

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102143.D
 Acq On : 17 Jan 2018 7:18
 Operator : SJ/JU
 Sample : J1113-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

Quant Time: Jan 17 09:54:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

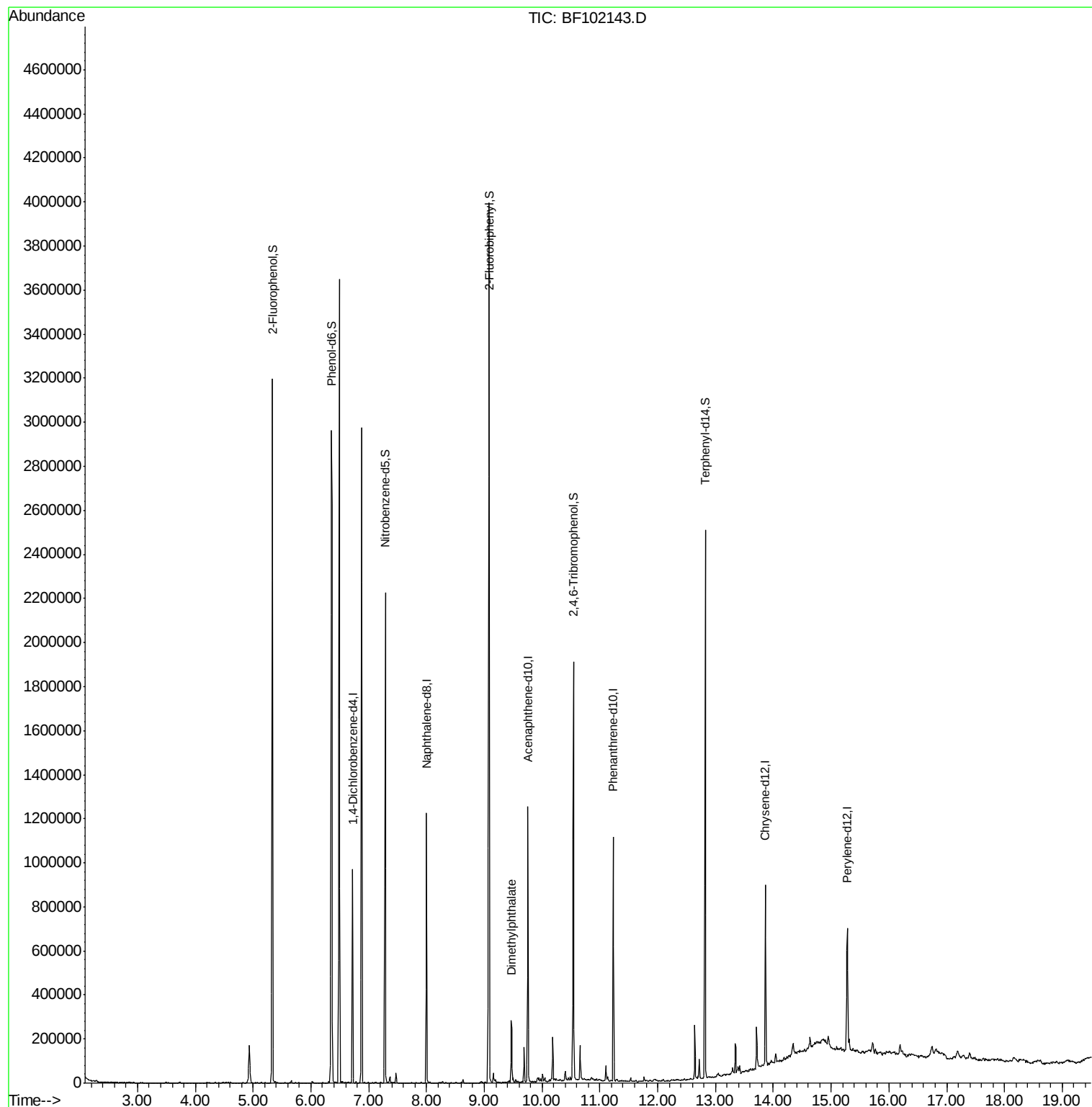
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141355	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559681	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	237232	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	351523	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	254529	20.00	ng	-0.02
86) Perylene-d12	15.28	264	235892	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	994949	99.39	ng	0.00
7) Phenol-d6	6.36	99	1179747	98.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	725510	76.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	220941	106.72	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1224017	80.61	ng	-0.01
78) Terphenyl-d14	12.82	244	795355	64.88	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	105497	5.543	ng	99

