

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103268.D
 Acq On : 27 Feb 2018 17:35
 Operator : SJ/JU
 Sample : J1697-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3

Quant Time: Feb 28 00:11:37 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

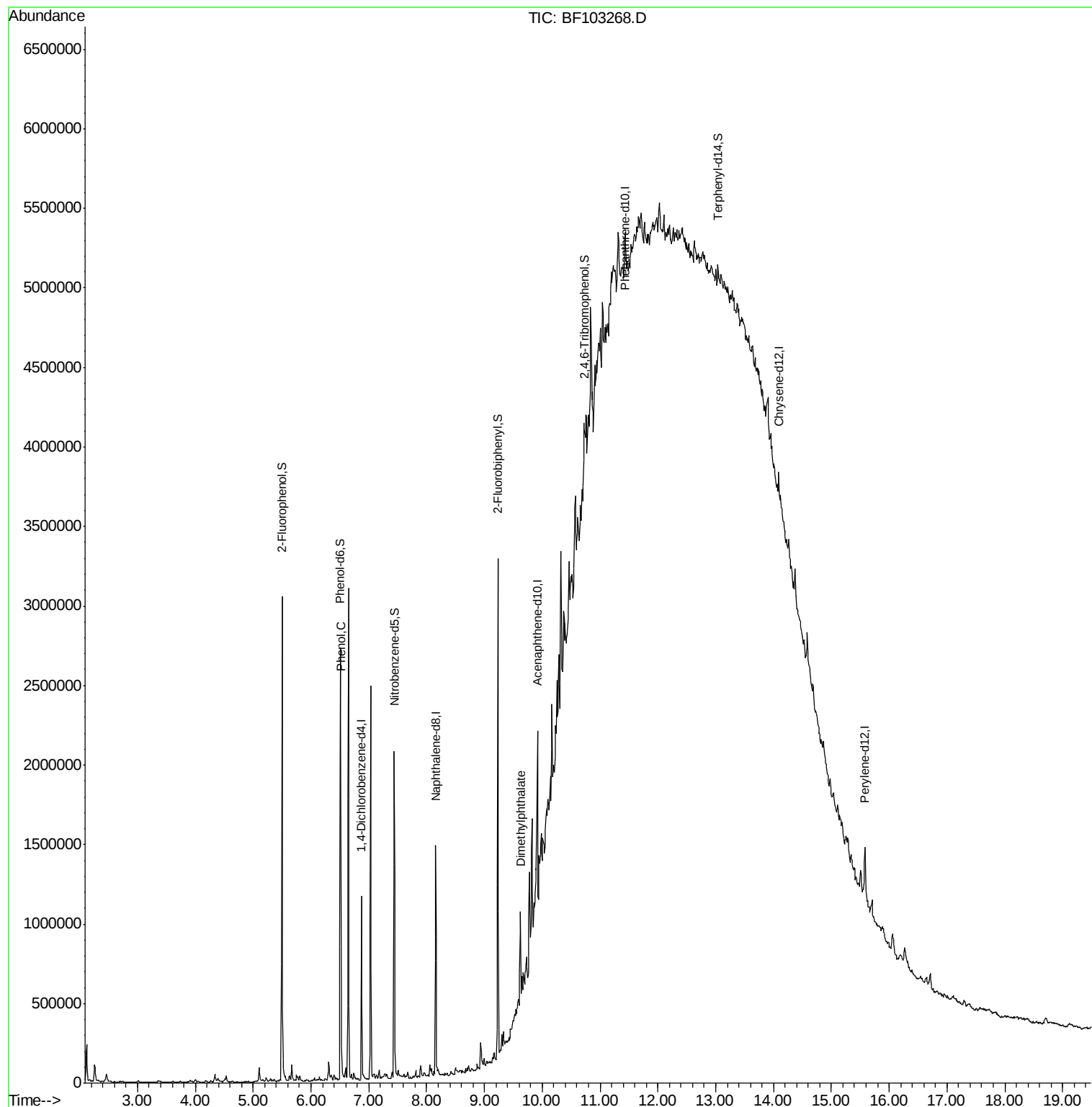
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149387	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	616257	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	227637	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	145069	20.00	ng	0.02
75) Chrysene-d12	14.10	240	145308	20.00	ng	0.04
86) Perylene-d12	15.59	264	178317	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	900673	91.19	ng	0.00
7) Phenol-d6	6.51	99	1063708	88.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	648106	60.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	127986	66.42	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1007177	73.86	ng	0.00
78) Terphenyl-d14	13.03	244	276324	45.71	ng	0.04
Target Compounds						
10) Phenol	6.52	94	33624	2.396	ng	85
49) Dimethylphthalate	9.62	163	87779	4.807	ng	# 96

