

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103309.D
 Acq On : 28 Feb 2018 22:31
 Operator : SJ/JU
 Sample : J1708-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226

Quant Time: Mar 01 01:15:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

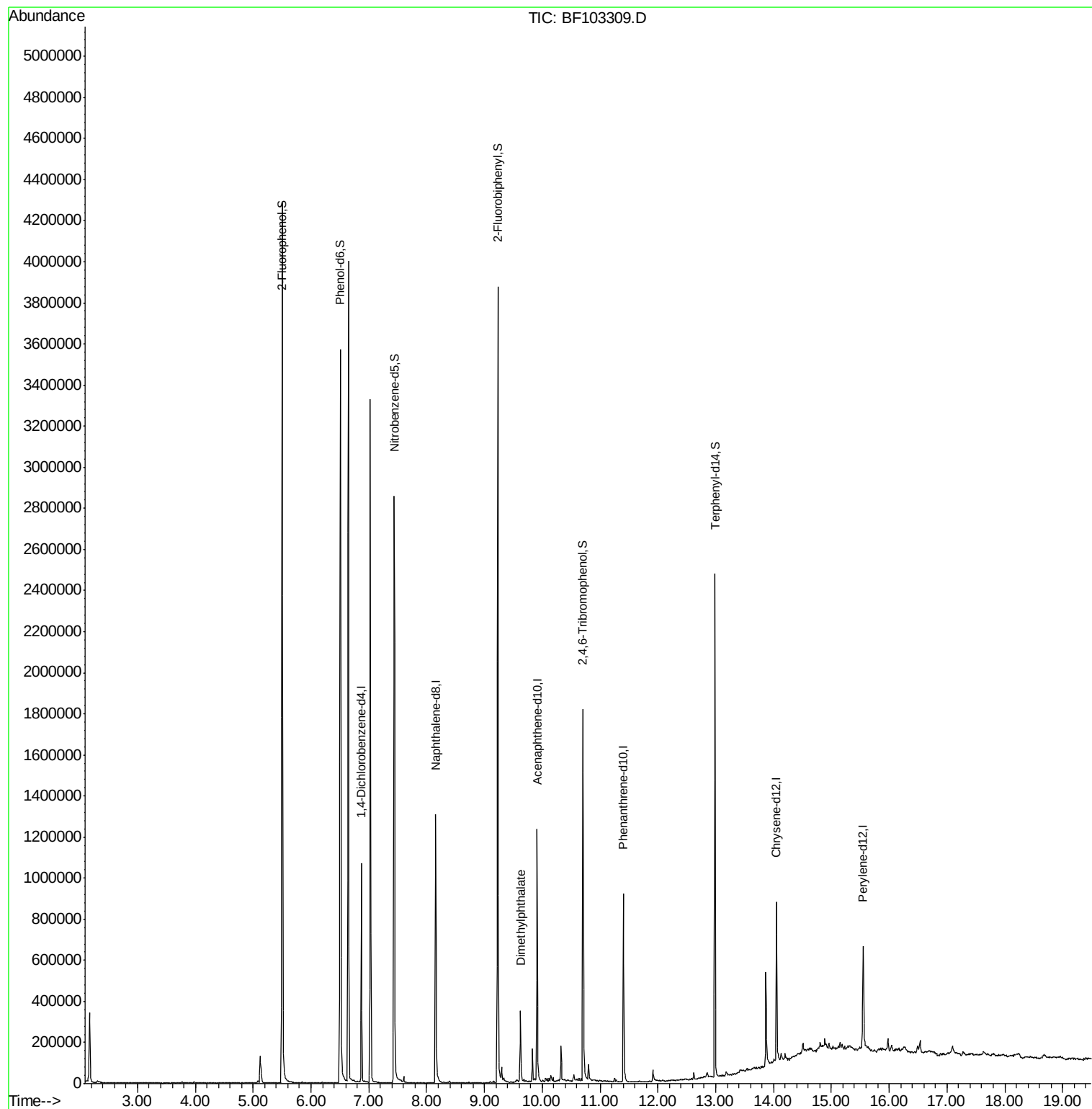
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154409	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630655	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	250673	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	336663	20.00	ng	0.00
75) Chrysene-d12	14.05	240	254354	20.00	ng	0.00
86) Perylene-d12	15.56	264	246270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1246888	122.13	ng	0.01
7) Phenol-d6	6.51	99	1532819	122.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	1029415	93.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	197808	93.23	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1351566	95.66	ng	0.00
78) Terphenyl-d14	12.99	244	791691	74.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	133589	6.643	ng	Qvalue 100

