

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103911.D
 Acq On : 24 Mar 2018 7:03
 Operator : JU/SJ
 Sample : PB107612BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107612BL

Quant Time: Mar 26 01:13:42 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	120512	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	464355	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	186145	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	282018	20.00	ng	0.00
75) Chrysene-d12	14.16	240	230008	20.00	ng	0.00
86) Perylene-d12	15.71	264	165059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	595809	75.20	ng	0.00
7) Phenol-d6	6.59	99	710285	73.27	ng	0.00
23) Nitrobenzene-d5	7.53	82	576806	86.62	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	125011	78.11	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1071121	91.79	ng	0.00
78) Terphenyl-d14	13.10	244	813627	82.11	ng	0.00

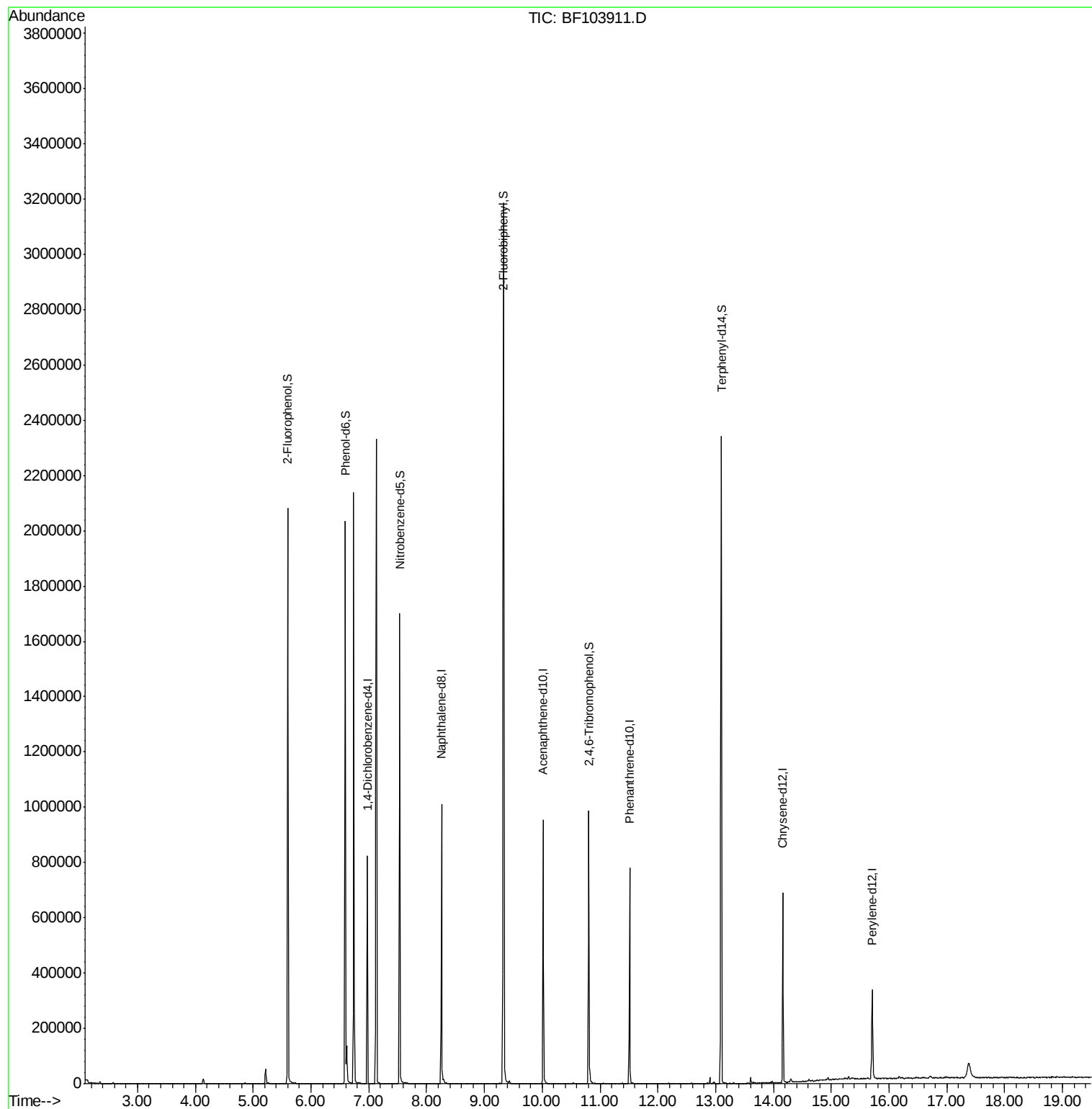
Target Compounds Qvalue

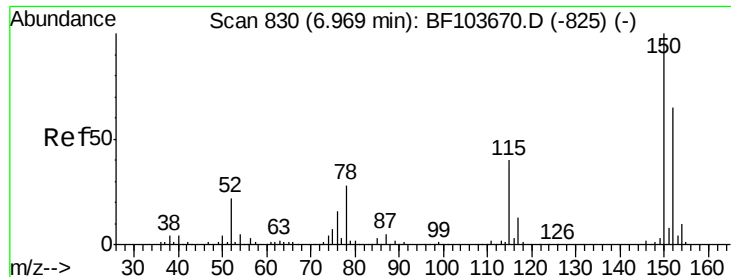
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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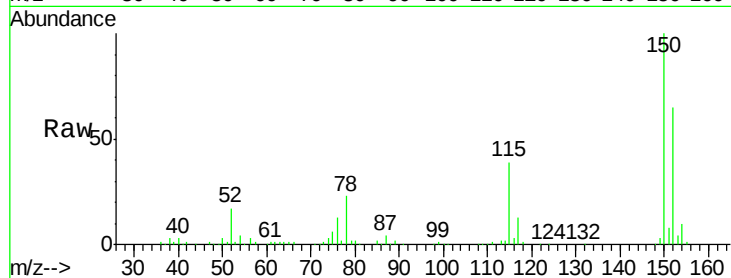


#1

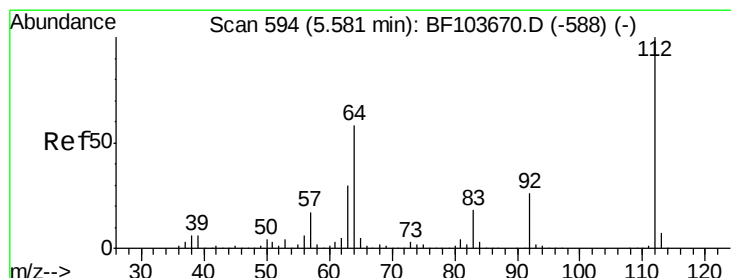
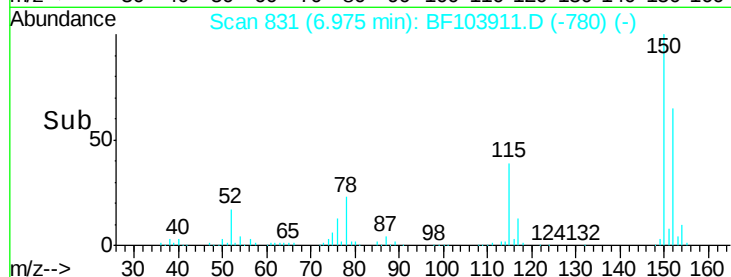
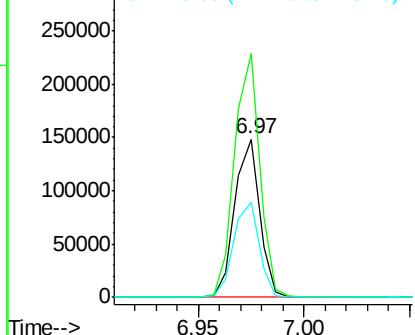
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB107612BL

Tot Ion:152 Resp: 120512
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.3 50.1 75.1



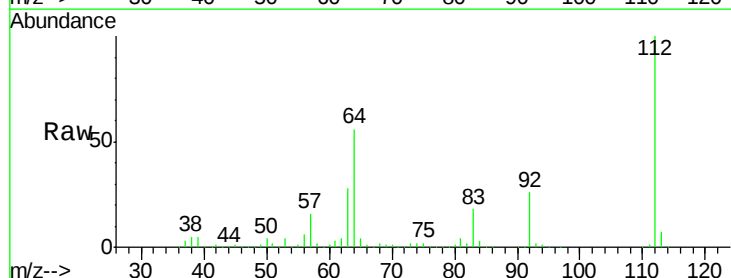
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



