

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
 Data File : BF120191.D
 Acq On : 24 Apr 2020 10:12
 Operator : MA/SJ
 Sample : L2330-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-2

Quant Time: Apr 24 11:09:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	151194	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	590378	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	302057	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	556368	20.00	ng	0.00
76) Chrysene-d12	13.82	240	334278	20.00	ng	-0.01
87) Perylene-d12	15.22	264	263840	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	634610	72.54	ng	0.00
7) Phenol-d6	6.30	99	526031	46.66	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1086666	95.22	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	482453	130.46	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2018145	94.86	ng	0.00
79) Terphenyl-d14	12.77	244	2169391	109.20	ng	0.00

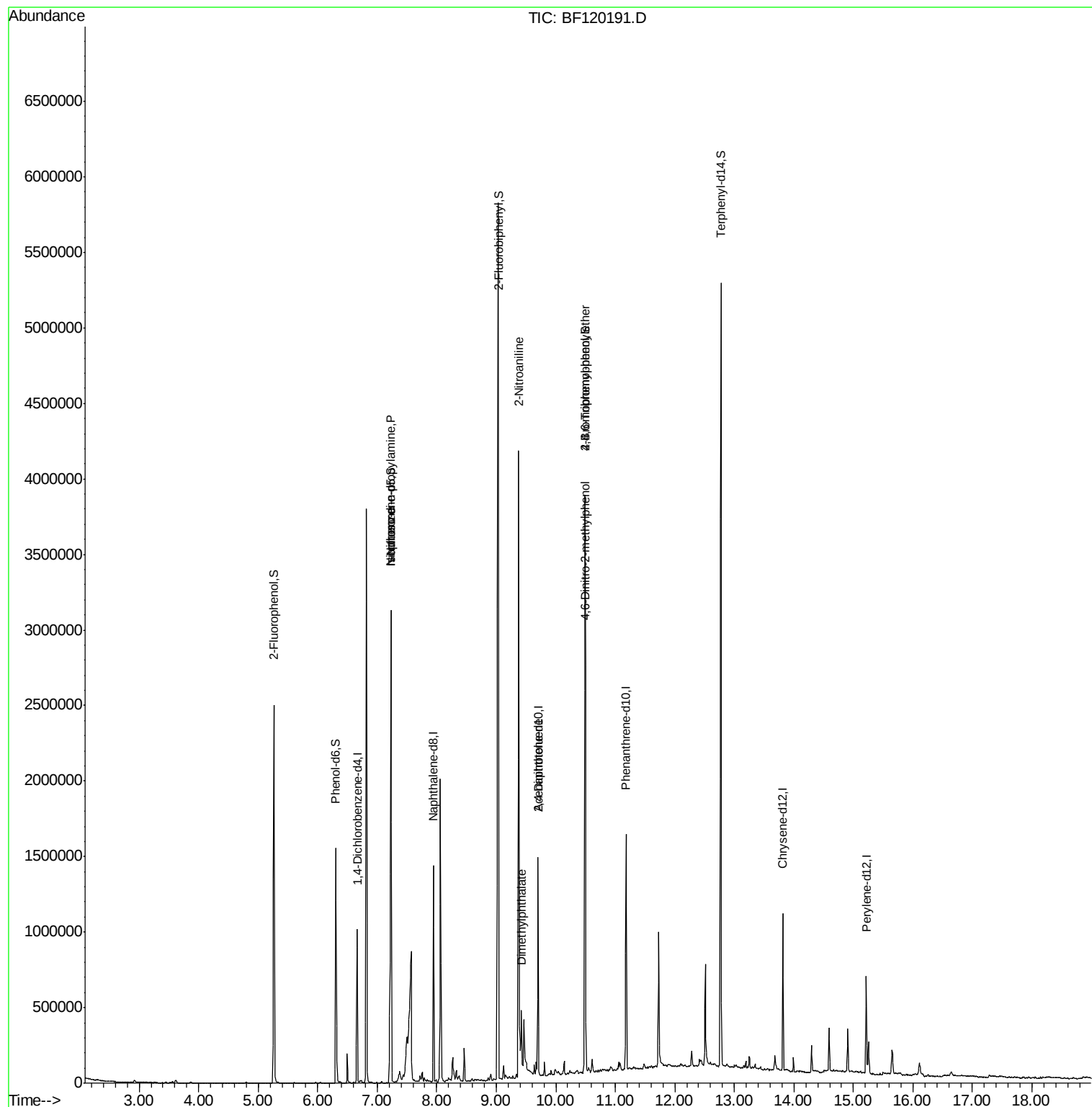
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	525	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.23	70	141447	19.512	ng	# 76
25) Isophorone	7.23	82	1082249	49.196	ng	# 65
48) 2-Nitroaniline	9.37	65	51955	7.300	ng	# 11
50) Dimethylphthalate	9.42	163	112582	4.819	ng	# 99
57) 2,4-Dinitrotoluene	9.70	165	39455	5.853	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.50	198	11073	3.021	ng	# 43
67) 4-Bromophenyl-phenylether	10.49	248	30742	4.443	ng	# 1

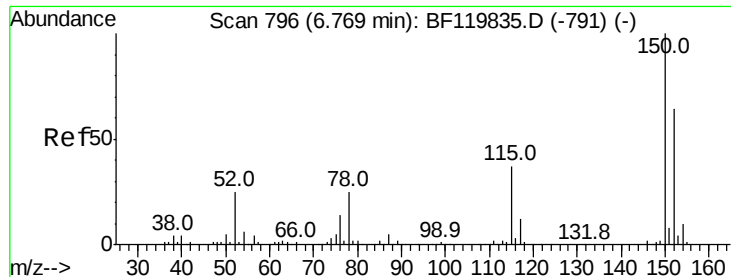
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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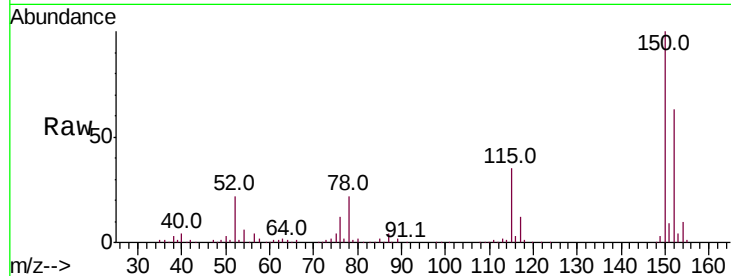


