

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103934.D
 Acq On : 26 Mar 2018 19:29
 Operator : JU/SJ
 Sample : PB107636BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BL

Quant Time: Mar 27 08:11:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139030	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	565961	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	273398	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	510222	20.00	ng	0.00
75) Chrysene-d12	14.16	240	458493	20.00	ng	0.00
86) Perylene-d12	15.70	264	414018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1003617	109.80	ng	0.01
7) Phenol-d6	6.60	99	1207459	107.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	760075	93.65	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	347409	147.79	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1386090	80.87	ng	0.00
78) Terphenyl-d14	13.10	244	1502280	76.05	ng	0.00

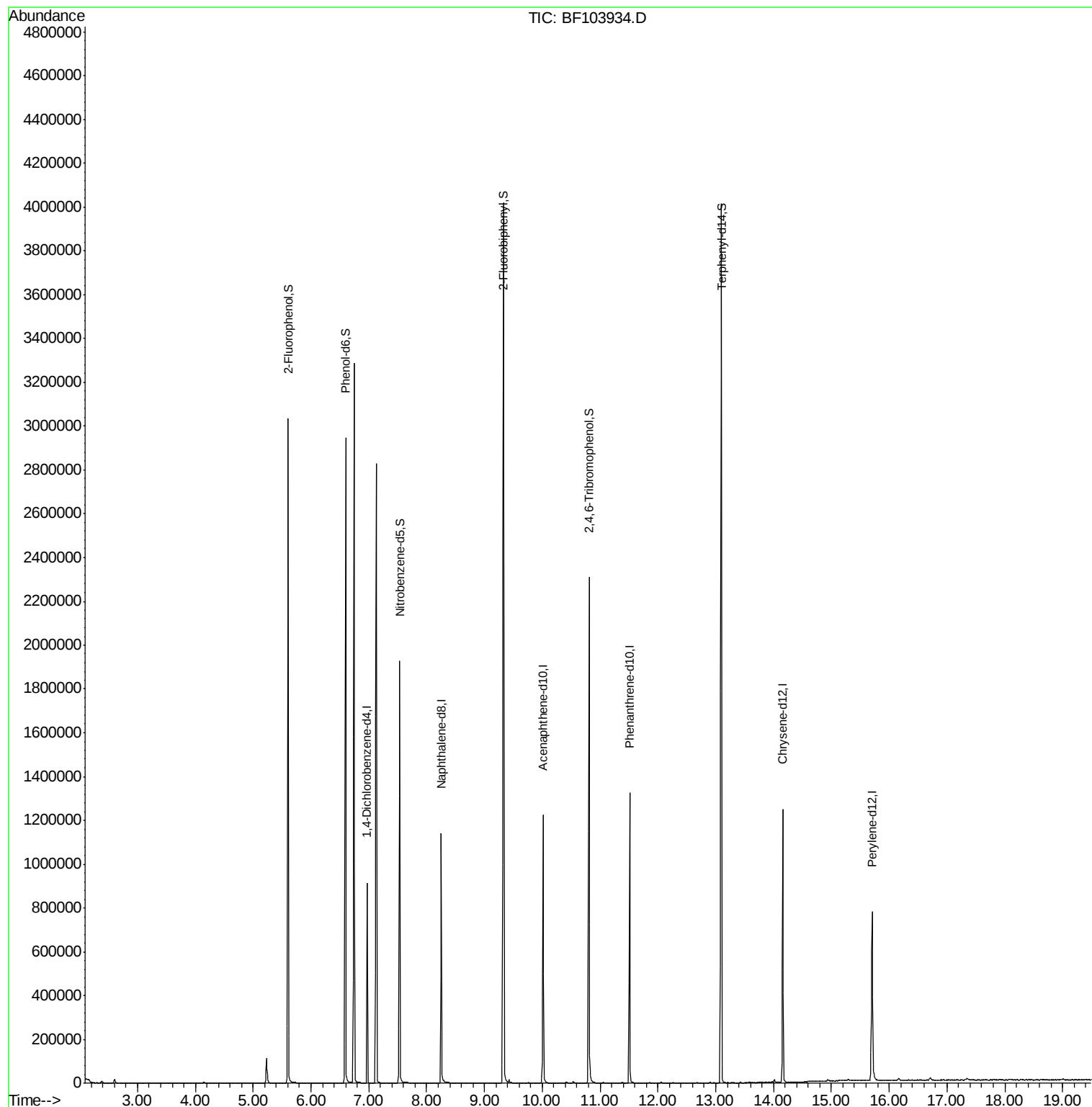
Target Compounds Qvalue

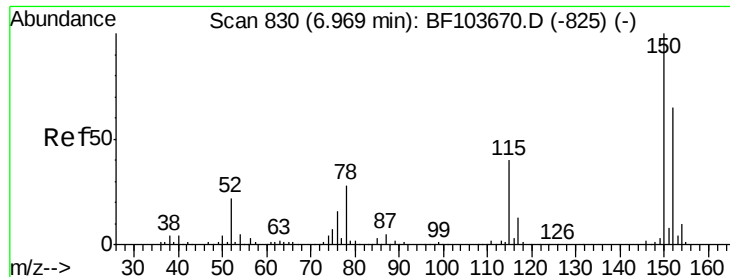
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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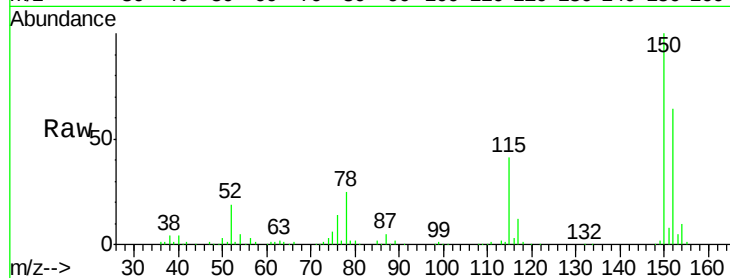


#1

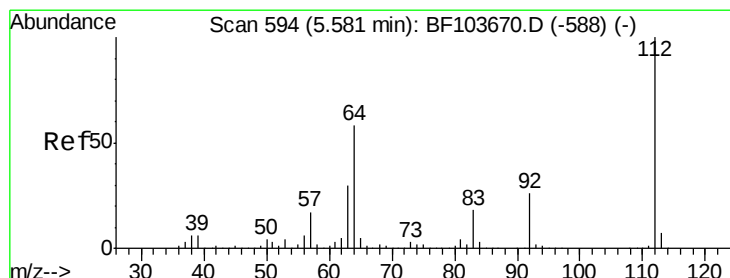
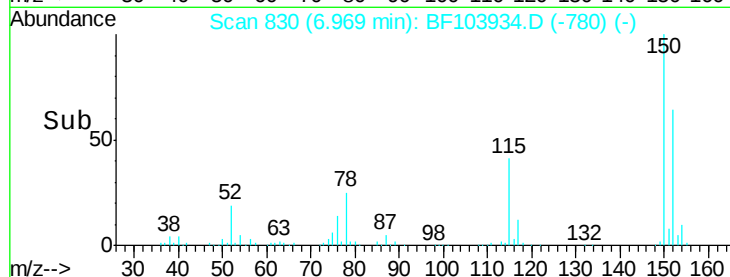
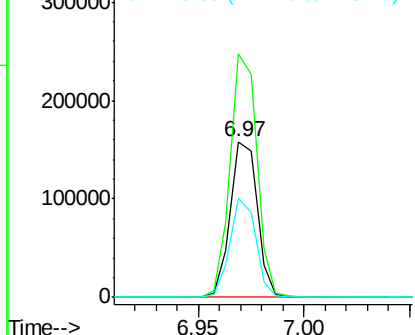
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103934.D
Acq: 26 Mar 2018 19:29

Instrument :
BNA_F
ClientSampleId :
PB107636BL

Tot Ion:152 Resp: 139030
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.6 50.1 75.1



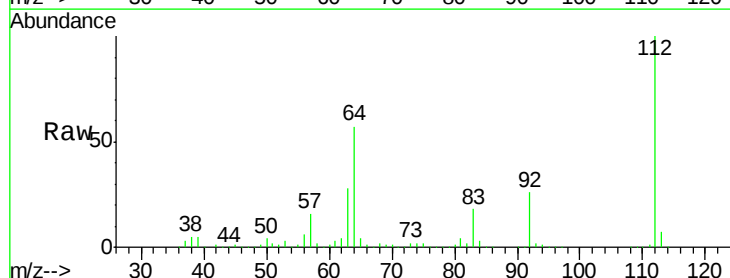
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