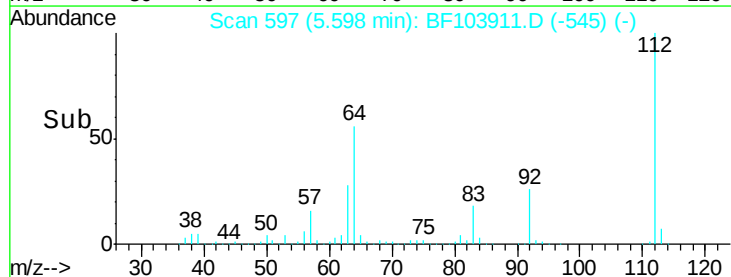
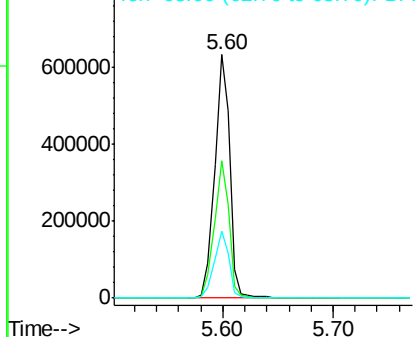
#5

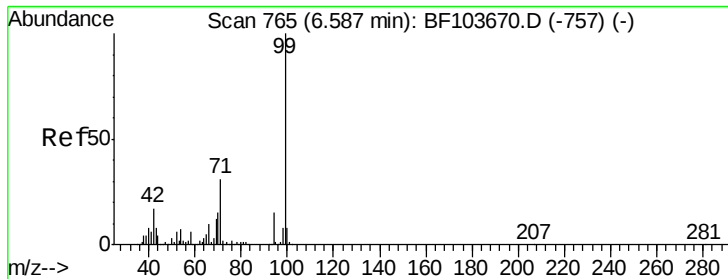
2-Fluorophenol
Concen: 75.198 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Tgt Ion:112 Resp: 595809
Ion Ratio Lower Upper
112 100
64 56.4 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: 73.274 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB107612BL

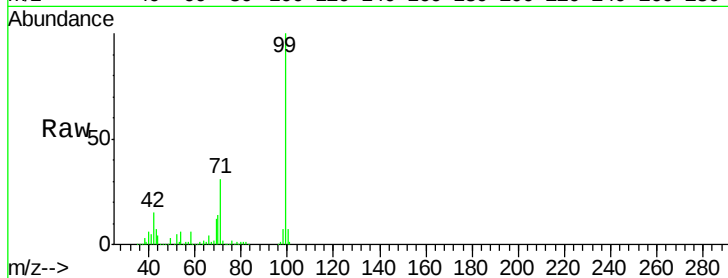
Tot Ion: 99 Resp: 710285

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

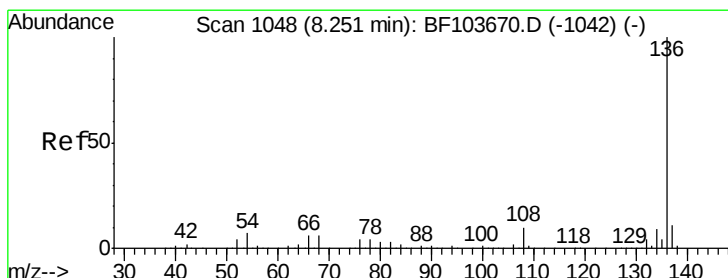
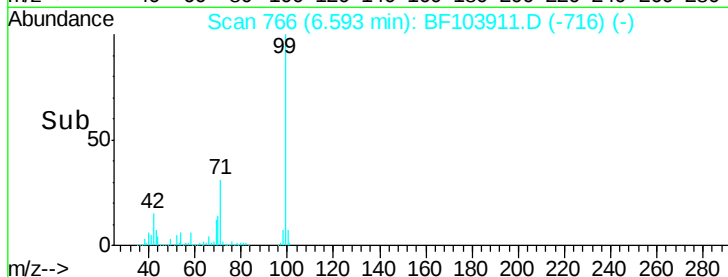
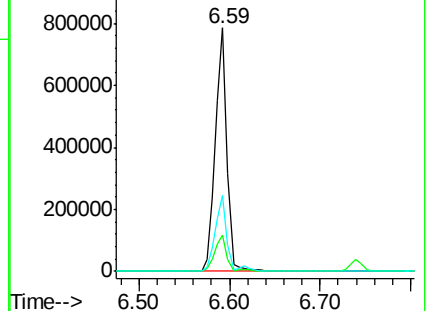
71 31.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Tgt Ion: 136 Resp: 464355

