

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125096.D
 Acq On : 18 Aug 2021 19:42
 Operator : JU/CG
 Sample : M3441-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Aug 19 06:46:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

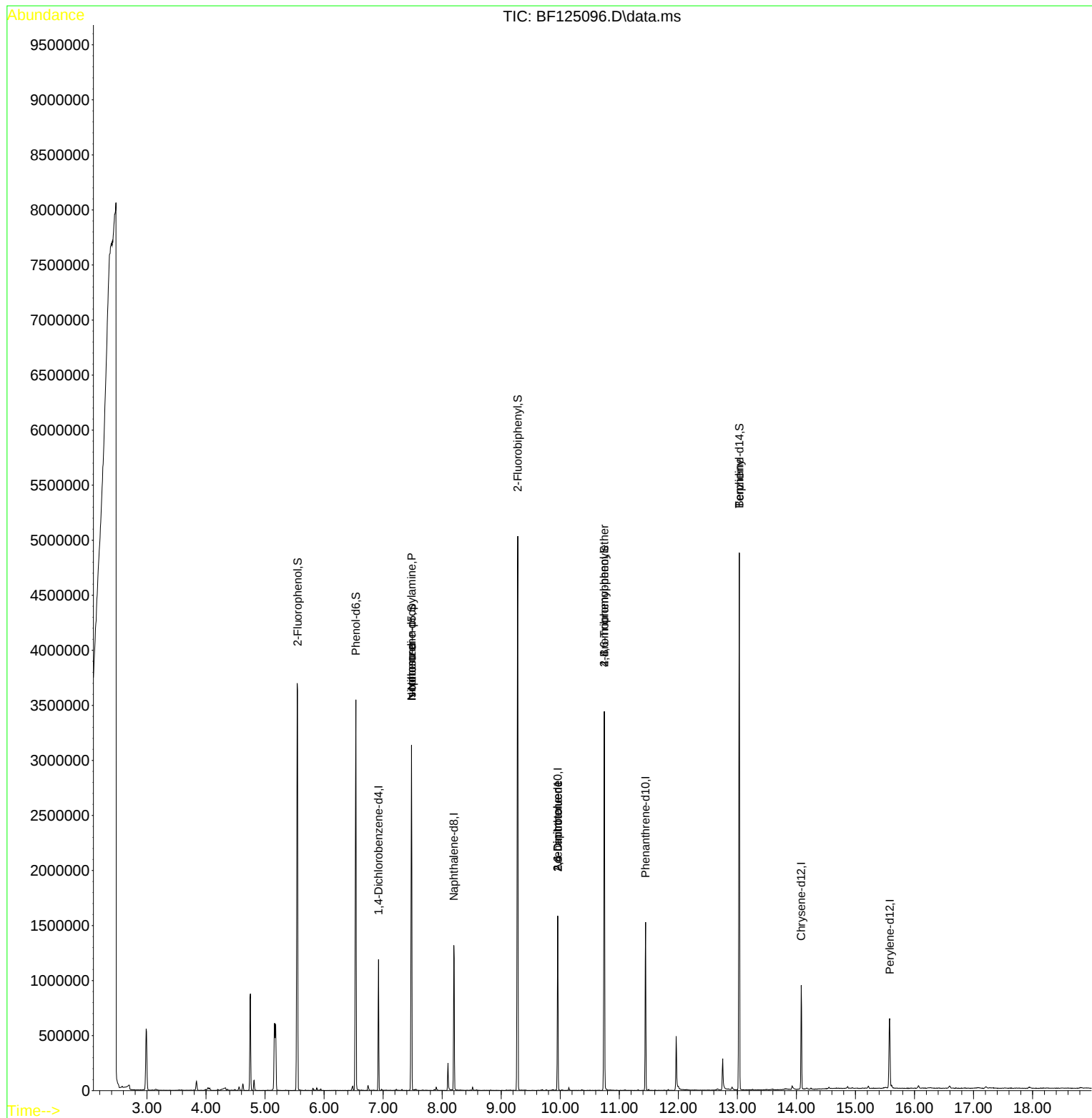
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	149281	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	589107	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	308666	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	532703	20.000	ng	0.00
76) Chrysene-d12	14.080	240	309651	20.000	ng	0.00
86) Perylene-d12	15.580	264	295630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1057542	107.227	ng	0.02
7) Phenol-d6	6.539	99	1156600	90.674	ng	0.00
23) Nitrobenzene-d5	7.480	82	995534	85.077	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	417407	135.470	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1681289	75.916	ng	0.00
79) Terphenyl-d14	13.033	244	1707586	87.852	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.480	70	133956	17.460	ng	# 61
25) Isophorone	7.480	82	995518	44.100	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	39464	8.509	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	39464	7.030	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	26587	4.156	ng	# 1
77) Benzydine	13.033	184	22188	2.052	ng	96

