

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120245.D
 Acq On : 30 Apr 2020 17:55
 Operator : MA/SJ
 Sample : L2451-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 30 18:54:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

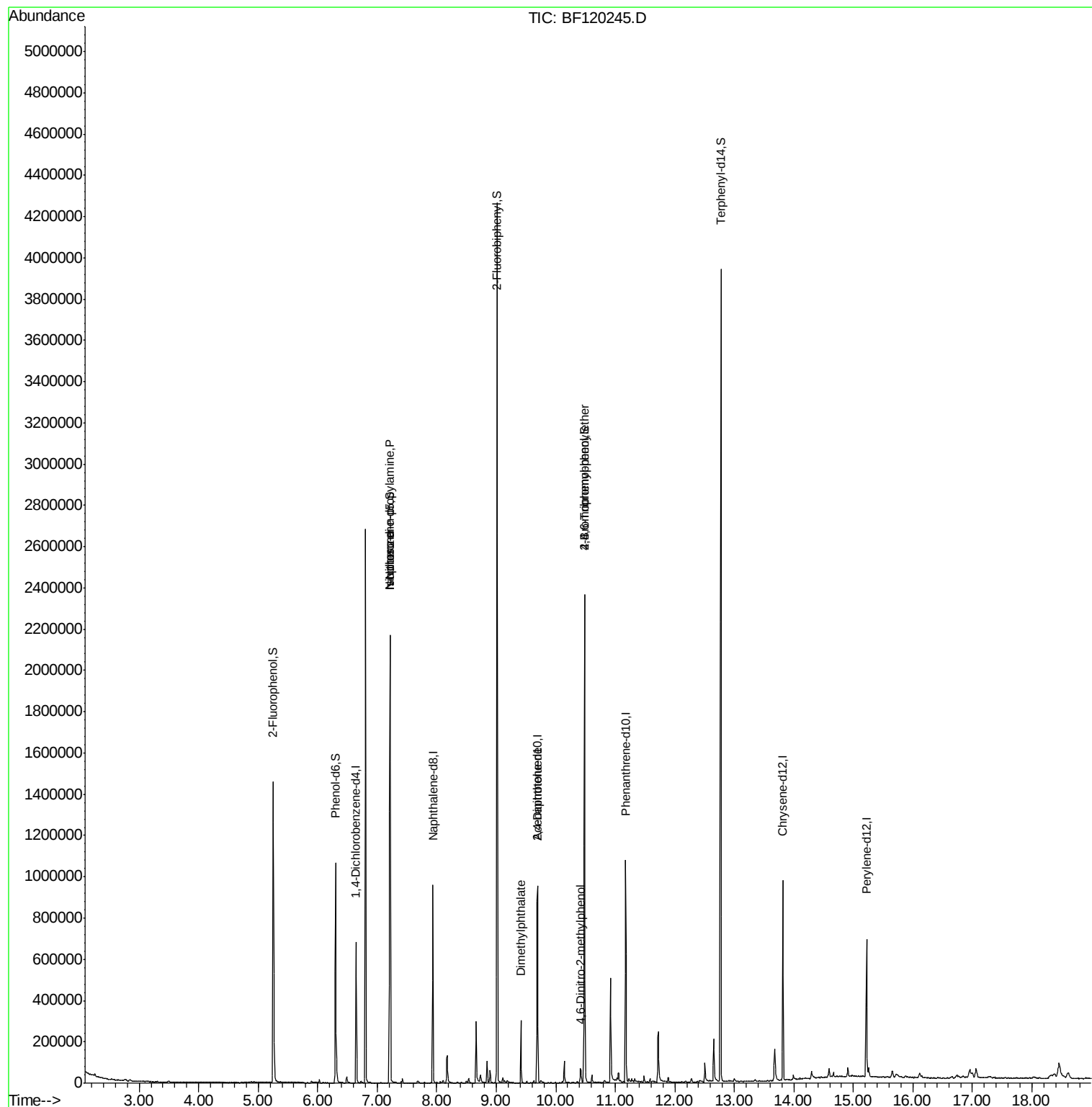
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	94555	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	358225	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	186067	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	359021	20.00	ng	0.00
76) Chrysene-d12	13.82	240	305136	20.00	ng	-0.01
87) Perylene-d12	15.22	264	303693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	402404	73.55	ng	0.00
7) Phenol-d6	6.30	99	336359	47.71	ng	-0.01
23) Nitrobenzene-d5	7.22	82	660813	95.43	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	294319	129.20	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1197100	91.34	ng	0.00
79) Terphenyl-d14	12.77	244	1562162	86.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	459	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	87216	19.238 ng	#	1
25) Isophorone	7.22	82	660802	49.505 ng	#	75
50) Dimethylphthalate	9.42	163	116224	8.076 ng	#	65
57) 2,4-Dinitrotoluene	9.69	165	23369	5.628 ng	#	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	12040	5.090 ng	#	20
67) 4-Bromophenyl-phenylether	10.49	248	18187	4.073 ng	#	44
					#	1

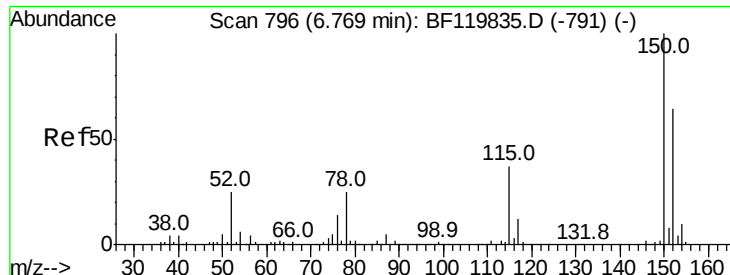
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
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ALS Vial : 14 Sample Multiplier: 1

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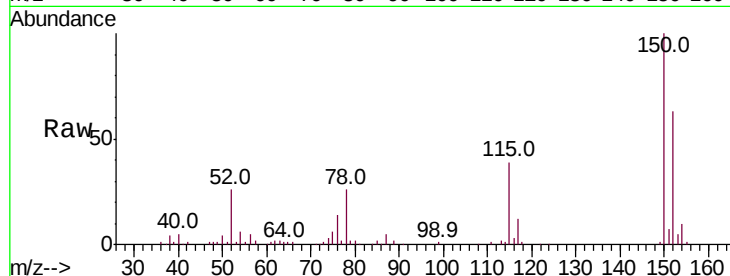


