

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102205.D
 Acq On : 18 Jan 2018 21:27
 Operator : SJ/JU
 Sample : J1168-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-10.5-11.0-DUP

Quant Time: Jan 19 02:25:18 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

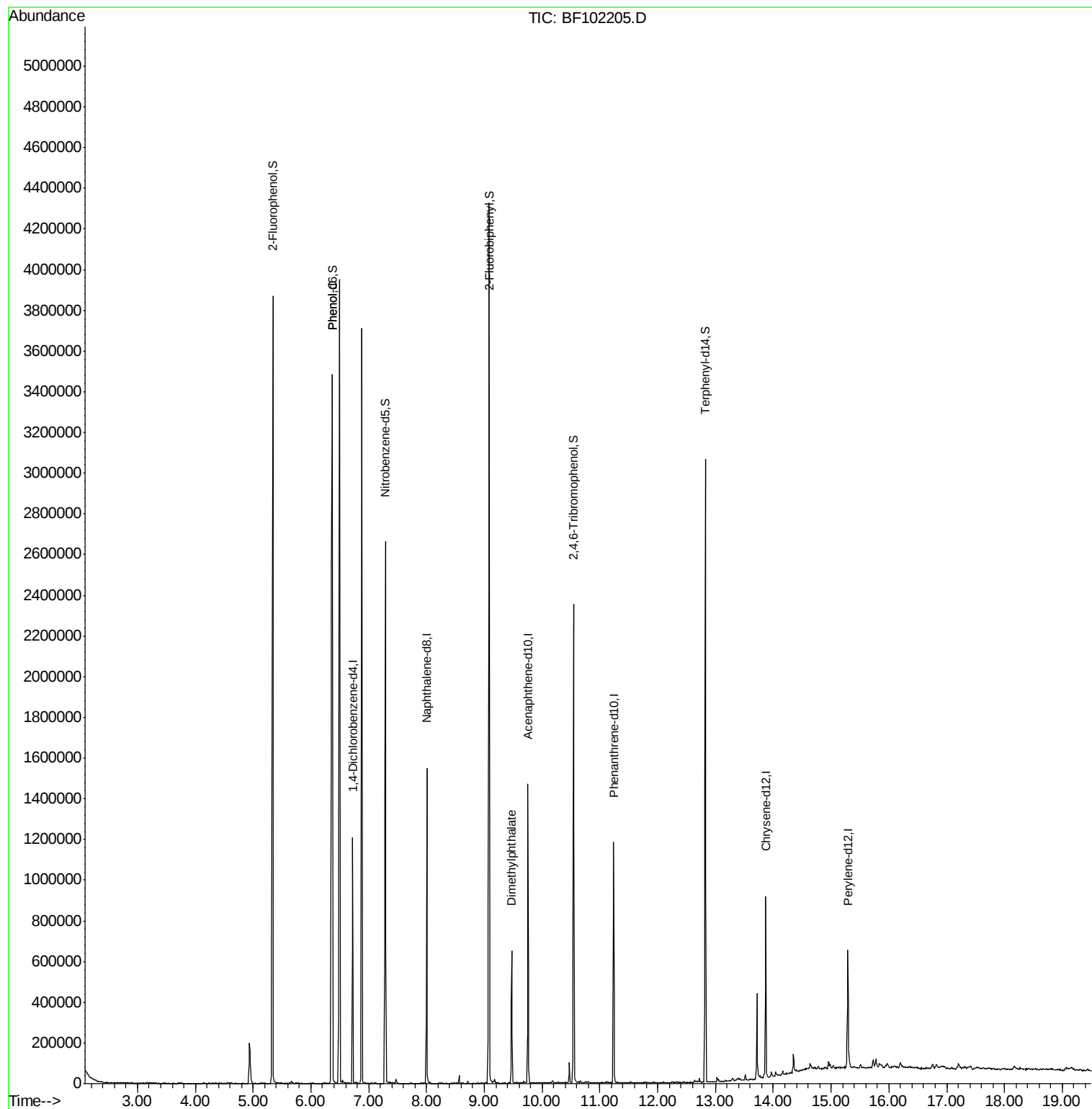
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158078	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	628615	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	261573	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	382197	20.00	ng	0.00
75) Chrysene-d12	13.87	240	278465	20.00	ng	0.00
86) Perylene-d12	15.29	264	248874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1254242	112.04	ng	0.02
7) Phenol-d6	6.37	99	1500343	112.33	ng	0.01
23) Nitrobenzene-d5	7.29	82	920850	86.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	266775	116.87	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1567769	93.64	ng	0.00
78) Terphenyl-d14	12.83	244	1077892	80.37	ng	0.00
Target Compounds						
10) Phenol	6.37	94	67444	4.468	ng	94
49) Dimethylphthalate	9.47	163	227403	10.837	ng	99

