

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113006.D
 Acq On : 12 Mar 2019 16:46
 Operator : JU/SJ
 Sample : K1687-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-C

Quant Time: Mar 13 03:57:14 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

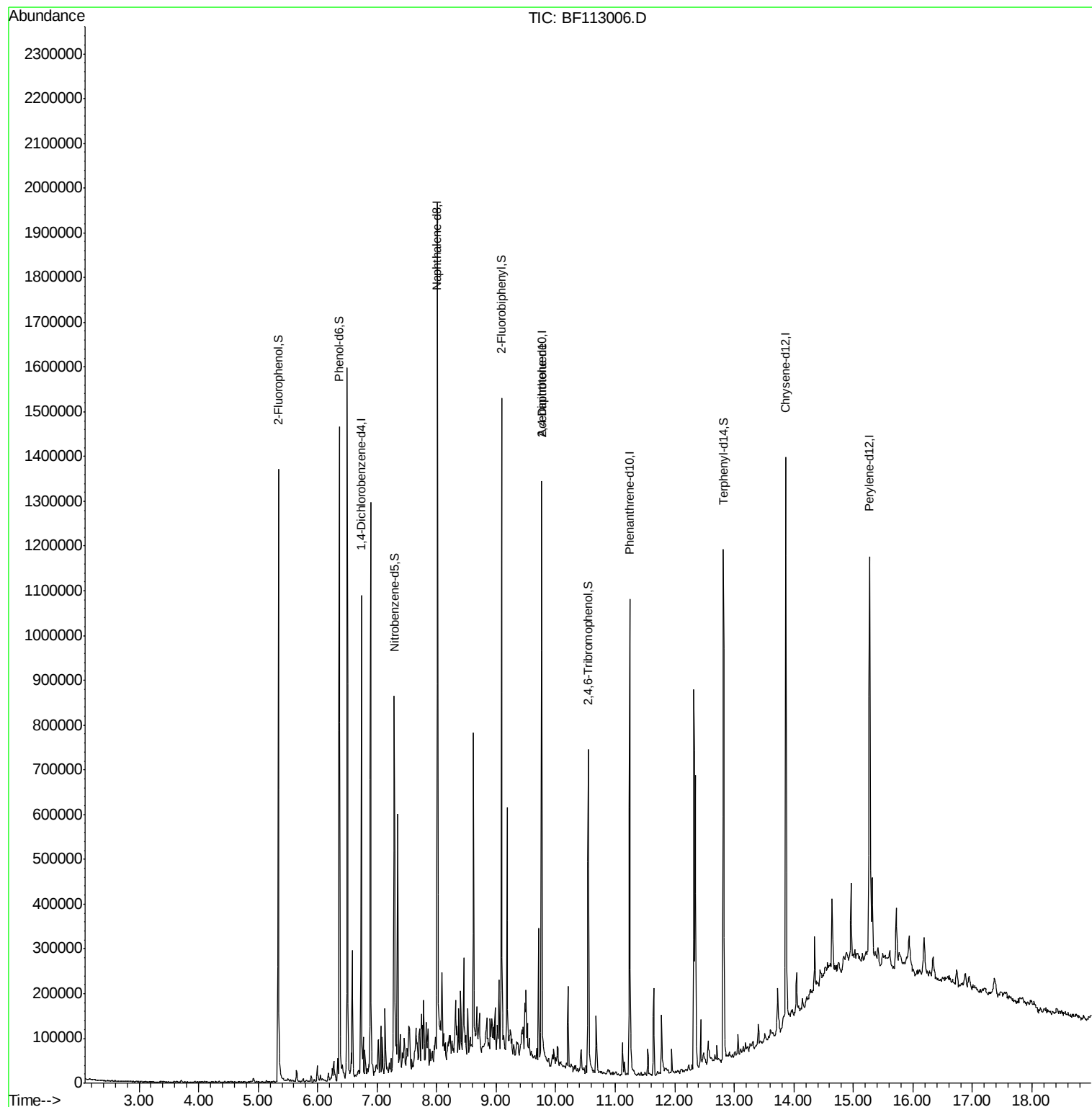
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169428	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	597167	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	257959	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	446034	20.00	ng	0.00
76) Chrysene-d12	13.86	240	483469	20.00	ng	0.00
87) Perylene-d12	15.27	264	494924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	394138	36.19	ng	0.00
7) Phenol-d6	6.36	99	476713	34.84	ng	-0.01
23) Nitrobenzene-d5	7.29	82	263961	26.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	109092	39.84	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	478664	25.12	ng	0.00
79) Terphenyl-d14	12.82	244	428945	17.20	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	9.76	165	36245	7.362	ng	Qvalue # 18

