

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135309.D
 Acq On : 18 Sep 2023 16:33
 Operator : CG\JU
 Sample : 04391-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-26-WEST-MAIN-STREET

Quant Time: Sep 18 17:42:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

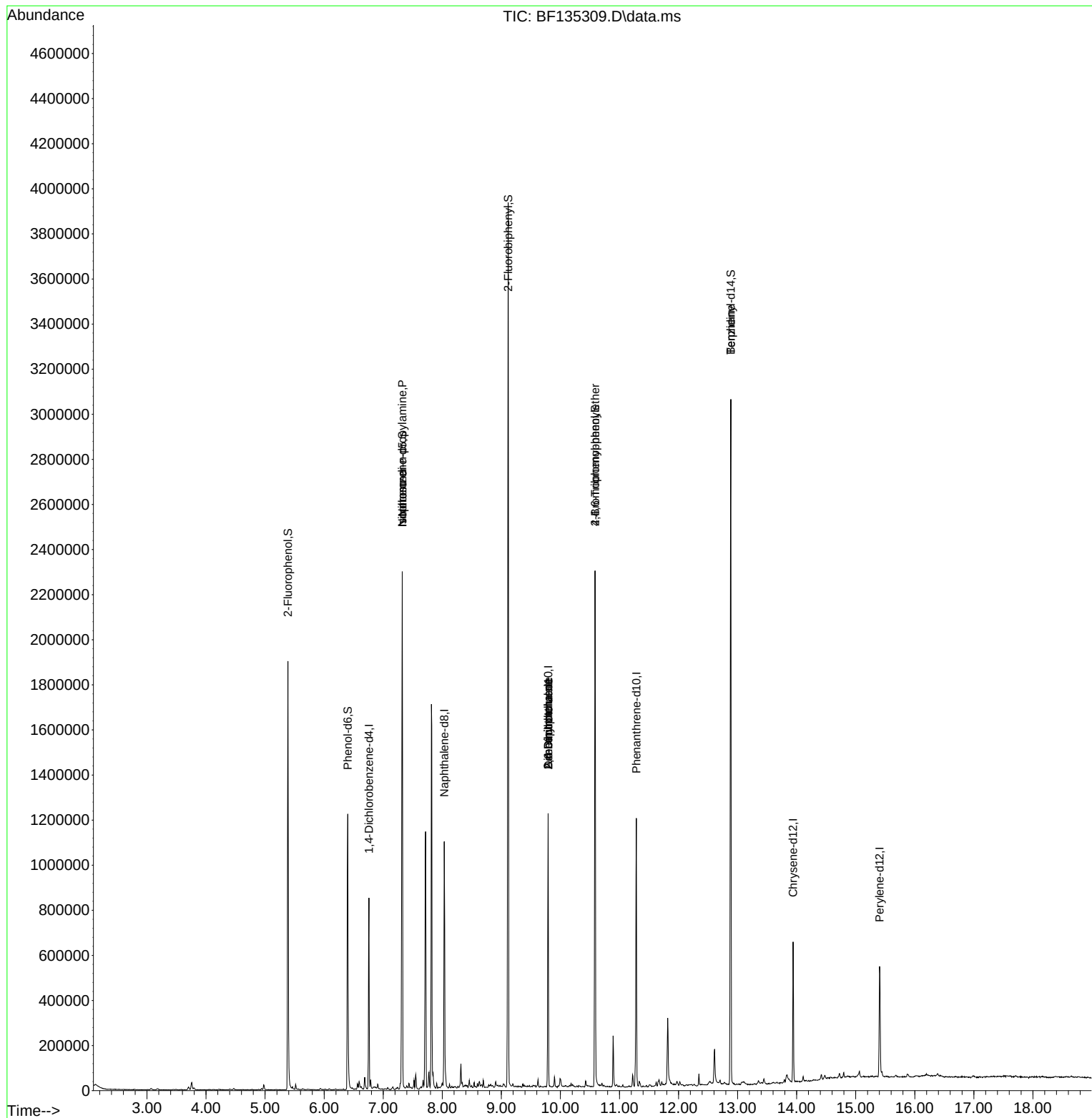
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	115455	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	446021	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	222675	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	415768	20.000	ng	0.00
76) Chrysene-d12	13.939	240	196679	20.000	ng	0.00
86) Perylene-d12	15.404	264	241572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	480417	67.678	ng	0.00
7) Phenol-d6	6.398	99	390323	43.243	ng	0.00
23) Nitrobenzene-d5	7.322	82	741304	90.298	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	272816	123.287	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1253513	84.931	ng	-0.01
79) Terphenyl-d14	12.886	244	1098365	86.571	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	98689	17.652	ng	# 82
25) Isophorone	7.322	82	740117	49.096	ng	# 65
50) Dimethylphthalate	9.792	163	45135	2.998	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	28942	8.775	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	28942	7.010	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	17904	4.330	ng	# 1
77) Benzidine	12.886	184	14300	3.549	ng	# 95