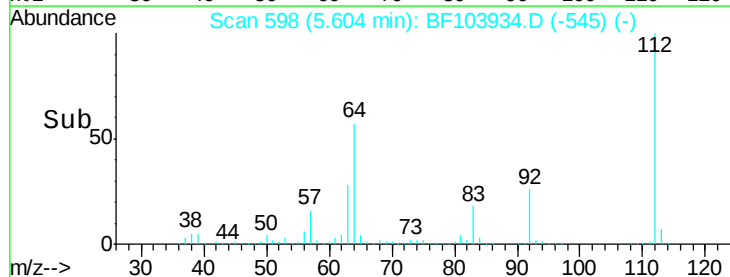
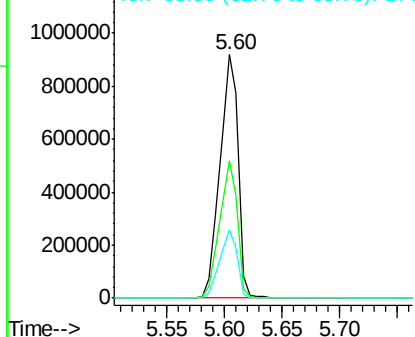
#5

2-Fluorophenol
Concen: 109.796 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103934.D
Acq: 26 Mar 2018 19:29

Tgt Ion:112 Resp: 1003617
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.3 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: 107.972 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103934.D

Acq: 26 Mar 2018 19:29

Instrument :

BNA_F

ClientSampleId :

PB107636BL

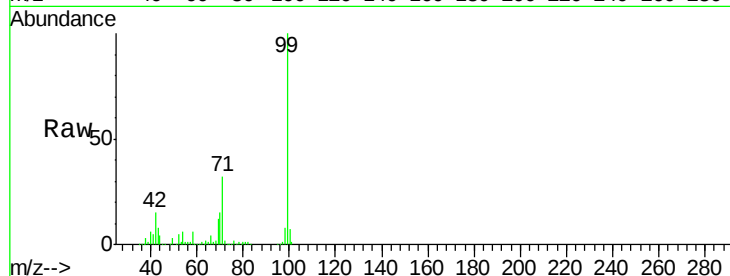
Tot Ion: 99 Resp: 1207459

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

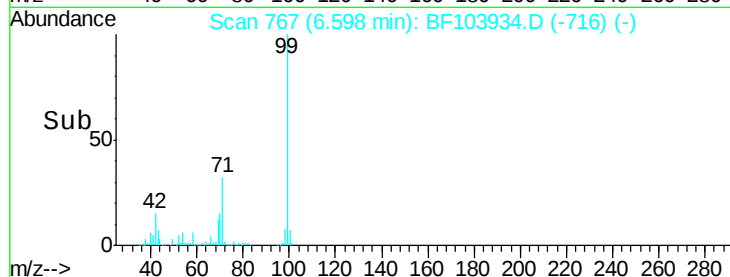
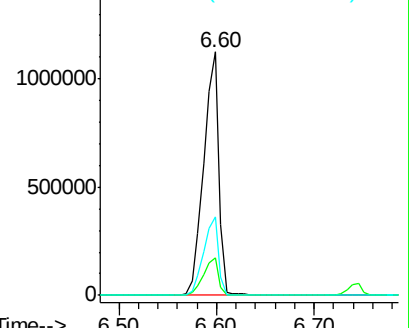
71 32.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103934.D

Acq: 26 Mar 2018 19:29

Tgt Ion: 136 Resp: 565961

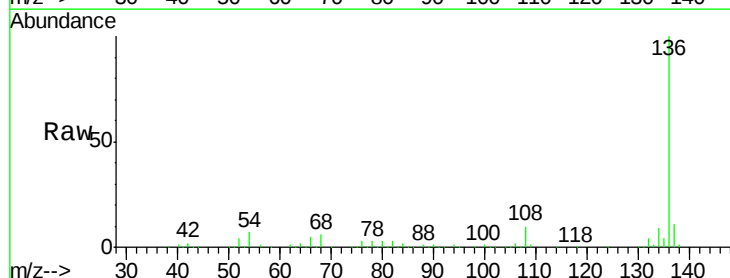
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