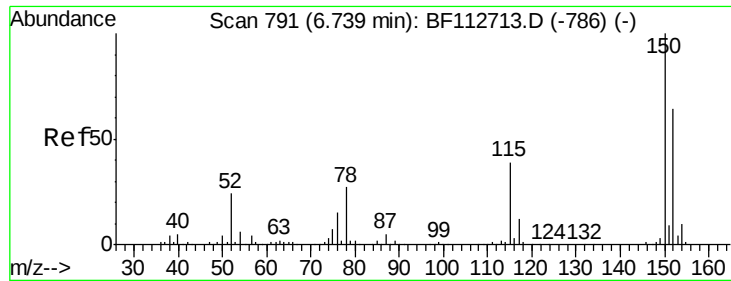
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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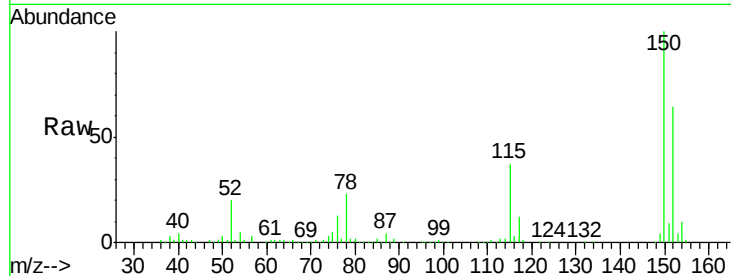


#1

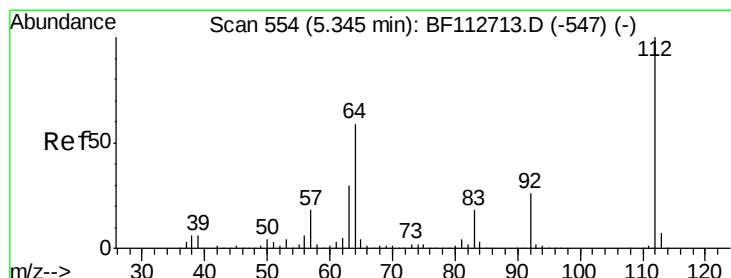
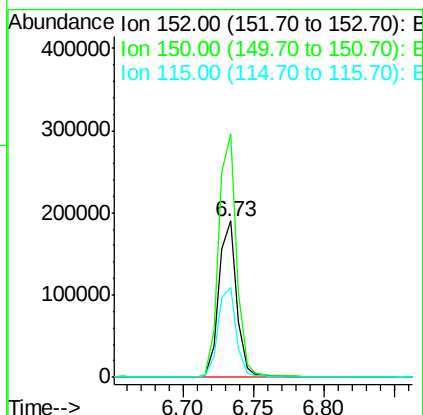
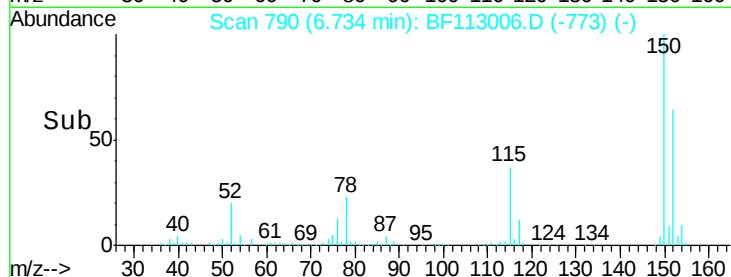
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF113006.D
Acq: 12 Mar 2019 16:46

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-C

Tgt Ion:152 Resp: 169428
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 57.3 48.2 72.4



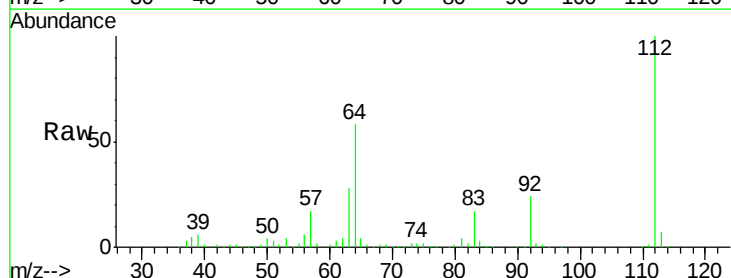
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



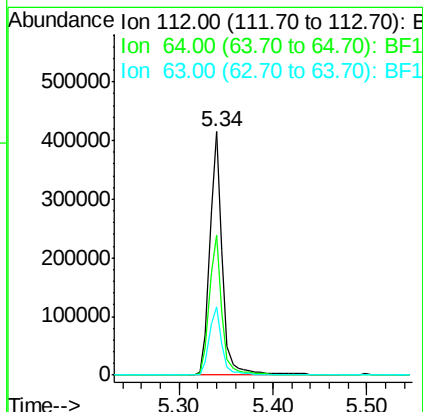
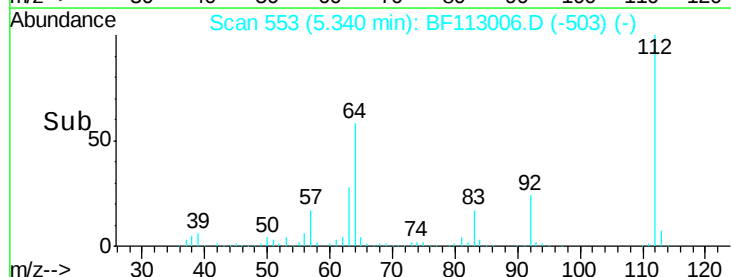
#5