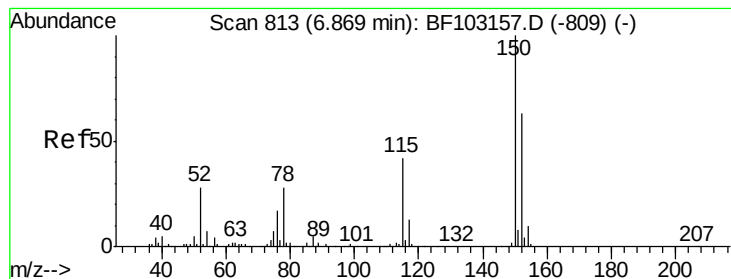
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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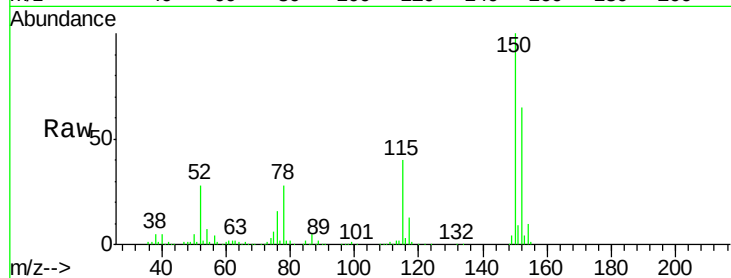


#1

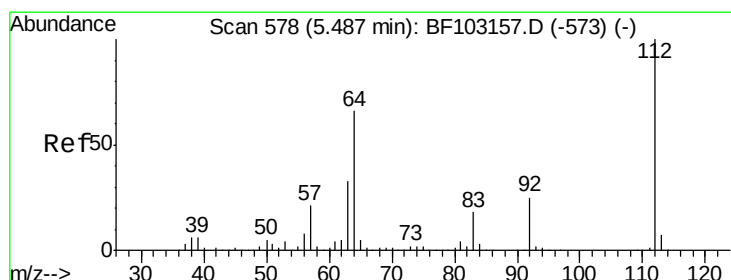
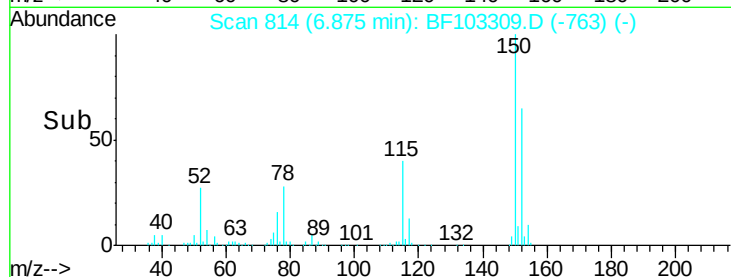
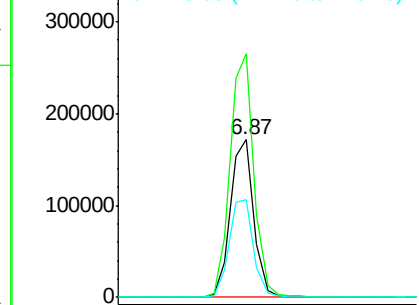
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Instrument :
BNA_F
ClientSampleId :
RO-222-226

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	62.3	50.1	75.1



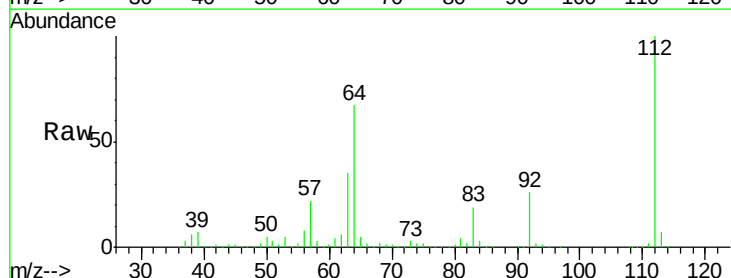
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



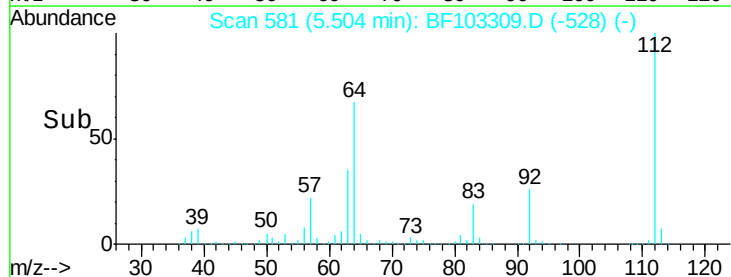
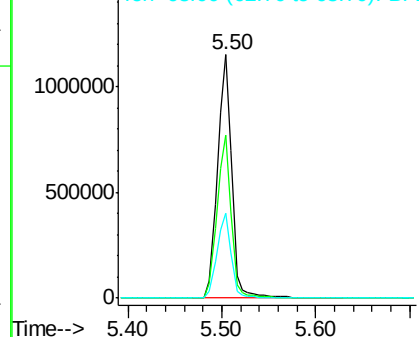
#5

