

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113012.D
 Acq On : 12 Mar 2019 19:36
 Operator : JU/SJ
 Sample : K1846-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Mar 13 03:58:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

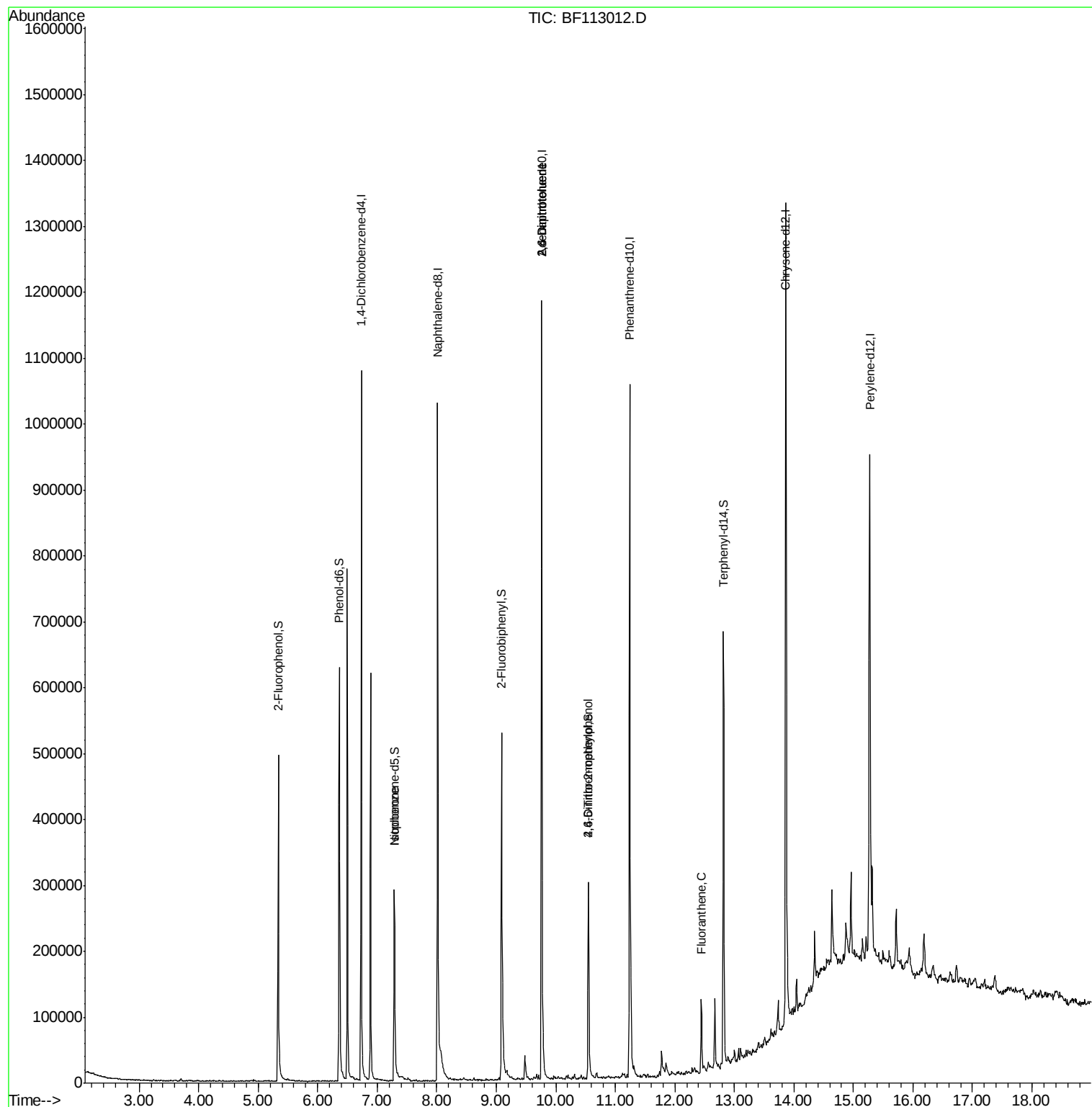
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	176255	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	651334	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	275033	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	481072	20.00	ng	0.00
76) Chrysene-d12	13.86	240	516358	20.00	ng	0.00
87) Perylene-d12	15.27	264	418886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	176635	15.59	ng	0.00
7) Phenol-d6	6.36	99	234454	16.47	ng	-0.01
23) Nitrobenzene-d5	7.29	82	120640	11.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	53295	18.25	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	261752	11.70	ng	0.00
79) Terphenyl-d14	12.82	244	252799	9.49	ng	0.00
Target Compounds						
25) Isophorone	7.29	82	120639	5.145	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	34995	8.287	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	34996	6.667	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	158	4.685	ng	# 20
75) Fluoranthene	12.45	202	51354	2.003	ng	99

