

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118189.D
 Acq On : 13 Dec 2019 16:39
 Operator : JU
 Sample : K6235-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Dec 13 22:46:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

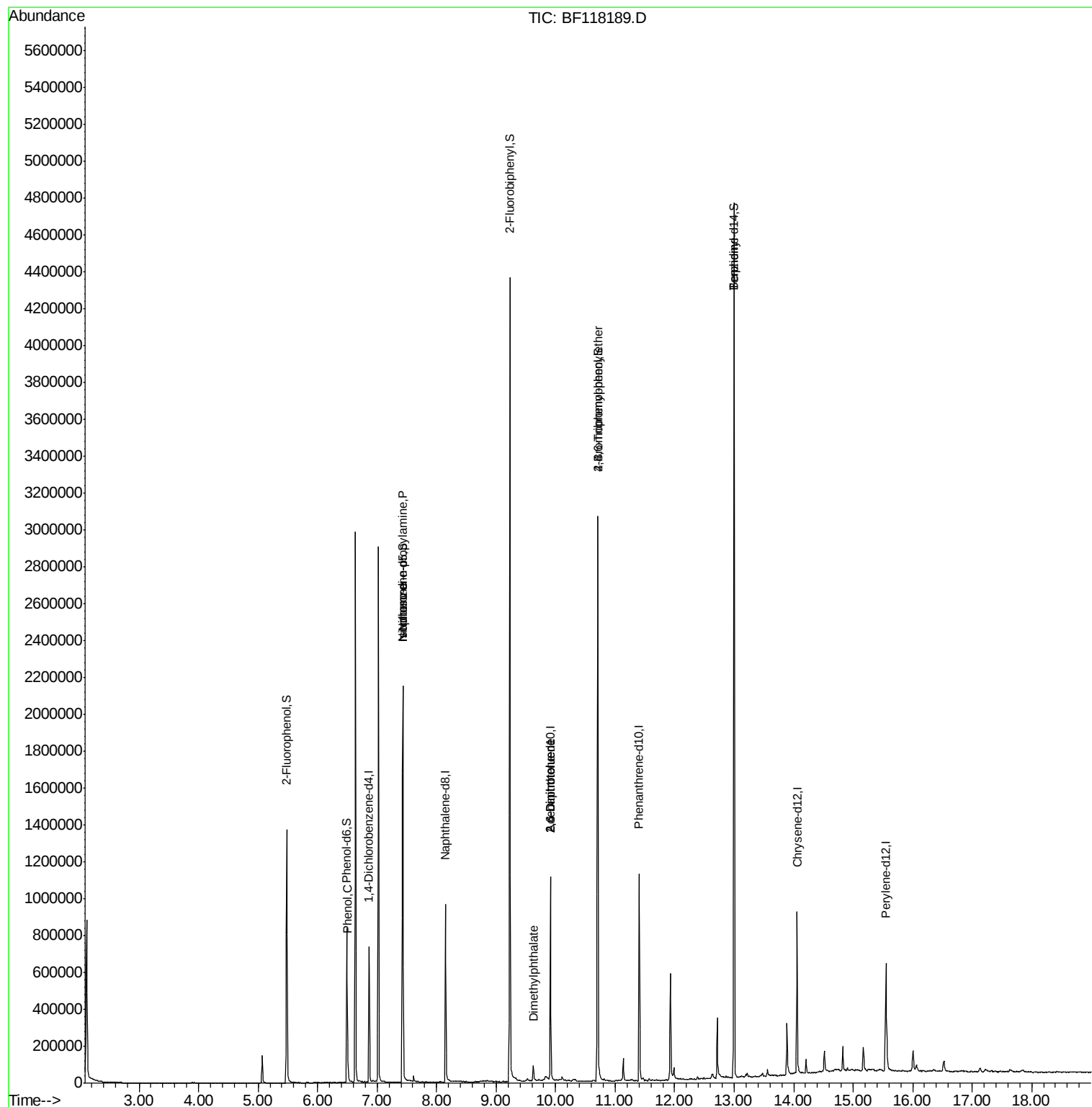
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117915	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	450388	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	239778	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	444180	20.00	ng	0.00
76) Chrysene-d12	14.06	240	283469	20.00	ng	-0.01
87) Perylene-d12	15.55	264	278175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	377921	56.13	ng	0.00
7) Phenol-d6	6.49	99	276306	33.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	712868	89.04	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	399665	137.21	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1388821	88.14	ng	0.00
79) Terphenyl-d14	13.00	244	1720242	104.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	18524	Below Cal		Qvalue # 74
10) Phenol	6.50	94	23857	2.569 ng		93
19) n-Nitroso-di-n-propylamine	7.43	70	100304	20.271 ng	#	76
25) Isophorone	7.43	82	709042	52.245 ng	#	62
50) Dimethylphthalate	9.63	163	37662	2.126 ng	#	99
51) 2,6-Dinitrotoluene	9.92	165	30393	7.892 ng	#	27
57) 2,4-Dinitrotoluene	9.92	165	30393	5.913 ng	#	25
67) 4-Bromophenyl-phenylether	10.71	248	25420	5.013 ng	#	1
77) Benzidine	13.00	184	24006	3.217 ng	#	89

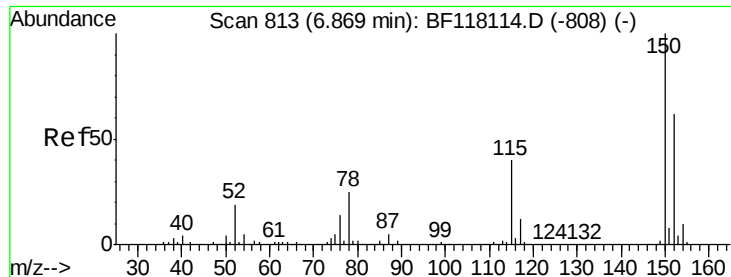
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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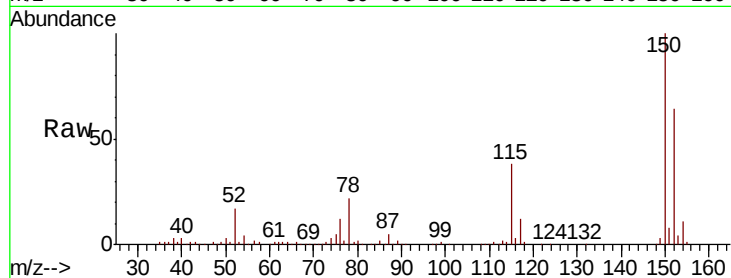


