

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102175.D
 Acq On : 18 Jan 2018 3:42
 Operator : SJ/JU
 Sample : J1154-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1867-3407-4235

Quant Time: Jan 18 04:49:15 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

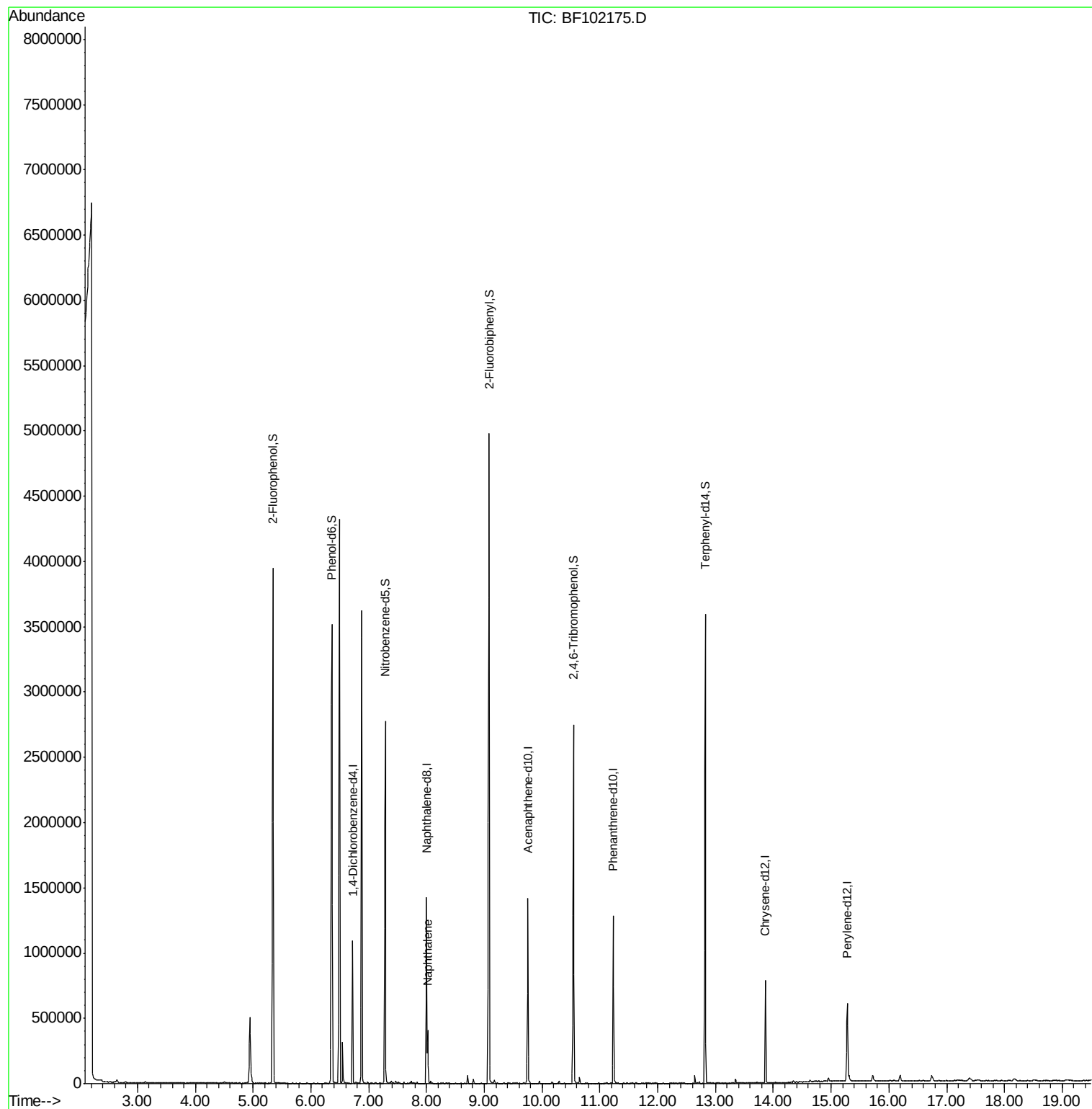
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155717	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625973	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	266109	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	414905	20.00	ng	0.00
75) Chrysene-d12	13.86	240	257002	20.00	ng	-0.01
86) Perylene-d12	15.28	264	252975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1258355	114.11	ng	0.02
7) Phenol-d6	6.36	99	1369338	104.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	1061623	99.66	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	337456	145.31	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1781257	104.57	ng	0.00
78) Terphenyl-d14	12.82	244	1295039	104.62	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	163756	5.235	ng	Qvalue 99