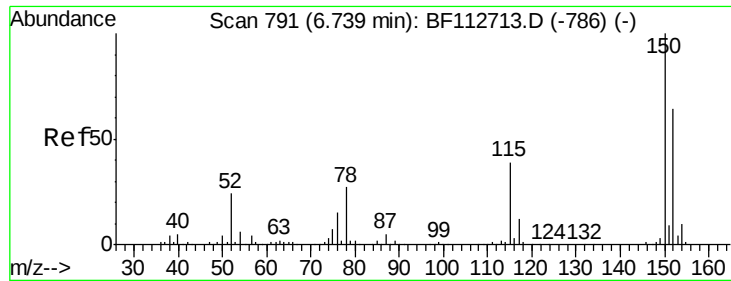
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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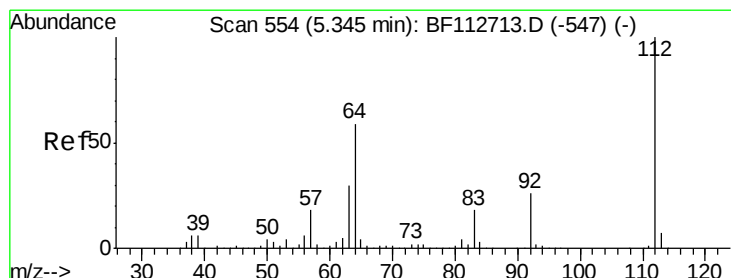
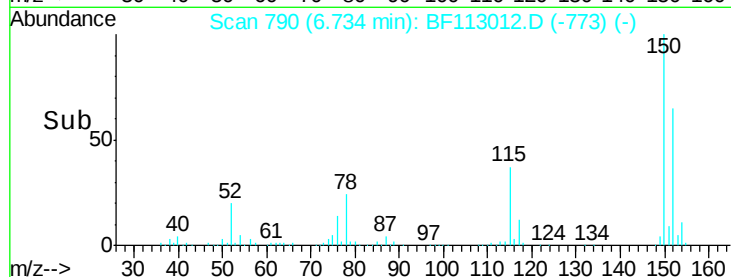
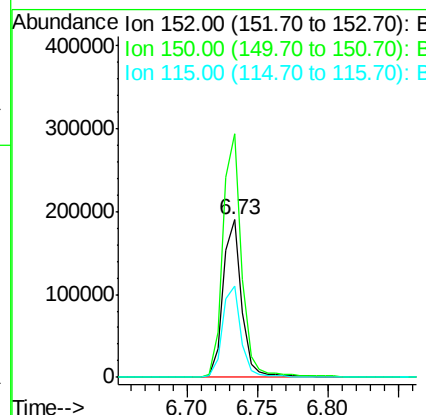
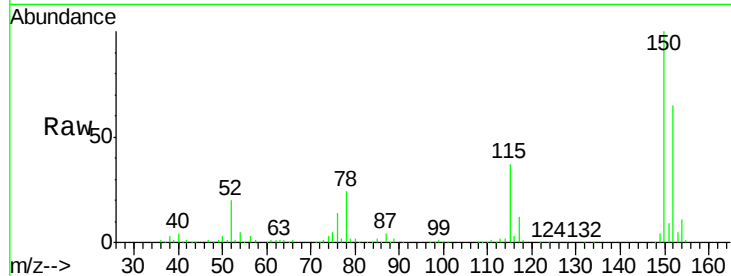


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-1-S

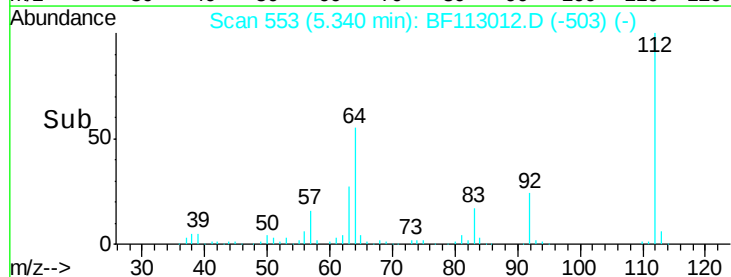
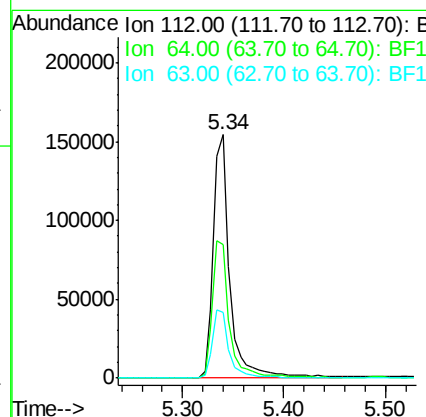
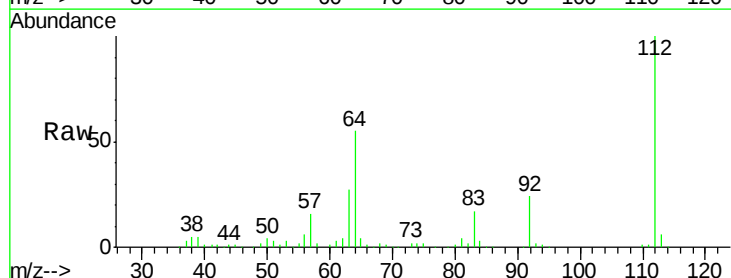
Tgt Ion:152 Resp: 176255
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 57.6 48.2 72.4

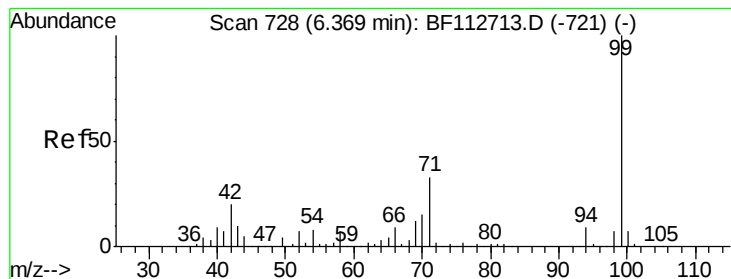


#5

2-Fluorophenol
Concen: 15.589 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Tgt Ion:112 Resp: 176635
Ion Ratio Lower Upper
112 100
64 54.6 47.6 71.4
63 27.0 24.4 36.6





#7

Phenol-d6

Concen: 16.472 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113012.D

Acq: 12 Mar 2019 19:36

Instrument :

BNA_F

ClientSampleId :