#1

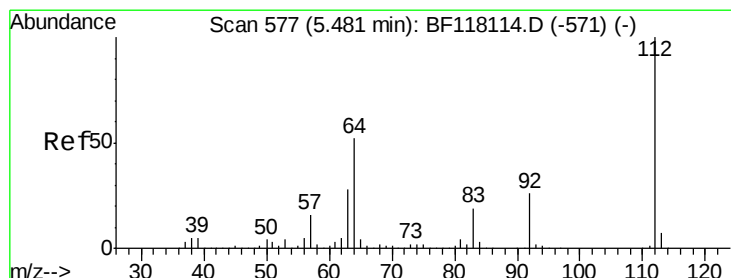
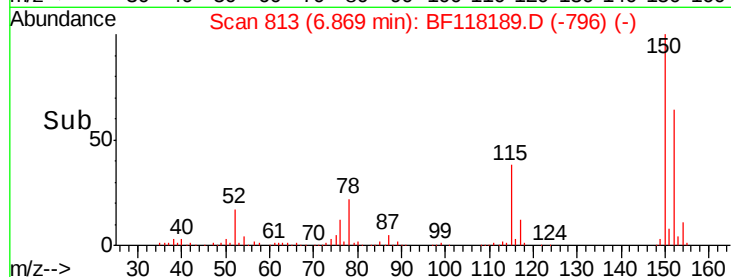
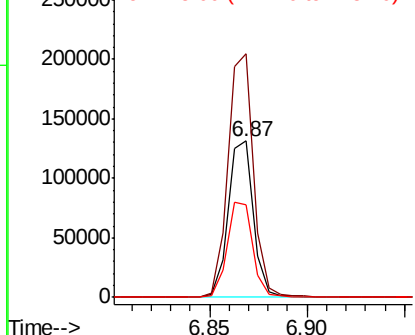
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion:152 Resp: 117915
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 58.9 51.1 76.7



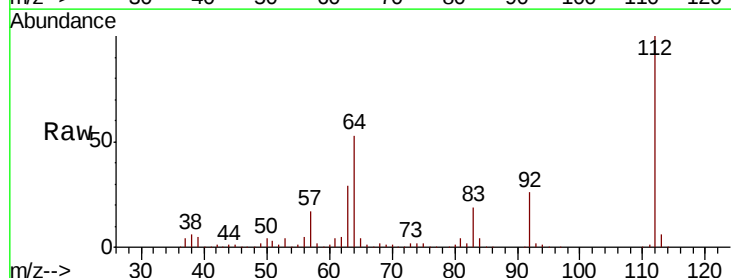
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



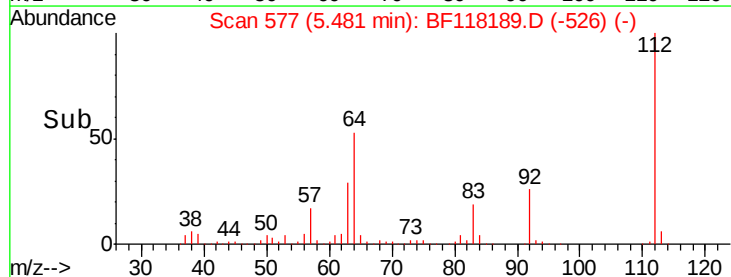
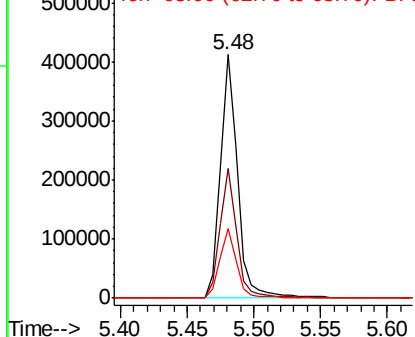
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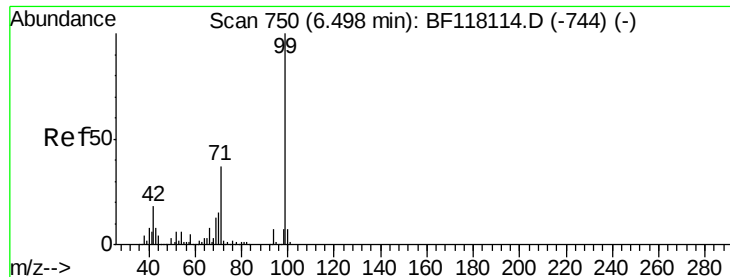
2-Fluorophenol
Concen: 56.135 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion:112 Resp: 377921
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 28.6 22.4 33.6



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: 33.932 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

Instrument :

BNA_F

ClientSampled :

MW-07

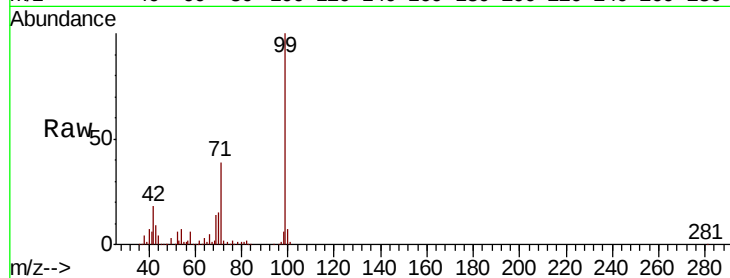
Tot Ion: 99 Resp: 276306

Ion Ratio Lower Upper

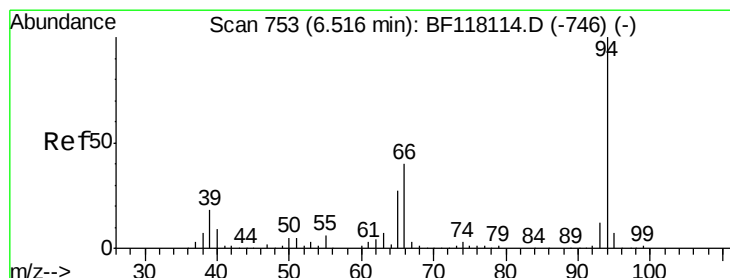
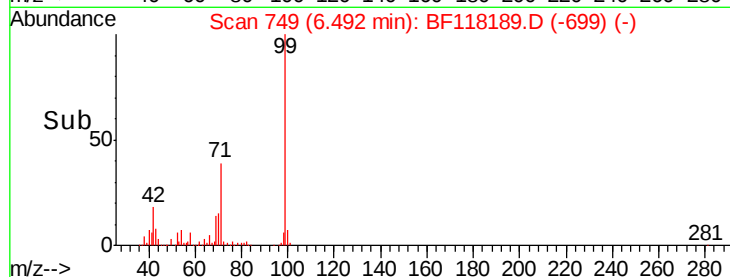
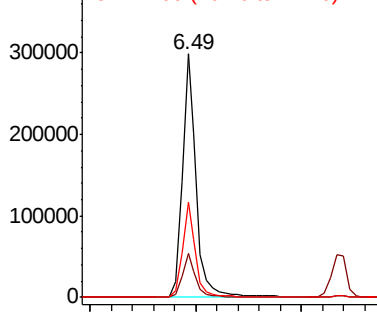
99 100

