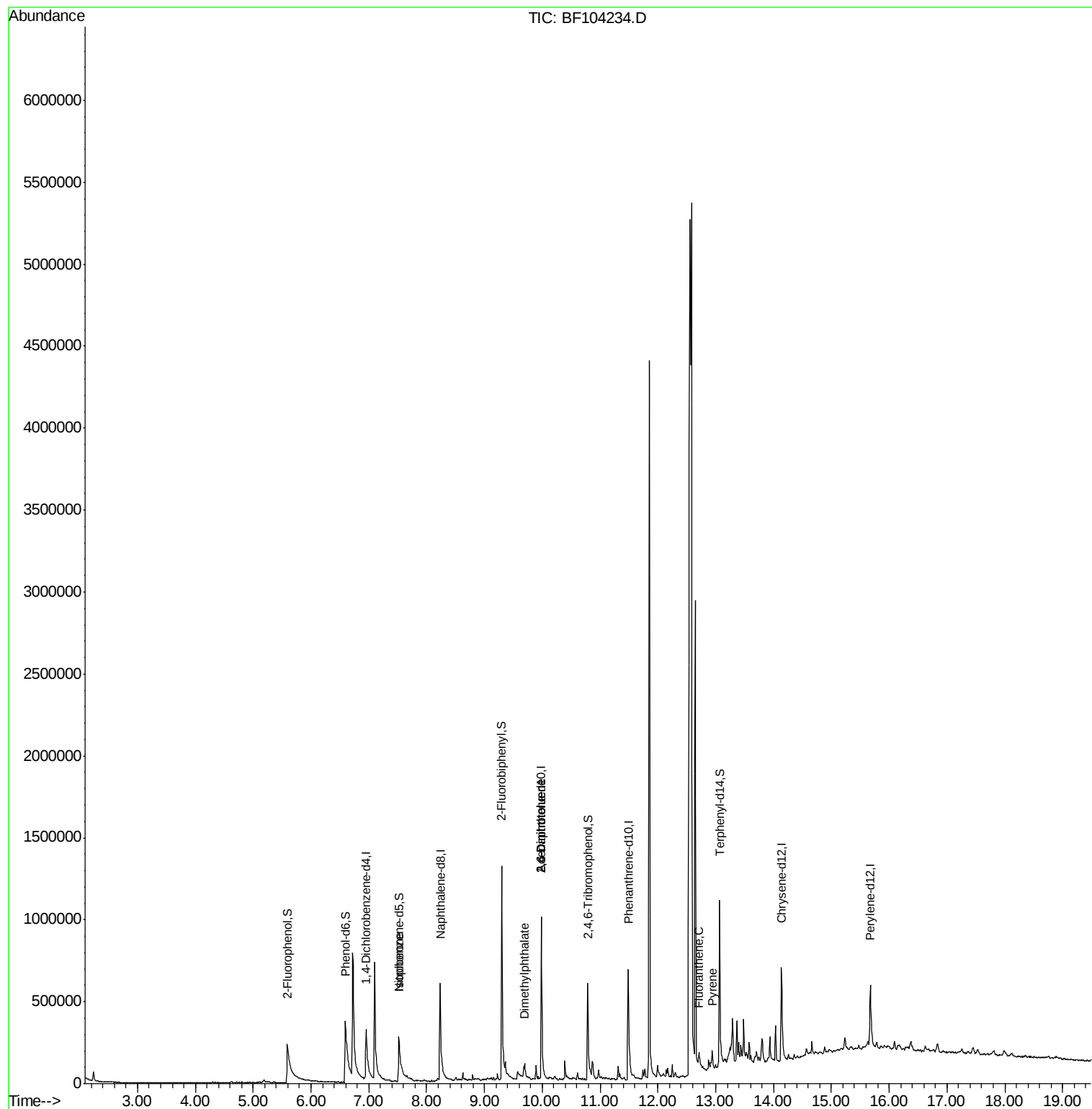
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	128920	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	569519	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	251230	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	418483	20.00	ng	0.00
75) Chrysene-d12	14.14	240	270549	20.00	ng	0.00
86) Perylene-d12	15.67	264	272679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	376644	46.59	ng	0.00
7) Phenol-d6	6.59	99	550222	55.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	314777	33.80	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	135710	48.51	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	629614	39.52	ng	0.00
78) Terphenyl-d14	13.07	244	465898	39.76	ng	0.00
Target Compounds						
25) Isophorone	7.52	82	314777	18.341	ng	# 64
49) Dimethylphthalate	9.70	163	55243	2.785	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	32326	7.575	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	33463	6.145	ng	# 23
74) Fluoranthene	12.71	202	51616	2.143	ng	# 97
77) Pyrene	12.94	202	39979	2.056	ng	# 98

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

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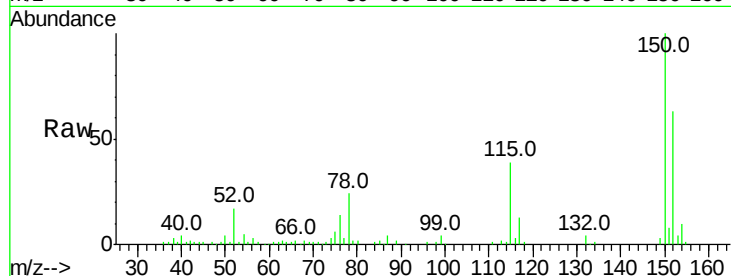


#1

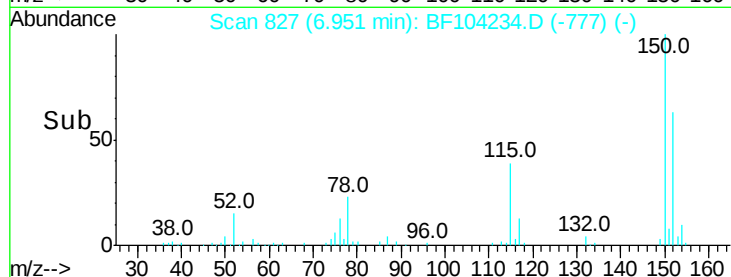
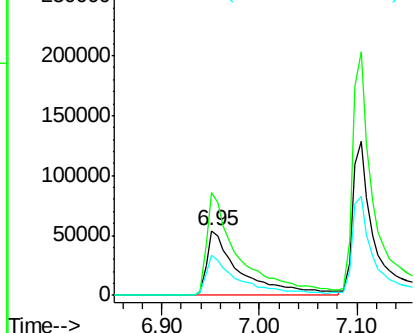
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 128920
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 61.7 50.1 75.1



