

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103208.D
 Acq On : 26 Feb 2018 10:34
 Operator : SJ/JU
 Sample : PB106778BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BL

Quant Time: Feb 26 12:17:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144901	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	605629	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	273900	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	501031	20.00	ng	0.00
75) Chrysene-d12	14.04	240	394604	20.00	ng	0.00
86) Perylene-d12	15.53	264	328783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1043778	108.95	ng	0.01
7) Phenol-d6	6.50	99	1231707	105.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	803561	75.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	257934	111.25	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1317153	82.18	ng	0.00
78) Terphenyl-d14	12.99	244	1234949	75.23	ng	0.00

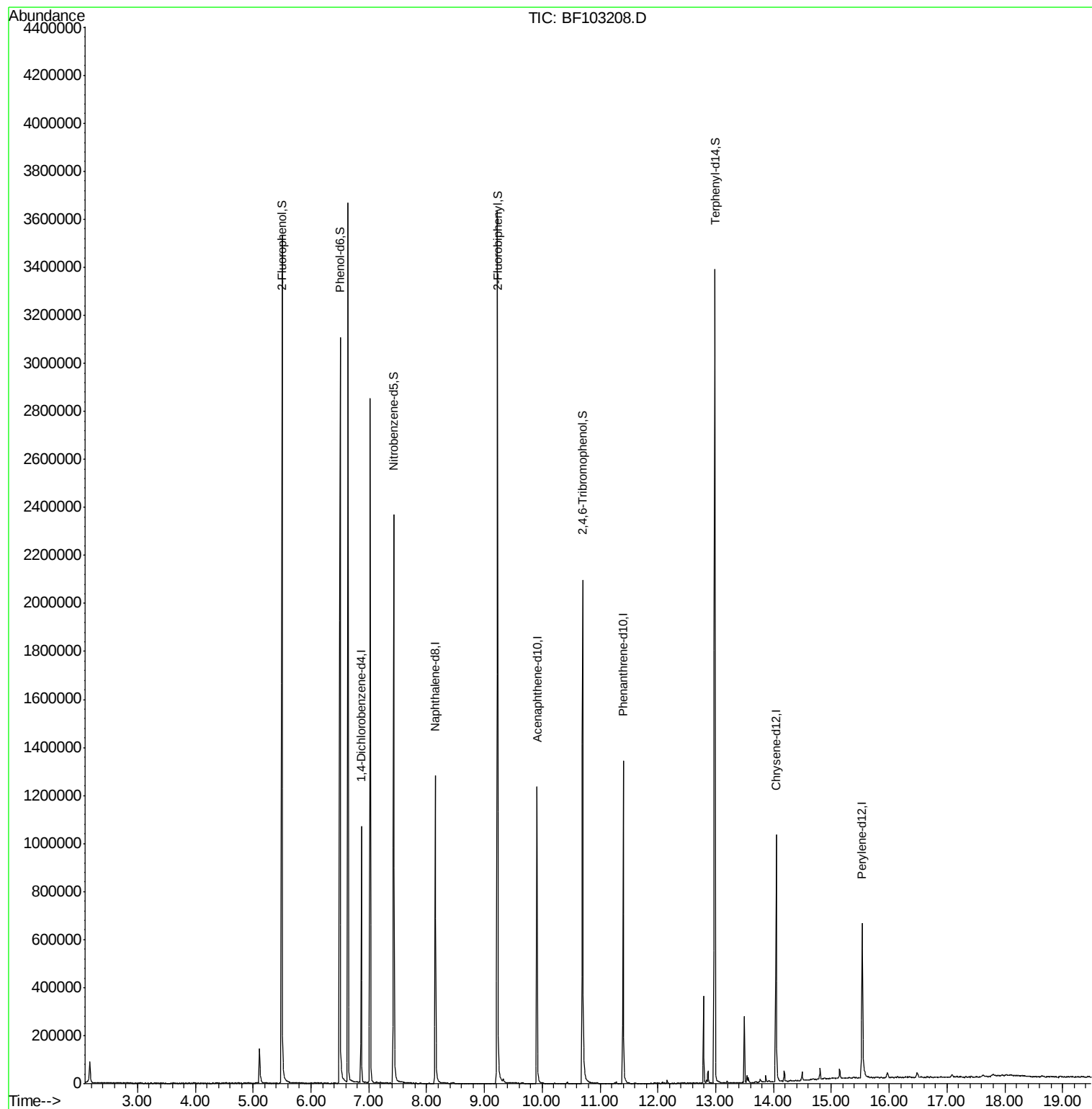
Target Compounds Qvalue

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

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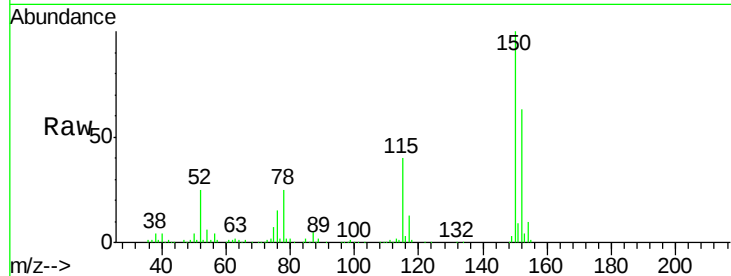


#1

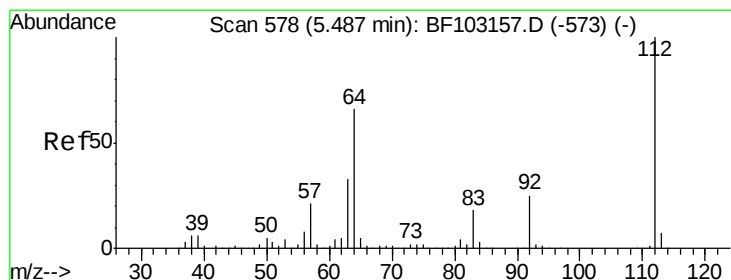
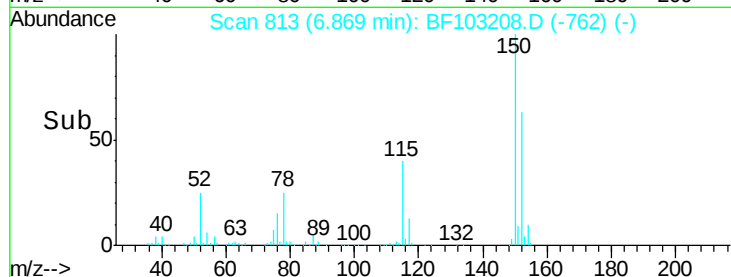
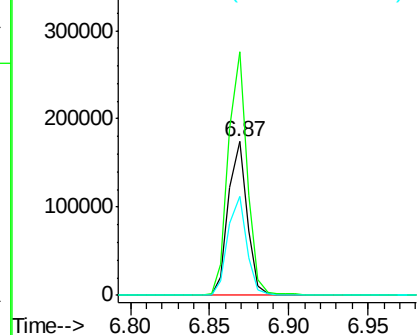
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB106778BL

Tot Ion:152 Resp: 144901
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 64.1 50.1 75.1



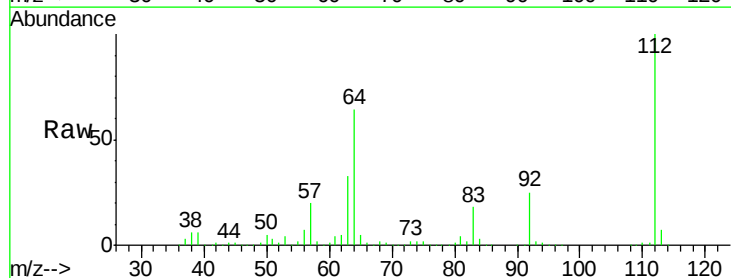
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



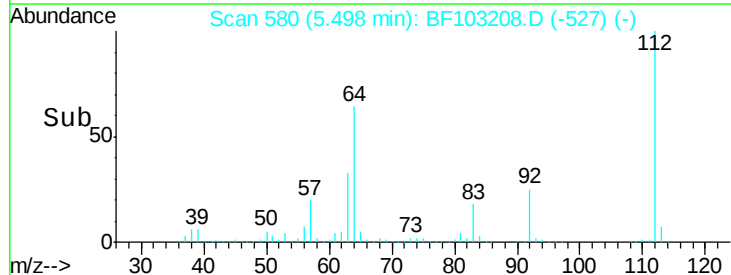
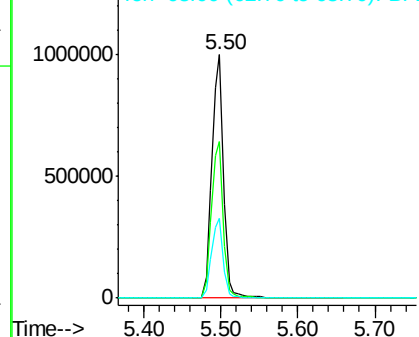
#5