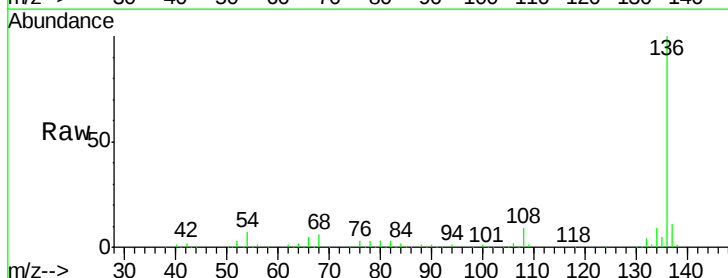
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.9 5.0 7.4

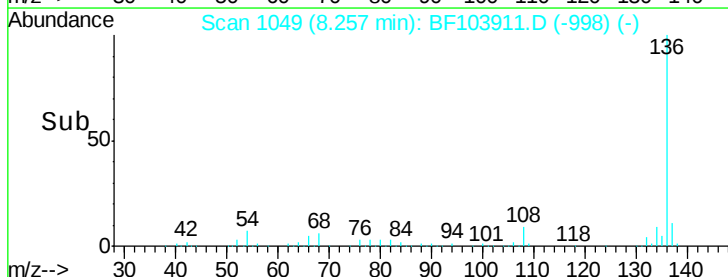
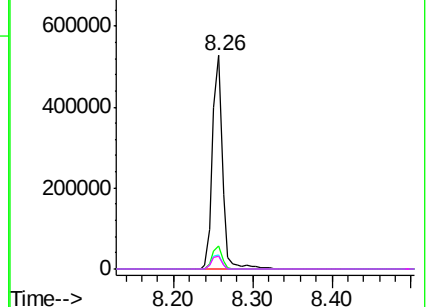


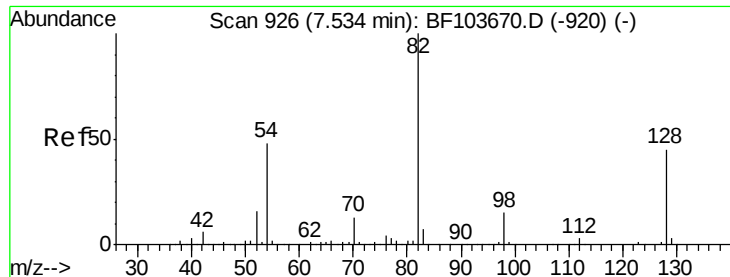
Abundance Ion 136.00 (135.70 to 136.70): E

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

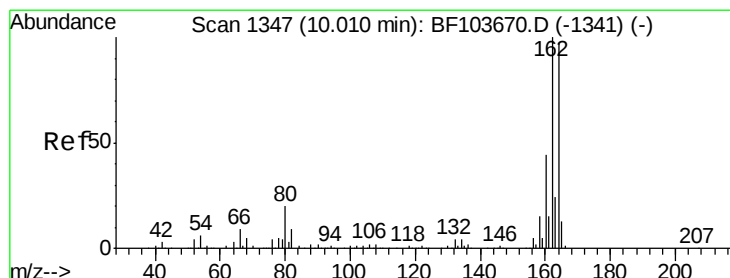
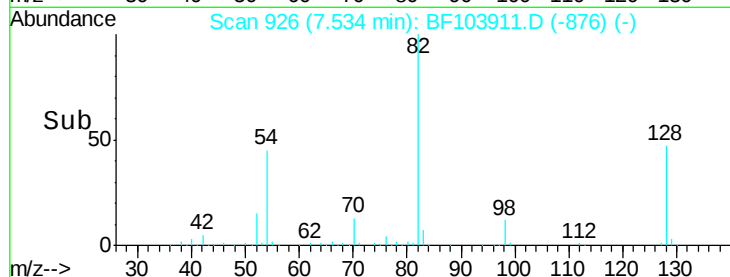
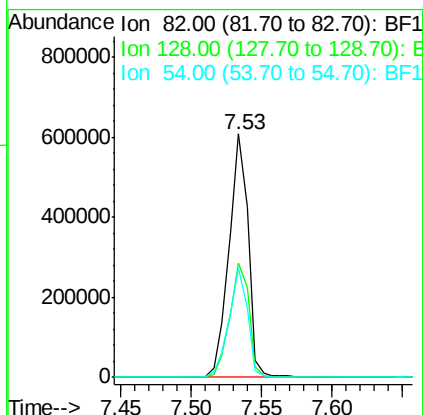
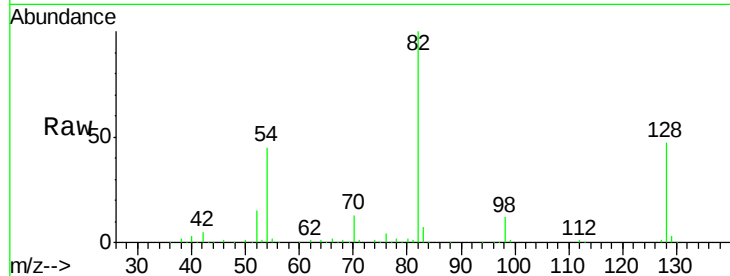