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

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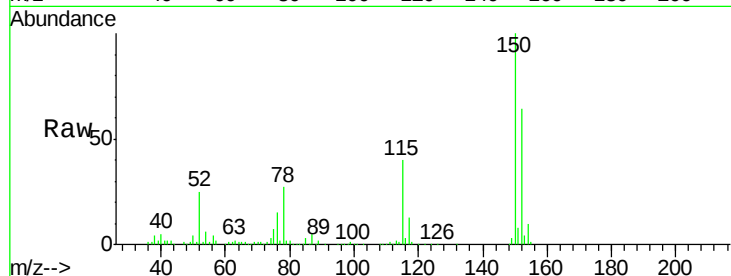


#1

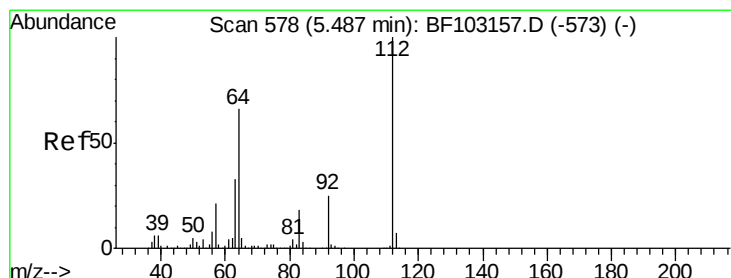
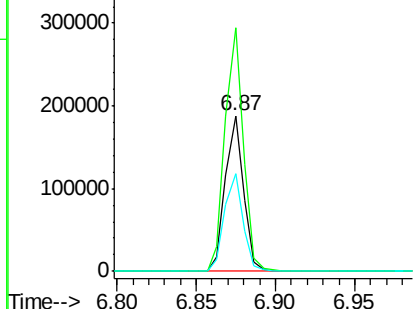
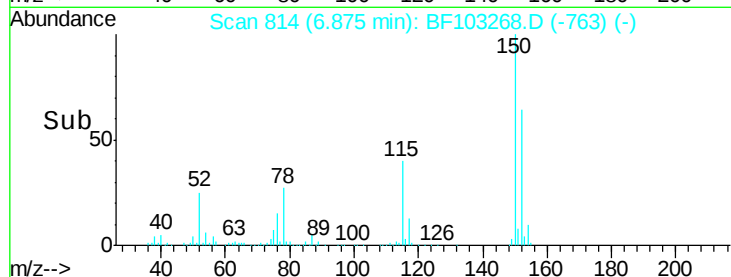
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Instrument :
BNA_F
ClientSampleId :
T2-T3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.6	50.1	75.1



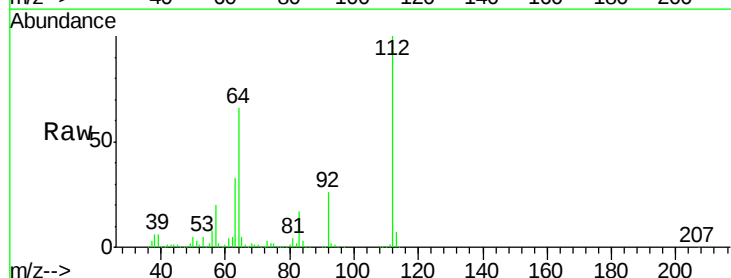
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



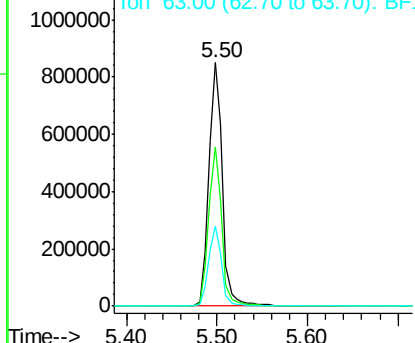
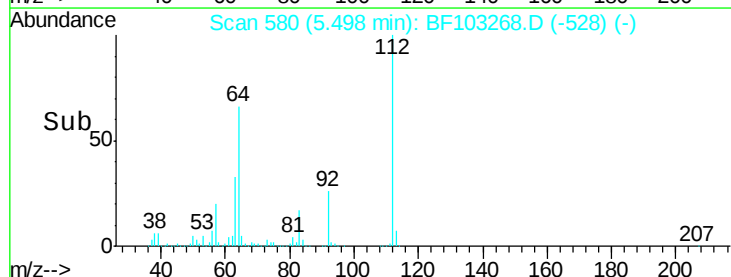
#5

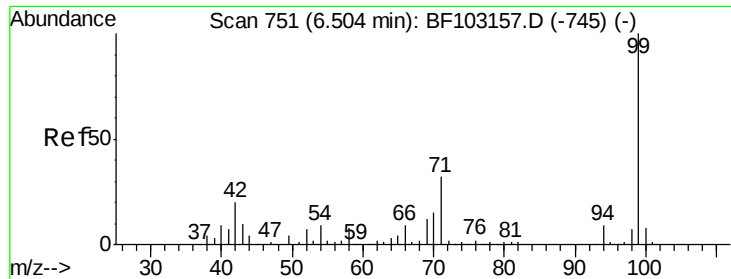
2-Fluorophenol
Concen: 91.186 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.0	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: 88.009 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