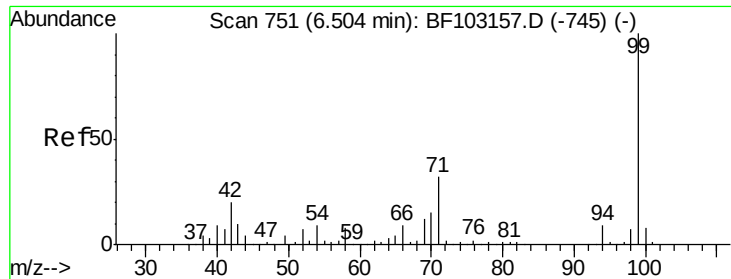
2-Fluorophenol
Concen: 122.132 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	34.8	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: 122.698 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

RO-222-226

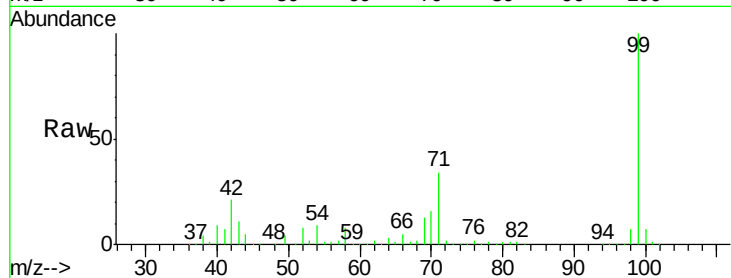
Tot Ion: 99 Resp: 1532819

Ion Ratio Lower Upper

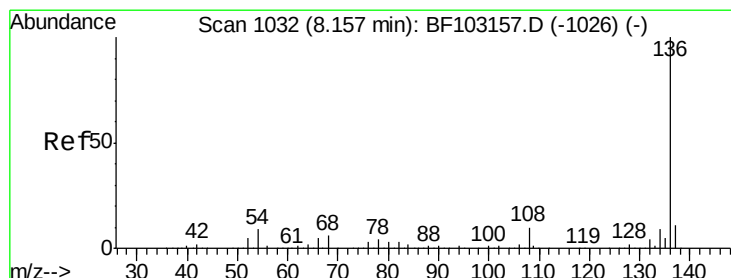
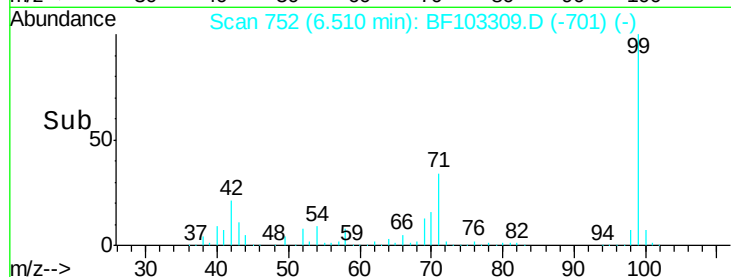
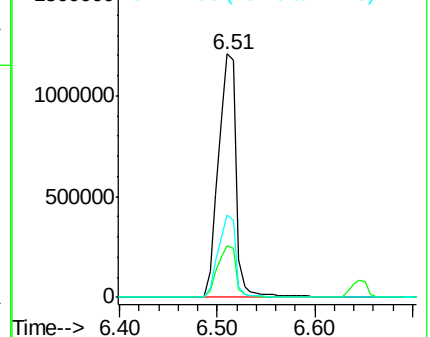
99 100

42 21.4 14.5 21.7

71 33.6 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. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Tgt Ion: 136 Resp: 630655