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

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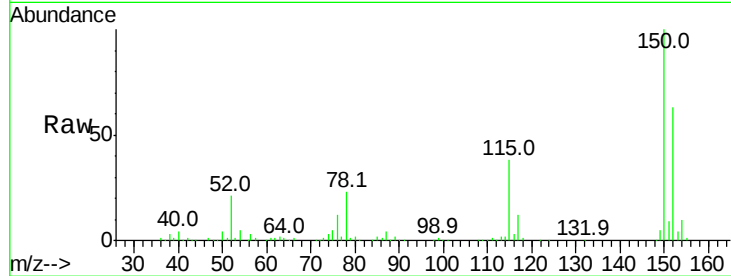


#1

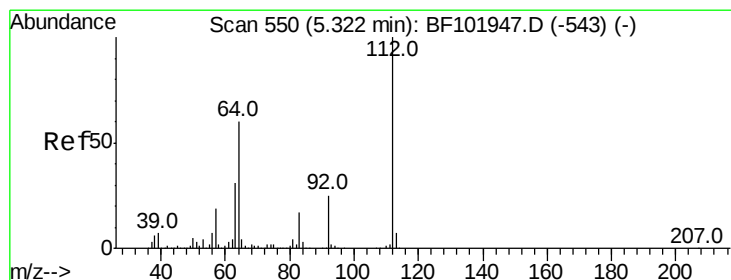
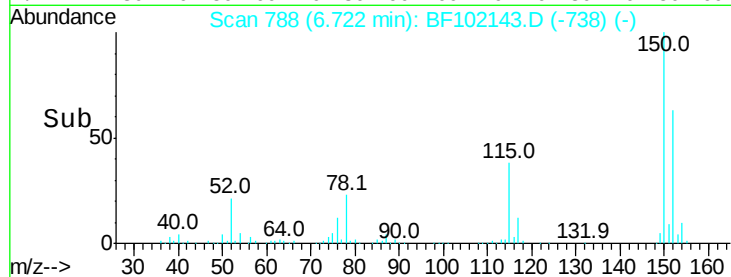
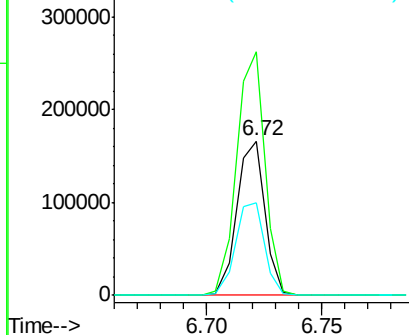
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Tot Ion:152 Resp: 141355
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.1 50.1 75.1



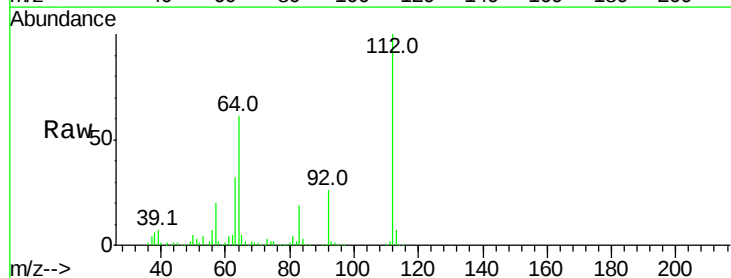
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



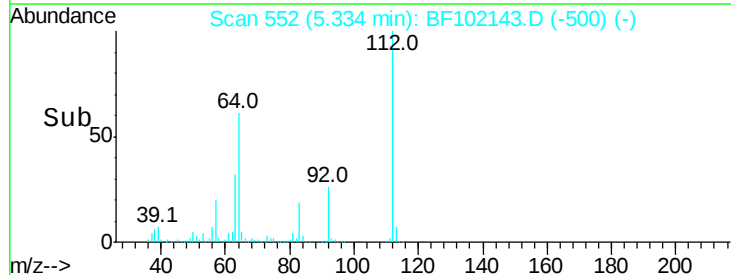
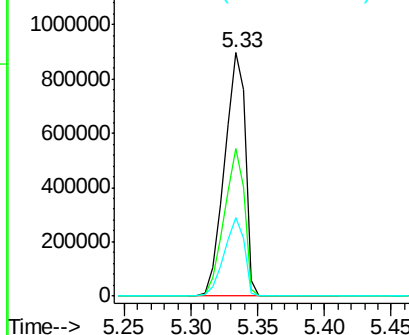
#5