#1

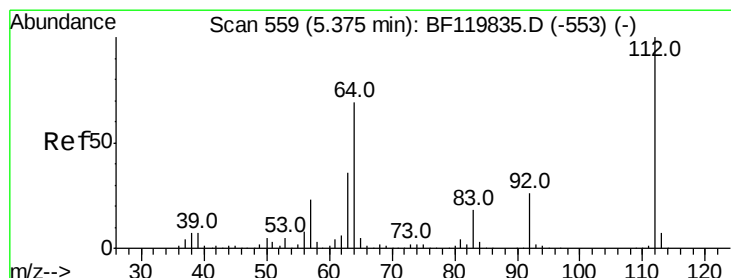
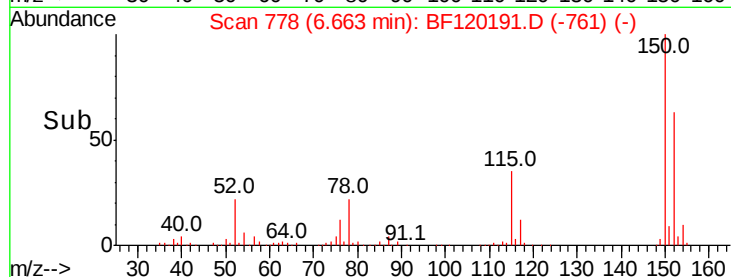
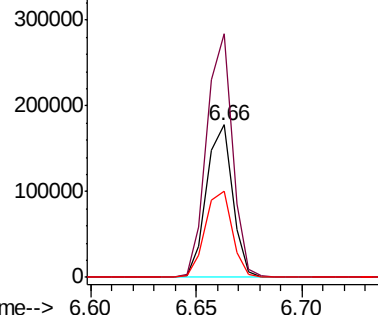
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120191.D
Acq: 24 Apr 2020 10:12

Instrument :
BNA_F
ClientSampleId :
WB-TWP-2

Tot Ion:152 Resp: 151194
Ion Ratio Lower Upper
152 100
150 159.8 124.5 186.7
115 56.3 49.6 74.4



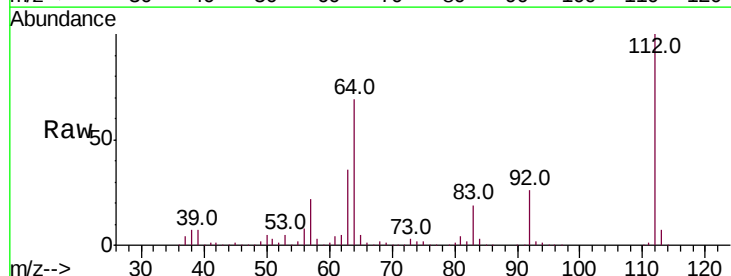
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



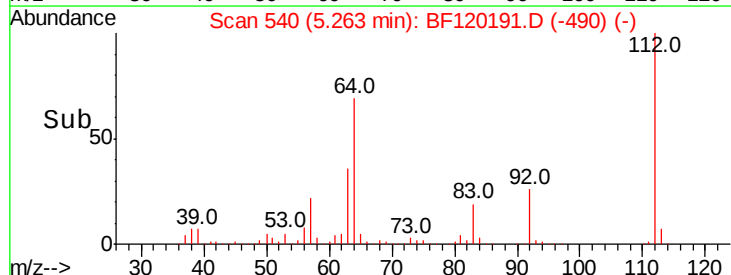
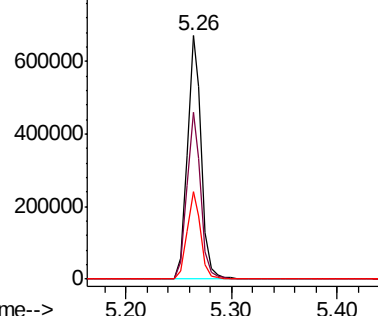
#5

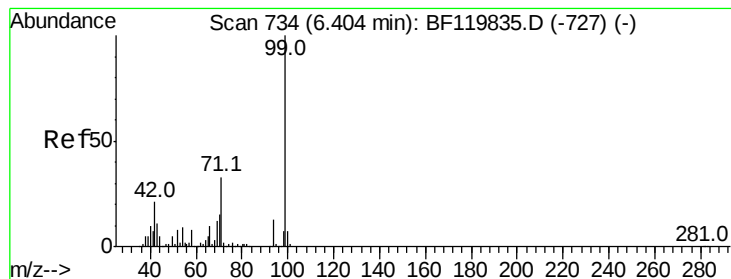
2-Fluorophenol
Concen: 72.537 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF120191.D
Acq: 24 Apr 2020 10:12

Tgt Ion:112 Resp: 634610
Ion Ratio Lower Upper
112 100
64 68.5 56.7 85.1
63 35.7 29.5 44.3



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: 46.662 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120191.D

Acq: 24 Apr 2020 10:12

Instrument :

BNA_F

ClientSampleId :

WB-TWP-2

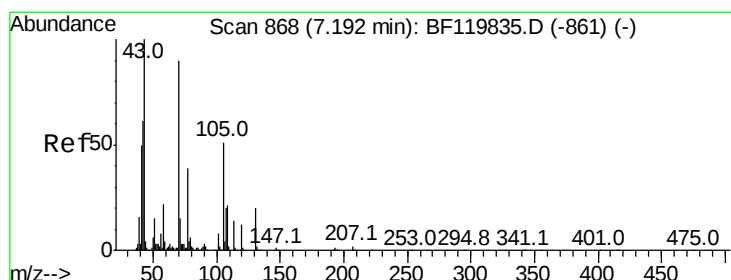
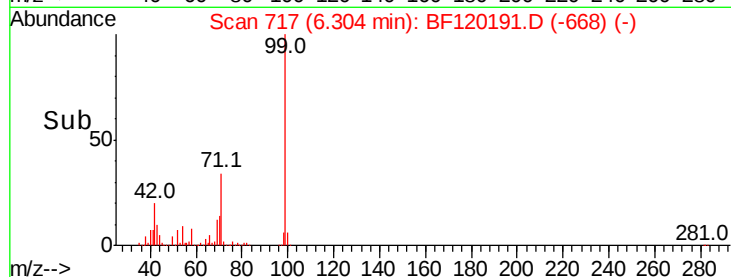
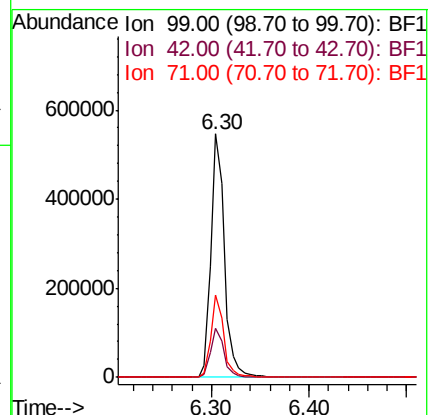
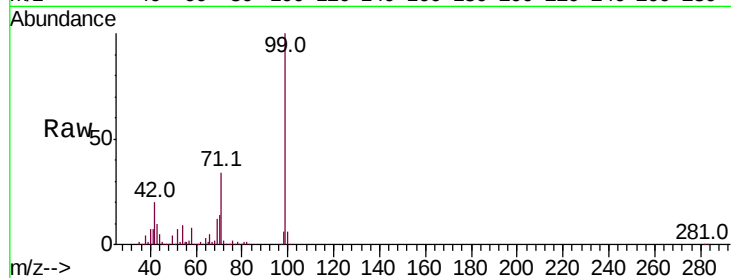
Tot Ion: 99 Resp: 526031

