

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103503.D
 Acq On : 7 Mar 2018 16:14
 Operator : SJ/JU
 Sample : J1699-73
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B27

Quant Time: Mar 07 17:21:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

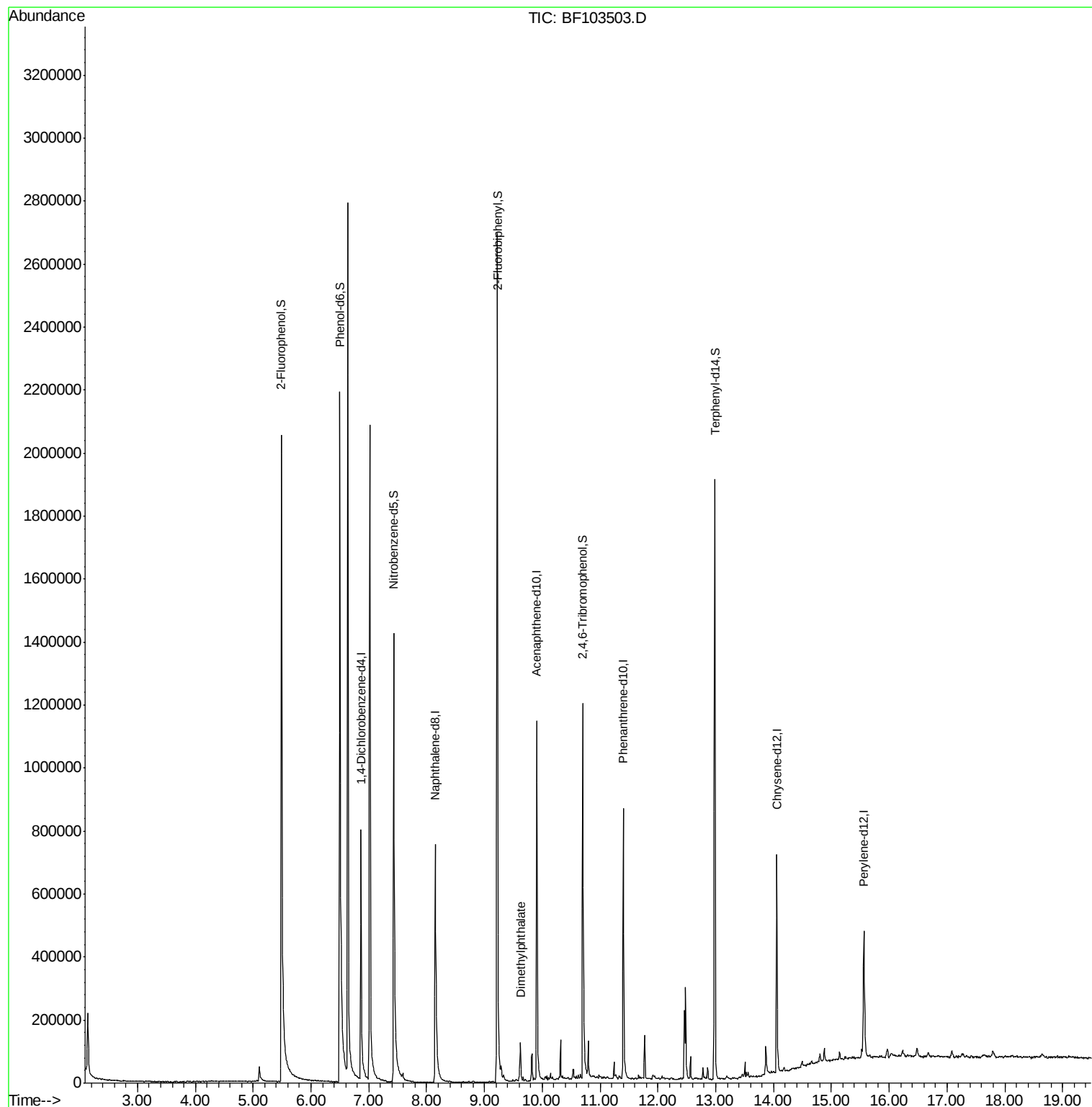
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149120	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	624511	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	271804	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	408365	20.00	ng	0.00
75) Chrysene-d12	14.06	240	254336	20.00	ng	0.00
86) Perylene-d12	15.56	264	215846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	913507	92.65	ng	0.00
7) Phenol-d6	6.50	99	1106570	91.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	713105	65.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	160660	69.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1010176	59.49	ng	0.00
78) Terphenyl-d14	12.99	244	666397	62.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	58350	2.676	ng	Qvalue # 98