2-Fluorophenol
Concen: 99.392 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Tgt Ion:112 Resp: 994949
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 32.0 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: 98.778 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Instrument :

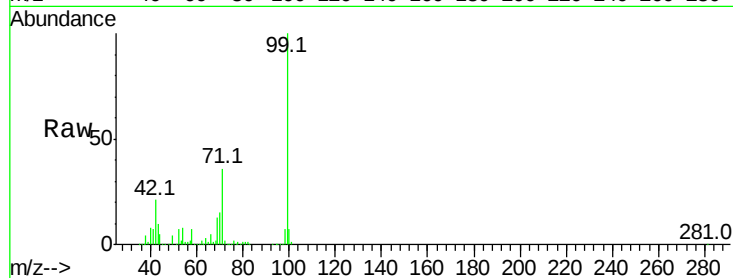
BNA_F

ClientSampleId :

SB-17-3.5-4.0

Tot Ion: 99 Resp: 1179747

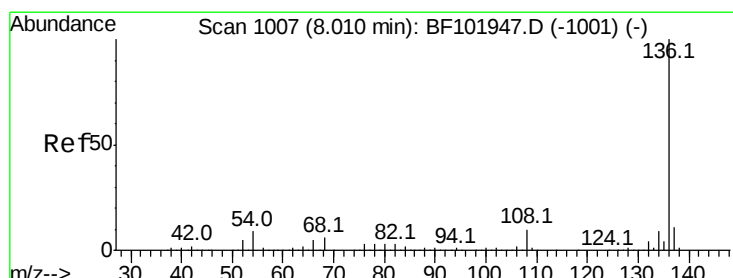
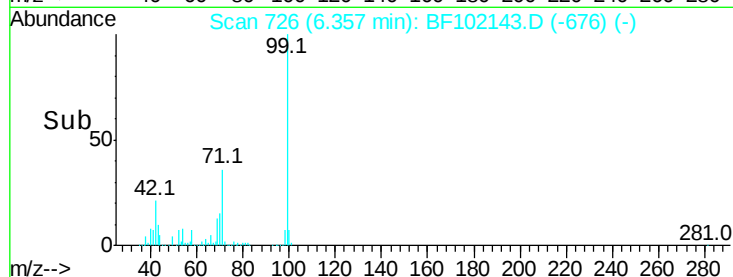
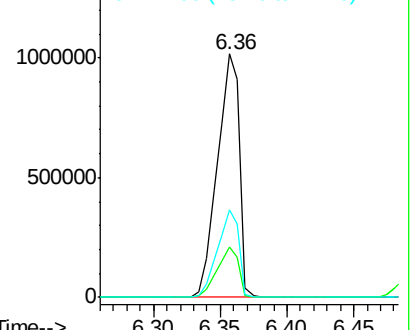
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	36.0	25.4	38.0



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: 8.00 min Scan# 1005

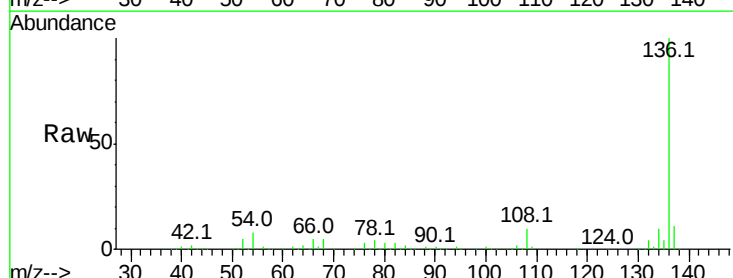
Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Tgt Ion: 136 Resp: 559681

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	5.2	5.0	7.4

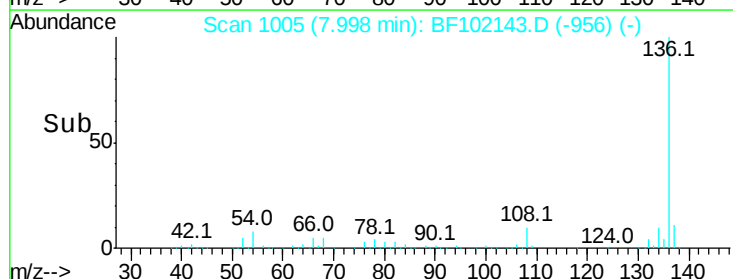
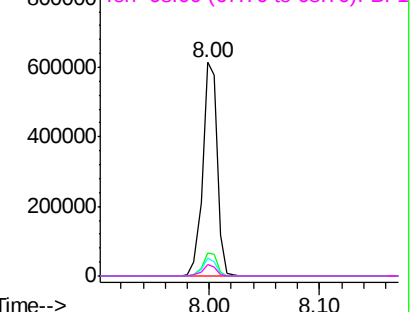


