

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102285.D
 Acq On : 21 Jan 2018 2:10
 Operator : SJ/JU
 Sample : J1230-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-1-6

Quant Time: Jan 22 04:14:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

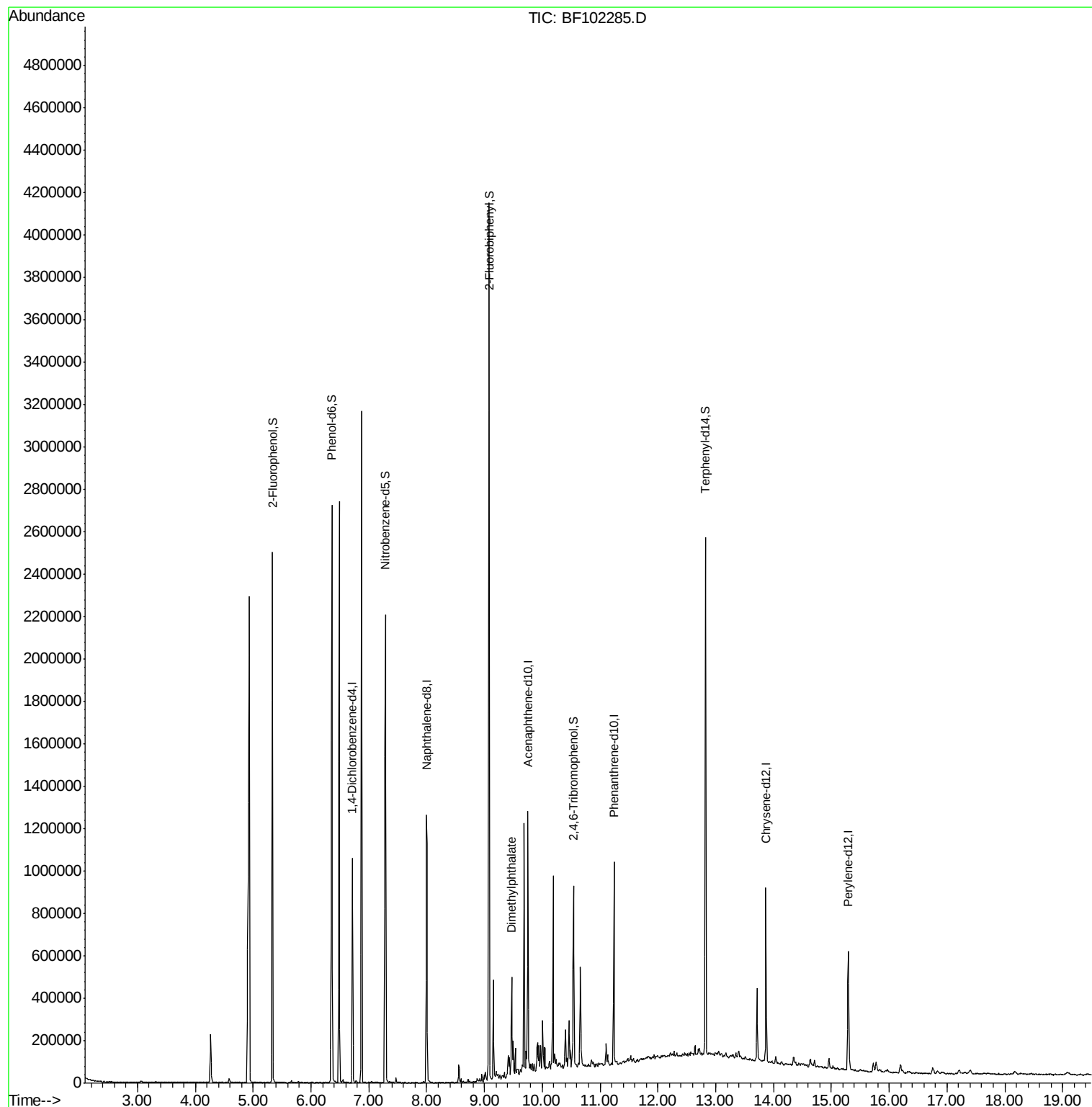
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151089	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	597108	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	242292	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	342206	20.00	ng	0.00
75) Chrysene-d12	13.87	240	276155	20.00	ng	0.00
86) Perylene-d12	15.29	264	225789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	687786	64.28	ng	0.00
7) Phenol-d6	6.36	99	1027876	80.52	ng	0.00
23) Nitrobenzene-d5	7.29	82	768152	75.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	90722	42.91	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1292869	83.36	ng	0.00
78) Terphenyl-d14	12.82	244	887593	66.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	129587	6.67	ng	Qvalue 99