T2-T3

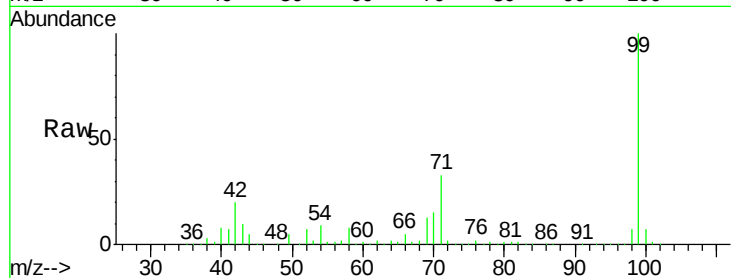
Tot Ion: 99 Resp: 1063708

Ion Ratio Lower Upper

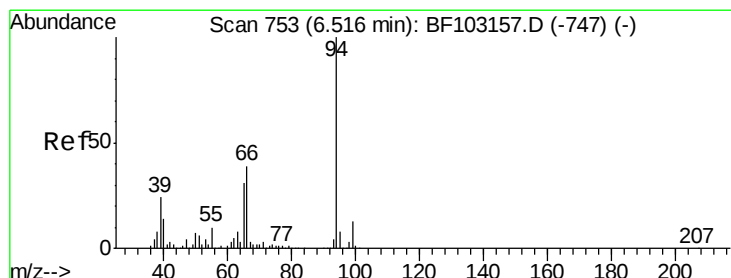
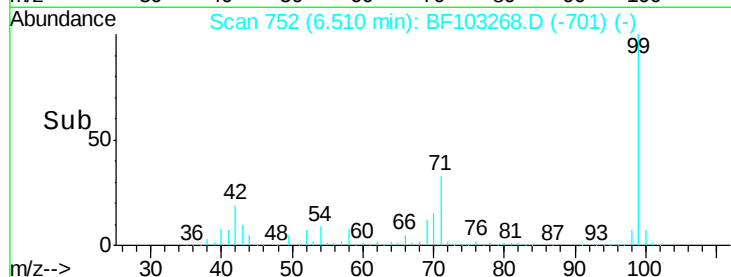
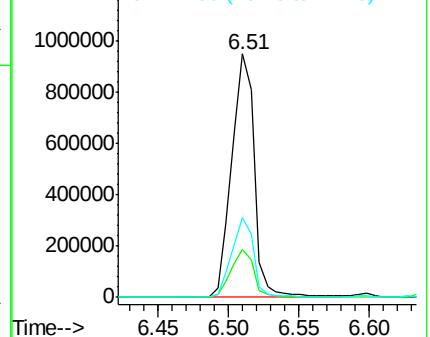
99 100

42 19.6 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



#10

Phenol

Concen: 2.396 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

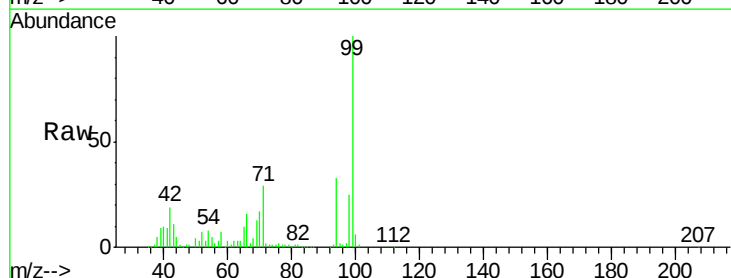
Tgt Ion: 94 Resp: 33624

Ion Ratio Lower Upper

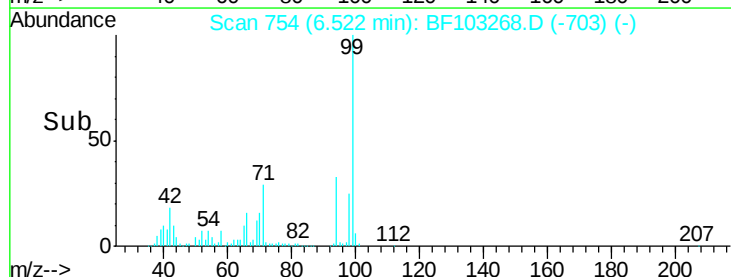
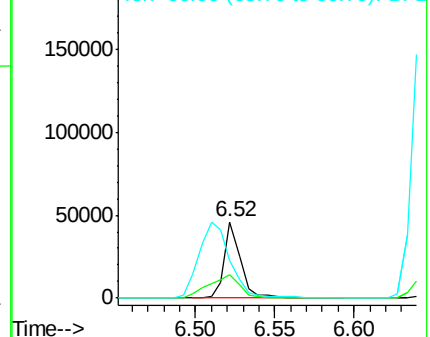
94 100

