

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103252.D
 Acq On : 27 Feb 2018 8:08
 Operator : SJ/JU
 Sample : J1691-64
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B16

Quant Time: Feb 27 09:55:42 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	148679	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	590640	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	230961	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345454	20.00	ng	0.00
75) Chrysene-d12	14.05	240	236770	20.00	ng	0.00
86) Perylene-d12	15.55	264	165046	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1026082	104.38	ng	0.02
7) Phenol-d6	6.51	99	1092456	90.82	ng	0.00
23) Nitrobenzene-d5	7.44	82	817948	79.09	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203786	104.24	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1264934	97.73	ng	0.00
78) Terphenyl-d14	12.99	244	926567	94.07	ng	0.00

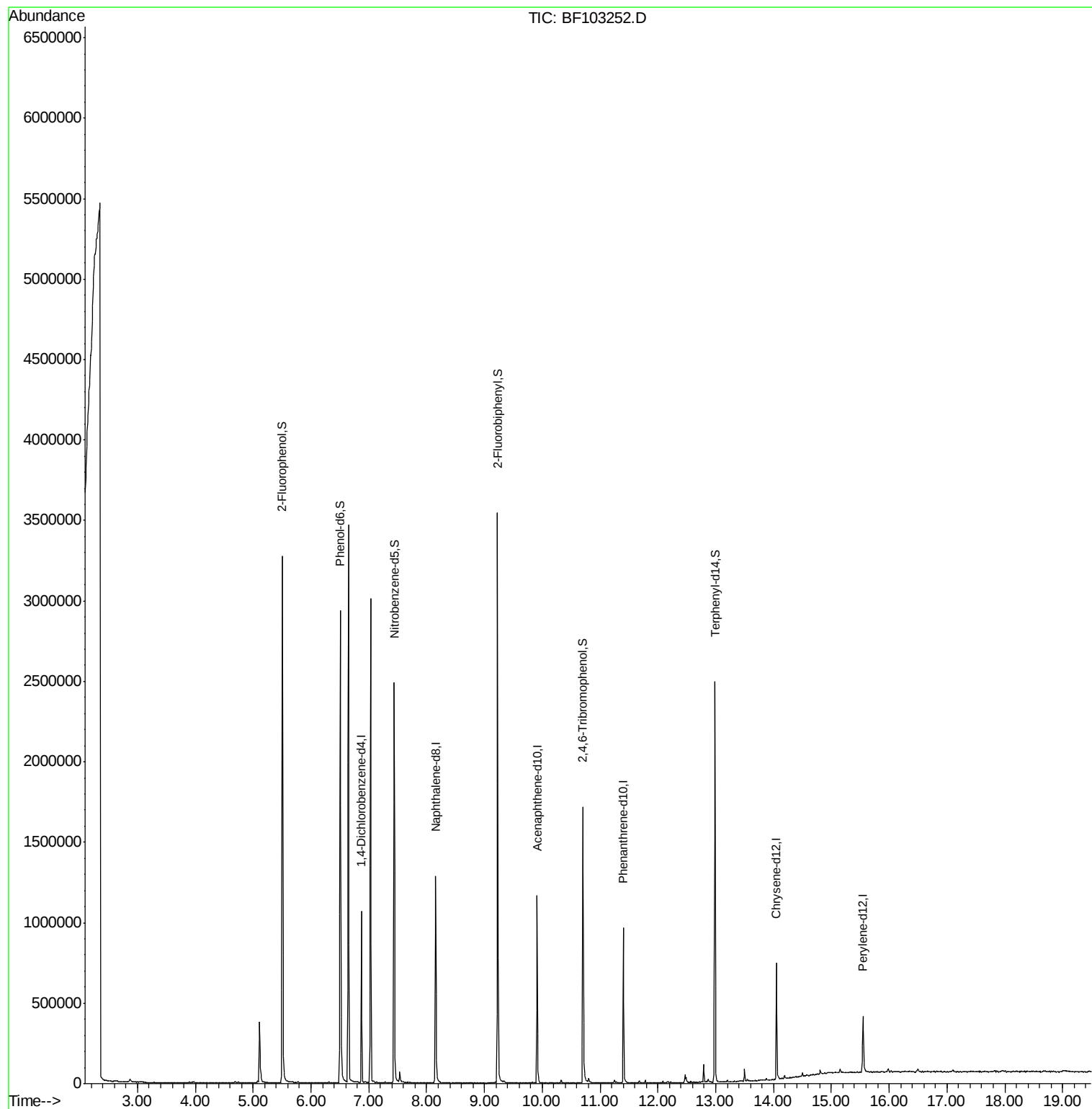
Target Compounds Qvalue

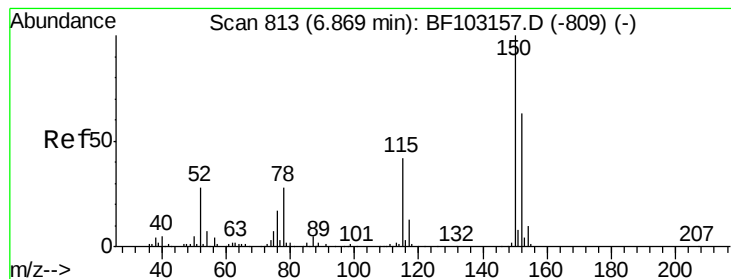
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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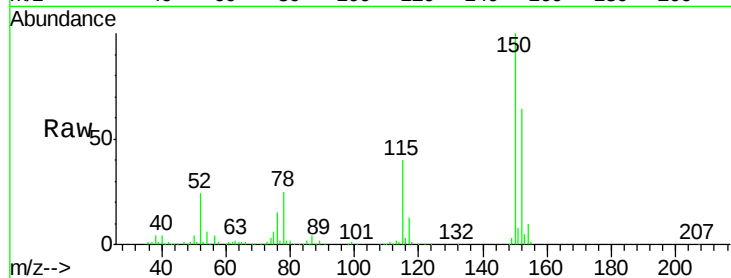


#1

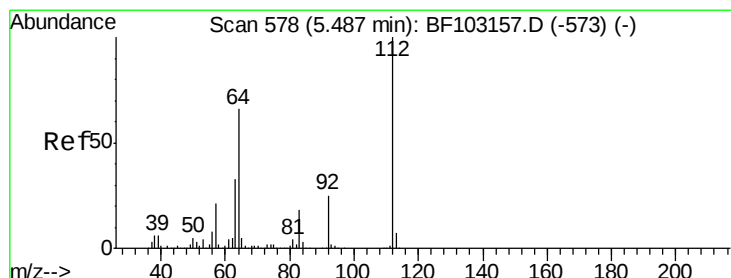
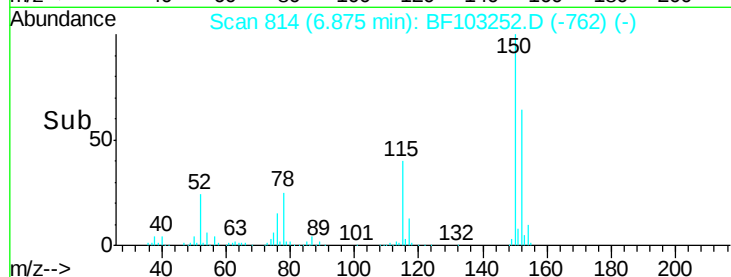
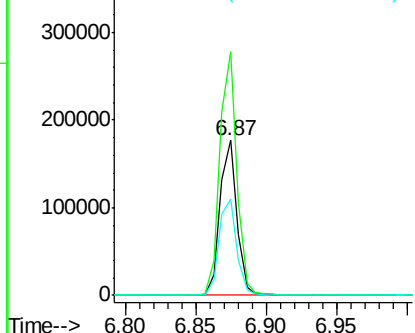
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103252.D
Acq: 27 Feb 2018 8:08

Instrument :
BNA_F
ClientSampleId :
B16

Tot Ion:152 Resp: 148679
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.5 50.1 75.1



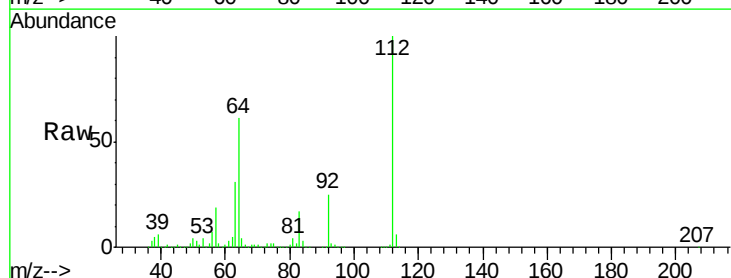
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