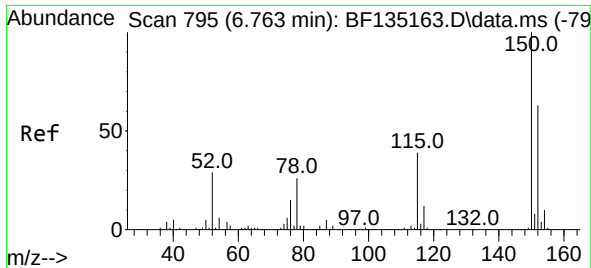
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

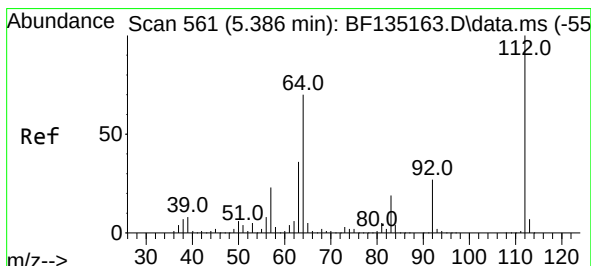
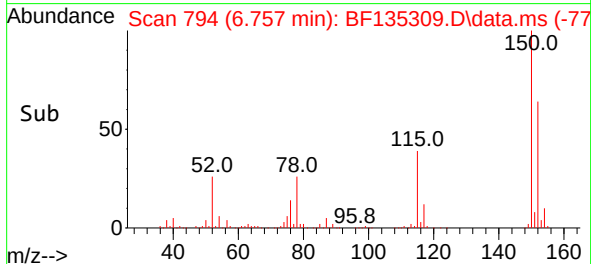
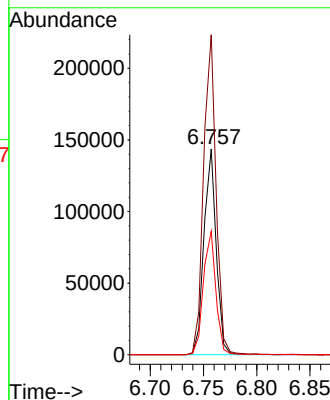
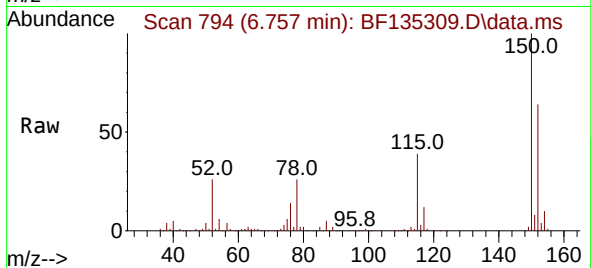




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135309.D
 Acq: 18 Sep 2023 16:33

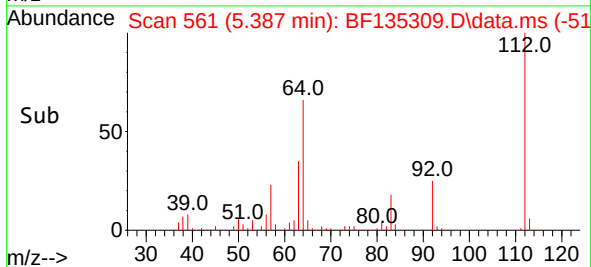
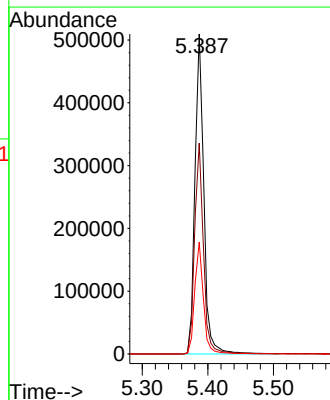
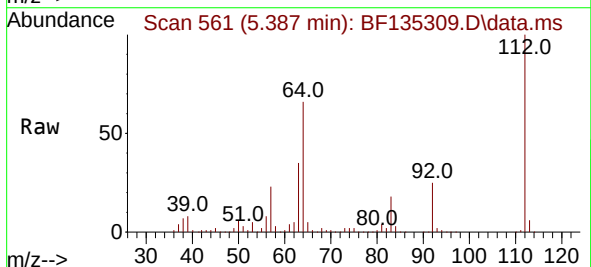
Instrument :
 BNA_F
 ClientSampleId :
 GW-26-WEST-MAIN-STREET