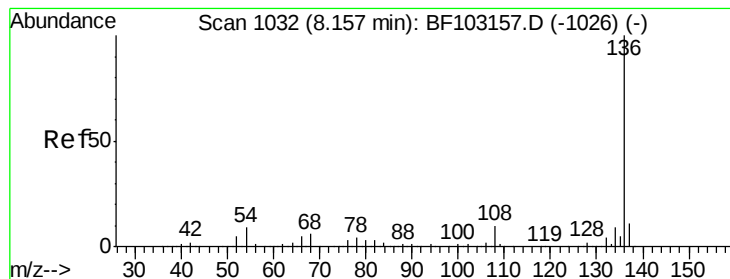
65 31.2 7.9 47.9

66 49.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

T2-T3

Tot Ion:136 Resp: 616257

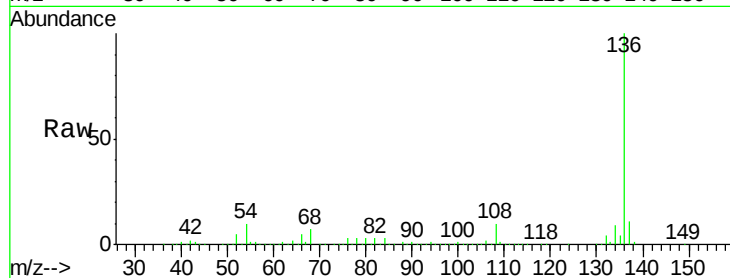
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.6 6.6 9.8

68 6.8 5.0 7.4

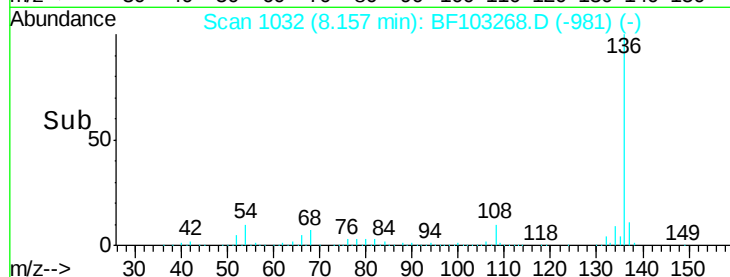


Abundance Ion 136.00 (135.70 to 136.70): E

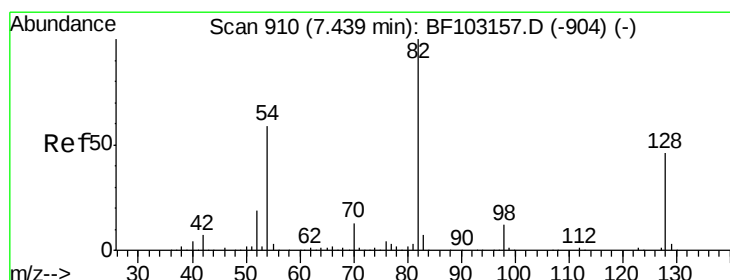
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 60.060 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

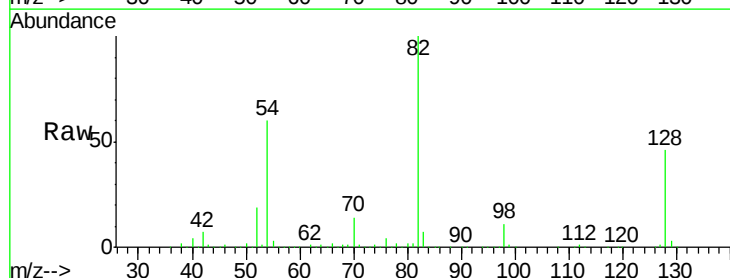
Tgt Ion: 82 Resp: 648106

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

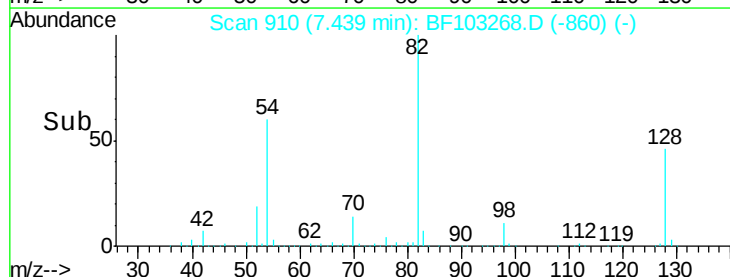
54 59.6 41.4 62.2



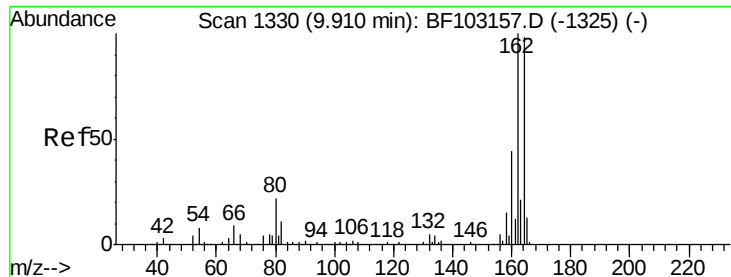
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