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

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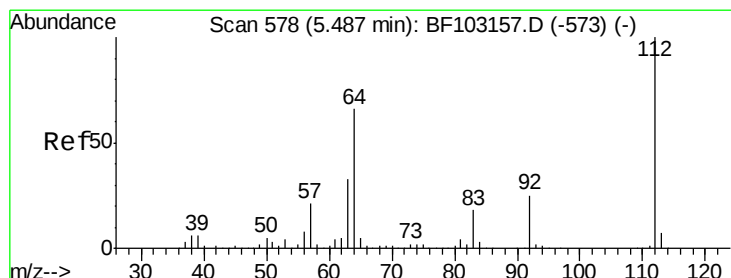
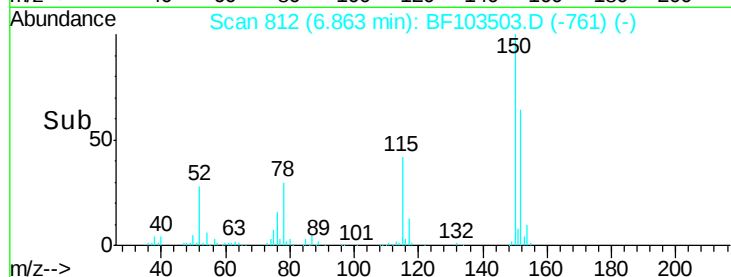
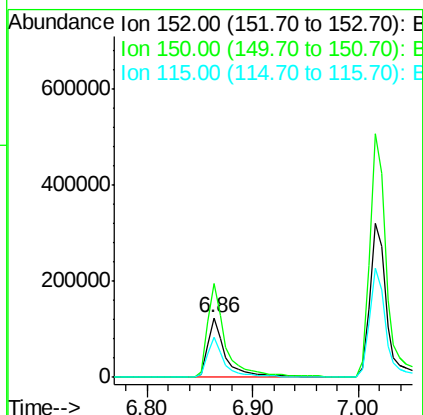
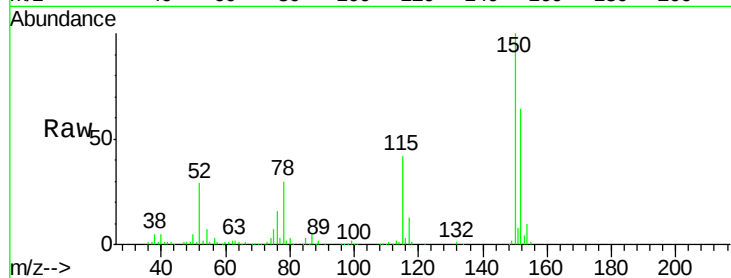


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Instrument :
BNA_F
ClientSampleId :
B27

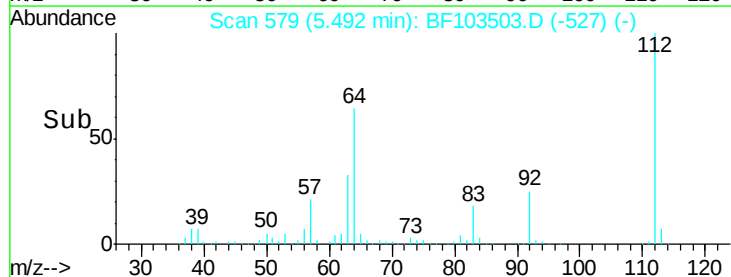
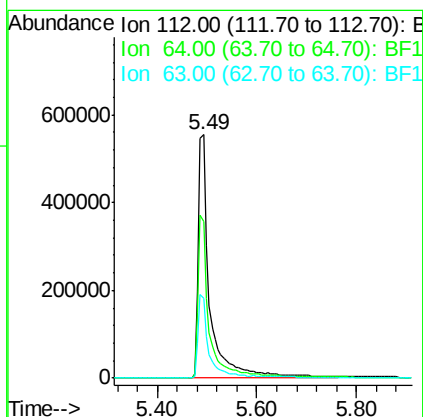
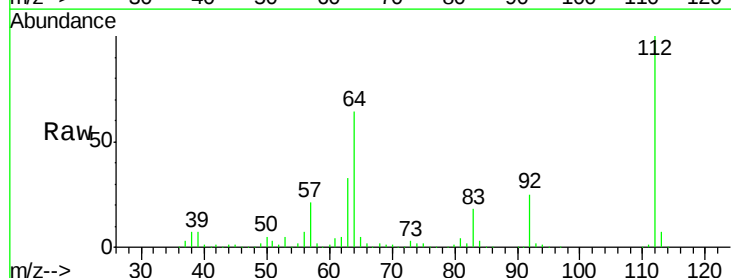
Tot Ion:152 Resp: 149120
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 66.0 50.1 75.1