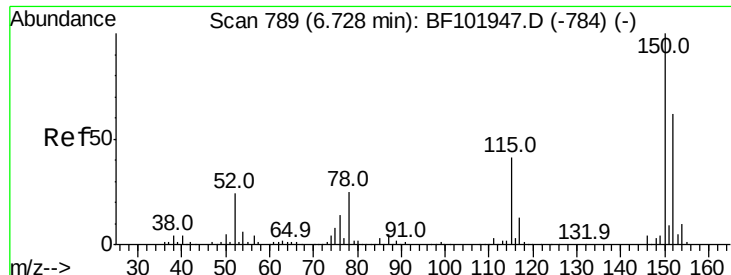
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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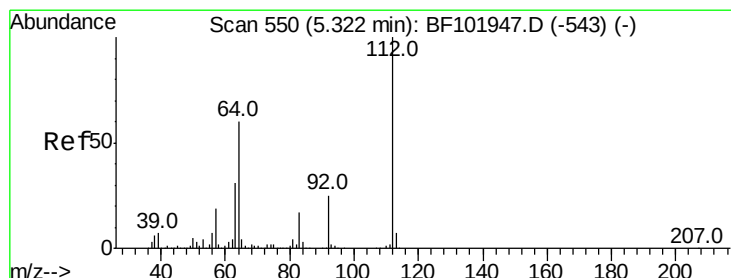
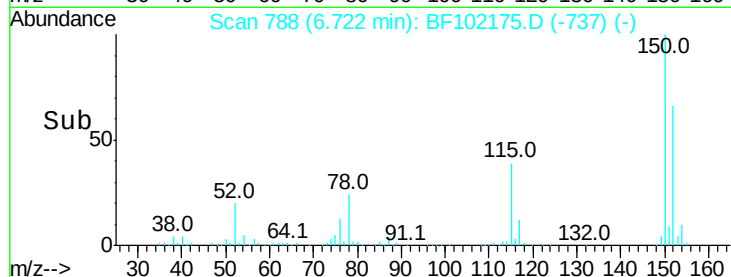
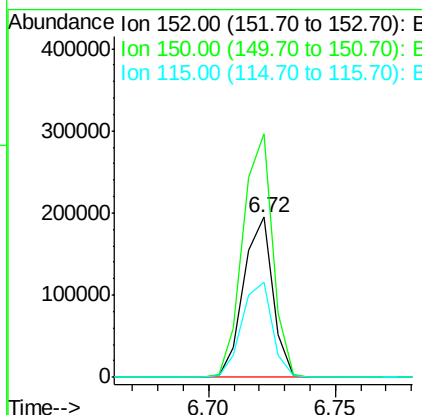
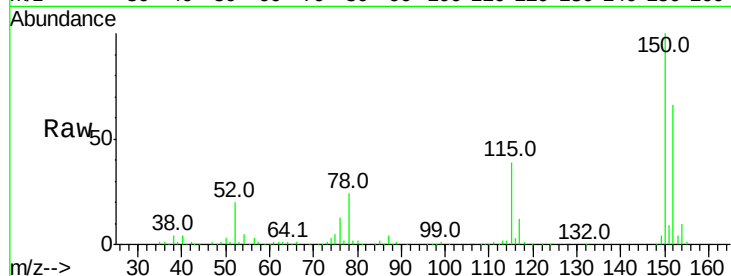


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102175.D
Acq: 18 Jan 2018 3:42

Instrument :
BNA_F
ClientSampleId :
RT-1867-3407-4235

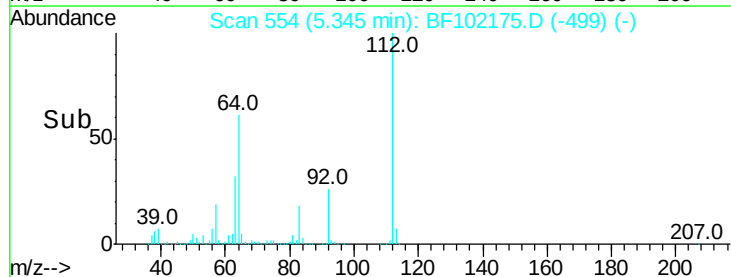
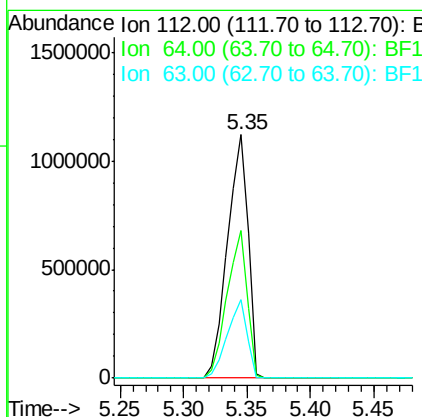
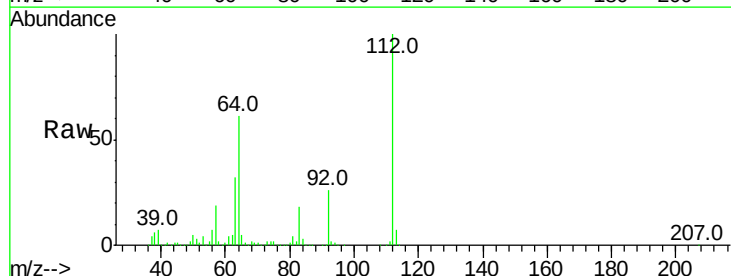
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	59.9	50.1	75.1