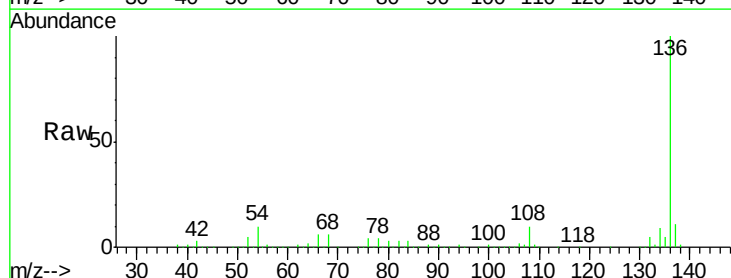
Ion Ratio Lower Upper

136 100

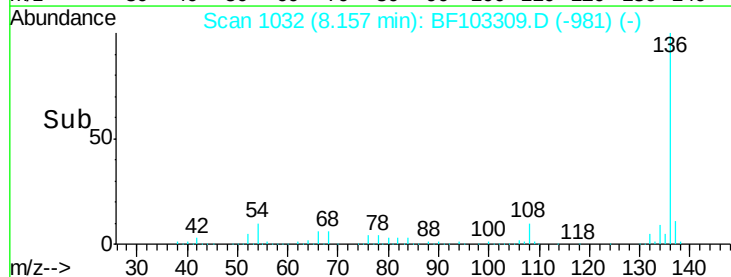
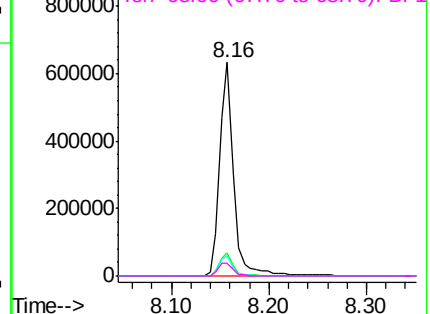
137 10.6 8.9 13.3

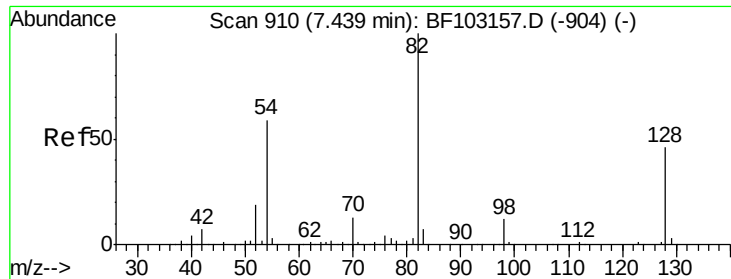
54 9.5 6.6 9.8

68 6.1 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

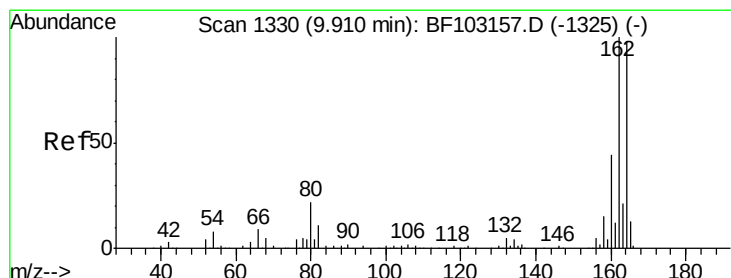
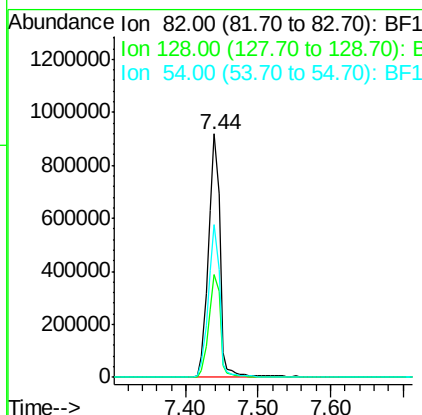
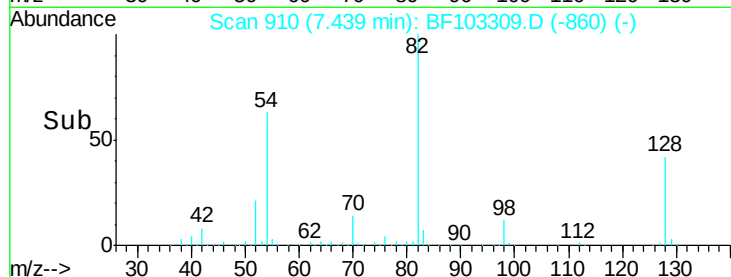
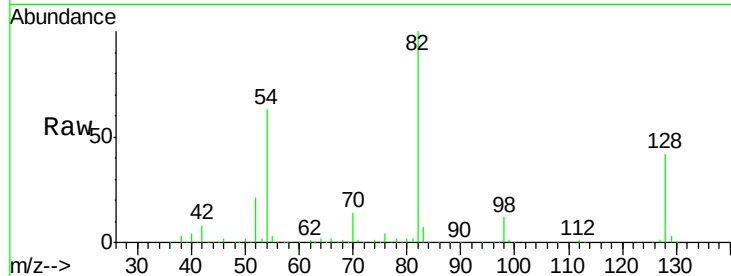




#23
 Nitrobenzene-d5
 Concen: 93.218 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