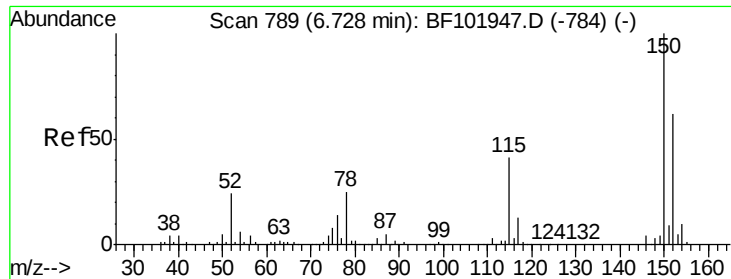
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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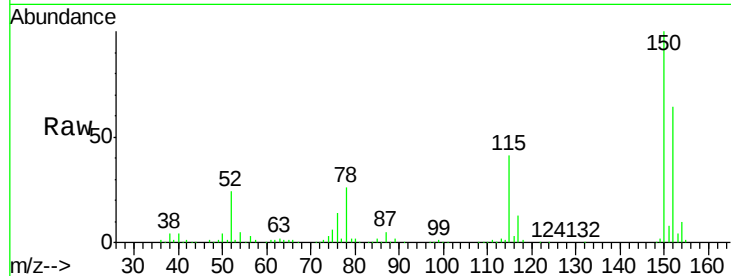


#1

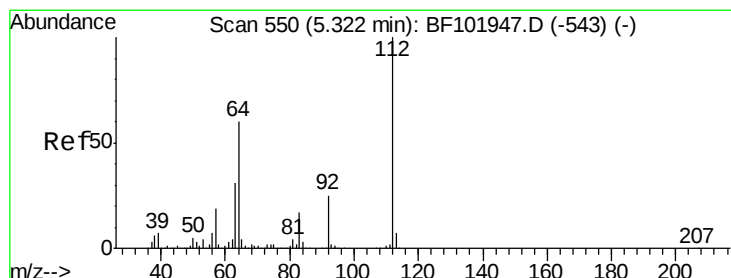
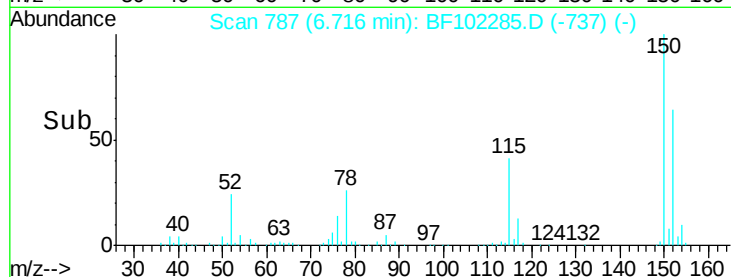
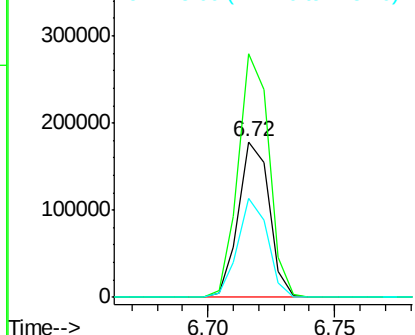
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Instrument :
BNA_F
ClientSampleId :
CO-1-6

Tot Ion:152 Resp: 151089
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 63.7 50.1 75.1



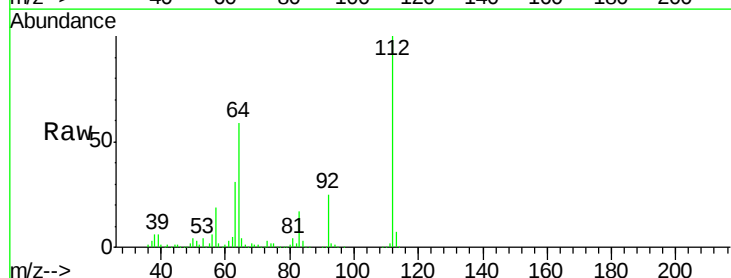
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



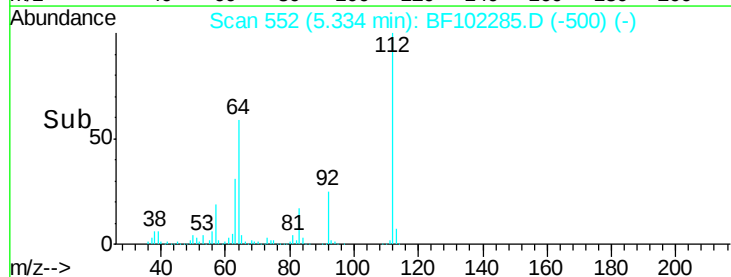
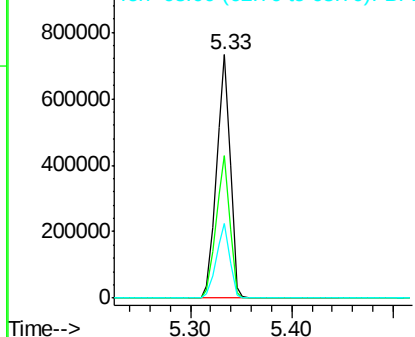
#5