42 18.1 14.1 21.1

71 39.1 29.7 44.5



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



#10

Phenol

Concen: 2.569 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

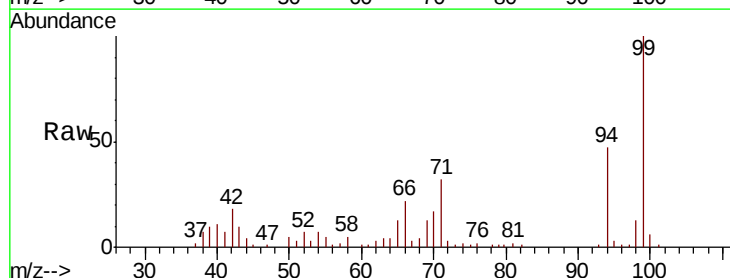
Tgt Ion: 94 Resp: 23857

Ion Ratio Lower Upper

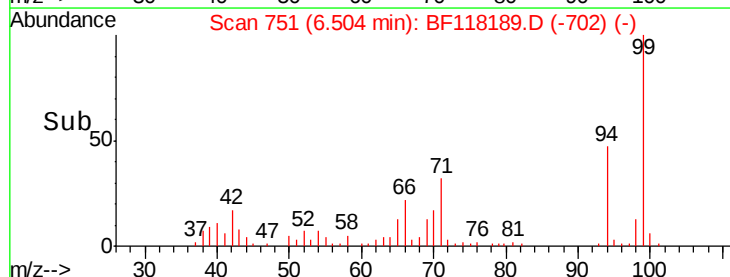
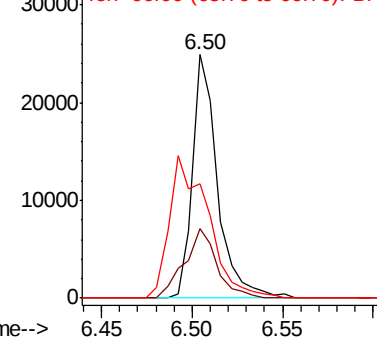
94 100

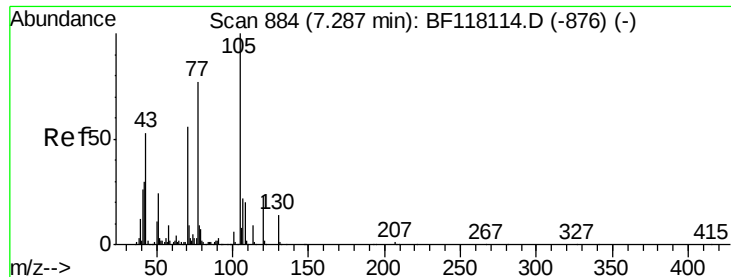
65 28.3 7.3 47.3

66 46.9 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

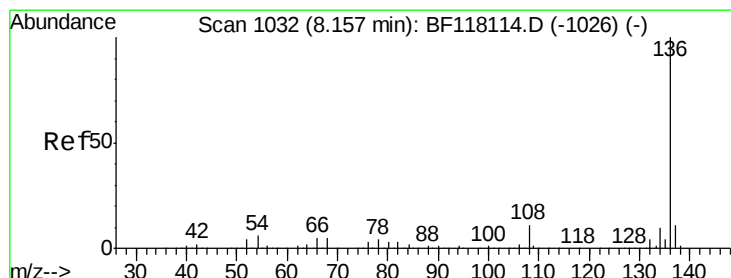
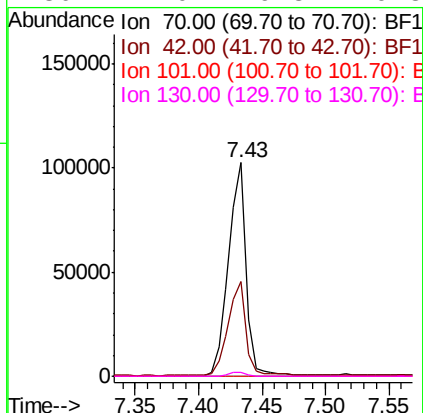
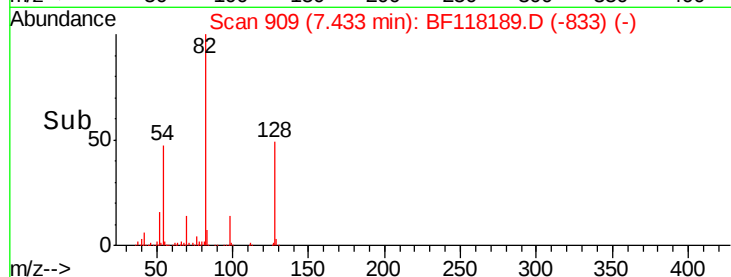
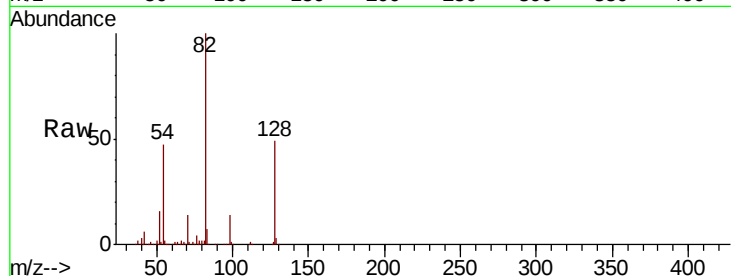




#19
n-Nitroso-di-n-propylamine
Concen: 20.271 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

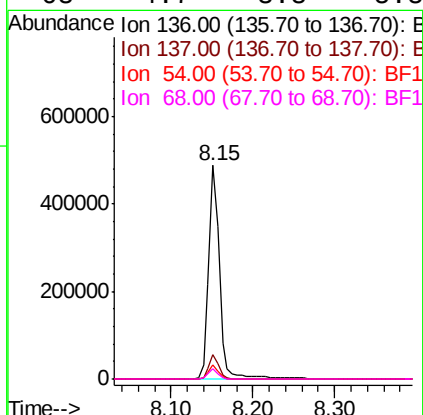
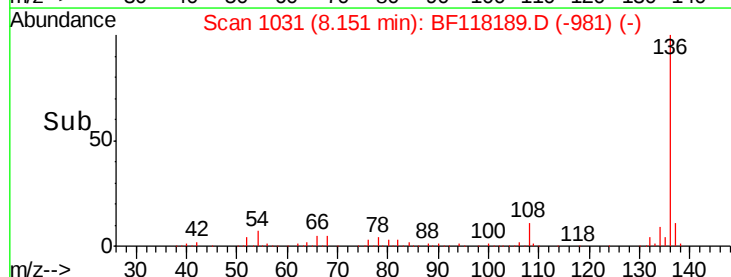
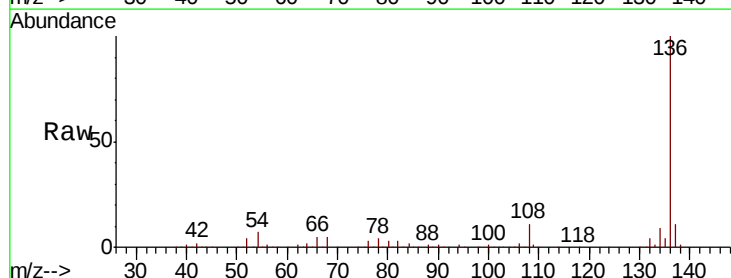
Instrument :
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ClientSampleId :
MW-07

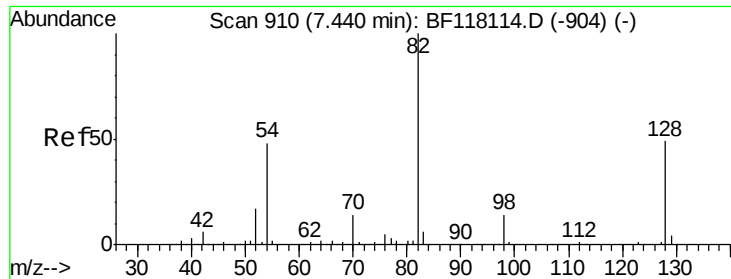
Tot Ion: 70 Resp: 100304
Ion Ratio Lower Upper
70 100
42 44.2 43.2 64.8
101 0.0 8.1 12.1#
130 2.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion: 136 Resp: 450388
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 6.5 5.0 7.6
68 4.7 3.8 5.8