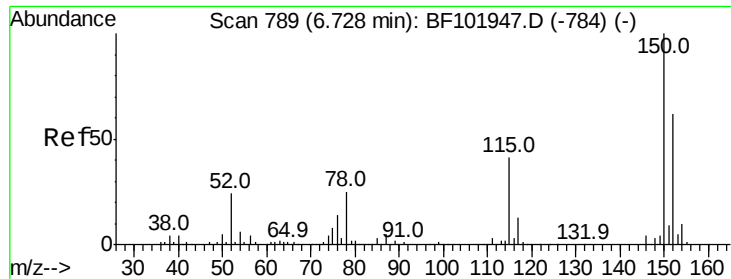
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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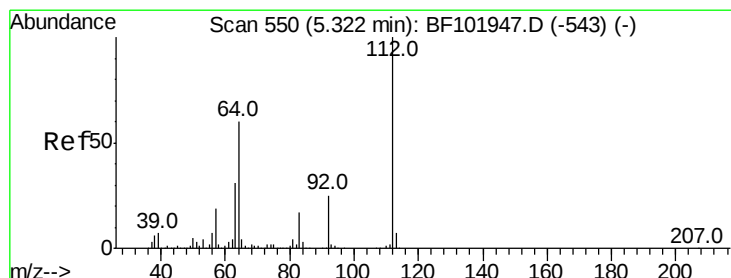
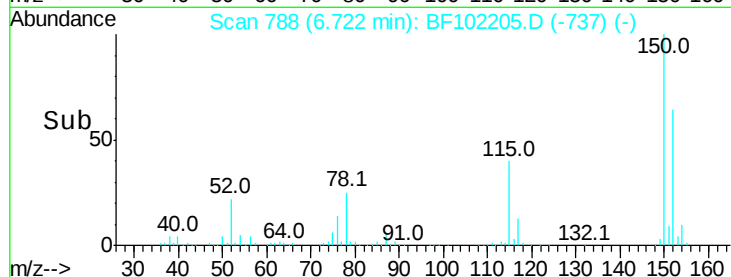
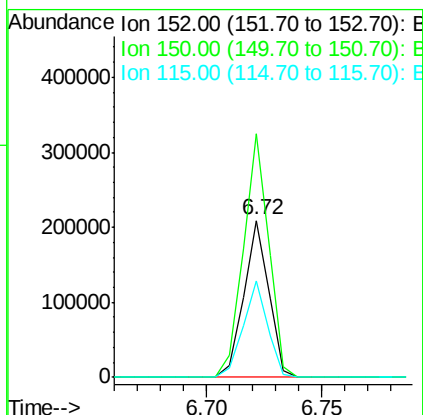
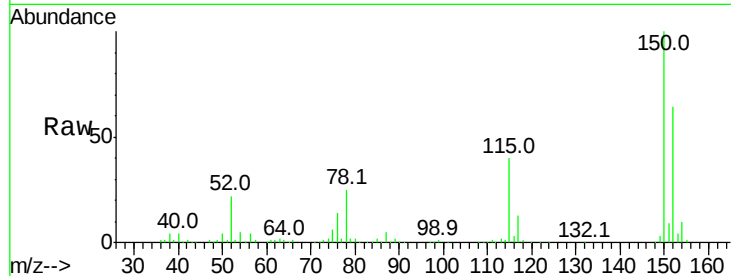


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-57-10.5-11.0-DUP

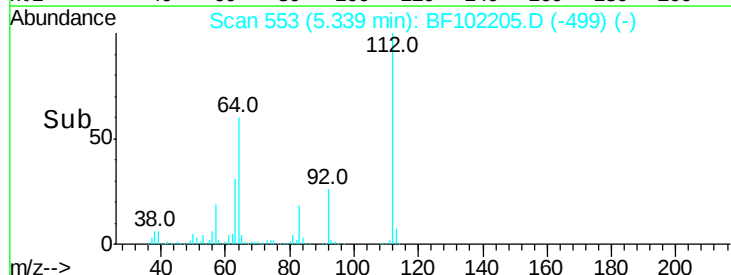
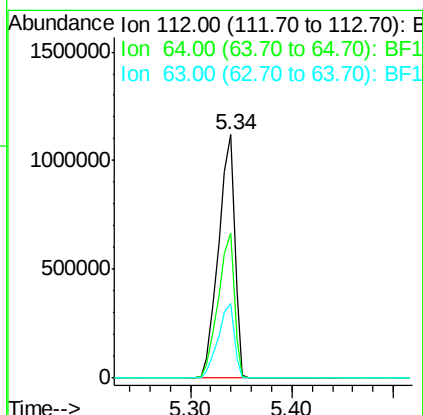
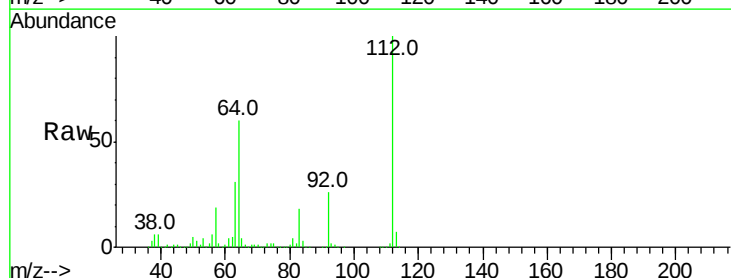
Tot Ion:152 Resp: 158078
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.7 50.1 75.1

