

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103152.D
 Acq On : 21 Feb 2018 22:19
 Operator : SJ/JU
 Sample : PB106713BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BL

Quant Time: Feb 22 02:47:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167457	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703716	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	293377	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	430370	20.00	ng	0.00
75) Chrysene-d12	14.05	240	297569	20.00	ng	0.00
86) Perylene-d12	15.54	264	229465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1117030	101.30	ng	0.01
7) Phenol-d6	6.51	99	1333613	100.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	847950	83.59	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	218507	92.54	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1336872	75.61	ng	0.00
78) Terphenyl-d14	12.99	244	955471	76.03	ng	0.00

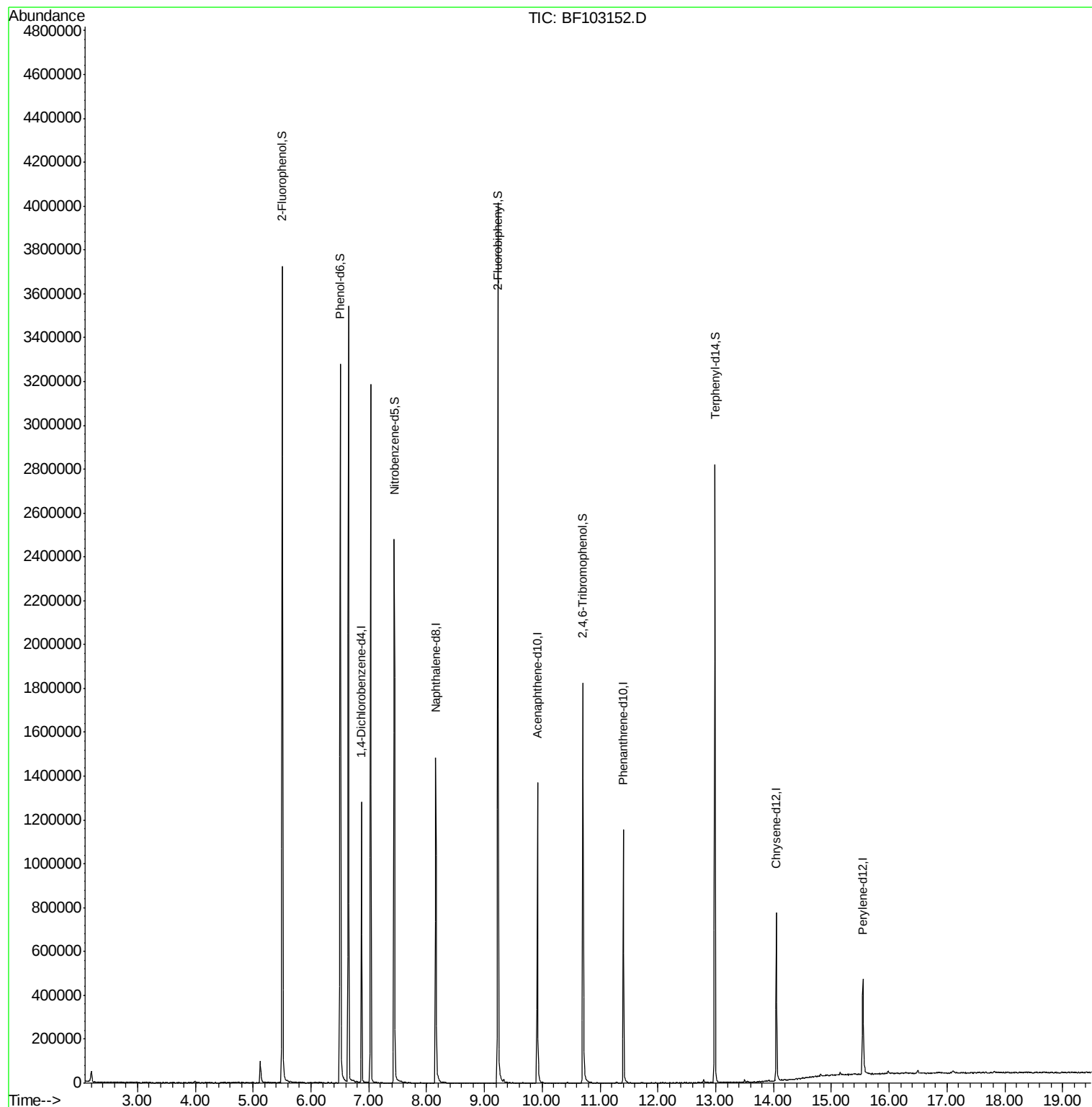
Target Compounds Qvalue

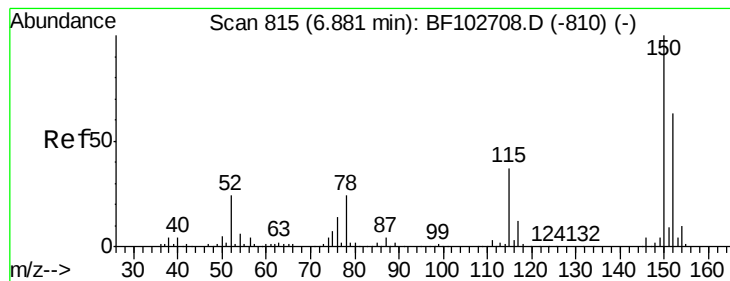
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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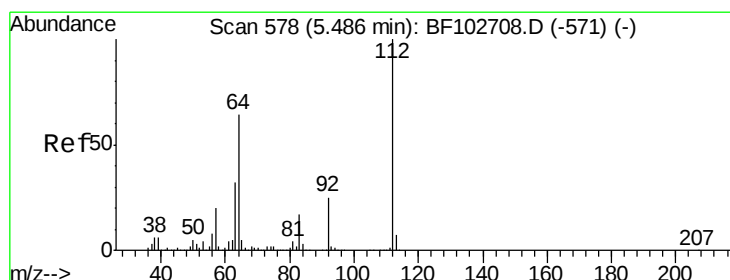
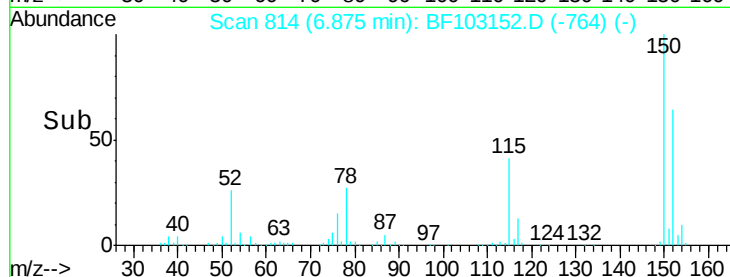
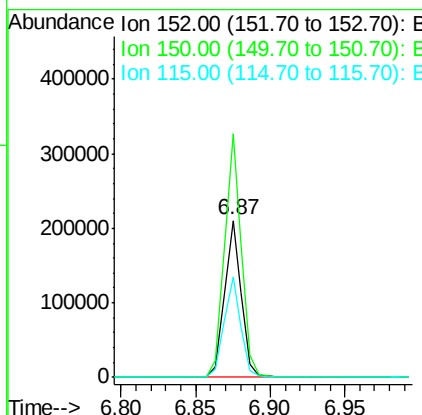
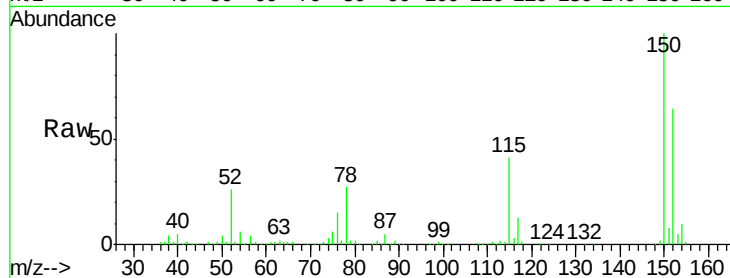


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103152.D
Acq: 21 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106713BL

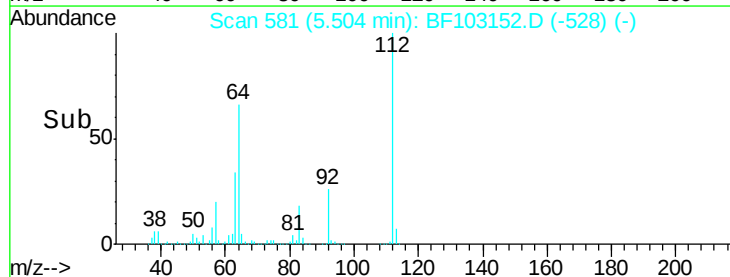
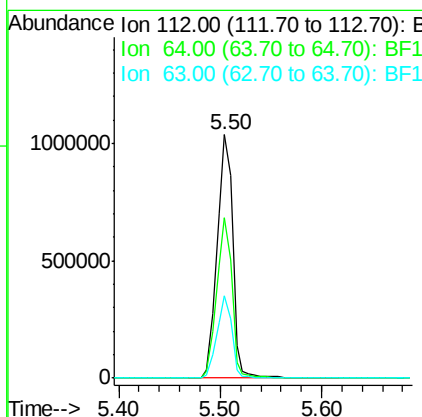
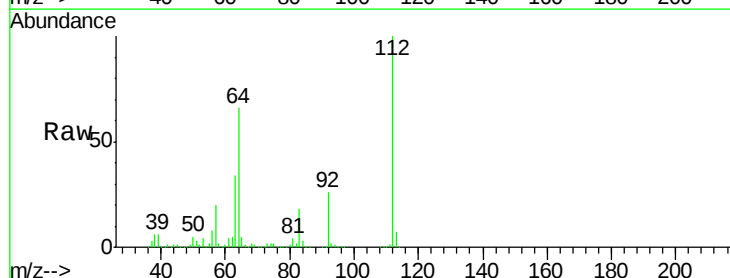
Tot Ion:152 Resp: 167457
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 63.7 50.1 75.1