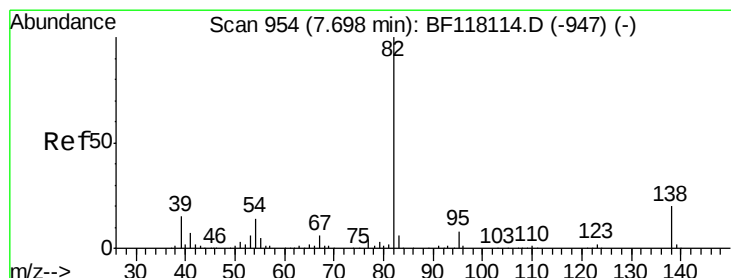
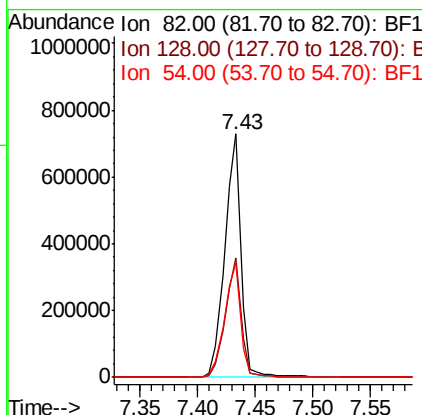
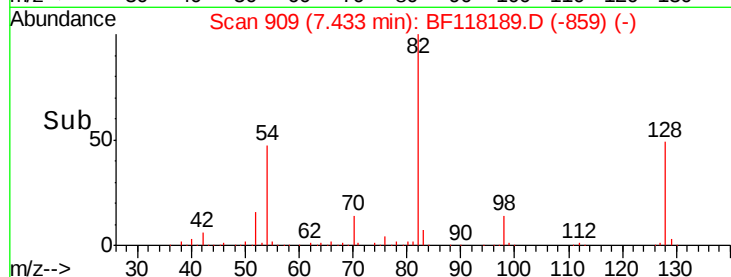
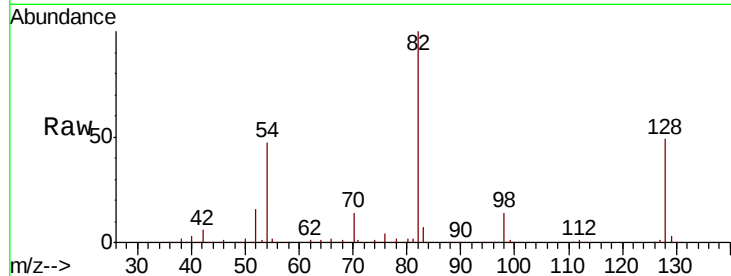




#23
 Nitrobenzene-d5
 Concen: 89.044 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

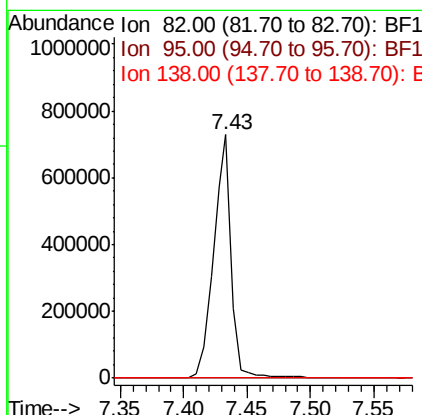
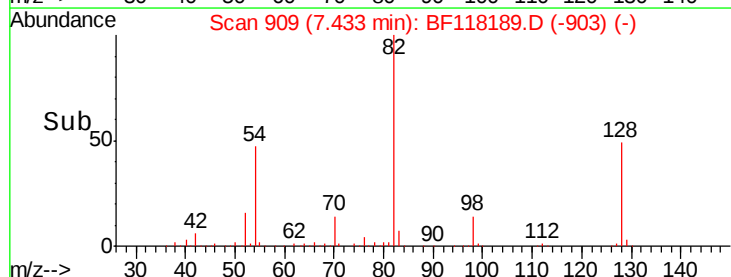
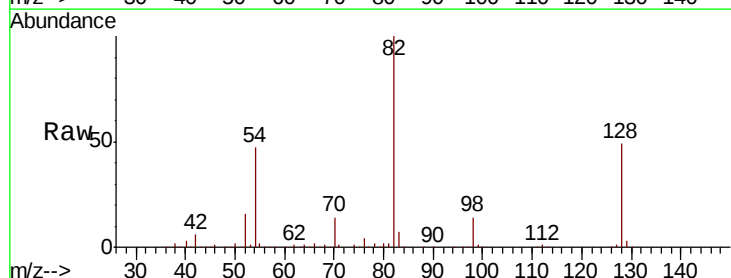
Instrument :
 BNA_F
 ClientSampled :
 MW-07

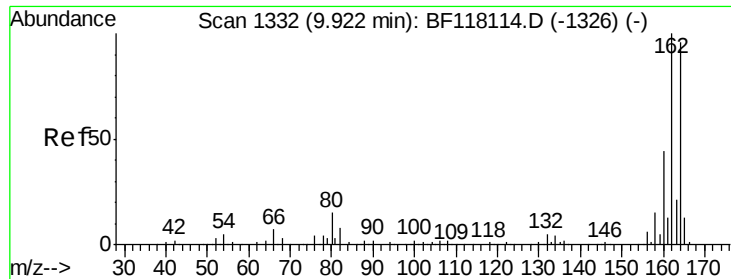
Tot Ion	82	Resp	712868
Ion Ratio	Lower	Upper	
82	100		
128	49.1	39.1	58.7
54	47.1	38.2	57.2



#25
 Isophorone
 Concen: 52.245 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