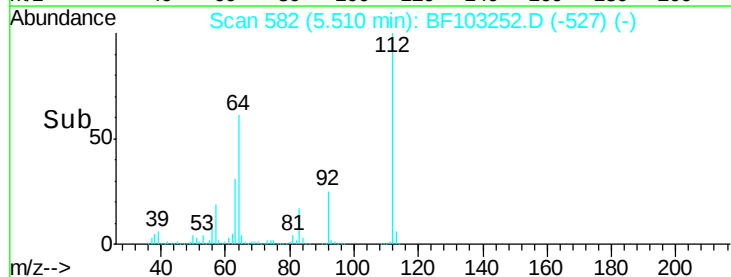
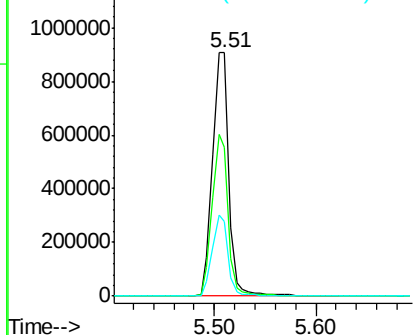
#5

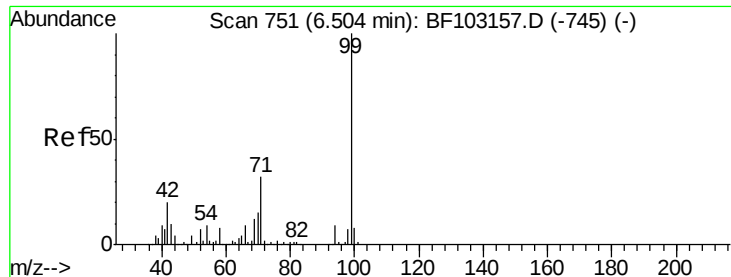
2-Fluorophenol
Concen: 104.378 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103252.D
Acq: 27 Feb 2018 8:08

Tgt Ion:112 Resp: 1026082
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 30.9 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: 90.818 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103252.D

Acq: 27 Feb 2018 8:08

Instrument :

BNA_F

ClientSampled :

B16

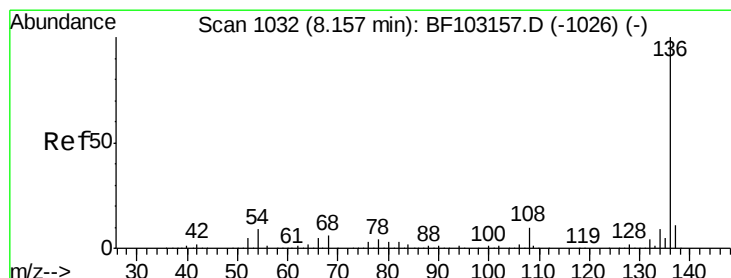
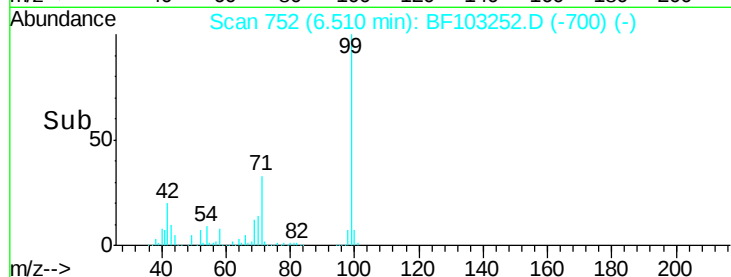
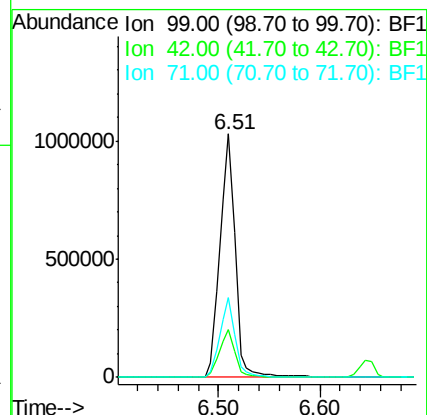
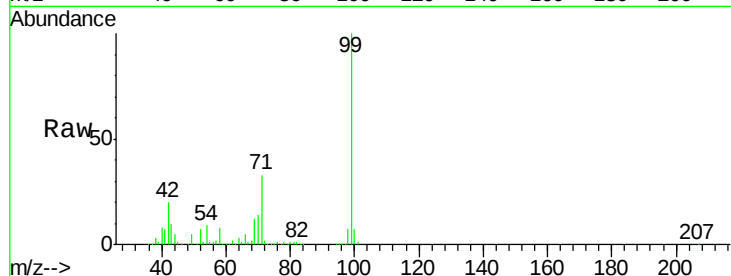
Tot Ion: 99 Resp: 1092456