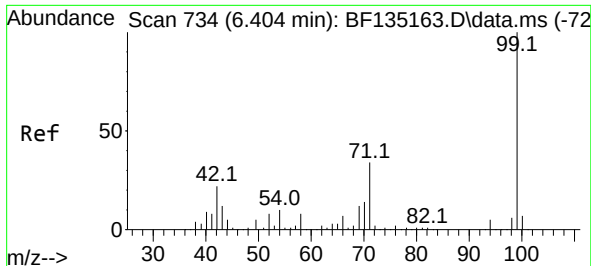
Tgt Ion:152 Resp: 115455
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.8 191.6
 115 60.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 67.678 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF135309.D
 Acq: 18 Sep 2023 16:33

Tgt Ion:112 Resp: 480417
 Ion Ratio Lower Upper
 112 100
 64 65.9 55.9 83.9
 63 34.9 29.0 43.6

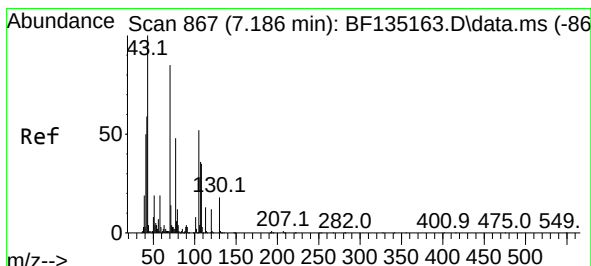
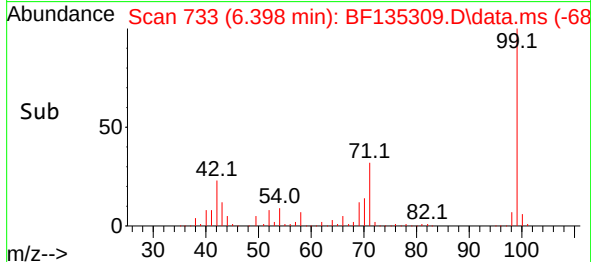
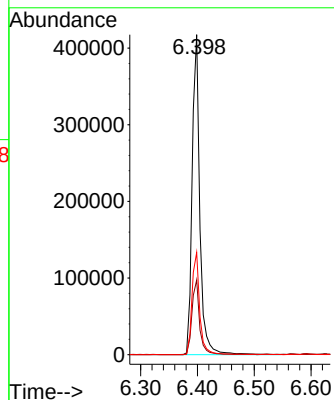
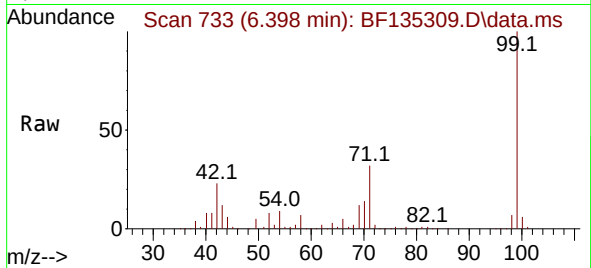




#7
Phenol-d6
Concen: 43.243 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