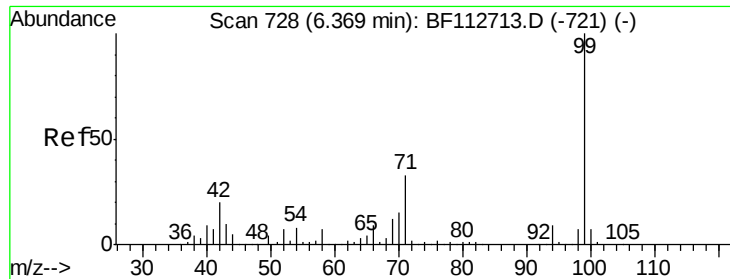
2-Fluorophenol
Concen: 36.186 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113006.D
Acq: 12 Mar 2019 16:46

Tgt Ion:112 Resp: 394138
Ion Ratio Lower Upper
112 100
64 57.6 47.6 71.4
63 28.2 24.4 36.6



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: 34.842 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113006.D

Acq: 12 Mar 2019 16:46

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-C

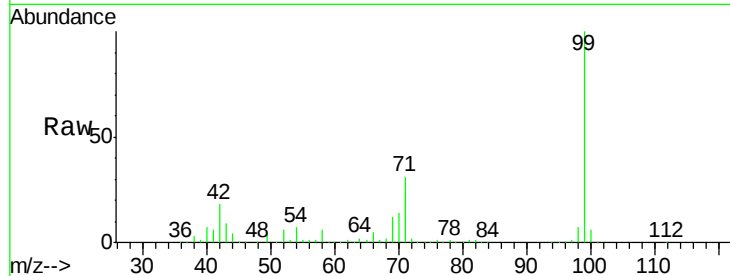
Tgt Ion: 99 Resp: 476713

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

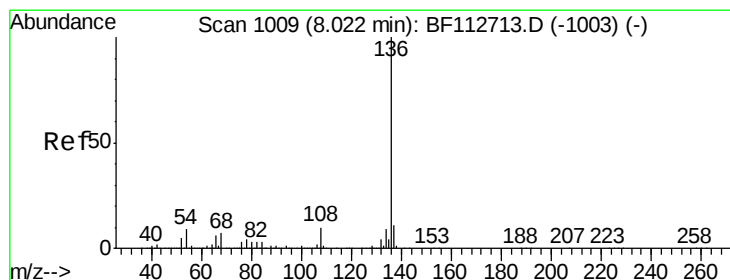
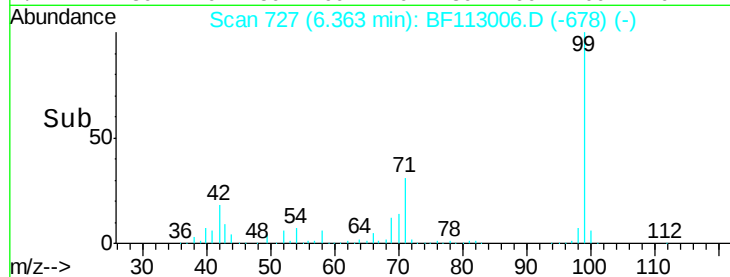
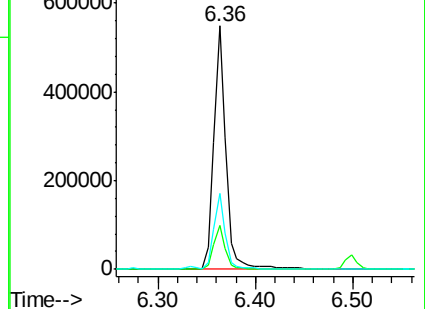
71 30.9 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113006.D

Acq: 12 Mar 2019 16:46

Tgt Ion: 136 Resp: 597167

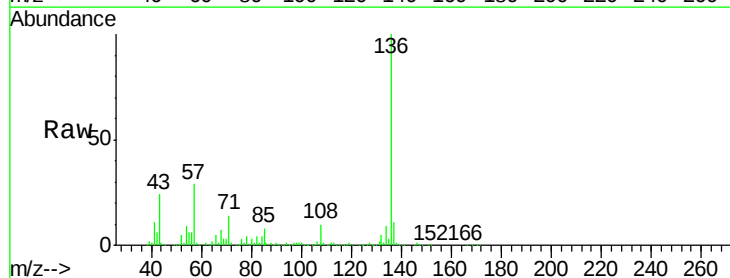
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.8 7.3 10.9