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103252.D

Acq: 27 Feb 2018 8:08

Tgt Ion: 136 Resp: 590640

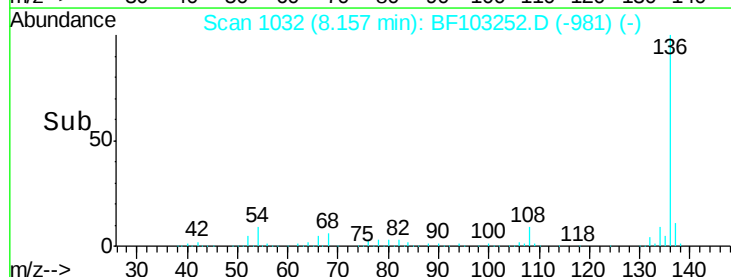
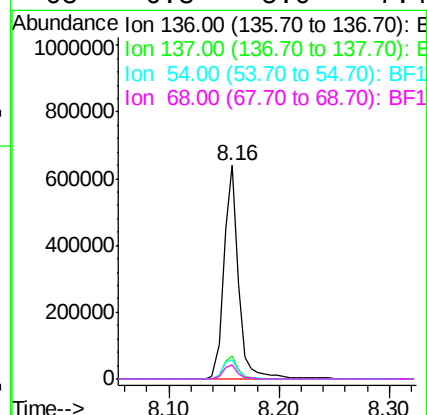
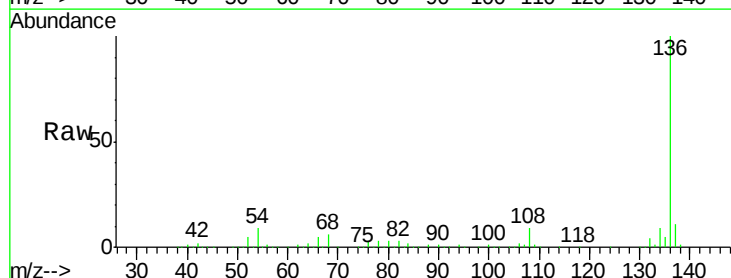
Ion Ratio Lower Upper

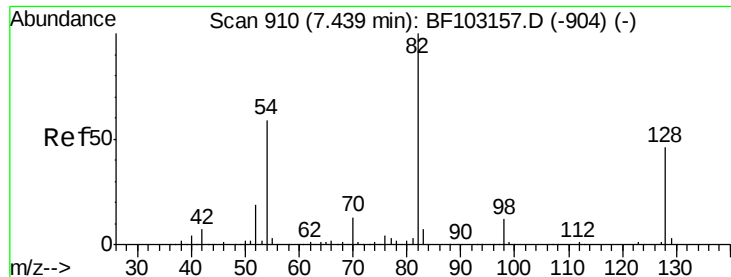
136 100

137 10.8 8.9 13.3

54 9.0 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.087 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103252.D

Acq: 27 Feb 2018 8:08

Instrument :

BNA_F

ClientSampleId :