#23
 Nitrobenzene-d5
 Concen: 86.624 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

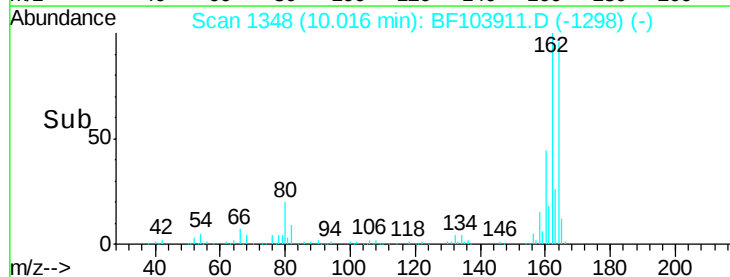
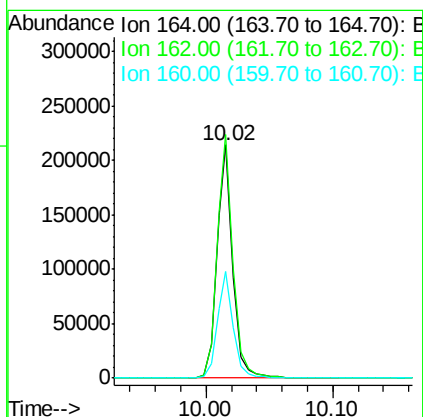
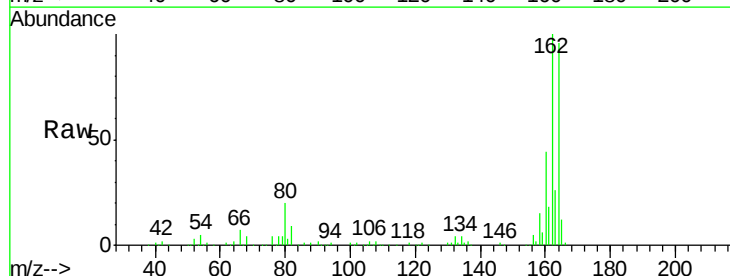
Instrument :
 BNA_F
 ClientSampleId :
 PB107612BL

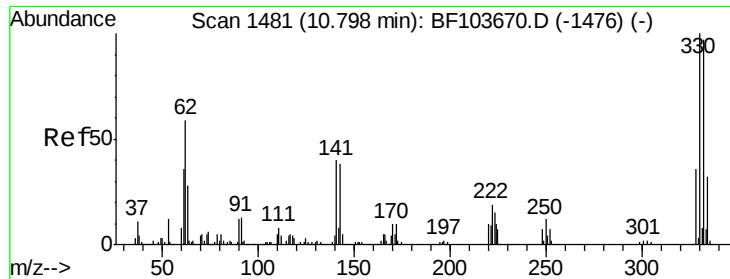
Tot Ion	82	Resp	576806
Ion Ratio	100	Lower	Upper
128	47.0	36.1	54.1
54	44.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Tgt Ion	164	Resp	186145
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.4	86.1	129.1
160	45.8	38.3	57.5