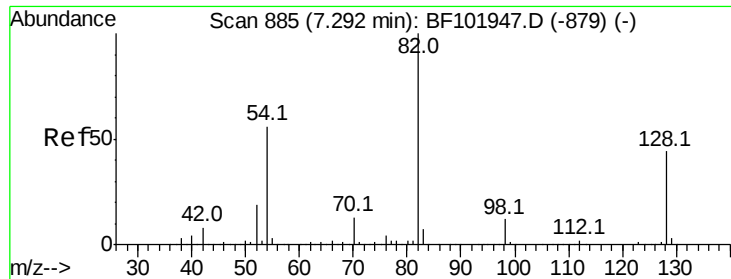
Abundance Ion 136.00 (135.70 to 136.70): E

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

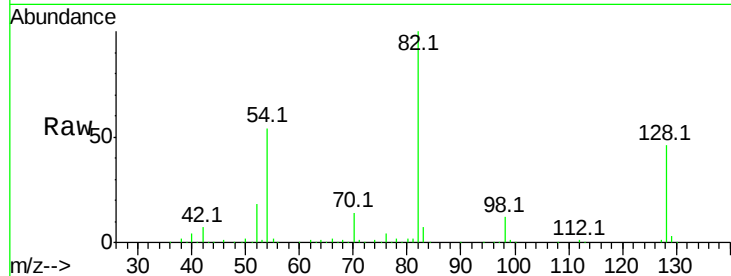




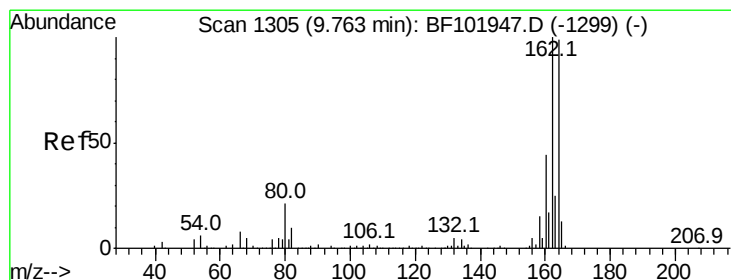
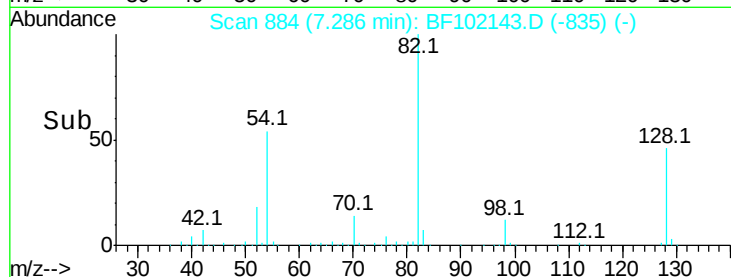
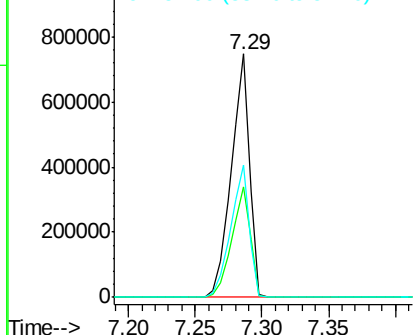
#23
Nitrobenzene-d5
Concen: 76.175 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Tot Ion: 82 Resp: 725510
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 54.2 41.4 62.2