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.512 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120191.D

Acq: 24 Apr 2020 10:12

Tgt Ion: 70 Resp: 141447

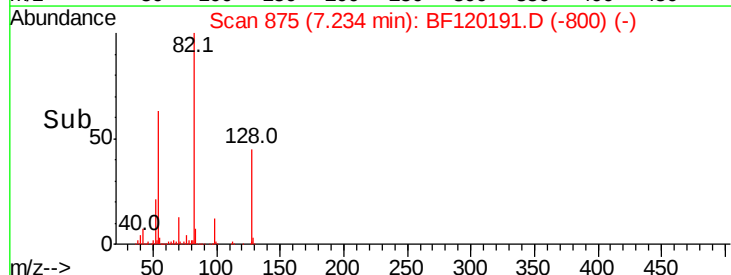
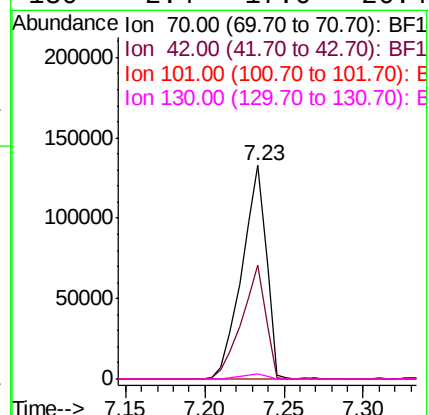
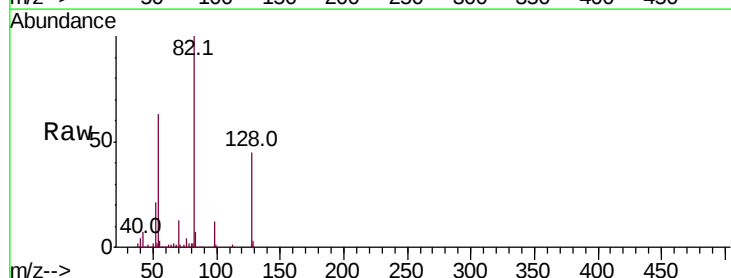
Ion Ratio Lower Upper

70 100

42 53.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

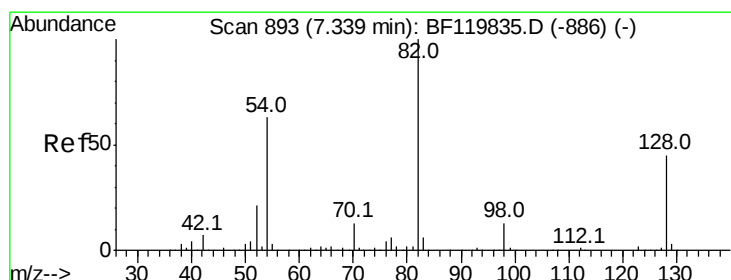
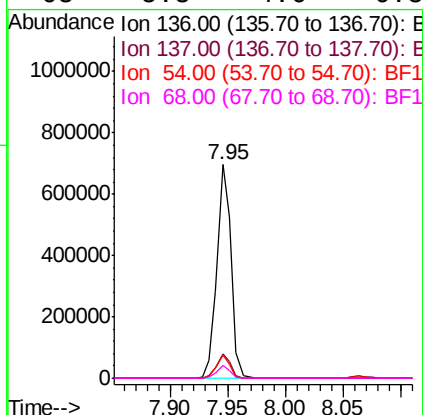
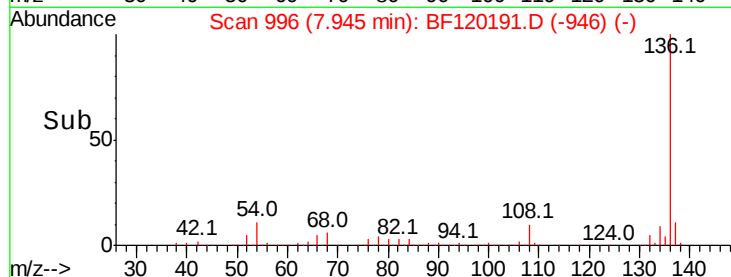
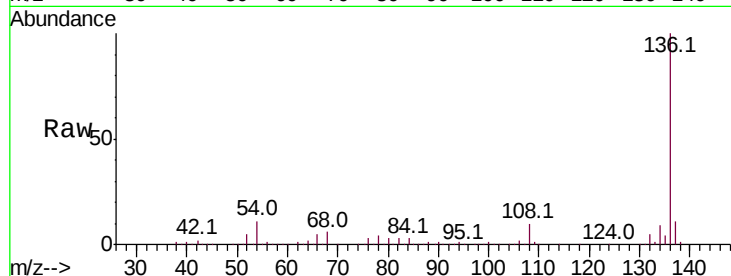




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120191.D
Acq: 24 Apr 2020 10:12

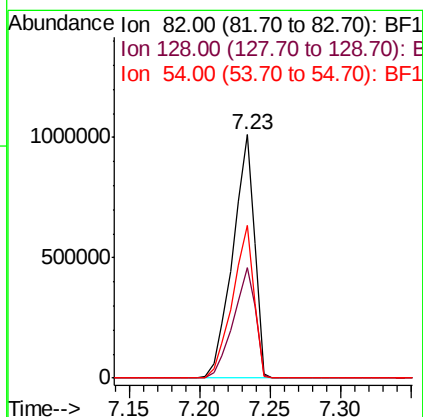
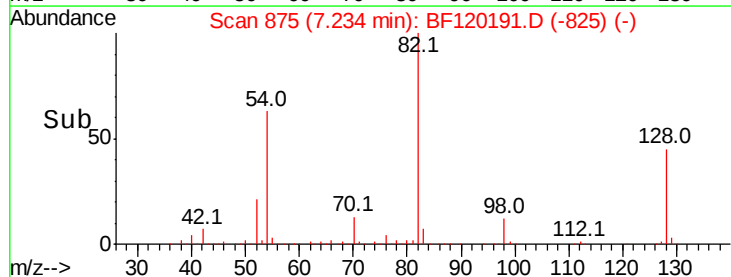
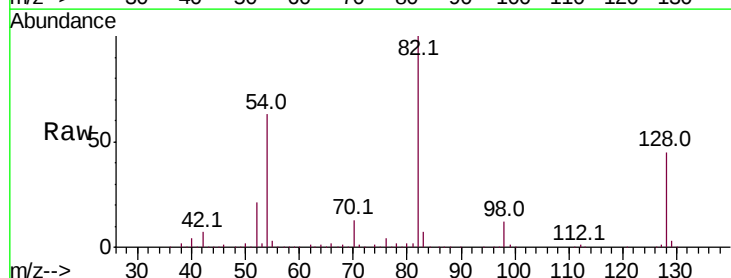
Instrument :
BNA_F
ClientSampleId :
WB-TWP-2