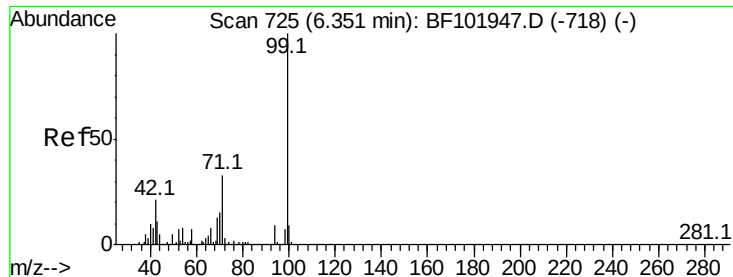


#5

2-Fluorophenol
Concen: 114.111 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102175.D
Acq: 18 Jan 2018 3:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 104.077 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Instrument :

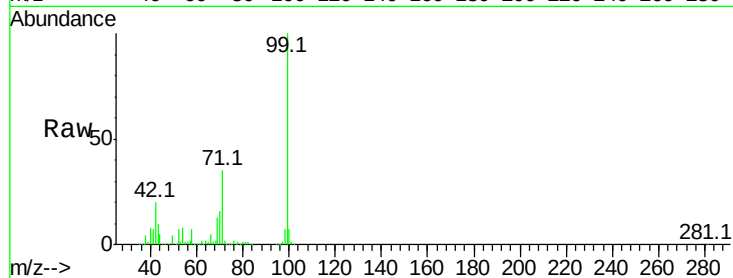
BNA_F

ClientSampleId :

RT-1867-3407-4235

Tot Ion: 99 Resp: 1369338

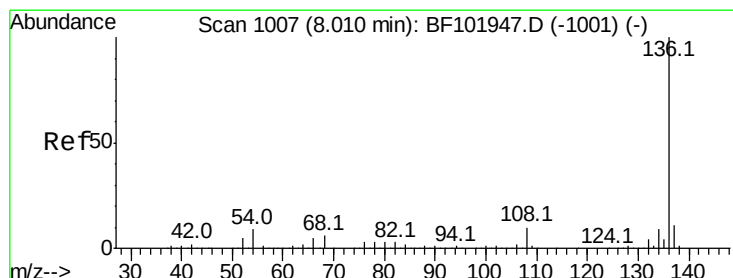
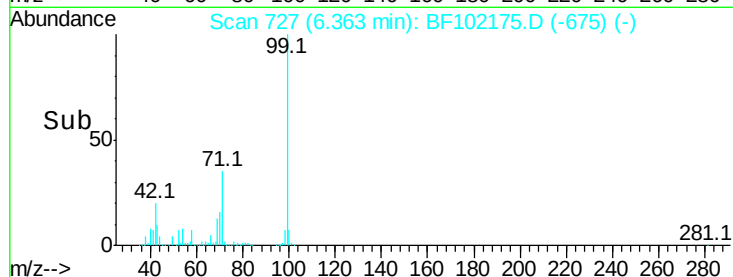
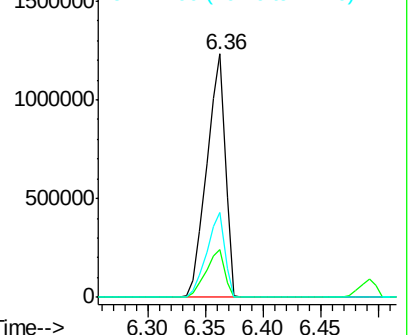
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.0	25.4	38.0



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

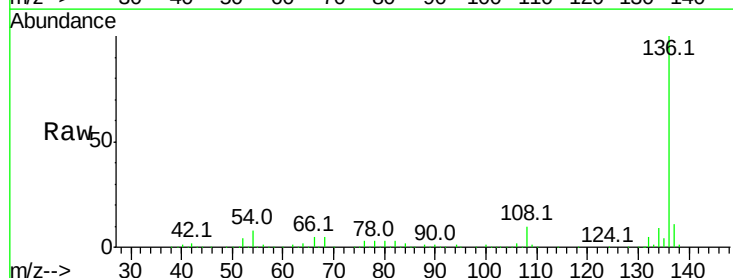
Delta R.T. -0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Tgt Ion: 136 Resp: 625973