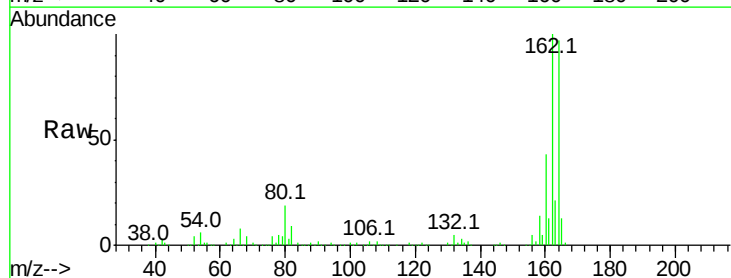


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

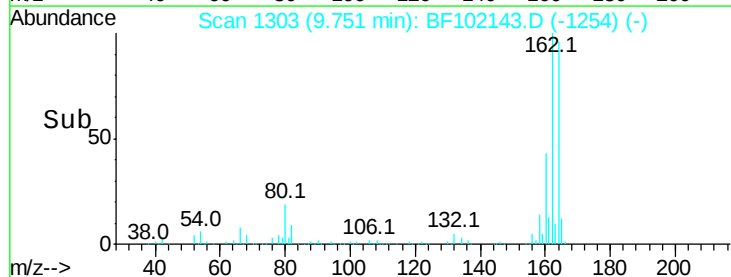
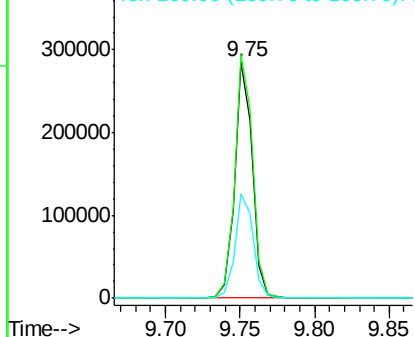


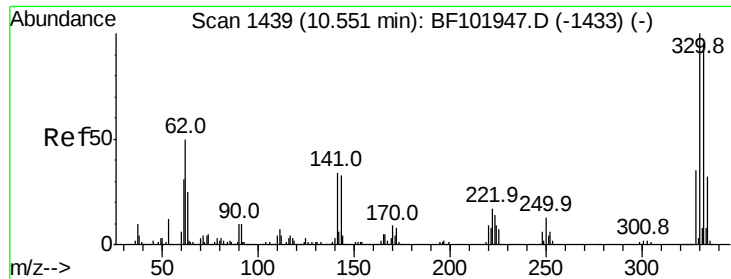
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Tgt Ion:164 Resp: 237232
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.3 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

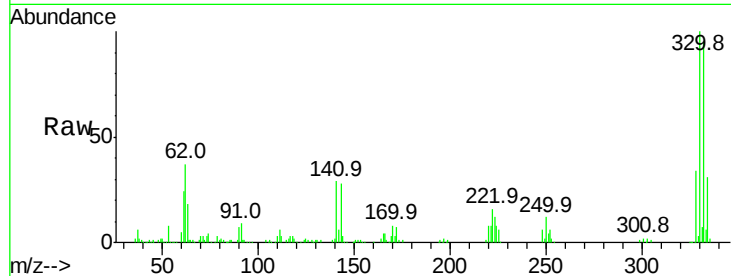




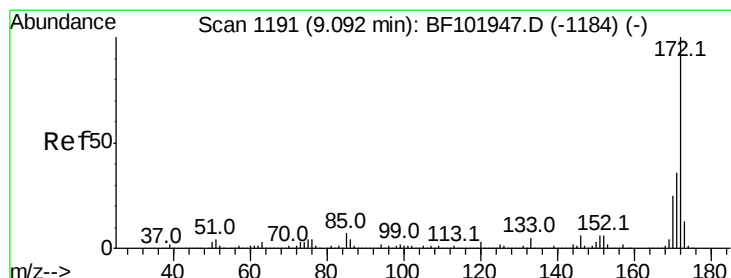
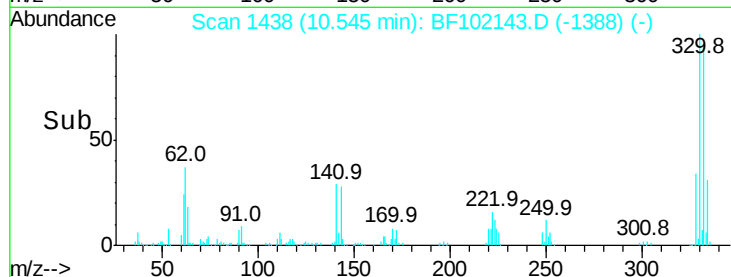
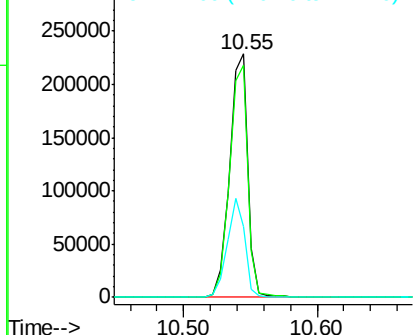
#41
 2,4,6-Tribromophenol
 Concen: 106.720 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