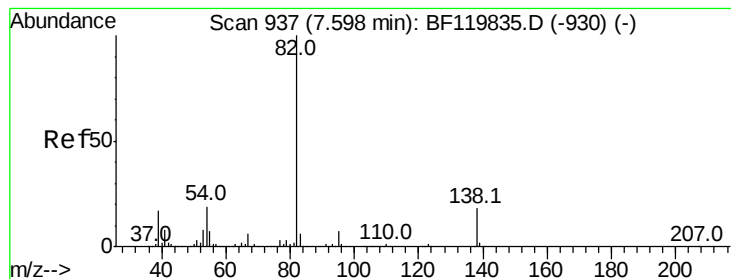
Tot Ion:	136	Resp:	590378
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	9.1	13.7
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 95.222 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120191.D
Acq: 24 Apr 2020 10:12

Tgt Ion:	82	Resp:	1086666
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	62.6	50.6	75.8





#25

Isophorone

Concen: 49.196 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120191.D

Acq: 24 Apr 2020 10:12

Instrument :

BNA_F

ClientSampleId :

WB-TWP-2

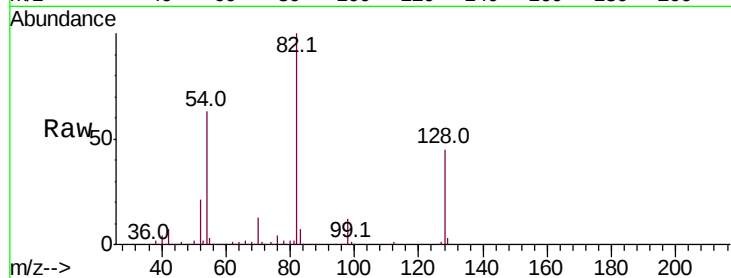
Tot Ion: 82 Resp: 1082249

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

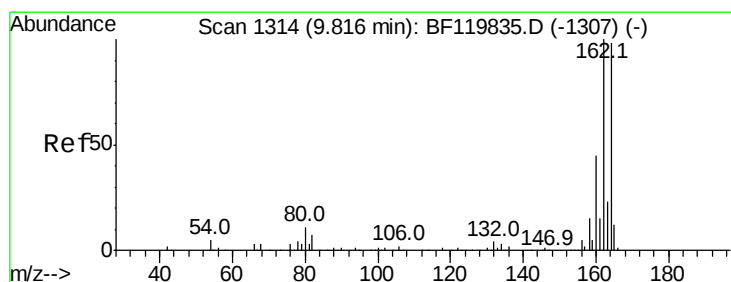
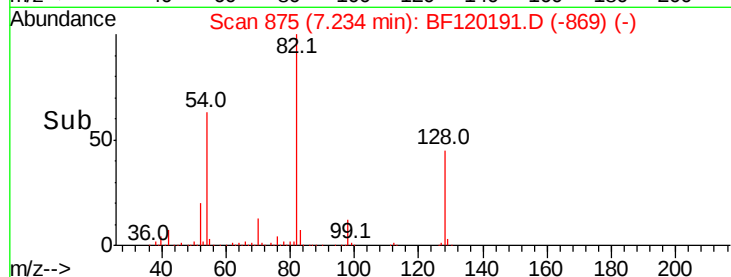
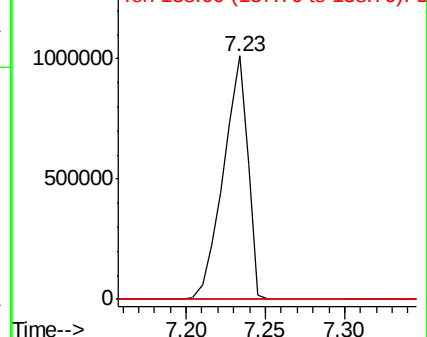
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF120191.D

Acq: 24 Apr 2020 10:12

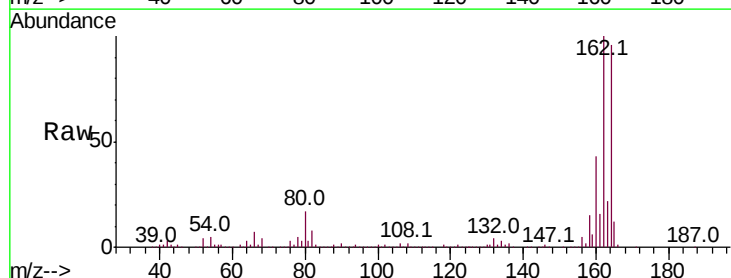
Tgt Ion:164 Resp: 302057

Ion Ratio Lower Upper

164 100

162 104.6 80.6 121.0

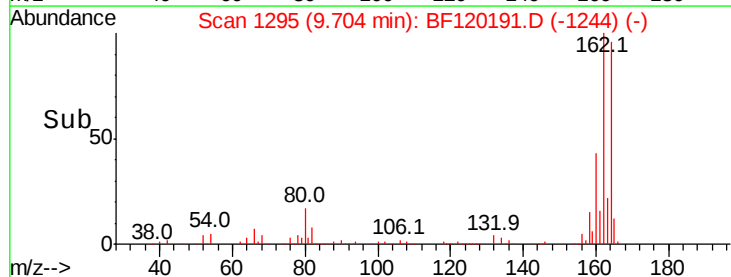
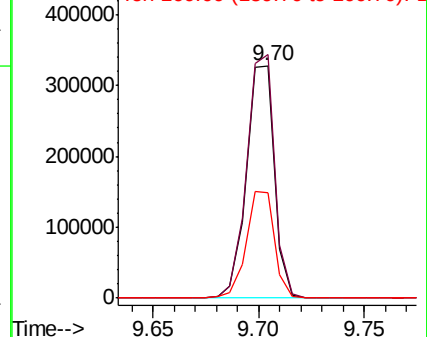
160 45.3 35.7 53.5