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.5	186.7
115	61.3	49.6	74.4

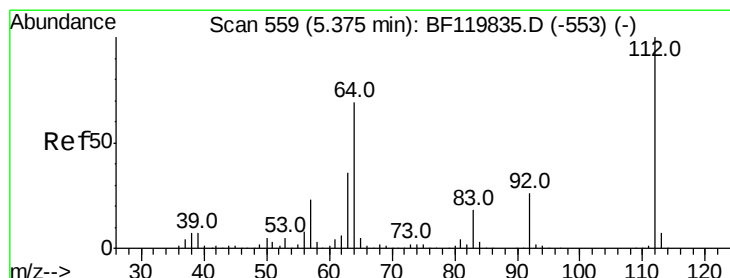
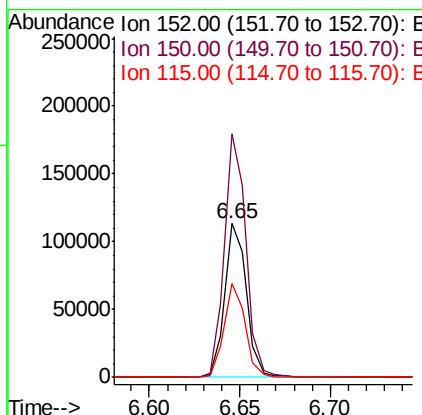
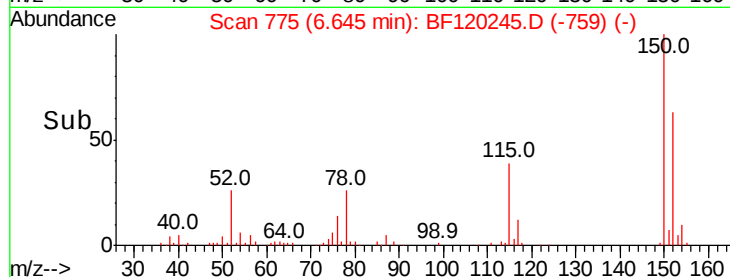


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

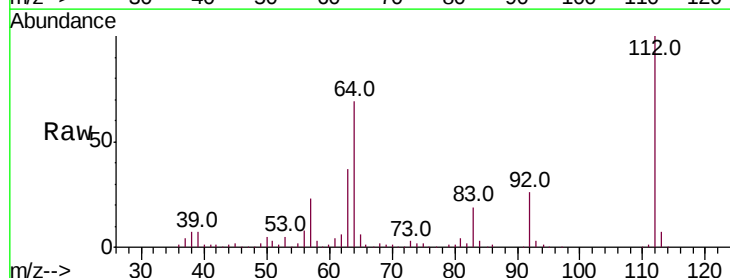
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 73.547 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.7	85.1
63	36.5	29.5	44.3

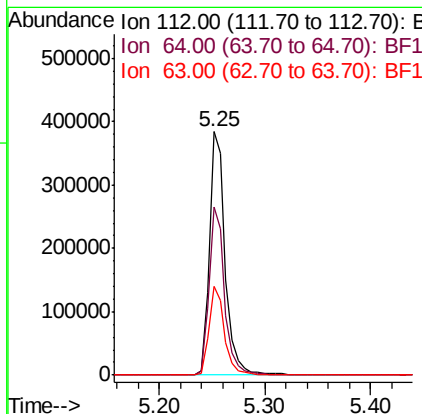
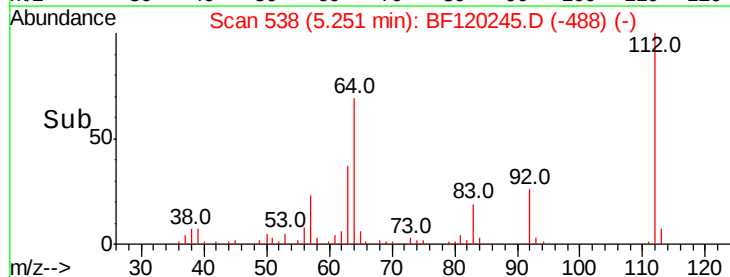


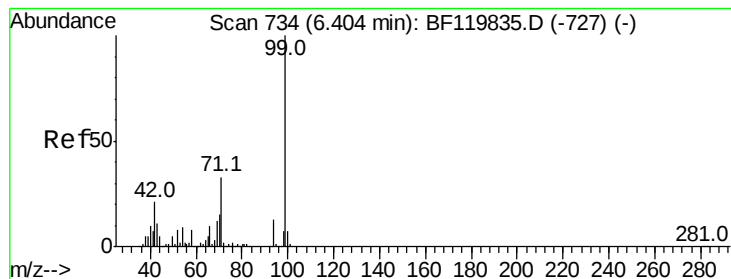
Abundance

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: 47.710 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampleId :

MW-1

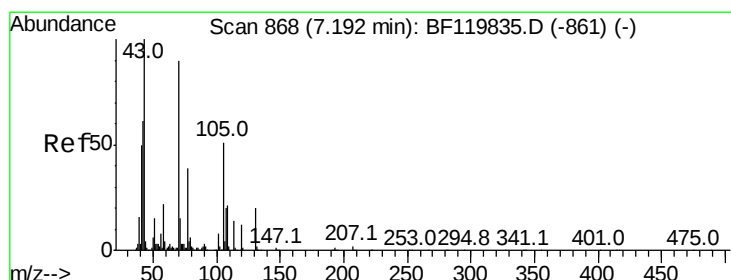
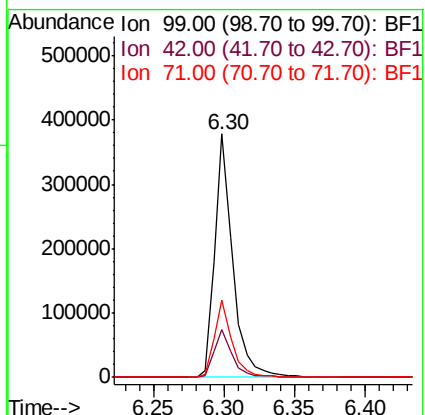
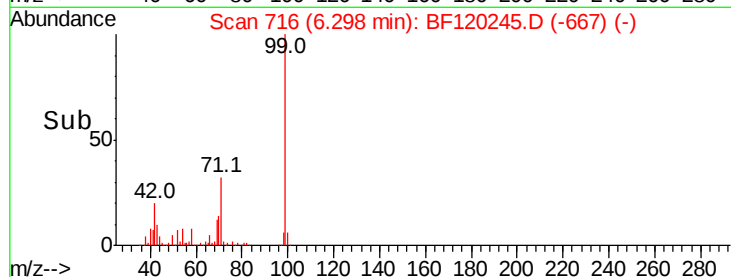
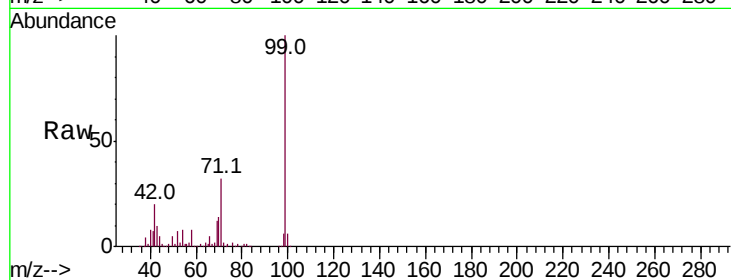
Tot Ion: 99 Resp: 336359