TP-1-S

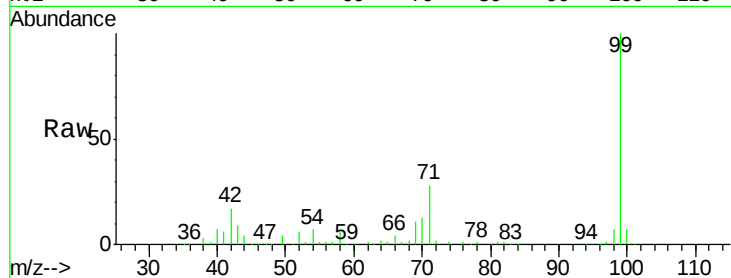
Tgt Ion: 99 Resp: 234454

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

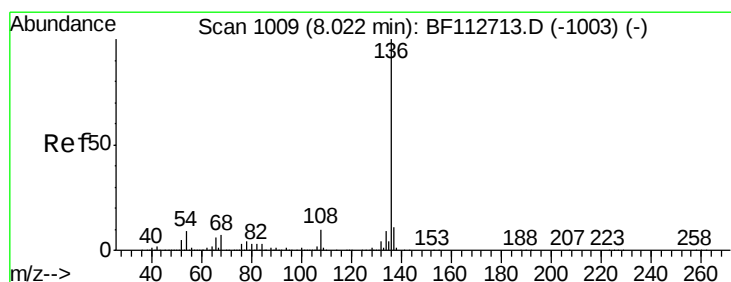
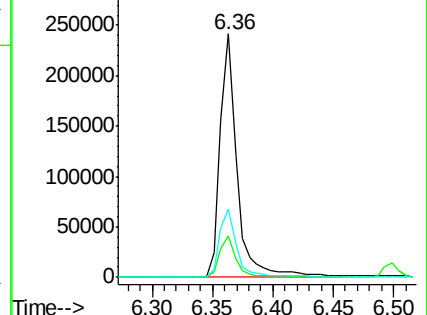
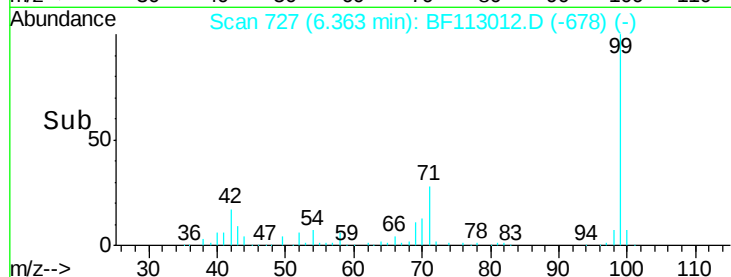
71 27.9 26.2 39.4



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: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF113012.D

Acq: 12 Mar 2019 19:36

Tgt Ion: 136 Resp: 651334

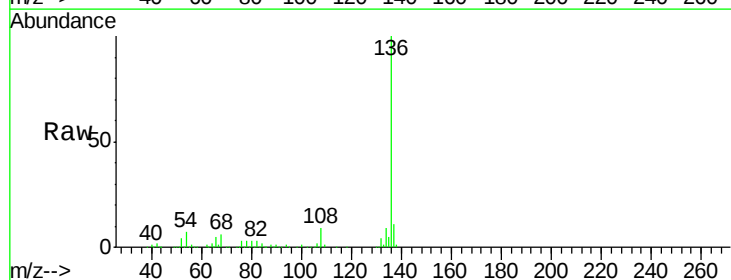
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.1 7.3 10.9#

68 5.5 5.4 8.2

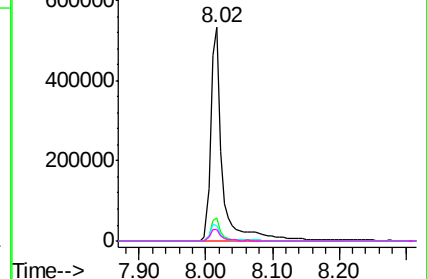
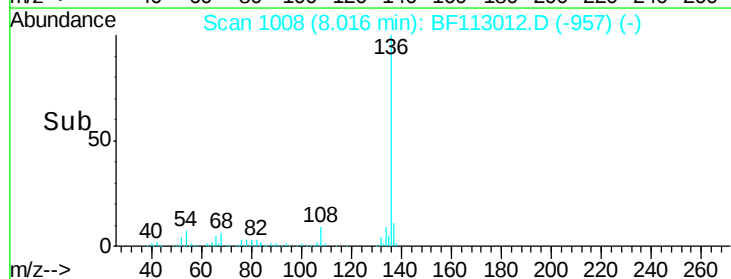


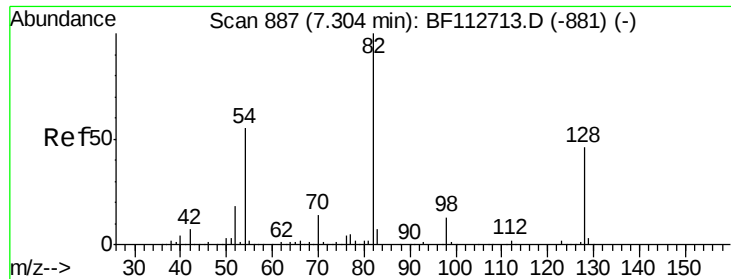
Abundance Ion 136.00 (135.70 to 136.70): E

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

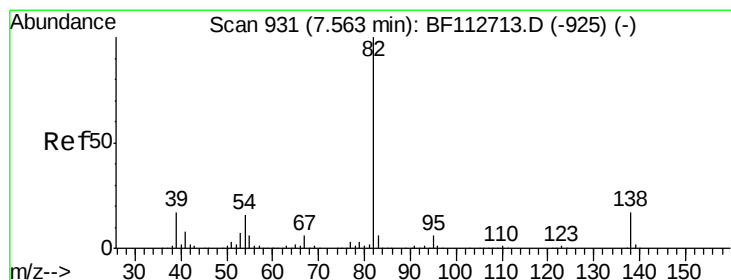
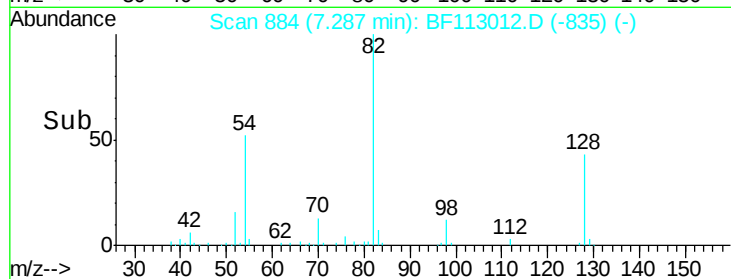
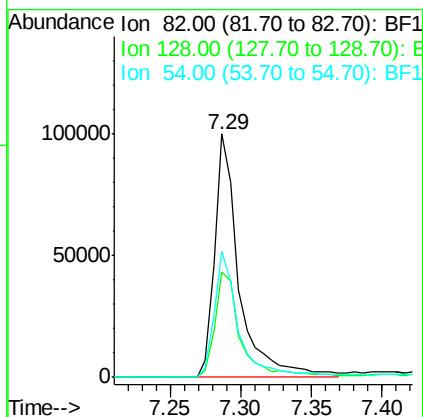
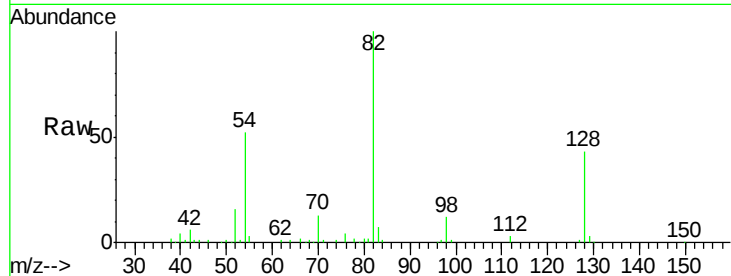