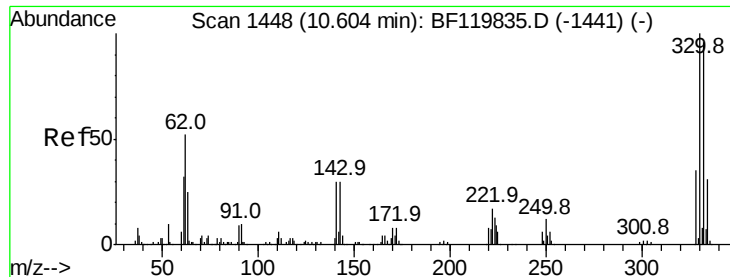


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

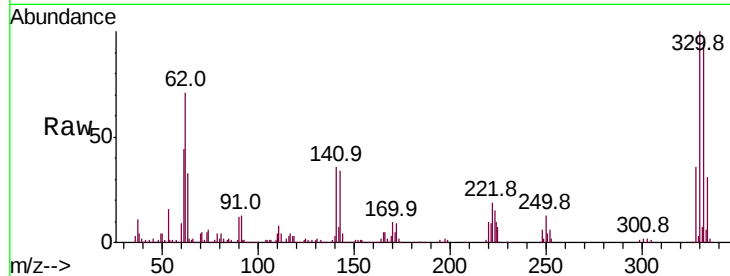




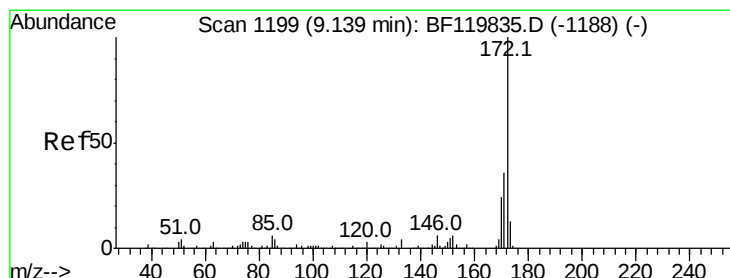
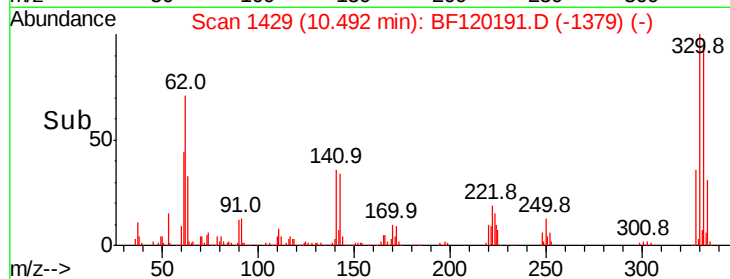
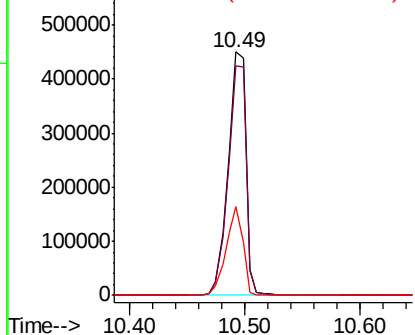
#42
 2,4,6-Tribromophenol
 Concen: 130.456 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-2

Tot Ion:330 Resp: 482453
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 34.1 25.4 38.0

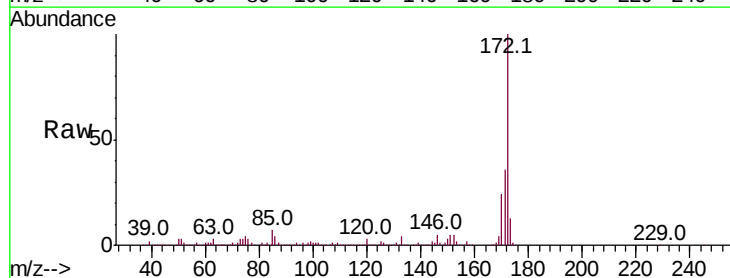


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

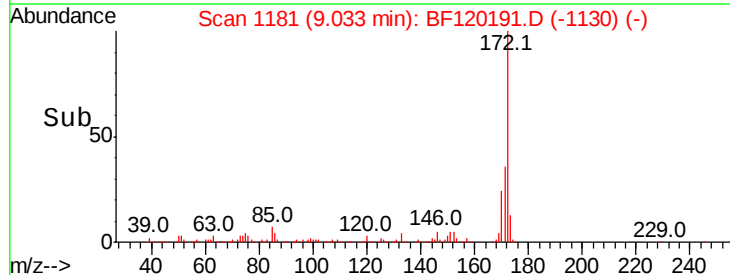
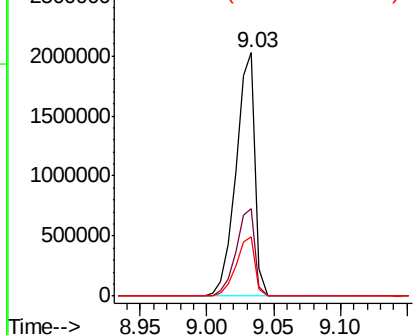


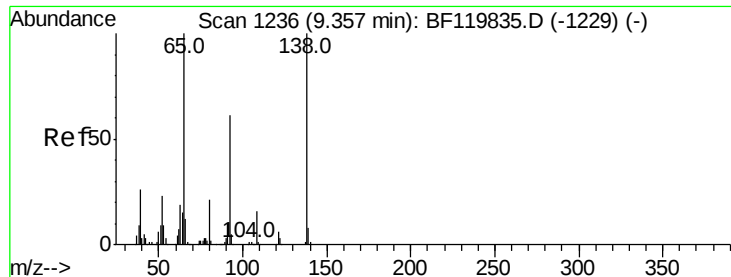
#45
 2-Fluorobiphenyl
 Concen: 94.860 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

Tgt Ion:172 Resp: 2018145
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.5 20.2 30.2



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

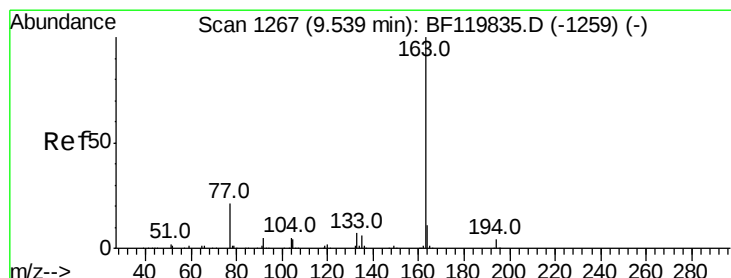
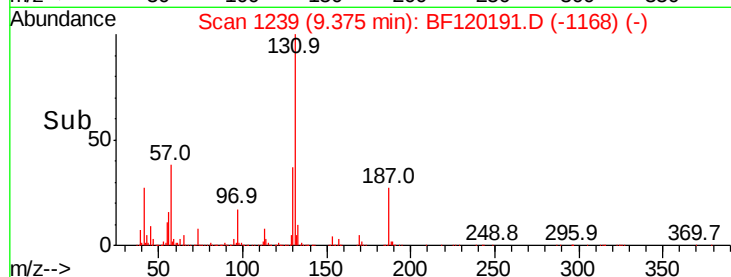
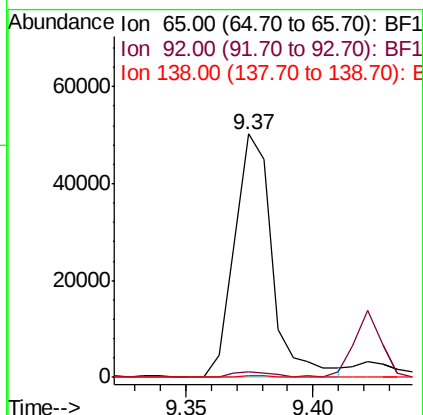
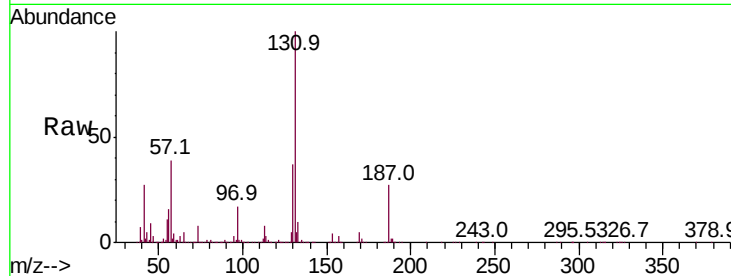