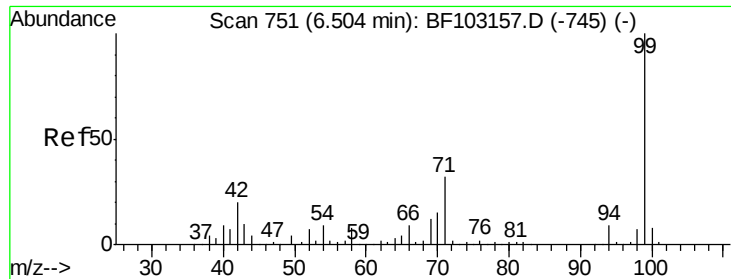
2-Fluorophenol
Concen: 108.946 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:112 Resp: 1043778
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.5 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: 105.064 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103208.D

Acq: 26 Feb 2018 10:34

Instrument :

BNA_F

ClientSampled :

PB106778BL

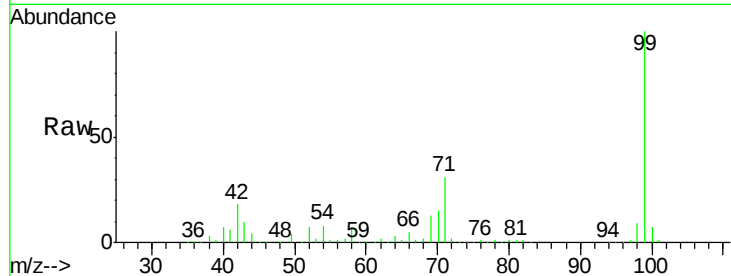
Tot Ion: 99 Resp: 1231707

Ion Ratio Lower Upper

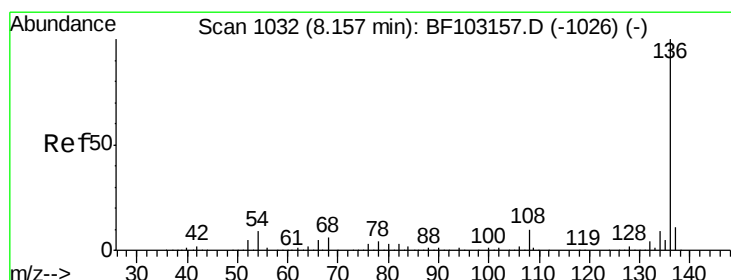
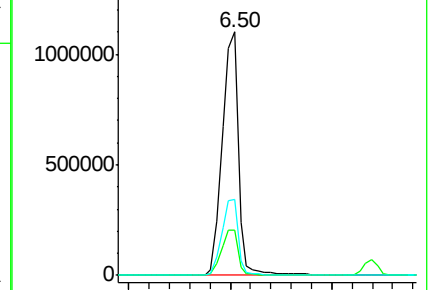
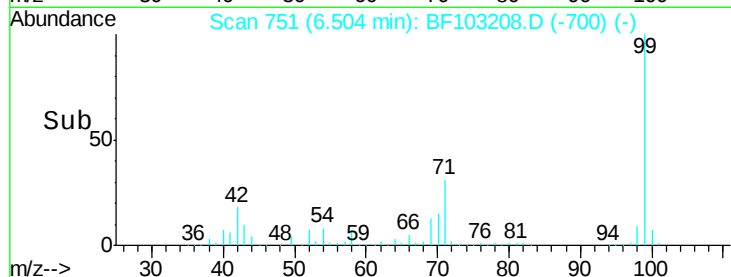
99 100

42 18.3 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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103208.D