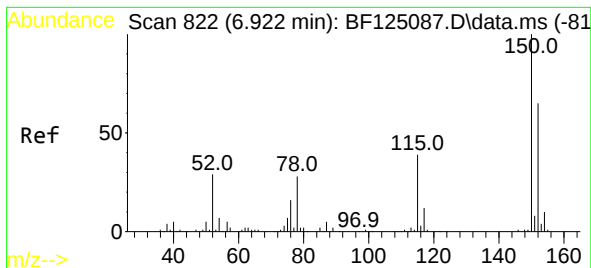
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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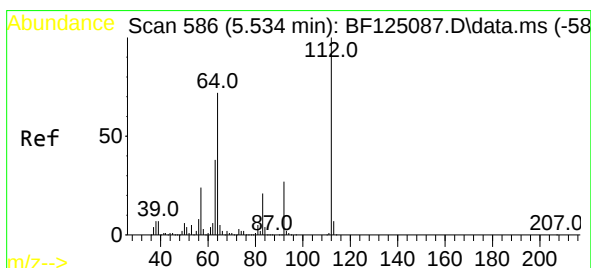
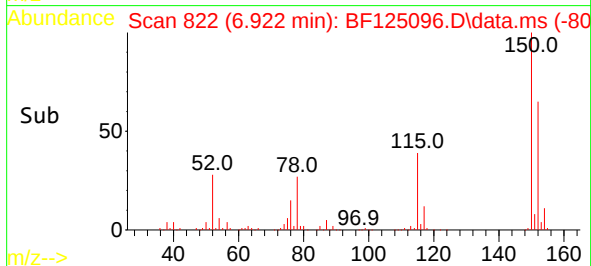
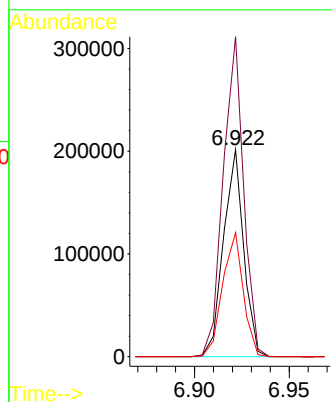
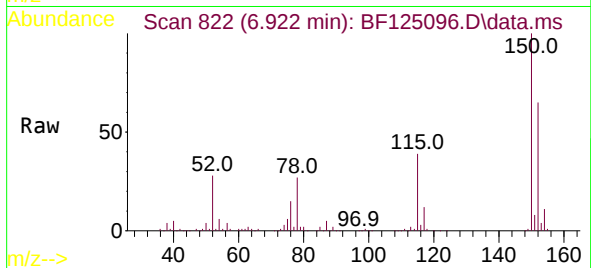




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

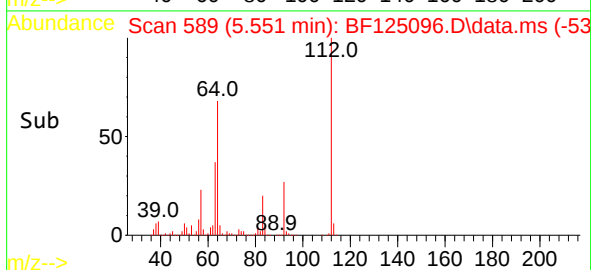
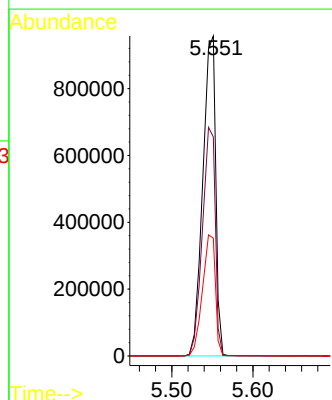
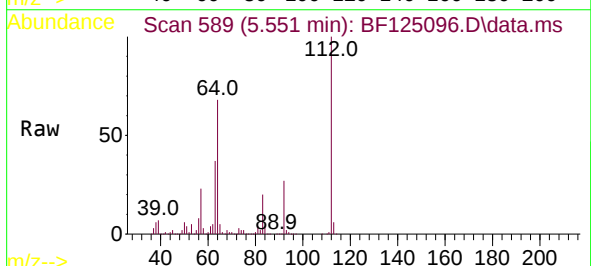
Instrument :
BNA_F
ClientSampled :
WC-4

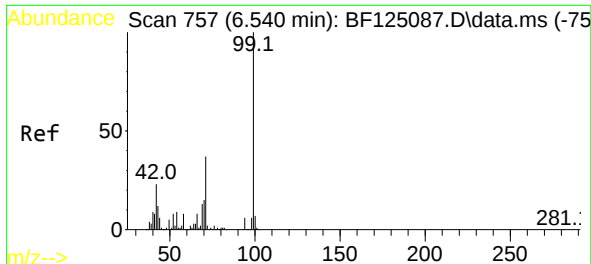
Tgt Ion:152 Resp: 149281
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 107.227 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.017 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion:112 Resp: 1057542
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 36.8 26.2 39.2

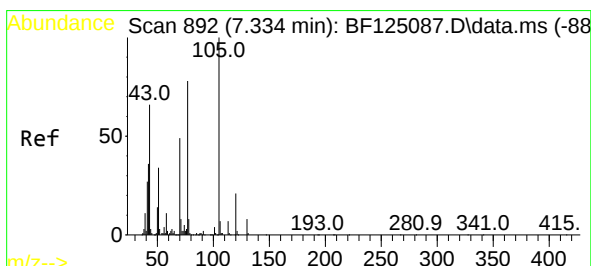
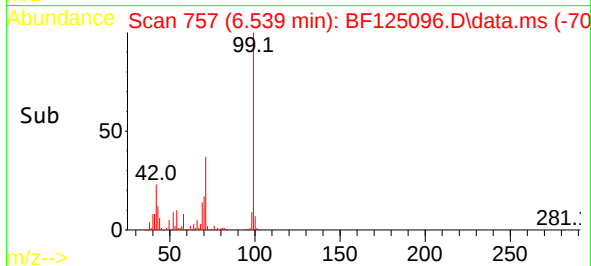
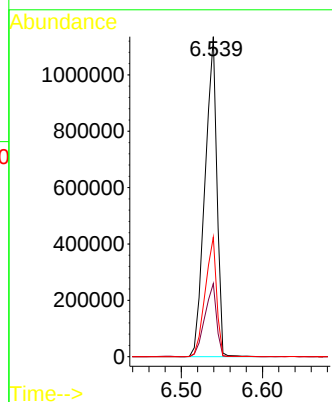
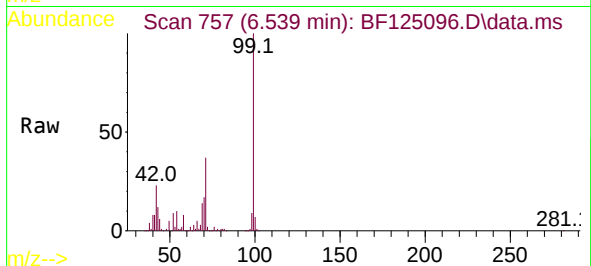