B16

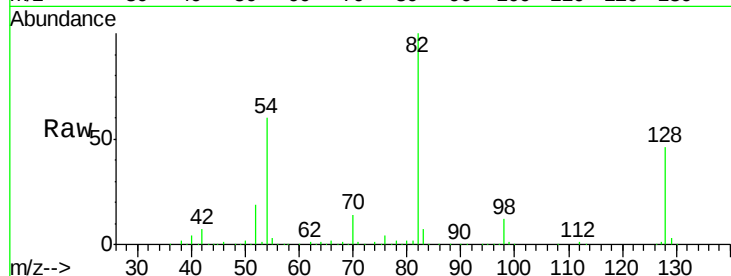
Tot Ion: 82 Resp: 817948

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

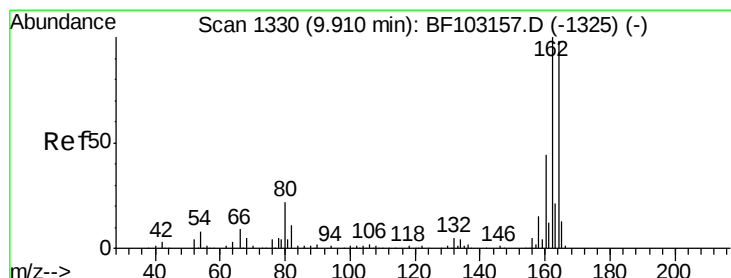
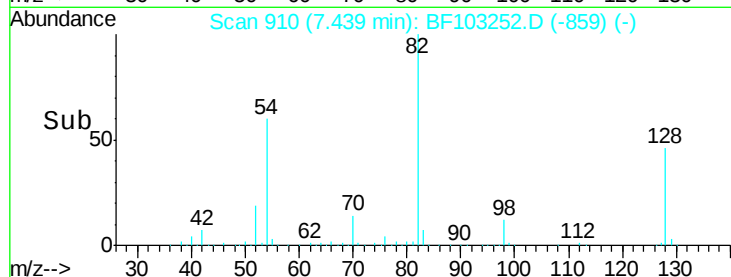
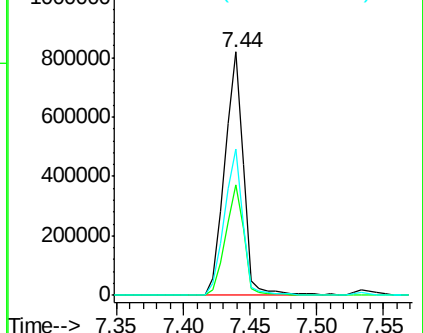
54 60.1 41.4 62.2



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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103252.D

Acq: 27 Feb 2018 8:08

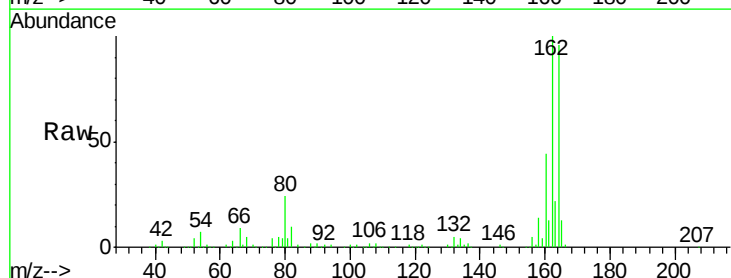
Tgt Ion:164 Resp: 230961

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

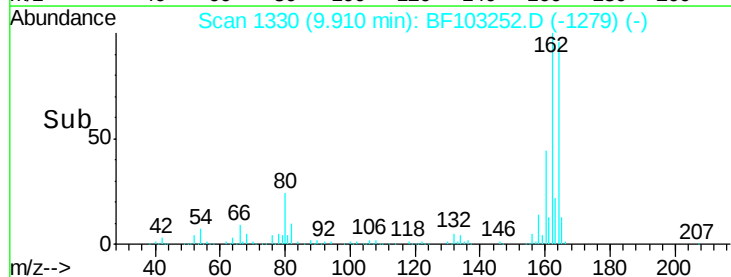
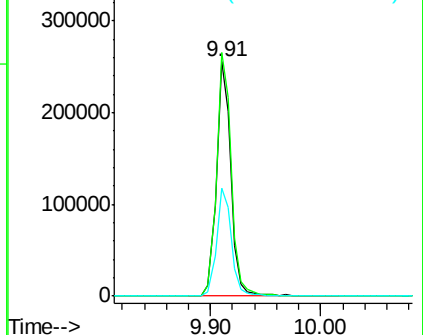
160 46.0 38.3 57.5