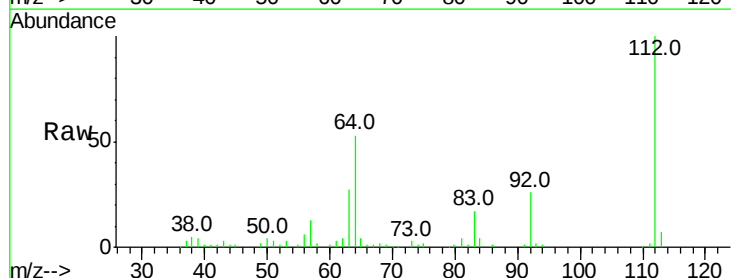
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



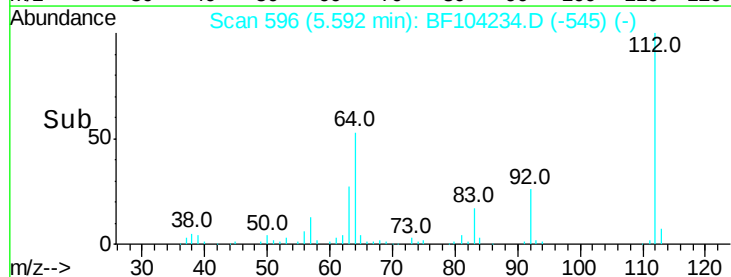
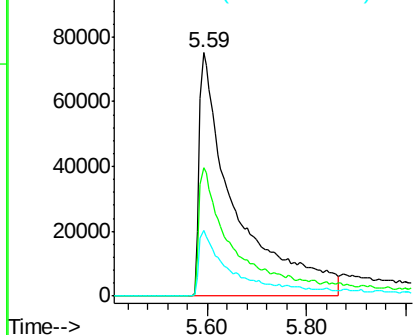
#5

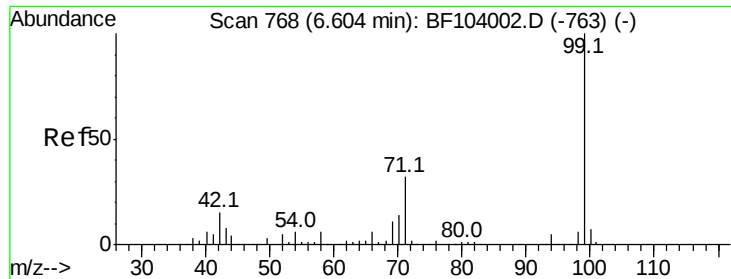
2-Fluorophenol
 Concen: 46.591 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion:112 Resp: 376644
 Ion Ratio Lower Upper
 112 100
 64 52.7 47.9 71.9
 63 26.8 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: 55.322 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

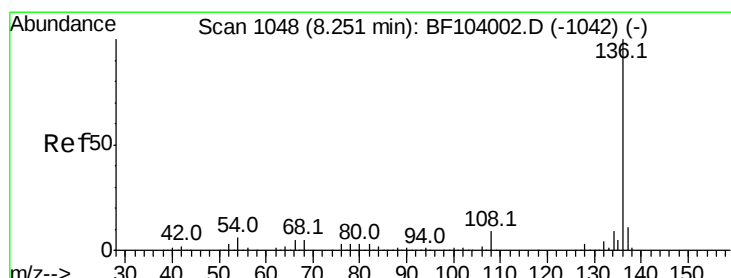
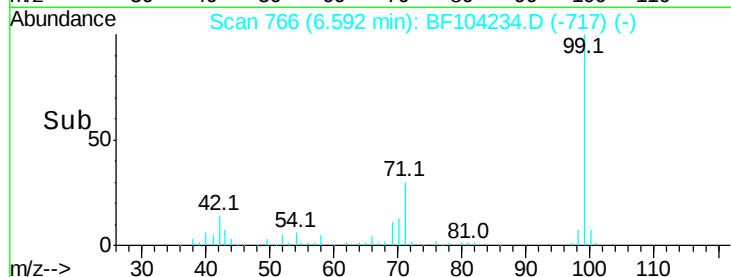
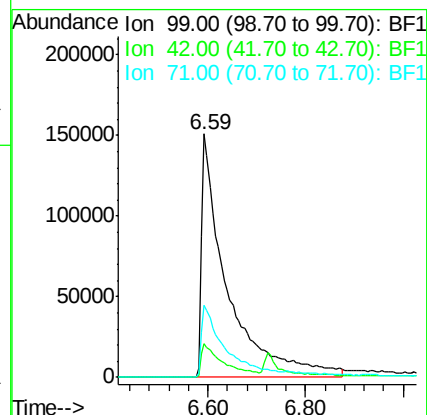
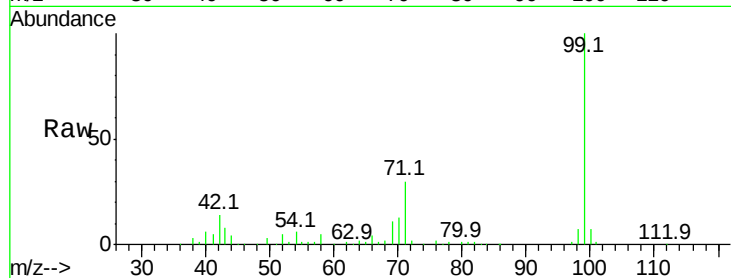
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 550222

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	29.7	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