Tgt Ion	82	Resp	709042
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

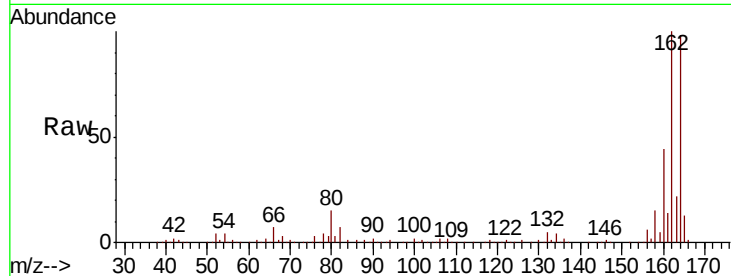




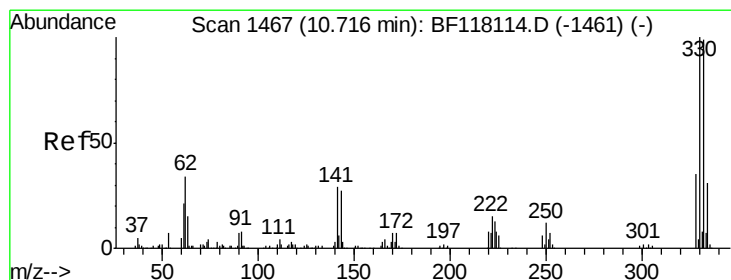
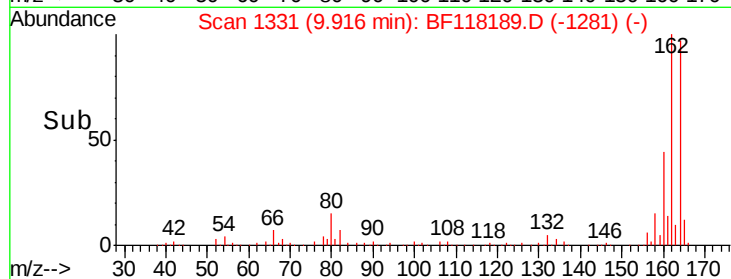
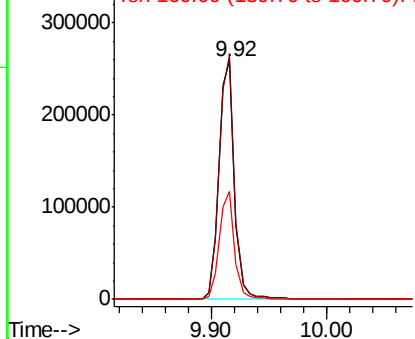
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion:164 Resp: 239778
Ion Ratio Lower Upper
164 100
162 102.3 83.4 125.0
160 45.2 36.6 54.8

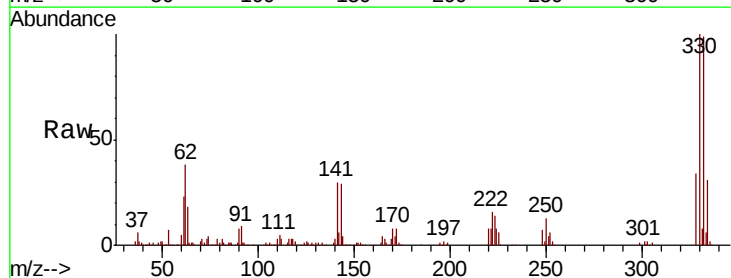


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

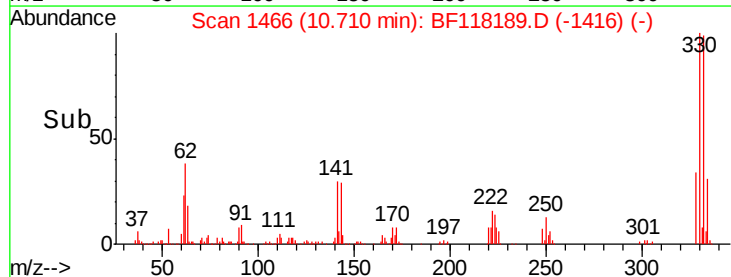
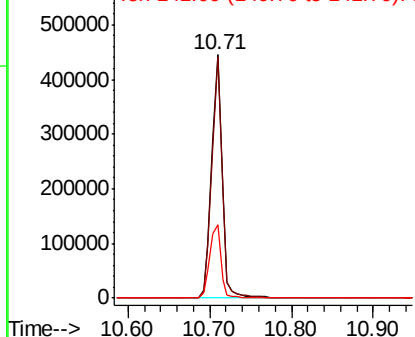


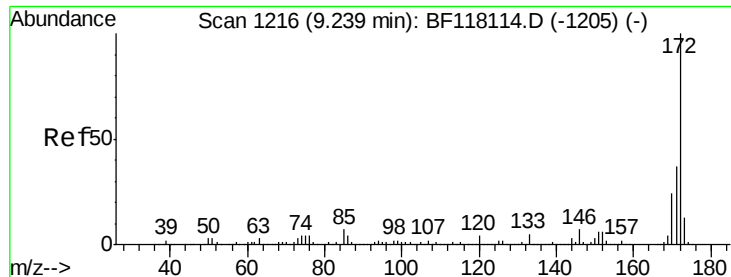
#42
2,4,6-Tribromophenol
Concen: 137.207 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion:330 Resp: 399665
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 32.5 26.9 40.3



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

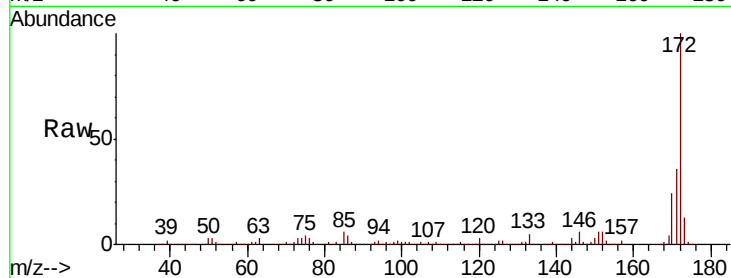




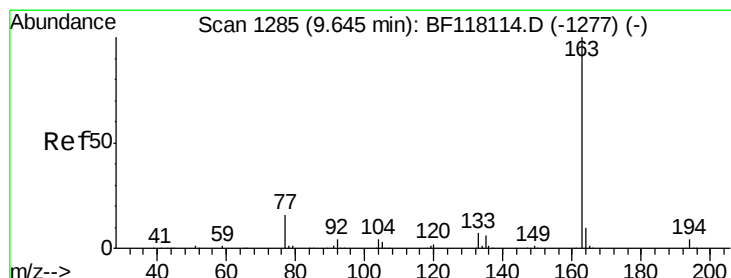
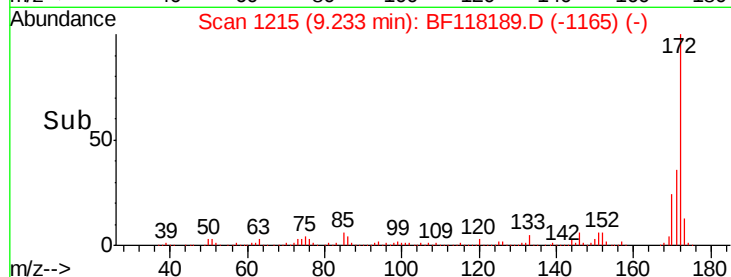
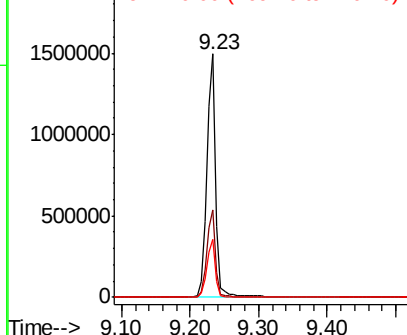
#45
2-Fluorobiphenyl
Concen: 88.135 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion:172 Resp: 1388821
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.8 19.4 29.2