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	6.6	9.8
68	5.2	5.0	7.4

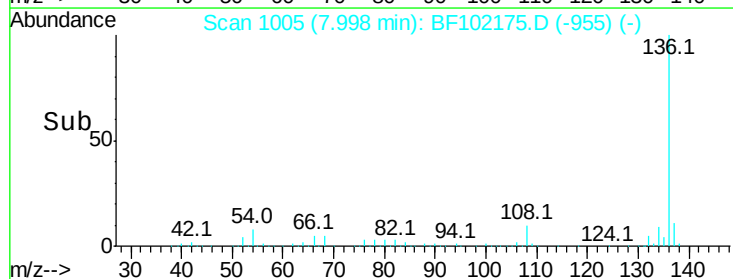
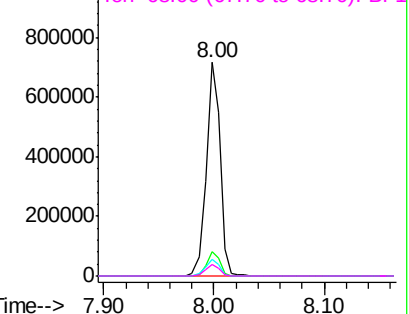


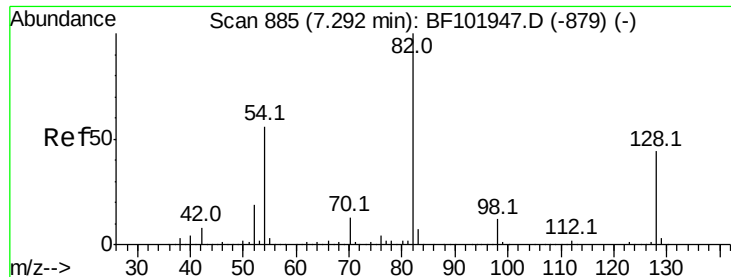
Abundance Ion 136.00 (135.70 to 136.70): E

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



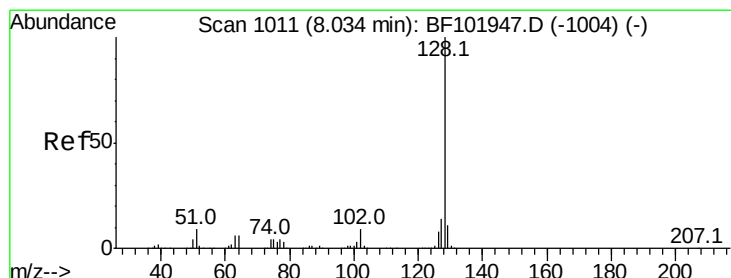
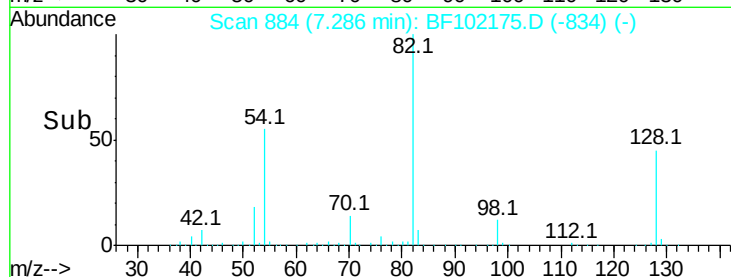
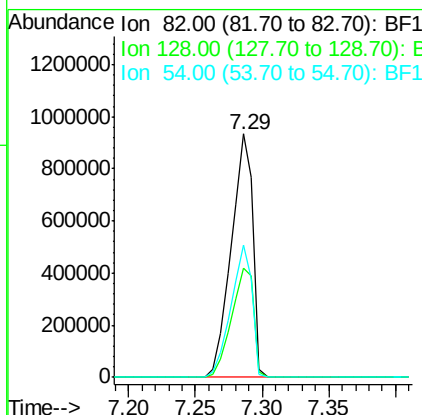
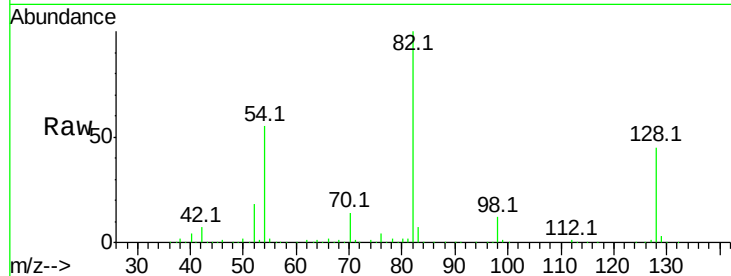


#23
 Nitrobenzene-d5
 Concen: 99.661 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 RT-1867-3407-4235