T2-T3

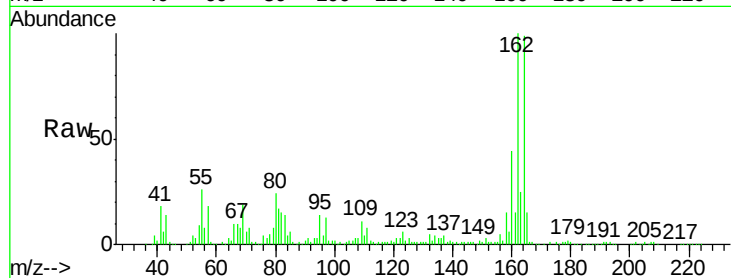
Tot Ion:164 Resp: 227637

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

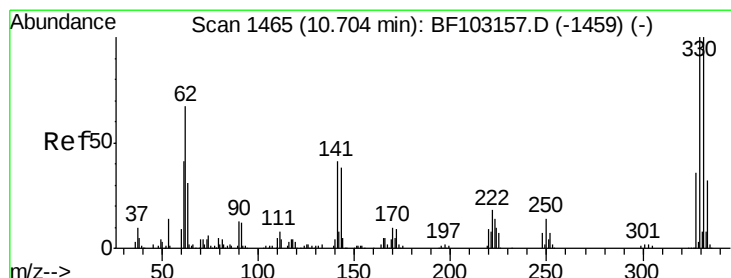
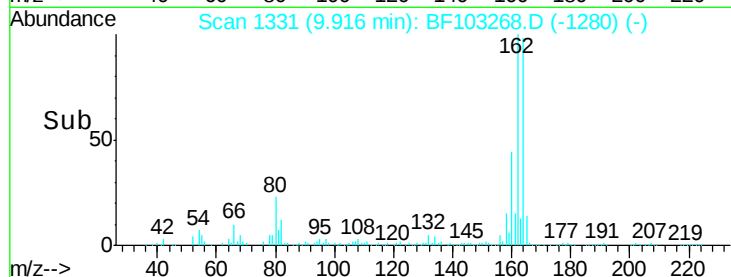
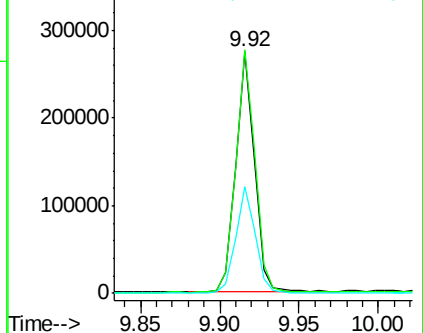
160 44.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 66.423 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

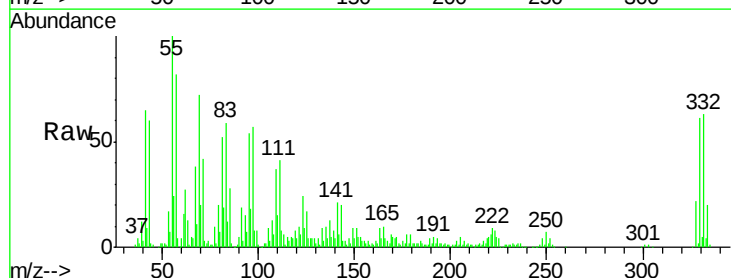
Tgt Ion:330 Resp: 127986

Ion Ratio Lower Upper

330 100

332 104.2 77.0 115.6

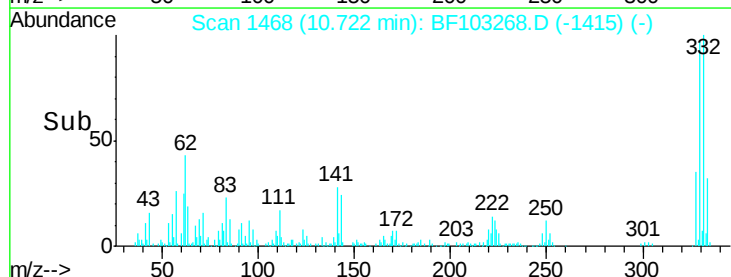
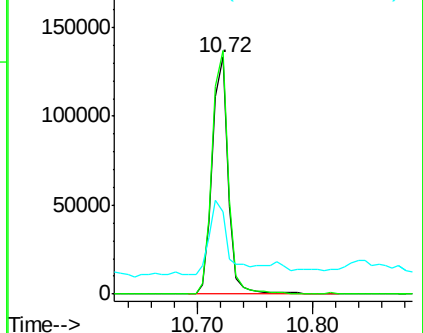
141 37.9 29.9 44.9