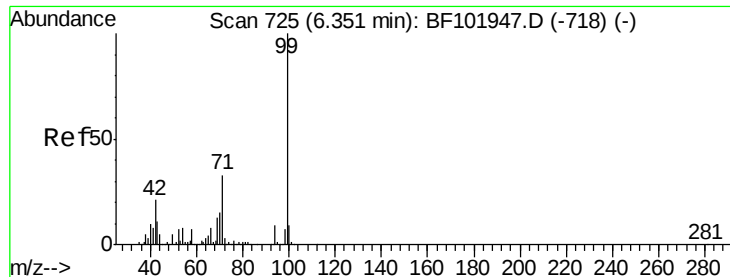
2-Fluorophenol
Concen: 64.28 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Tgt Ion:112 Resp: 687786
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.7 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: 80.52 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampleId :

CO-1-6

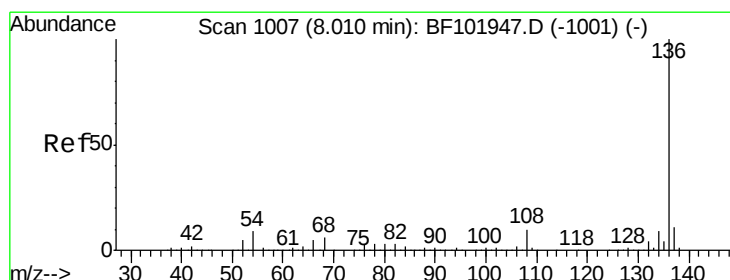
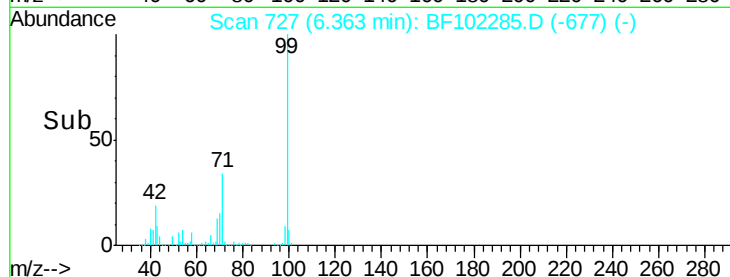
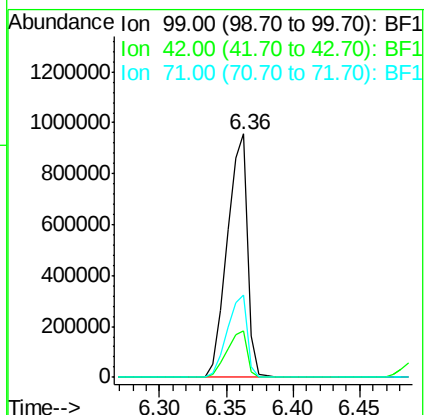
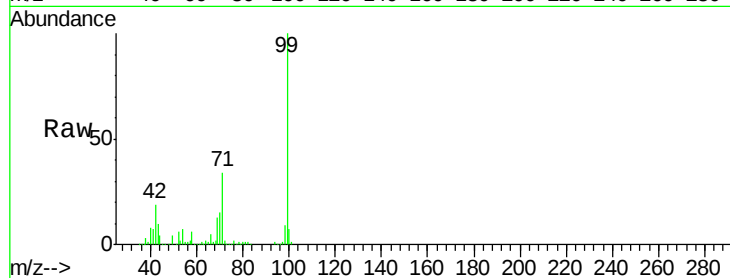
Tot Ion: 99 Resp: 1027876

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 34.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Tgt Ion: 136 Resp: 597108

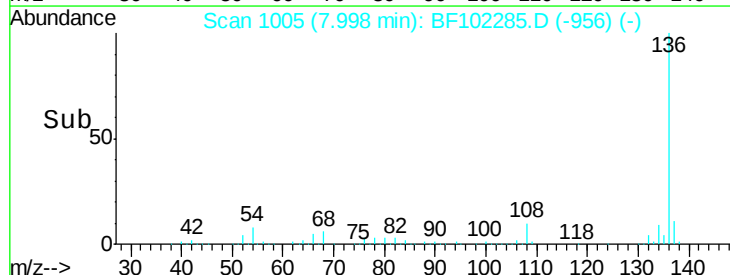
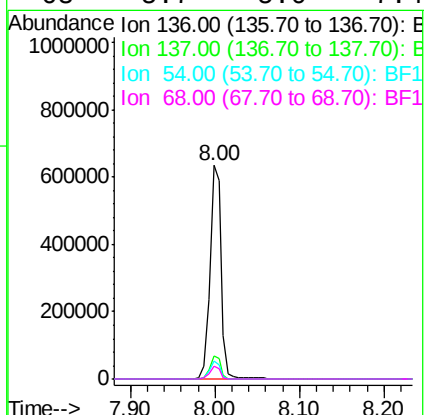
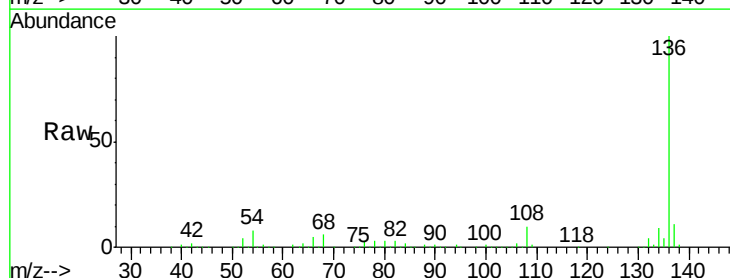
Ion Ratio Lower Upper