#7
Phenol-d6
Concen: 90.674 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

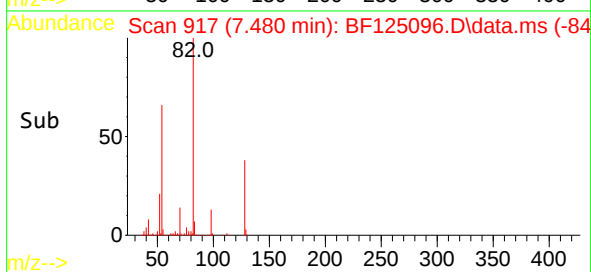
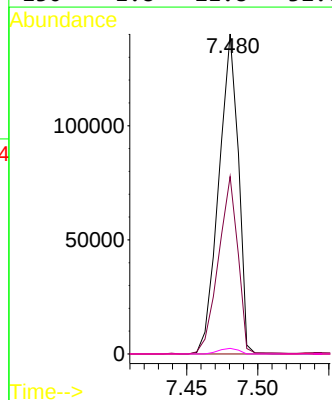
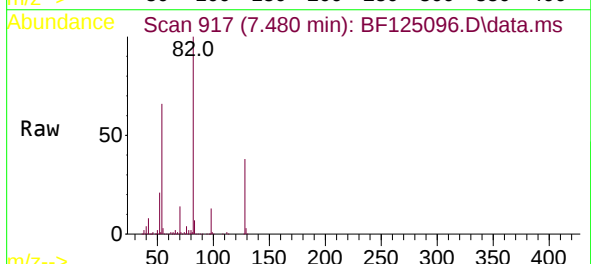
Instrument :
BNA_F
ClientSampleId :
WC-4

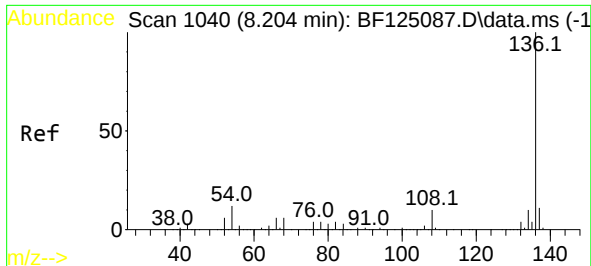
Tgt Ion: 99 Resp: 1156600
Ion Ratio Lower Upper
99 100
42 22.8 23.5 35.3#
71 37.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.460 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 70 Resp: 133956
Ion Ratio Lower Upper
70 100
42 55.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

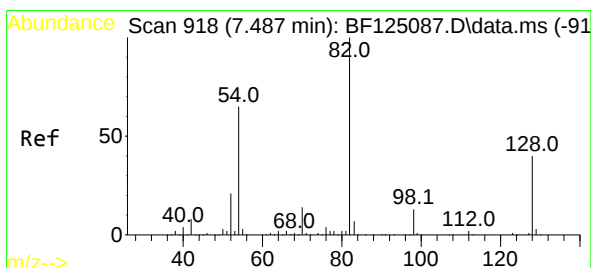
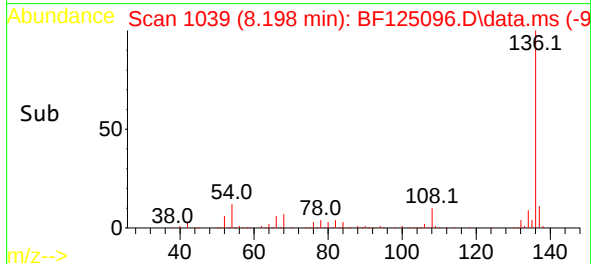
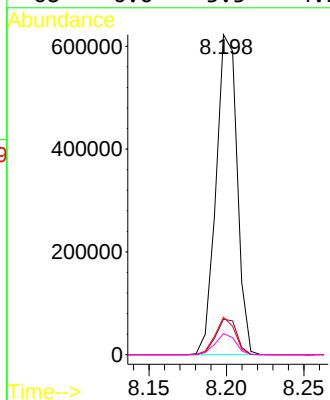
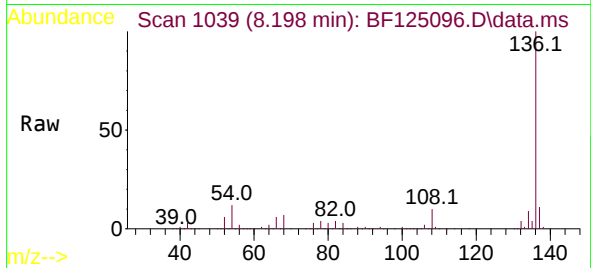