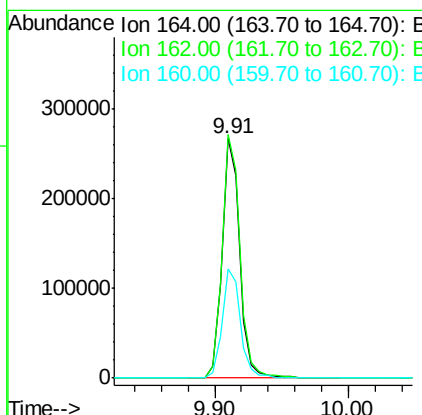
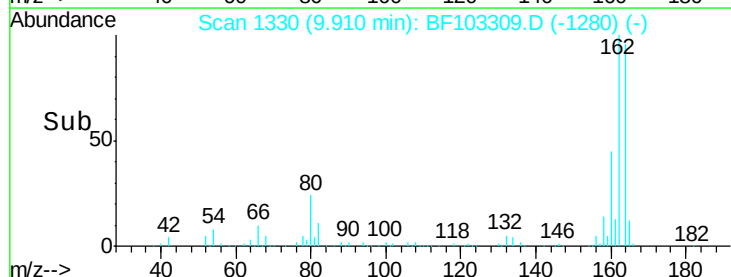
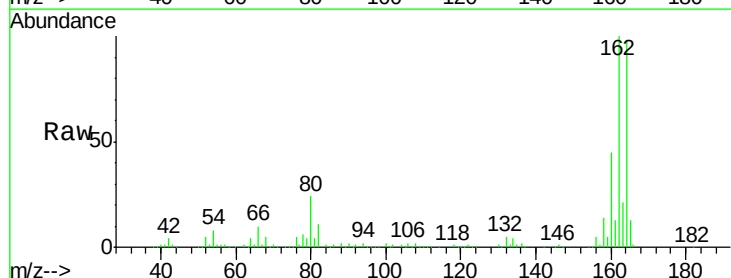
Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226

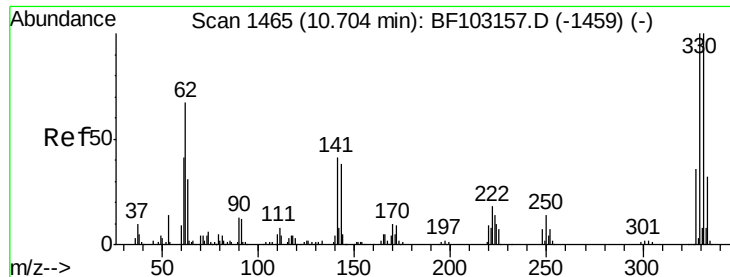
Tot Ion: 82 Resp: 1029415
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 62.9 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

Tgt Ion: 164 Resp: 250673
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 45.7 38.3 57.5

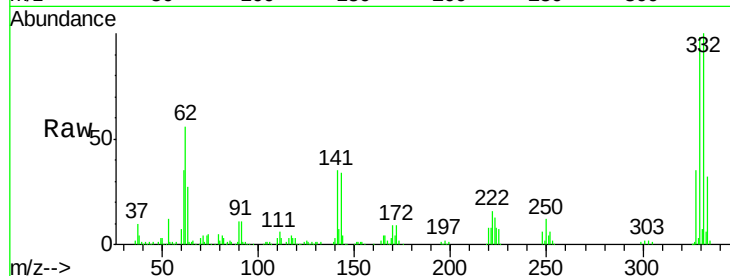




#41
 2,4,6-Tribromophenol
 Concen: 93.226 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.9	77.0	115.6
141	47.4	29.9	44.9

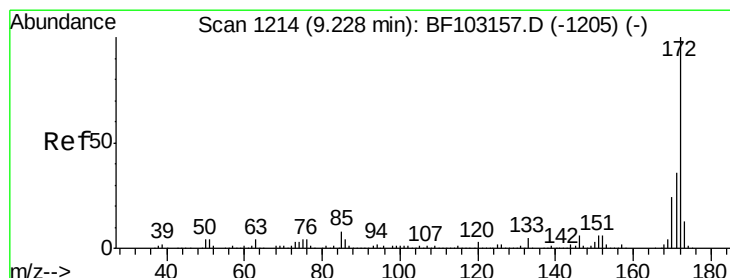
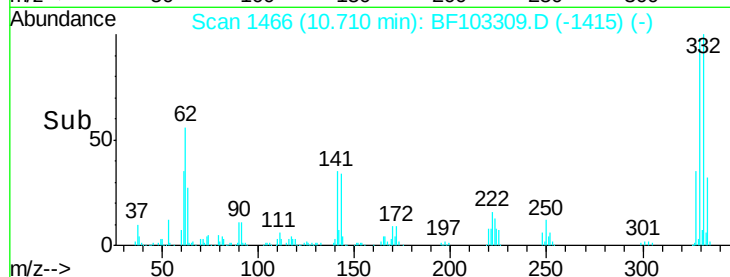
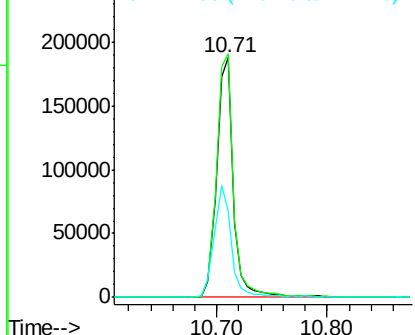


