

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125664.D
 Acq On : 25 Sep 2021 19:08
 Operator : JU/CG
 Sample : M3943-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-DB-1

Quant Time: Sep 27 01:23:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

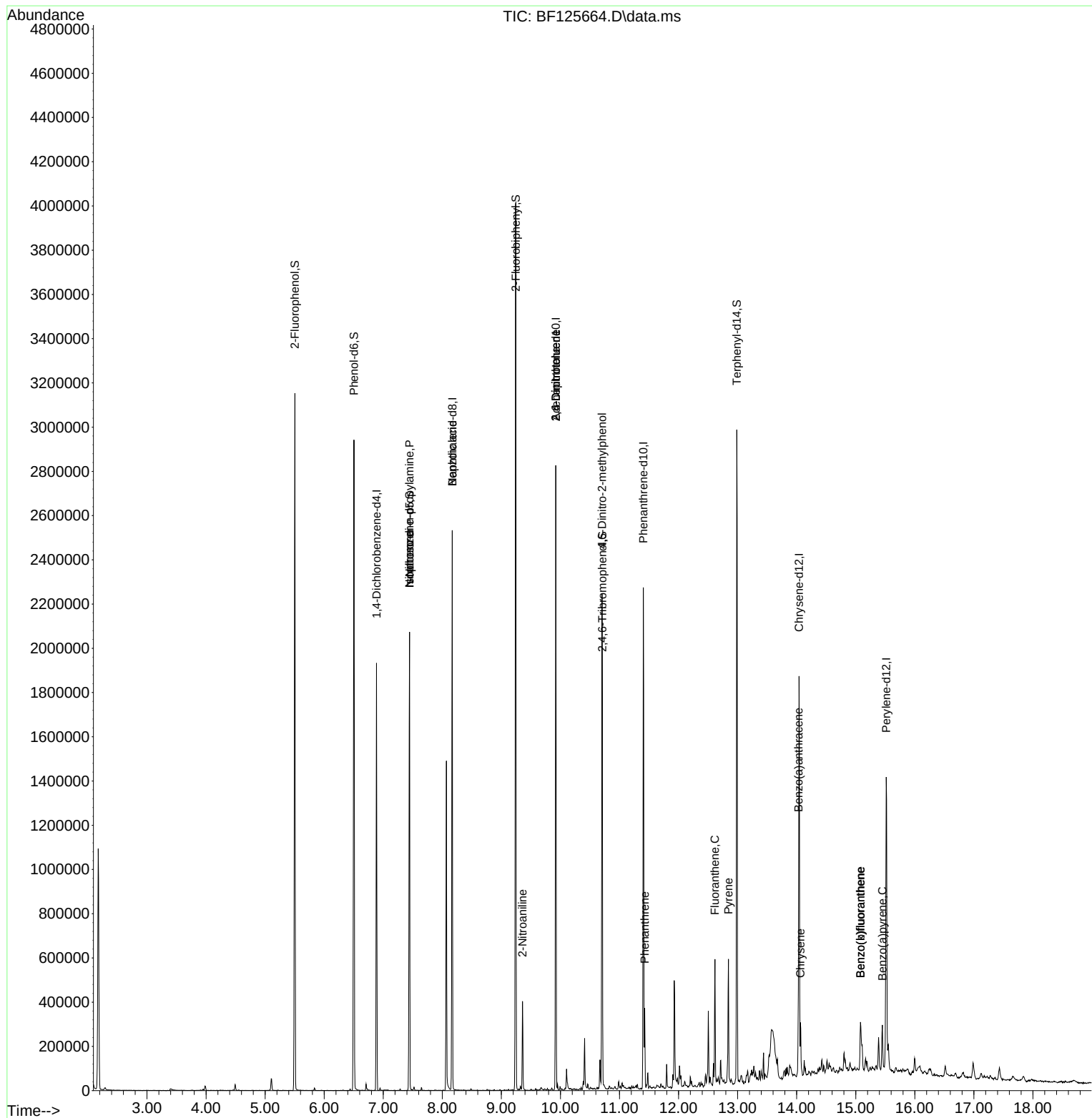
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	263817	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1051072	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	543373	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	808386	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	573196	20.000	ng	0.00
86) Perylene-d12	15.515	264	612101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	914628	57.119	ng	0.00
7) Phenol-d6	6.504	99	1108778	51.505	ng	0.00
23) Nitrobenzene-d5	7.445	82	659365	43.756	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284288	56.114	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1341934	36.787	ng	0.00
79) Terphenyl-d14	12.986	244	1010203	30.521	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1678	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	82922	6.765	ng	# 51
25) Isophorone	7.445	82	659357	19.538	ng	# 59
32) Benzoic acid	8.169	122	134	8.638	ng	# 1
48) 2-Nitroaniline	9.357	65	3455	4.561	ng	# 7
51) 2,6-Dinitrotoluene	9.921	165	68450	12.509	ng	# 28
57) 2,4-Dinitrotoluene	9.921	165	68450	11.426	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.704	198	422	9.100	ng	# 1
71) Phenanthrene	11.427	178	114597	2.528	ng	98
75) Fluoranthene	12.615	202	203749	4.206	ng	99
78) Pyrene	12.845	202	210979	4.073	ng	98
81) Benzo(a)anthracene	14.033	228	103932	2.669	ng	97
83) Chrysene	14.062	228	97756	2.502	ng	98
88) Benzo(b)fluoranthene	15.080	252	169524	3.953	ng	97
89) Benzo(k)fluoranthene	15.080	252	169524	4.126	ng	# 96
90) Benzo(a)pyrene	15.450	252	95860	2.511	ng	97

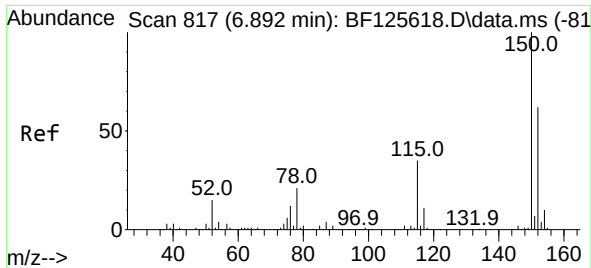
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
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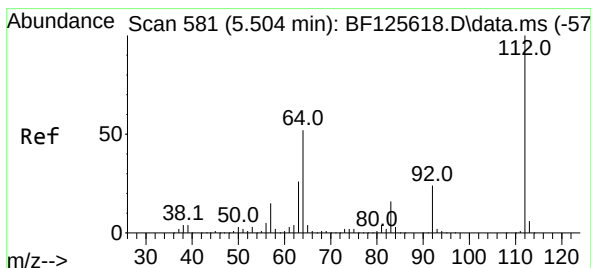
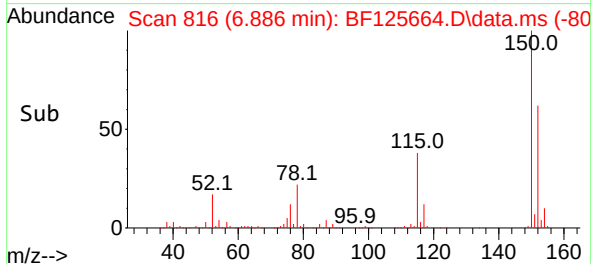
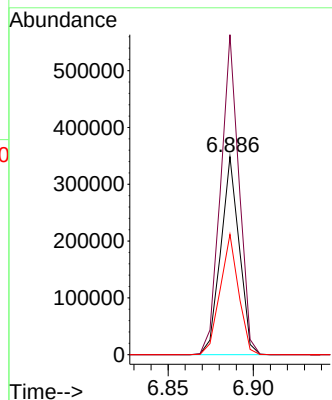
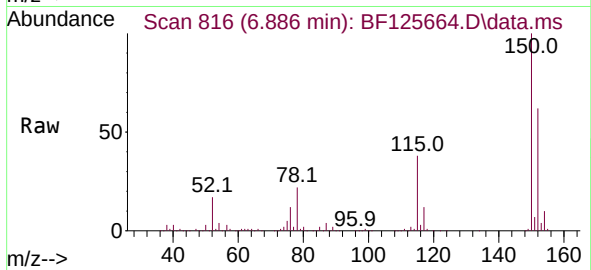




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF125664.D
 Acq: 25 Sep 2021 19:08