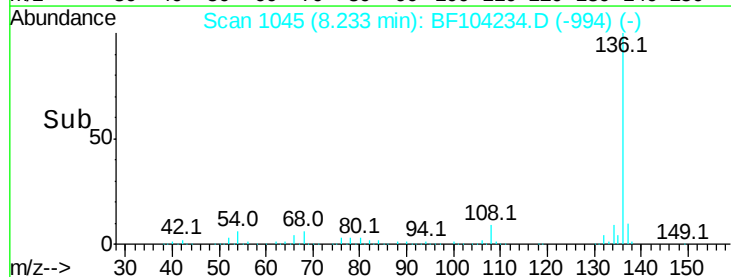
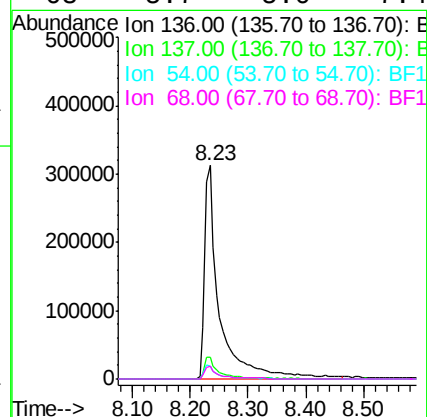
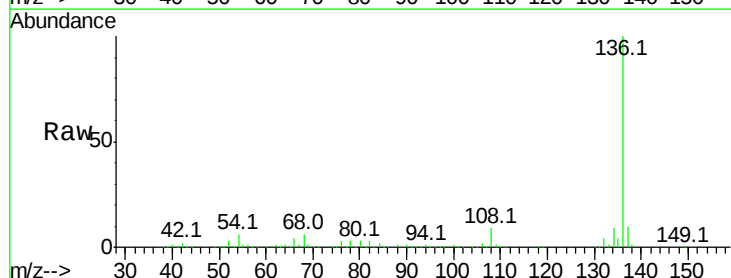
Delta R.T. -0.00 min

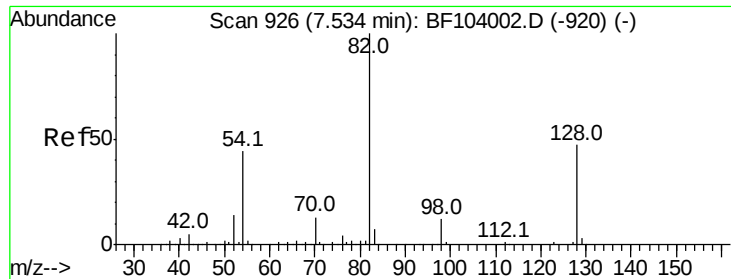
Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Tgt Ion: 136 Resp: 569519

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.1	6.6	9.8#
68	5.7	5.0	7.4



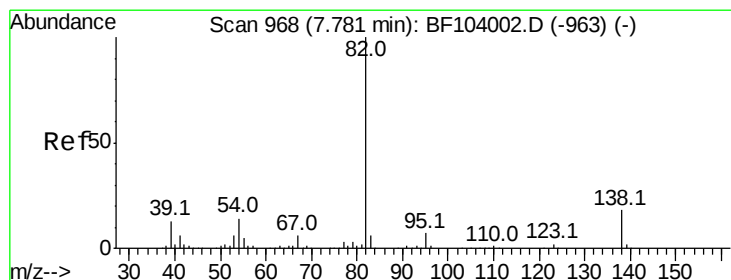
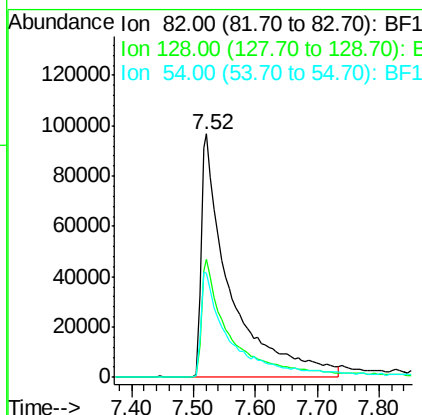
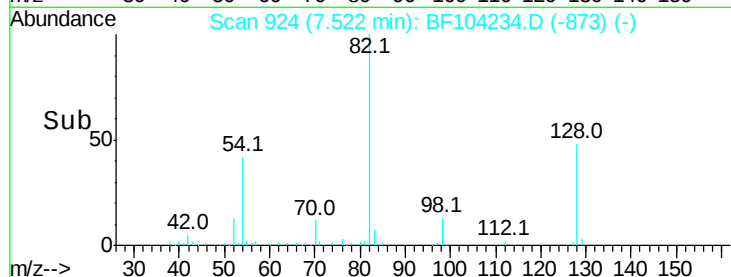
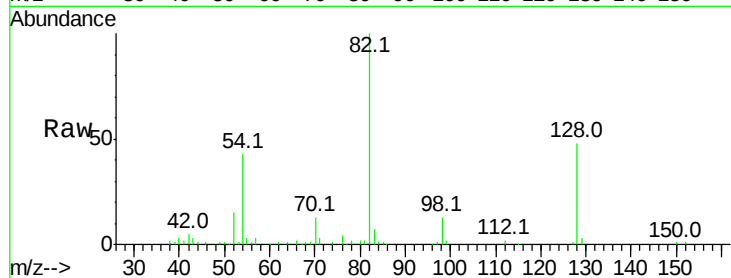


#23
 Nitrobenzene-d5
 Concen: 33.801 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 314777

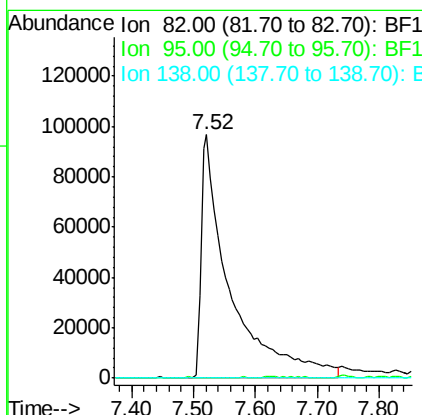
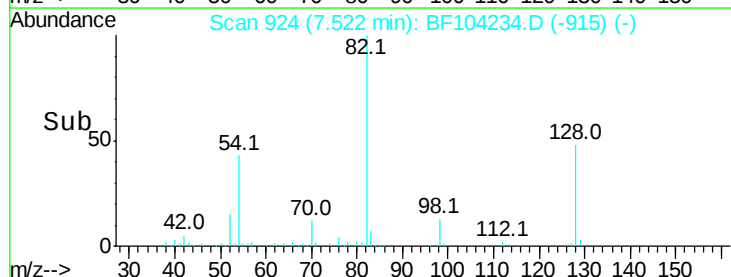
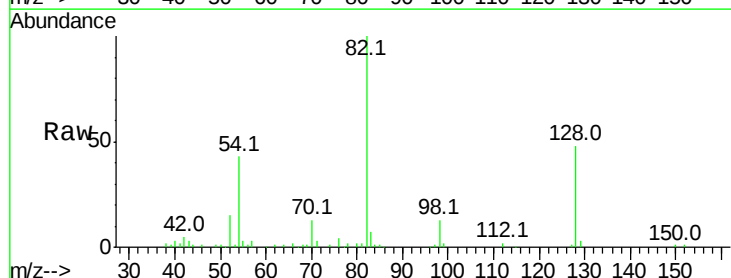
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	42.6	41.4	62.2