68 6.8 5.4 8.2

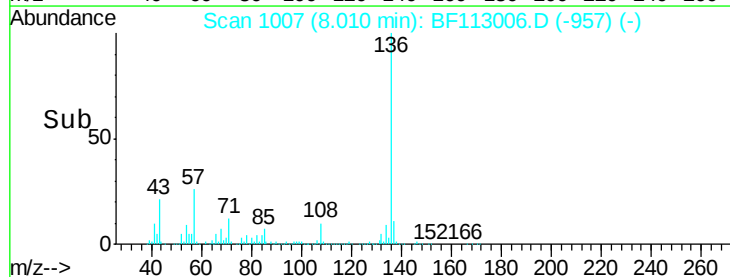
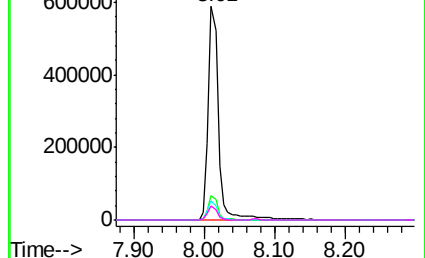


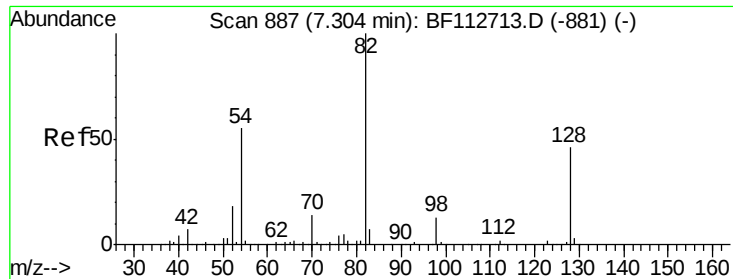
Abundance Ion 136.00 (135.70 to 136.70): E

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

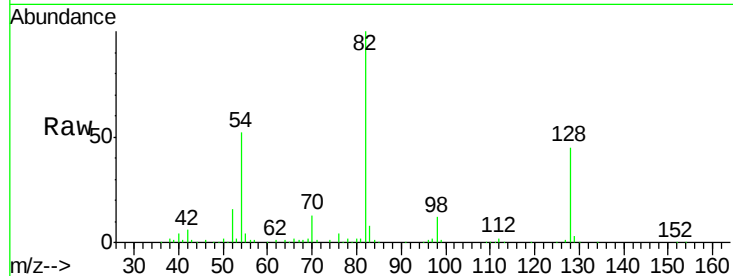




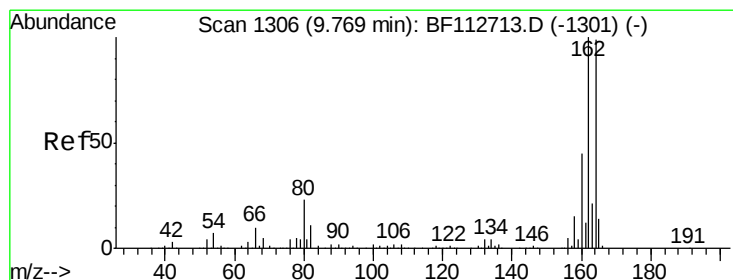
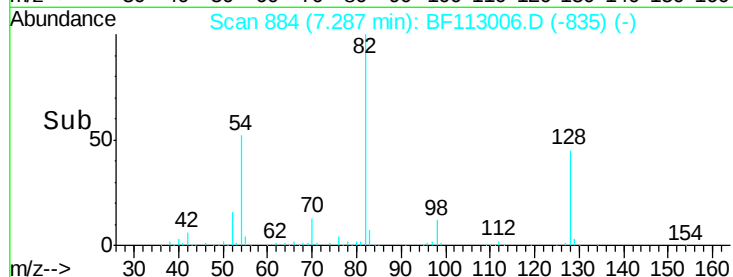
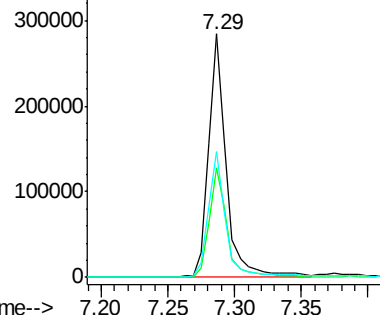
#23
 Nitrobenzene-d5
 Concen: 26.450 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113006.D
 Acq: 12 Mar 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-C

Tgt Ion: 82 Resp: 263961
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.3 54.5
 54 51.9 43.7 65.5