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

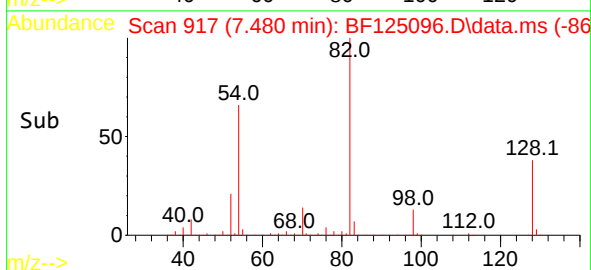
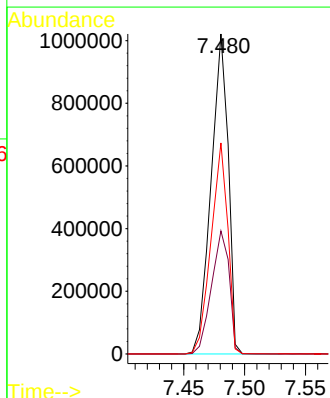
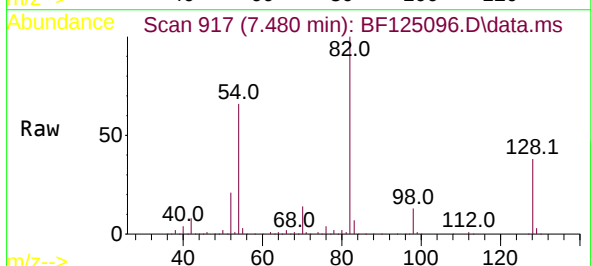
Instrument :
BNA_F
ClientSampled :
WC-4

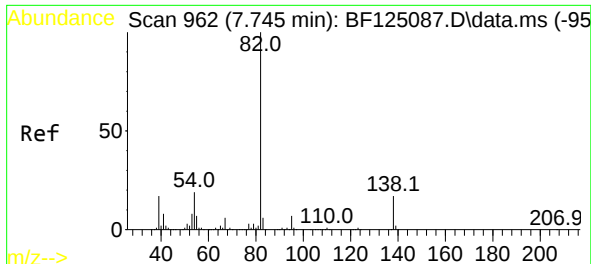
Tgt Ion:136 Resp: 589107
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 11.7 6.4 9.6#
68 6.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 85.077 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 82 Resp: 995534
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 66.0 49.6 74.4

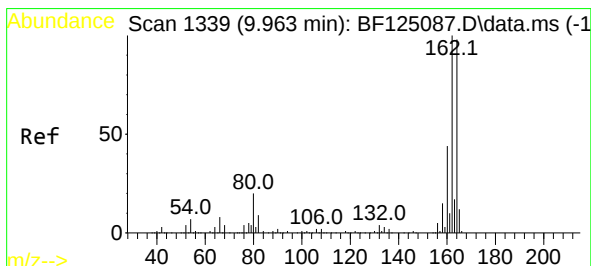
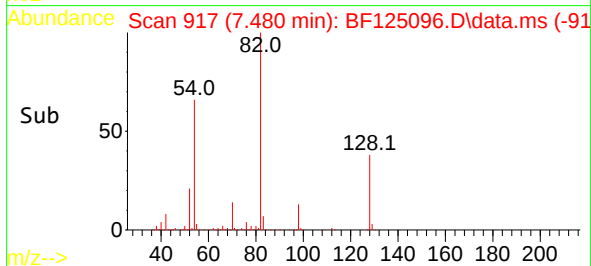
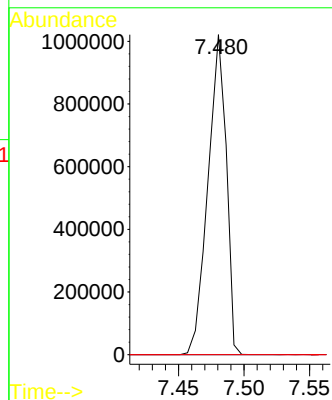
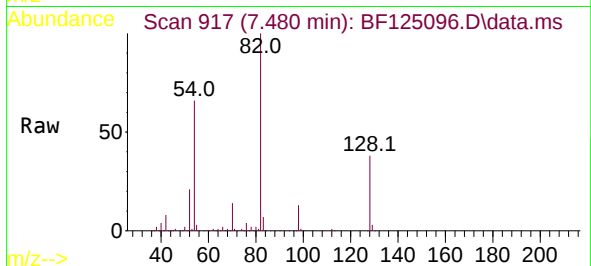




#25
Isophorone
Concen: 44.100 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

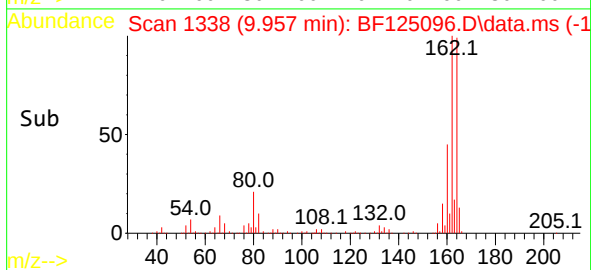
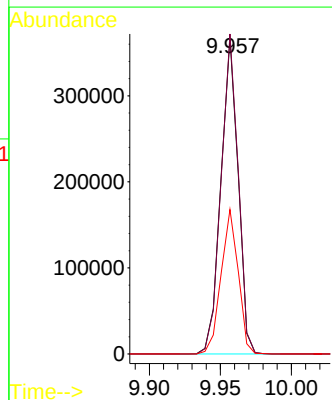
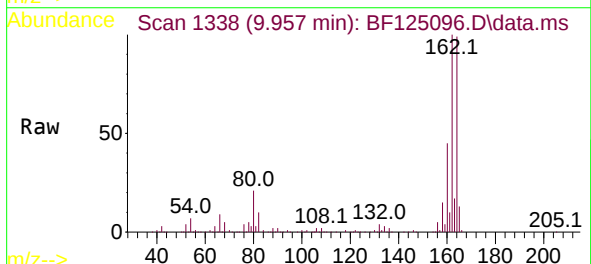
Instrument :
BNA_F
ClientSampleId :
WC-4