#5

2-Fluorophenol
Concen: 92.651 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Tgt Ion:112 Resp: 913507
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.9 23.7 35.5





#7

Phenol-d6

Concen: 91.719 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

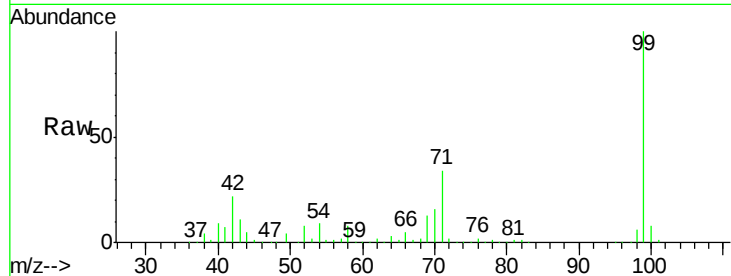
BNA_F

ClientSampleId :

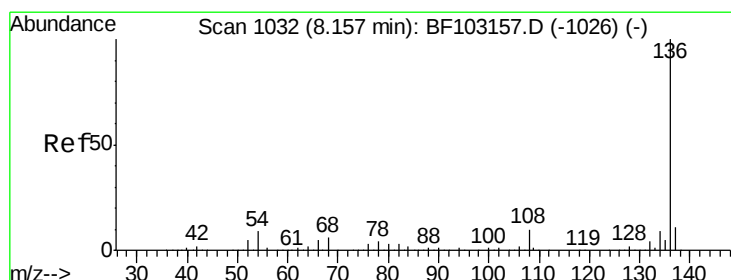
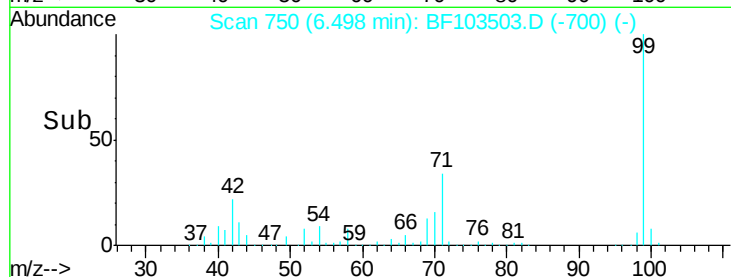
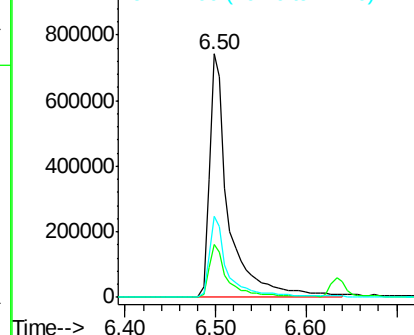
B27

Tot Ion: 99 Resp: 1106570

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	33.5	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

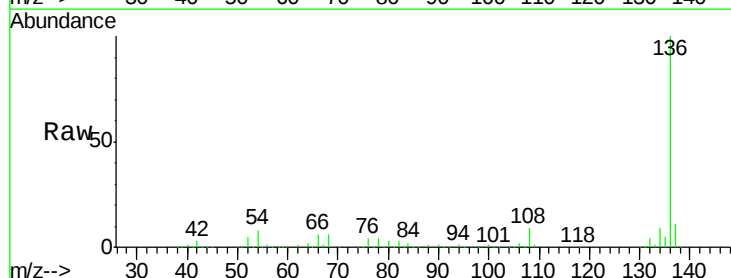
Delta R.T. 0.00 min

Lab File: BF103503.D

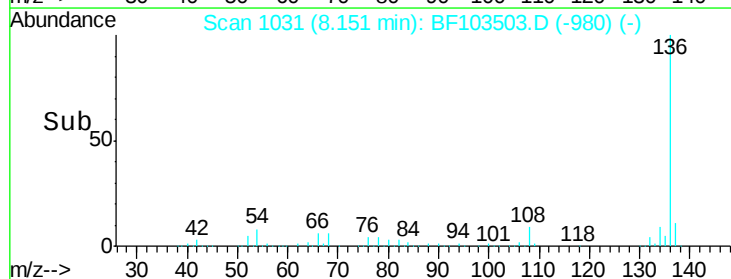
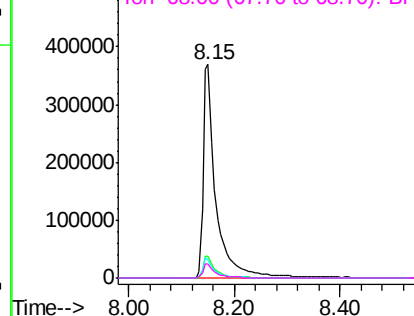
Acq: 7 Mar 2018 16:14