Abundance

Ion 329.80 (329.50 to 330.50): E

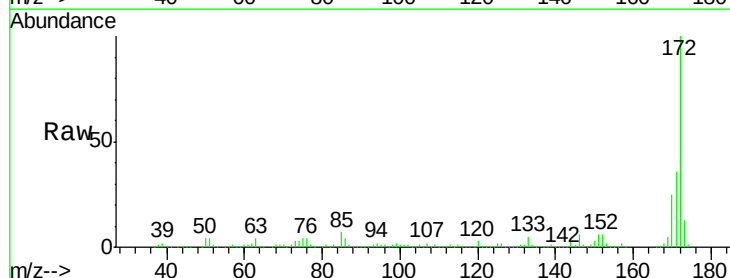
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.660 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.9	19.6	29.4

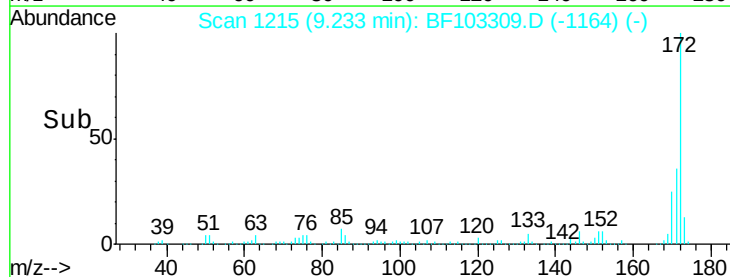
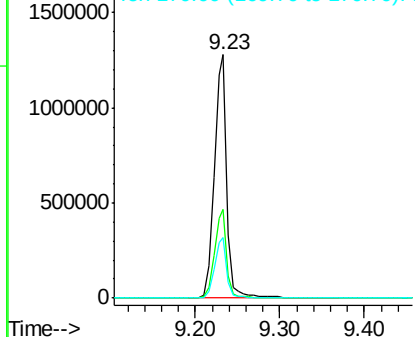


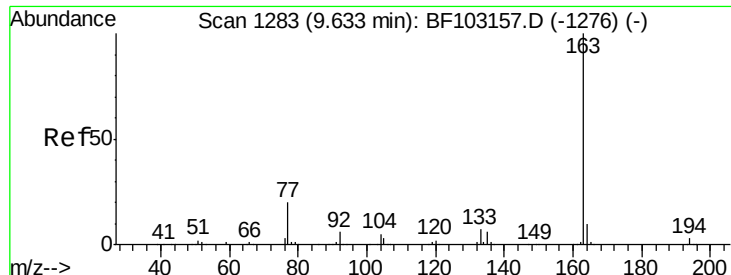
Abundance

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: 6.643 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

RO-222-226

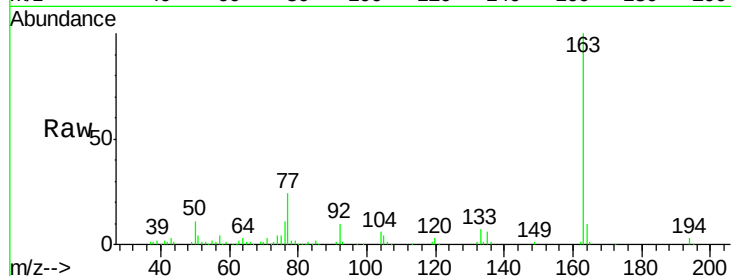
Tot Ion:163 Resp: 133589

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

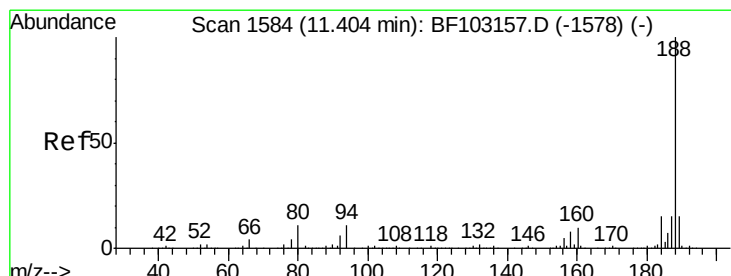
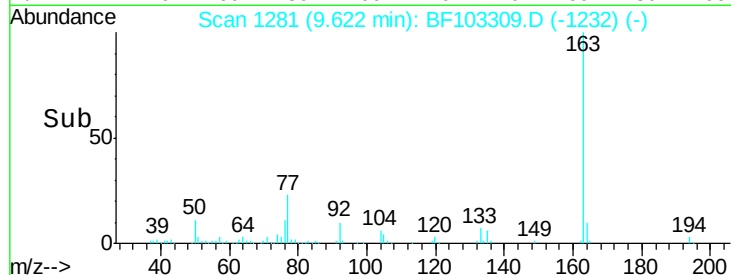
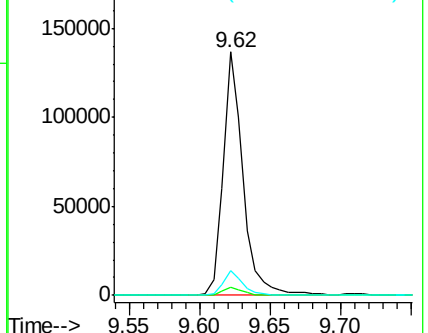
164 10.3 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