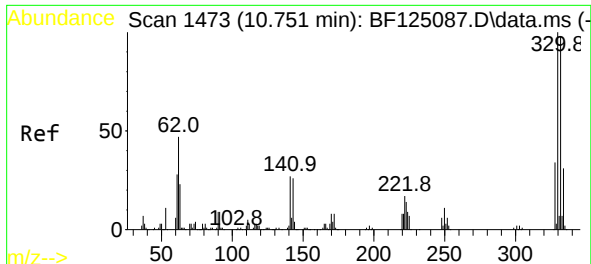
Tgt Ion: 82 Resp: 995518
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 164 Resp: 308666
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.7 38.0 57.0

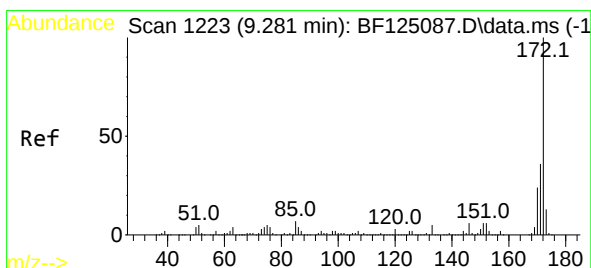
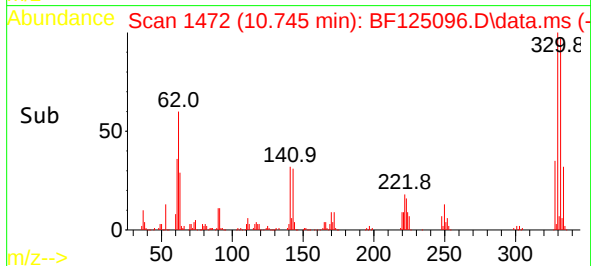
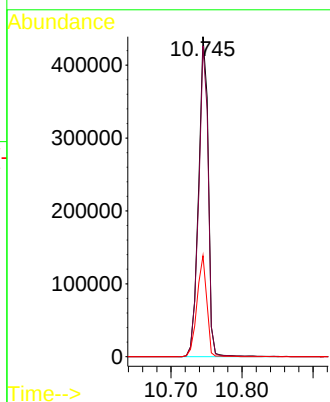
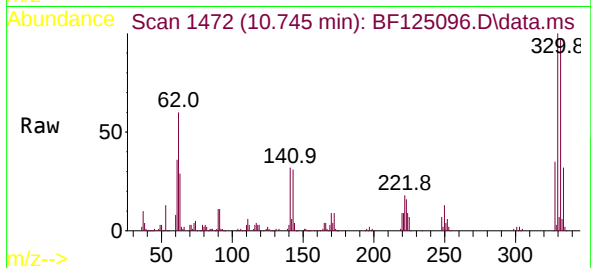




#42
2,4,6-Tribromophenol
Concen: 135.470 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

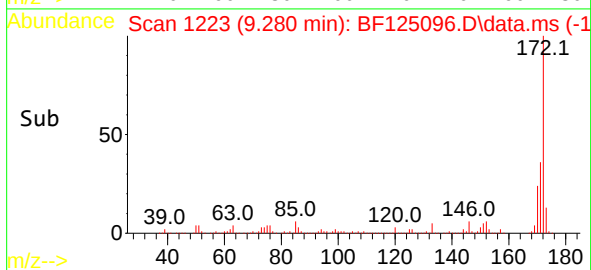
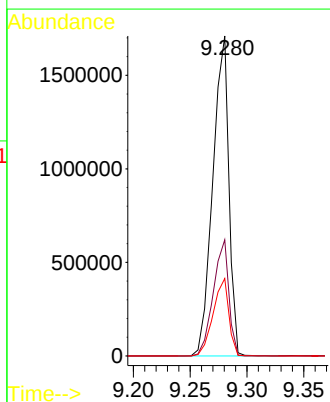
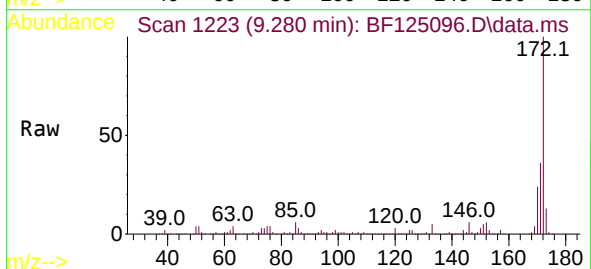
Instrument :
BNA_F
ClientSampled :
WC-4