#48
2-Nitroaniline
Concen: 7.300 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.12 min
Lab File: BF120191.D
Acq: 24 Apr 2020 10:12

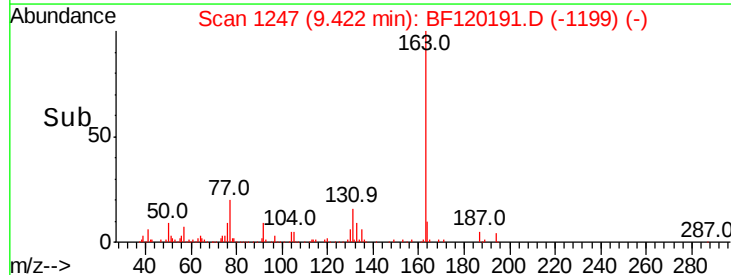
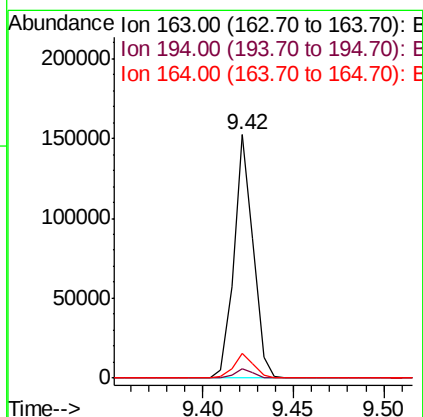
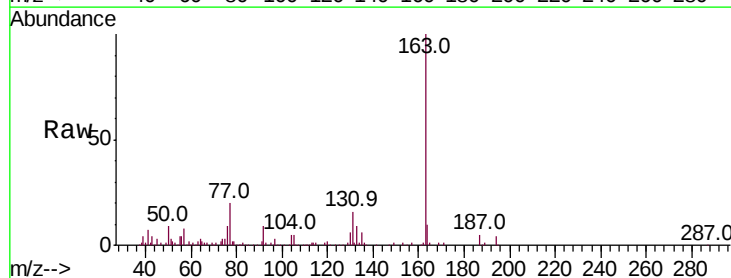
Instrument :
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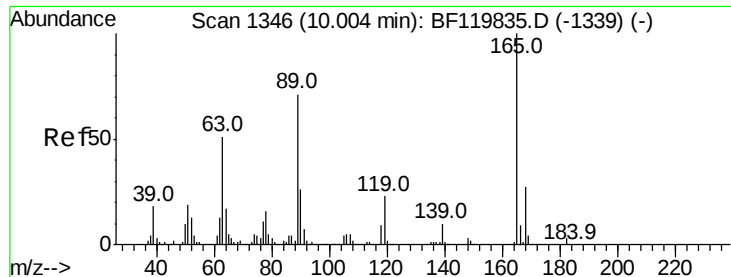
Tot Ion: 65 Resp: 51955
Ion Ratio Lower Upper
65 100
92 2.2 50.0 75.0#
138 0.7 75.0 112.4#



#50
Dimethylphthalate
Concen: 4.819 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120191.D
Acq: 24 Apr 2020 10:12

Tgt Ion:163 Resp: 112582
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2

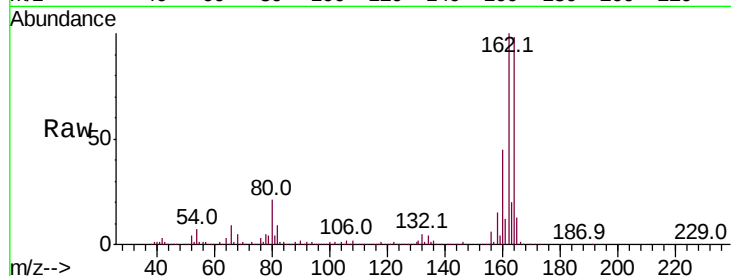




#57
 2,4-Dinitrotoluene
 Concen: 5.853 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-2

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#

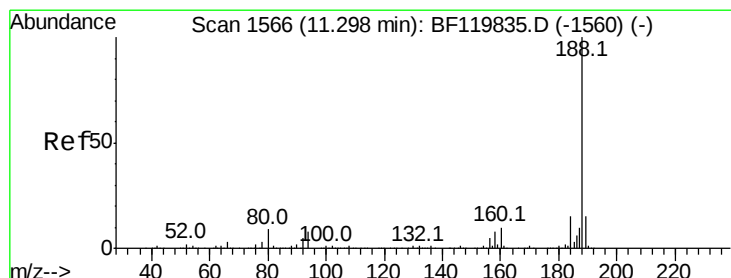
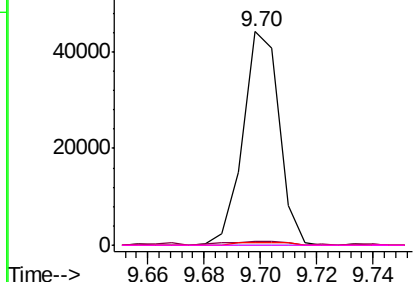
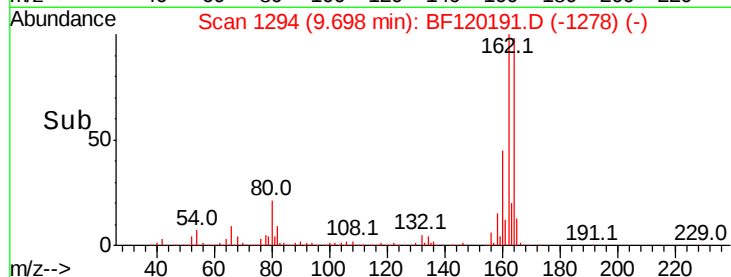