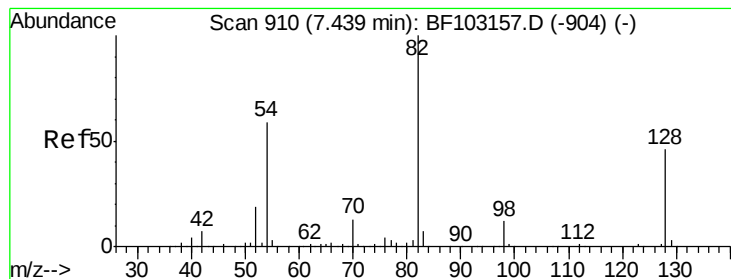
Tgt Ion: 136 Resp: 624511

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.4	6.6	9.8
68	6.4	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: 65.210 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

BNA_F

ClientSampleId :

B27

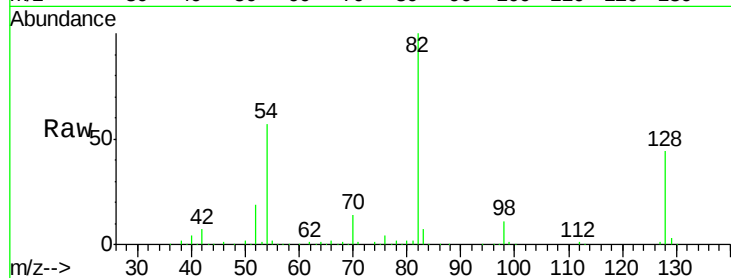
Tot Ion: 82 Resp: 713105

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

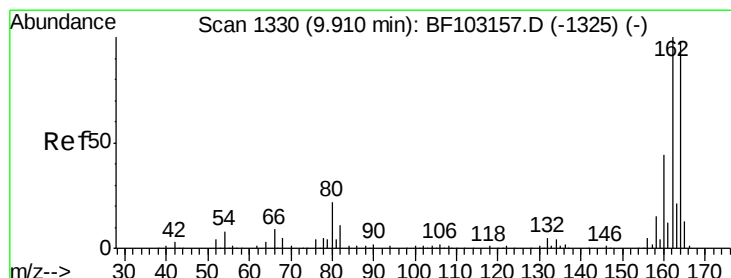
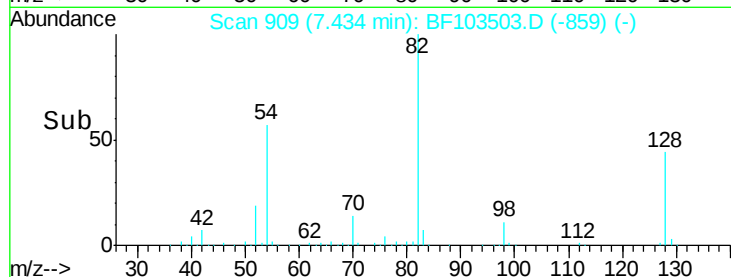
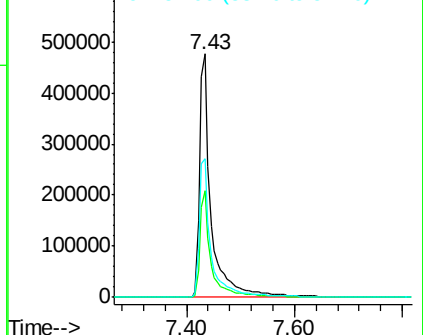
54 57.1 41.4 62.2