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 31.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.238 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Tgt Ion: 70 Resp: 87216

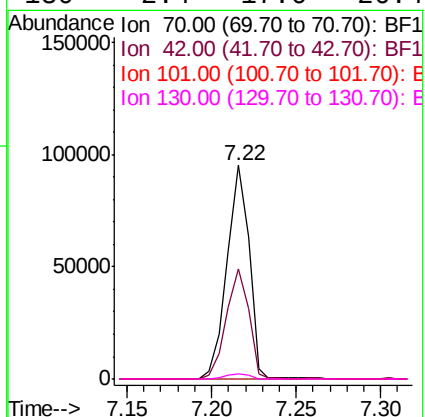
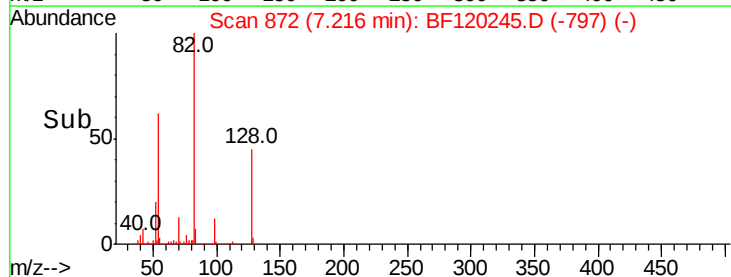
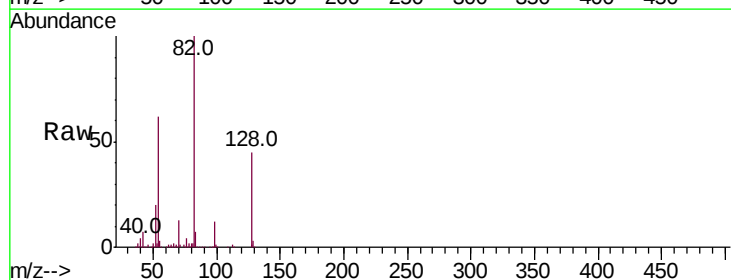
Ion Ratio Lower Upper

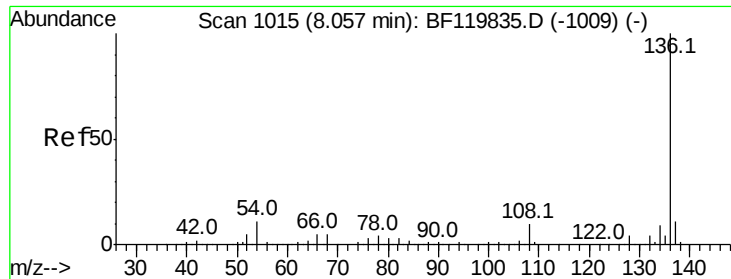
70 100

42 51.8 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

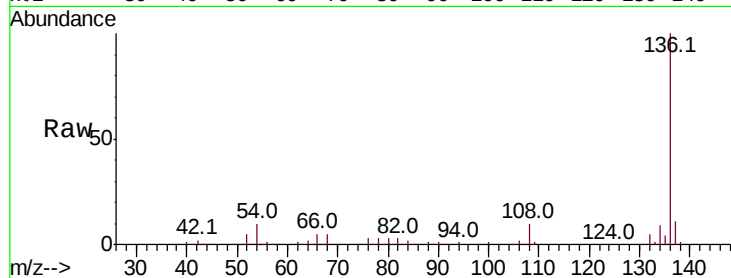




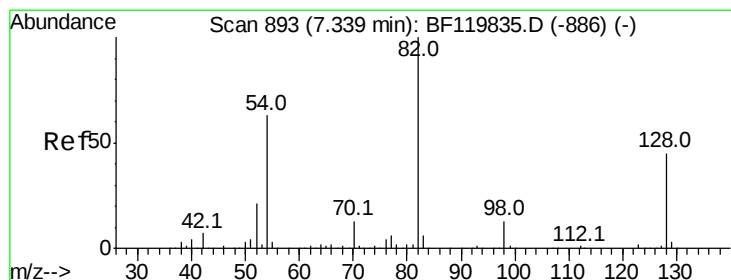
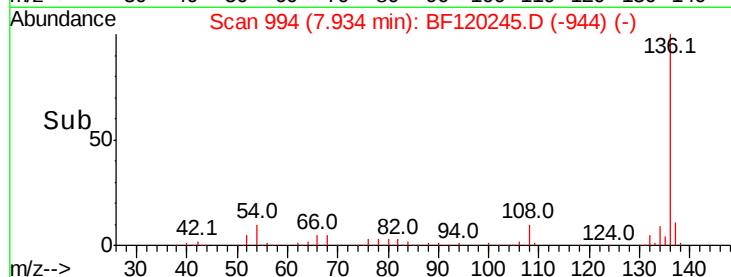
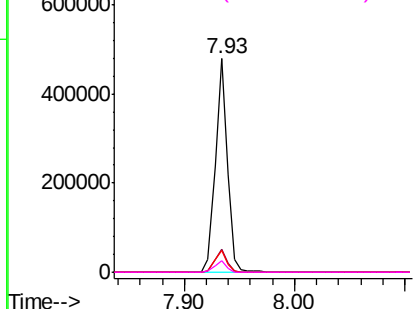
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120245.D
Acq: 30 Apr 2020 17:55

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:	136	Resp:	358225
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	9.1	13.7
68	5.4	4.6	6.8