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

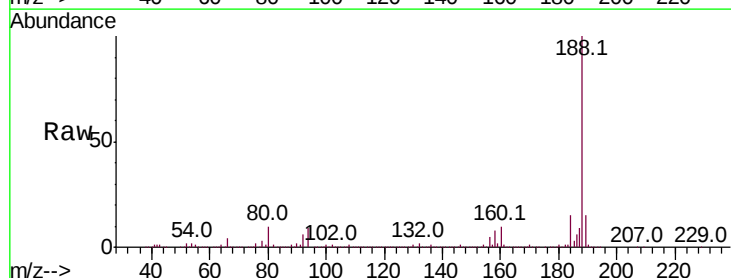
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

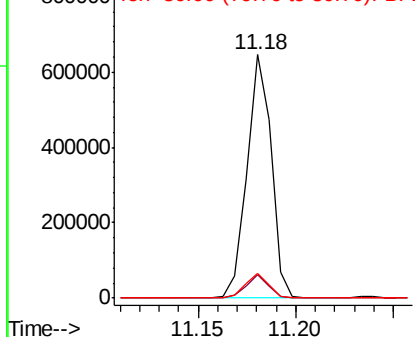
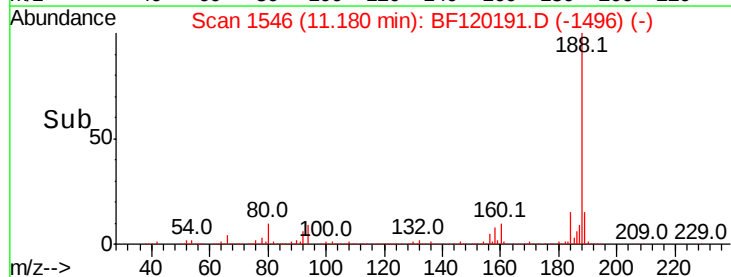
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.3	9.0	13.4

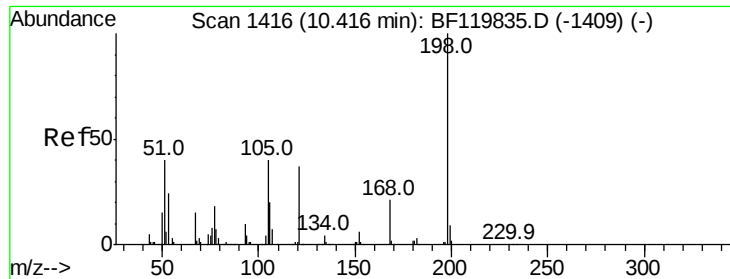


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

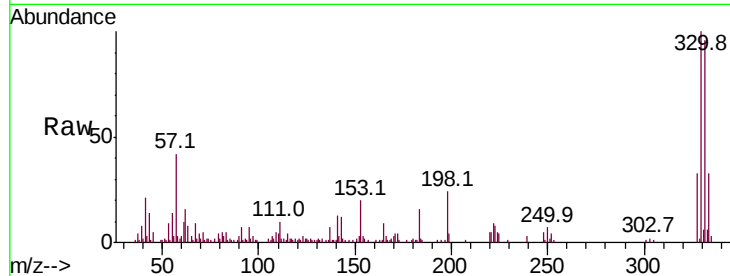




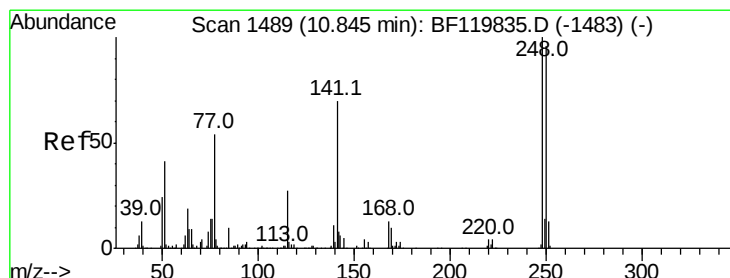
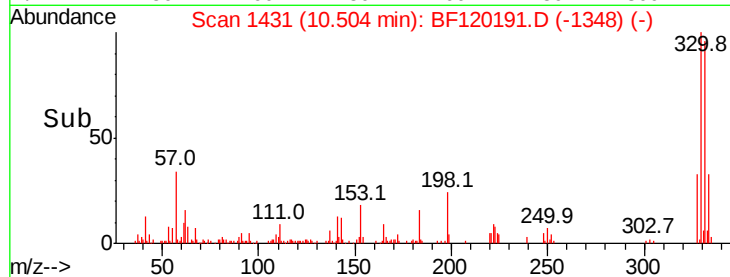
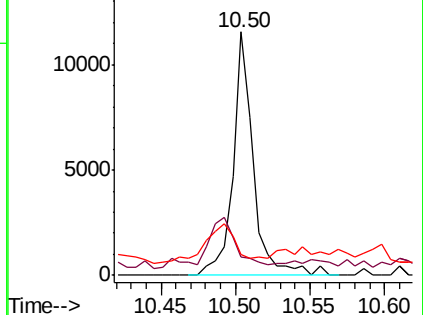
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.021 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.19 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-2

Tot Ion:198 Resp: 11073
 Ion Ratio Lower Upper
 198 100
 51 7.5 29.0 69.0#
 105 8.8 22.2 62.2#

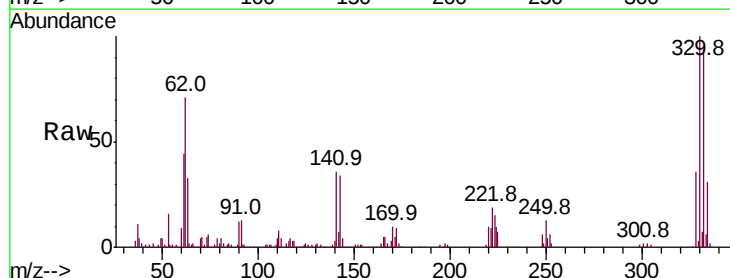


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

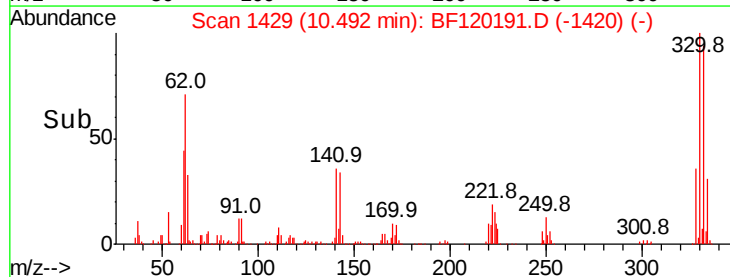
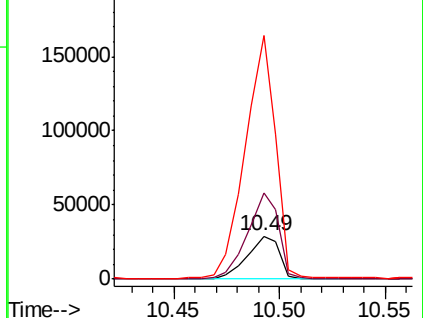