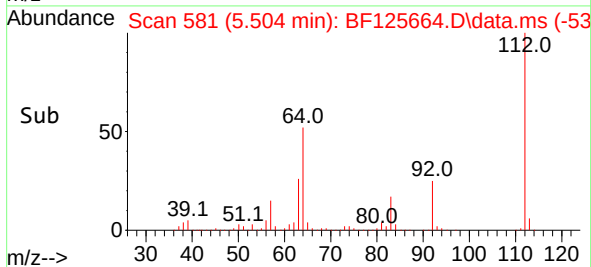
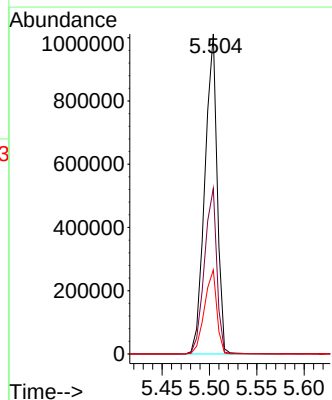
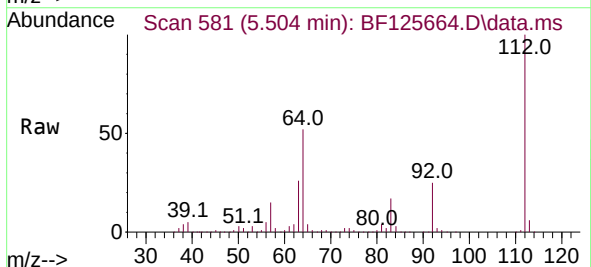
Instrument :
 BNA_F
 ClientSampleId :
 WC-DB-1

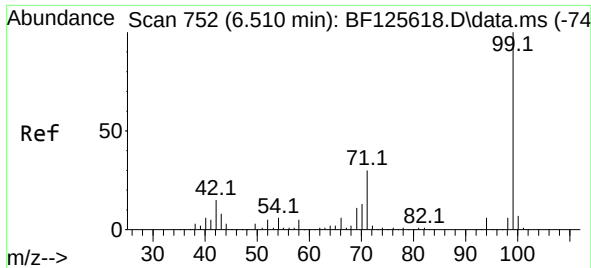
Tgt Ion:152 Resp: 263817
 Ion Ratio Lower Upper
 152 100
 150 161.6 117.6 176.4
 115 60.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 57.119 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF125664.D
 Acq: 25 Sep 2021 19:08

Tgt Ion:112 Resp: 914628
 Ion Ratio Lower Upper
 112 100
 64 51.7 44.2 66.2
 63 26.3 26.2 39.2

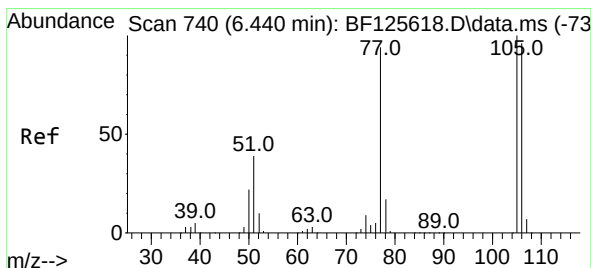
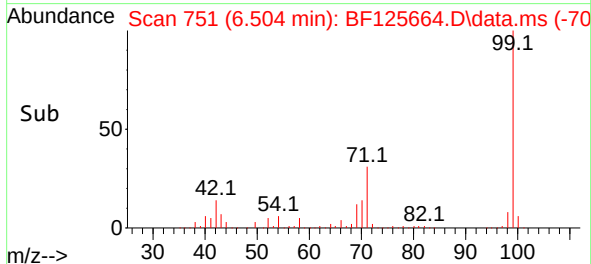
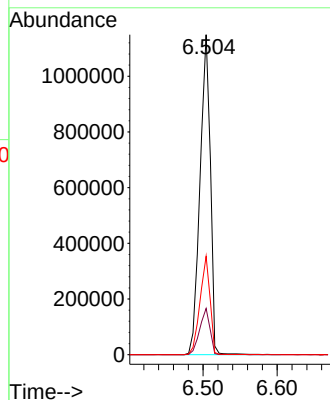
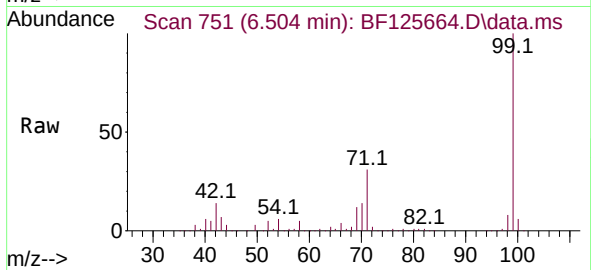




#7
Phenol-d6
Concen: 51.505 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

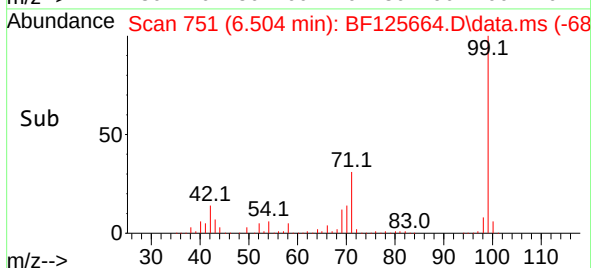
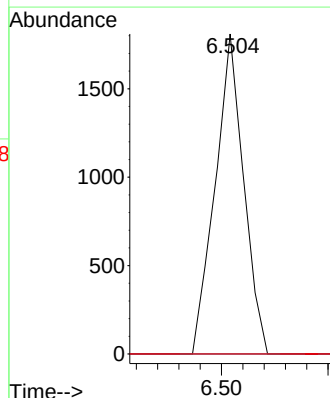
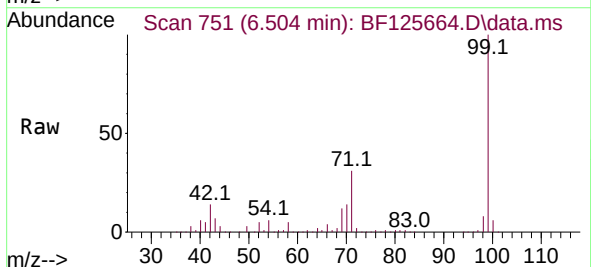
Instrument :
BNA_F
ClientSampleId :
WC-DB-1

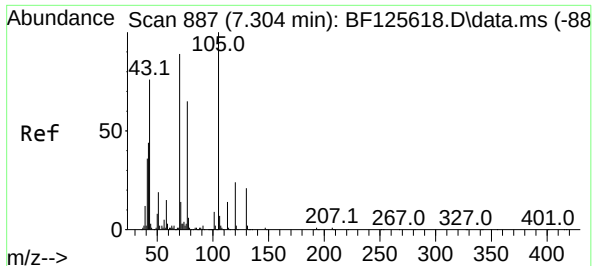
Tgt Ion: 99 Resp: 1108778
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 30.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion: 77 Resp: 1678
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

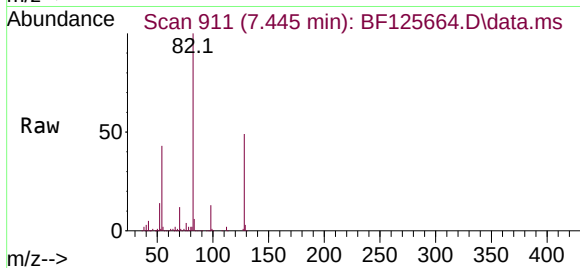




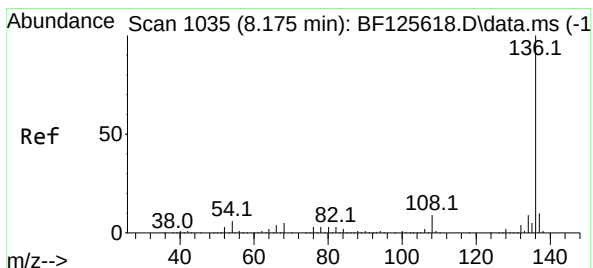
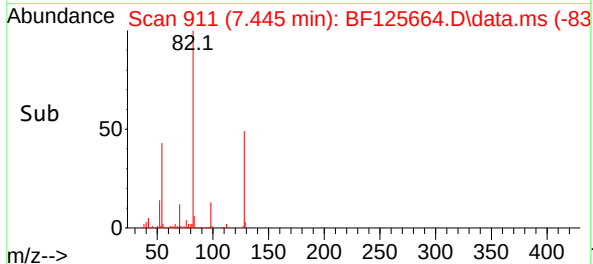
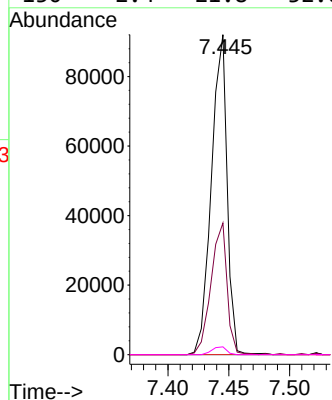
#19

n-Nitroso-di-n-propylamine
 Concen: 6.765 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125664.D
 Acq: 25 Sep 2021 19:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-DB-1