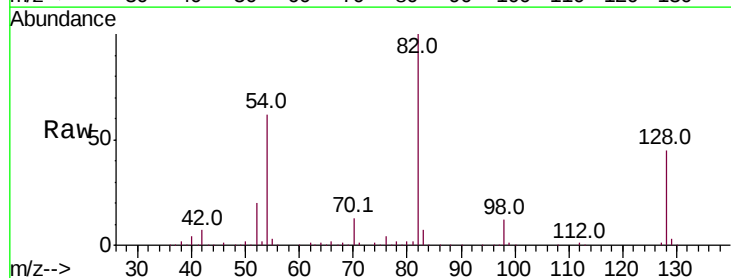


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

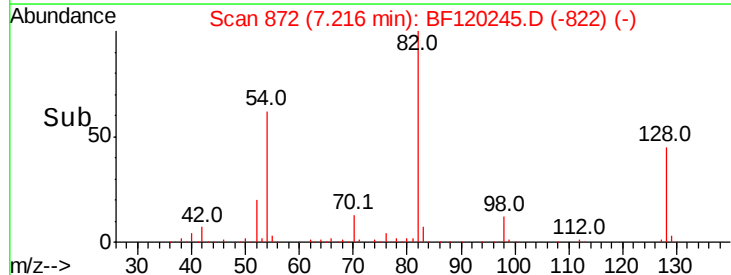
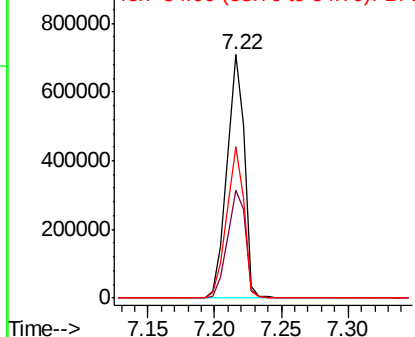


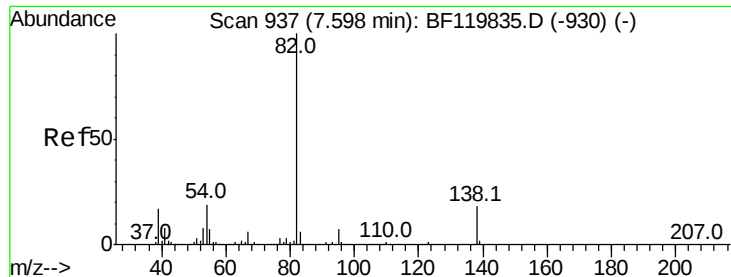
#23
Nitrobenzene-d5
Concen: 95.432 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120245.D
Acq: 30 Apr 2020 17:55

Tgt Ion:	82	Resp:	660813
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	62.3	50.6	75.8



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

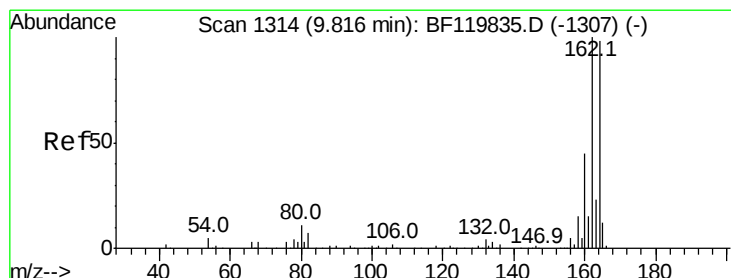
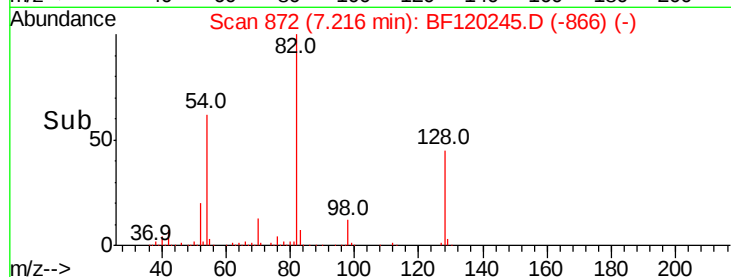
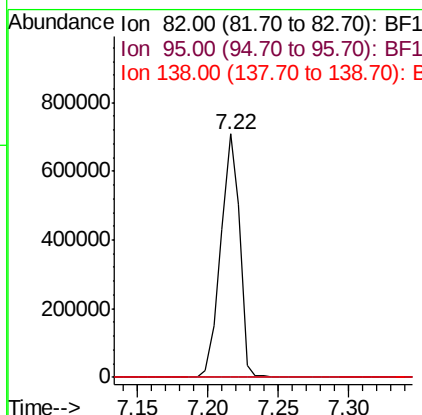
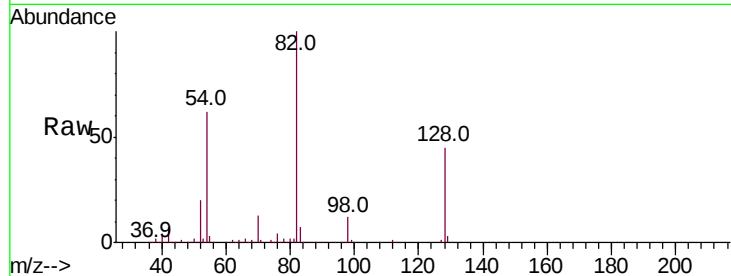




#25
Isophorone
Concen: 49.505 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF120245.D
Acq: 30 Apr 2020 17:55

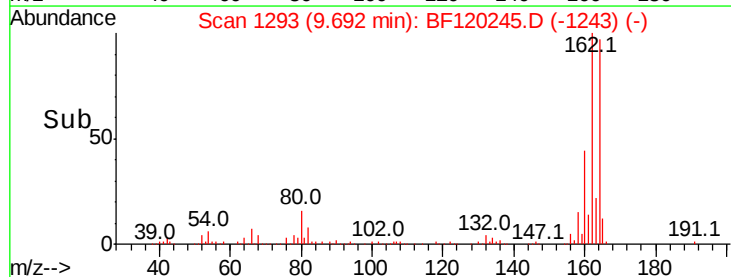
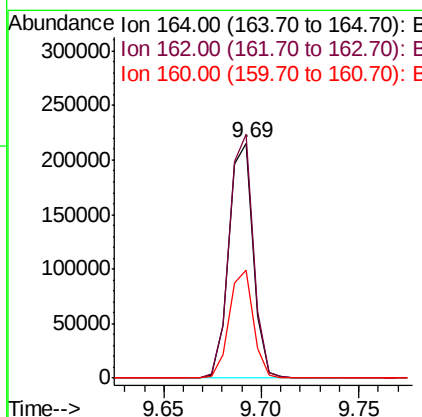
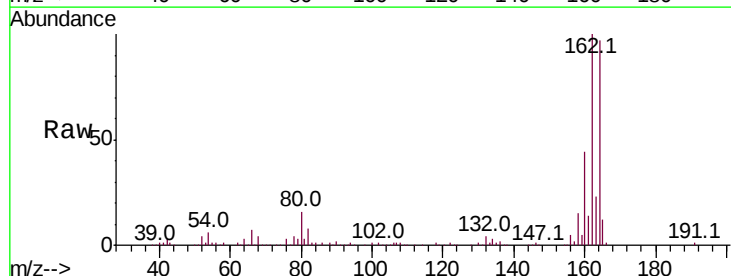
Instrument :
BNA_F
ClientSampled :
MW-1