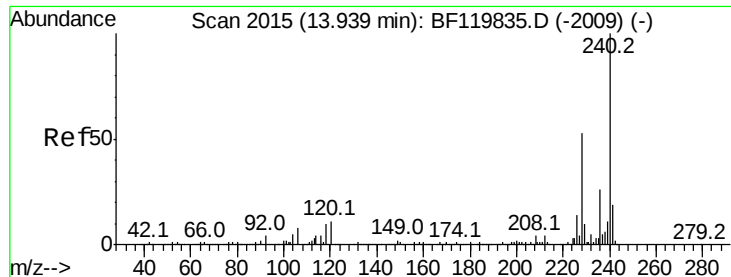
#67
 4-Bromophenyl-phenylether
 Concen: 4.443 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.25 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

Tgt Ion:248 Resp: 30742
 Ion Ratio Lower Upper
 248 100
 250 199.5 77.3 115.9#
 141 567.6 58.6 87.8#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120191.D

Acq: 24 Apr 2020 10:12

Instrument :

BNA_F

ClientSampleID :

WB-TWP-2

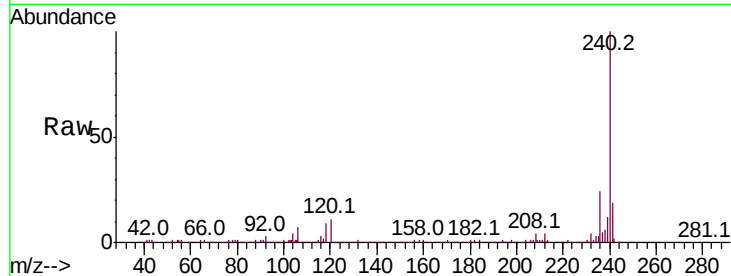
Tot Ion:240 Resp: 334278

Ion Ratio Lower Upper

240 100

120 10.9 10.6 15.8

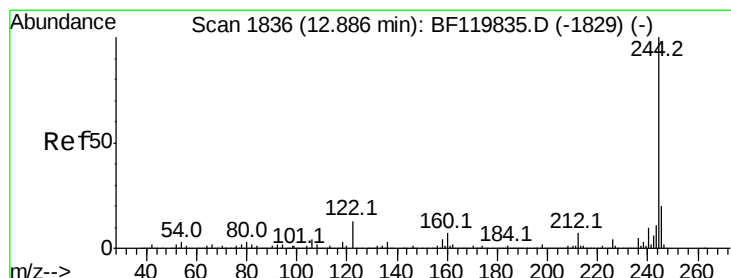
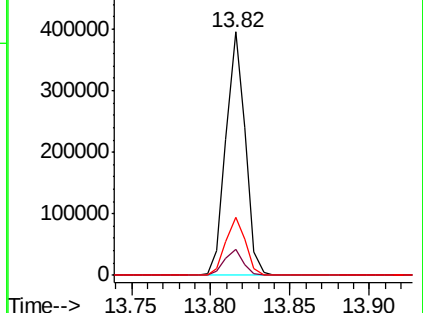
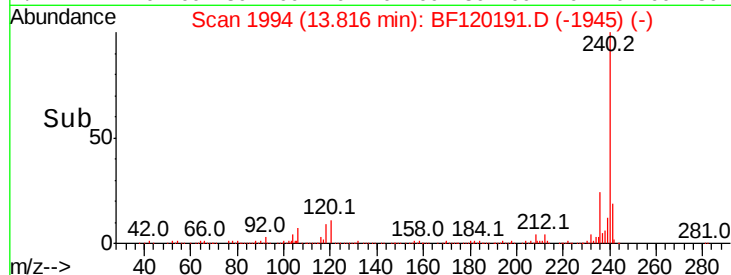
236 23.8 20.2 30.2



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: 109.201 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120191.D

Acq: 24 Apr 2020 10:12

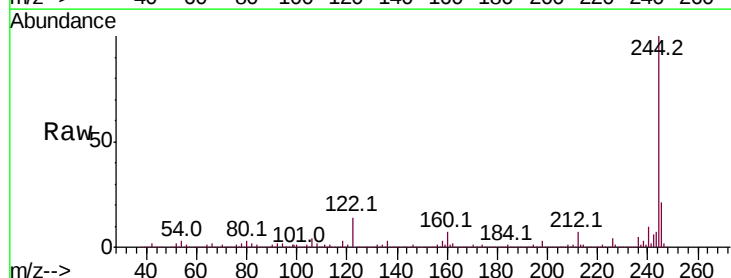
Tgt Ion:244 Resp: 2169391

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

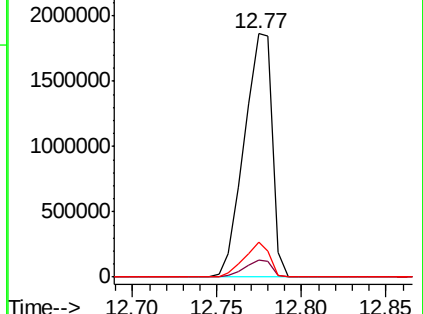
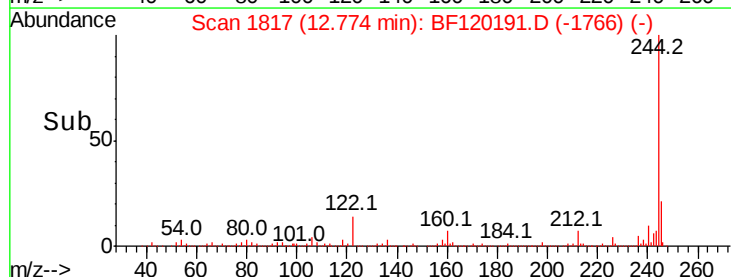
122 14.1 10.3 15.5

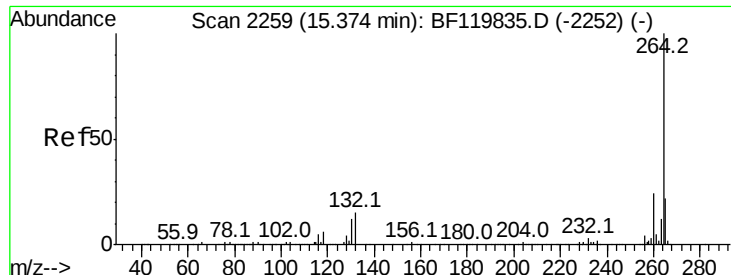


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BF120191.D
 Acq: 24 Apr 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	17.7	26.5