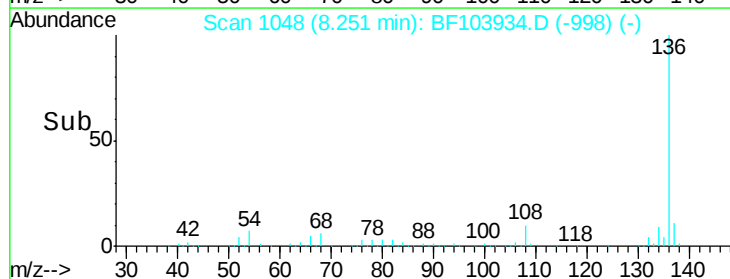
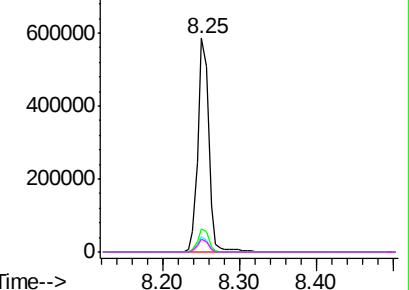


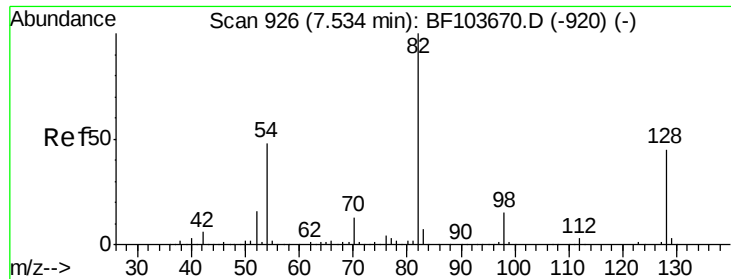
Abundance Ion 136.00 (135.70 to 136.70): E

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

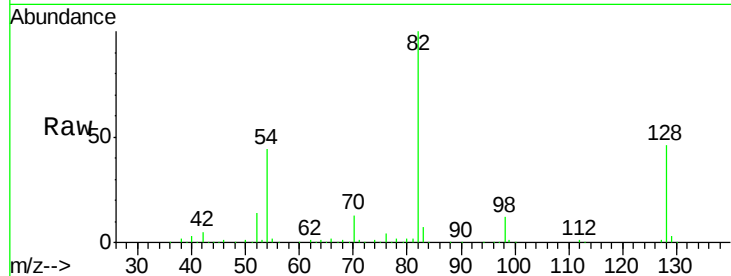




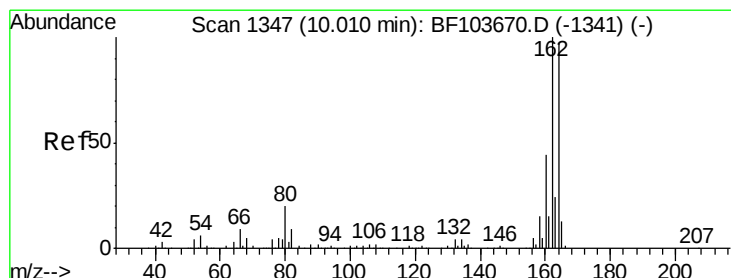
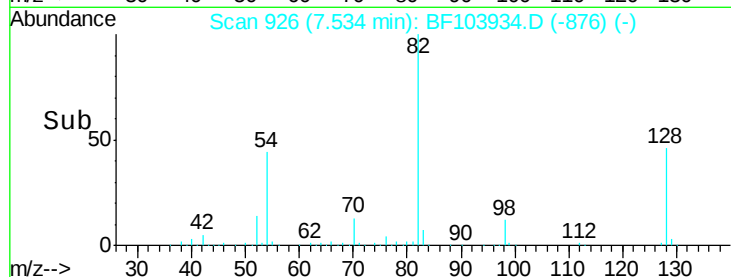
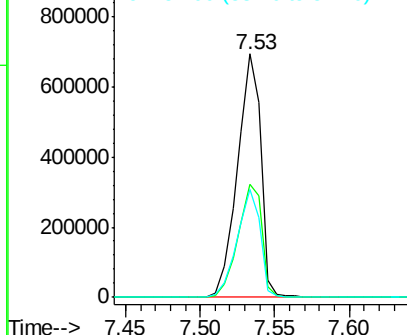
#23
Nitrobenzene-d5
Concen: 93.654 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103934.D
Acq: 26 Mar 2018 19:29

Instrument :
BNA_F
ClientSampleId :
PB107636BL

Tot Ion: 82 Resp: 760075
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 44.4 41.4 62.2