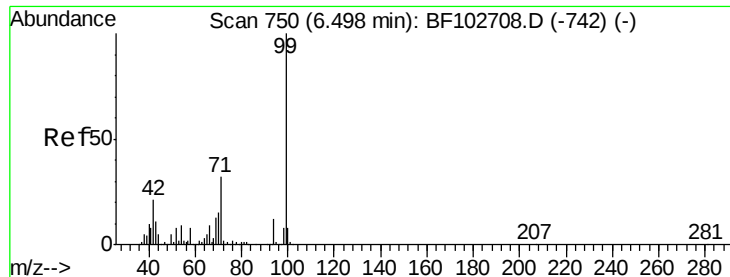


#5

2-Fluorophenol
Concen: 101.303 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103152.D
Acq: 21 Feb 2018 22:19

Tgt Ion:112 Resp: 1117030
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 33.6 23.7 35.5





#7

Phenol-d6

Concen: 100.447 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103152.D

Acq: 21 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

PB106713BL

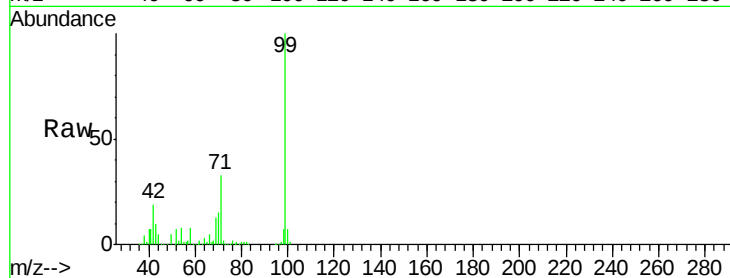
Tot Ion: 99 Resp: 1333613

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

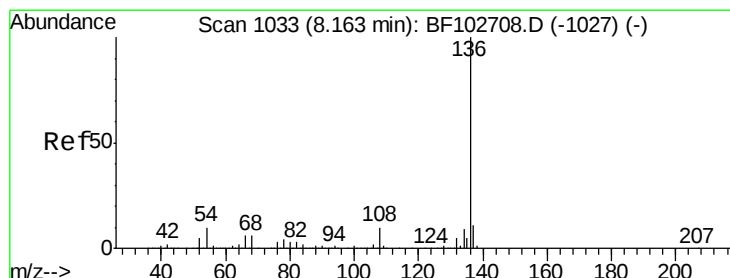
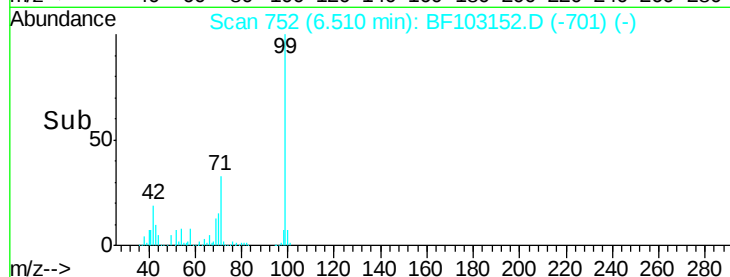
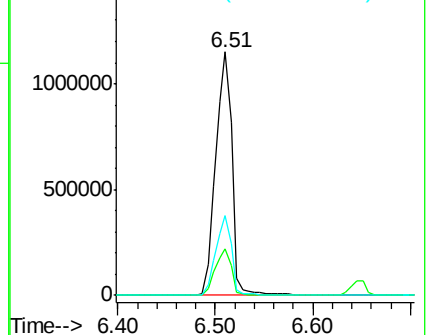
71 32.7 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103152.D