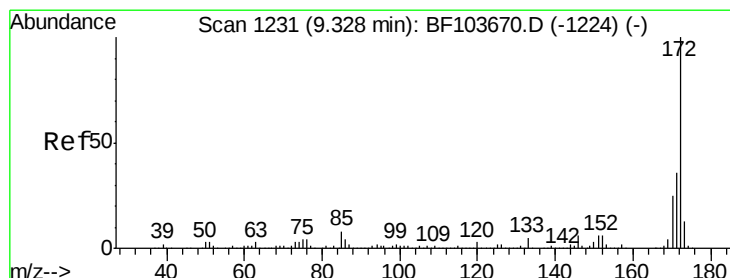
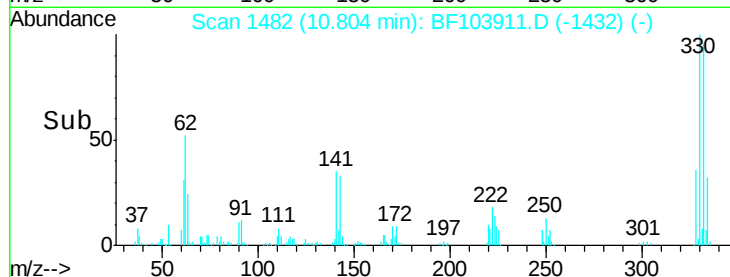
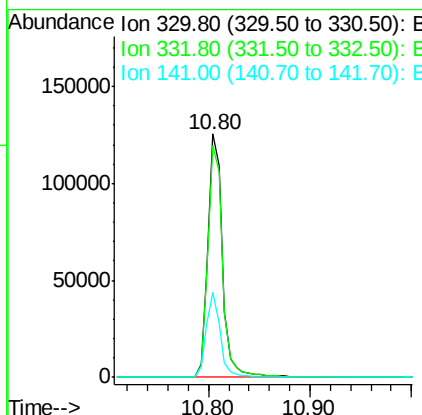
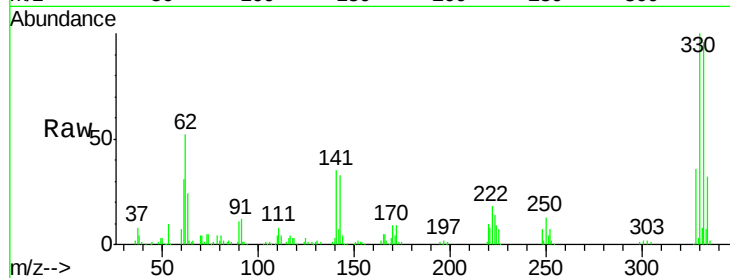




#41
 2,4,6-Tribromophenol
 Concen: 78.108 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

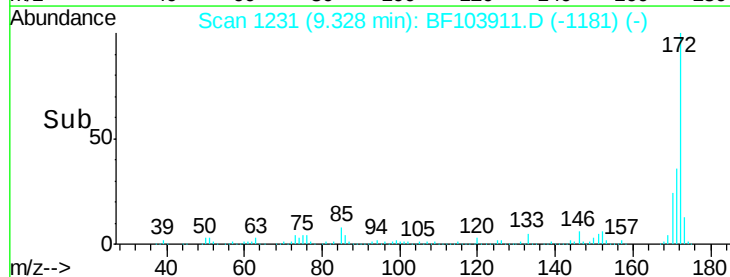
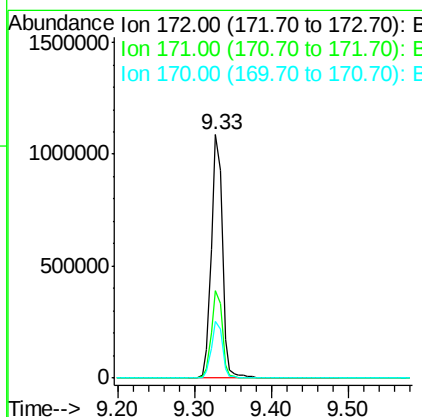
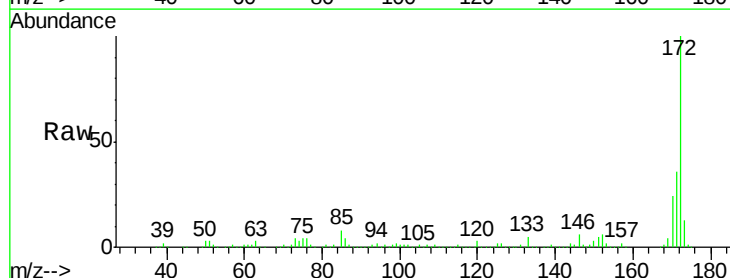
Instrument :
 BNA_F
 ClientSampleId :
 PB107612BL

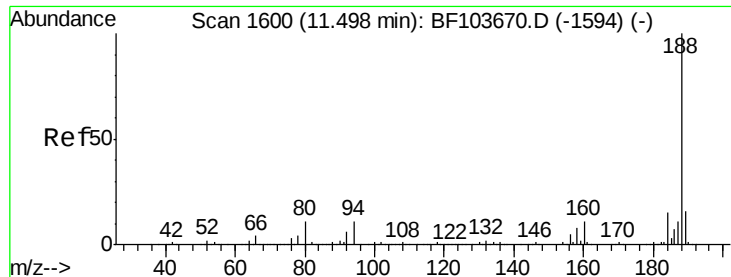
Tot Ion:330 Resp: 125011
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 91.789 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Tgt Ion:172 Resp: 1071121
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4