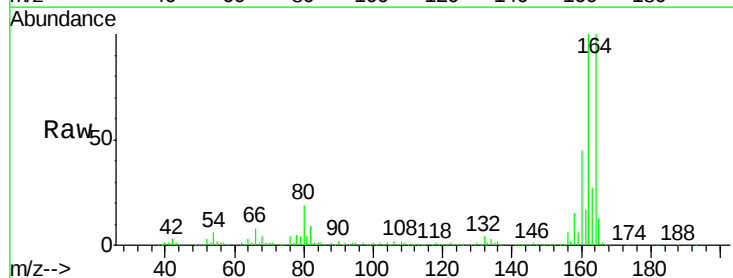


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

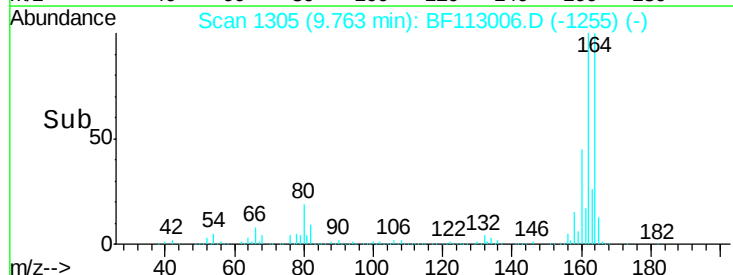
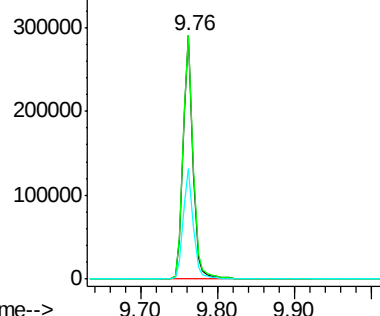


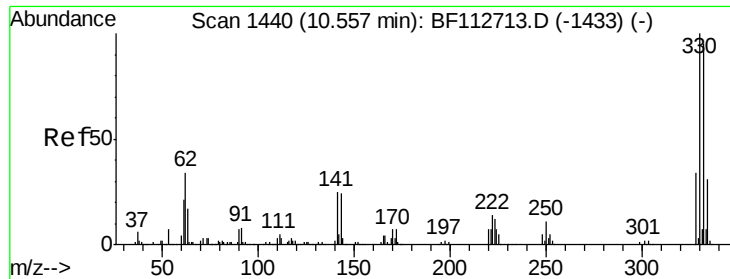
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113006.D
 Acq: 12 Mar 2019 16:46

Tgt Ion: 164 Resp: 257959
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 120.8
 160 45.4 36.0 54.0



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

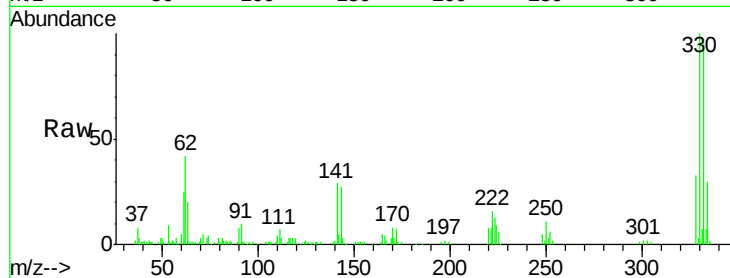




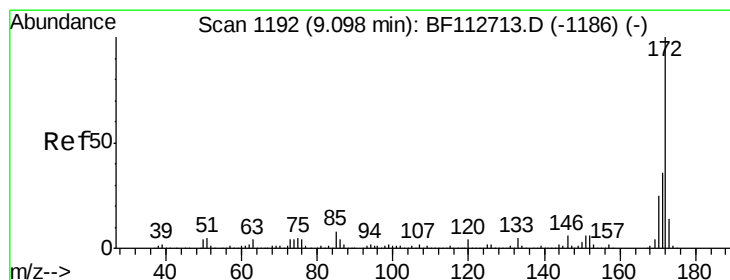
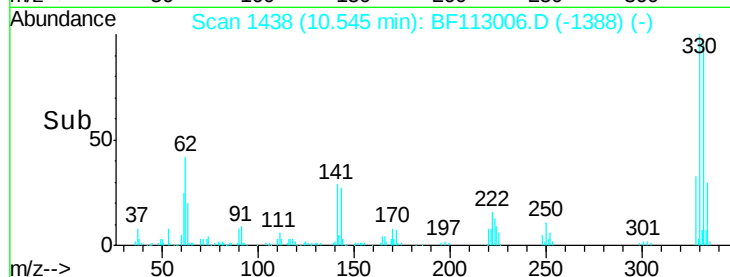
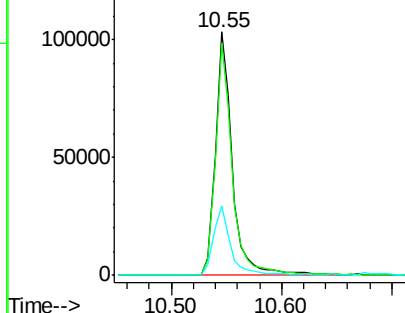
#42
 2,4,6-Tribromophenol
 Concen: 39.836 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113006.D
 Acq: 12 Mar 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-C