Acq: 26 Feb 2018 10:34

Tgt Ion: 136 Resp: 605629

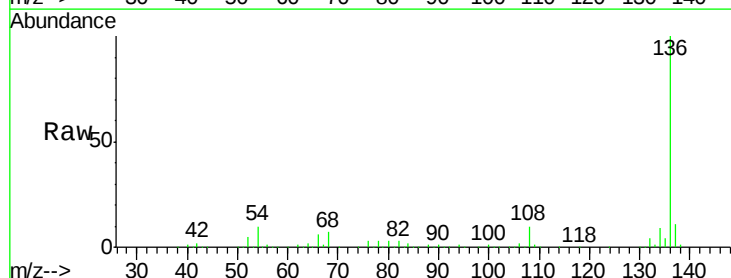
Ion Ratio Lower Upper

136 100

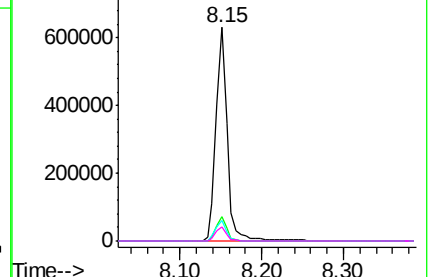
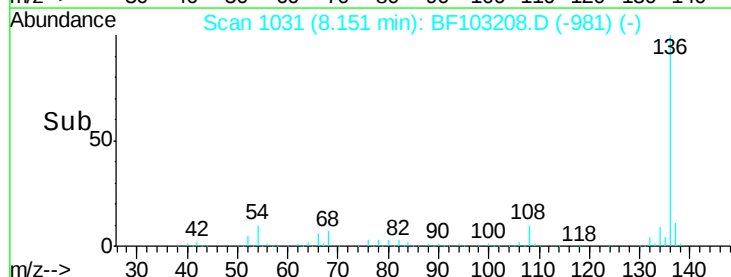
137 11.2 8.9 13.3

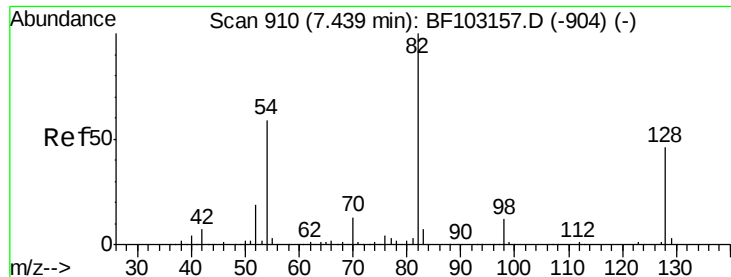
54 9.6 6.6 9.8

68 6.5 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

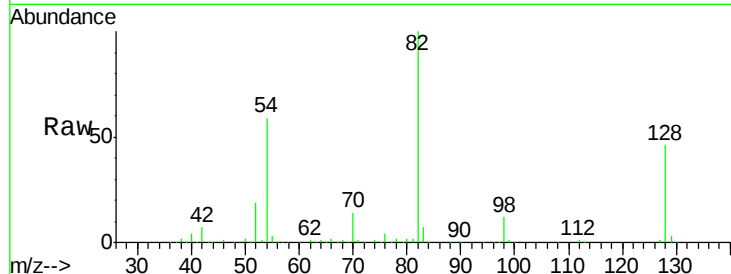




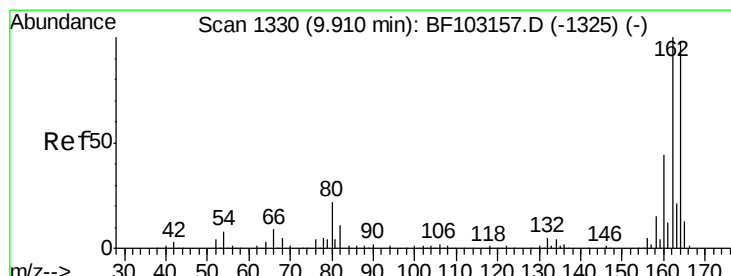
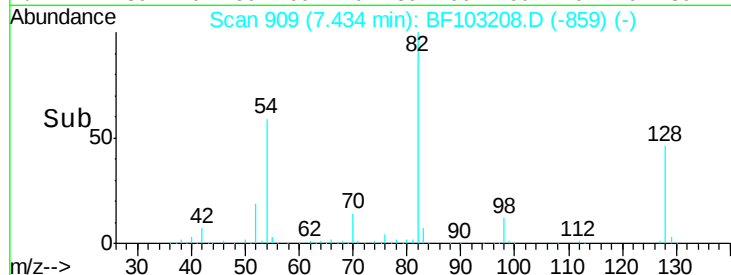
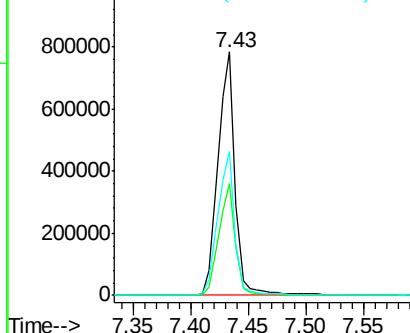
#23
 Nitrobenzene-d5
 Concen: 75.773 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103208.D
 Acq: 26 Feb 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BL