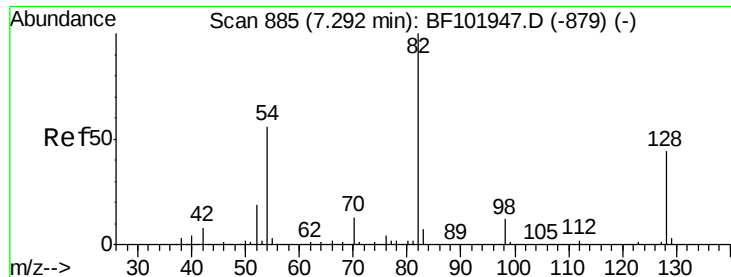
136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 5.7 5.0 7.4

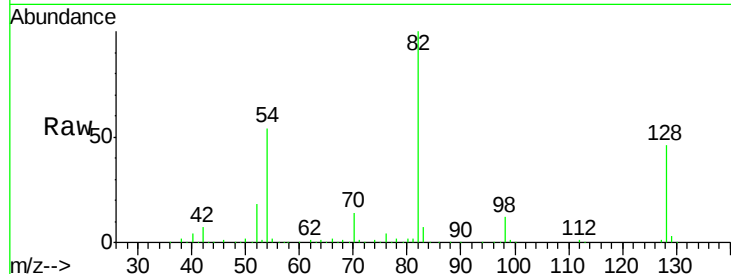




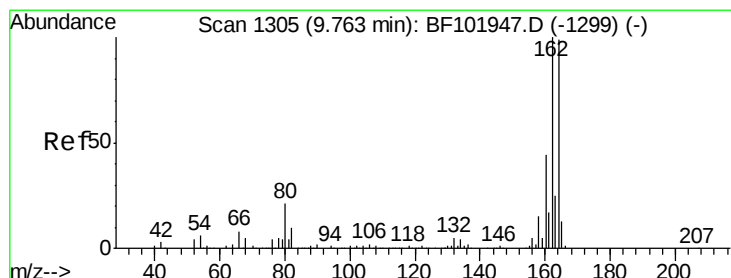
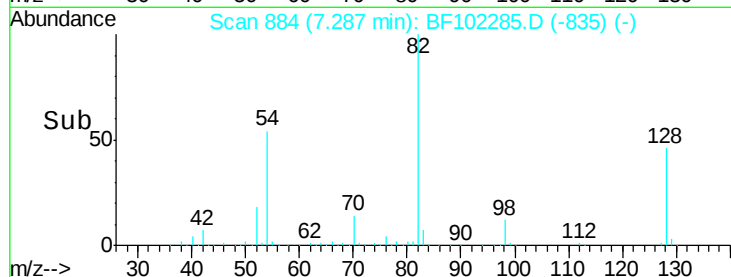
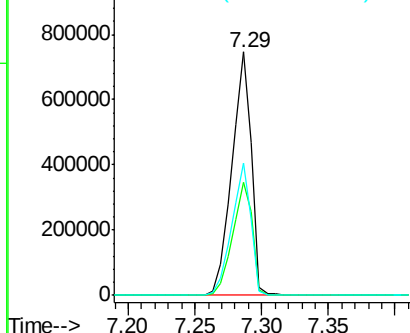
#23
 Nitrobenzene-d5
 Concen: 75.60 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102285.D
 Acq: 21 Jan 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 CO-1-6

Tot Ion	82	Resp	768152
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.1	54.1
54	54.1	41.4	62.2