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: BF103503.D

Acq: 7 Mar 2018 16:14

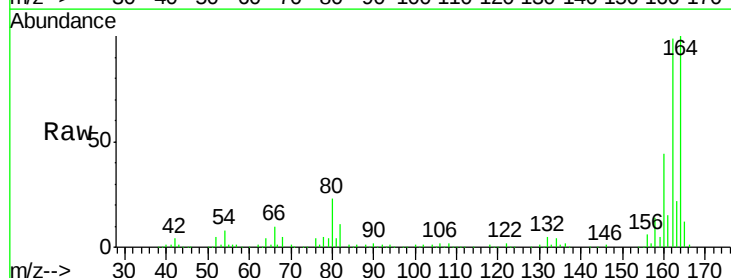
Tgt Ion:164 Resp: 271804

Ion Ratio Lower Upper

164 100

162 98.9 86.1 129.1

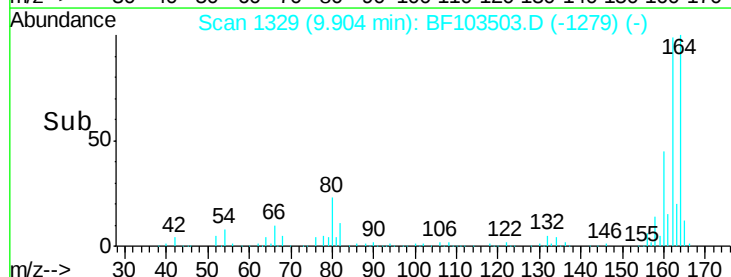
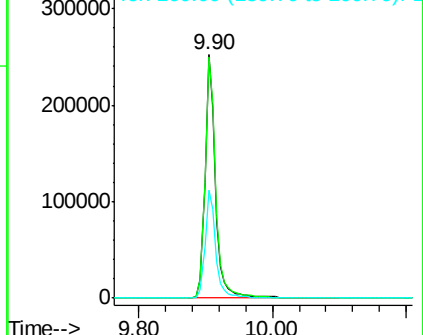
160 44.4 38.3 57.5



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: 69.832 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

BNA_F

ClientSampleId :

B27

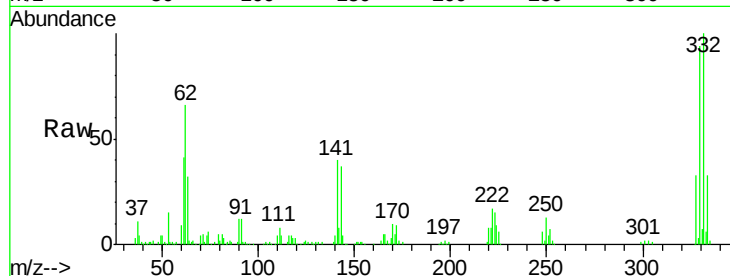
Tot Ion:330 Resp: 160660

Ion Ratio Lower Upper

330 100

332 104.3 77.0 115.6

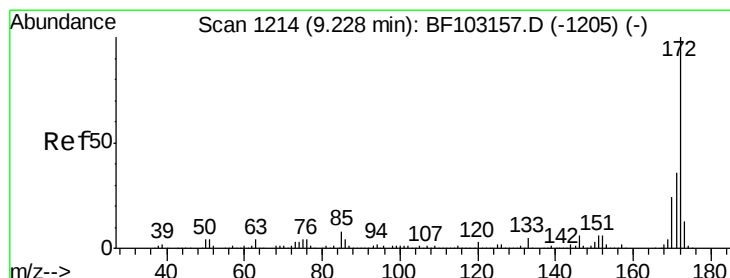
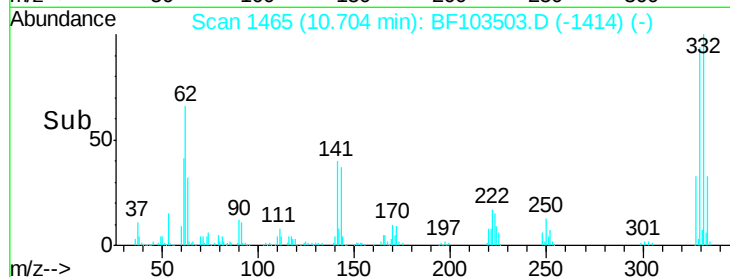
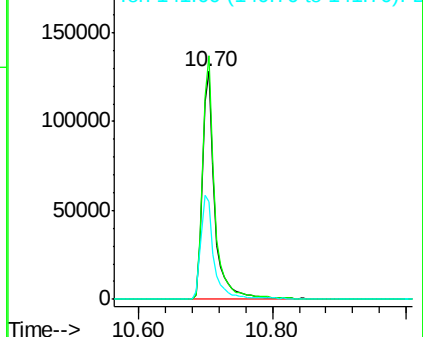
141 47.3 29.9 44.9#



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: 59.495 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