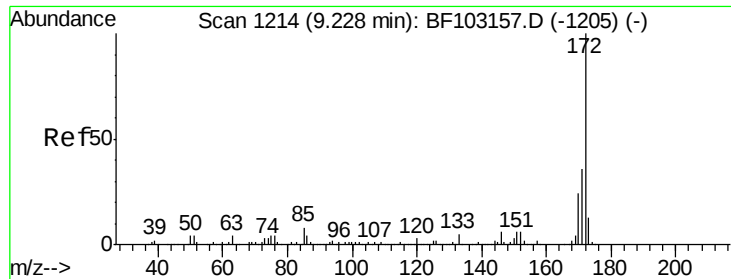


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



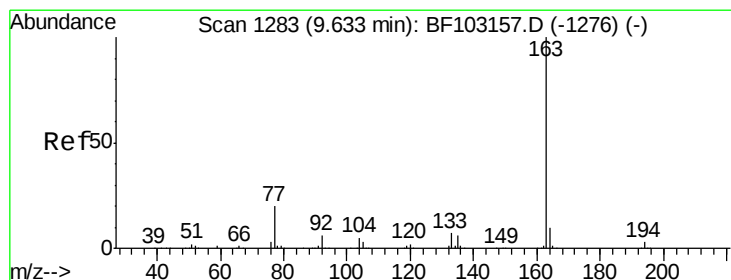
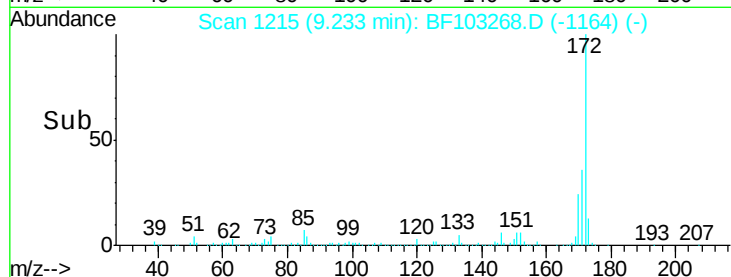
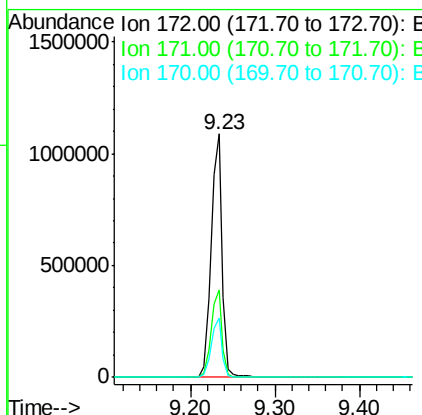
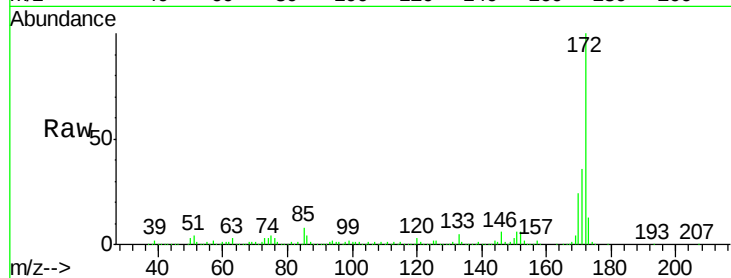


#44
 2-Fluorobiphenyl
 Concen: 73.857 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103268.D
 Acq: 27 Feb 2018 17:35

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3

Tot Ion:172 Resp: 1007177

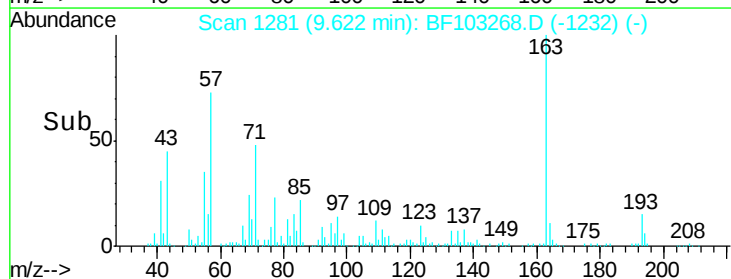
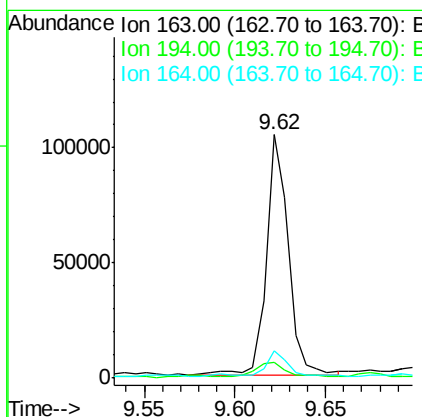
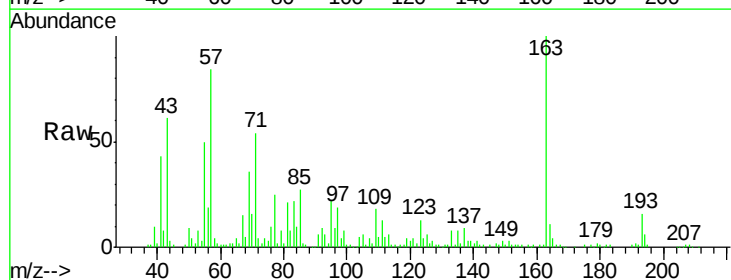
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