Tot Ion:330 Resp: 220941
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 39.4 29.9 44.9

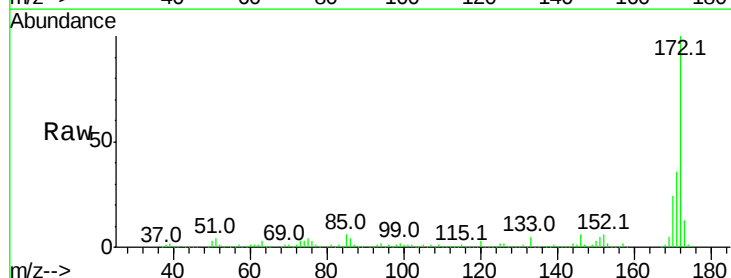


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

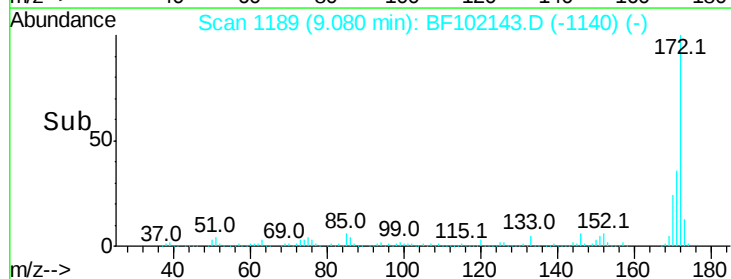
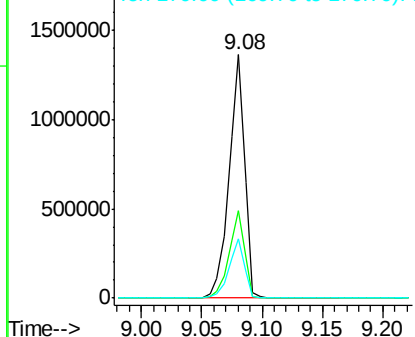


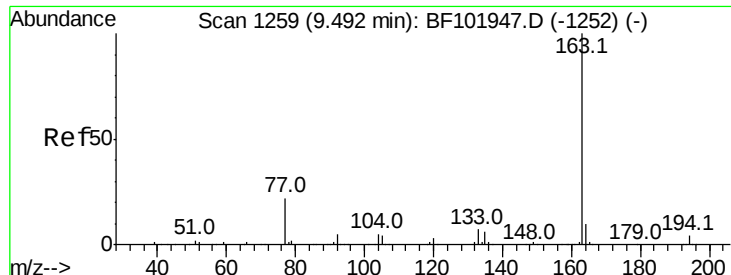
#44
 2-Fluorobiphenyl
 Concen: 80.607 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Tgt Ion:172 Resp: 1224017
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 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: 5.543 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Instrument :

BNA_F

ClientSampleId :