Tot Ion: 82 Resp: 1061623

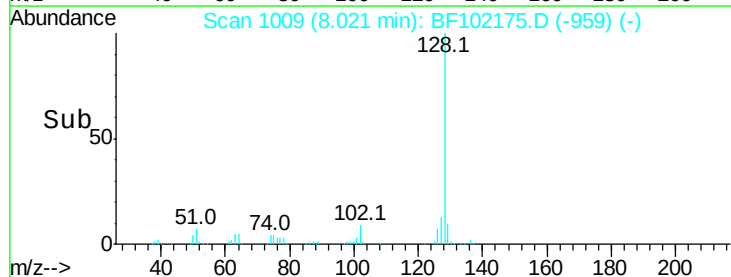
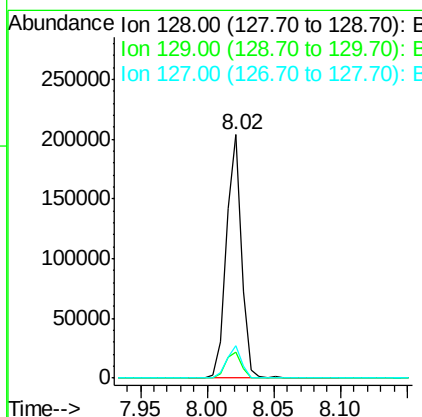
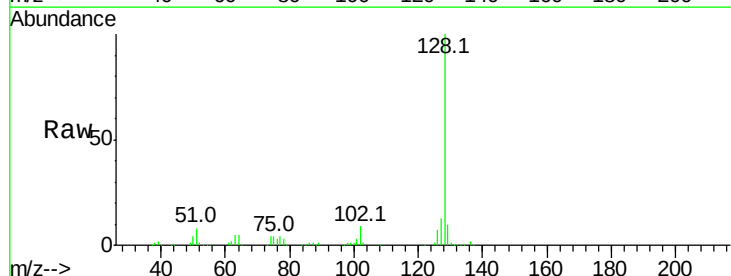
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.6	41.4	62.2

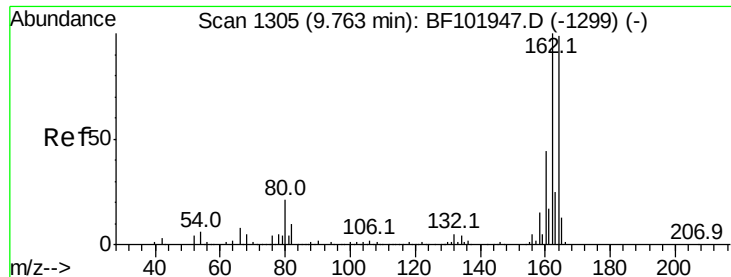


#31
 Naphthalene
 Concen: 5.235 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion: 128 Resp: 163756

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.3	10.9	16.3

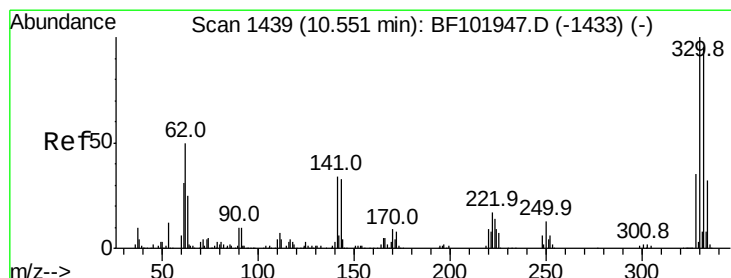
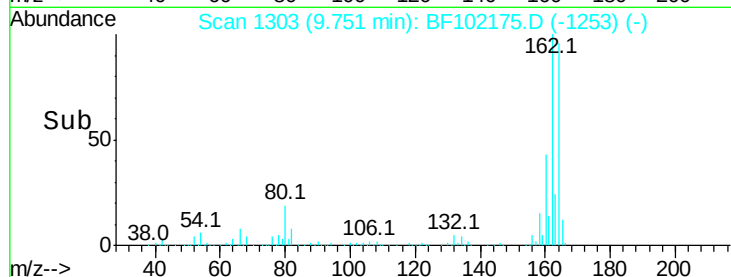
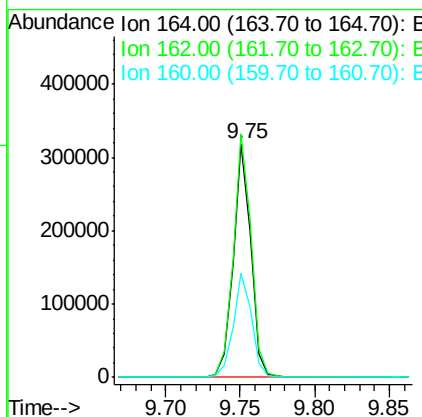
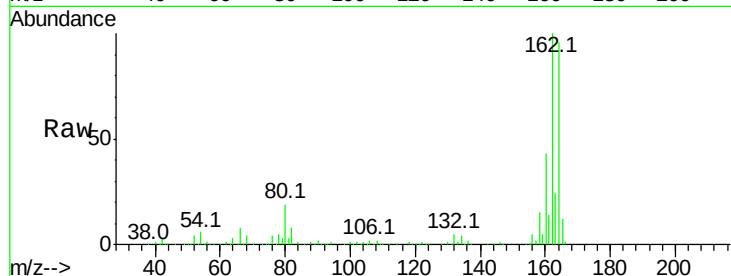