Acq: 21 Feb 2018 22:19

Tgt Ion: 136 Resp: 703716

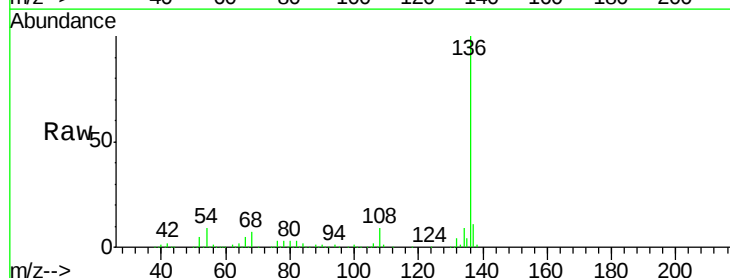
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 6.7 5.0 7.4

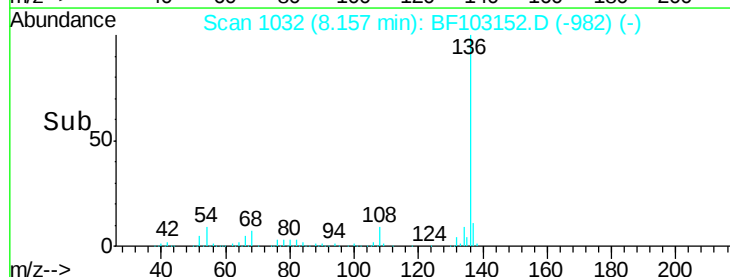
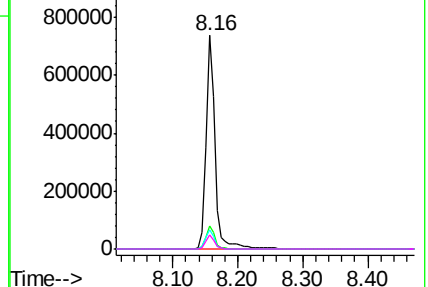


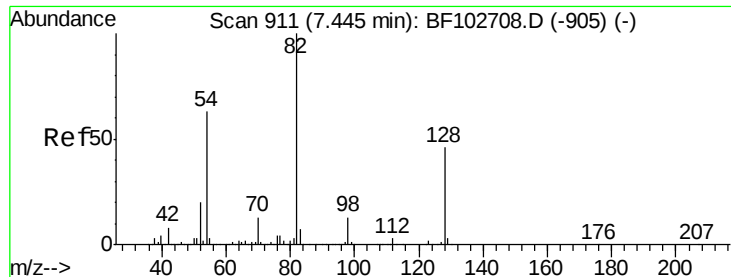
Abundance Ion 136.00 (135.70 to 136.70): E

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

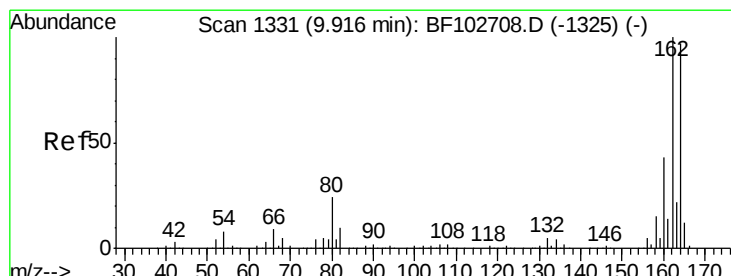
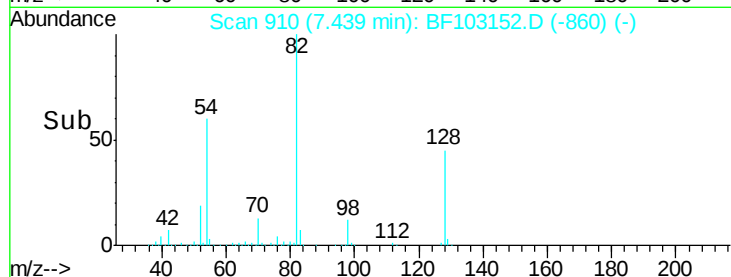
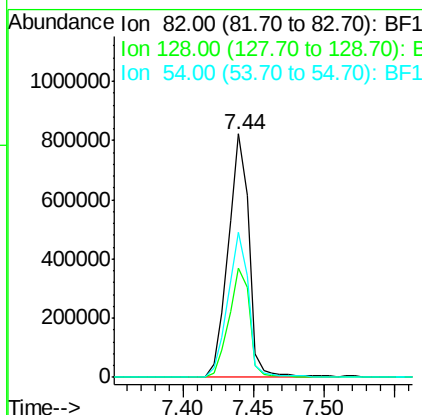
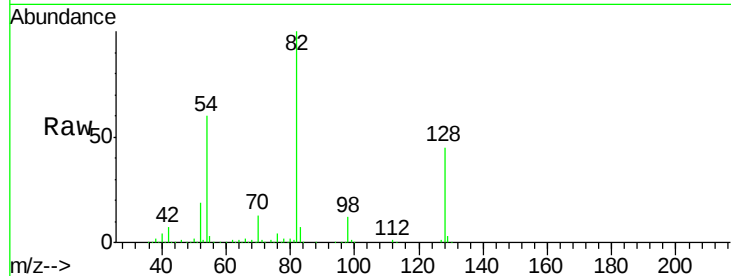