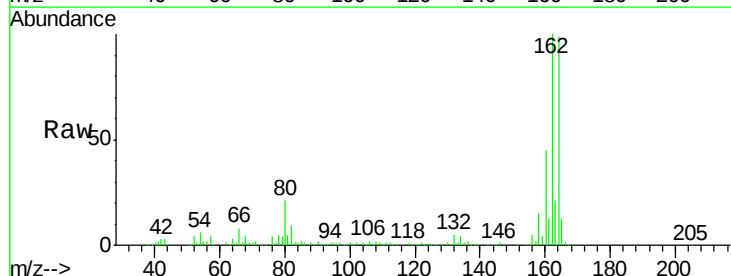


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

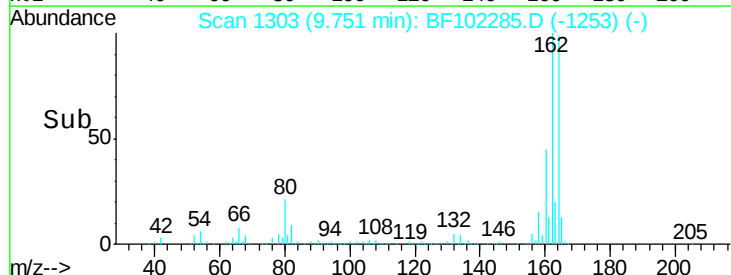
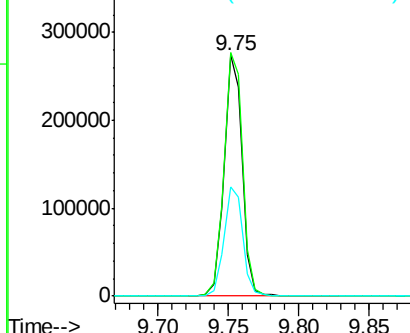


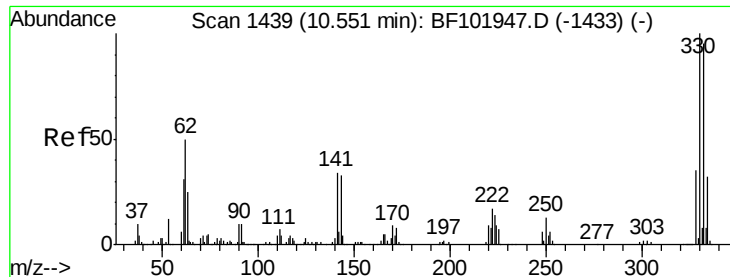
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102285.D
 Acq: 21 Jan 2018 2:10

Tgt Ion	164	Resp	242292
Ion Ratio	Lower	Upper	
164	100		
162	101.1	86.1	129.1
160	45.3	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

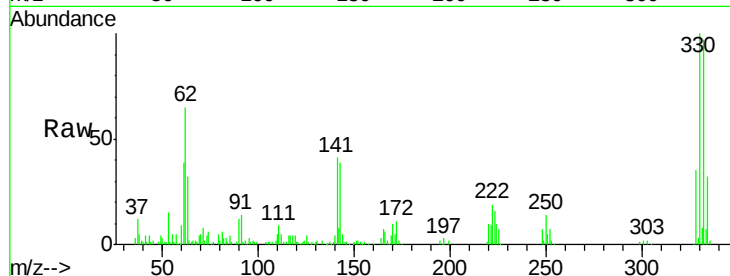




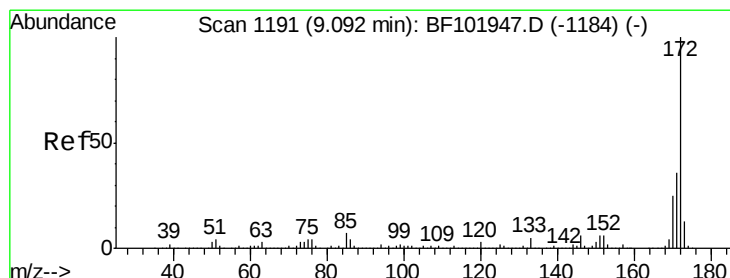
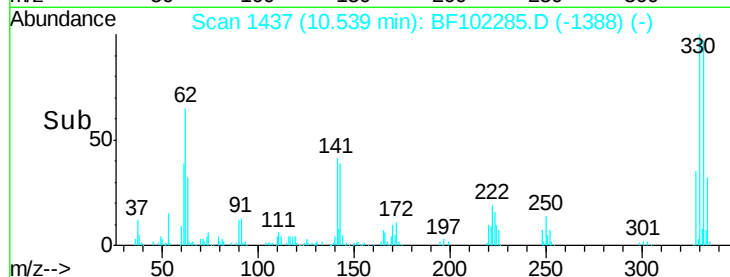
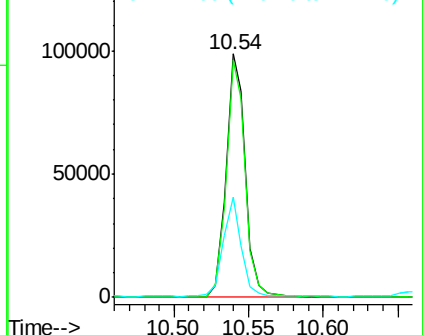
#41
 2,4,6-Tribromophenol
 Concen: 42.91 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102285.D
 Acq: 21 Jan 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 CO-1-6