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

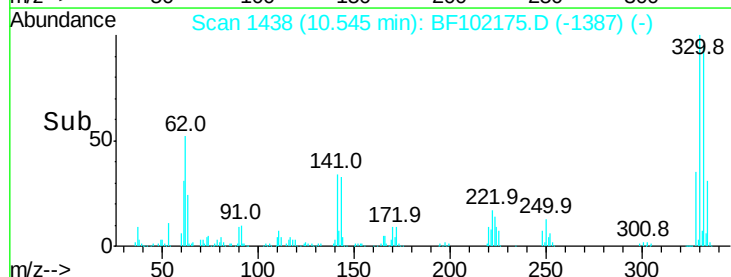
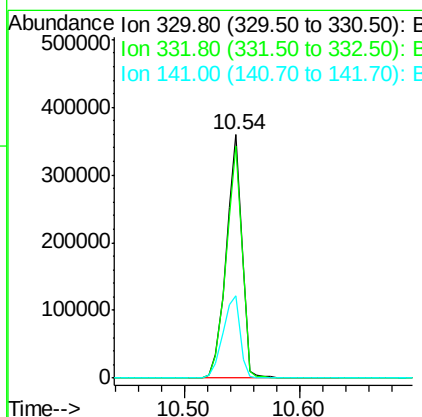
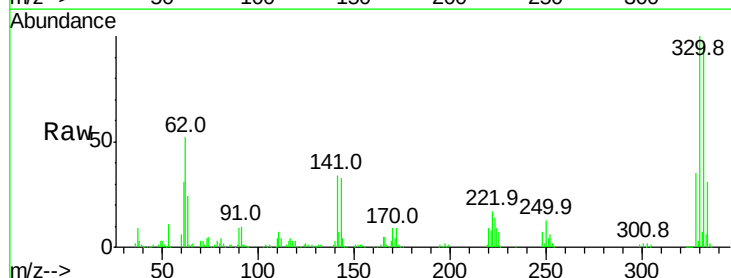
Instrument :
 BNA_F
 ClientSampleId :
 RT-1867-3407-4235

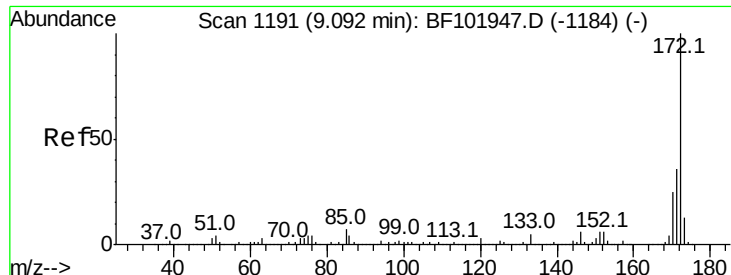
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 145.311 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.4	29.9	44.9



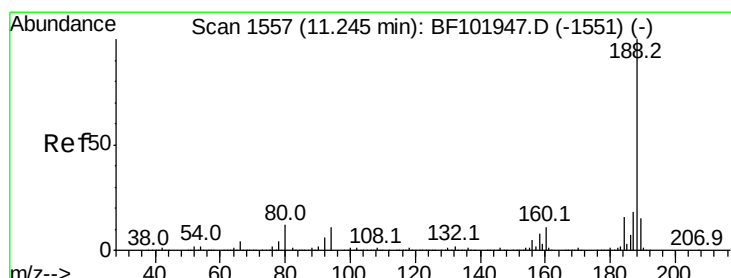
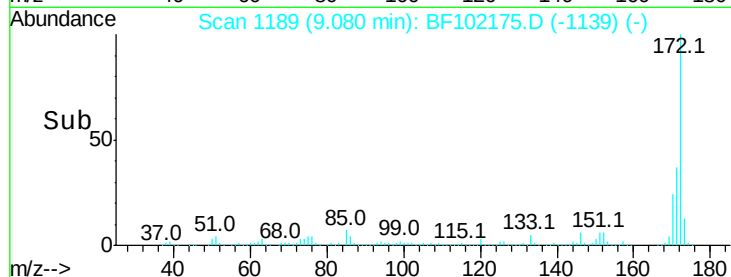
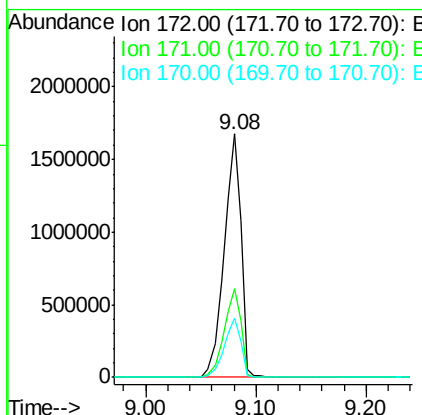
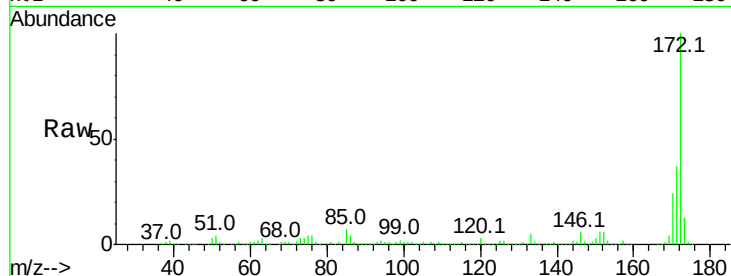


