

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102180.D
 Acq On : 18 Jan 2018 5:56
 Operator : SJ/JU
 Sample : J1144-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-1

Quant Time: Jan 18 07:41:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

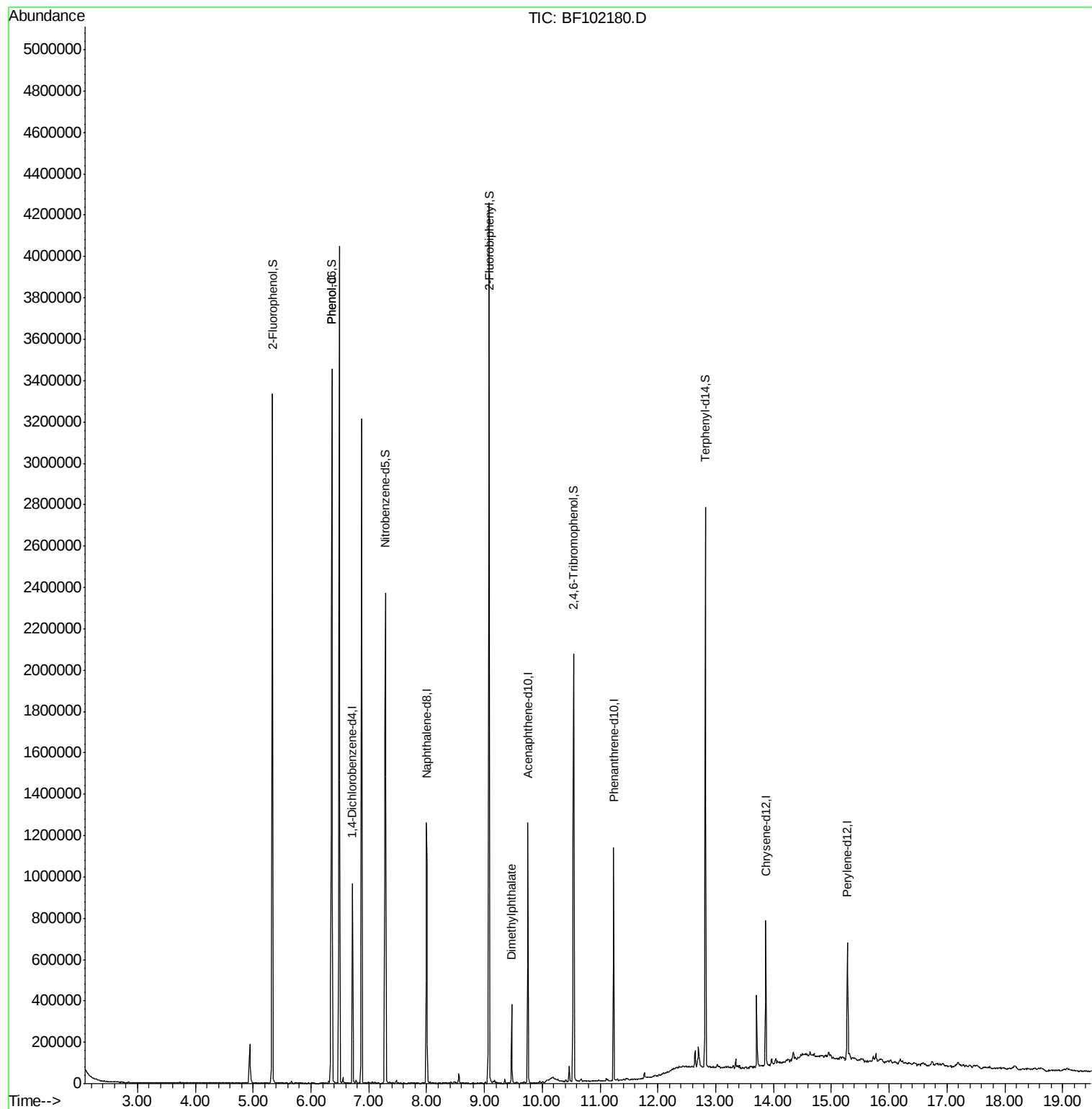
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142754	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	569919	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	249080	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	369014	20.00	ng	0.00
75) Chrysene-d12	13.86	240	236727	20.00	ng	-0.01
86) Perylene-d12	15.28	264	234157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1154859	114.24	ng	0.02
7) Phenol-d6	6.36	99	1350157	111.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	856666	88.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	260854	120.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1371026	85.99	ng	0.00
78) Terphenyl-d14	12.82	244	876963	76.92	ng	0.00
Target Compounds						
10) Phenol	6.37	94	63105	4.630	ng	86
49) Dimethylphthalate	9.47	163	149792	7.497	ng	99