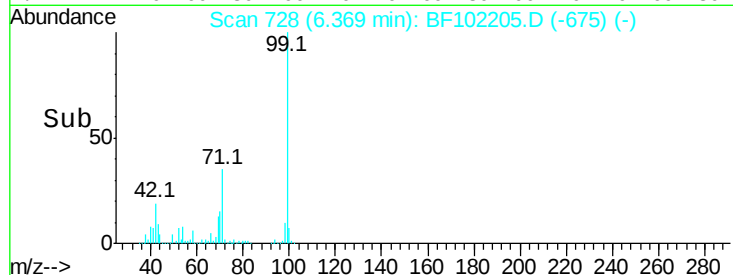
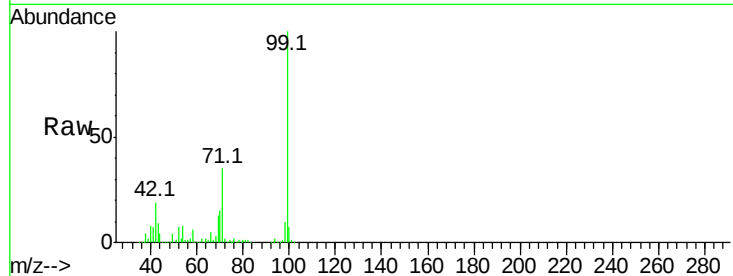
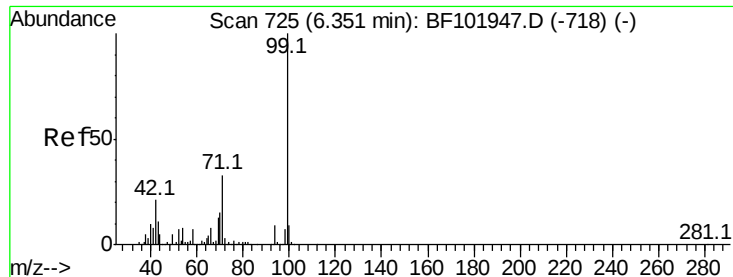


#5

2-Fluorophenol
Concen: 112.039 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:112 Resp: 1254242
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 112.331 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102205.D

Acq: 18 Jan 2018 21:27

Instrument :

BNA_F

ClientSampleId :

SB-57-10.5-11.0-DUP

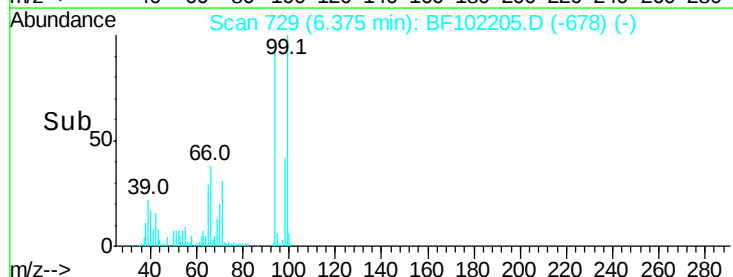
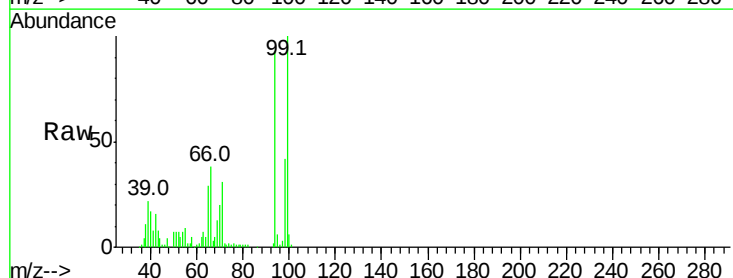
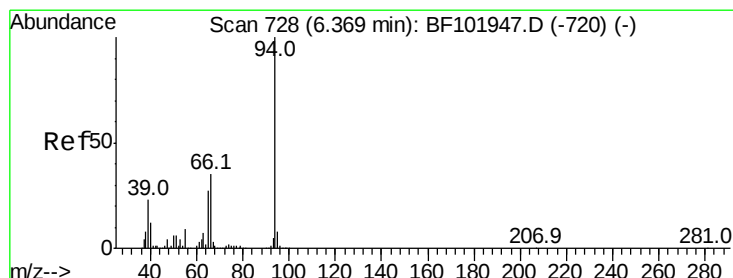
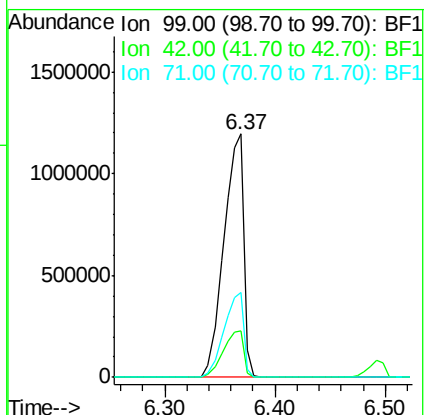
Tot Ion: 99 Resp: 1500343