#44
 2-Fluorobiphenyl
 Concen: 104.574 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 RT-1867-3407-4235

Tot Ion:172 Resp: 1781257

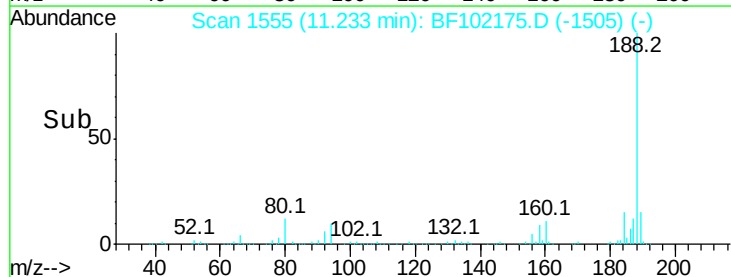
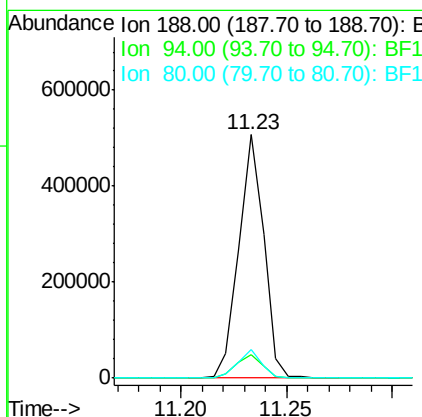
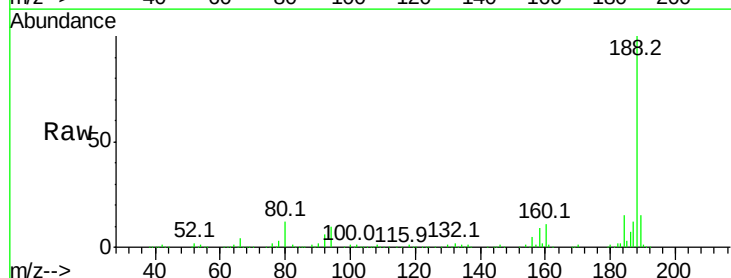
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

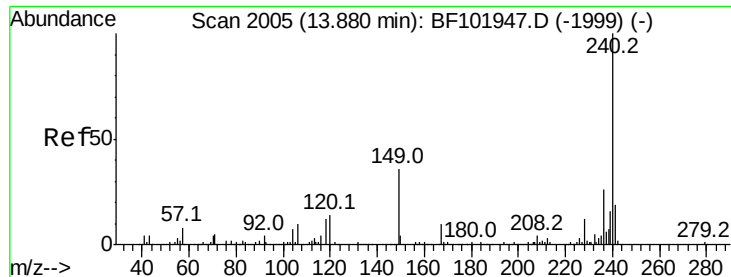


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102175.D
 Acq: 18 Jan 2018 3:42

Tgt Ion:188 Resp: 414905

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	11.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RT-1867-3407-4235