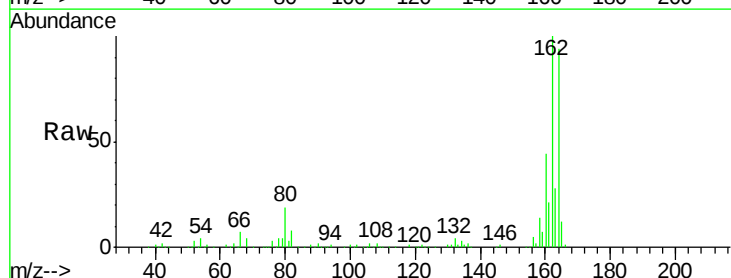


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

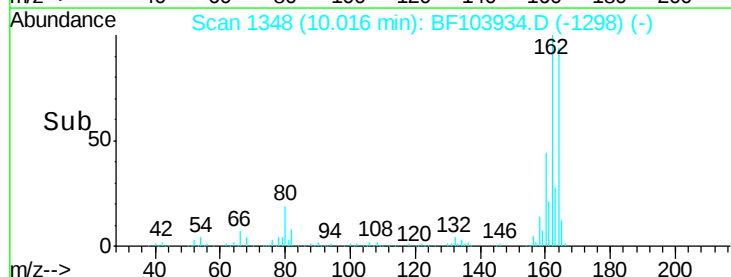
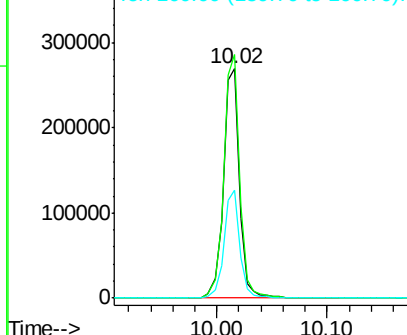


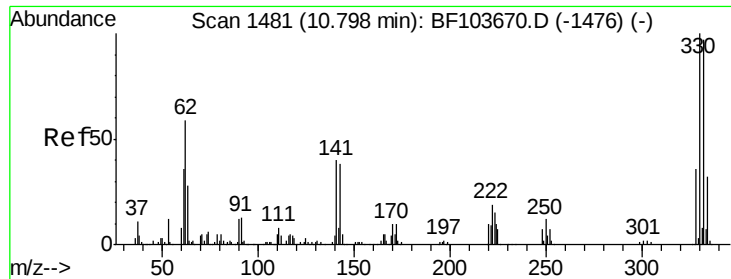
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103934.D
Acq: 26 Mar 2018 19:29

Tgt Ion: 164 Resp: 273398
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 47.0 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

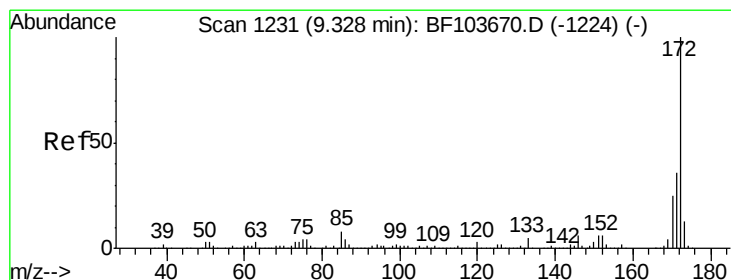
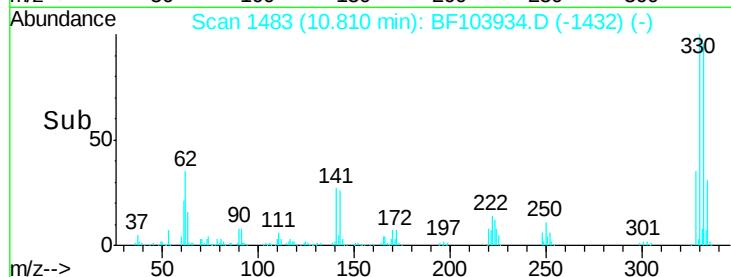
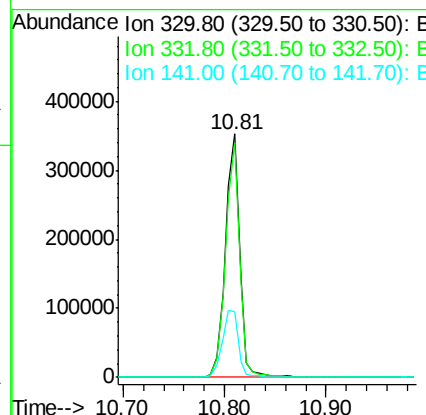
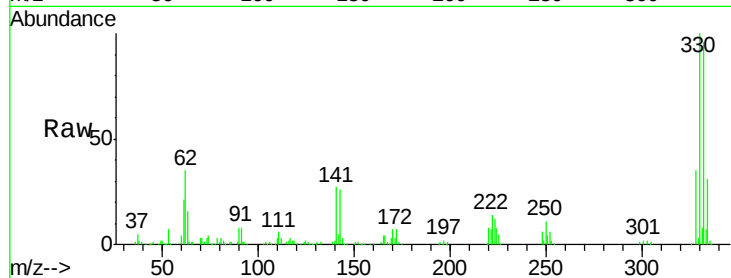