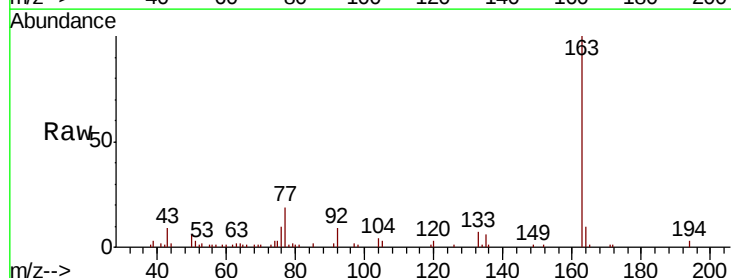


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

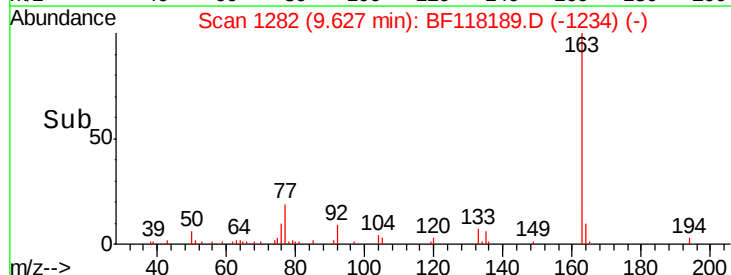
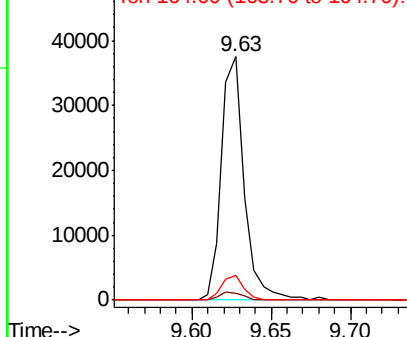


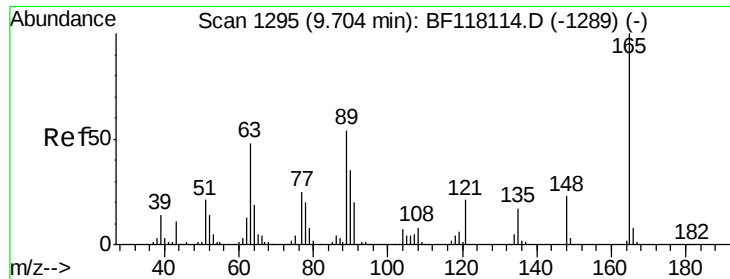
#50
Dimethylphthalate
Concen: 2.126 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion:163 Resp: 37662
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 10.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
50000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

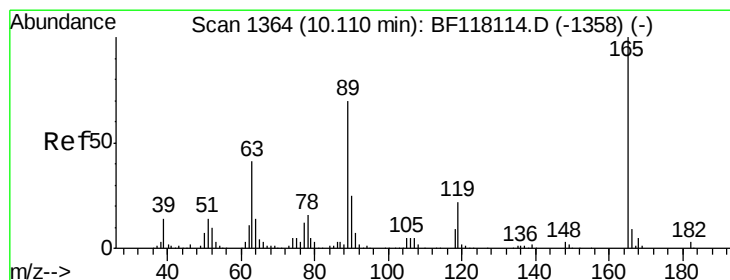
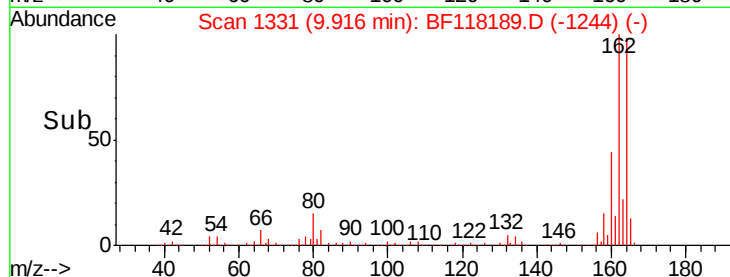
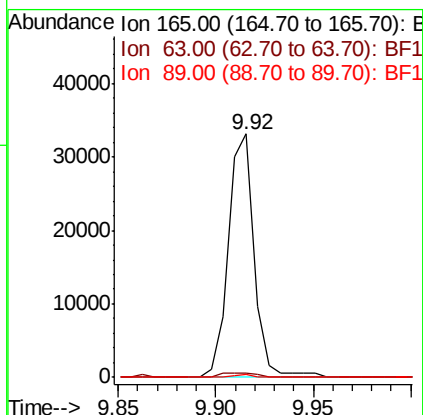
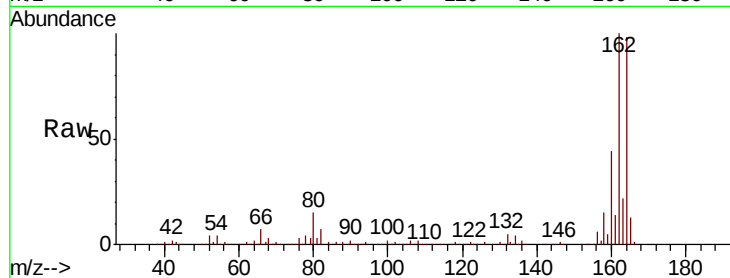




#51
 2,6-Dinitrotoluene
 Concen: 7.892 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

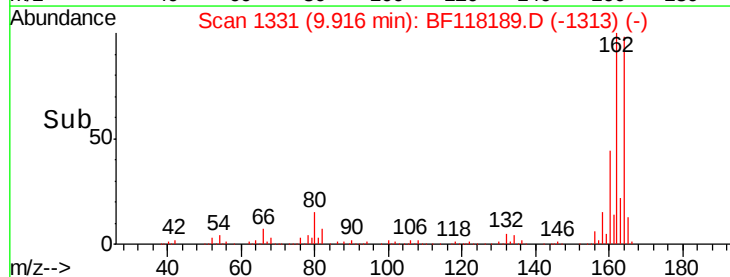
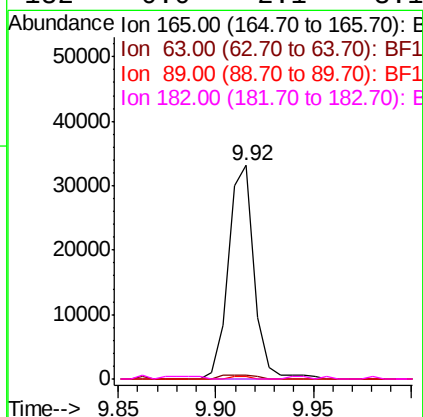
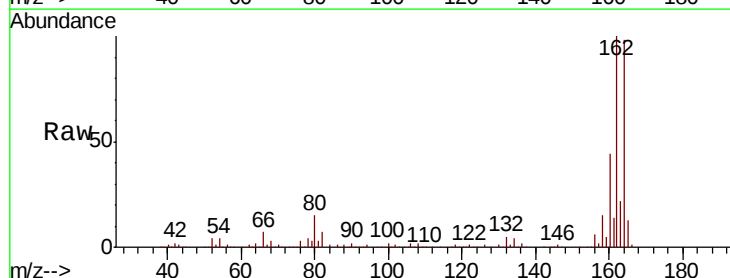
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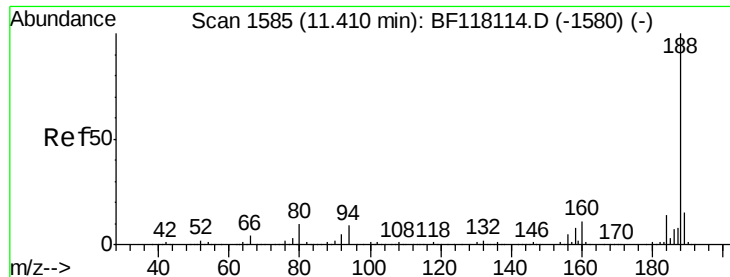
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.4	62.0#
89	1.0	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.913 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.6	49.0#
89	1.0	56.1	84.1#
182	0.0	2.1	3.1#