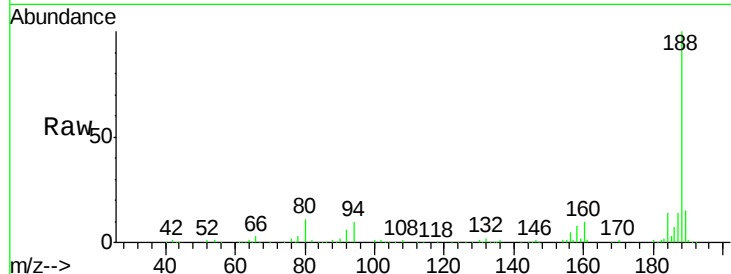




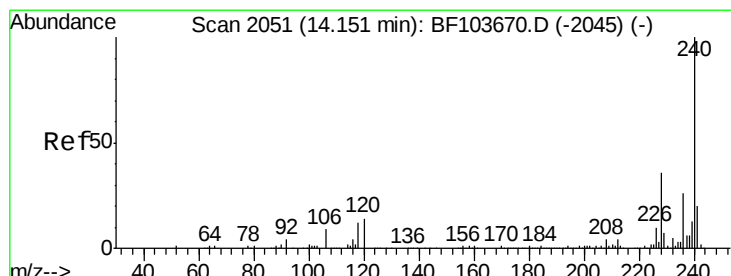
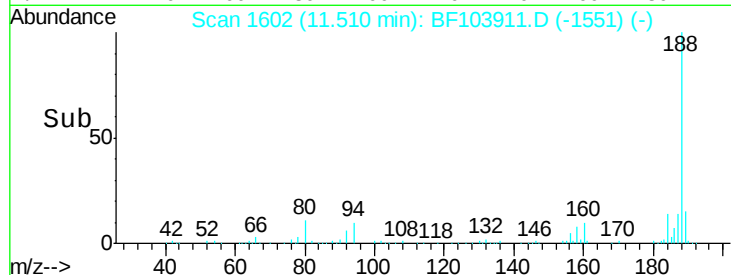
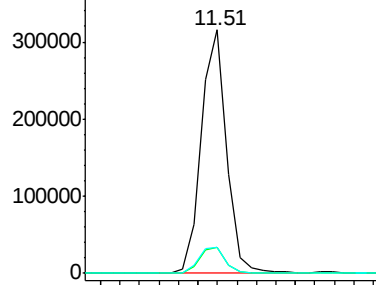
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB107612BL

Tot Ion:188 Resp: 282018
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.6 9.2 13.8

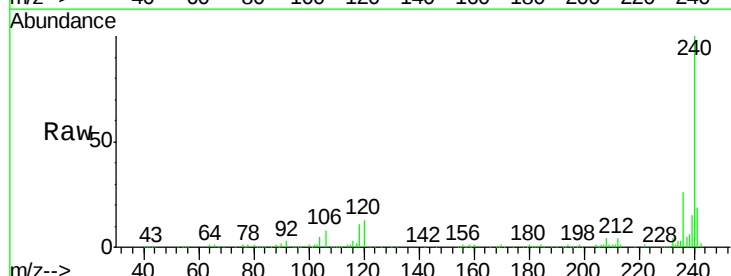


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

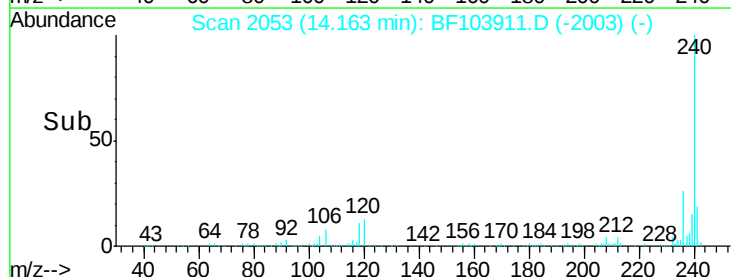
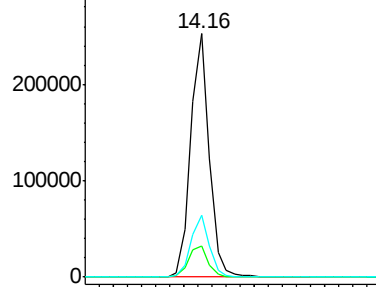