#23
 Nitrobenzene-d5
 Concen: 83.589 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103152.D
 Acq: 21 Feb 2018 22:19

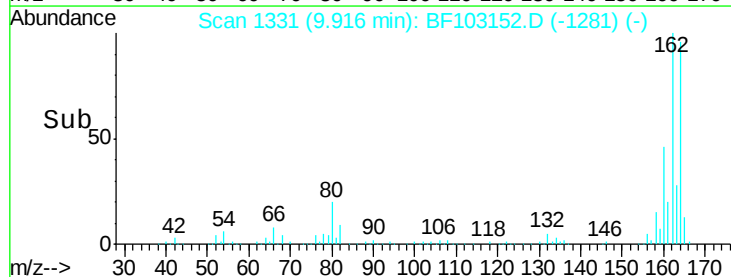
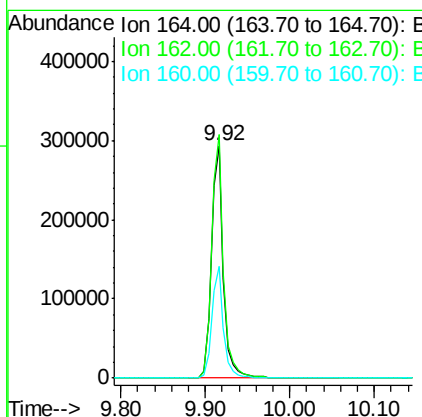
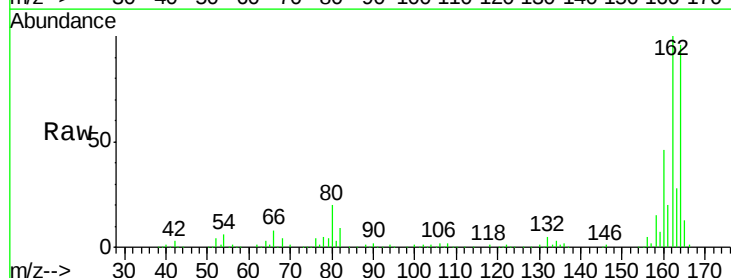
Instrument :
 BNA_F
 ClientSampleId :
 PB106713BL

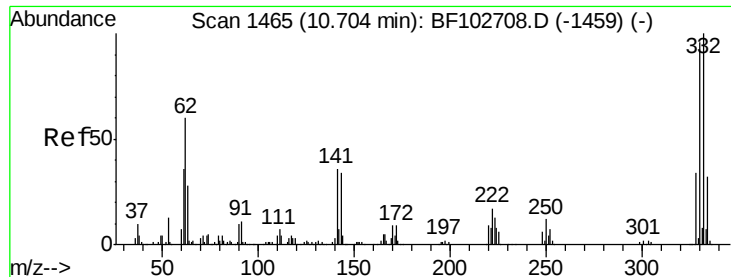
Tot Ion	82	Resp	847950
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	59.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103152.D
 Acq: 21 Feb 2018 22:19

Tgt Ion	164	Resp	293377
Ion Ratio	Lower	Upper	
164	100		
162	104.7	86.1	129.1
160	47.8	38.3	57.5