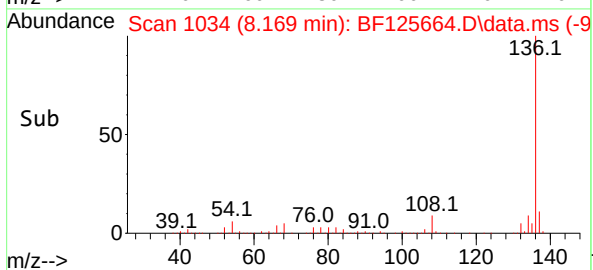
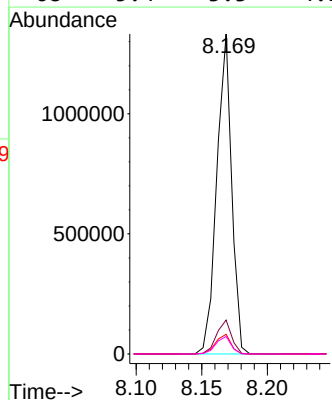
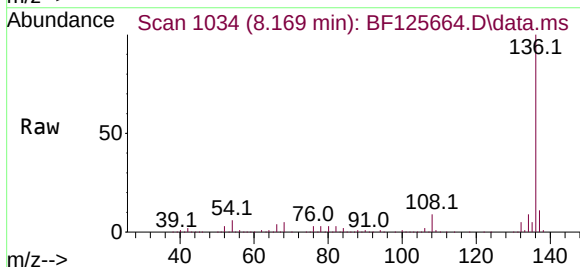
Tgt Ion: 70	Resp: 82922
Ion Ratio	Lower Upper
70	100
42	41.2 72.2 108.2#
101	0.0 7.8 11.8#
130	2.4 21.8 32.6#

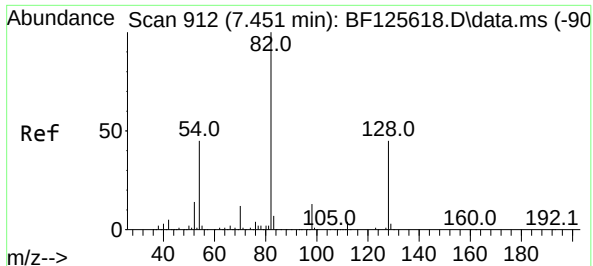


#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125664.D
 Acq: 25 Sep 2021 19:08

Tgt Ion: 136	Resp: 1051072
Ion Ratio	Lower Upper
136	100
137	10.6 9.8 14.6
54	6.2 6.4 9.6#
68	5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 43.756 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125664.D

Acq: 25 Sep 2021 19:08

Instrument :

BNA_F

ClientSampleId :

WC-DB-1

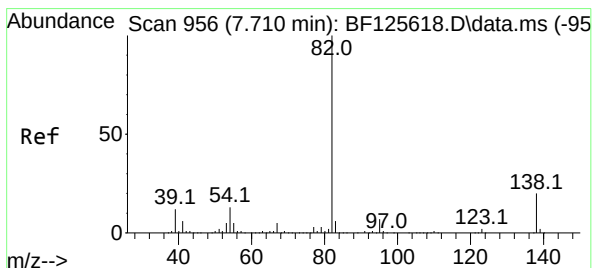
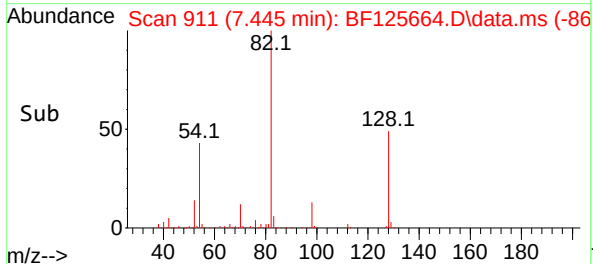
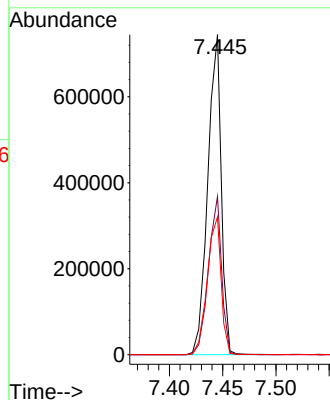
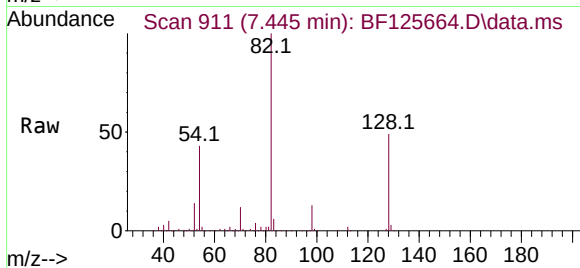
Tgt Ion: 82 Resp: 659365

Ion Ratio Lower Upper

82 100

128 49.5 40.6 60.8

54 43.1 49.6 74.4#



#25

Isophorone

Concen: 19.538 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125664.D

Acq: 25 Sep 2021 19:08

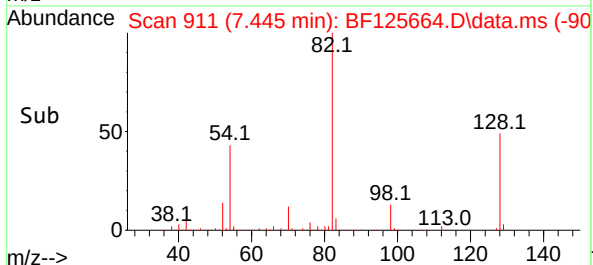
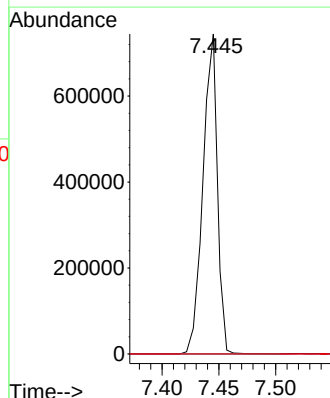
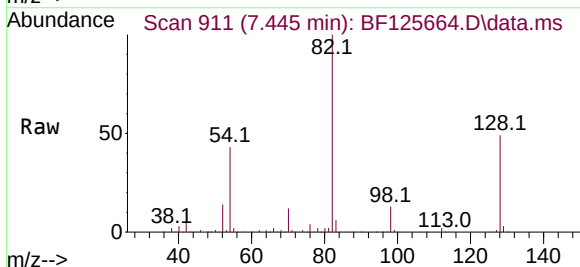
Tgt Ion: 82 Resp: 659357

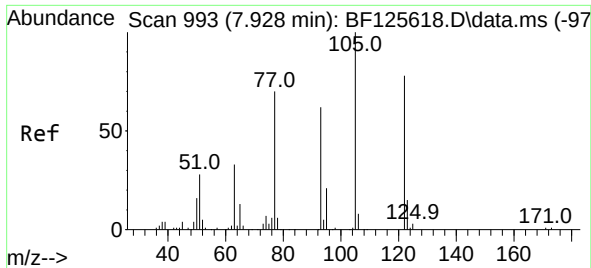
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