#23
 Nitrobenzene-d5
 Concen: 11.083 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113012.D
 Acq: 12 Mar 2019 19:36

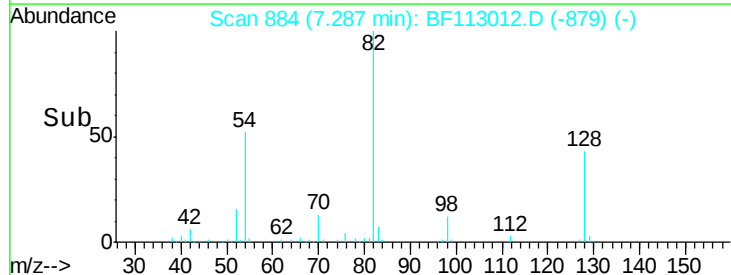
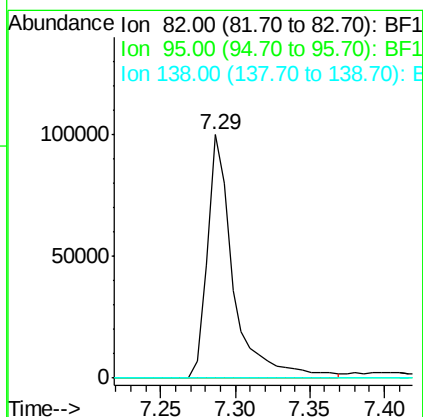
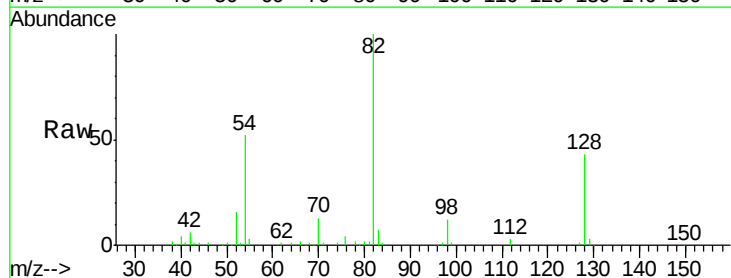
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion: 82 Resp: 120640
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.3 54.5
 54 51.9 43.7 65.5



#25
 Isophorone
 Concen: 5.145 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.27 min
 Lab File: BF113012.D
 Acq: 12 Mar 2019 19:36

Tgt Ion: 82 Resp: 120639
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#

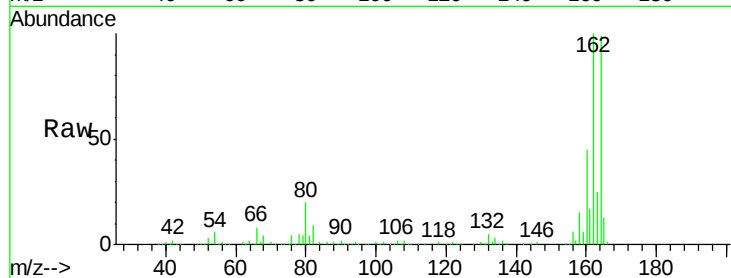




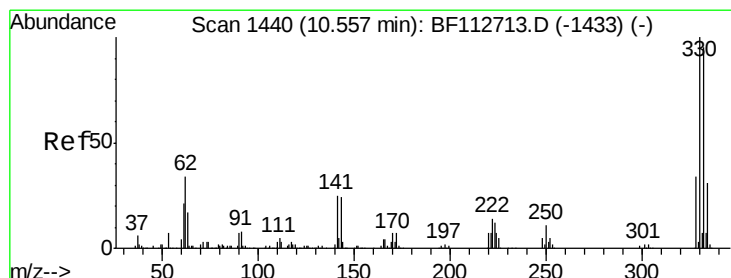
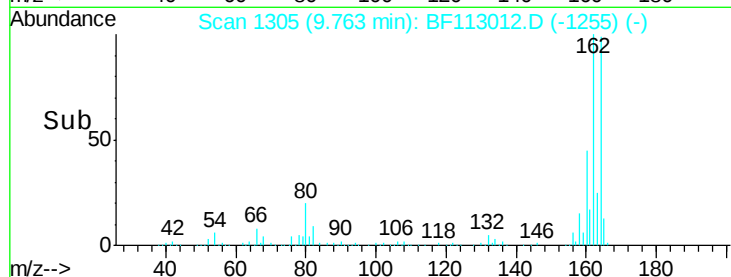
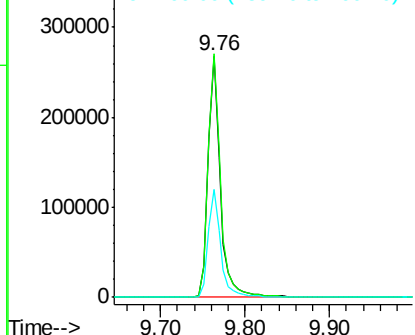
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:164 Resp: 275033
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.0 36.0 54.0