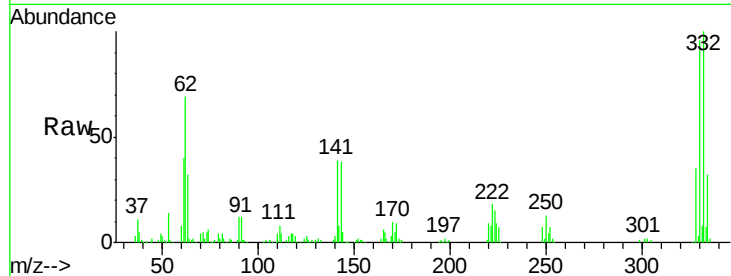




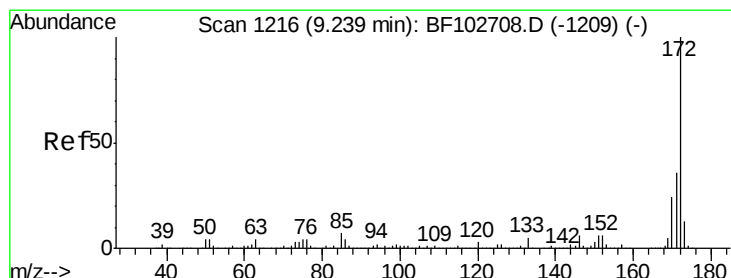
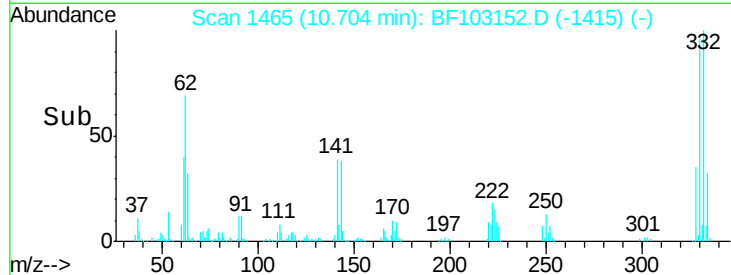
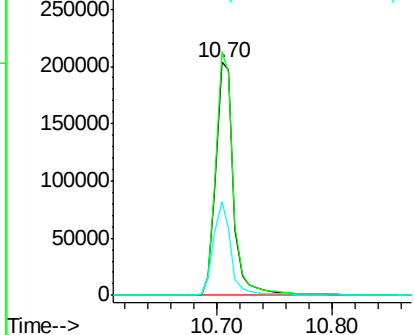
#41
 2,4,6-Tribromophenol
 Concen: 92.535 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103152.D
 Acq: 21 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampled :
 PB106713BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.0	115.6
141	40.3	29.9	44.9

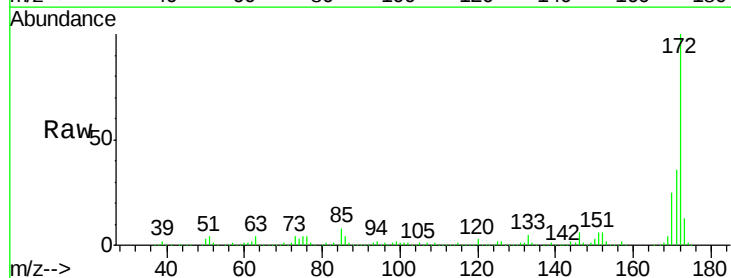


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

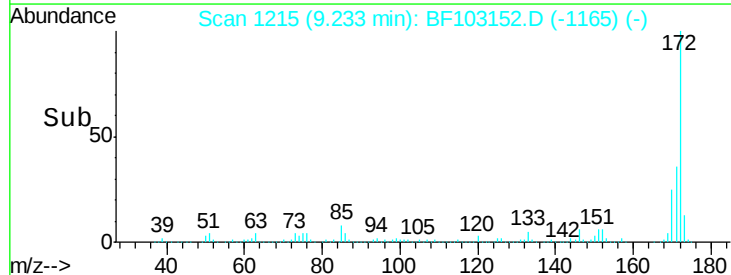
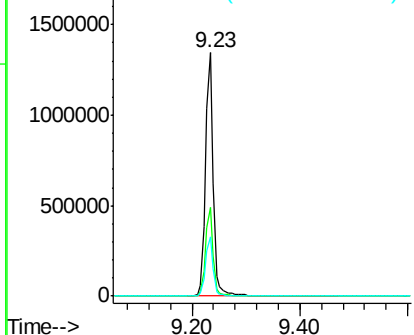


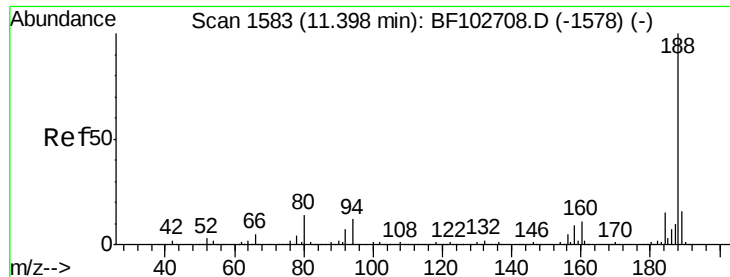
#44
 2-Fluorobiphenyl
 Concen: 75.614 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103152.D
 Acq: 21 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