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 34.8 25.4 38.0



#10

Phenol

Concen: 4.468 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102205.D

Acq: 18 Jan 2018 21:27

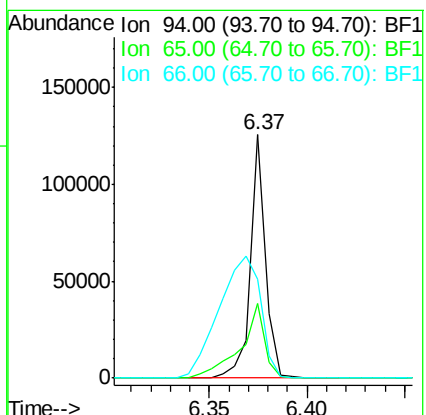
Tgt Ion: 94 Resp: 67444

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

66 40.5 16.2 56.2

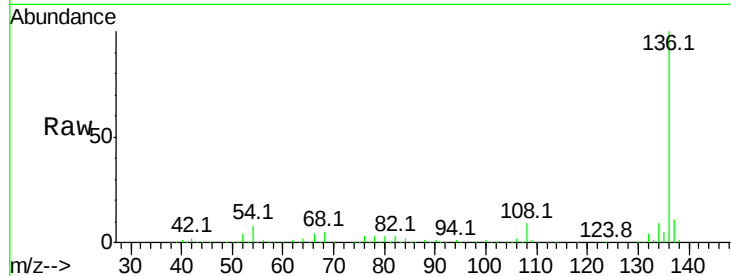




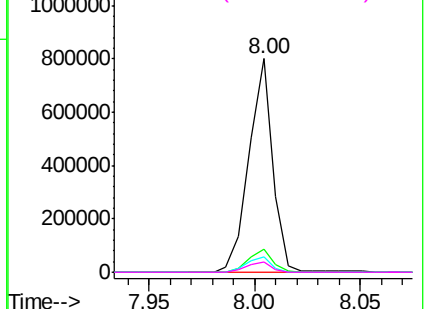
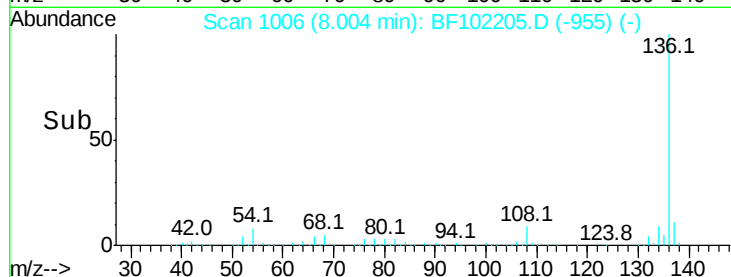
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-57-10.5-11.0-DUP

Tot Ion:	136	Resp:	628615
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	5.1	5.0	7.4

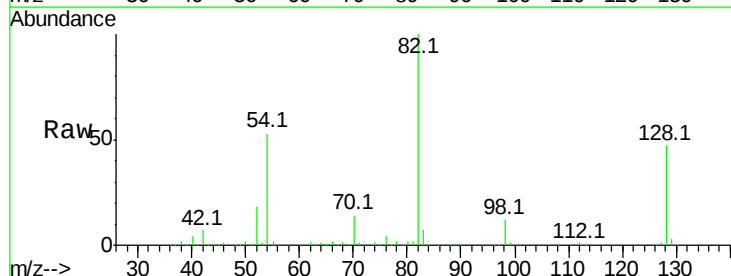


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

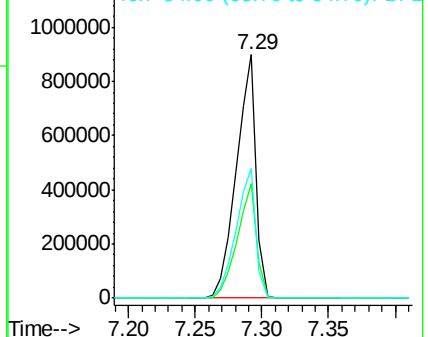
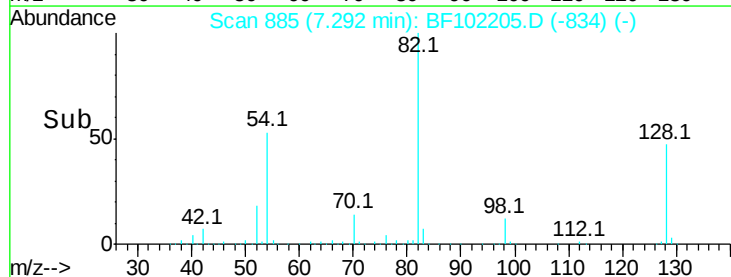