Tot Ion	82	Resp	803561
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	59.1	41.4	62.2

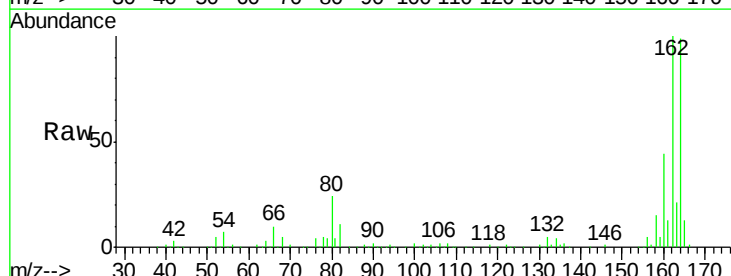


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

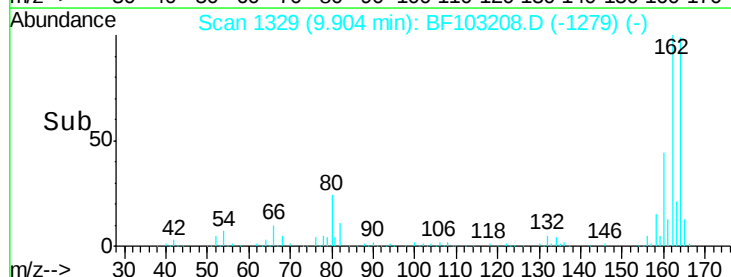
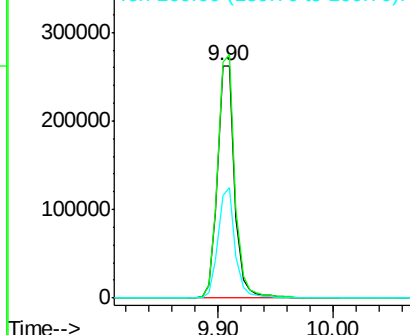


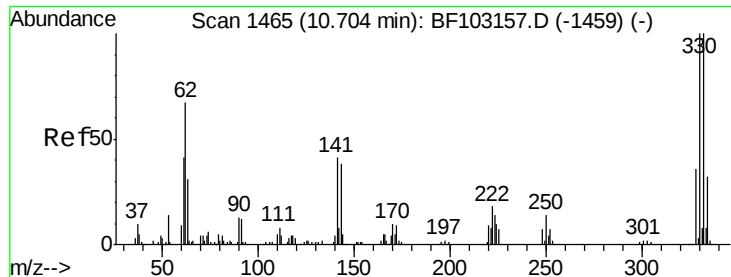
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103208.D
 Acq: 26 Feb 2018 10:34

Tgt Ion	164	Resp	273900
Ion Ratio	Lower	Upper	
164	100		
162	101.4	86.1	129.1
160	44.5	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