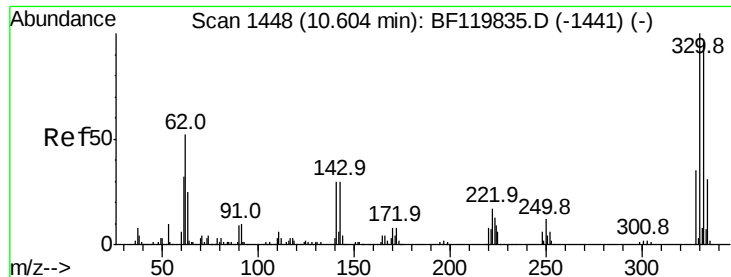
Tot Ion: 82 Resp: 660802
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120245.D
Acq: 30 Apr 2020 17:55

Tgt Ion:164 Resp: 186067
Ion Ratio Lower Upper
164 100
162 103.6 80.6 121.0
160 46.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 129.195 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampled :

MW-1

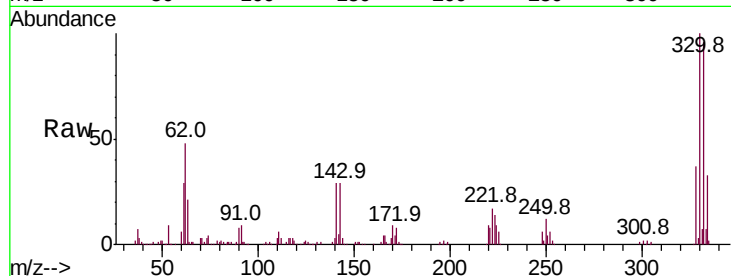
Tot Ion:330 Resp: 294319

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

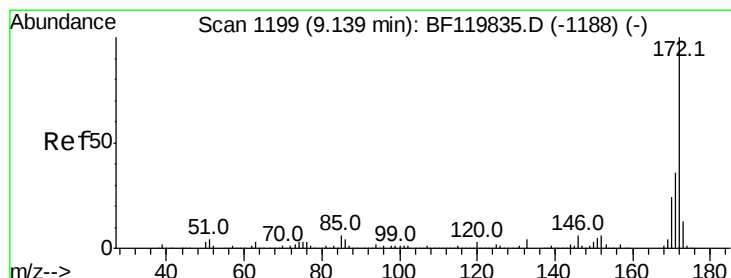
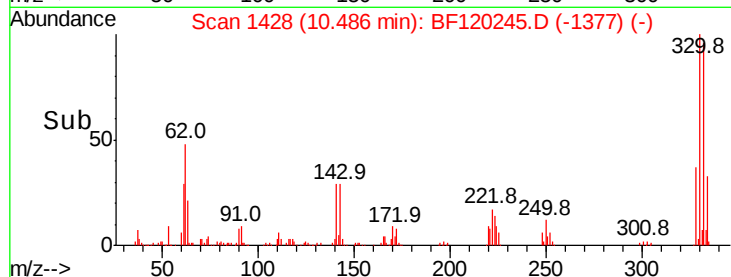
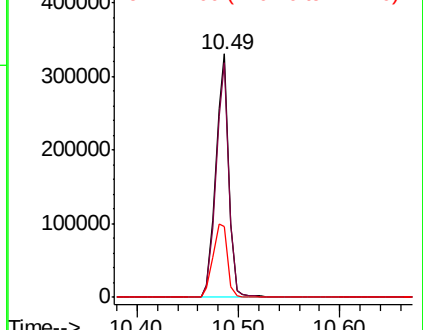
141 34.3 25.4 38.0



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: 91.345 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

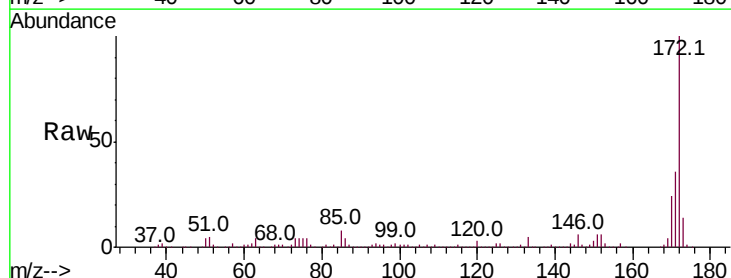
Tgt Ion:172 Resp: 1197100

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

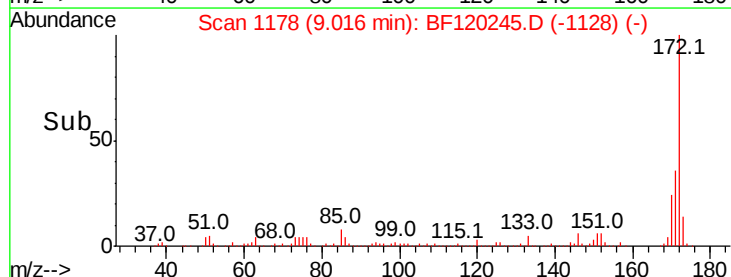
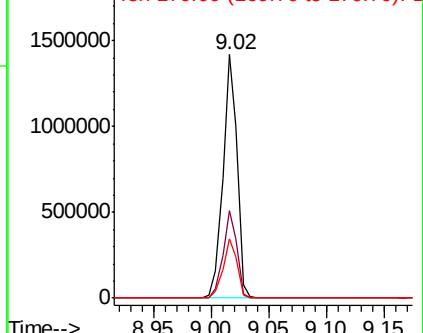
170 24.2 20.2 30.2