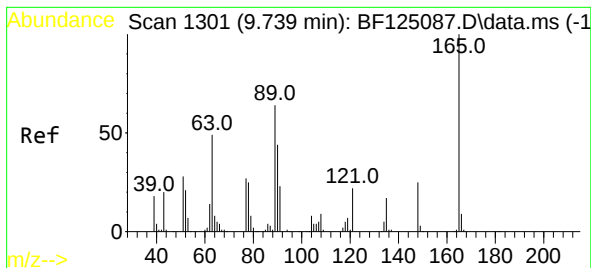
Tgt Ion:330 Resp: 417407
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 31.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 75.916 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion:172 Resp: 1681289
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.2 18.8 28.2

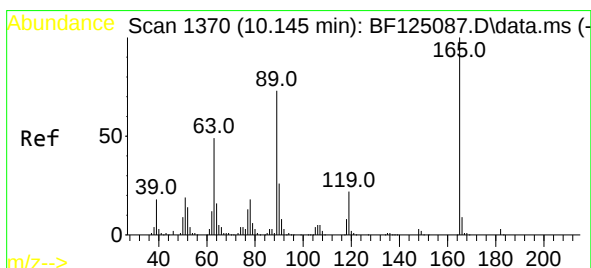
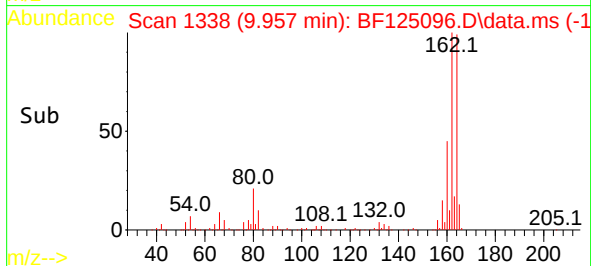
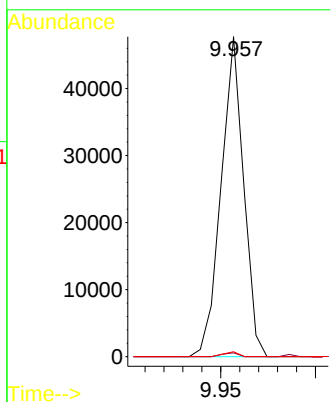
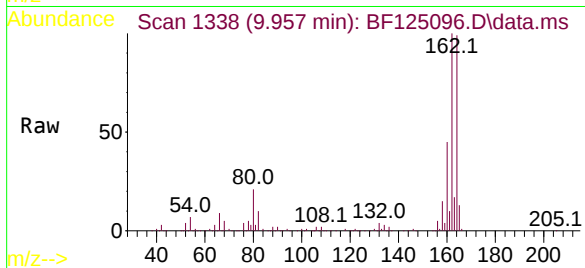




#51
2,6-Dinitrotoluene
Concen: 8.509 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

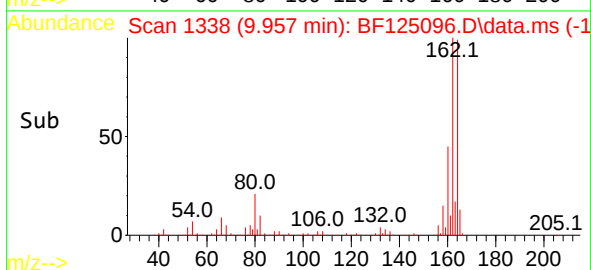
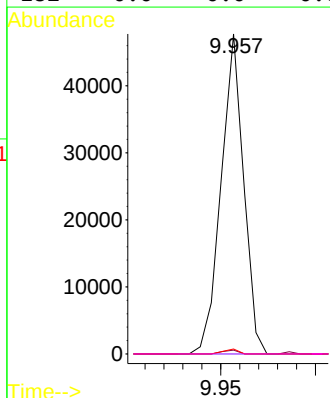
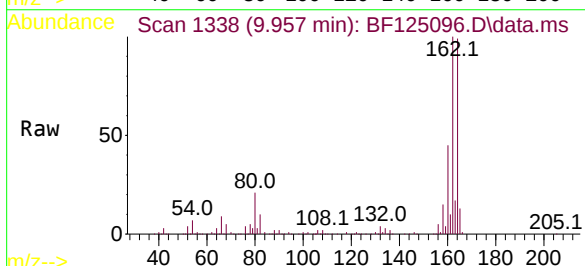
Instrument :
BNA_F
ClientSampled :
WC-4

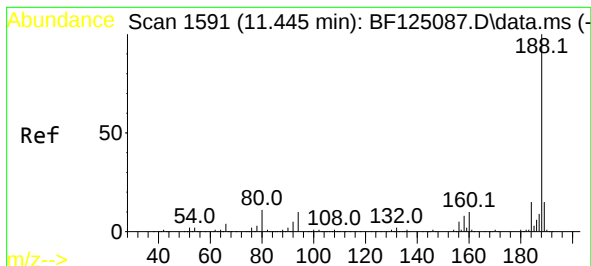
Tgt Ion:165 Resp: 39464
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.030 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion:165 Resp: 39464
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