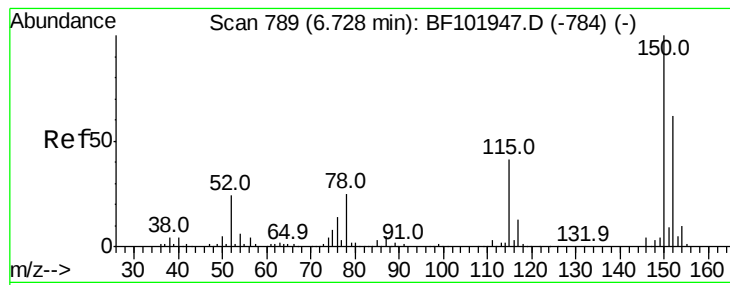
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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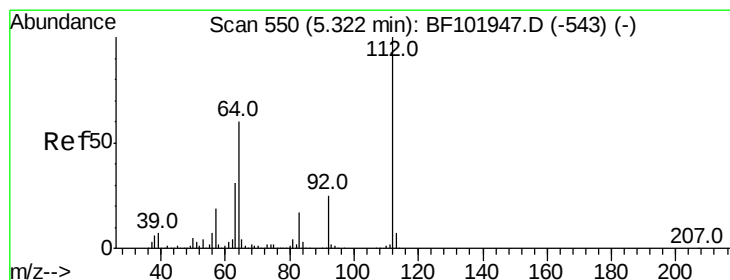
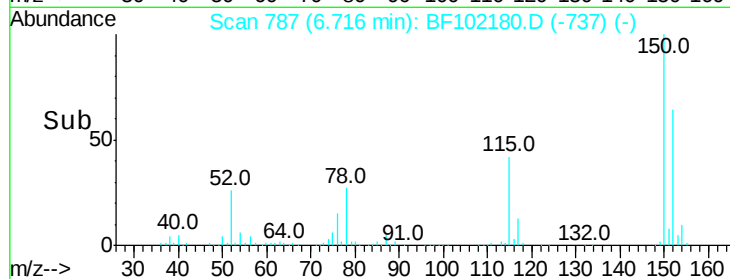
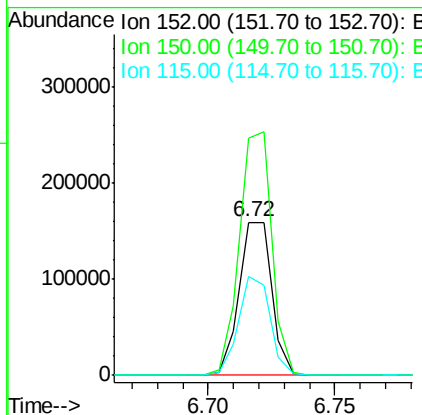
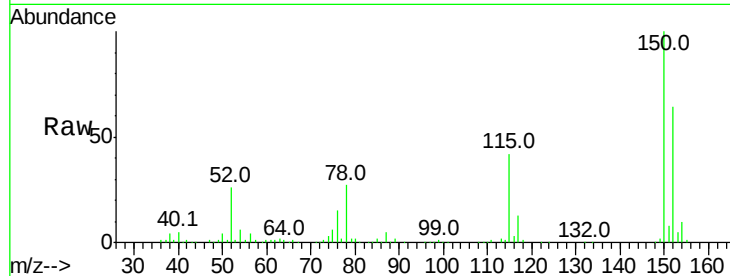


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :
DS-1

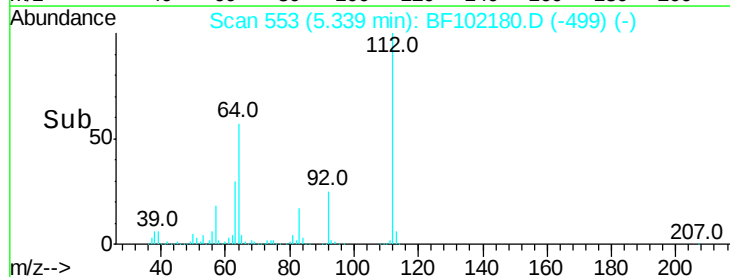
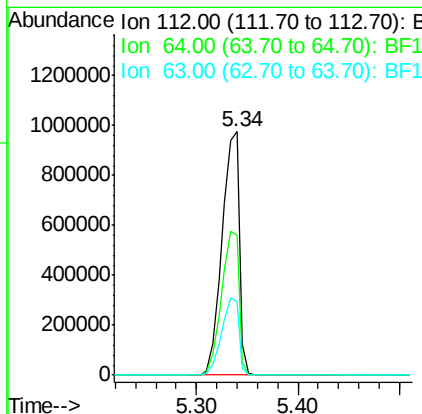
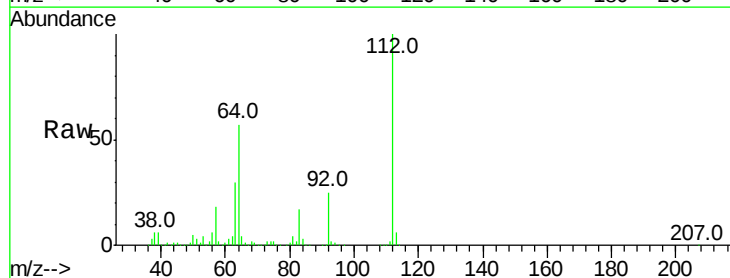
Tot Ion:152 Resp: 142754
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 65.2 50.1 75.1