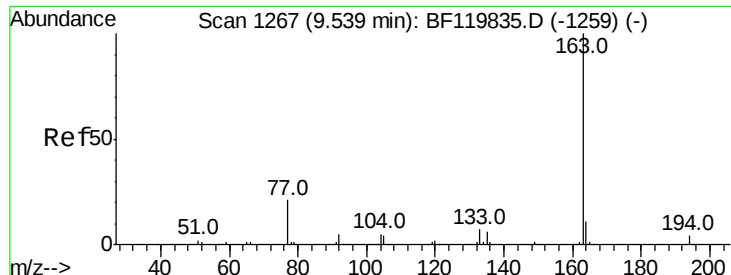


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

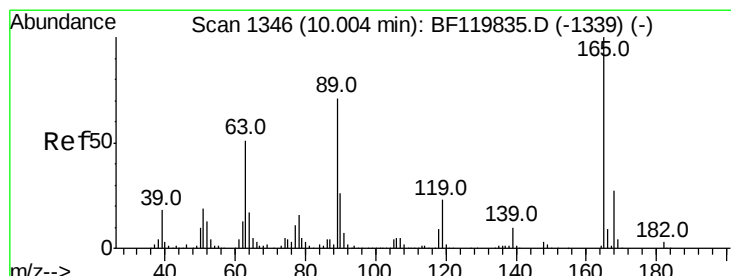
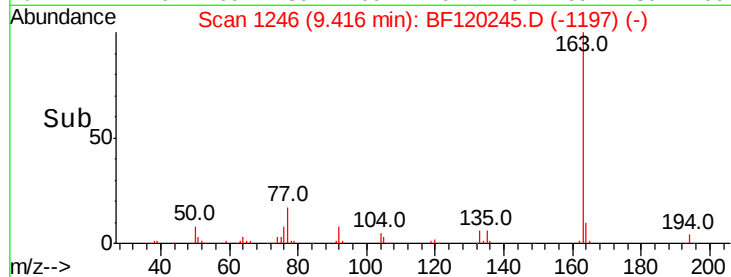
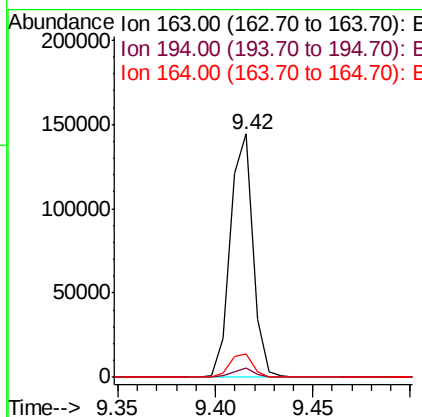
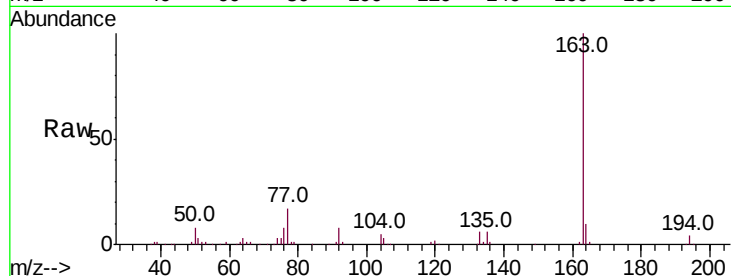




#50
 Dimethylphthalate
 Concen: 8.076 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

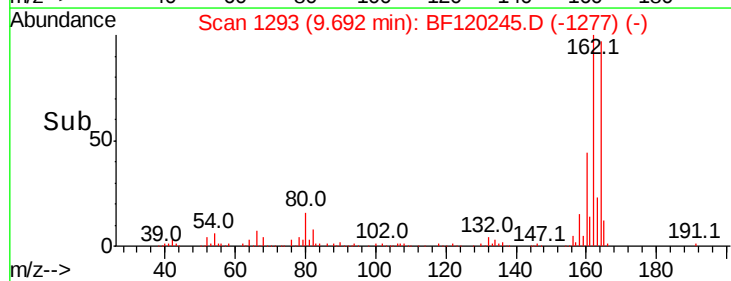
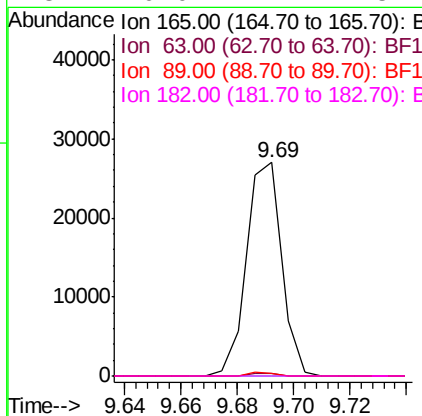
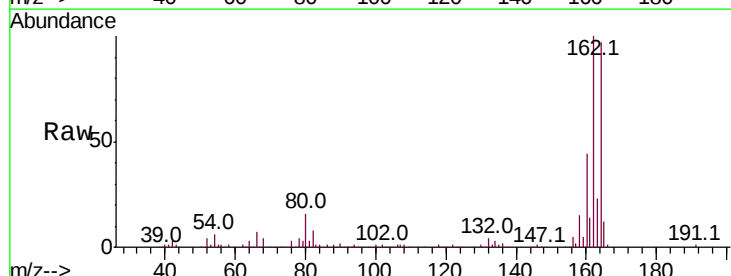
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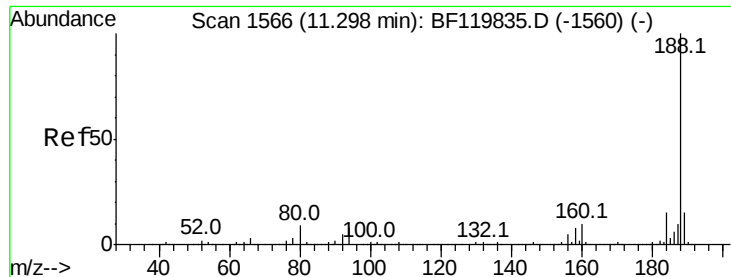
Tot Ion:	163	Resp:	116224
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.6	8.2	12.2



#57
 2,4-Dinitrotoluene
 Concen: 5.628 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Tgt Ion:	165	Resp:	23369
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