SB-17-3.5-4.0

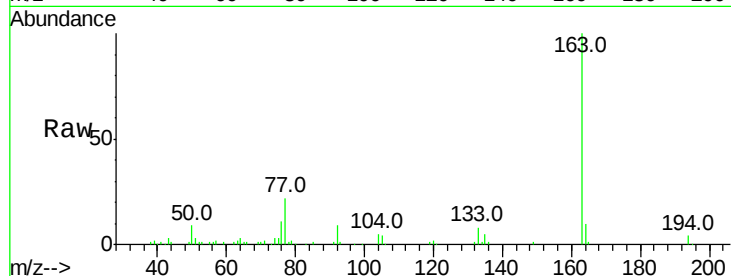
Tot Ion:163 Resp: 105497

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

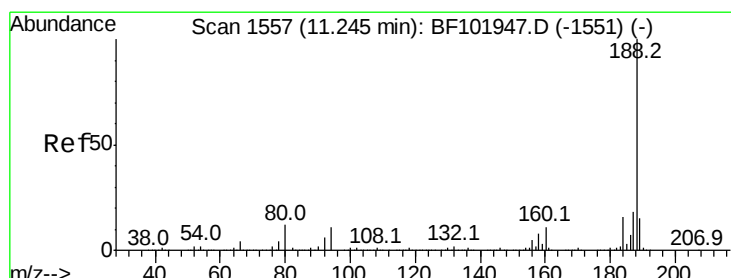
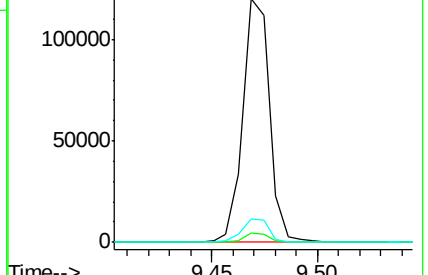
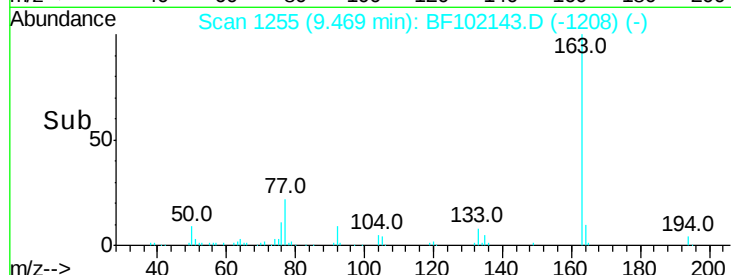
164 9.7 8.2 12.2



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

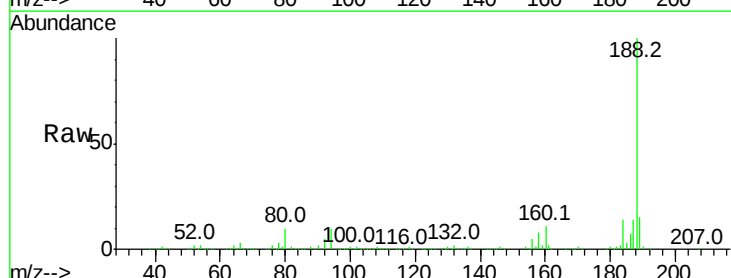
Tgt Ion:188 Resp: 351523

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

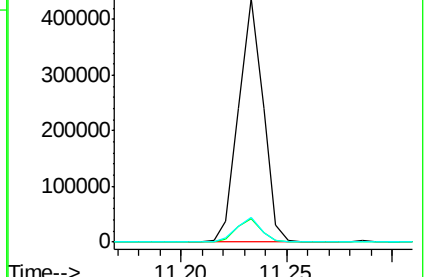
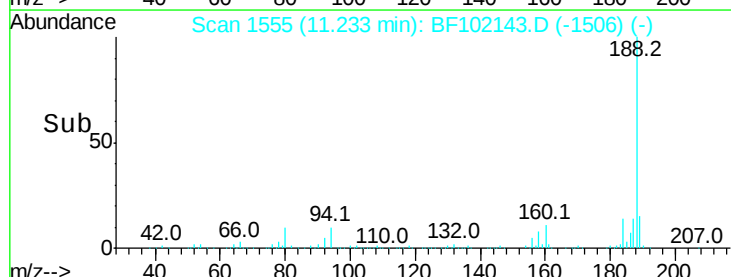
80 10.1 9.2 13.8

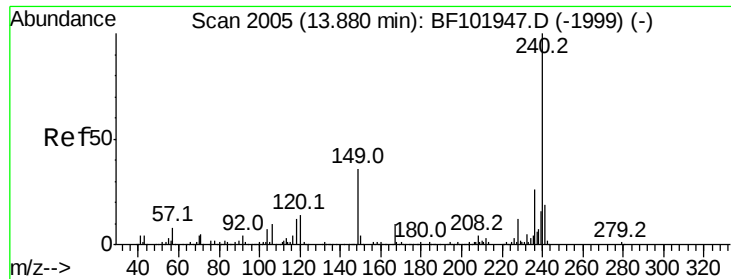


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Instrument :

BNA_F

ClientSampleId :