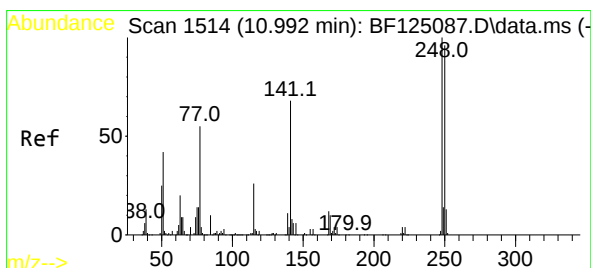
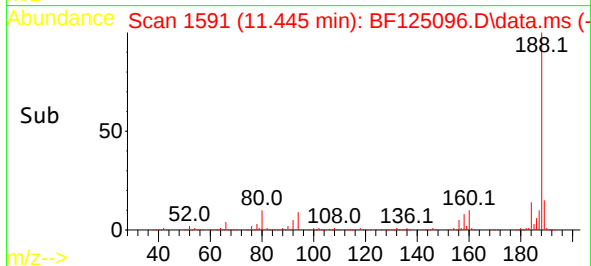
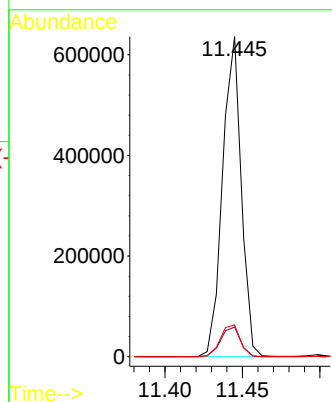
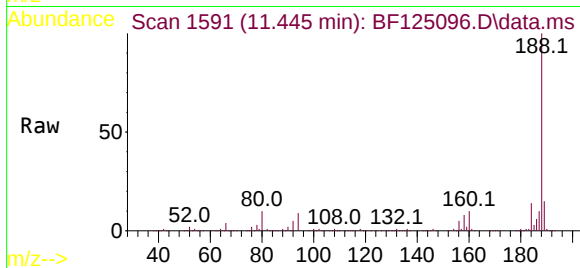




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

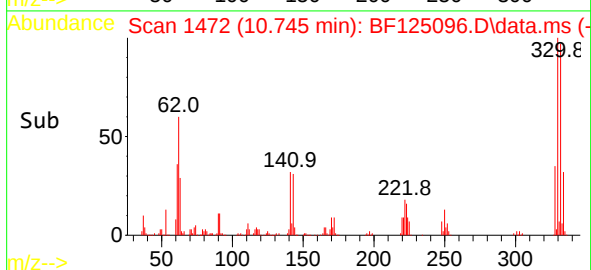
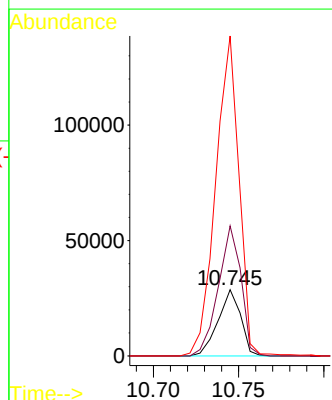
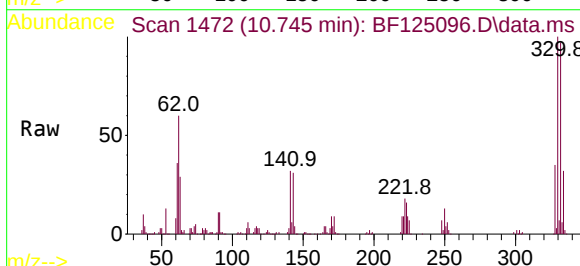
Instrument :
BNA_F
ClientSampled :
WC-4

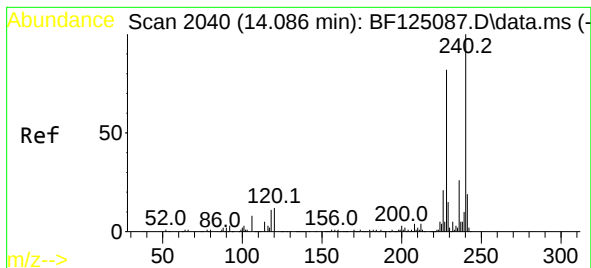
Tgt Ion:188 Resp: 532703
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.156 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion:248 Resp: 26587
Ion Ratio Lower Upper
248 100
250 196.4 74.2 111.4#
141 482.9 60.4 90.6#

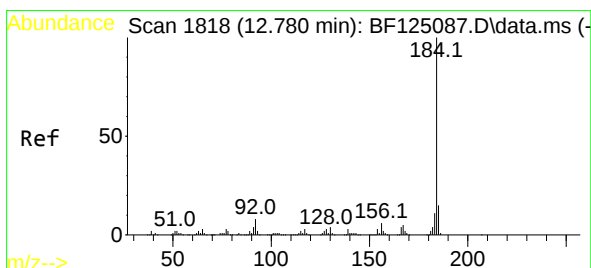
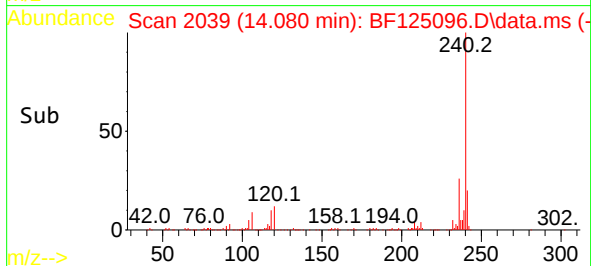
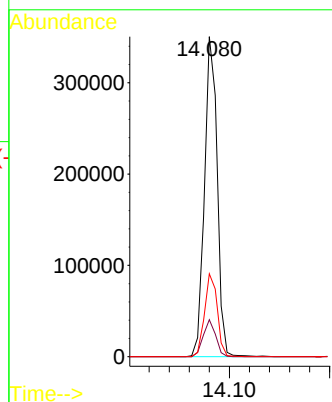
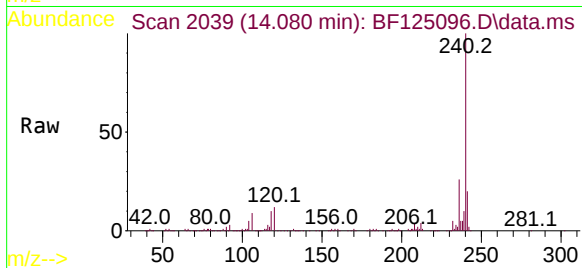