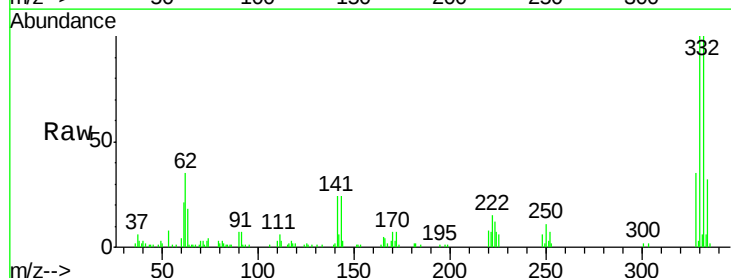


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

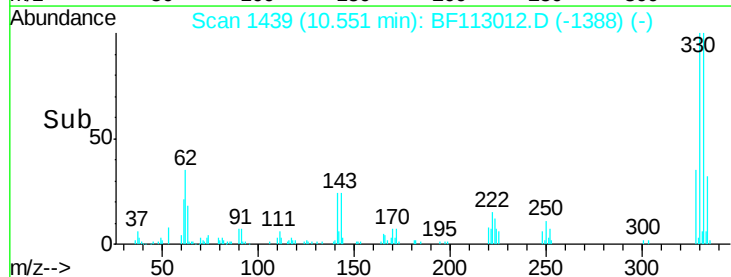
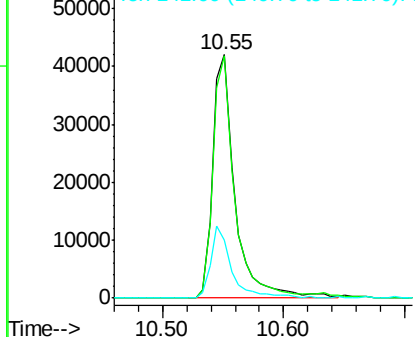


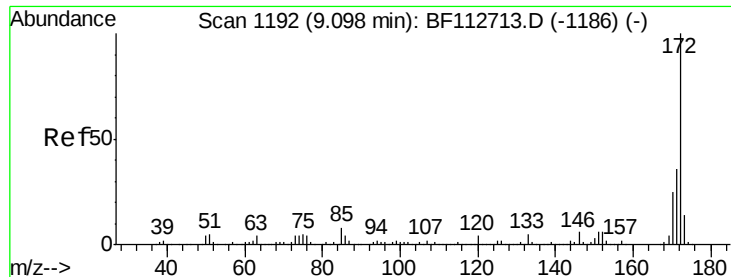
#42
2,4,6-Tribromophenol
Concen: 18.253 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Tgt Ion:330 Resp: 53295
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 28.1 27.0 40.6



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

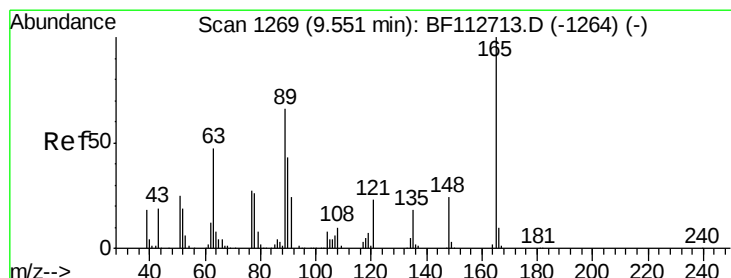
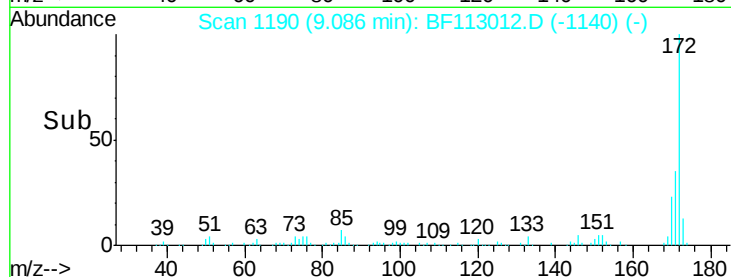
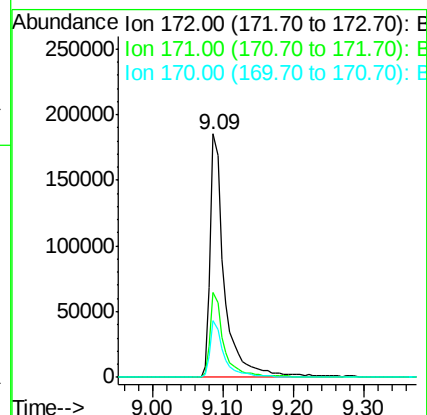
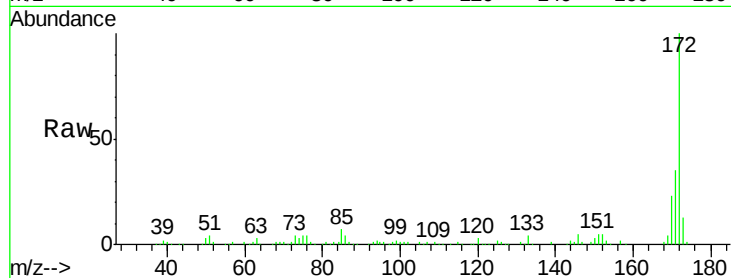




#45
 2-Fluorobiphenyl
 Concen: 11.701 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113012.D
 Acq: 12 Mar 2019 19:36