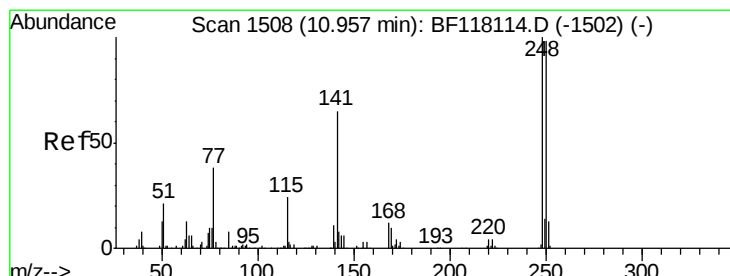
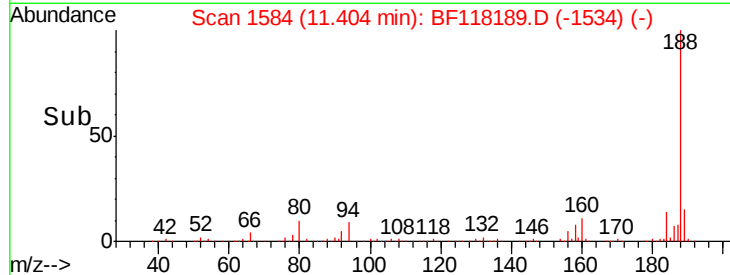
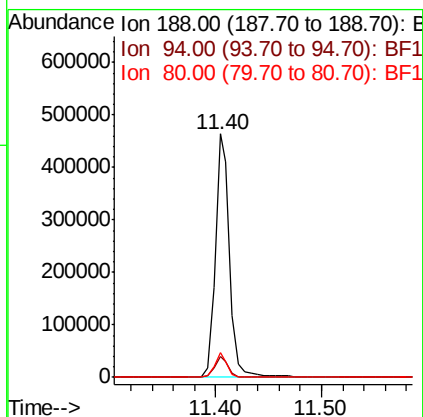
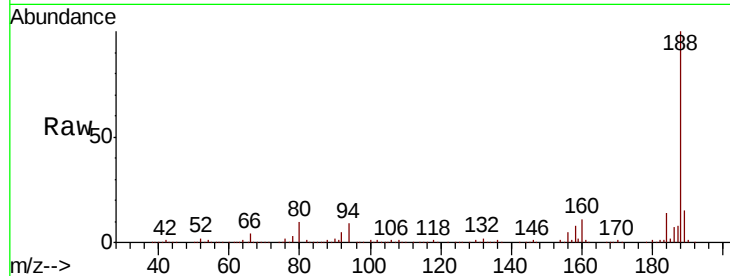




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

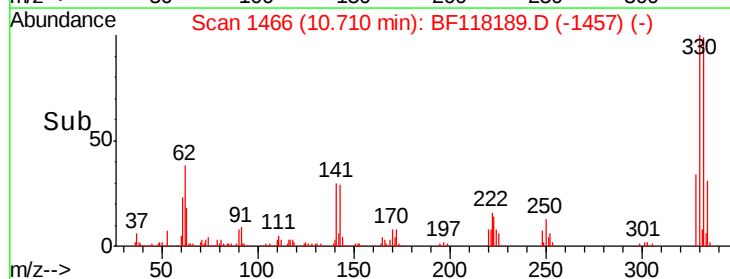
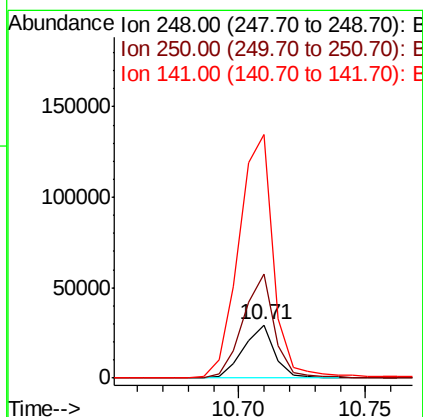
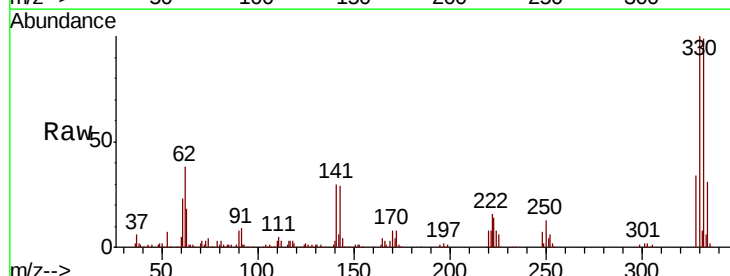
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

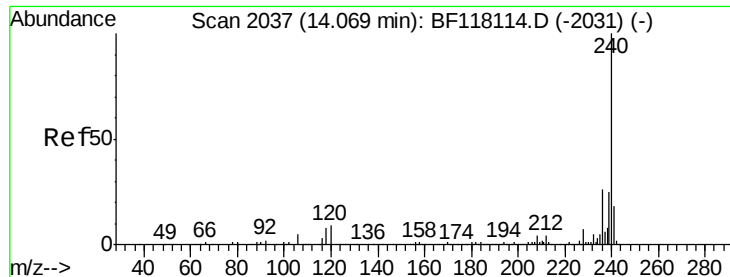
Tot Ion:188 Resp: 444180
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.1 10.7
 80 10.0 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 5.013 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

Tgt Ion:248 Resp: 25420
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.3 117.5#
 141 456.6 52.2 78.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