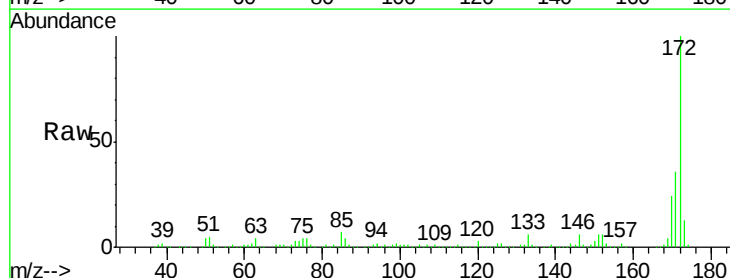
Tgt Ion:172 Resp: 1010176

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

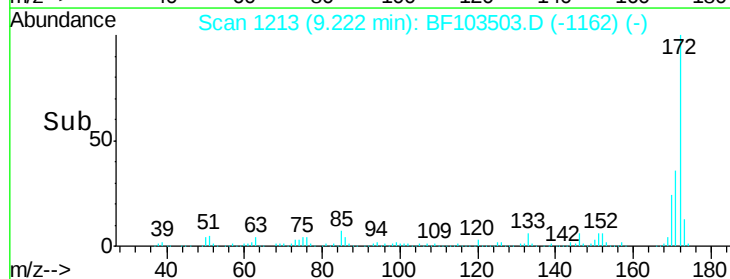
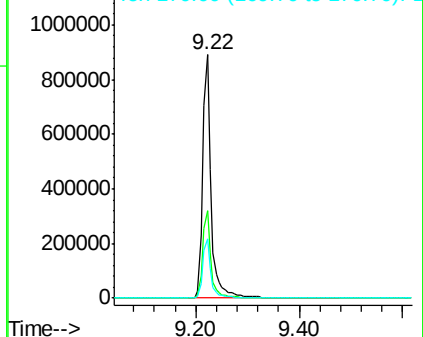
170 24.5 19.6 29.4

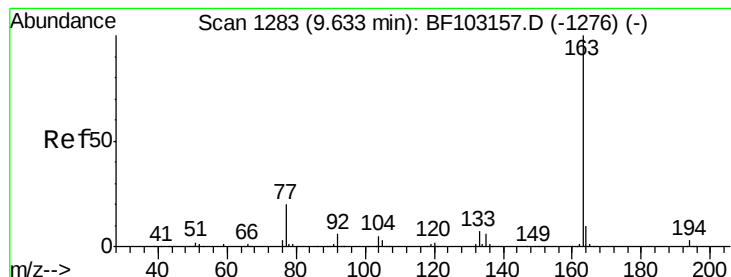


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.676 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

BNA_F

ClientSampleId :

B27

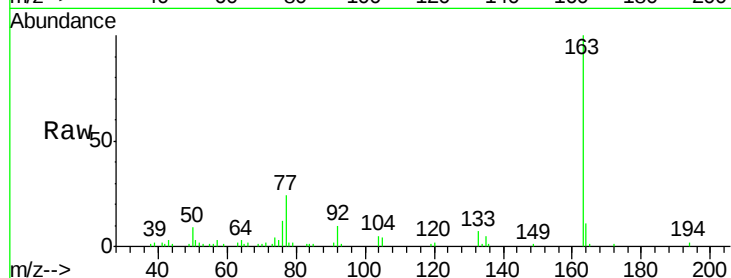
Tot Ion:163 Resp: 58350

Ion Ratio Lower Upper

163 100

194 2.3 2.7 4.1#

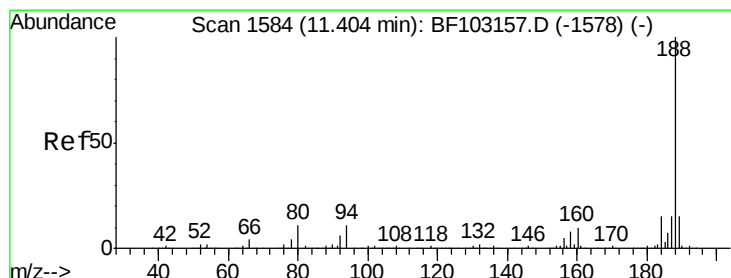
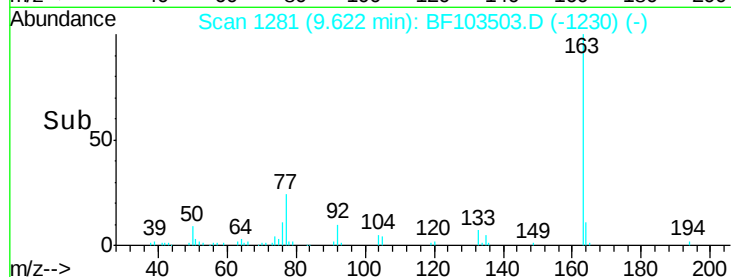
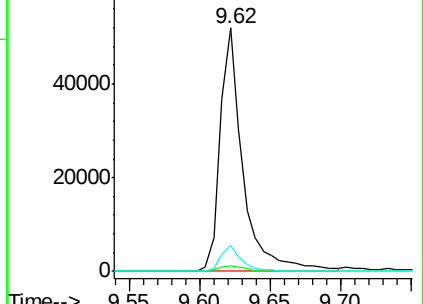
164 10.6 8.2 12.2