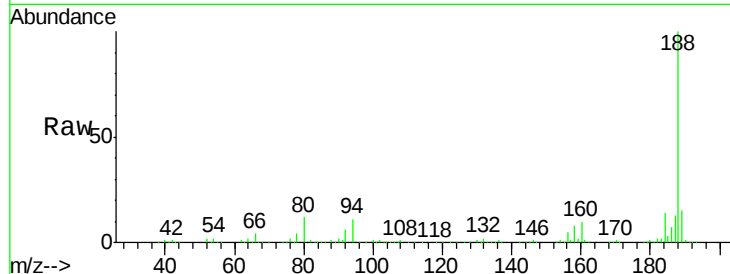




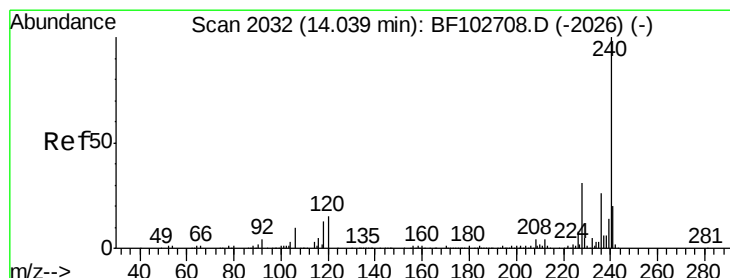
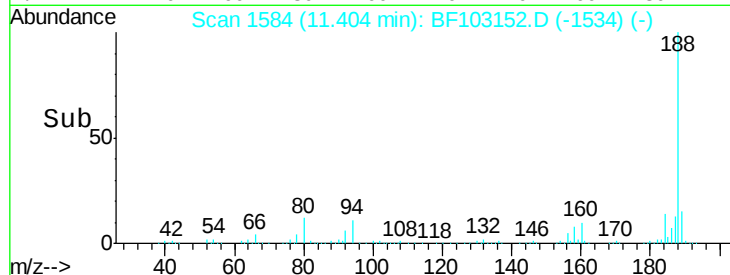
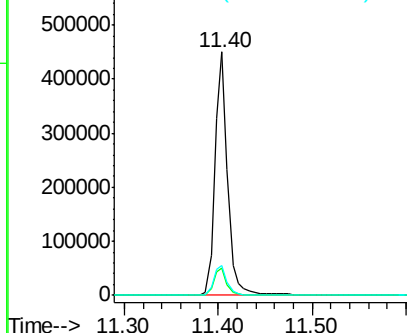
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103152.D
Acq: 21 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106713BL

Tot Ion:188 Resp: 430370
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8

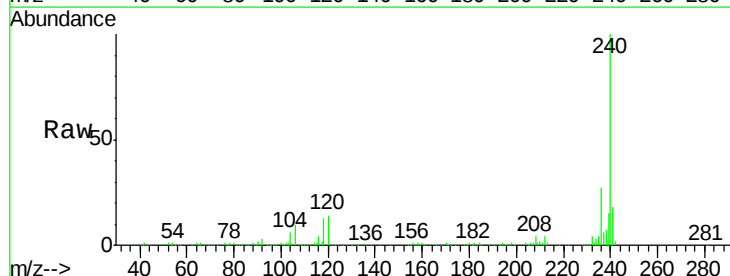


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

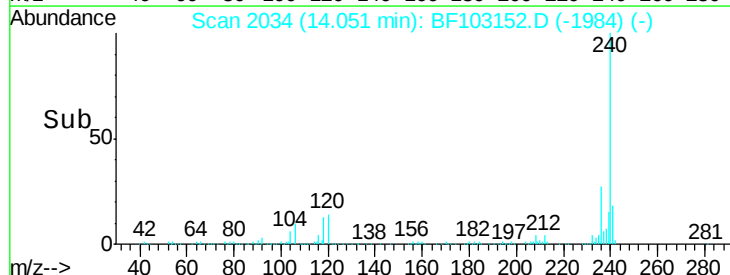
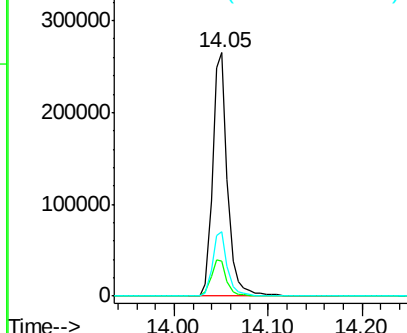