#41
 2,4,6-Tribromophenol
 Concen: 147.790 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103934.D
 Acq: 26 Mar 2018 19:29

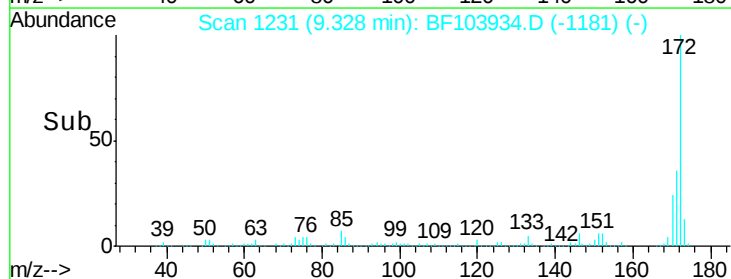
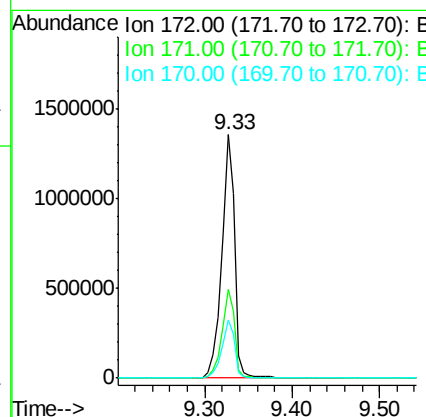
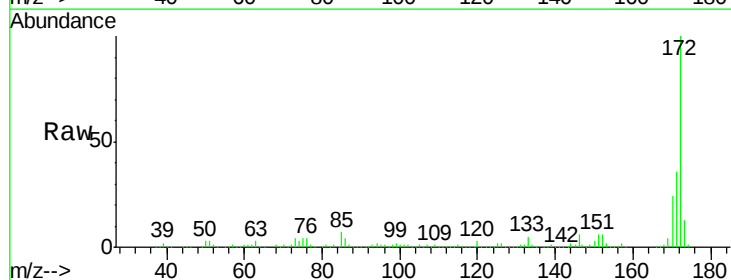
Instrument :
 BNA_F
 ClientSampleId :
 PB107636BL

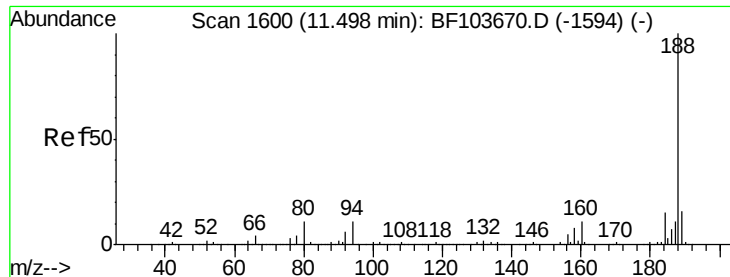
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	31.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 80.872 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103934.D
 Acq: 26 Mar 2018 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