#5

2-Fluorophenol
Concen: 114.235 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:112 Resp: 1154859
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 111.938 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Instrument :

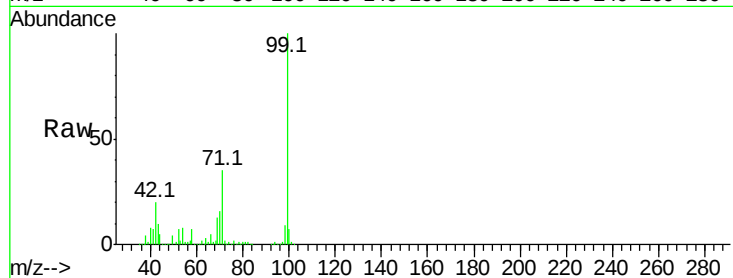
BNA_F

ClientSampleId :

DS-1

Tot Ion: 99 Resp: 1350157

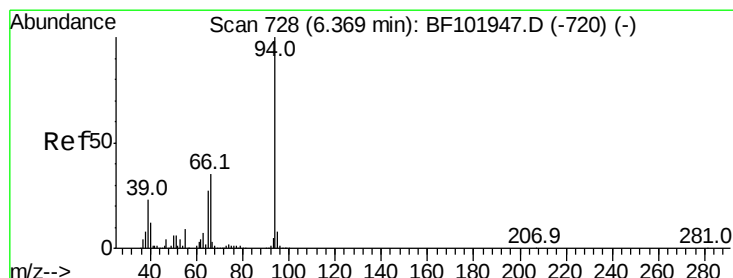
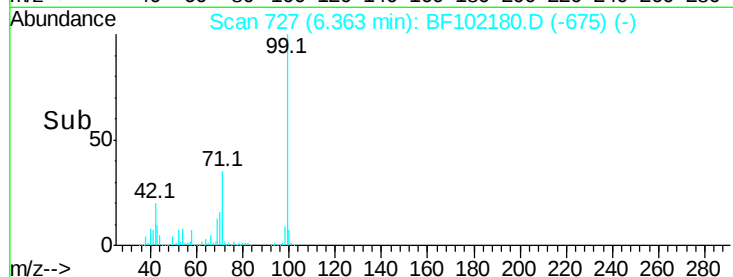
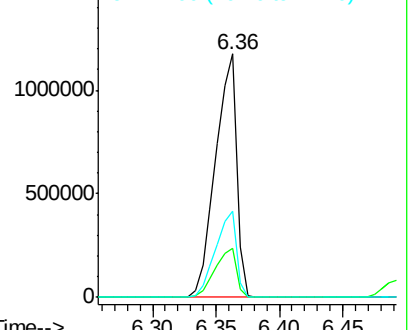
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	35.1	25.4	38.0



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: 4.630 ng

RT: 6.37 min Scan# 728

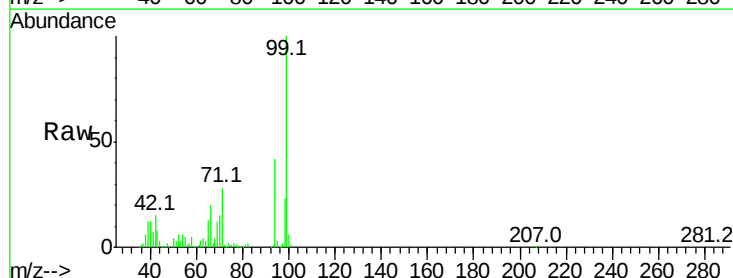
Delta R.T. -0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Tgt Ion: 94 Resp: 63105

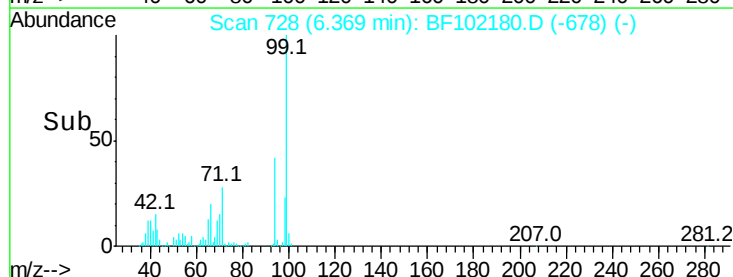
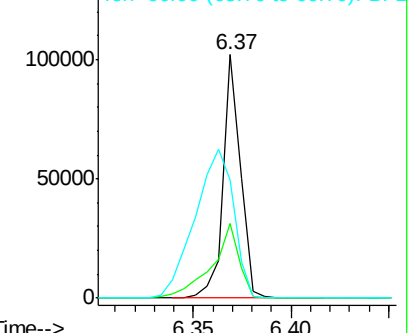
Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	48.5	16.2	56.2