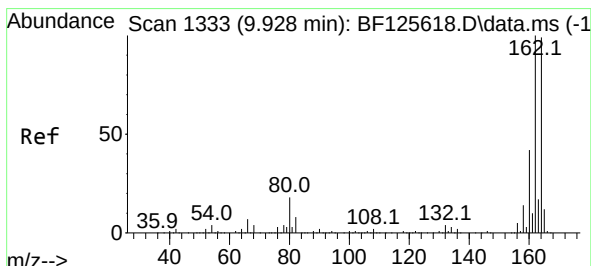
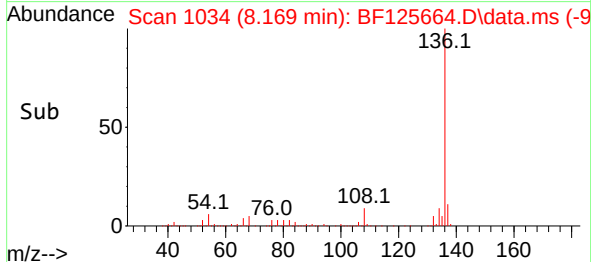
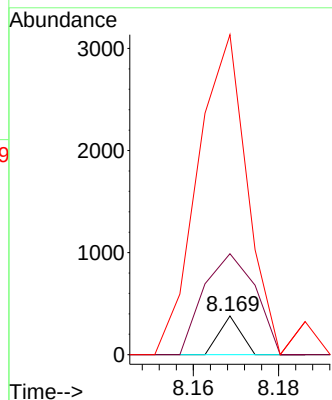
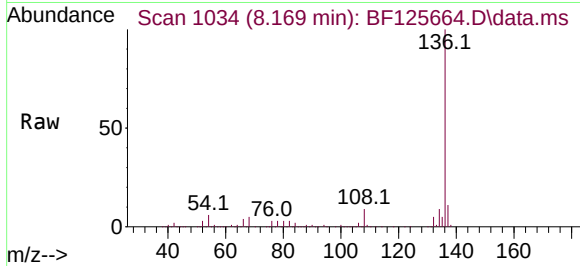




#32
Benzoic acid
Concen: 8.638 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

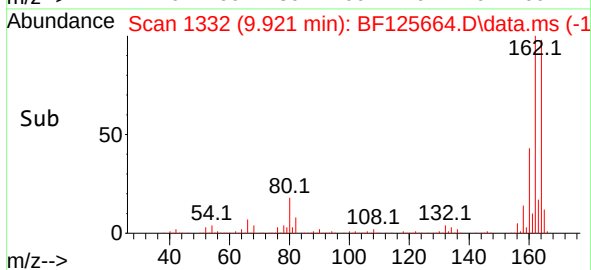
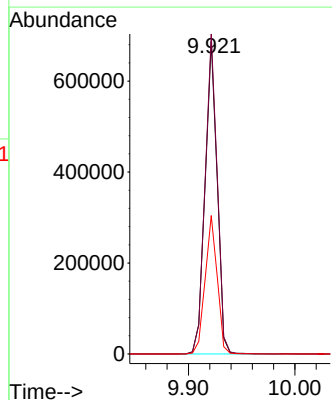
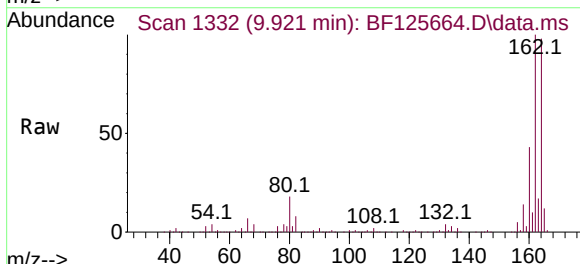
Instrument :
BNA_F
ClientSampled :
WC-DB-1

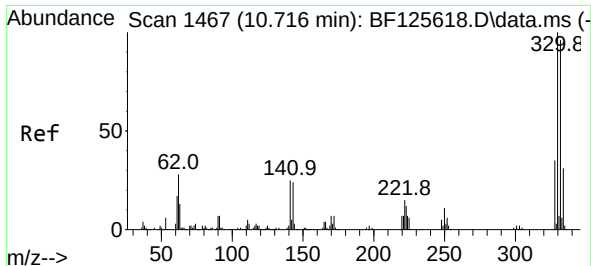
Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 260.3 97.6 137.6#
77 825.0 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:164 Resp: 543373
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 44.3 38.0 57.0

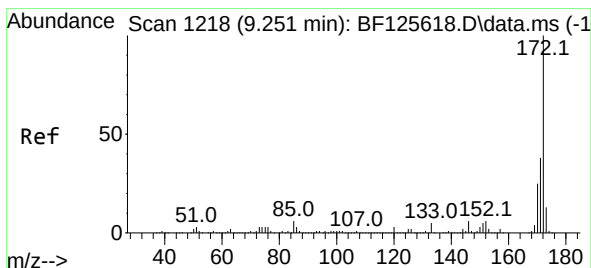
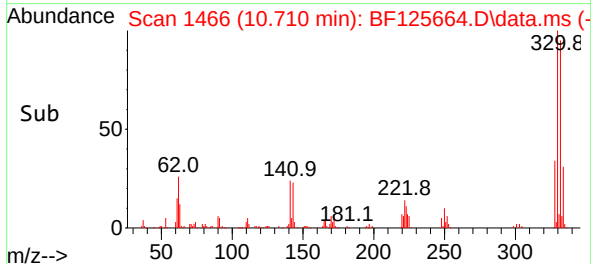
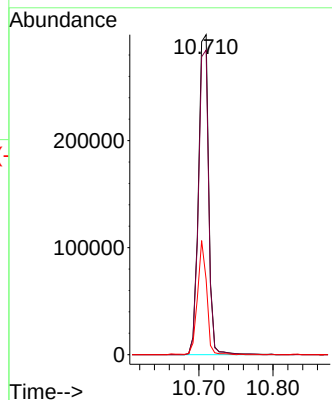
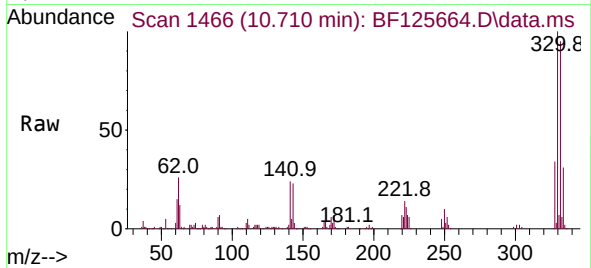




#42
 2,4,6-Tribromophenol
 Concen: 56.114 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.006 min
 Lab File: BF125664.D
 Acq: 25 Sep 2021 19:08

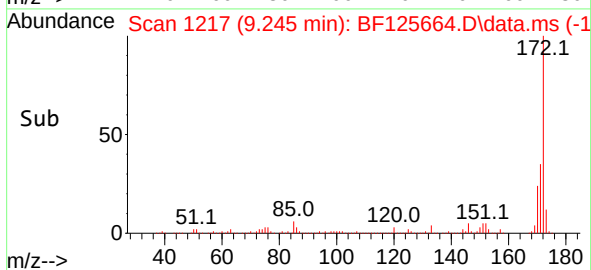
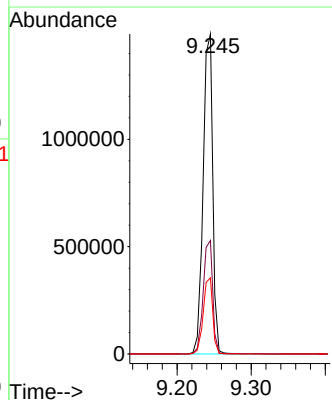
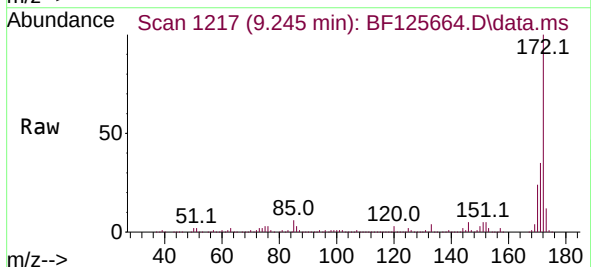
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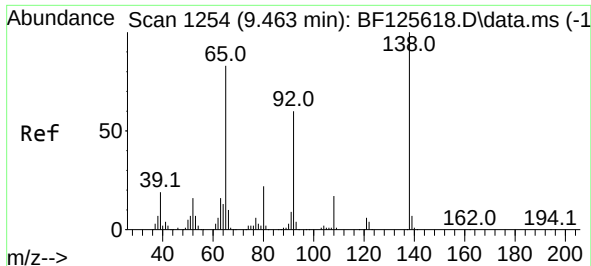
Tgt Ion: 330 Resp: 284288
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 31.9 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 36.787 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125664.D
 Acq: 25 Sep 2021 19:08

Tgt Ion: 172 Resp: 1341934
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.5 39.7
 170 23.8 18.8 28.2