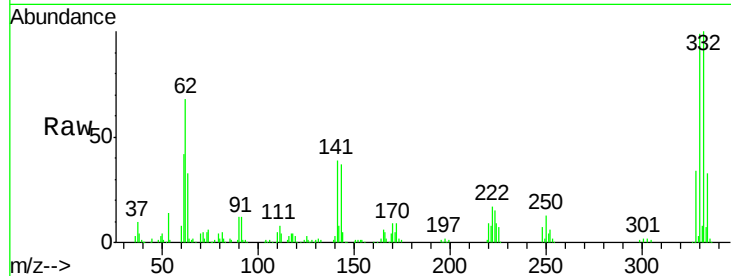




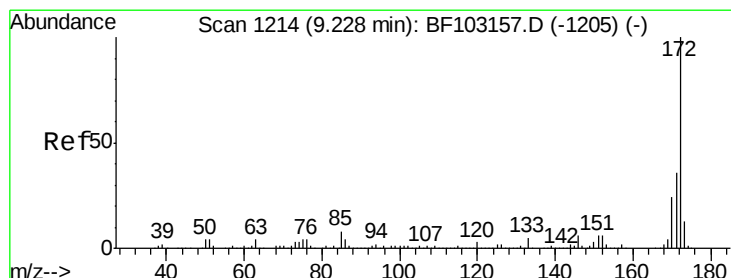
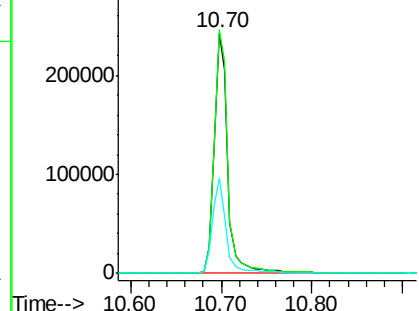
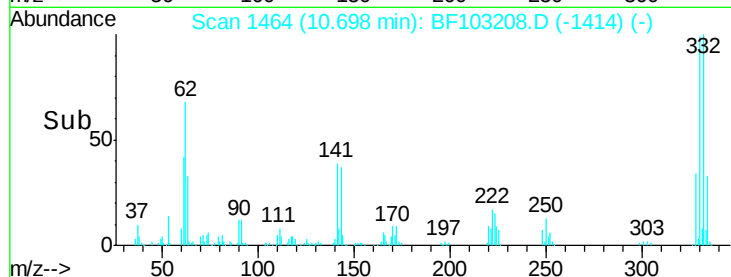
#41
 2,4,6-Tribromophenol
 Concen: 111.255 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103208.D
 Acq: 26 Feb 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	40.2	29.9	44.9

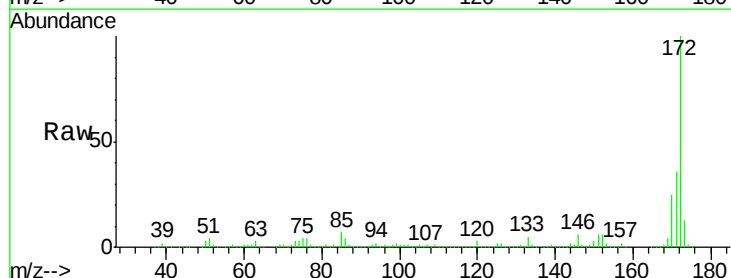


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

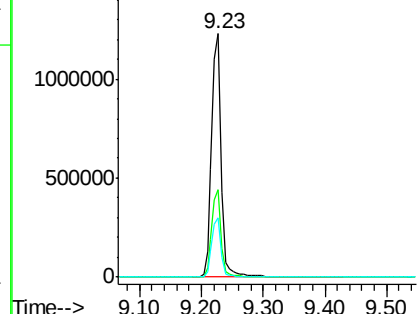
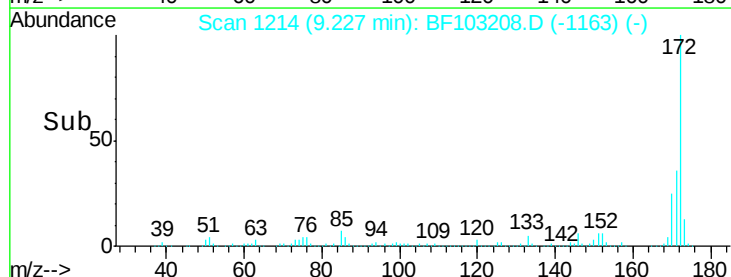


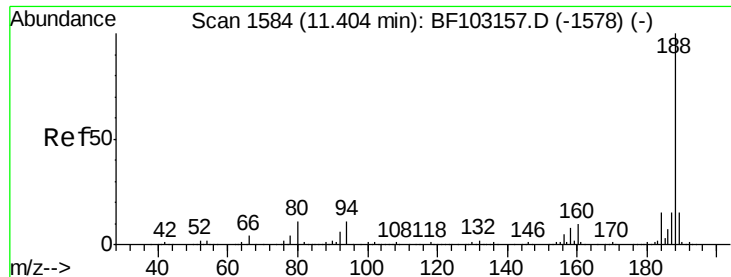
#44
 2-Fluorobiphenyl
 Concen: 82.177 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103208.D
 Acq: 26 Feb 2018 10:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	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