Tgt Ion:330 Resp: 109092
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 29.3 27.0 40.6

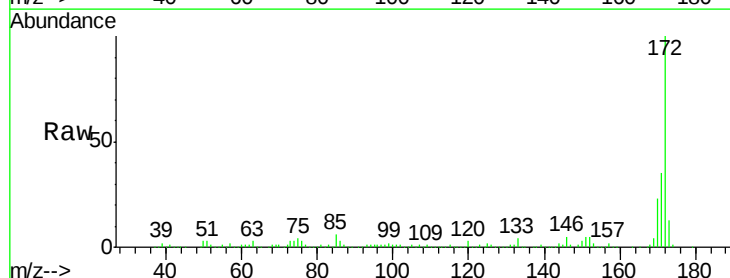


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

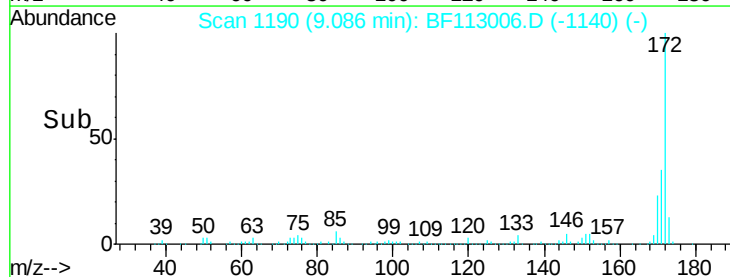
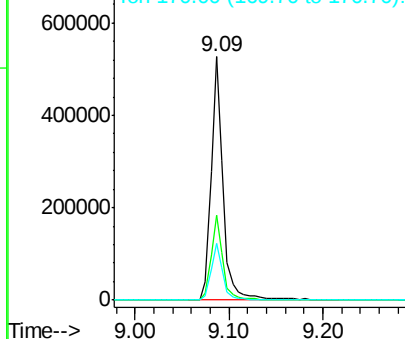


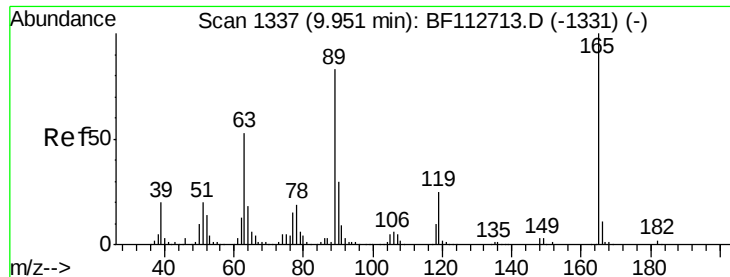
#45
 2-Fluorobiphenyl
 Concen: 25.122 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113006.D
 Acq: 12 Mar 2019 16:46

Tgt Ion:172 Resp: 478664
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.4
 170 23.3 20.0 30.0



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

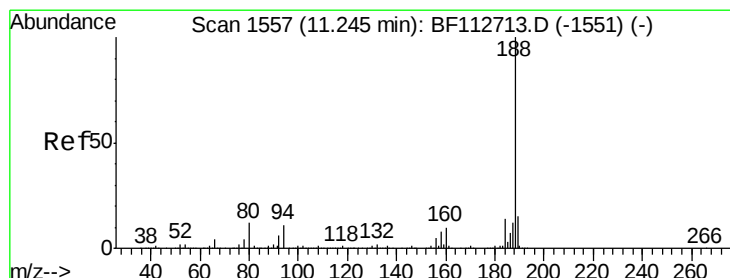
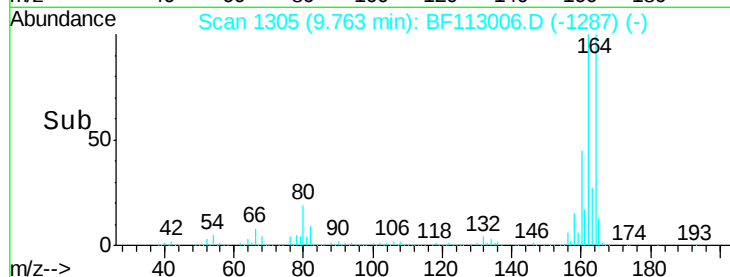
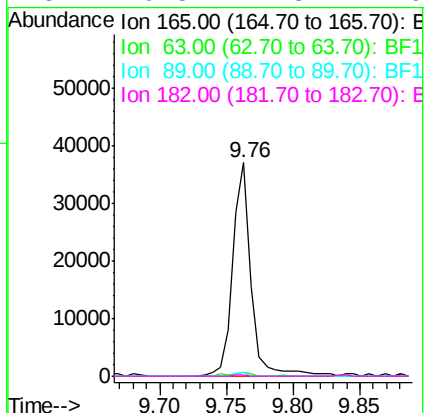
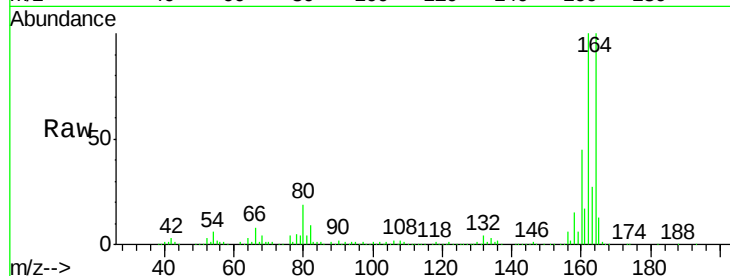