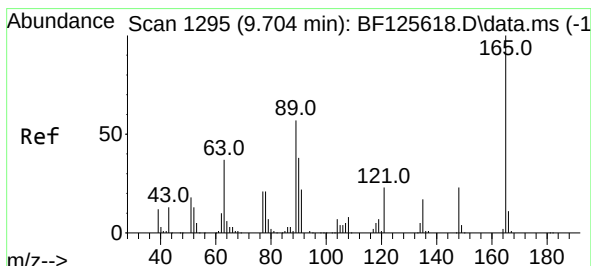
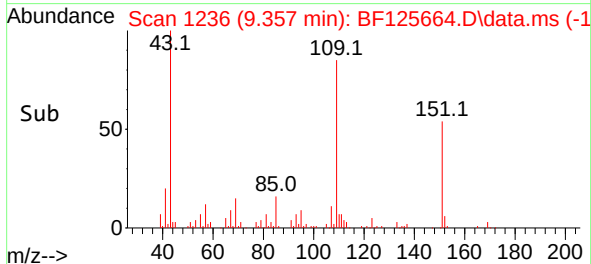
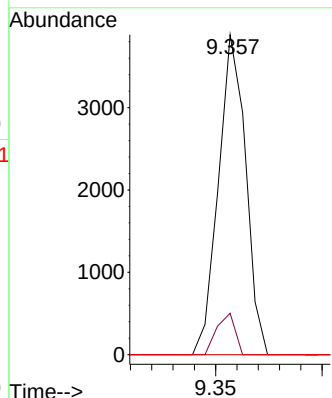
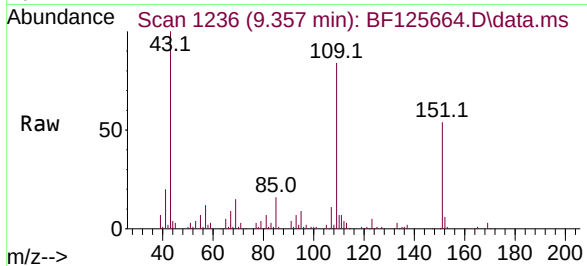




#48
2-Nitroaniline
Concen: 4.561 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.106 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

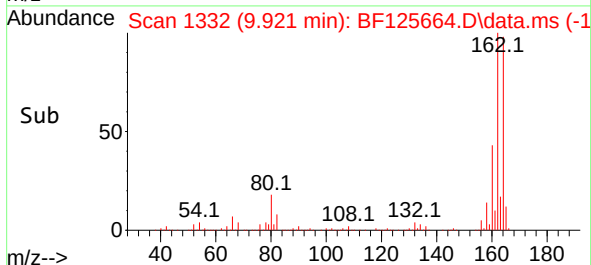
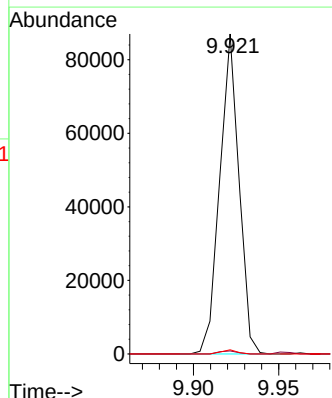
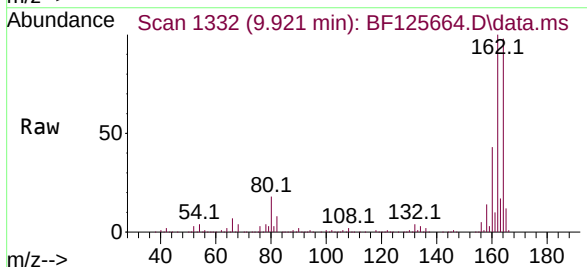
Instrument :
BNA_F
ClientSampleId :
WC-DB-1

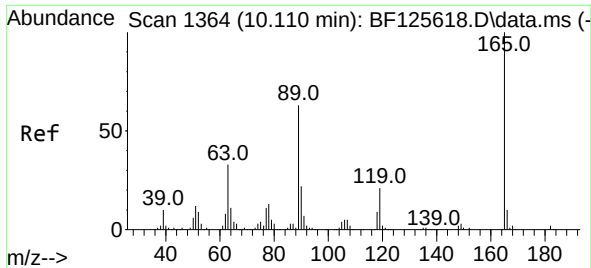
Tgt Ion: 65 Resp: 3455
Ion Ratio Lower Upper
65 100
92 12.9 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.509 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion: 165 Resp: 68450
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#

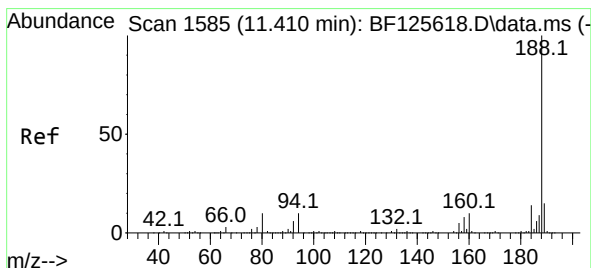
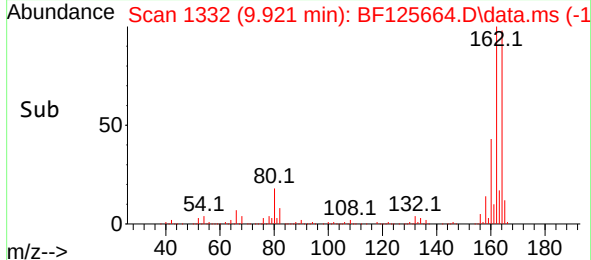
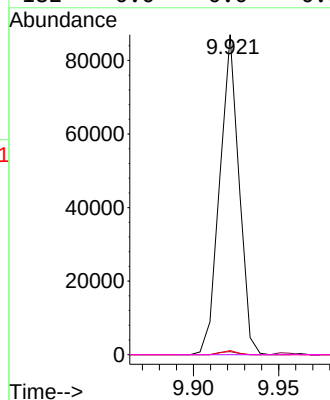
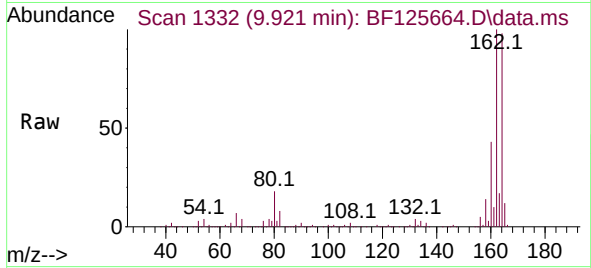




#57
2,4-Dinitrotoluene
Concen: 11.426 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

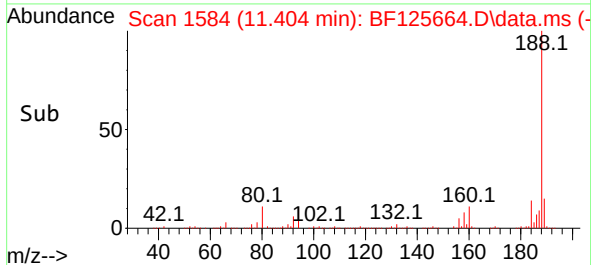
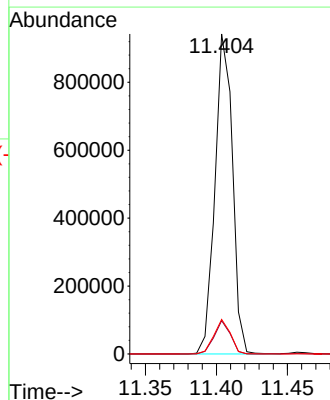
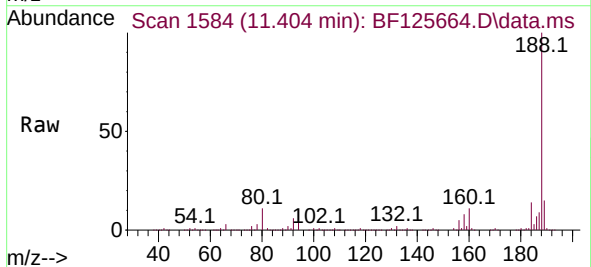
Instrument :
BNA_F
ClientSampleId :
WC-DB-1

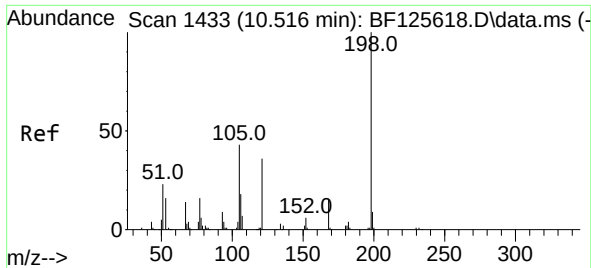
Tgt Ion:165	Resp:	68450
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.3	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:188	Resp:	808386
Ion Ratio	Lower	Upper
188	100	
94	10.4	6.7 10.1#
80	10.8	7.5 11.3