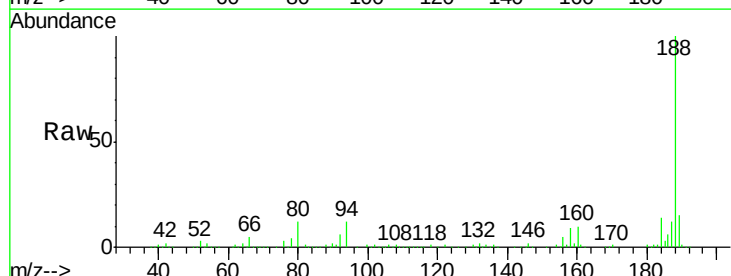
Tgt Ion:188 Resp: 336663

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

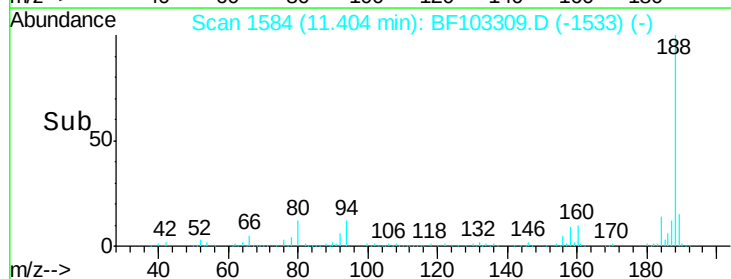
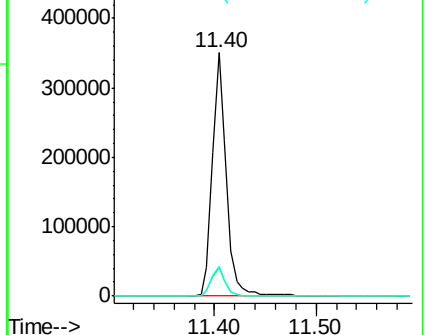
80 12.3 9.2 13.8