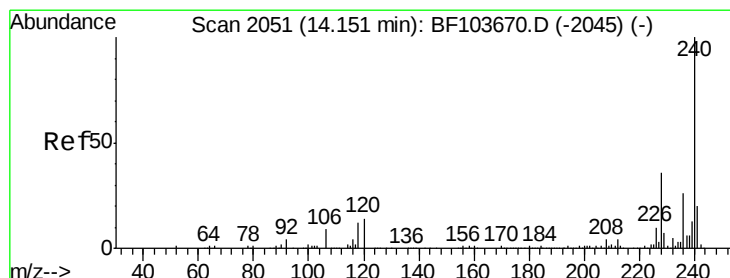
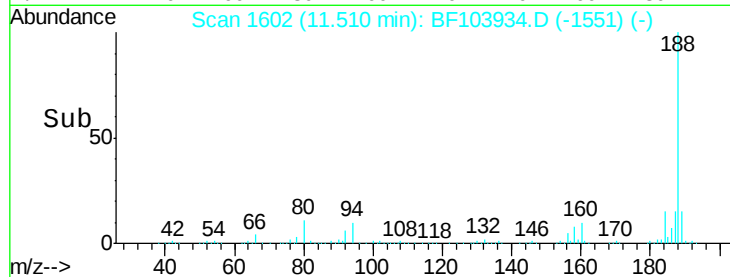
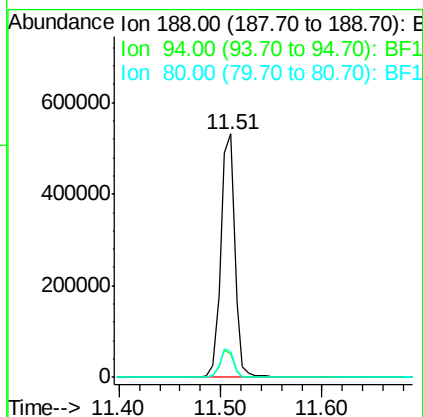
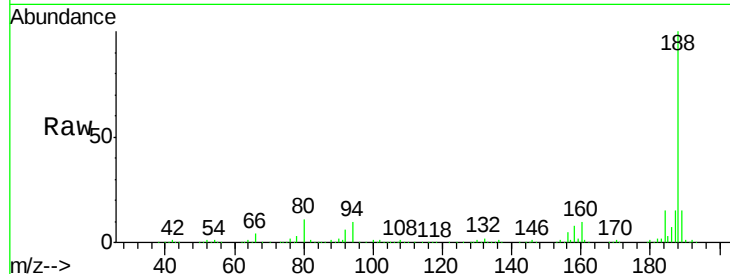




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103934.D
Acq: 26 Mar 2018 19:29

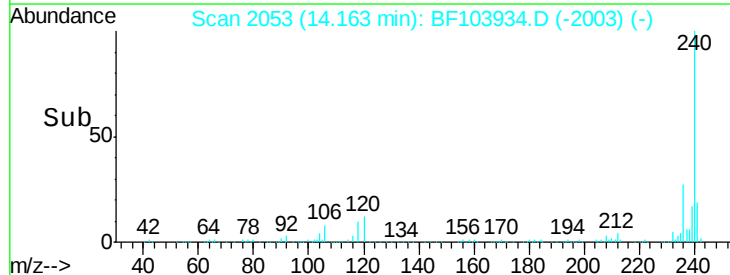
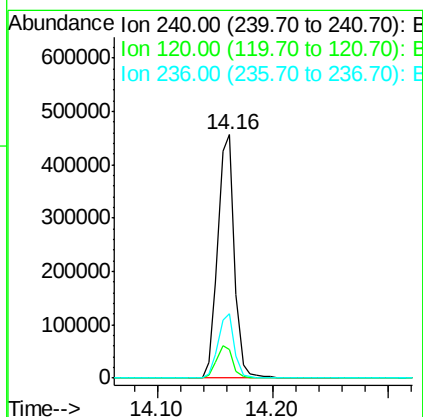
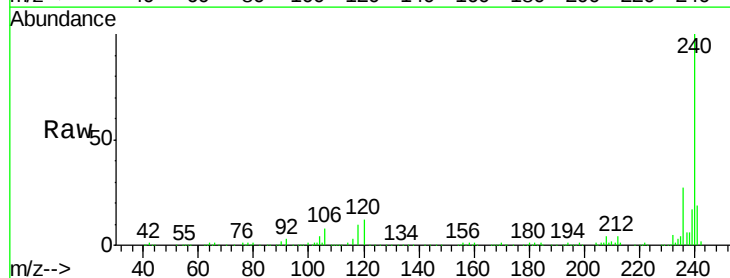
Instrument :
BNA_F
ClientSampleId :
PB107636BL