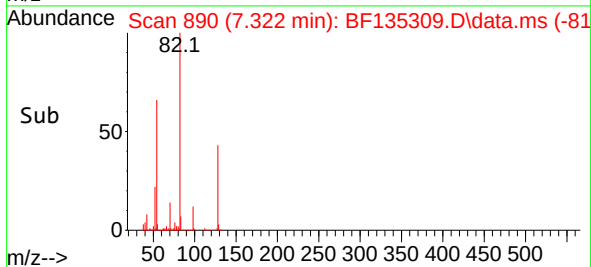
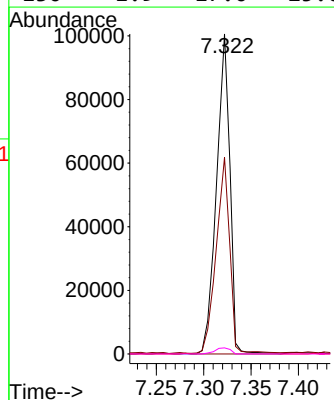
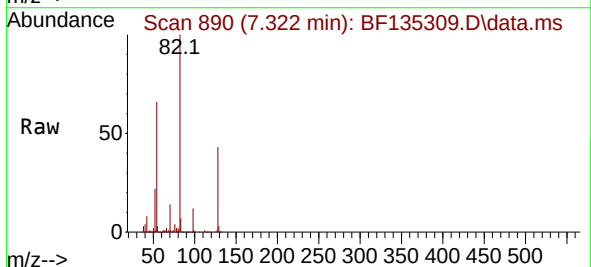
Instrument :
BNA_F
ClientSampleId :
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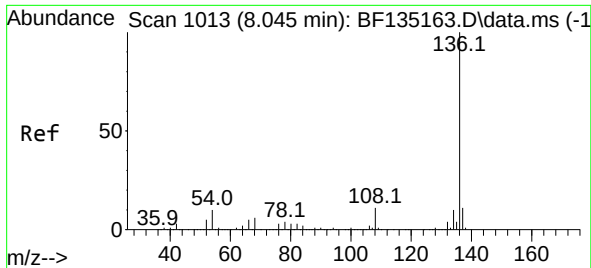
Tgt Ion: 99 Resp: 390323
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.652 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion: 70 Resp: 98689
Ion Ratio Lower Upper
70 100
42 61.4 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

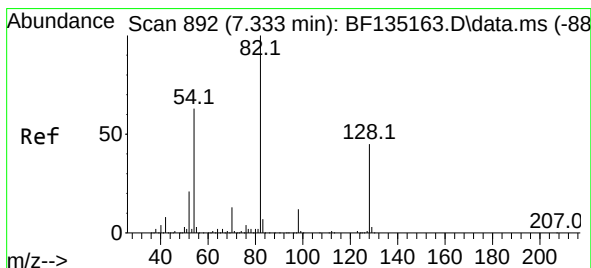
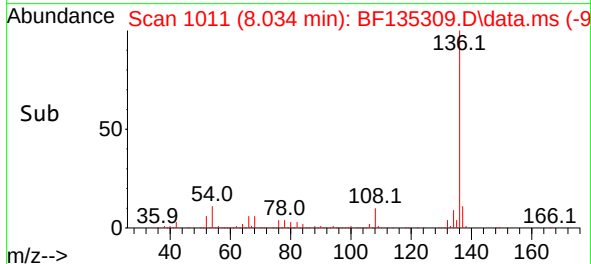
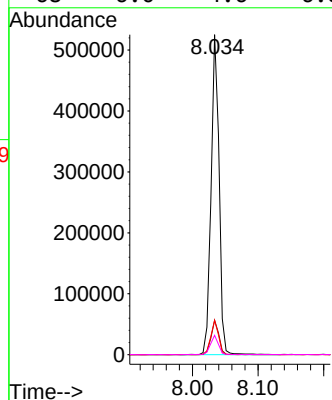
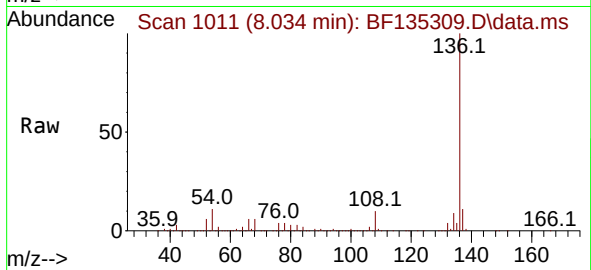