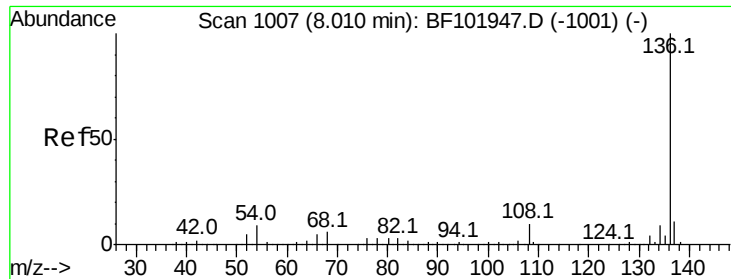


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

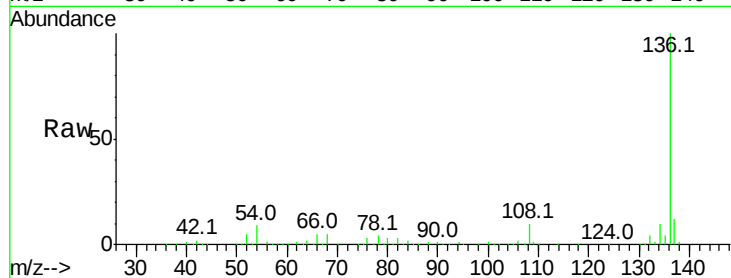




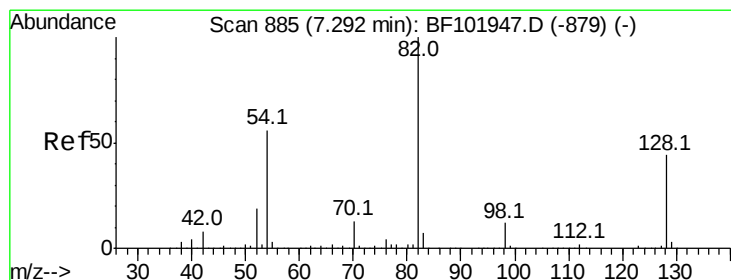
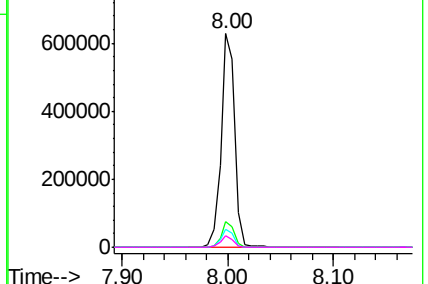
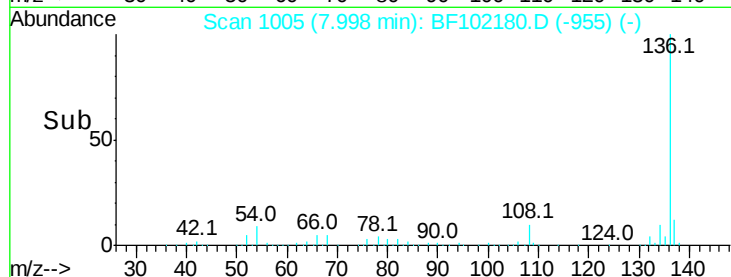
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleID :
DS-1

Tot Ion:	136	Resp:	569919
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	8.7	6.6	9.8
68	5.5	5.0	7.4