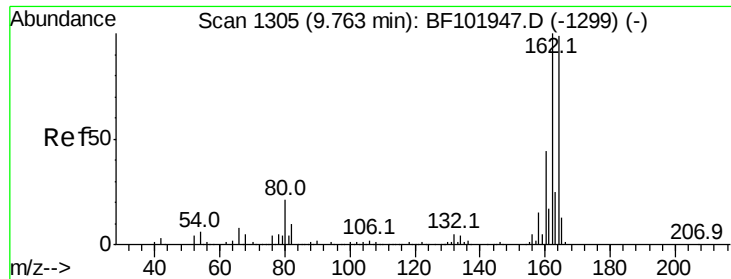
#23
Nitrobenzene-d5
Concen: 86.083 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:	82	Resp:	920850
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	53.4	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

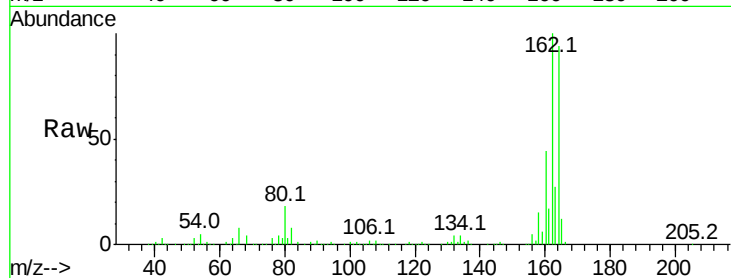




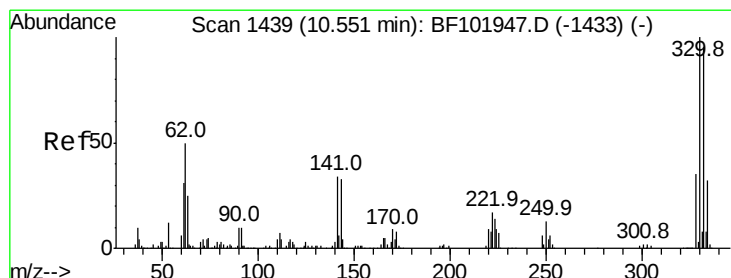
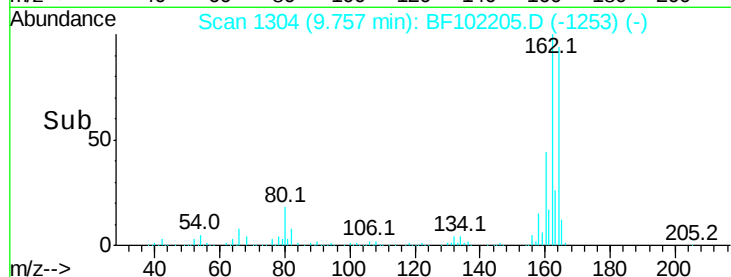
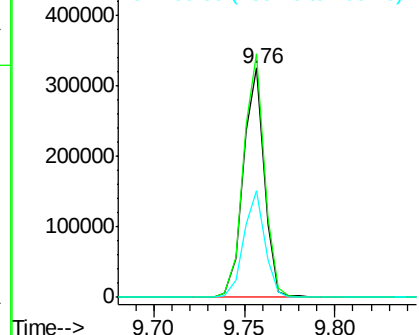
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102205.D
 Acq: 18 Jan 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-10.5-11.0-DUP

Tot Ion:164 Resp: 261573
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 46.5 38.3 57.5