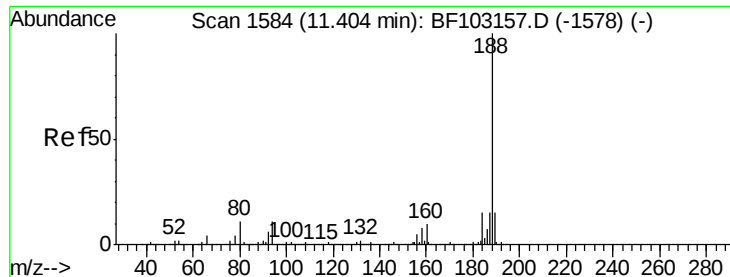


#49
 Dimethylphthalate
 Concen: 4.807 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103268.D
 Acq: 27 Feb 2018 17:35

Tgt Ion:163 Resp: 87779

Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.7	4.1#
164	11.2	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

T2-T3

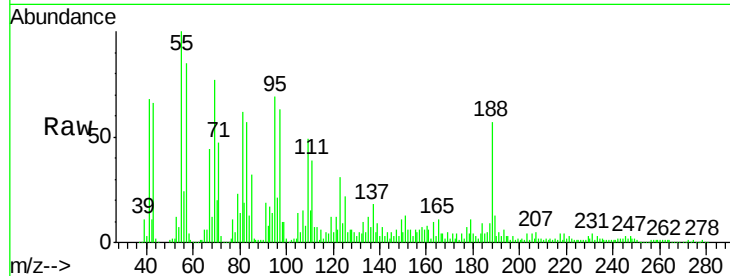
Tot Ion:188 Resp: 145069

Ion Ratio Lower Upper

188 100

94 25.5 8.5 12.7#

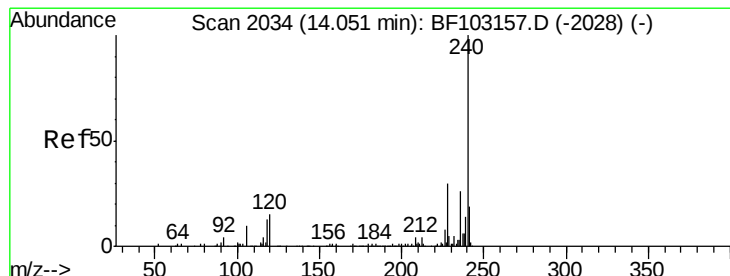
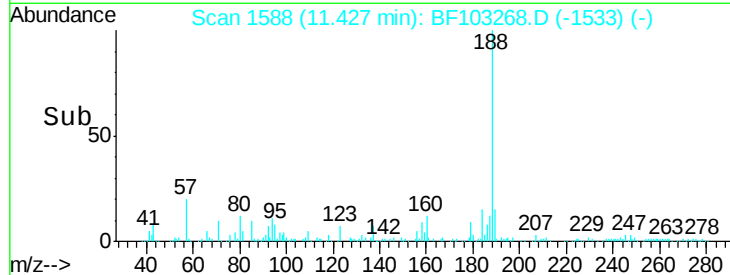
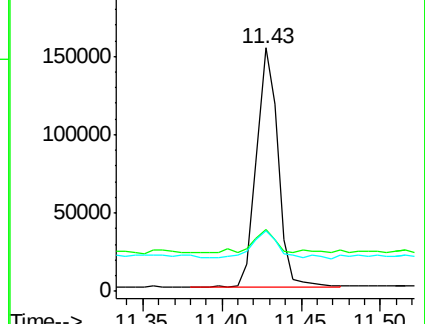
80 24.8 9.2 13.8#