#57
 2,4-Dinitrotoluene
 Concen: 7.362 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF113006.D
 Acq: 12 Mar 2019 16:46

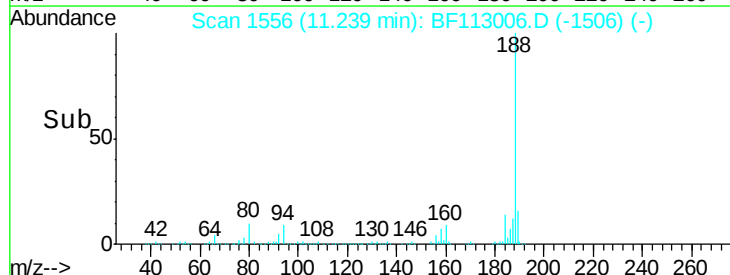
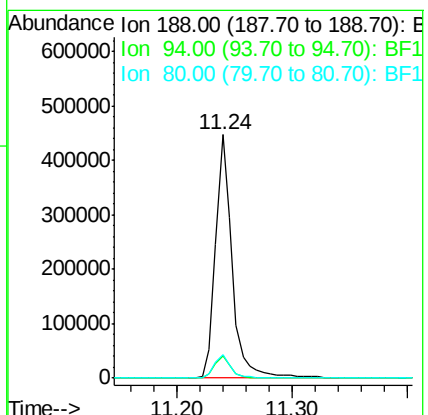
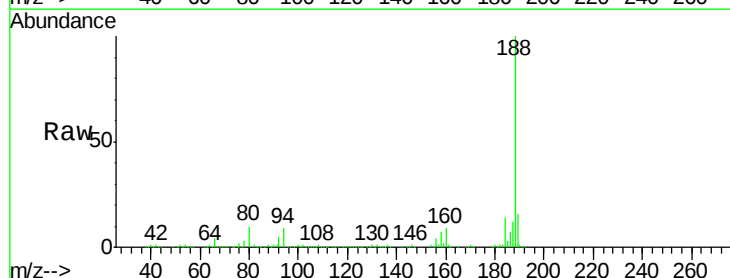
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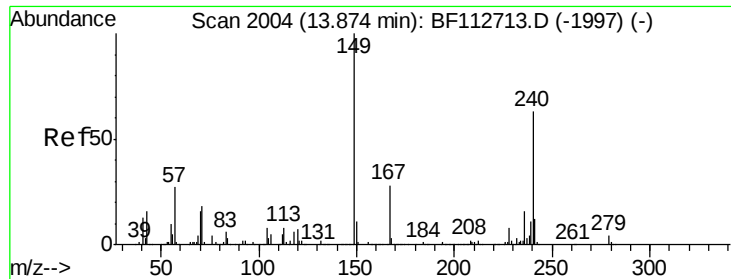
Tgt Ion:165 Resp: 36245
 Ion Ratio Lower Upper
 165 100
 63 1.6 42.2 63.2#
 89 2.0 66.2 99.4#
 182 0.8 1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF113006.D
 Acq: 12 Mar 2019 16:46

Tgt Ion:188 Resp: 446034
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.0 13.4
 80 9.7 9.2 13.8