Tot Ion:330 Resp: 90722
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.5 29.9 44.9

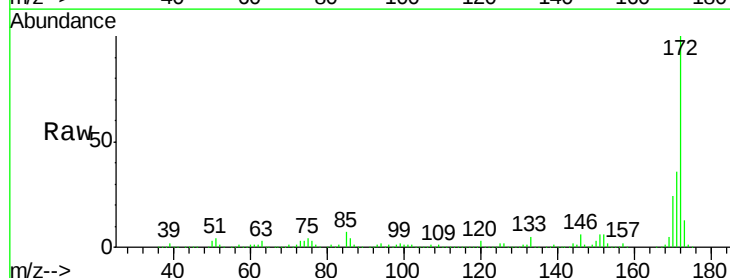


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

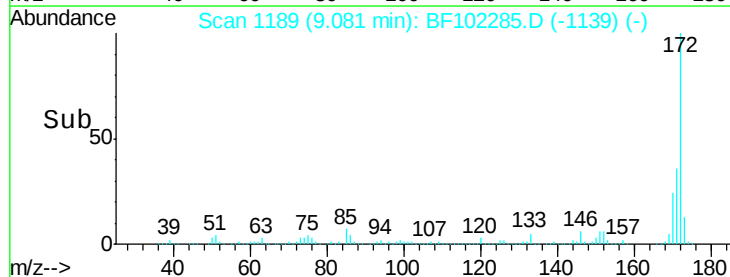
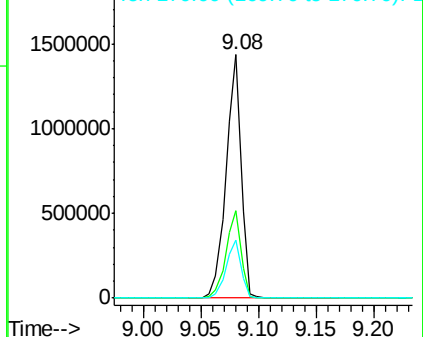


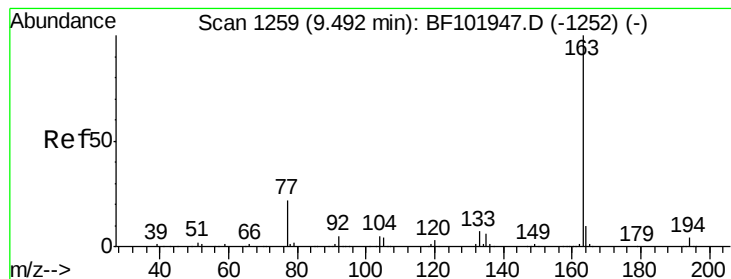
#44
 2-Fluorobiphenyl
 Concen: 83.36 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102285.D
 Acq: 21 Jan 2018 2:10

Tgt Ion:172 Resp: 1292869
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 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: 6.67 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampleId :

CO-1-6

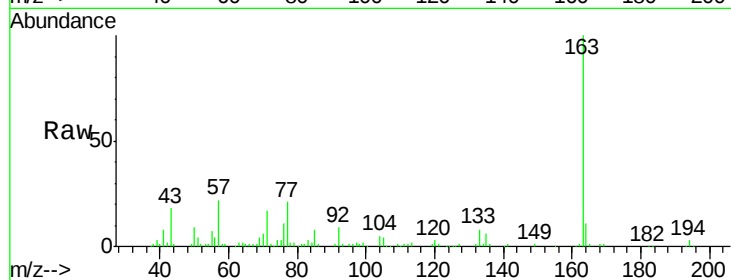
Tot Ion:163 Resp: 129587

Ion Ratio Lower Upper

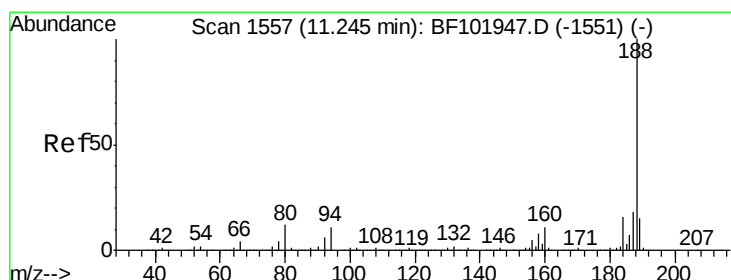
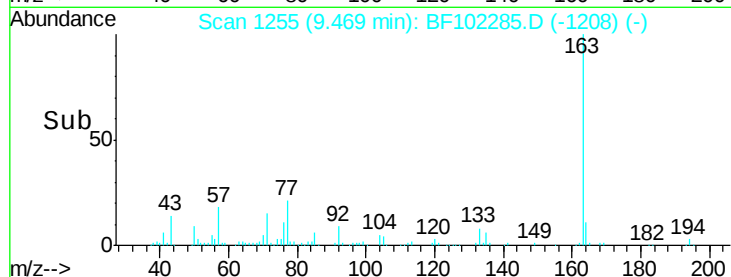
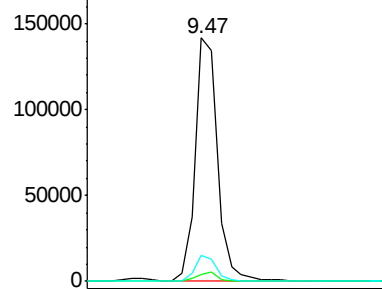
163 100