SB-17-3.5-4.0

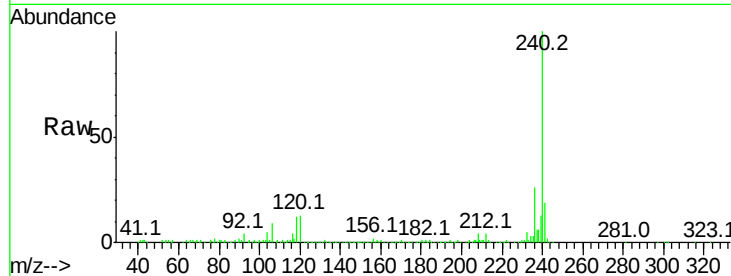
Tot Ion:240 Resp: 254529

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

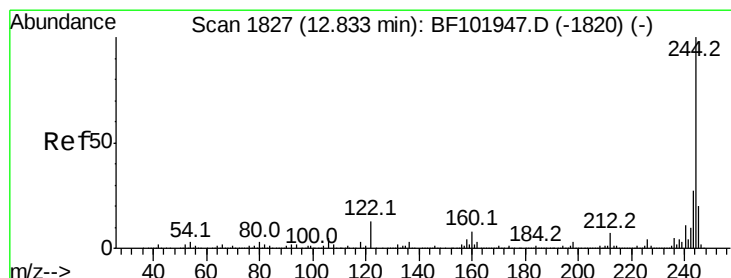
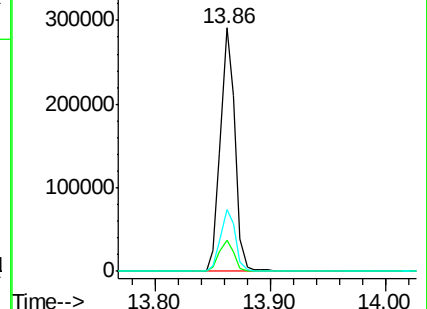
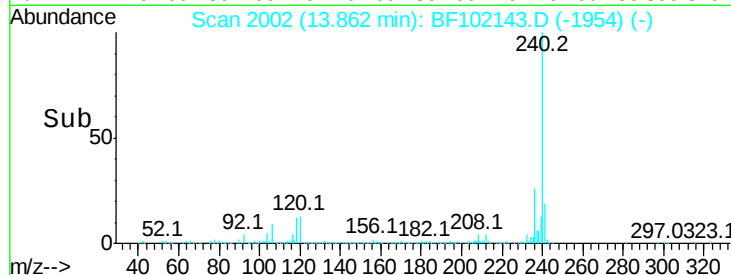
236 25.6 20.7 31.1



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: 64.879 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

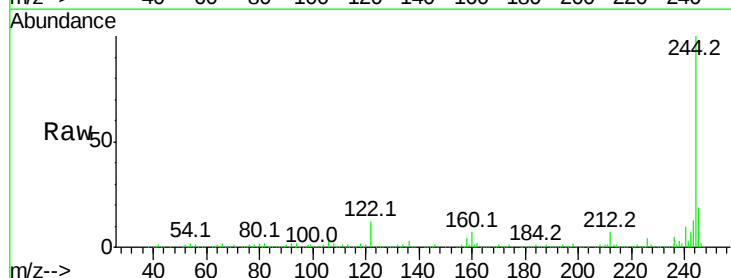
Tgt Ion:244 Resp: 795355

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

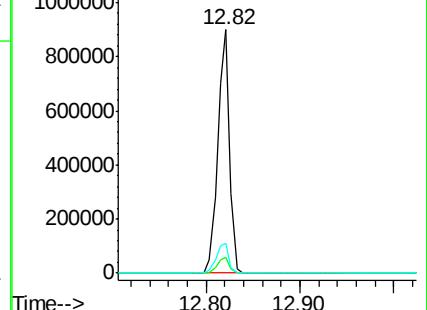
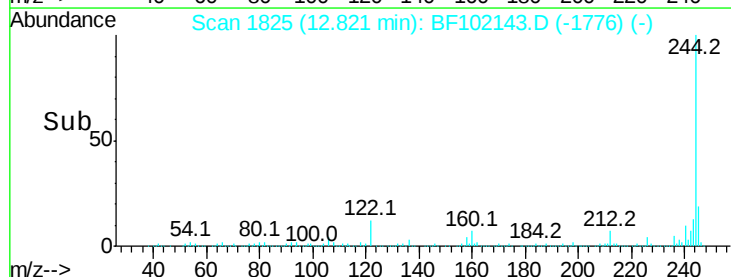
122 12.0 11.0 16.4

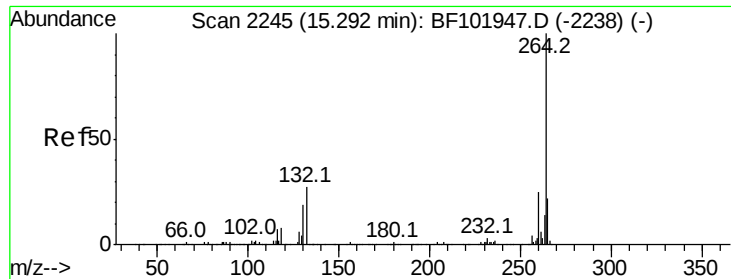


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Tot Ion:264 Resp: 235892

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3