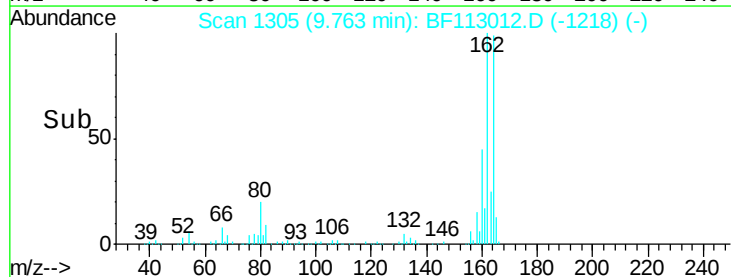
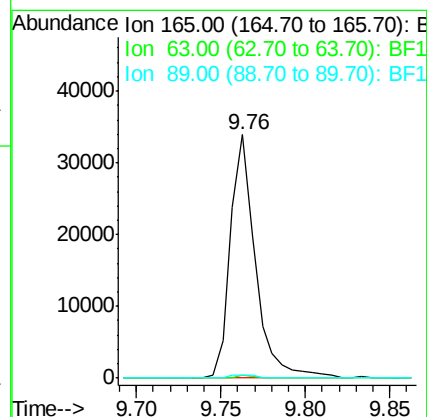
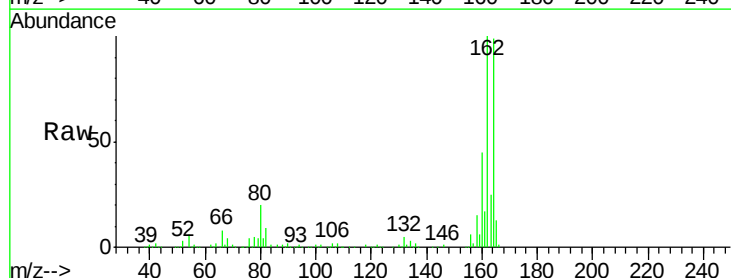
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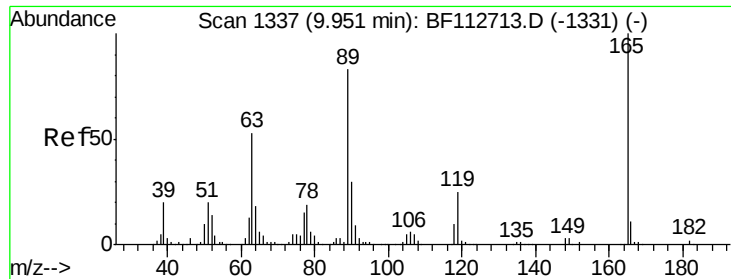
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.1	20.0	30.0



#51
 2,6-Dinitrotoluene
 Concen: 8.287 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF113012.D
 Acq: 12 Mar 2019 19:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.5	52.8	79.2#

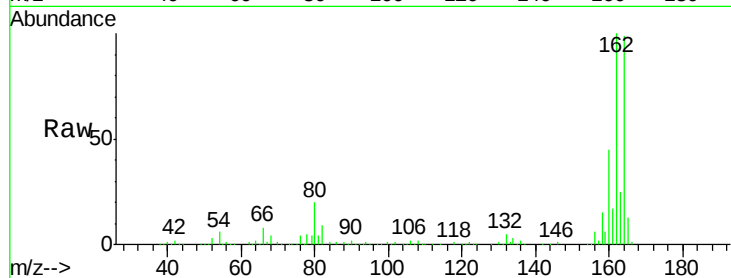




#57
2,4-Dinitrotoluene
Concen: 6.667 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



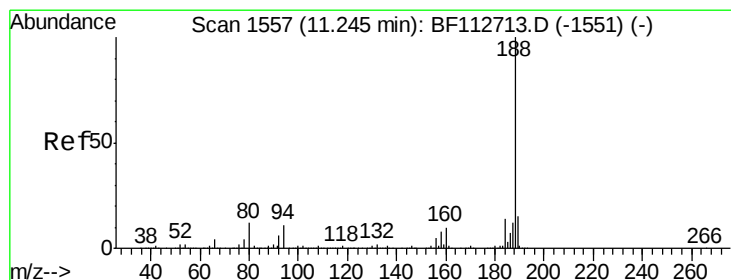
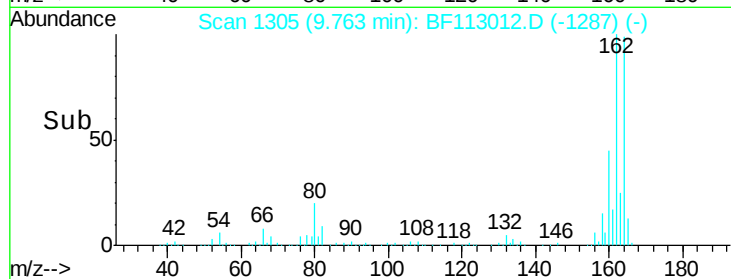
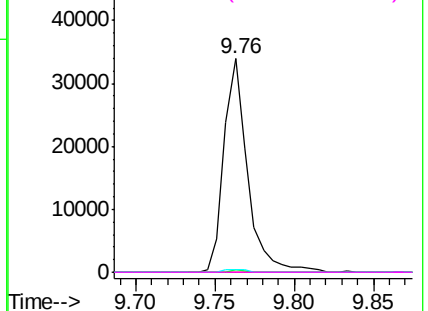
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

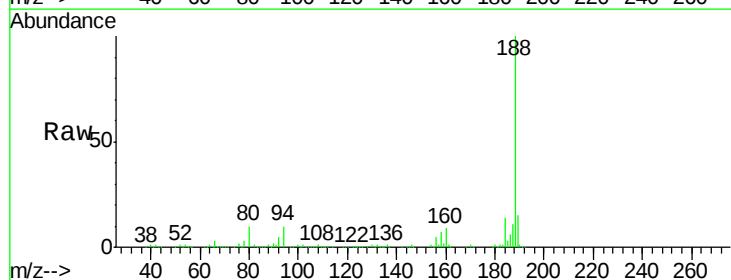
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.5	9.2	13.8