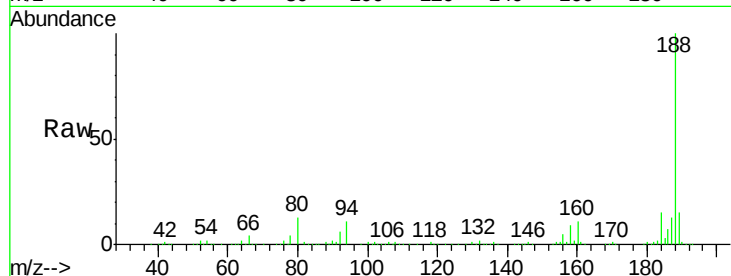




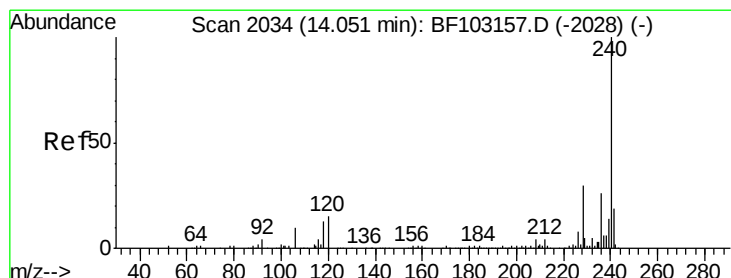
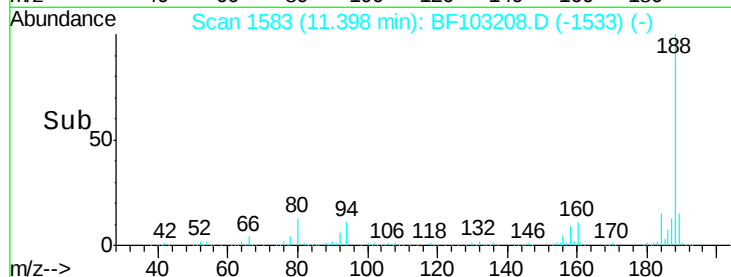
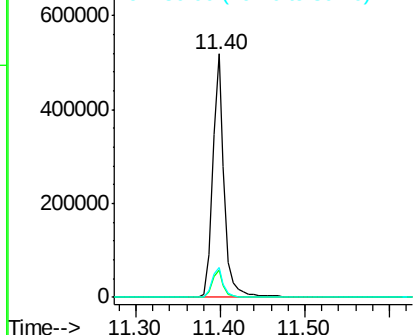
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB106778BL

Tot Ion:188 Resp: 501031
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.5 9.2 13.8

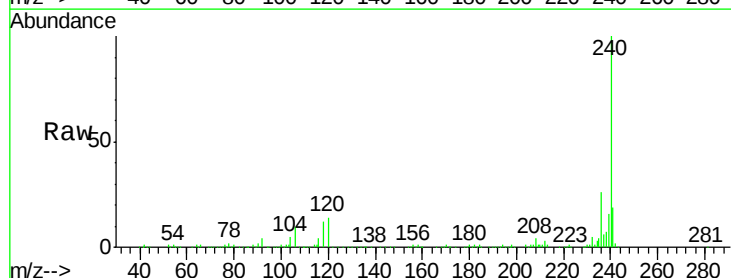


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

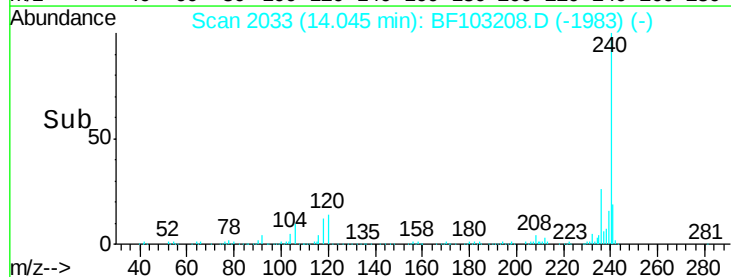
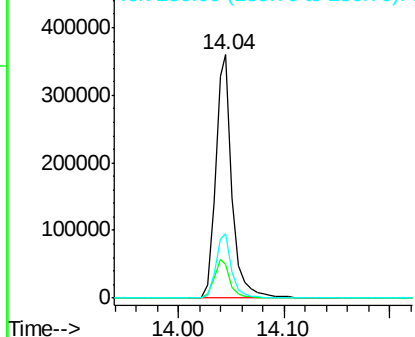