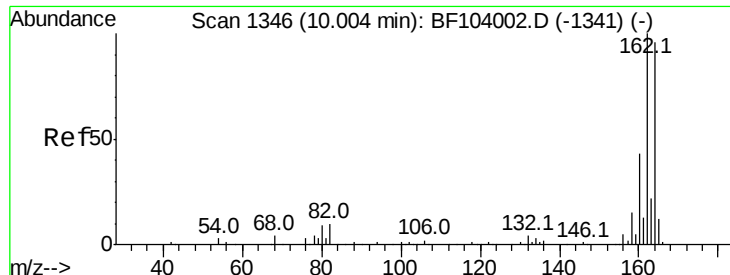


#25
 Isophorone
 Concen: 18.341 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion: 82 Resp: 314777

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

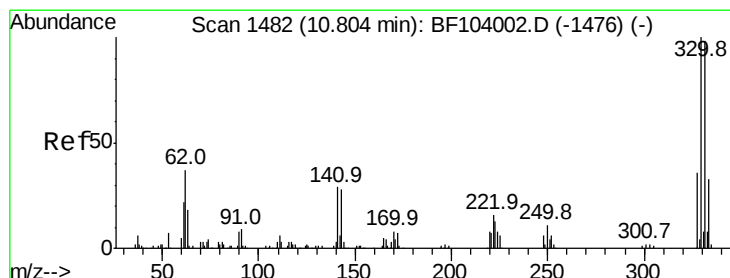
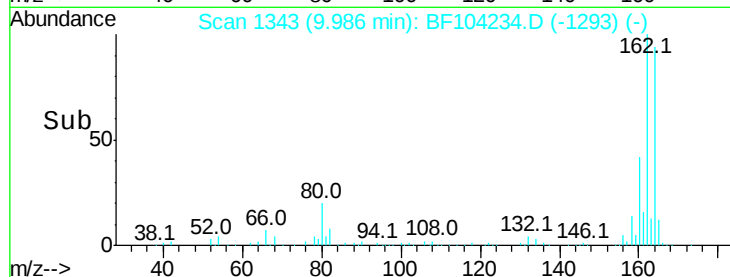
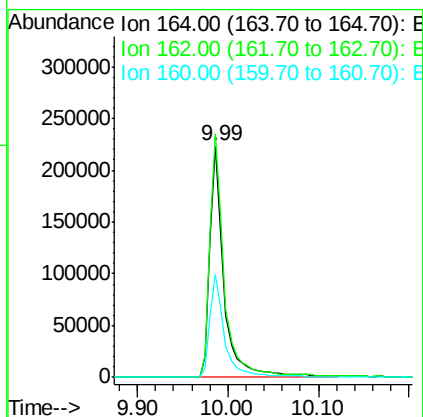
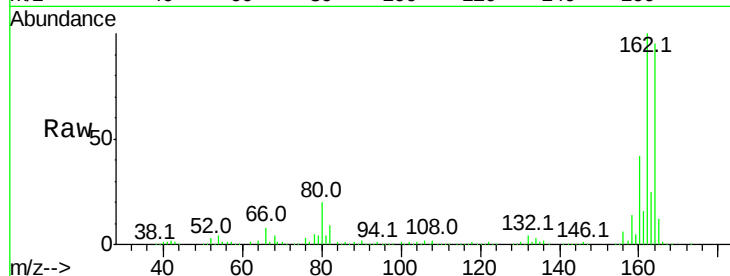




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

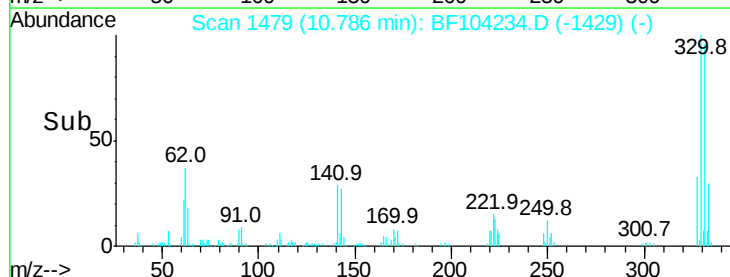
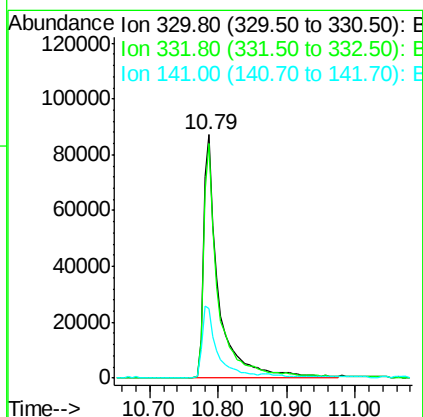
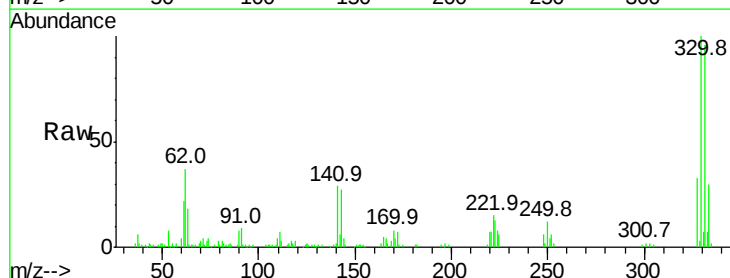
Instrument :
 BNA_F
 ClientSampleId :