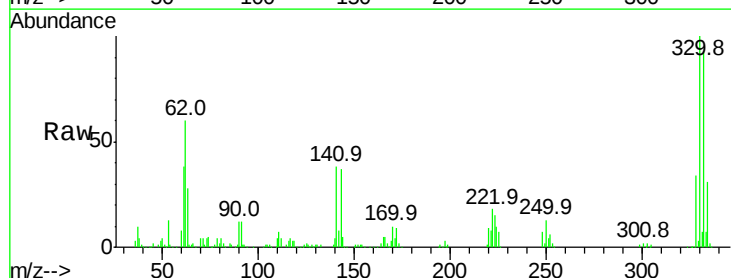


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

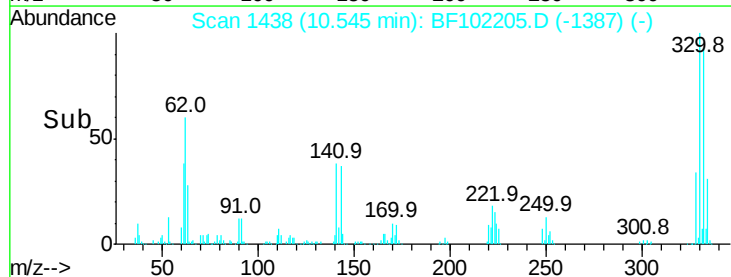
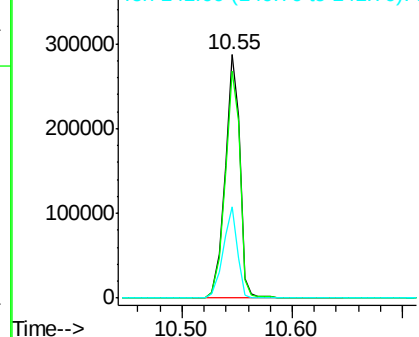


#41
 2,4,6-Tribromophenol
 Concen: 116.867 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102205.D
 Acq: 18 Jan 2018 21:27

Tgt Ion:330 Resp: 266775
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 36.5 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

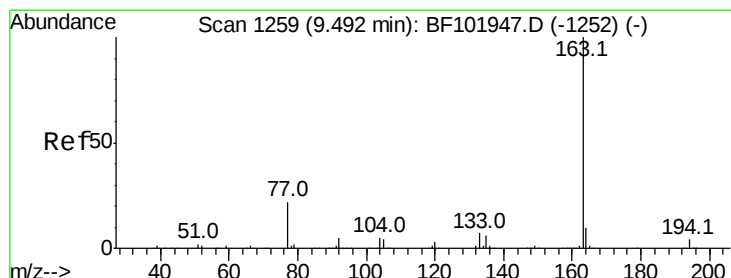
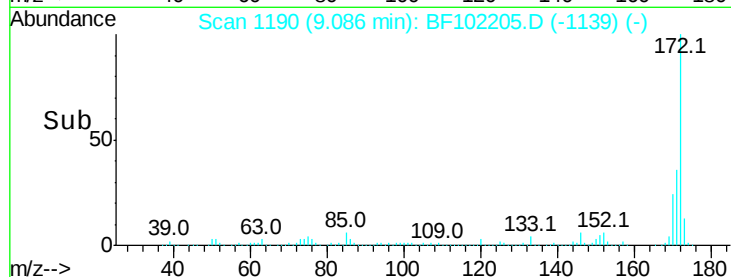
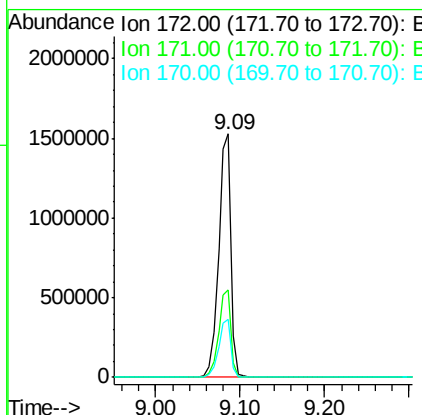
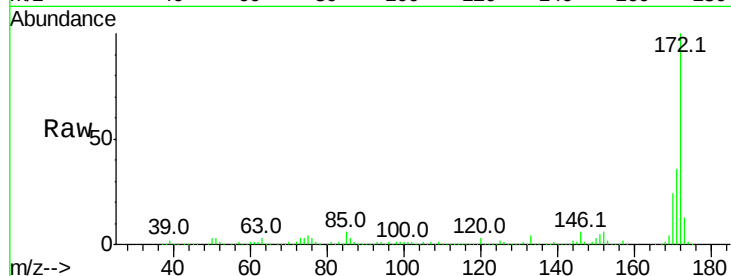




#44
2-Fluorobiphenyl
Concen: 93.637 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