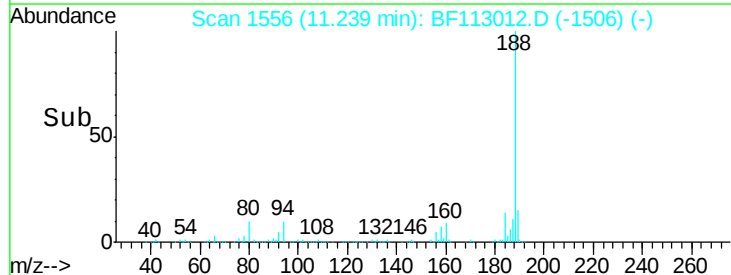
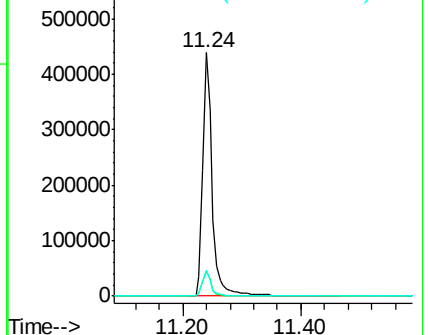


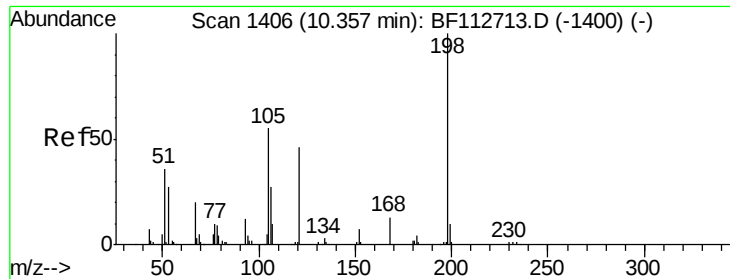
Abundance

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

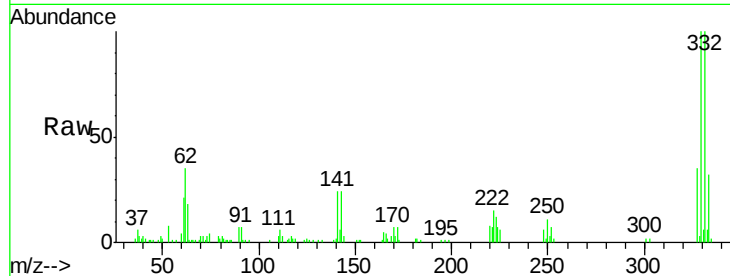




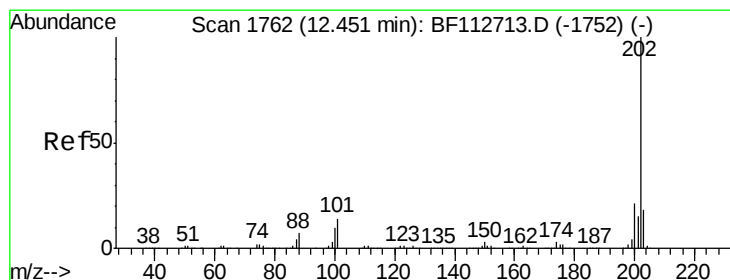
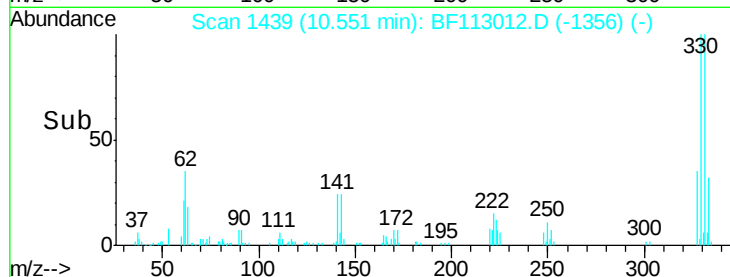
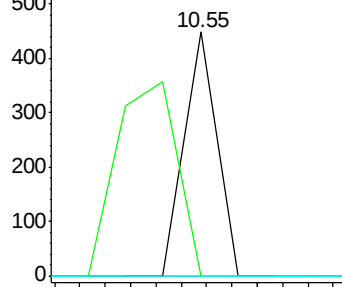
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.685 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF113012.D
 Acq: 12 Mar 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:198 Resp: 158
 Ion Ratio Lower Upper
 198 100
 51 0.0 43.8 83.8#
 105 0.0 36.5 76.5#

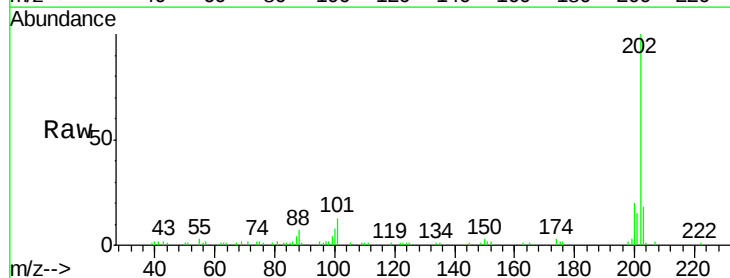


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

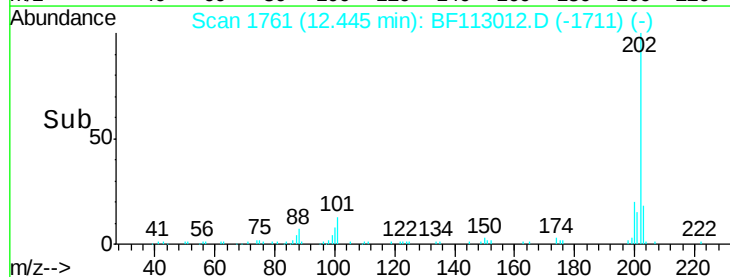
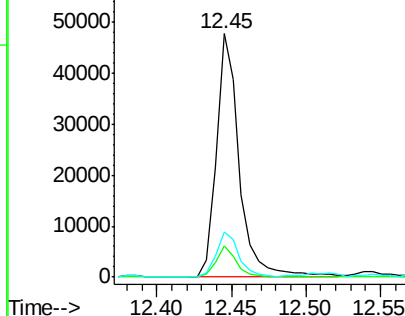