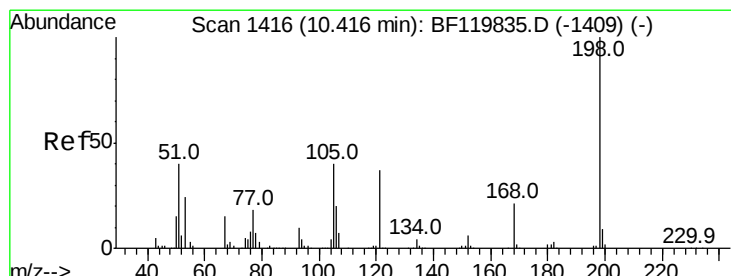
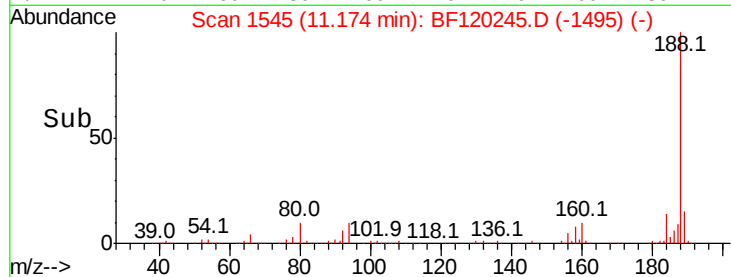
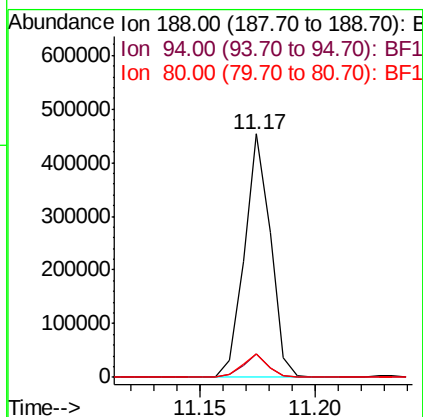
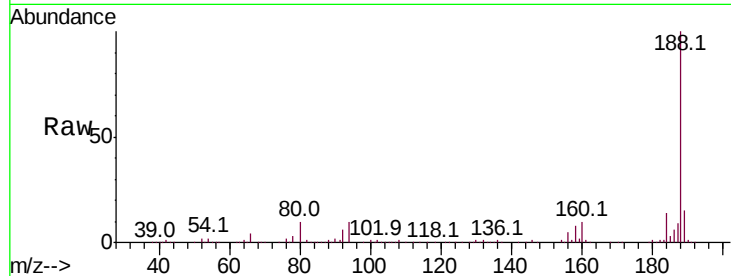




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

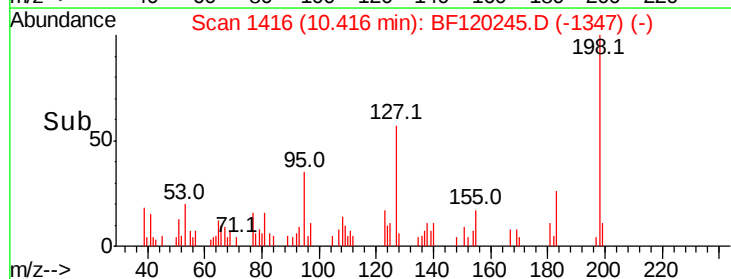
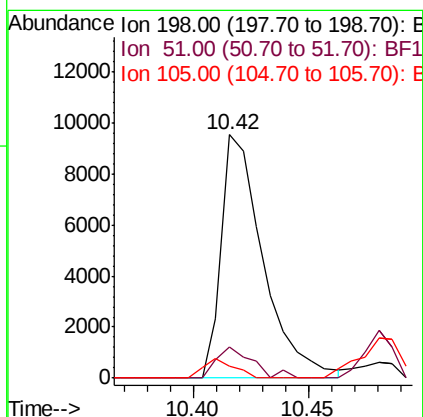
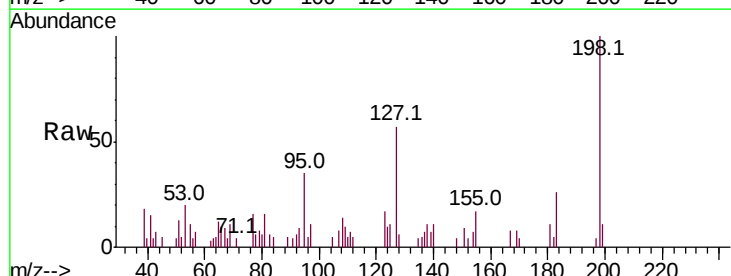
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

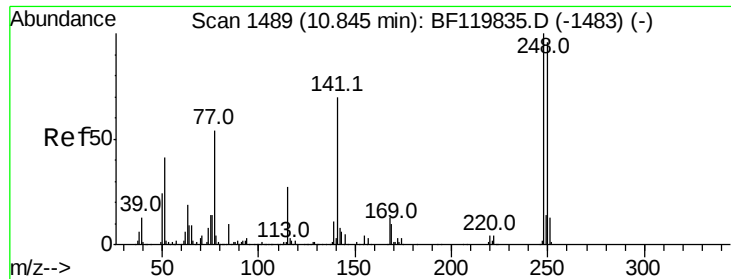
Tot Ion:188 Resp: 359021
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.5 11.3
 80 9.8 9.0 13.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.090 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.11 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Tgt Ion:198 Resp: 12040
 Ion Ratio Lower Upper
 198 100
 51 13.0 29.0 69.0#
 105 4.9 22.2 62.2#

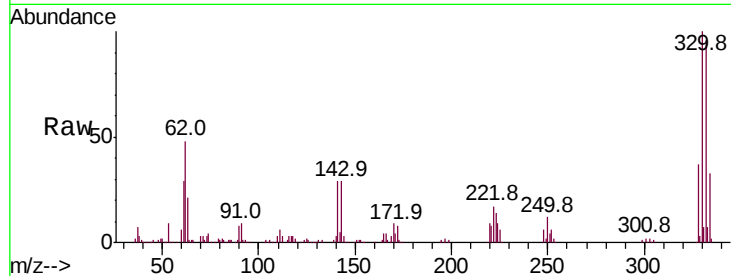




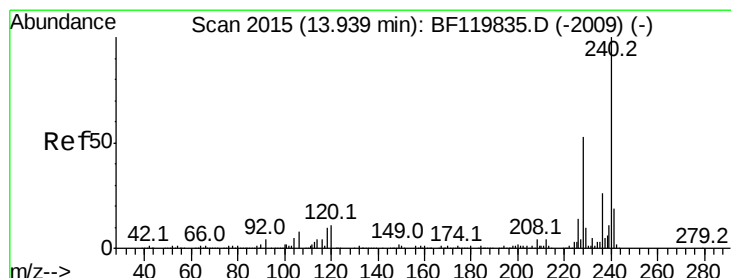
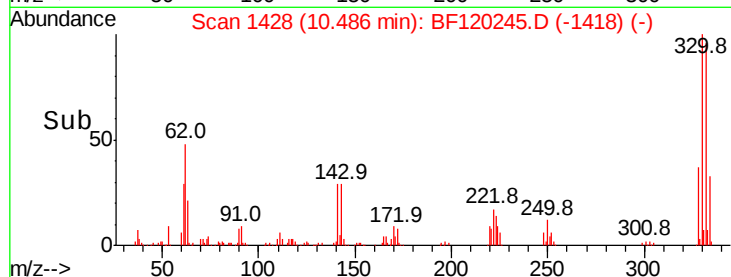
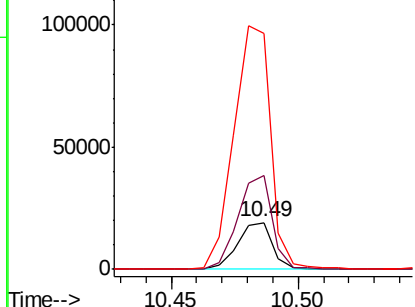
#67
 4-Bromophenyl-phenylether
 Concen: 4.073 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion:248 Resp: 18187
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.3 115.9#
 141 501.3 58.6 87.8#