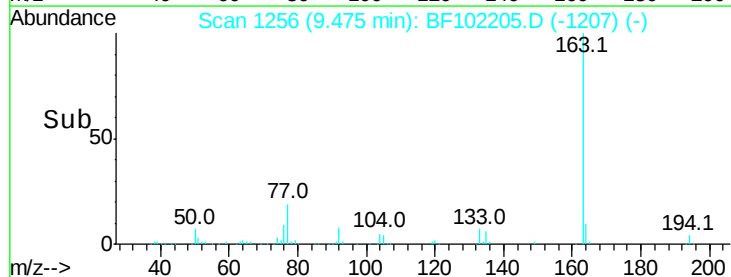
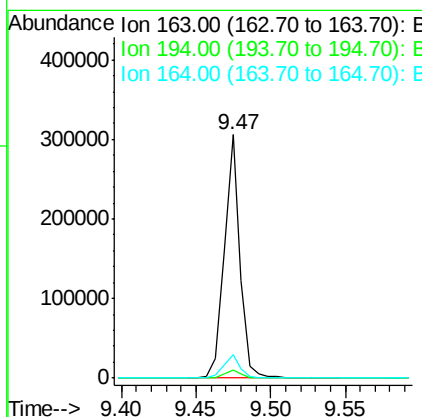
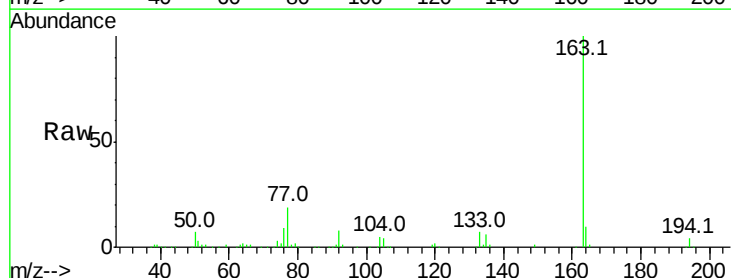
Instrument :
BNA_F
ClientSampleId :
SB-57-10.5-11.0-DUP

Tot Ion:172 Resp: 1567769
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 10.837 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:163 Resp: 227403
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 8.2 12.2

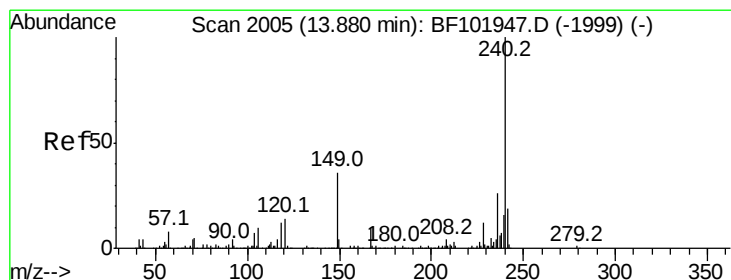
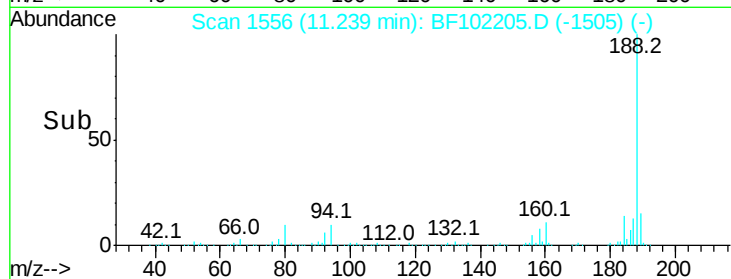
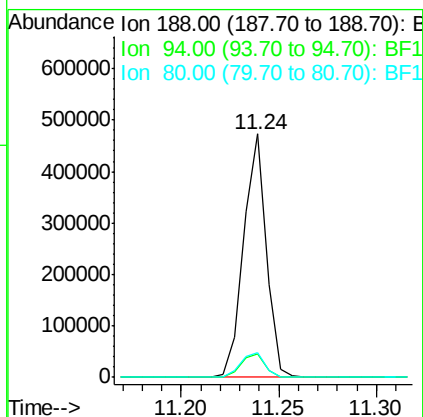
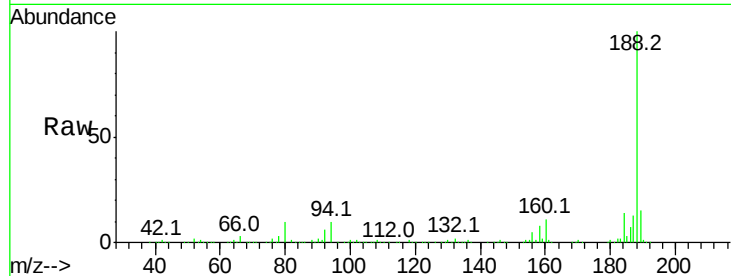