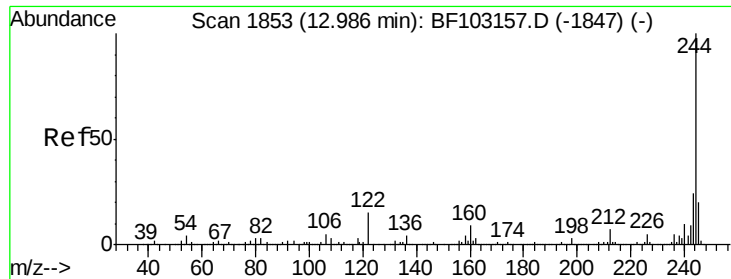
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:240 Resp: 394604
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.2 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





#78

Terphenyl-d14

Concen: 75.231 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103208.D

Acq: 26 Feb 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB106778BL

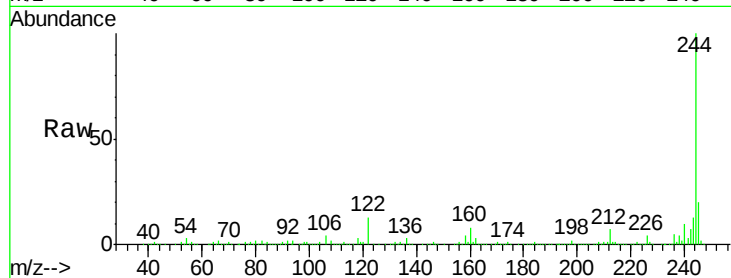
Tot Ion:244 Resp: 1234949

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

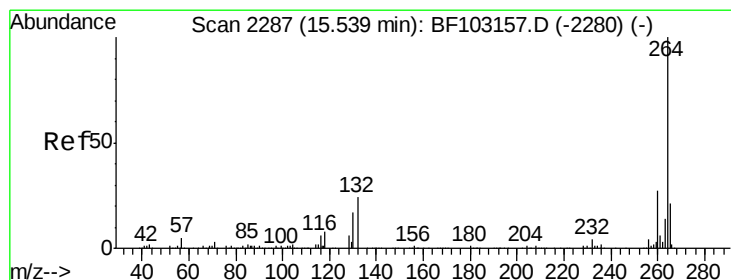
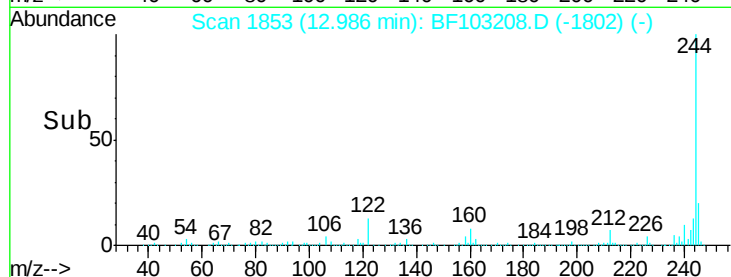
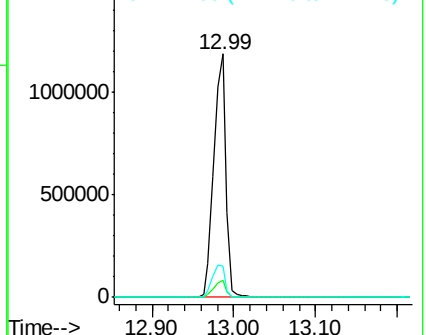
122 13.0 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BF103208.D

Acq: 26 Feb 2018 10:34

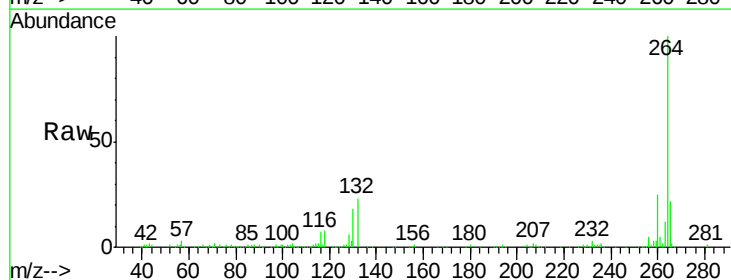
Tgt Ion:264 Resp: 328783

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.6 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