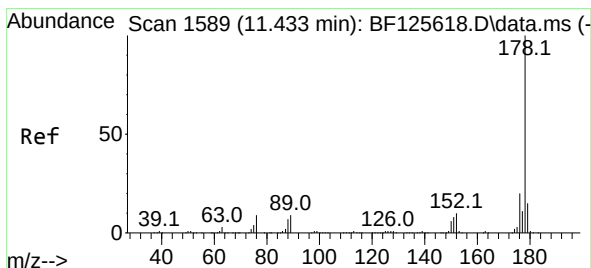
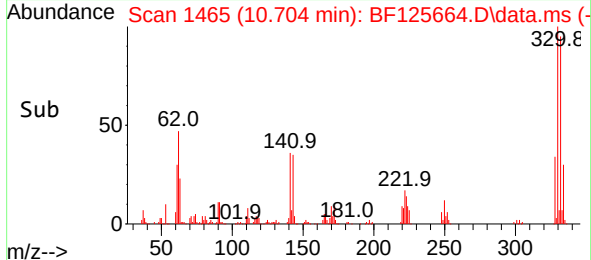
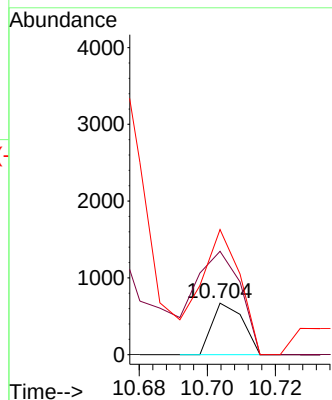
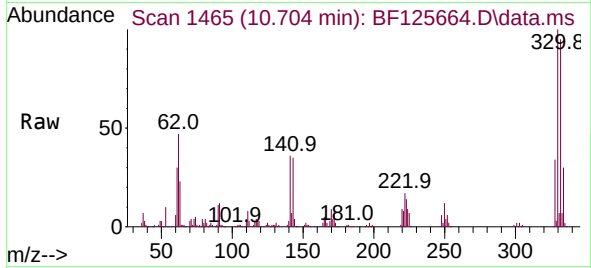




#65
4,6-Dinitro-2-methylphenol
Concen: 9.100 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

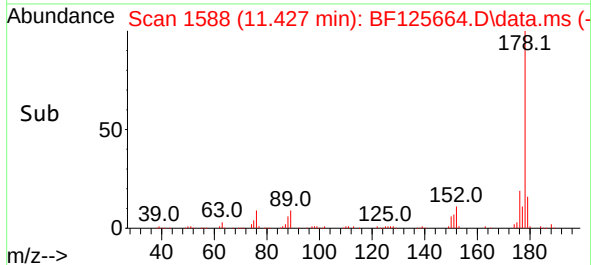
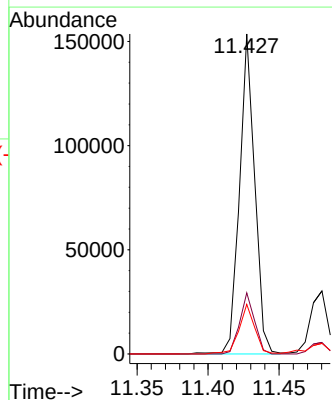
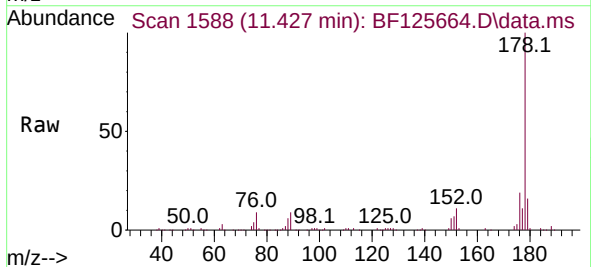
Instrument :
BNA_F
ClientSampled :
WC-DB-1

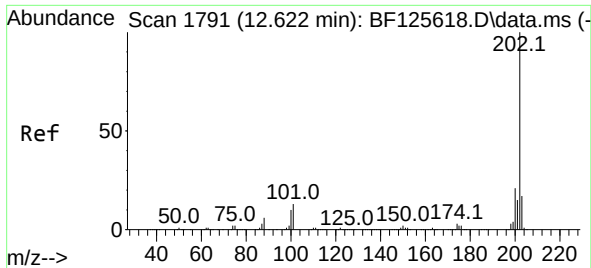
Tgt Ion:198 Resp: 422
Ion Ratio Lower Upper
198 100
51 200.6 45.3 85.3#
105 242.8 30.6 70.6#



#71
Phenanthrene
Concen: 2.528 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:178 Resp: 114597
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.5 11.5 17.3

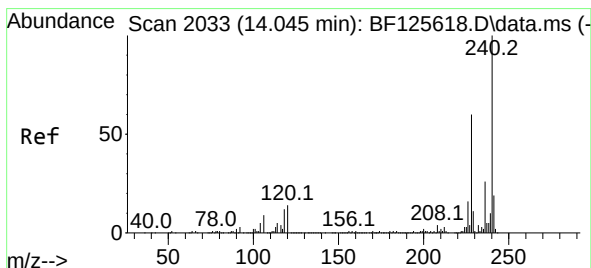
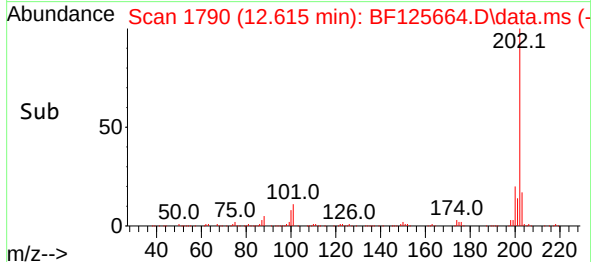
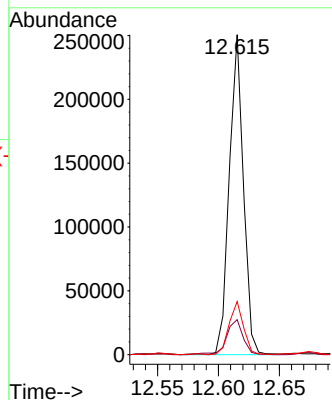
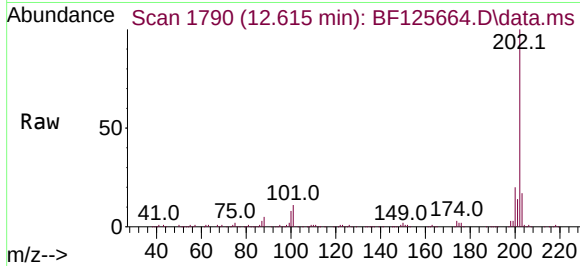




#75
Fluoranthene
Concen: 4.206 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.007 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

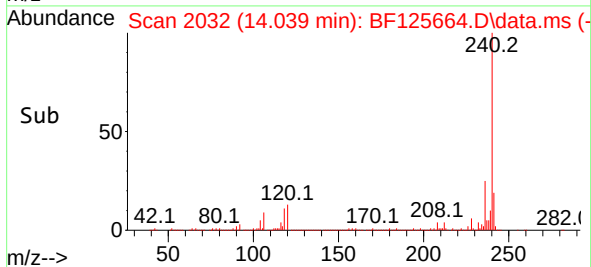
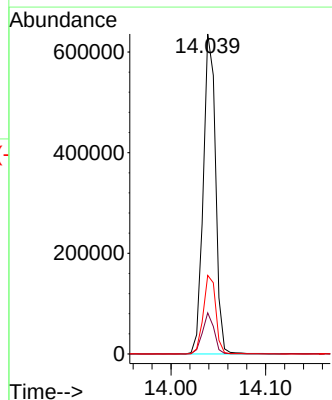
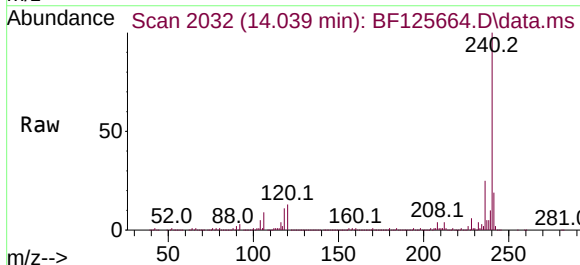
Instrument :
BNA_F
ClientSampleId :
WC-DB-1