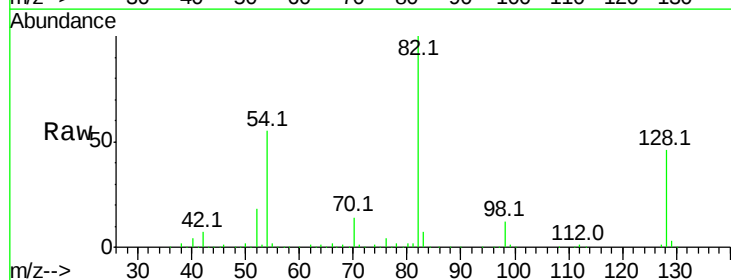


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

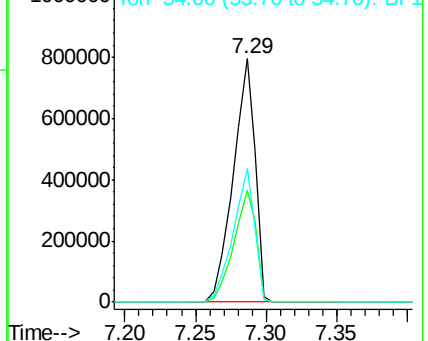
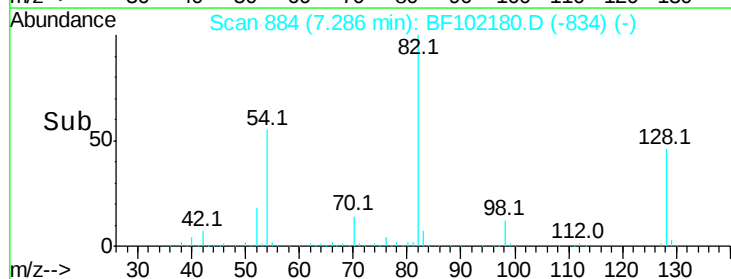


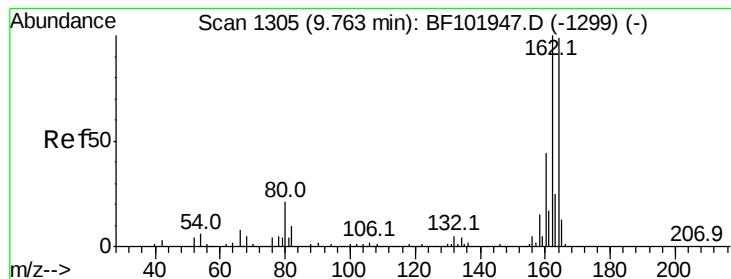
#23
Nitrobenzene-d5
Concen: 88.330 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:	82	Resp:	856666
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	55.1	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Instrument :

BNA_F

ClientSampleId :

DS-1

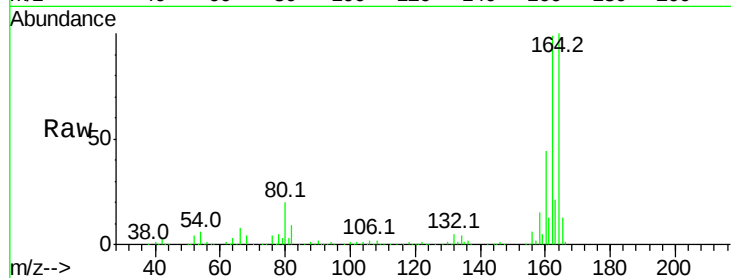
Tot Ion:164 Resp: 249080

Ion Ratio Lower Upper

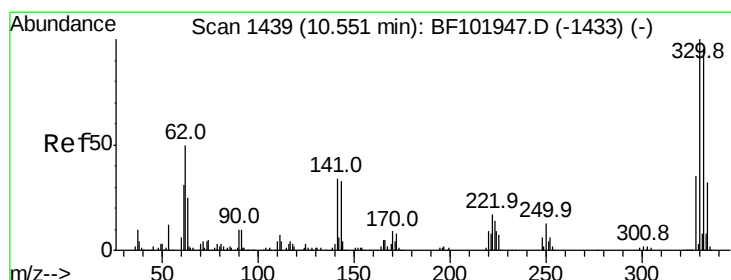
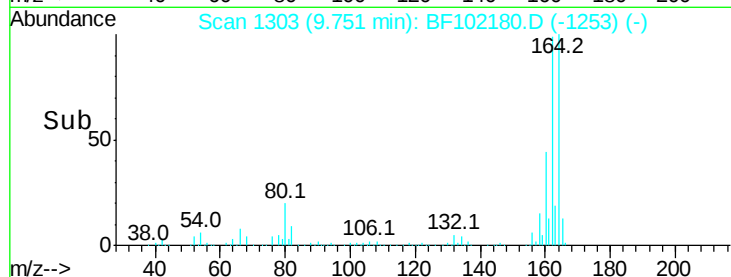
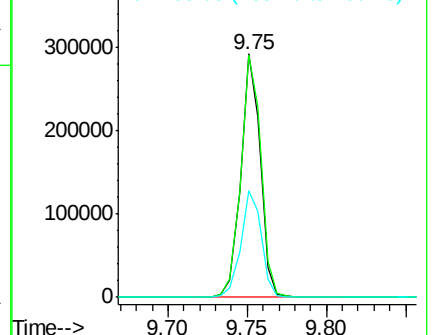
164 100

162 99.4 86.1 129.1

160 43.6 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: 120.005 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