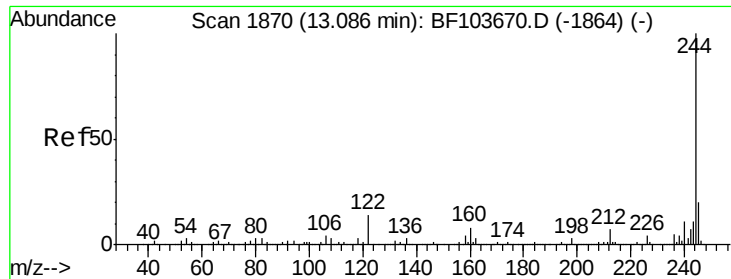
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Tgt Ion:240 Resp: 230008
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.6 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: 82.108 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB107612BL

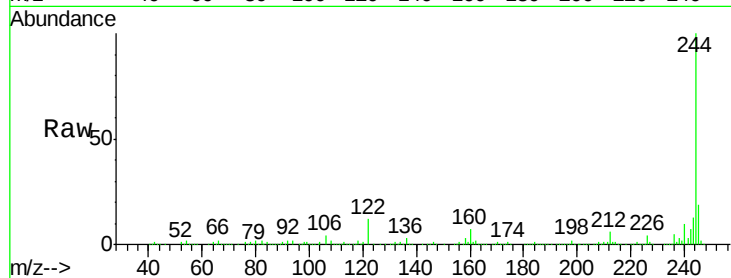
Tot Ion:244 Resp: 813627

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

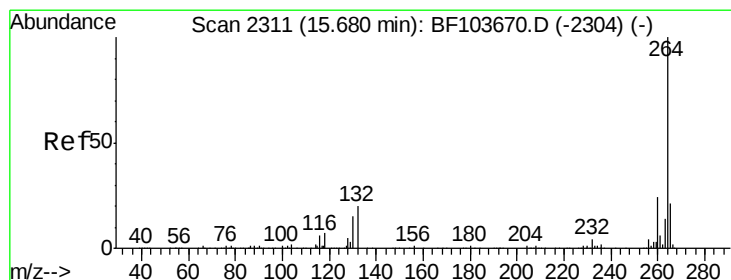
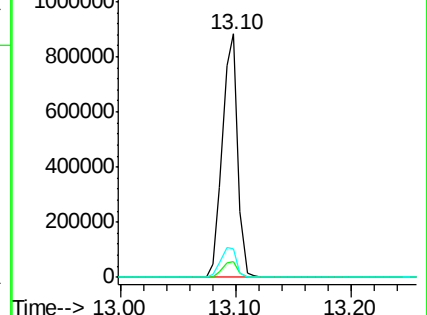
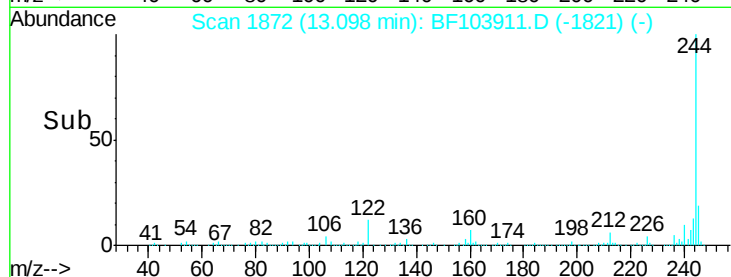
122 11.5 11.0 16.4



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: 15.71 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

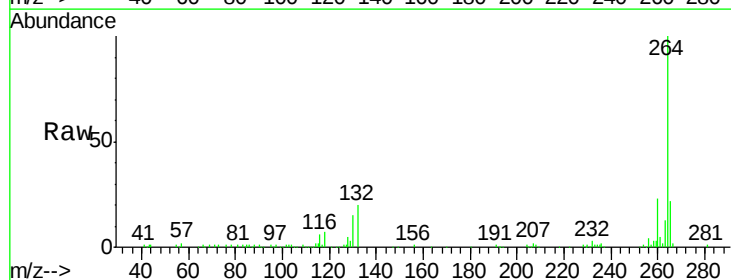
Tgt Ion:264 Resp: 165059

Ion Ratio Lower Upper

264 100

260 23.2 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