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: 14.10 min Scan# 2042

Delta R.T. 0.04 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

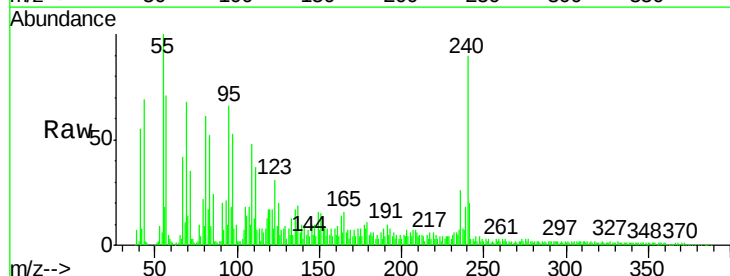
Tgt Ion:240 Resp: 145308

Ion Ratio Lower Upper

240 100

120 18.7 9.5 14.3#

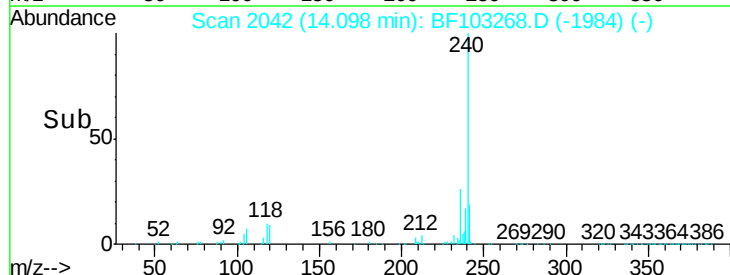
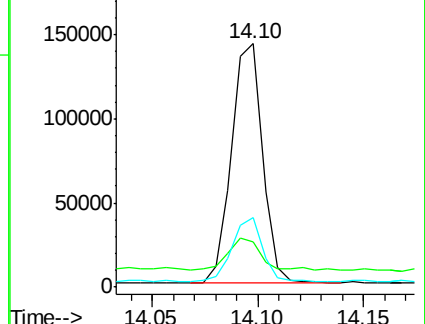
236 28.7 20.7 31.1

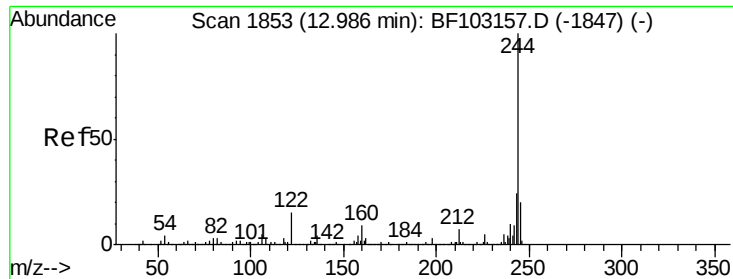


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 45.713 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.04 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

T2-T3

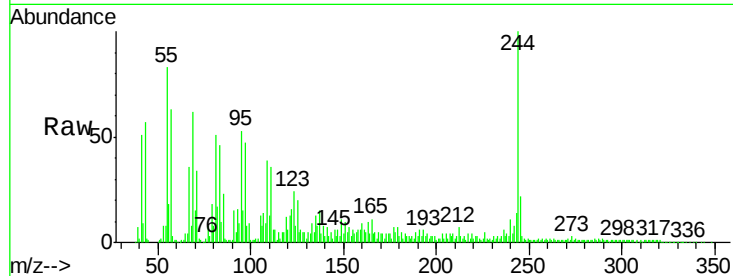
Tot Ion:244 Resp: 276324

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

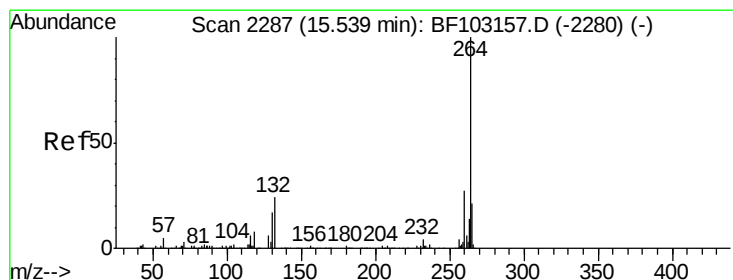
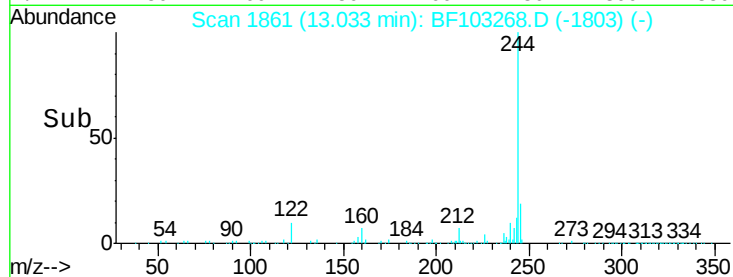
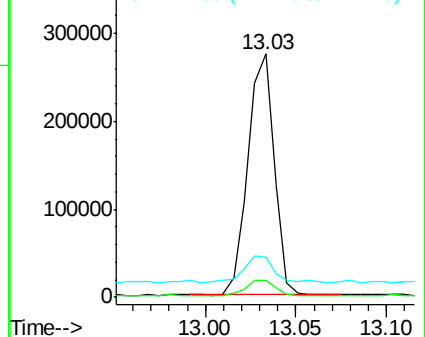
122 16.5 11.0 16.4#



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: 15.59 min Scan# 2295

Delta R.T. 0.03 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

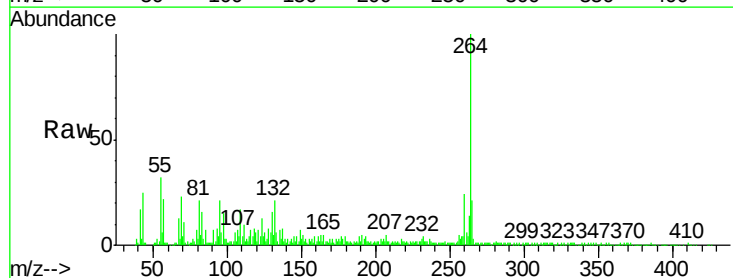
Tgt Ion:264 Resp: 178317

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.7 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