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

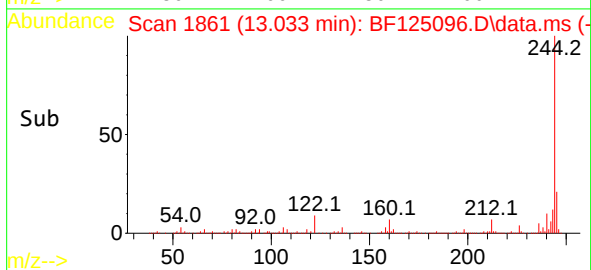
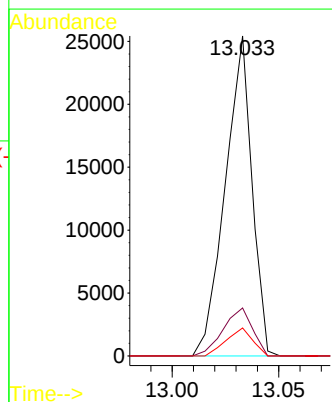
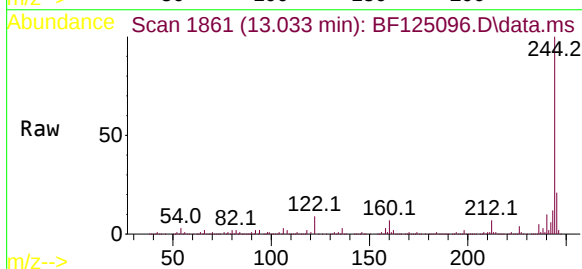
Instrument :
BNA_F
ClientSampleId :
WC-4

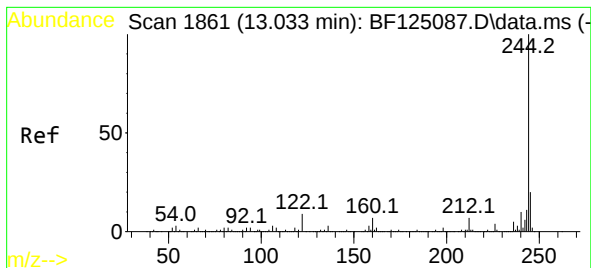
Tgt Ion:240 Resp: 309651
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.9 21.6 32.4



#77
Benzidine
Concen: 2.052 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.253 min
Lab File: BF125096.D
Acq: 18 Aug 2021 19:42

Tgt Ion:184 Resp: 22188
Ion Ratio Lower Upper
184 100
185 15.0 10.8 16.2
183 8.8 8.1 12.1





#79

Terphenyl-d14

Concen: 87.852 ng

RT: 13.033 min Scan# 1861

Delta R.T. -0.000 min

Lab File: BF125096.D

Acq: 18 Aug 2021 19:42

Instrument :

BNA_F

ClientSampled :

WC-4

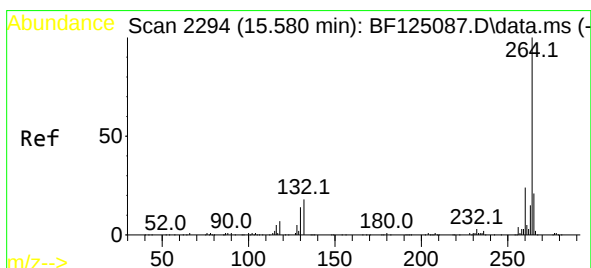
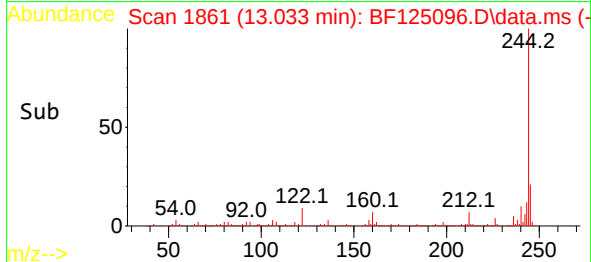
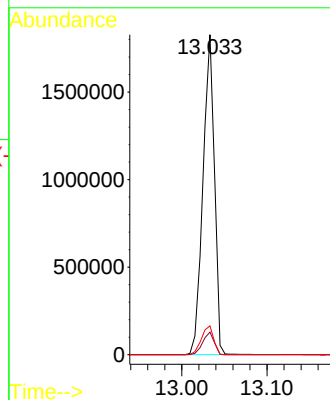
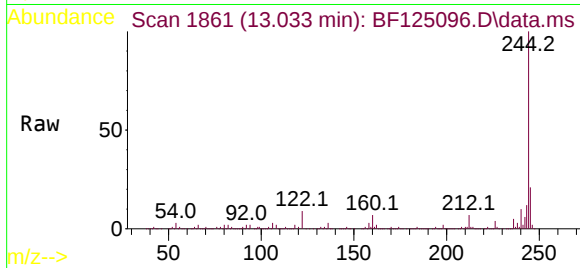
Tgt Ion:244 Resp: 1707586

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BF125096.D

Acq: 18 Aug 2021 19:42

Tgt Ion:264 Resp: 295630

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 21.2 17.2 25.8