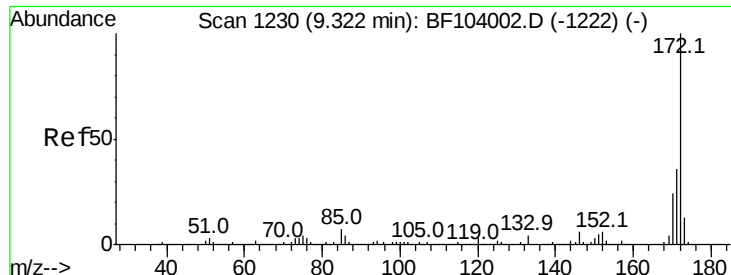
Tot Ion:164 Resp: 251230
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 44.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 48.512 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion:330 Resp: 135710
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 30.2 29.9 44.9

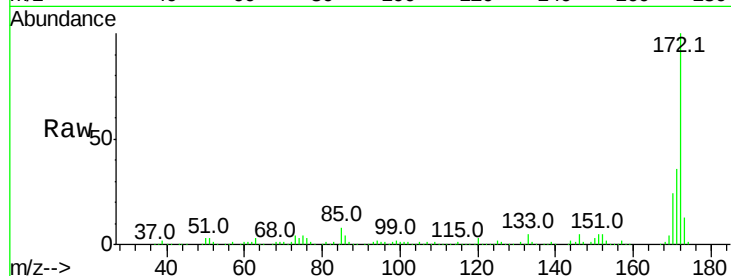




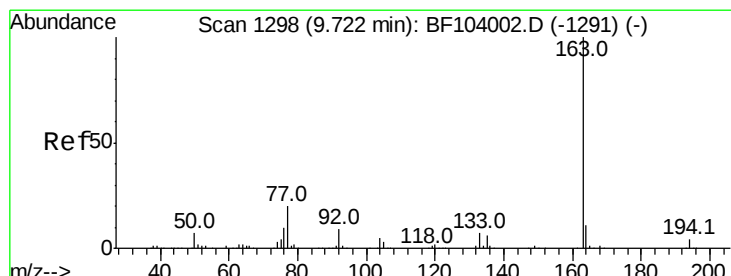
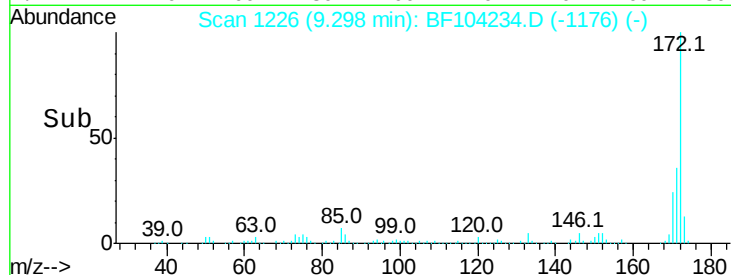
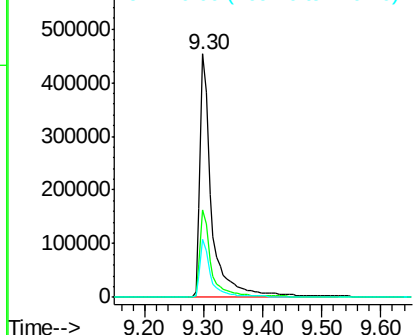
#44
2-Fluorobiphenyl
Concen: 39.520 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF104234.D
Acq: 4 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 629614
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.7 19.6 29.4

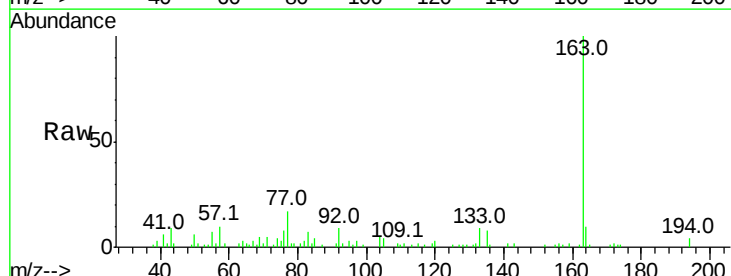


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

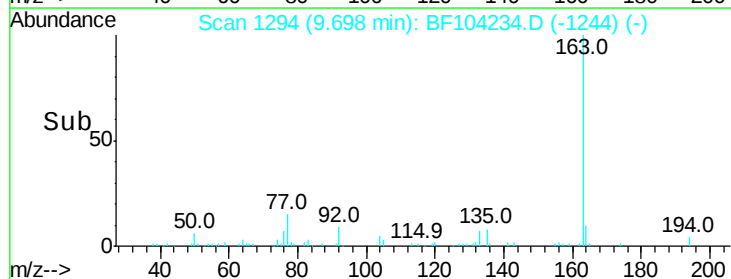
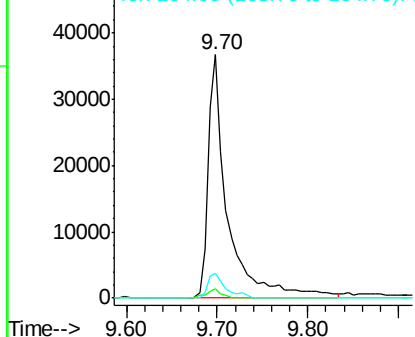


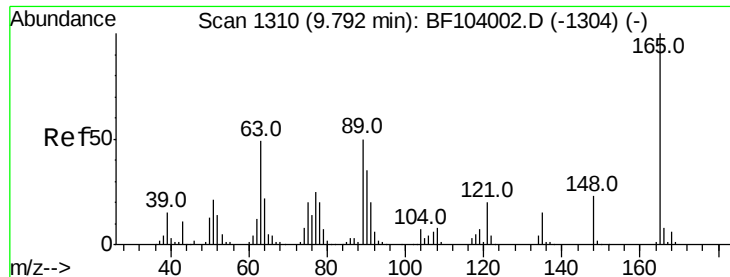
#49
Dimethylphthalate
Concen: 2.785 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104234.D
Acq: 4 Apr 2018 19:15

Tgt Ion:163 Resp: 55243
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 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