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

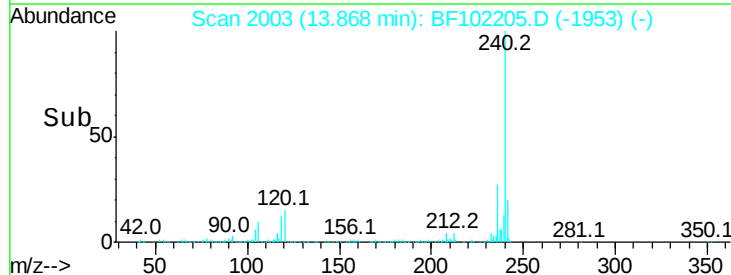
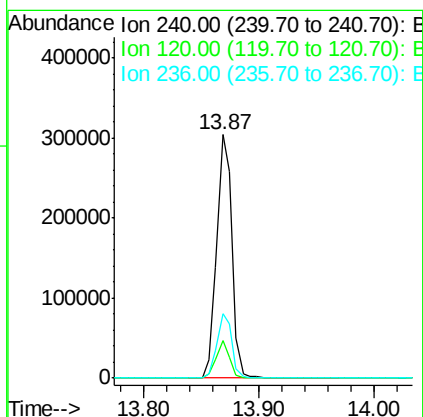
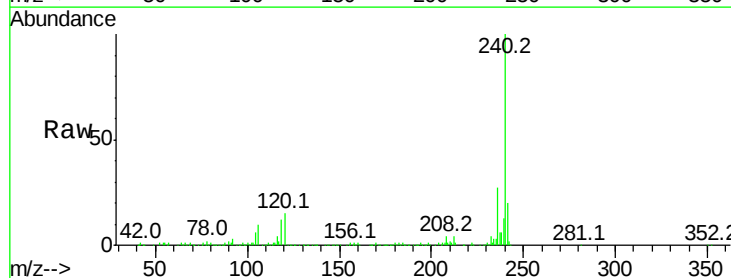
Instrument :
BNA_F
ClientSampleId :
SB-57-10.5-11.0-DUP

Tot Ion:188 Resp: 382197
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:240 Resp: 278465
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 80.369 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102205.D

Acq: 18 Jan 2018 21:27

Instrument :

BNA_F

ClientSampleId :

SB-57-10.5-11.0-DUP

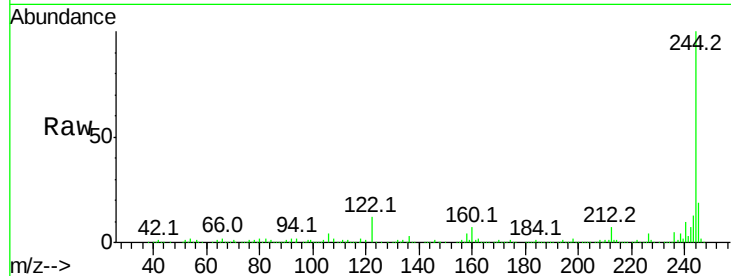
Tot Ion:244 Resp: 1077892

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

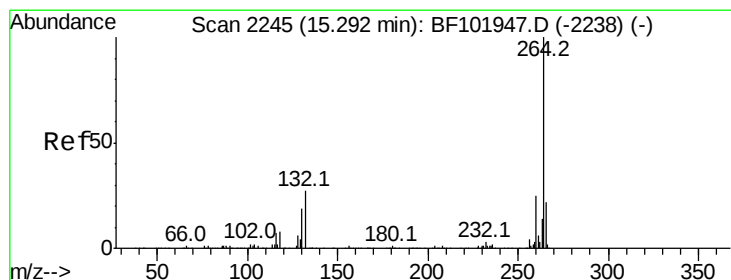
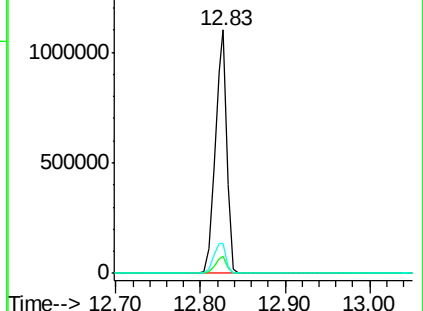
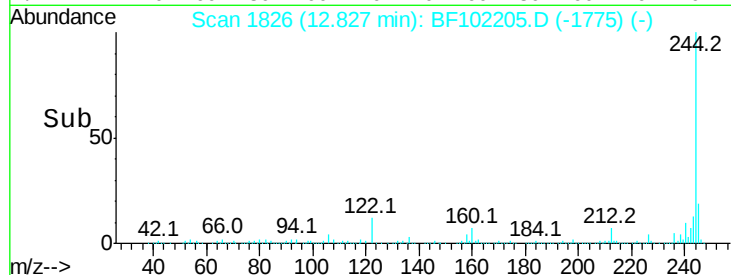
122 12.5 11.0 16.4



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: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF102205.D

Acq: 18 Jan 2018 21:27

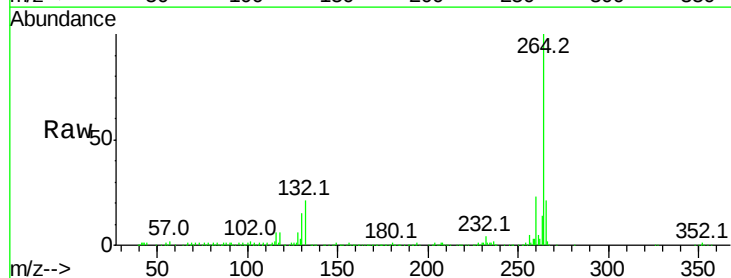
Tgt Ion:264 Resp: 248874

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 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