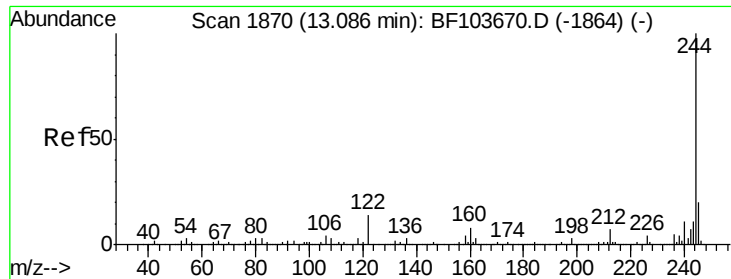
Tot Ion:188 Resp: 510222
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103934.D
Acq: 26 Mar 2018 19:29

Tgt Ion:240 Resp: 458493
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 76.054 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103934.D

Acq: 26 Mar 2018 19:29

Instrument :

BNA_F

ClientSampleId :

PB107636BL

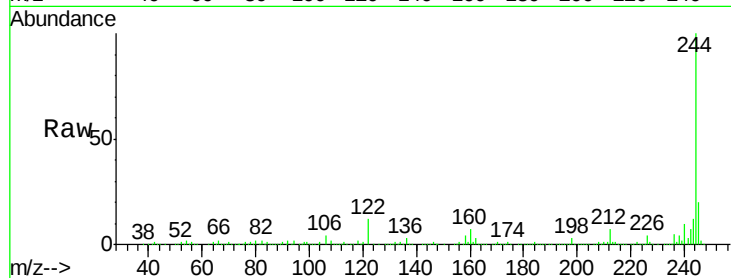
Tot Ion:244 Resp: 1502280

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

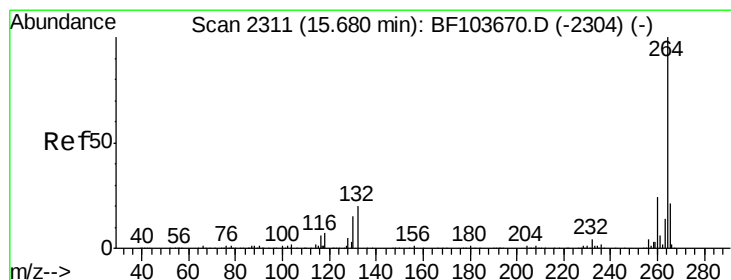
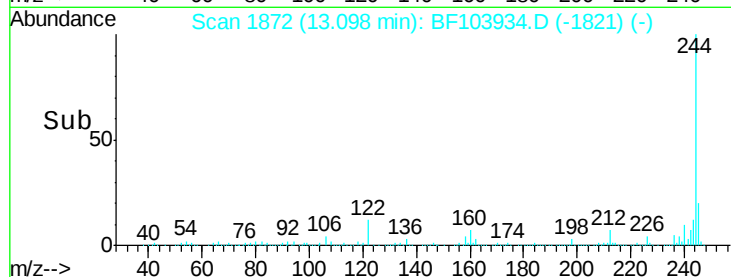
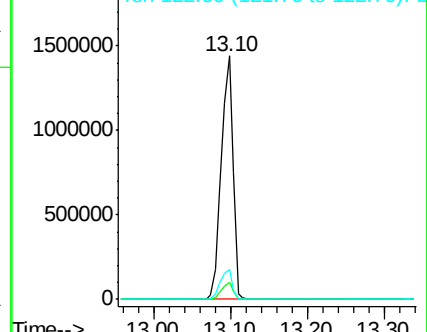
122 12.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103934.D

Acq: 26 Mar 2018 19:29

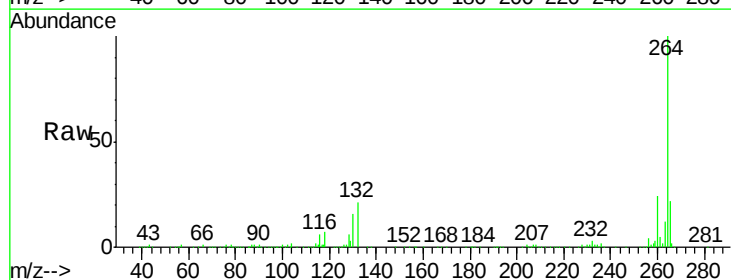
Tgt Ion:264 Resp: 414018

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