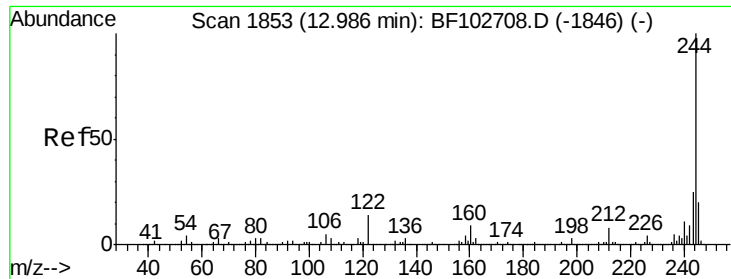
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103152.D
Acq: 21 Feb 2018 22:19

Tgt Ion:240 Resp: 297569
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.6 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: 76.027 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103152.D

Acq: 21 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

PB106713BL

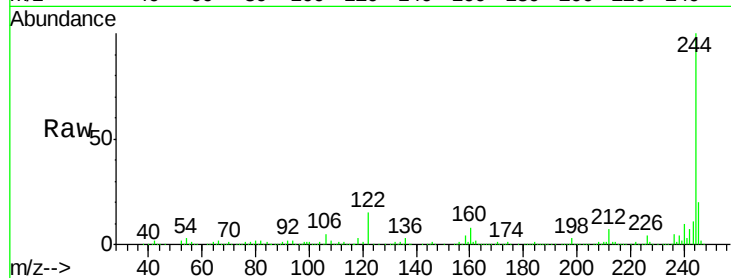
Tot Ion:244 Resp: 955471

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

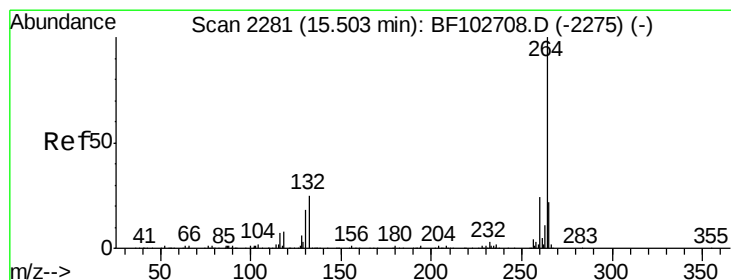
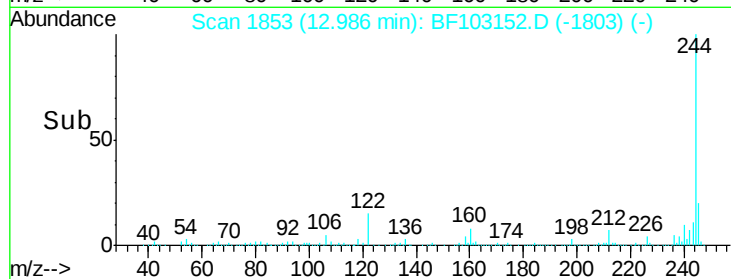
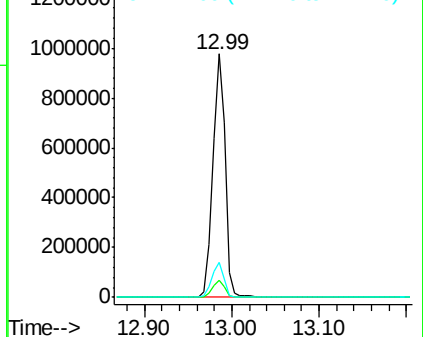
122 14.6 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF103152.D

Acq: 21 Feb 2018 22:19

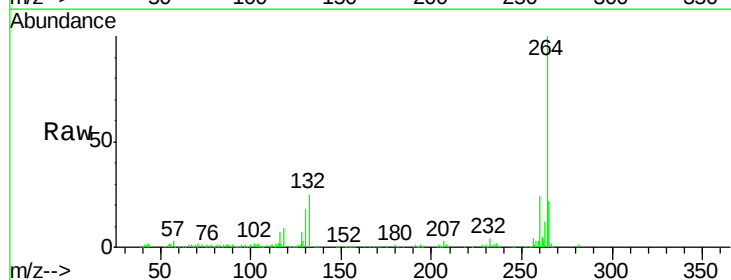
Tgt Ion:264 Resp: 229465

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