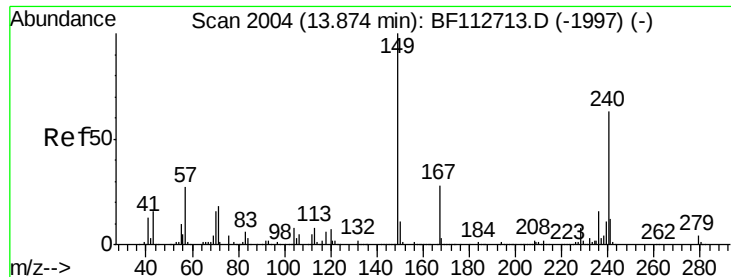
#75
 Fluoranthene
 Concen: 2.003 ng
 RT: 12.45 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF113012.D
 Acq: 12 Mar 2019 19:36

Tgt Ion:202 Resp: 51354
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 33.8
 203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113012.D

Acq: 12 Mar 2019 19:36

Instrument :

BNA_F

ClientSampleId :

TP-1-S

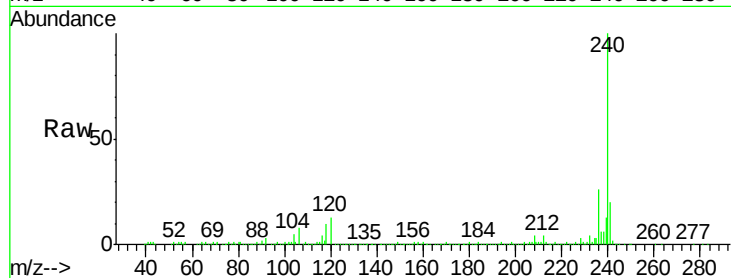
Tgt Ion:240 Resp: 516358

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

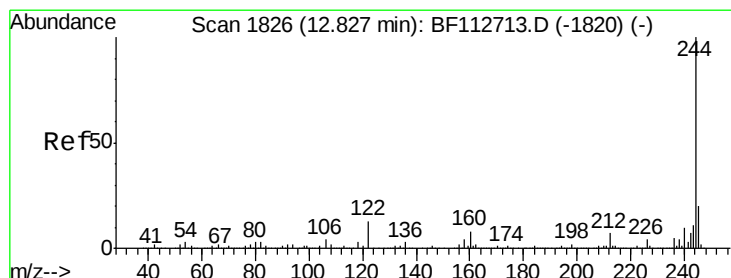
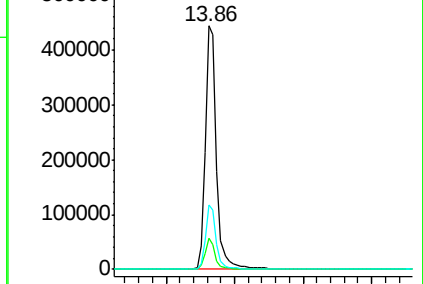
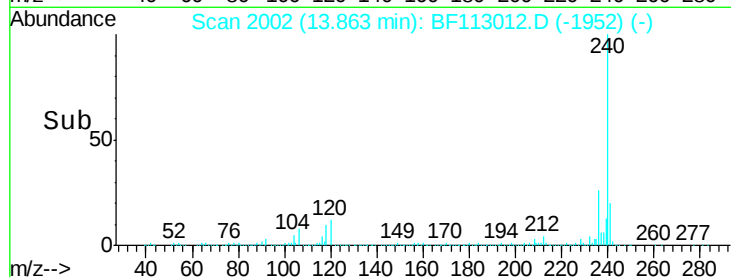
236 26.4 20.7 31.1



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



#79

Terphenyl-d14

Concen: 9.491 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113012.D

Acq: 12 Mar 2019 19:36

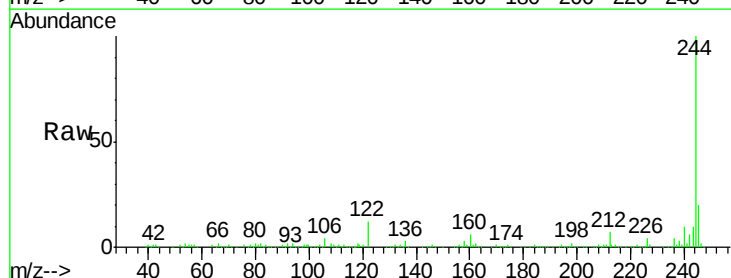
Tgt Ion:244 Resp: 252799

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

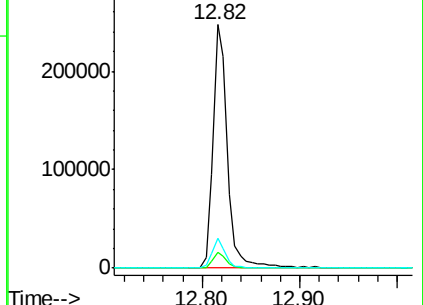
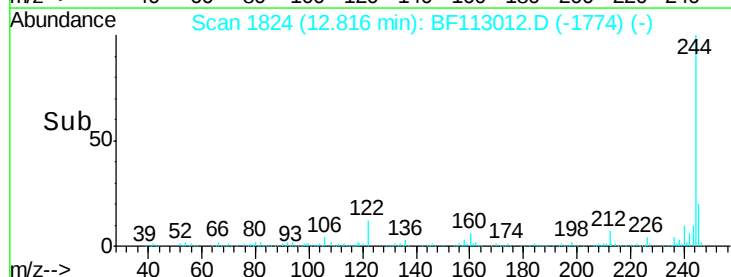
122 12.1 10.5 15.7

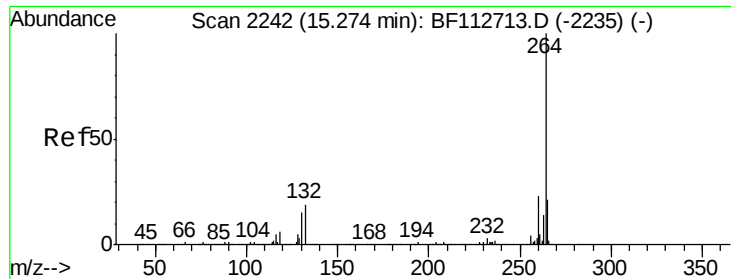


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113012.D
Acq: 12 Mar 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 264 Resp: 418886

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	17.2	25.8