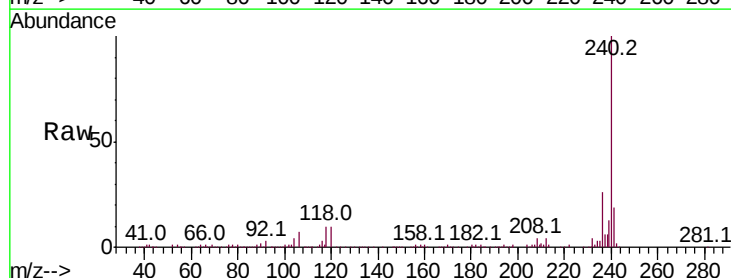


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

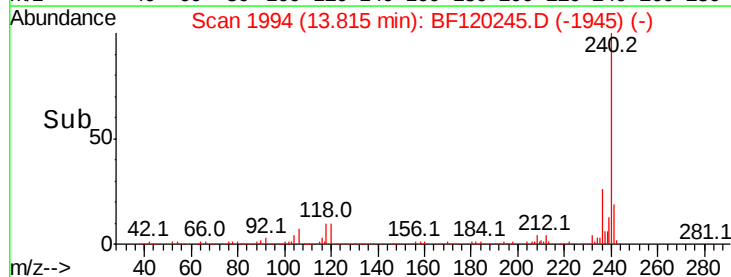
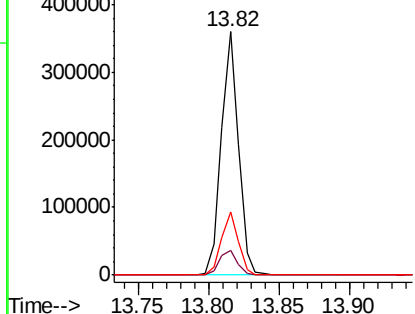


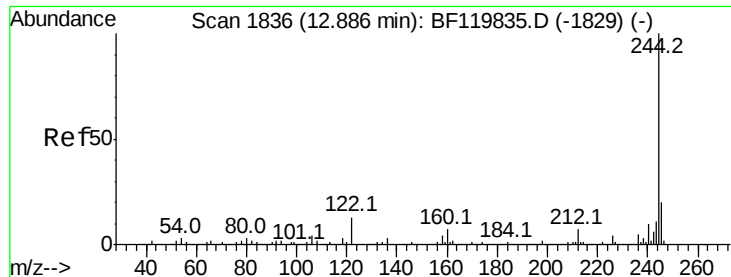
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Tgt Ion:240 Resp: 305136
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.6 15.8#
 236 26.1 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: 86.144 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampleId :

MW-1

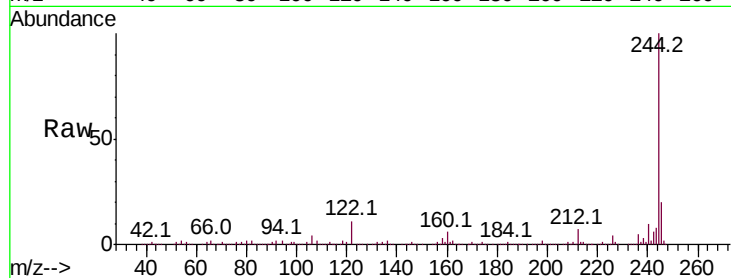
Tot Ion:244 Resp: 1562162

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

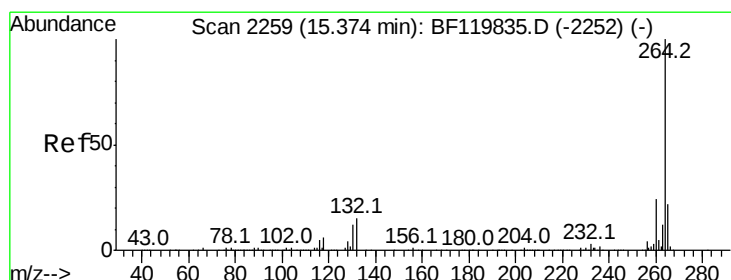
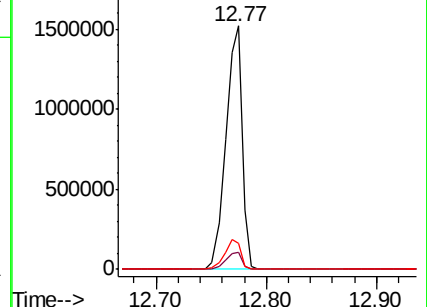
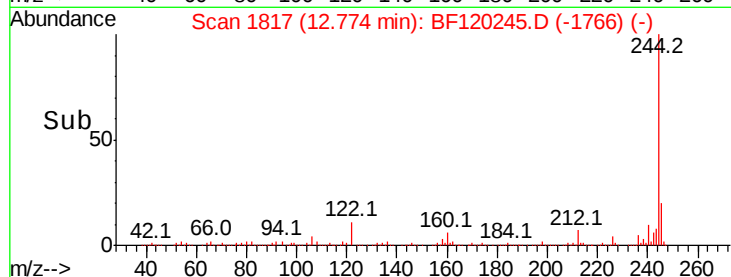
122 10.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

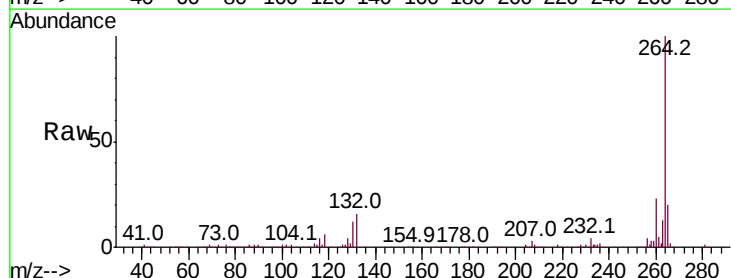
Tgt Ion:264 Resp: 303693

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.3 17.7 26.5



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