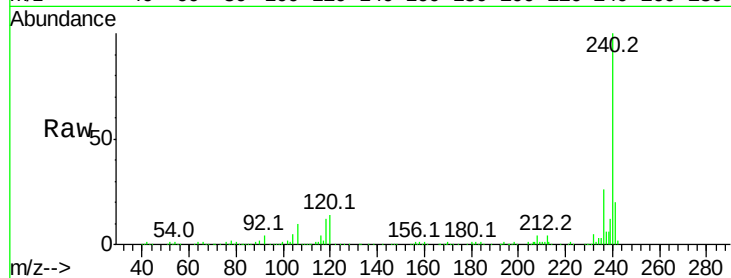
Tot Ion:240 Resp: 257002

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

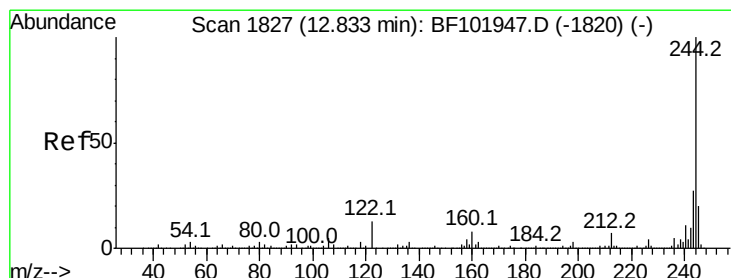
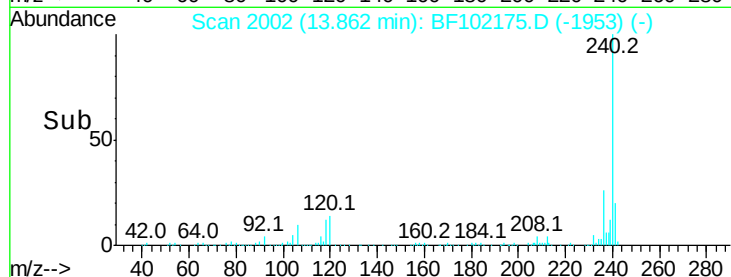
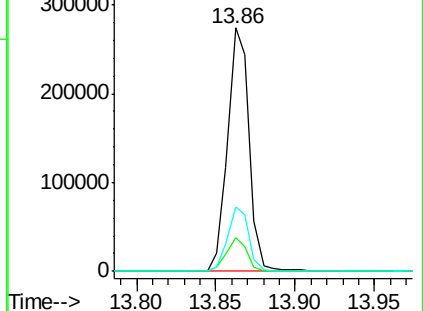
236 26.3 20.7 31.1



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: 104.623 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102175.D

Acq: 18 Jan 2018 3:42

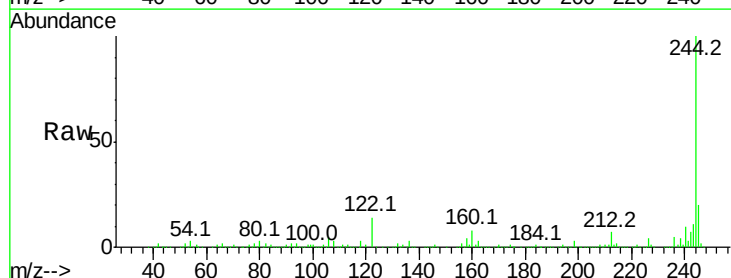
Tgt Ion:244 Resp: 1295039

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

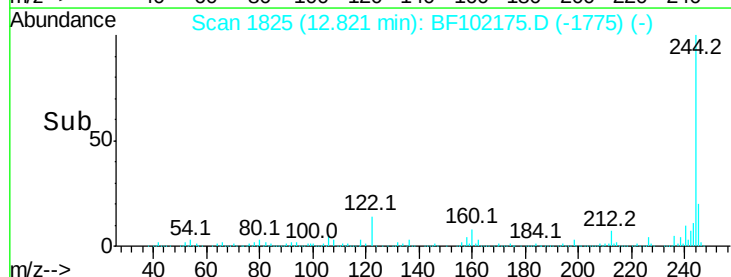
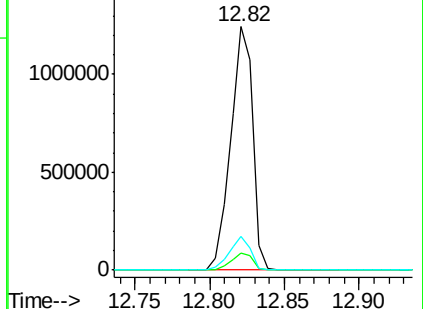
122 13.8 11.0 16.4

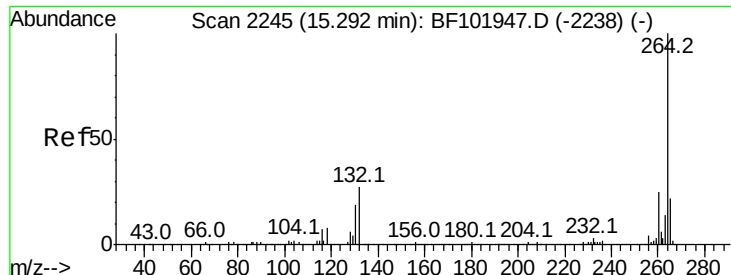


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

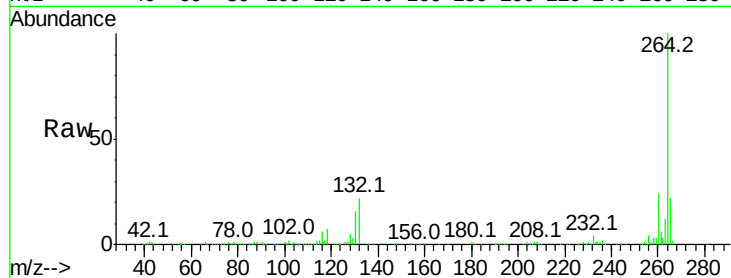




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102175.D
Acq: 18 Jan 2018 3:42

Instrument :
BNA_F
ClientSampleId :
RT-1867-3407-4235

Tot Ion:264 Resp: 252975
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 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