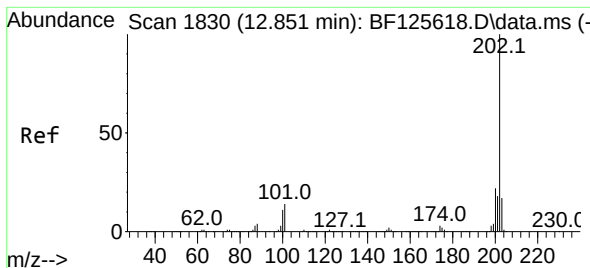
Tgt Ion:	202	Resp:	203749
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.7
203	16.6	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:	240	Resp:	573196
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.8	16.2
236	24.6	21.6	32.4





#78

Pyrene

Concen: 4.073 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF125664.D

Acq: 25 Sep 2021 19:08

Instrument :

BNA_F

ClientSampleId :

WC-DB-1

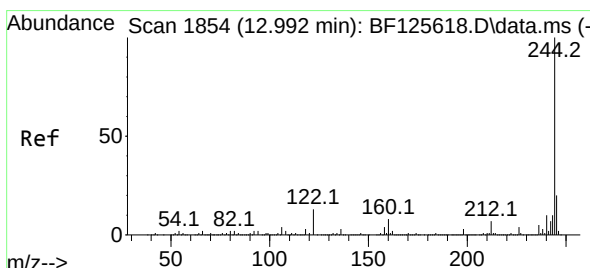
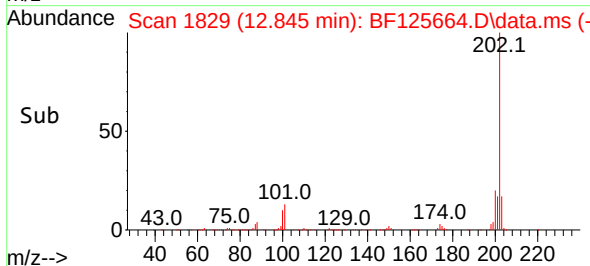
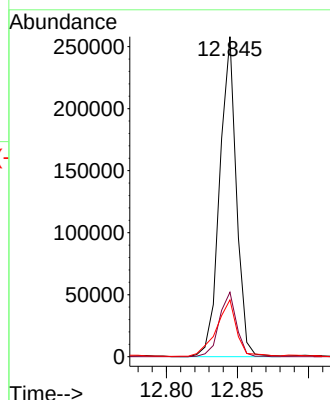
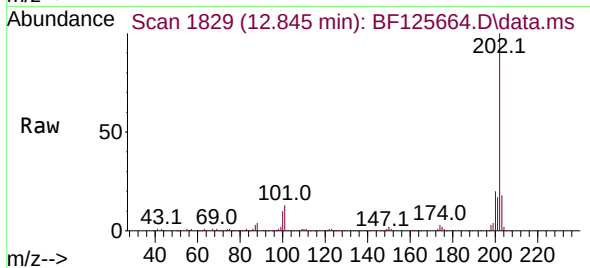
Tgt Ion:202 Resp: 210979

Ion Ratio Lower Upper

202 100

200 20.1 15.3 22.9

203 17.8 13.4 20.0



#79

Terphenyl-d14

Concen: 30.521 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF125664.D

Acq: 25 Sep 2021 19:08

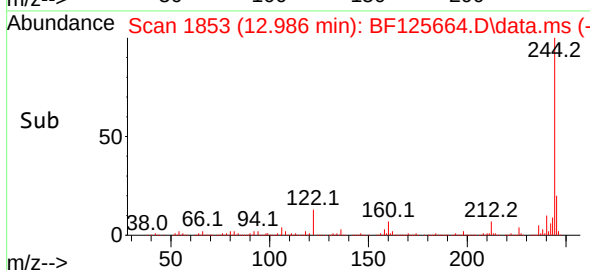
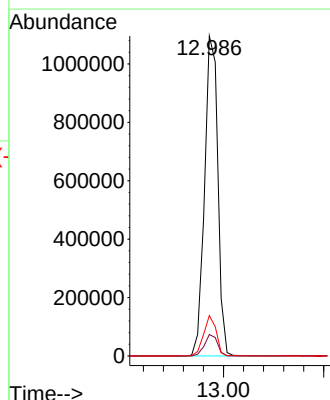
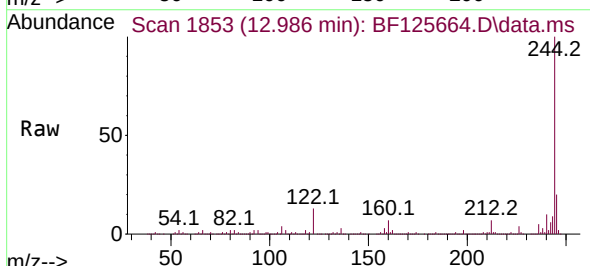
Tgt Ion:244 Resp: 1010203

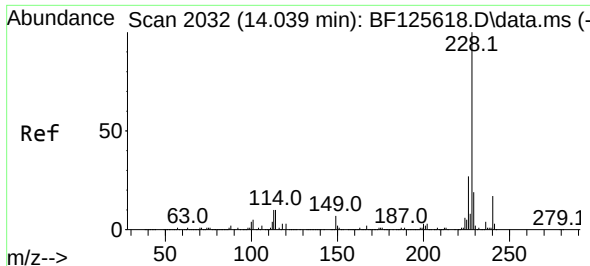
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 12.6 9.0 13.4

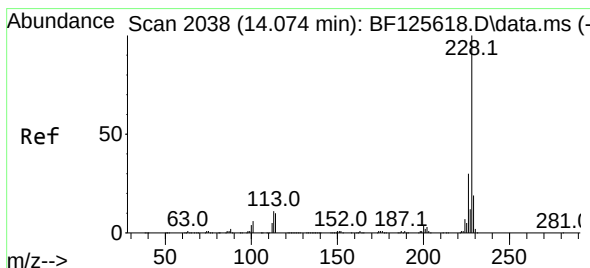
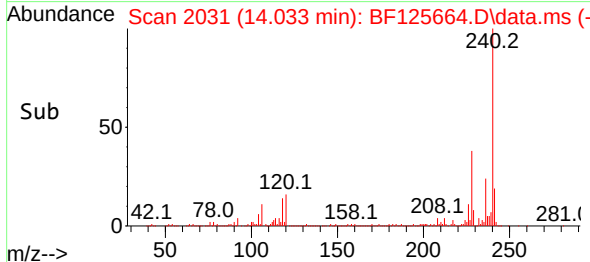
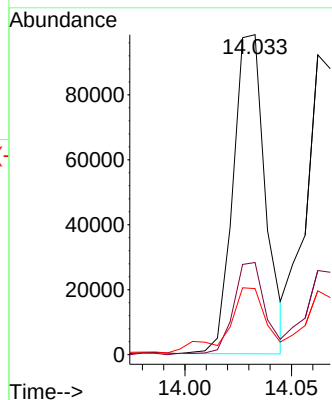
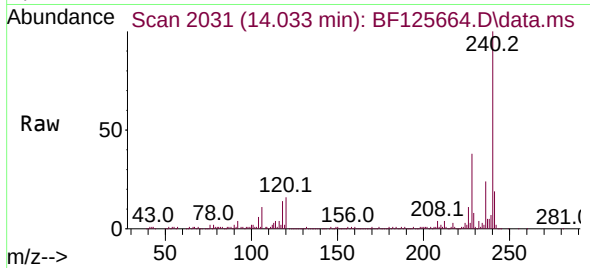




#81
Benzo(a)anthracene
Concen: 2.669 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

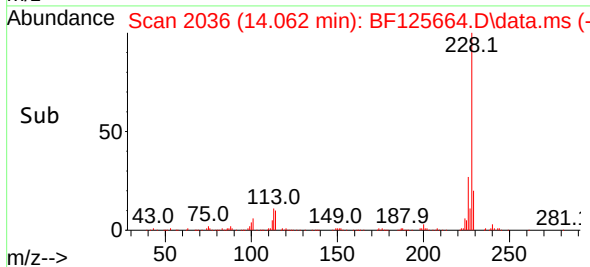
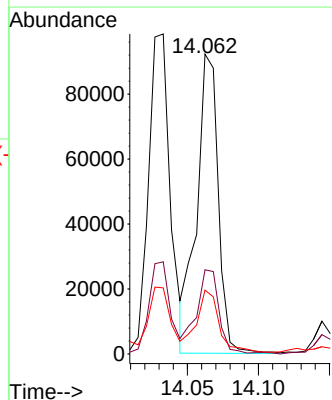
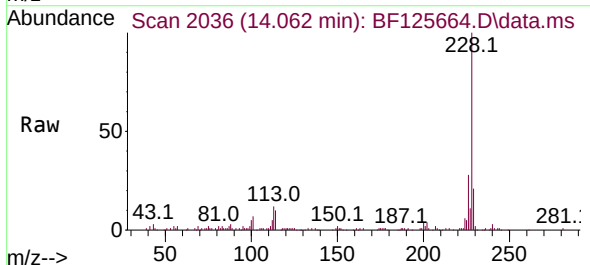
Instrument :
BNA_F
ClientSampled :
WC-DB-1