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: BF103503.D

Acq: 7 Mar 2018 16:14

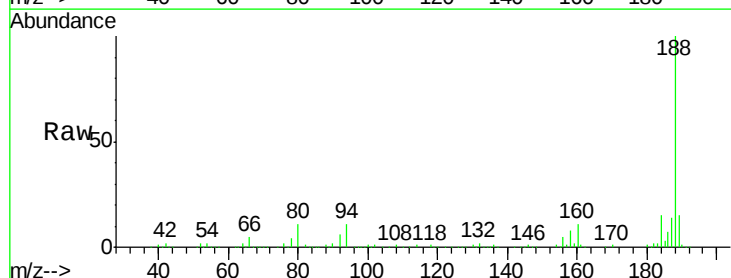
Tgt Ion:188 Resp: 408365

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

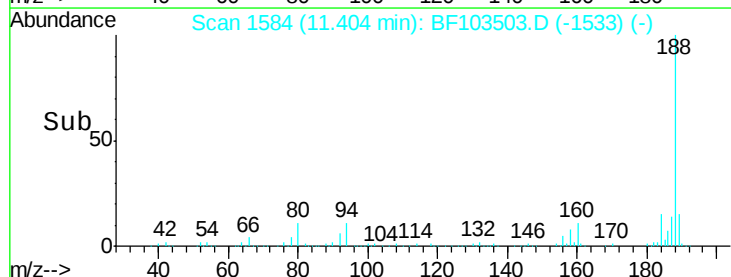
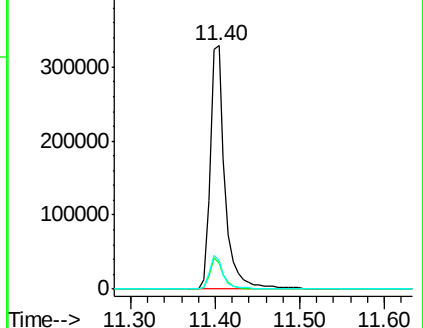
80 11.5 9.2 13.8

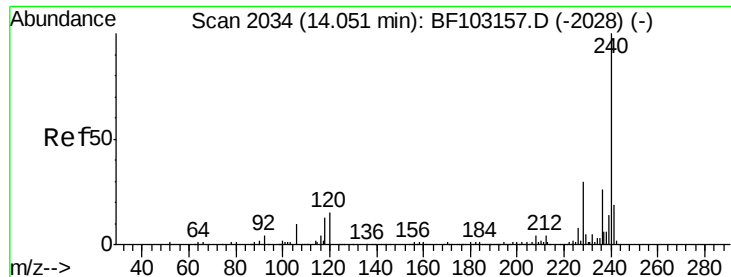


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

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B27

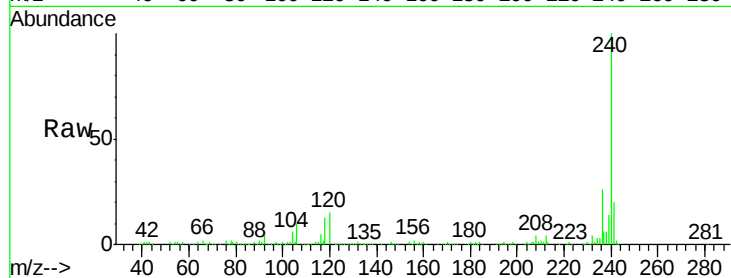
Tot Ion:240 Resp: 254336

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

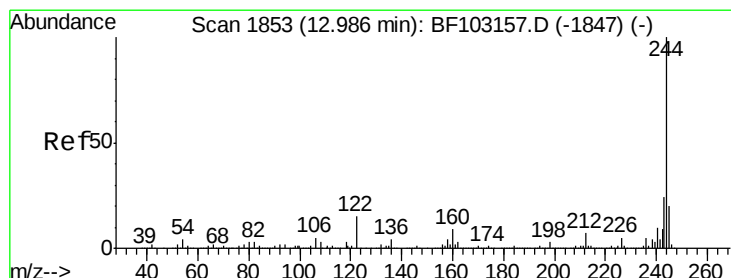
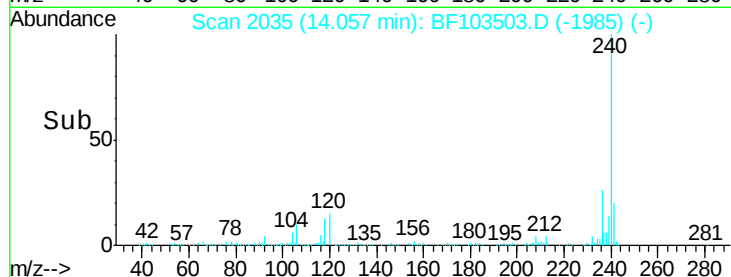
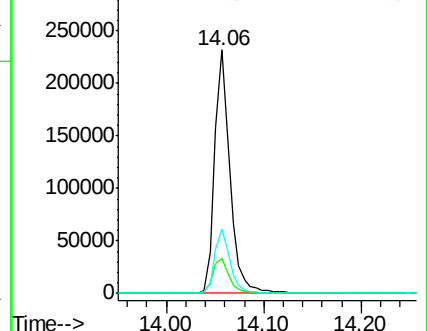
236 26.3 20.7 31.1