#50

2,6-Dinitrotoluene

Concen: 7.575 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

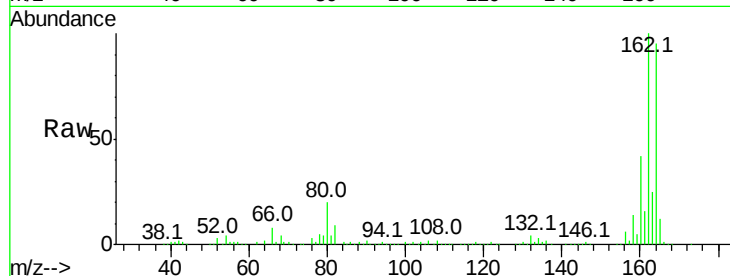
Tot Ion:165 Resp: 32326

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

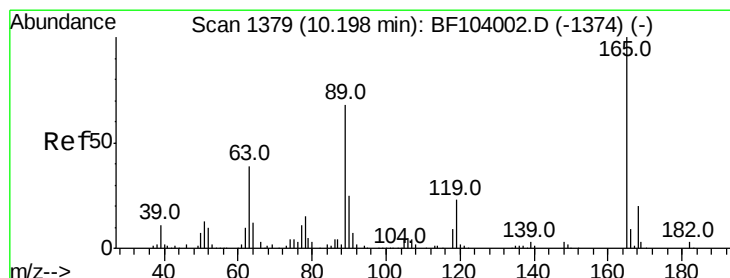
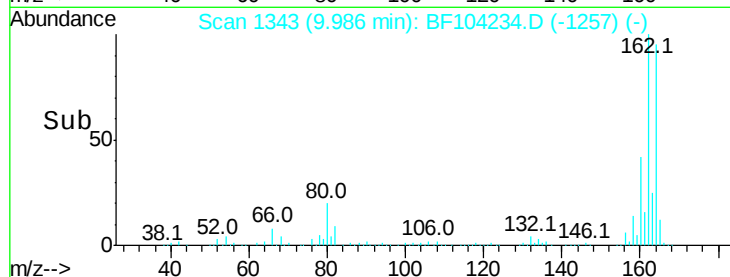
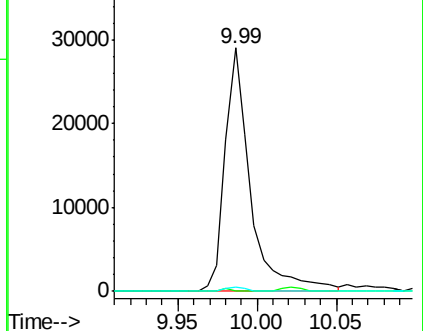
89 2.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.145 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.21 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Tgt Ion:165 Resp: 33463

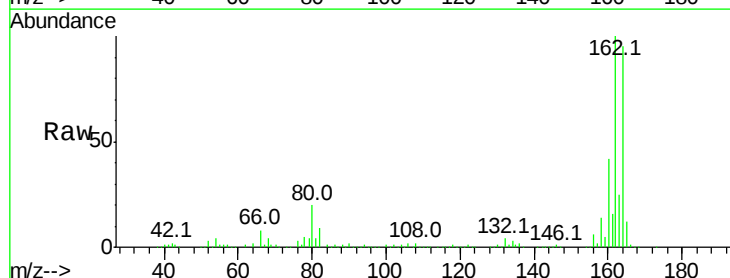
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

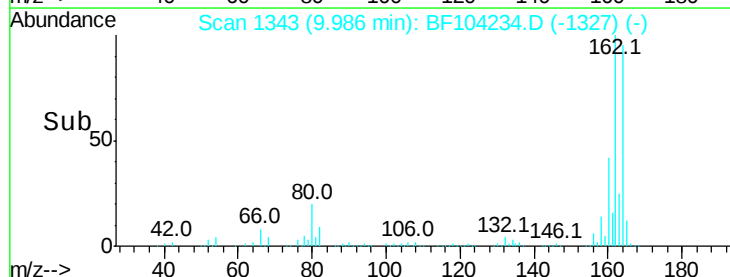
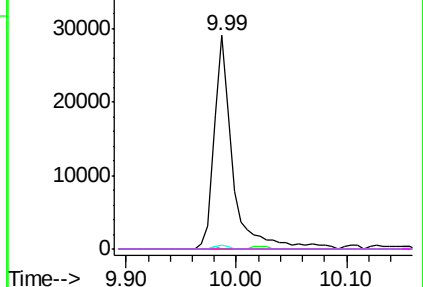


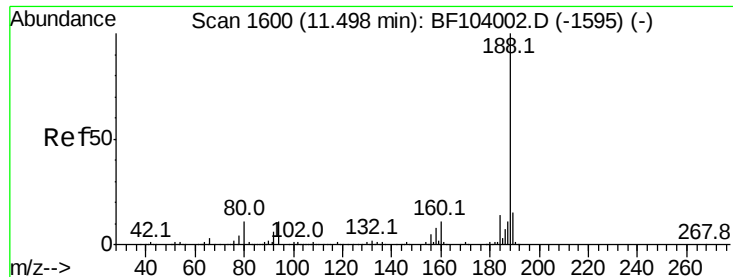
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