194 3.1 2.7 4.1

164 10.5 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: 20.00 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

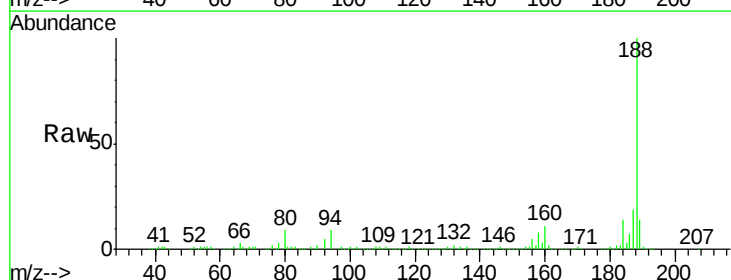
Tgt Ion:188 Resp: 342206

Ion Ratio Lower Upper

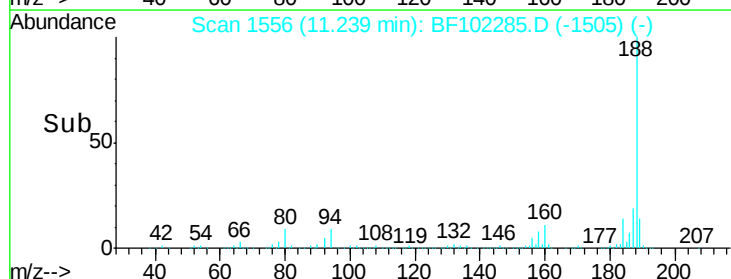
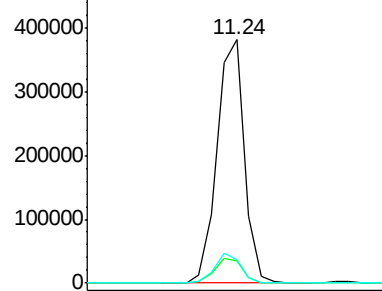
188 100

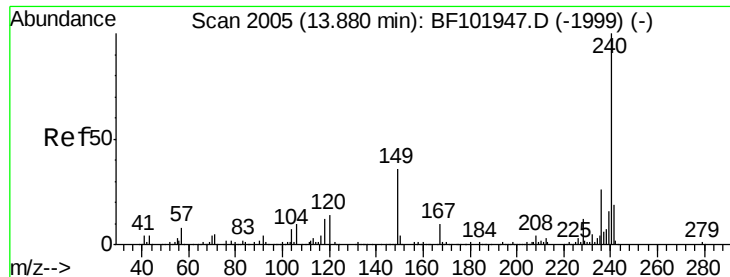
94 8.9 8.5 12.7

80 9.4 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: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampleId :

CO-1-6

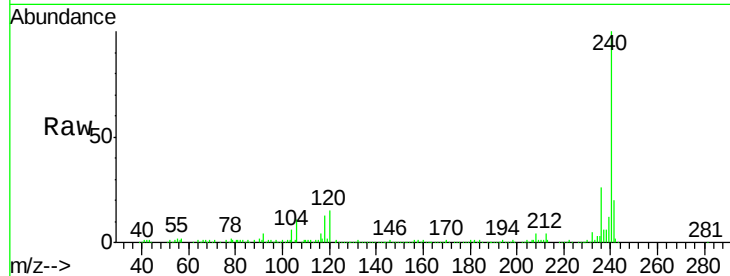
Tot Ion:240 Resp: 276155

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

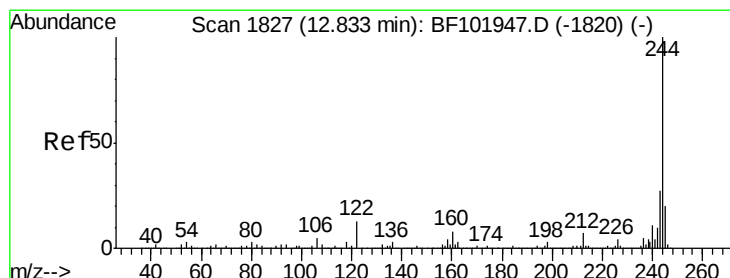
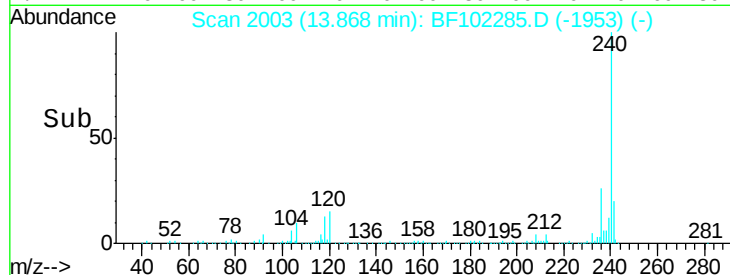
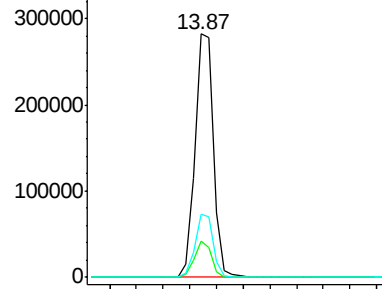
236 25.8 20.7 31.1