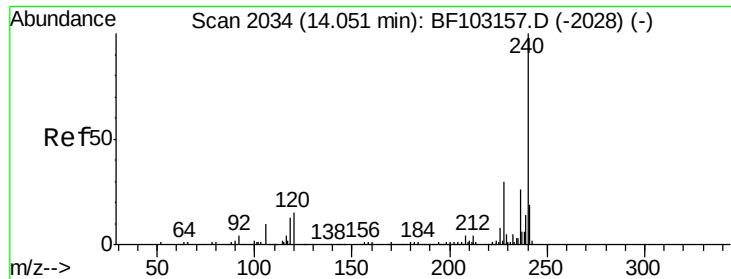


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

RO-222-226

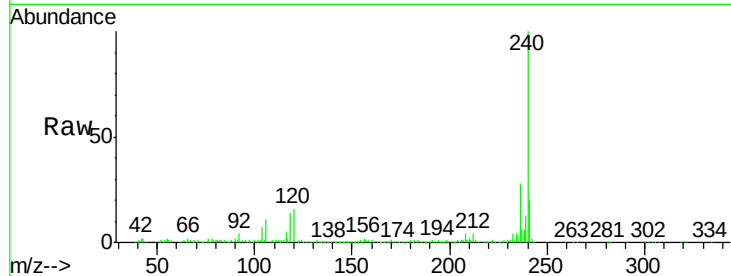
Tot Ion:240 Resp: 254354

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

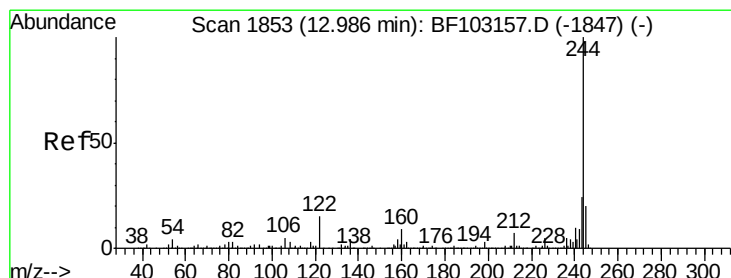
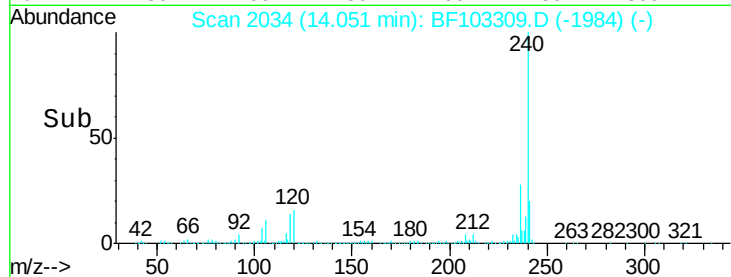
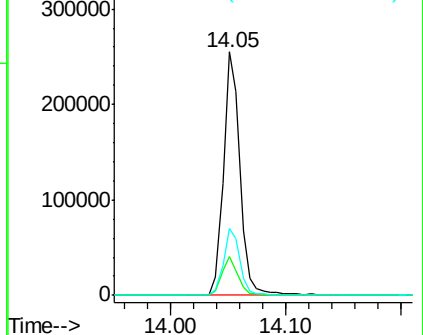
236 27.6 20.7 31.1



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: 74.822 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

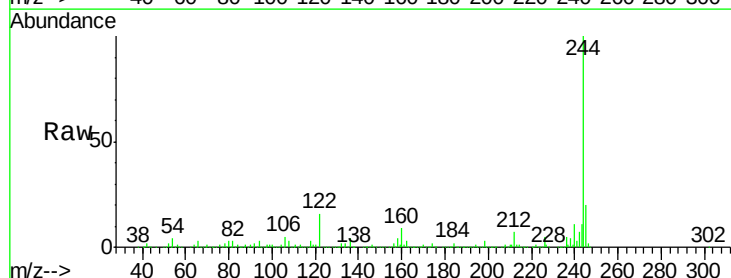
Tgt Ion:244 Resp: 791691

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

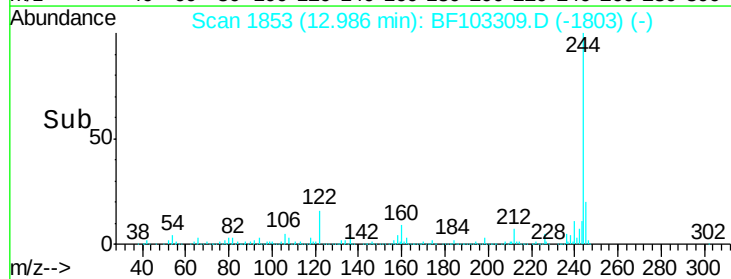
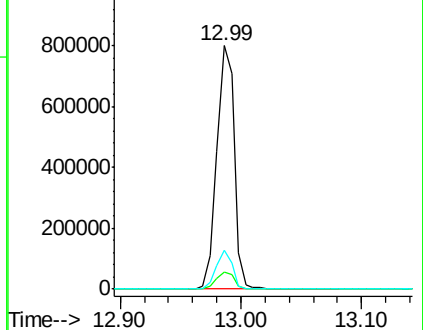
122 16.0 11.0 16.4

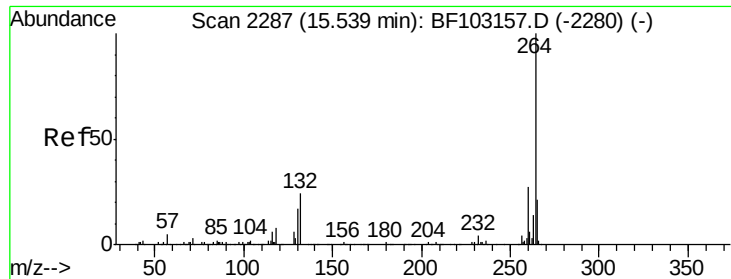


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

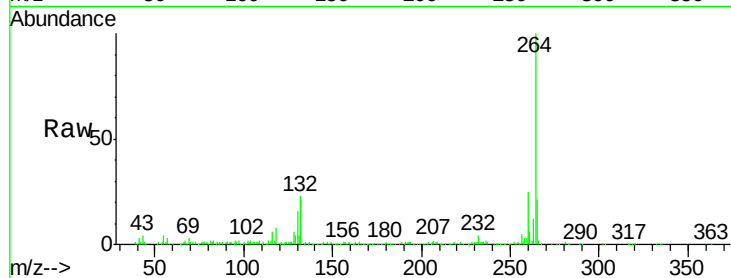




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Instrument :
BNA_F
ClientSampleId :
RO-222-226

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	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