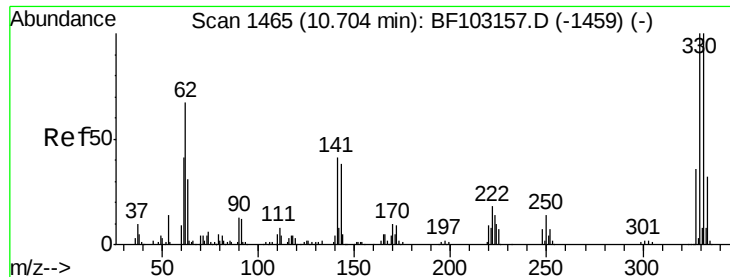


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

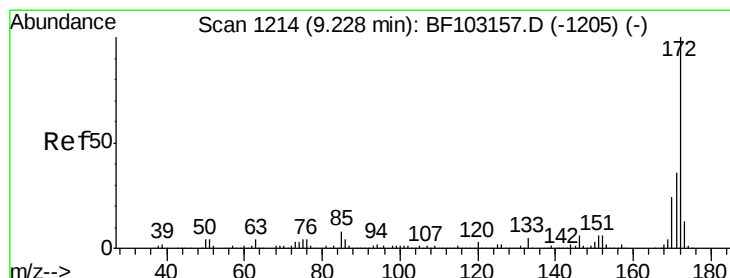
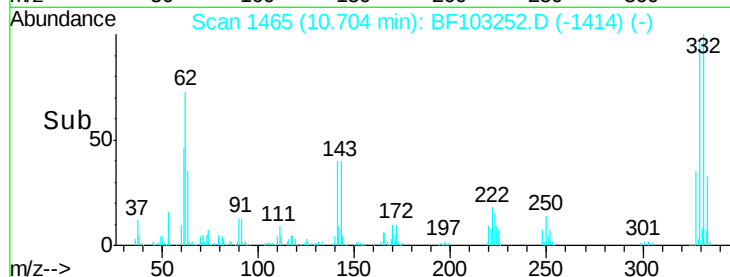
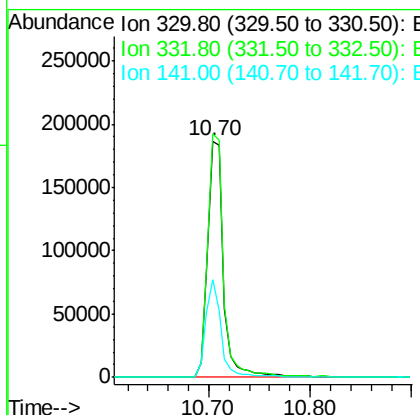
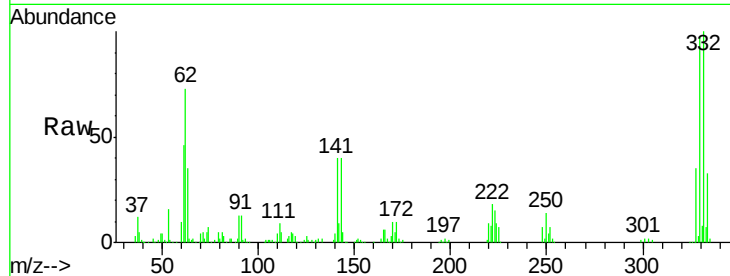




#41
 2,4,6-Tribromophenol
 Concen: 104.241 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103252.D
 Acq: 27 Feb 2018 8:08

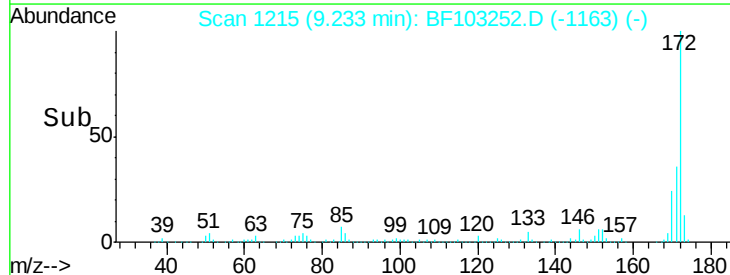
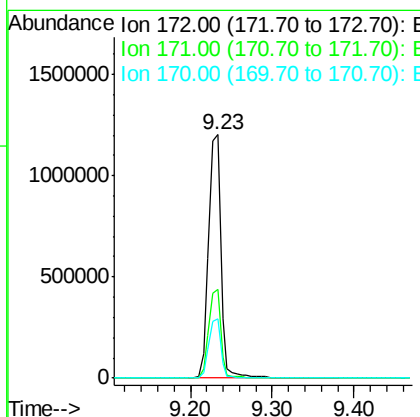
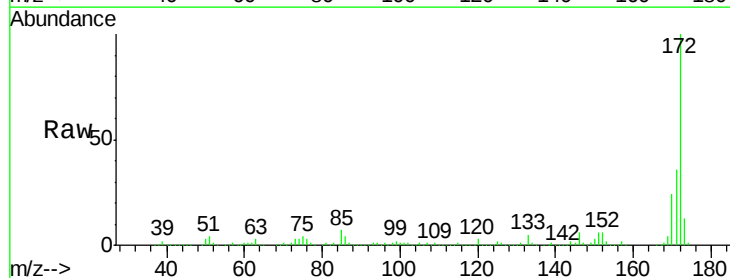
Instrument :
 BNA_F
 ClientSampleId :
 B16

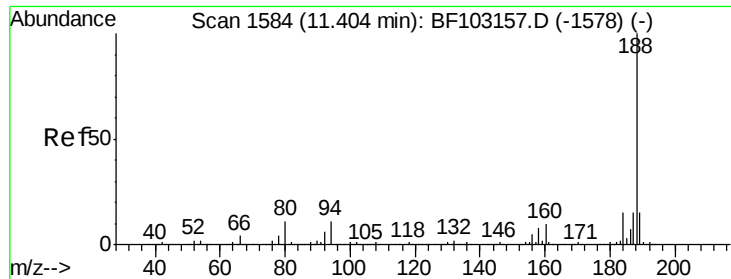
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	39.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.730 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103252.D
 Acq: 27 Feb 2018 8:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