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: 66.73 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

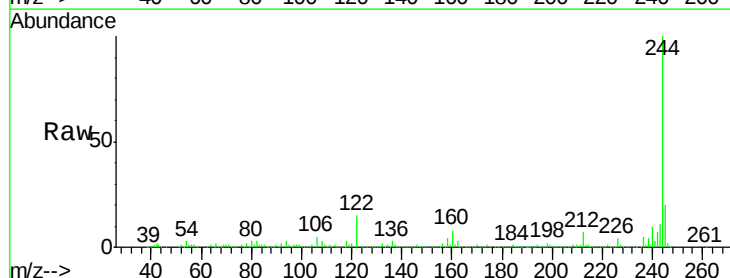
Tgt Ion:244 Resp: 887593

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

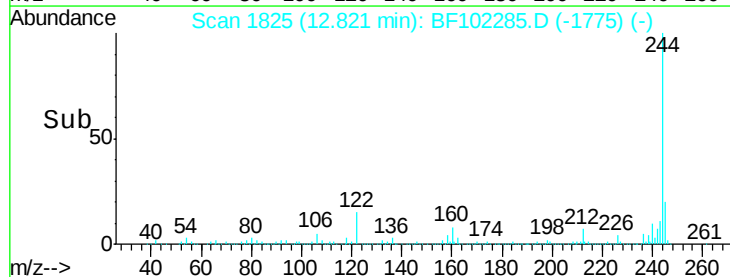
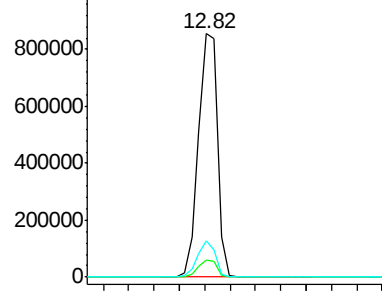
122 14.8 11.0 16.4

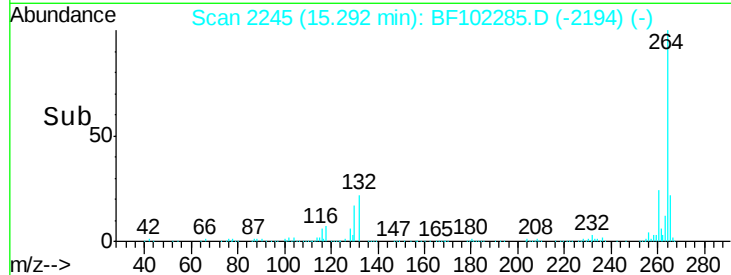
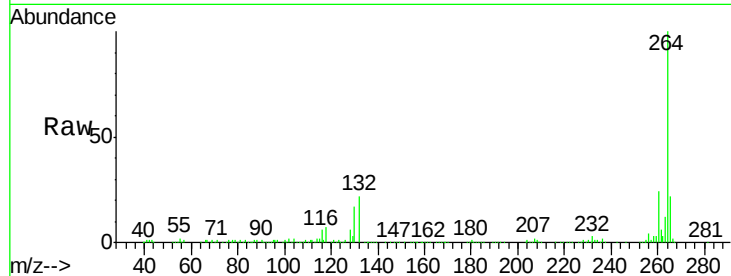
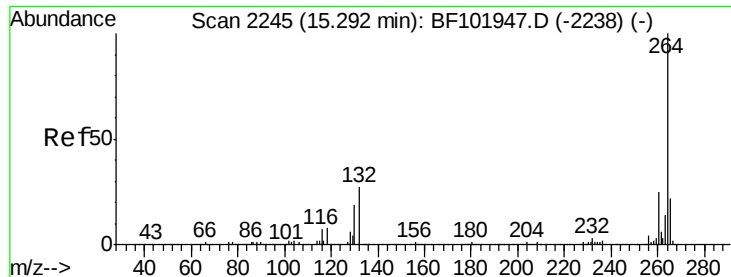


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102285.D
 Acq: 21 Jan 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 CO-1-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