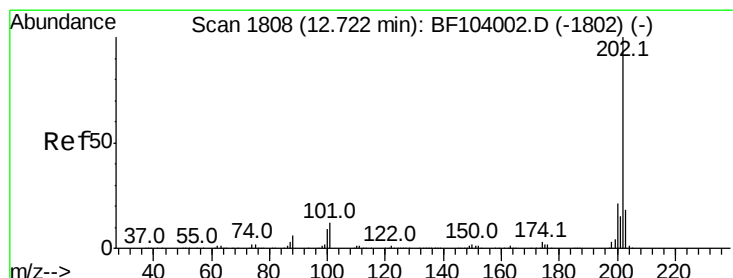
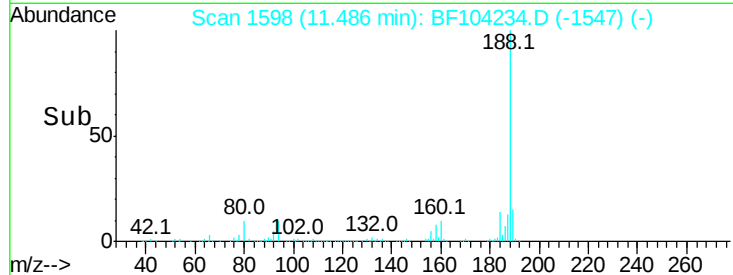
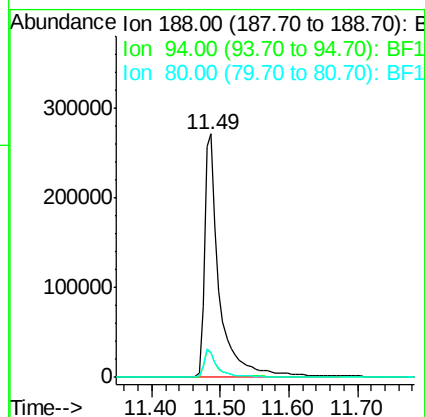
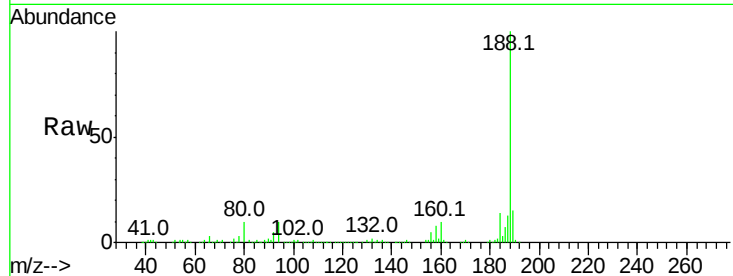




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104234.D
Acq: 4 Apr 2018 19:15

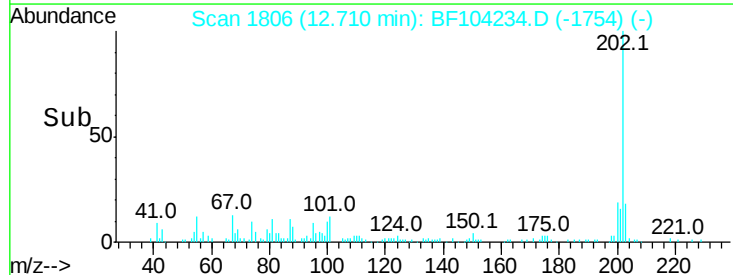
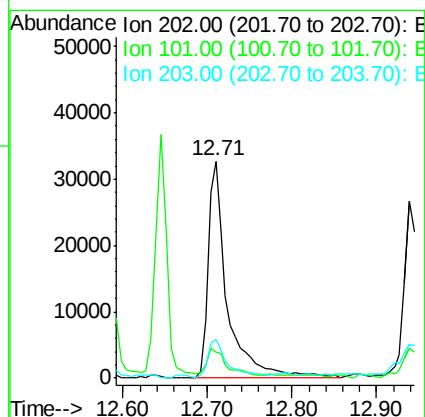
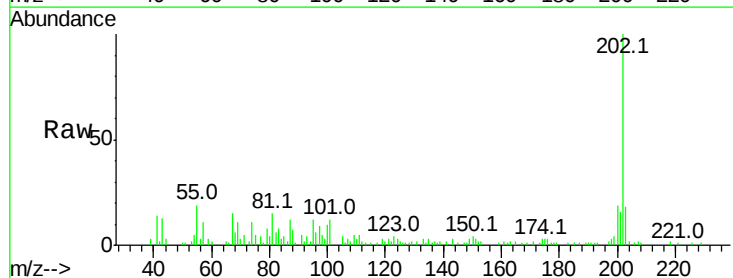
Instrument :
BNA_F
ClientSampleId :

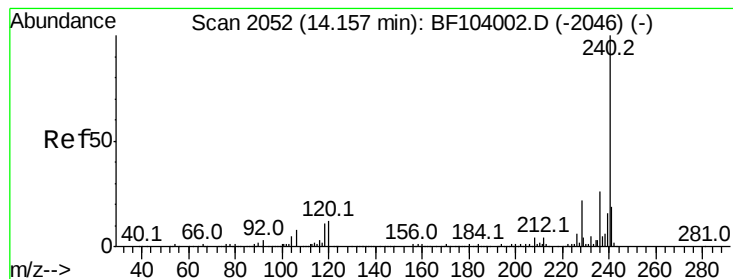
Tot Ion:188 Resp: 418483
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 9.2 13.8



#74
Fluoranthene
Concen: 2.143 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF104234.D
Acq: 4 Apr 2018 19:15

Tgt Ion:202 Resp: 51616
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Instrument :

BNA_F

ClientSampled :

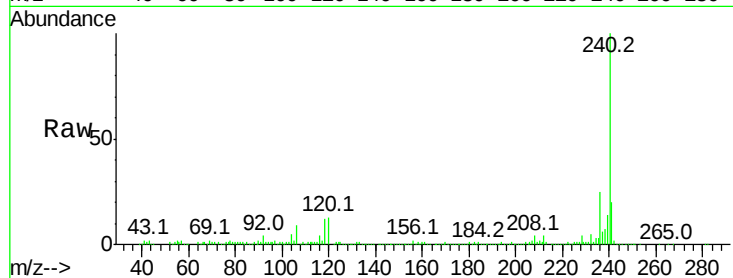
Tot Ion:240 Resp: 270549

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

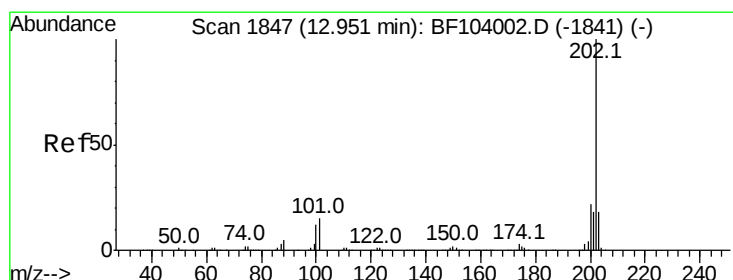
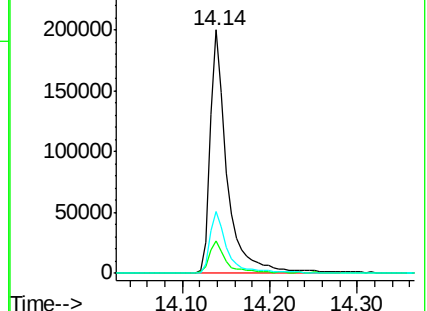
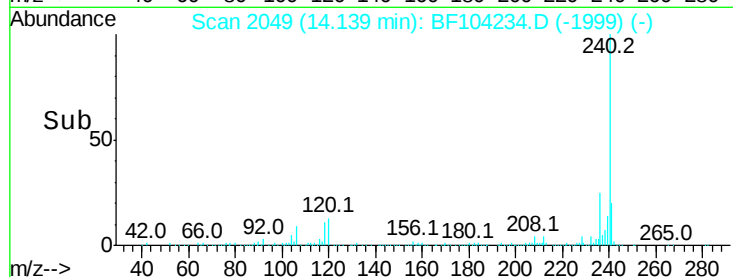
236 25.2 20.7 31.1