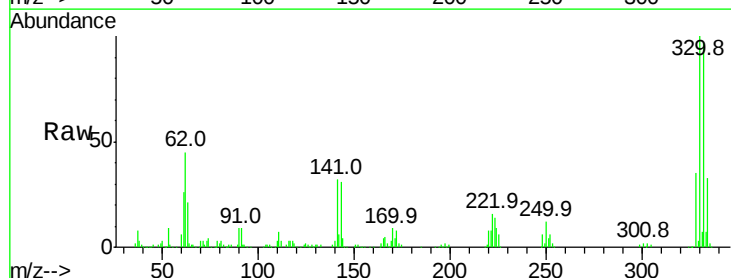
Tgt Ion:330 Resp: 260854

Ion Ratio Lower Upper

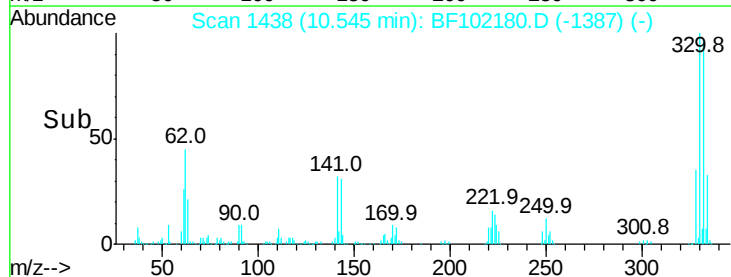
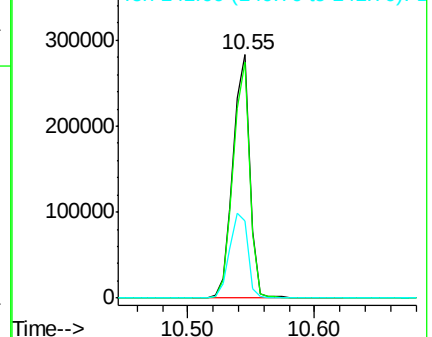
330 100

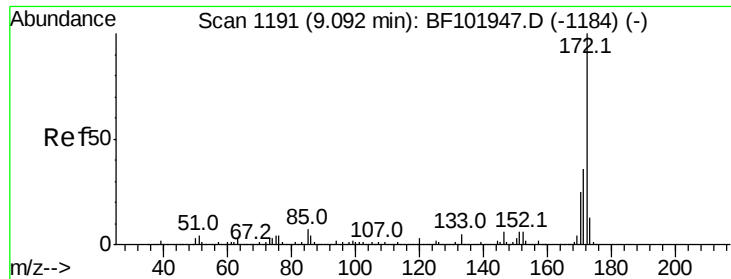
332 95.7 77.0 115.6

141 38.0 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

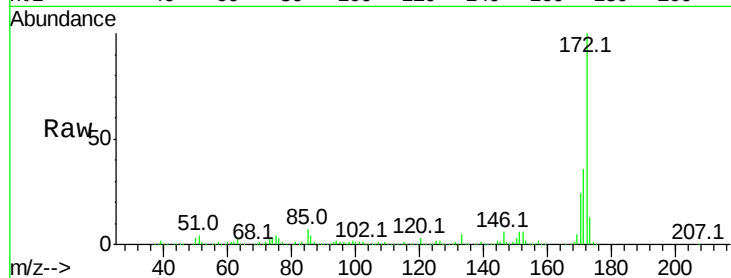




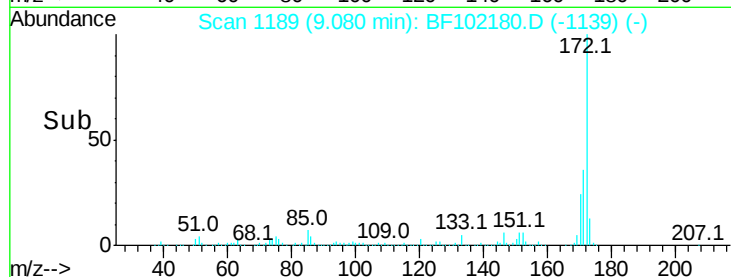
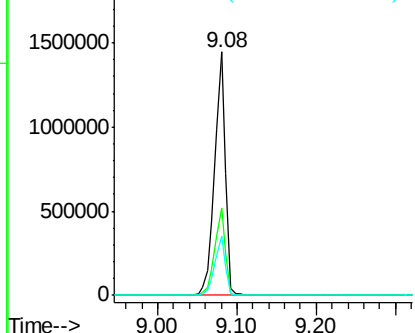
#44
2-Fluorobiphenyl
Concen: 85.993 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :
DS-1

Tot Ion:172 Resp: 1371026
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 19.6 29.4