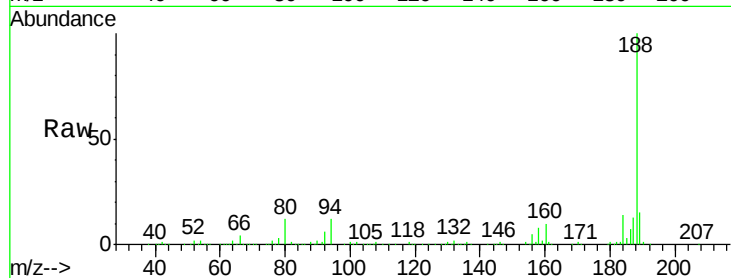




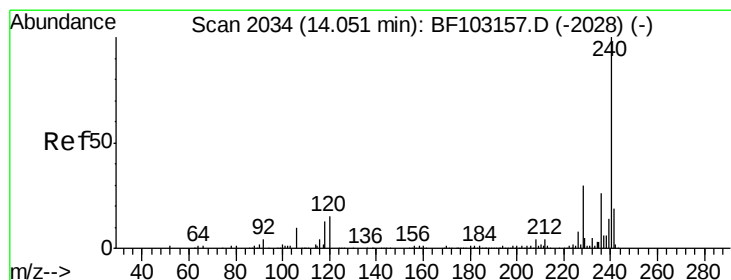
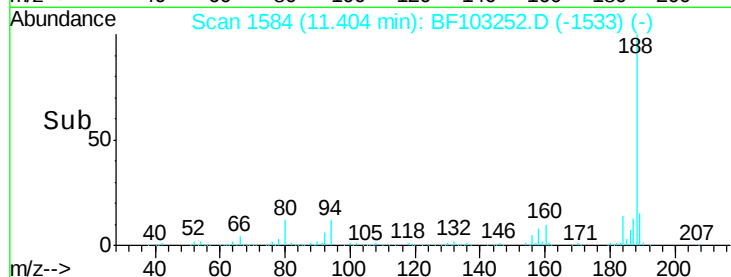
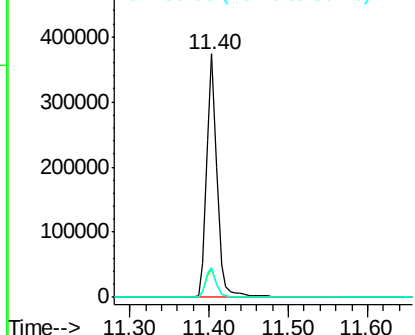
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103252.D
Acq: 27 Feb 2018 8:08

Instrument :
BNA_F
ClientSampled :
B16

Tot Ion:188 Resp: 345454
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.3 9.2 13.8

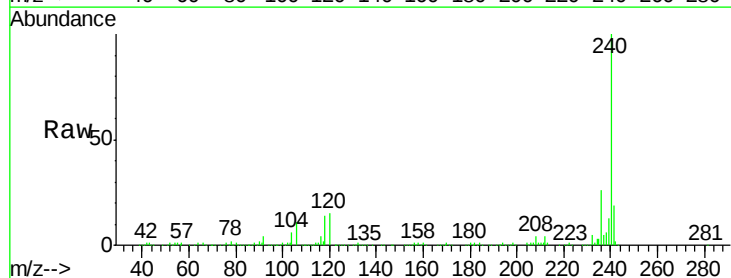


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

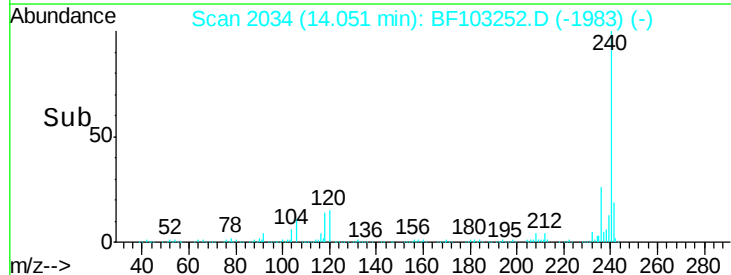
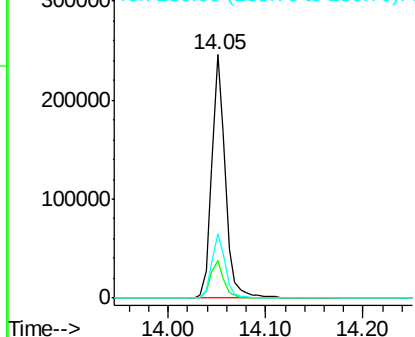