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



#77

Pyrene

Concen: 2.056 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

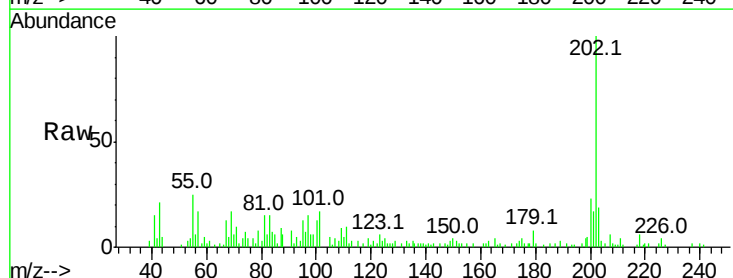
Tgt Ion:202 Resp: 39979

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

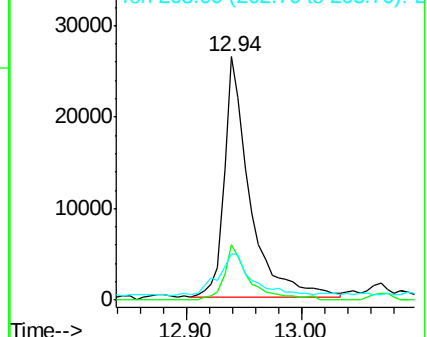
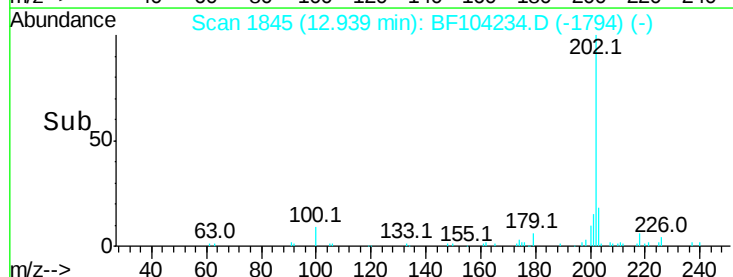
203 19.2 14.3 21.5

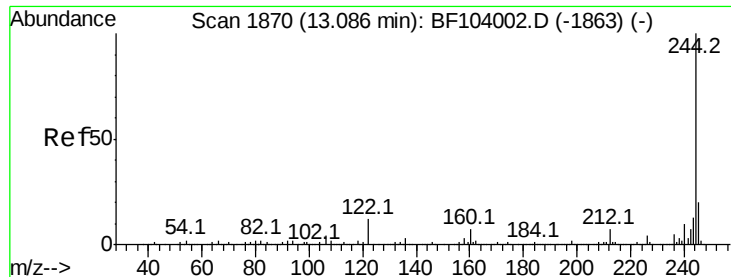


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

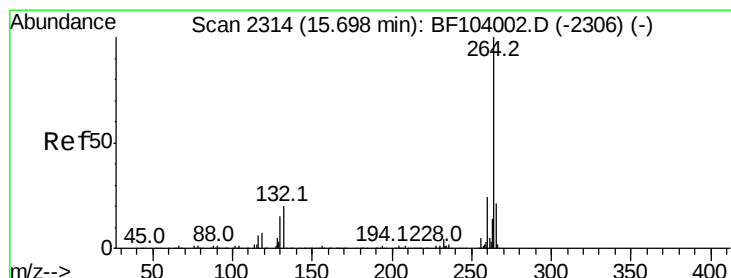
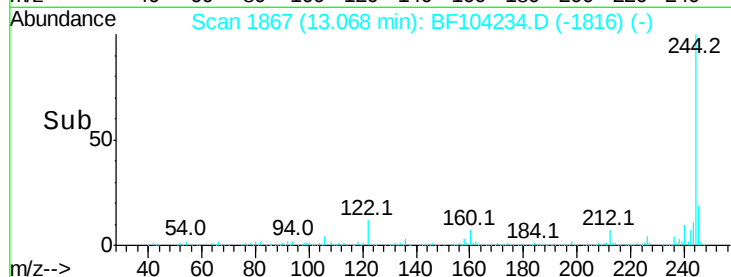
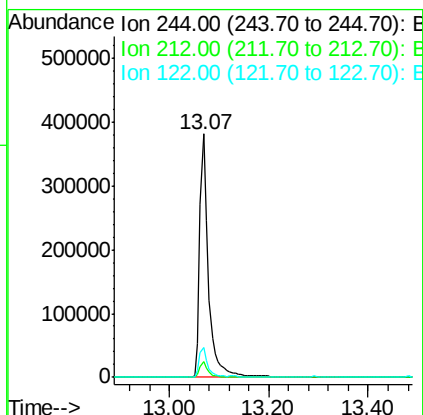
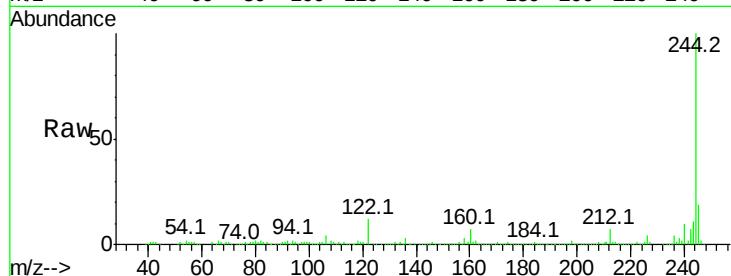




#78
 Terphenyl-d14
 Concen: 39.761 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 465898
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.4 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: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion:264 Resp: 272679
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3