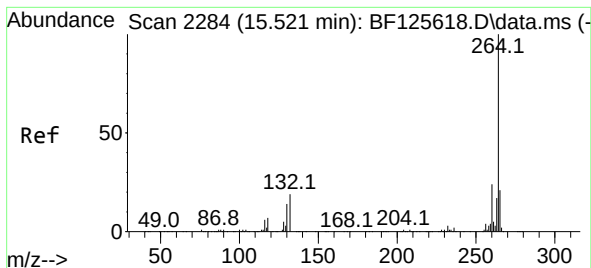
Tgt Ion:228 Resp: 103932
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 20.7 15.6 23.4



#83
Chrysene
Concen: 2.502 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:228 Resp: 97756
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 21.3 15.9 23.9

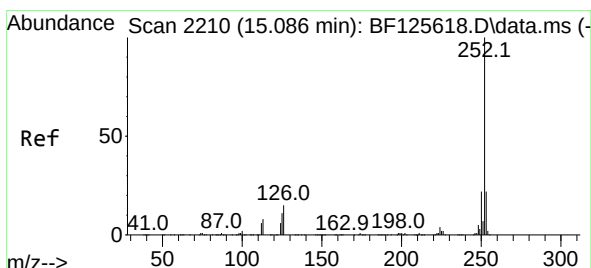
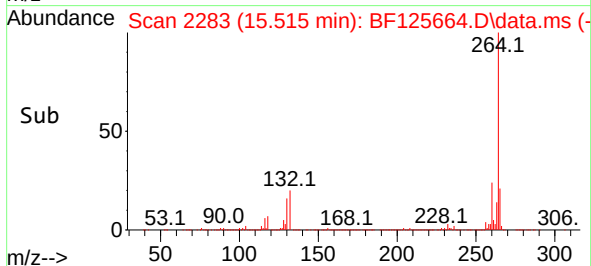
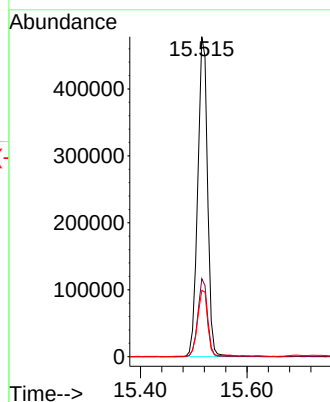
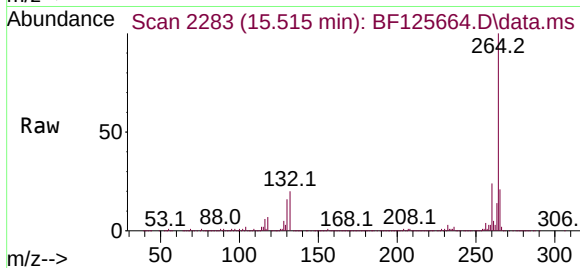




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

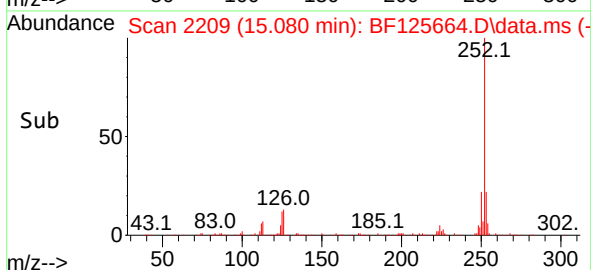
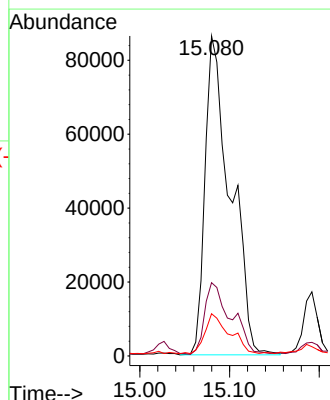
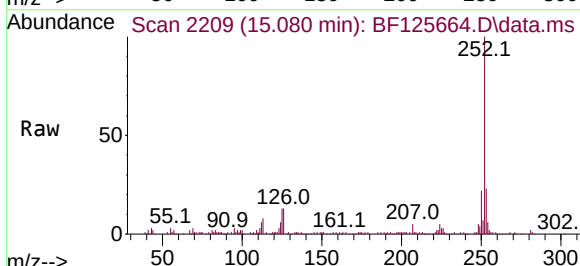
Instrument :
BNA_F
ClientSampleId :
WC-DB-1

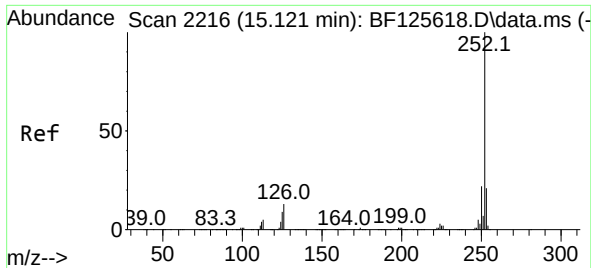
Tgt Ion:264	Resp: 612101
Ion Ratio	Lower Upper
264	100
260	24.4 19.6 29.4
265	20.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.953 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:252	Resp: 169524
Ion Ratio	Lower Upper
252	100
253	22.9 16.8 25.2
125	13.2 9.8 14.8

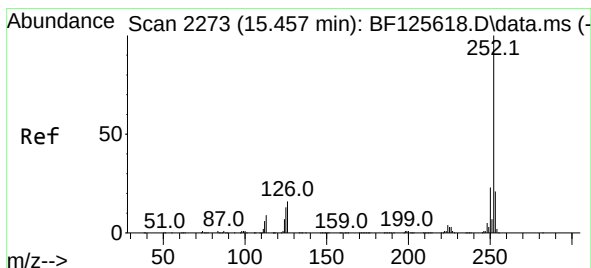
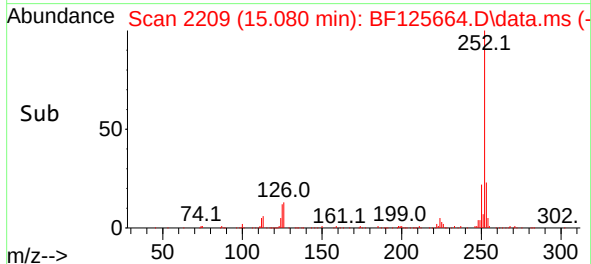
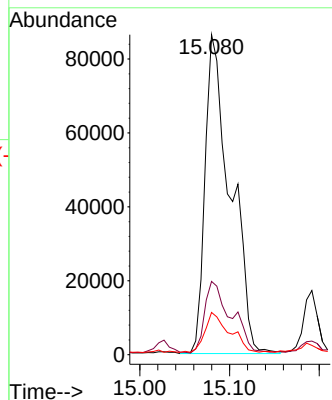
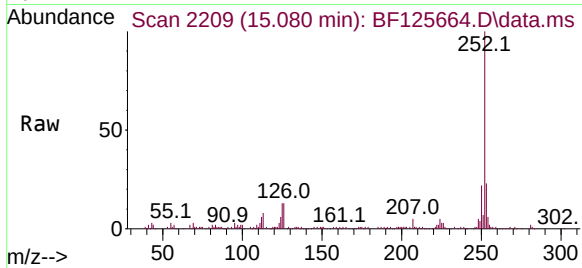




#89
Benzo(k)fluoranthene
Concen: 4.126 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.041 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Instrument :
BNA_F
ClientSampleId :
WC-DB-1

Tgt Ion:252 Resp: 169524
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 13.2 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 2.511 ng
RT: 15.450 min Scan# 2272
Delta R.T. -0.007 min
Lab File: BF125664.D
Acq: 25 Sep 2021 19:08

Tgt Ion:252 Resp: 95860
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 11.7 9.9 14.9