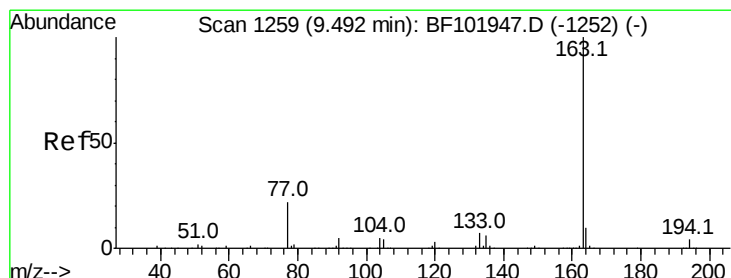


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

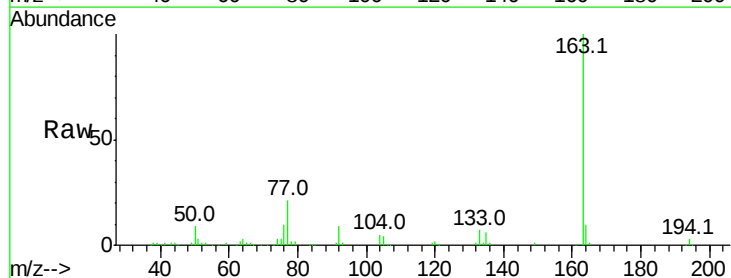
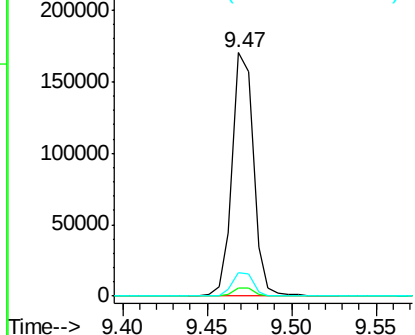


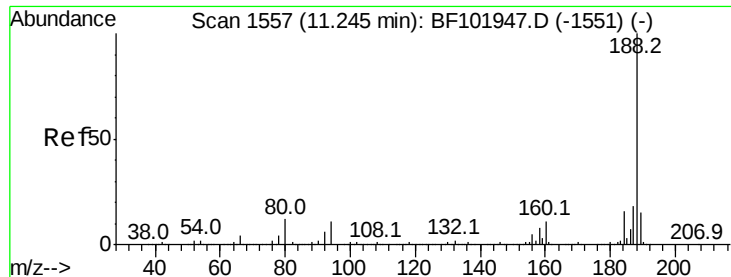
#49
Dimethylphthalate
Concen: 7.497 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:163 Resp: 149792
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 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

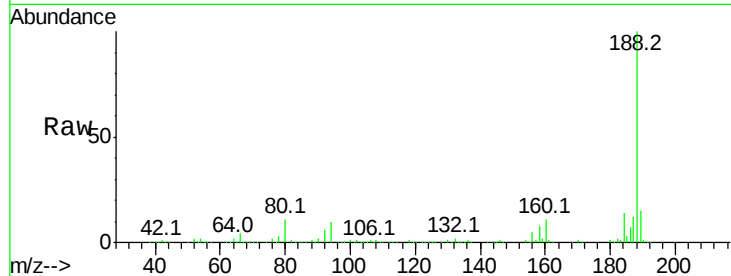




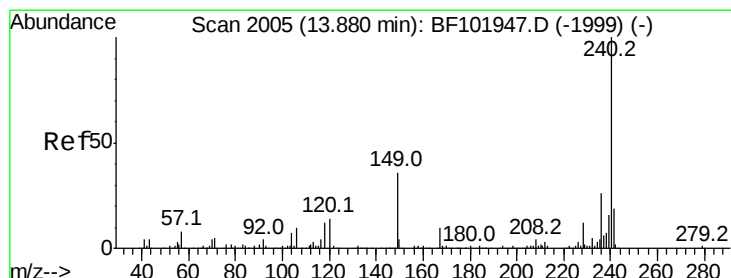
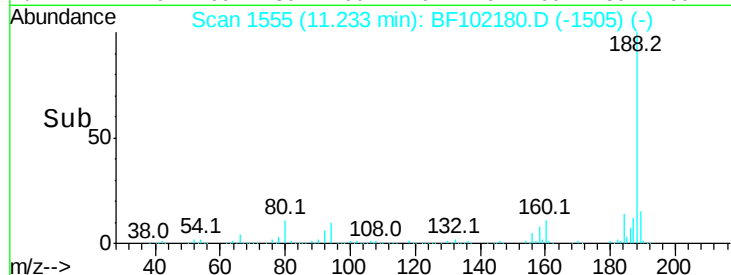
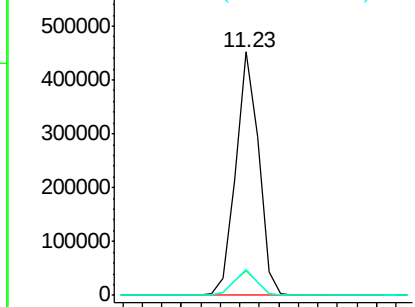
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :
DS-1