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: 62.985 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

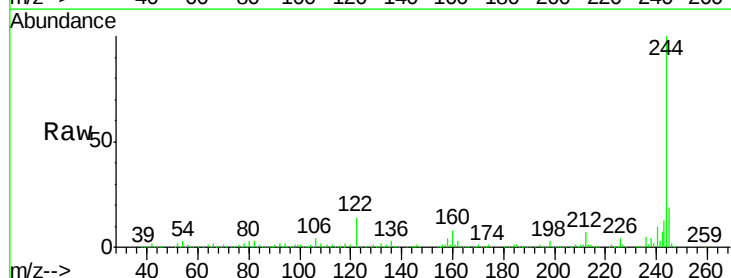
Tgt Ion:244 Resp: 666397

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

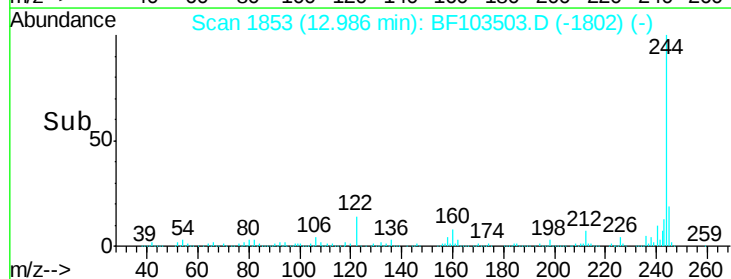
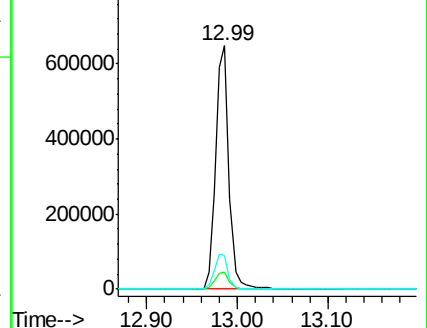
122 13.9 11.0 16.4

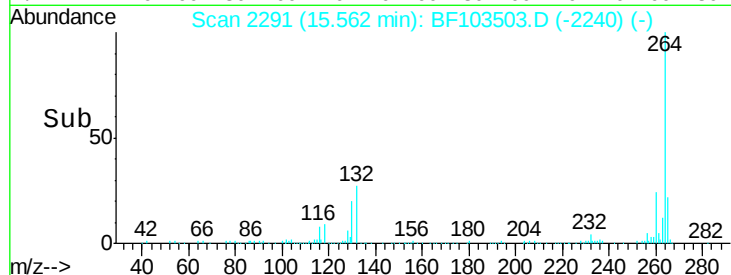
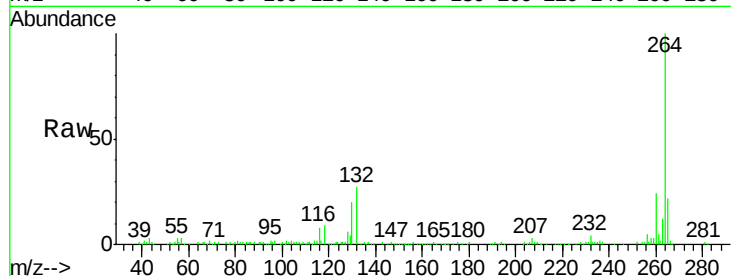
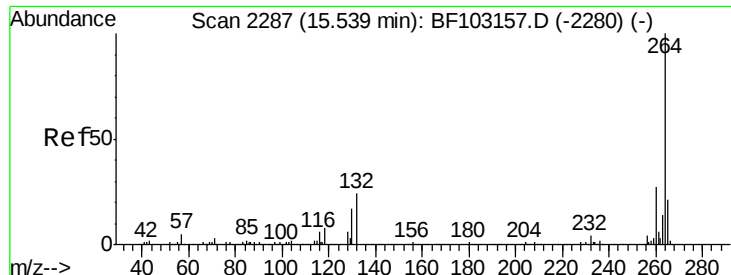


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2291
 Delta R.T. 0.00 min
 Lab File: BF103503.D
 Acq: 7 Mar 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 B27

Tot Ion:264	Resp:	215846
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.2 28.8
265	21.9	17.5 26.3