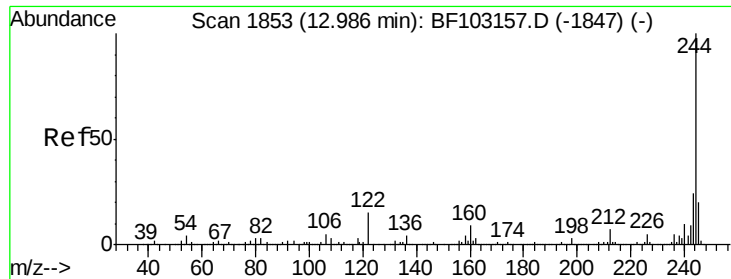
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103252.D
Acq: 27 Feb 2018 8:08

Tgt Ion:240 Resp: 236770
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 26.4 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: 94.072 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103252.D

Acq: 27 Feb 2018 8:08

Instrument :

BNA_F

ClientSampled :

B16

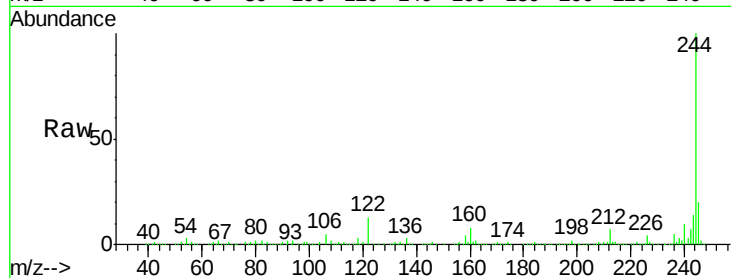
Tot Ion:244 Resp: 926567

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

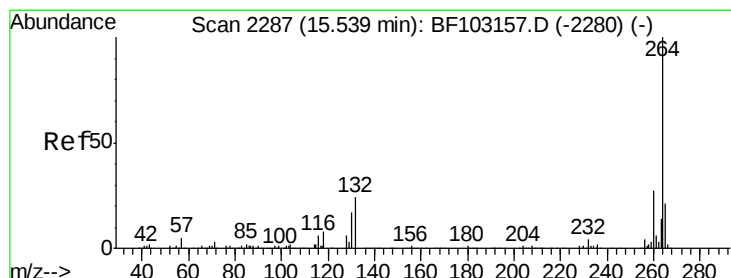
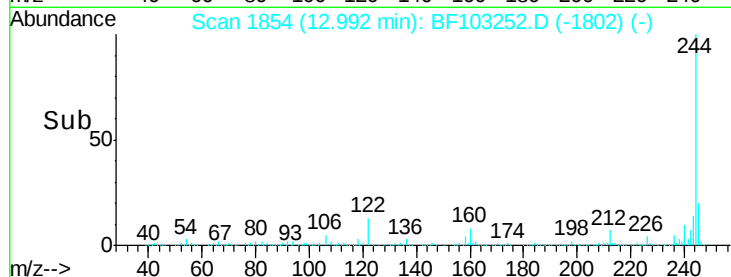
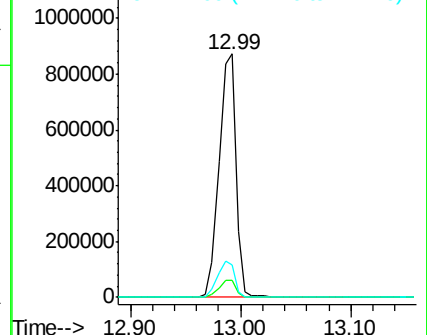
122 13.4 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF103252.D

Acq: 27 Feb 2018 8:08

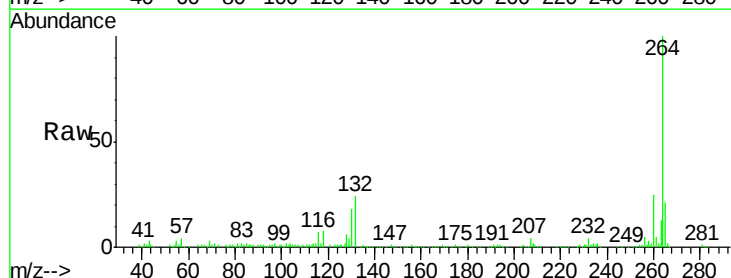
Tgt Ion:264 Resp: 165046

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