Tot Ion:188 Resp: 369014
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8

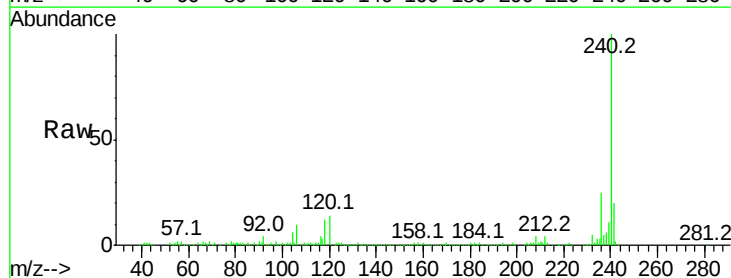


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

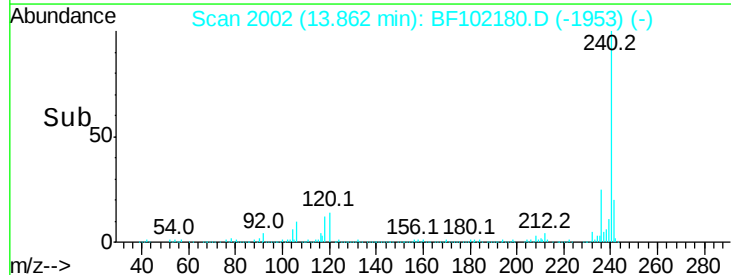
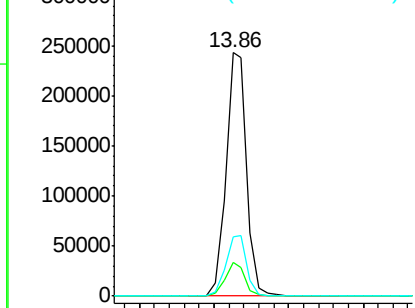


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:240 Resp: 236727
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 24.5 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: 76.916 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Instrument :

BNA_F

ClientSampleId :

DS-1

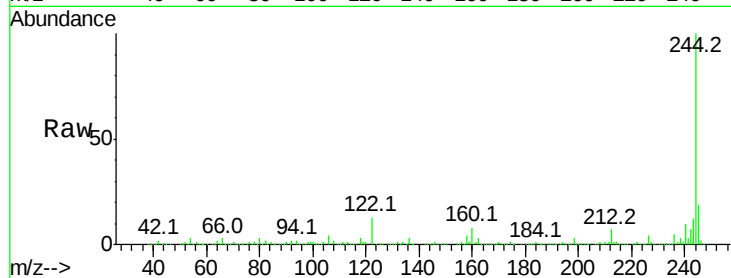
Tot Ion:244 Resp: 876963

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

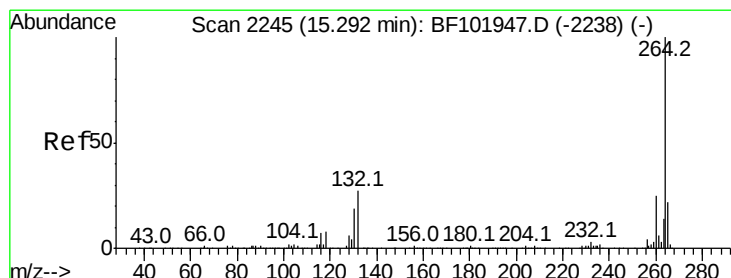
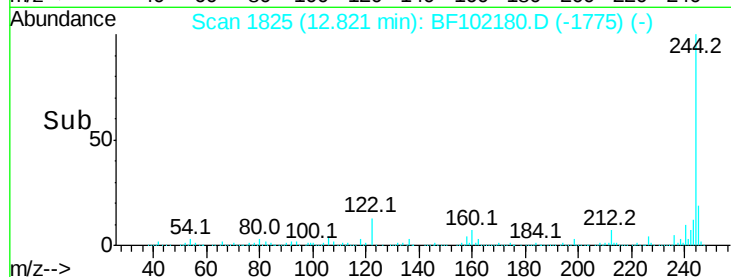
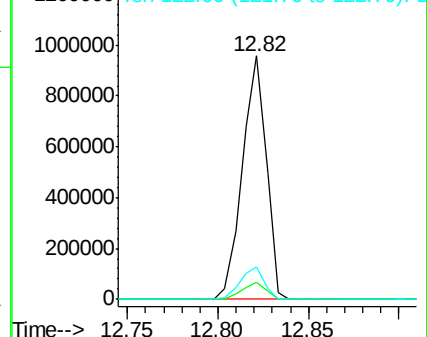
122 13.3 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

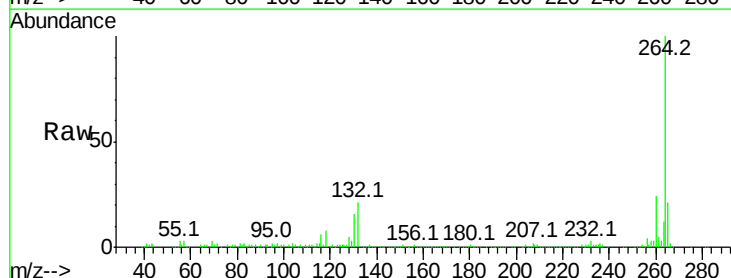
Tgt Ion:264 Resp: 234157

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