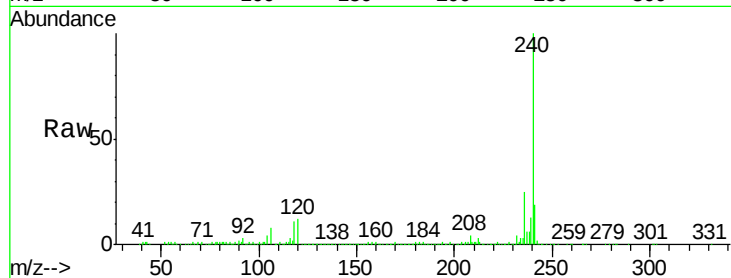




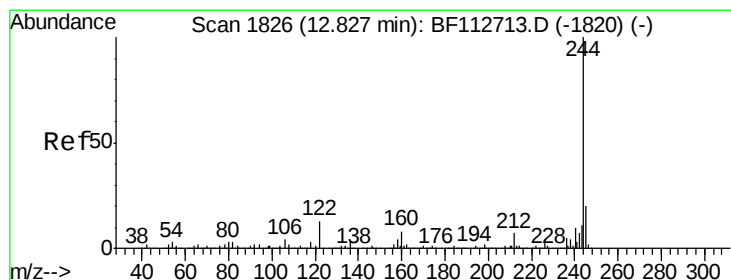
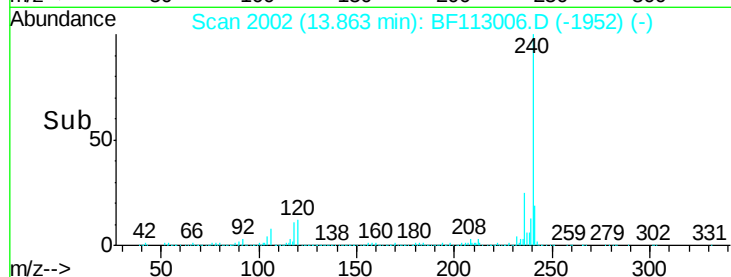
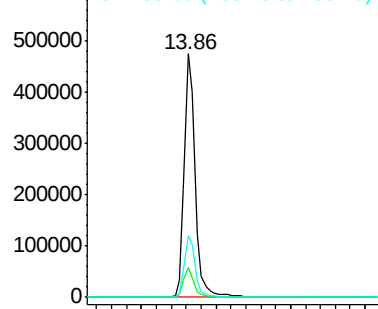
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113006.D
Acq: 12 Mar 2019 16:46

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-C

Tgt Ion:240 Resp: 483469
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.4 20.7 31.1

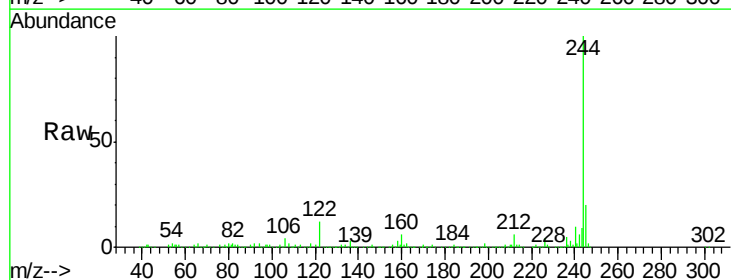


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

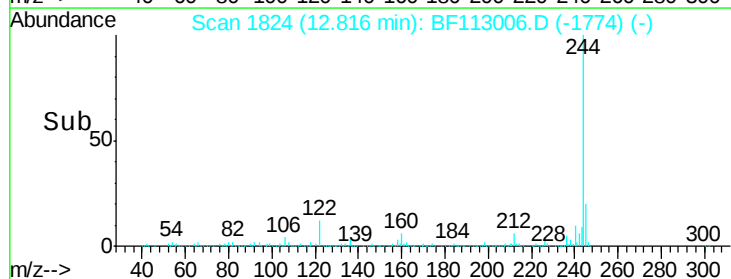
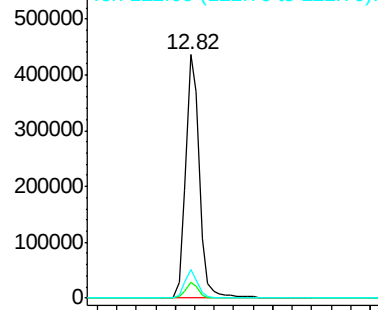


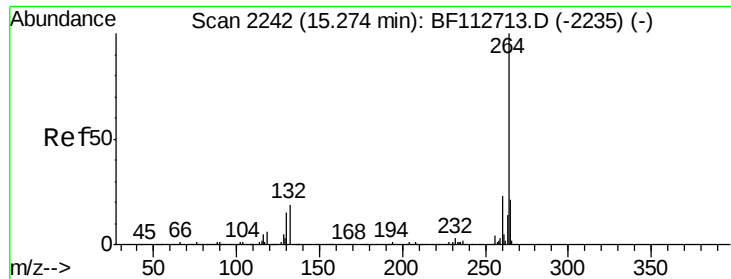
#79
Terphenyl-d14
Concen: 17.199 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113006.D
Acq: 12 Mar 2019 16:46

Tgt Ion:244 Resp: 428945
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 11.5 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: BF113006.D
Acq: 12 Mar 2019 16:46

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-C

Tgt Ion: 264 Resp: 494924

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	17.2	25.8