MW-07

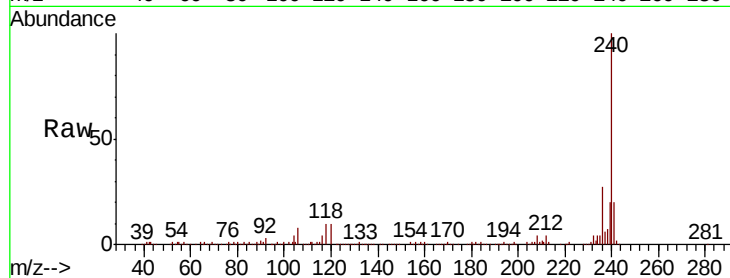
Tot Ion:240 Resp: 283469

Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

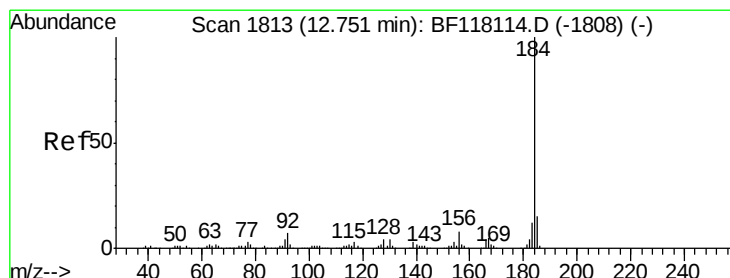
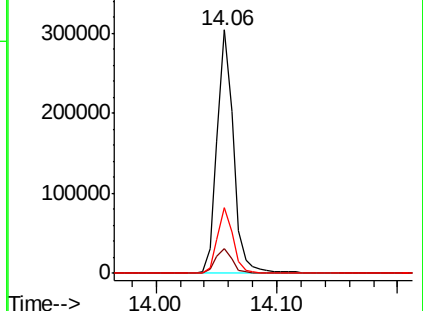
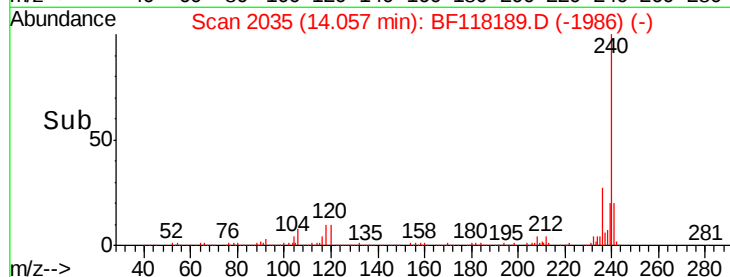
236 27.0 21.0 31.6



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



#77

Benzidine

Concen: 3.217 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.25 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

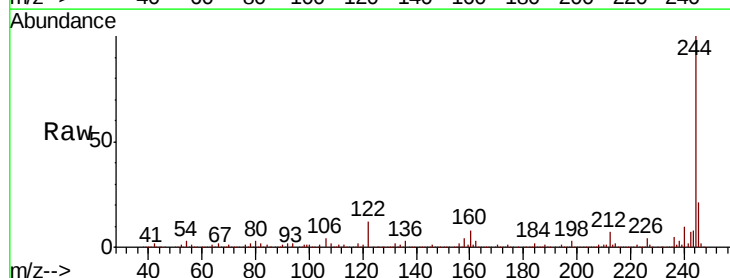
Tgt Ion:184 Resp: 24006

Ion Ratio Lower Upper

184 100

185 17.9 12.3 18.5

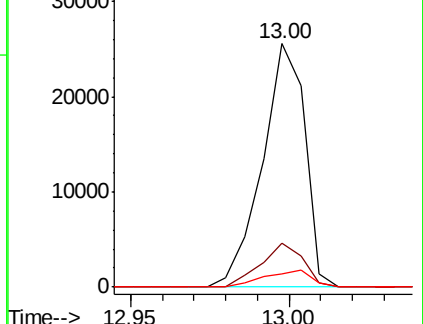
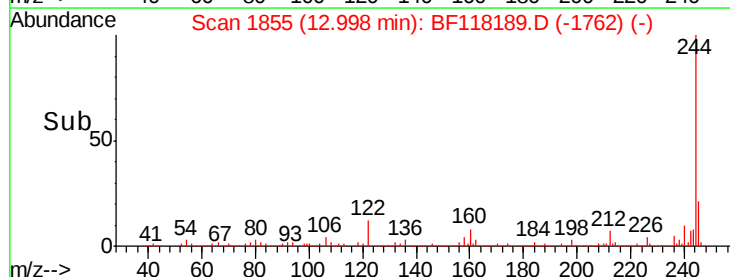
183 5.5 9.9 14.9#

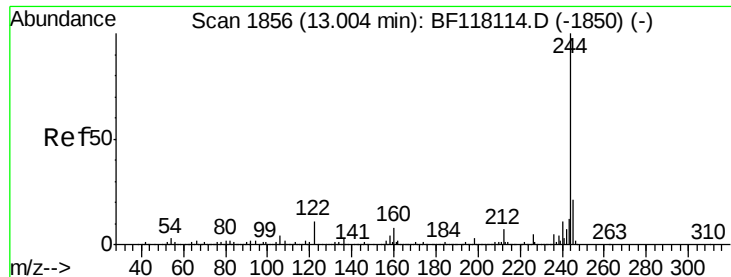


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 104.356 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

MW-07

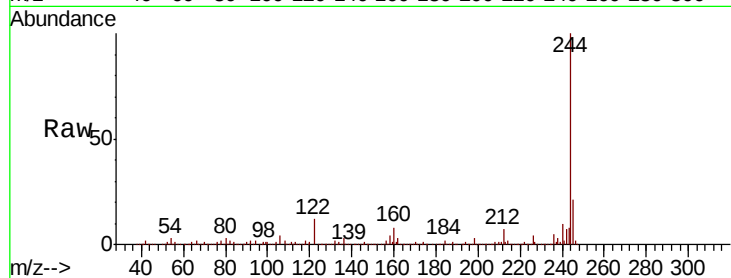
Tot Ion:244 Resp: 1720242

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

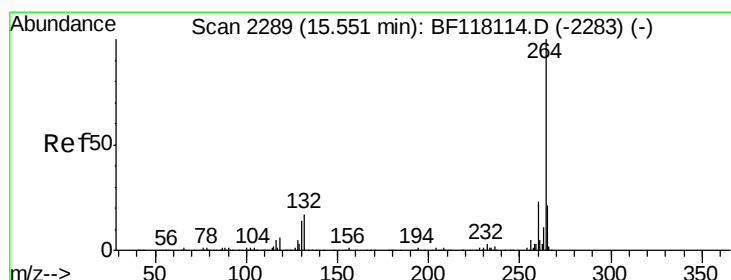
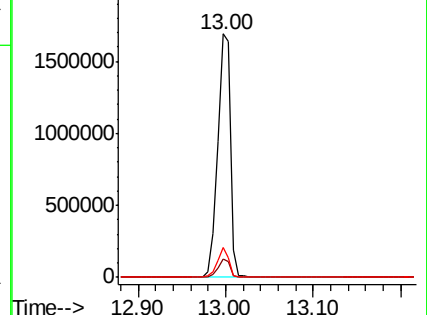
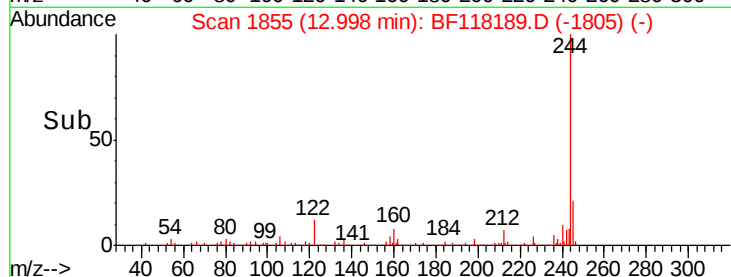
122 12.1 9.0 13.6



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: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

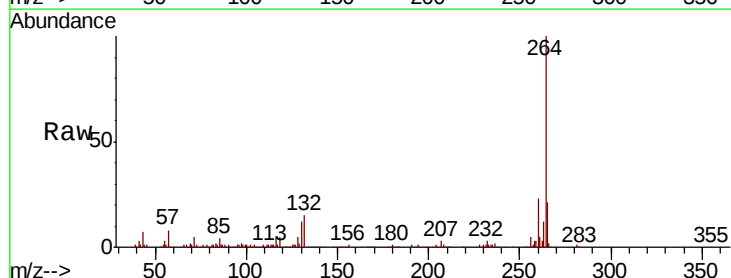
Tgt Ion:264 Resp: 278175

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 20.7 16.8 25.2



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