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

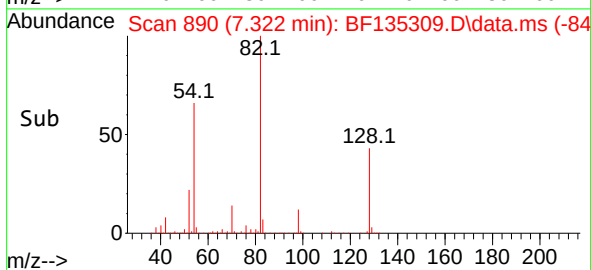
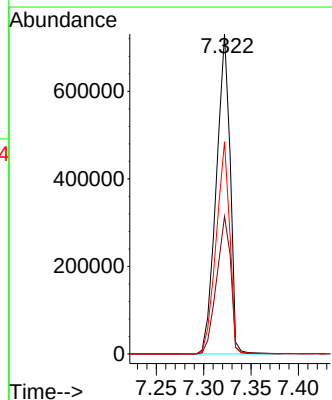
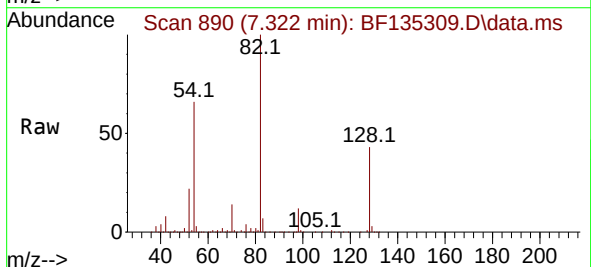
Instrument :
BNA_F
ClientSampleId :
GW-26-WEST-MAIN-STREET

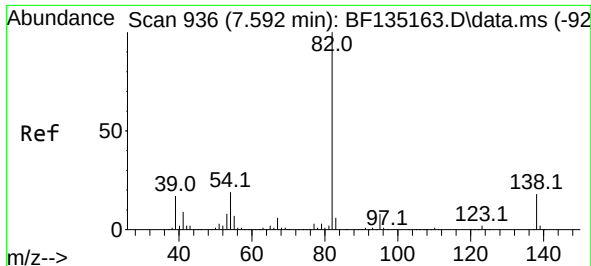
Tgt Ion:136 Resp: 446021
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.8 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.298 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion: 82 Resp: 741304
Ion Ratio Lower Upper
82 100
128 43.0 35.8 53.6
54 66.3 50.6 76.0

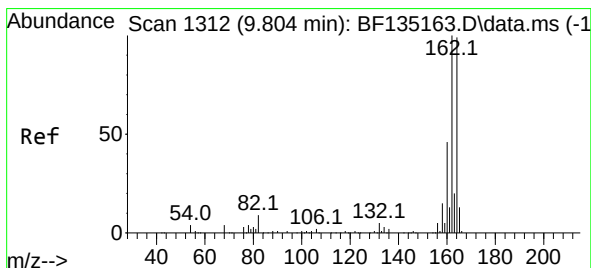
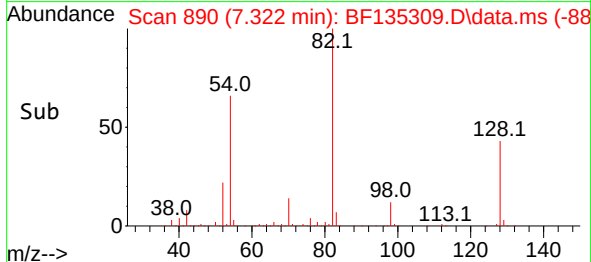
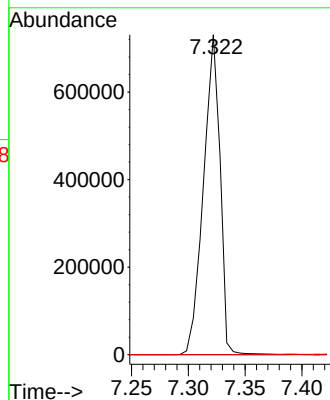
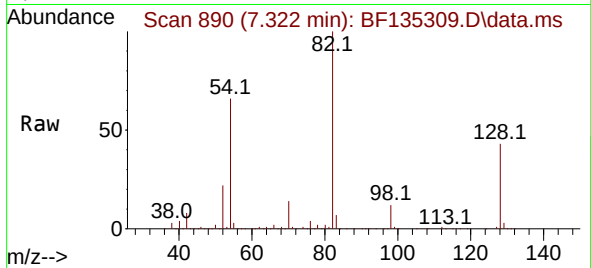




#25
Isophorone
Concen: 49.096 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

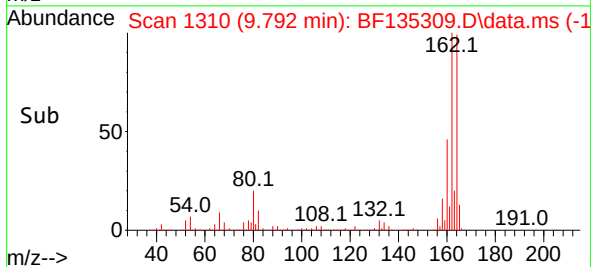
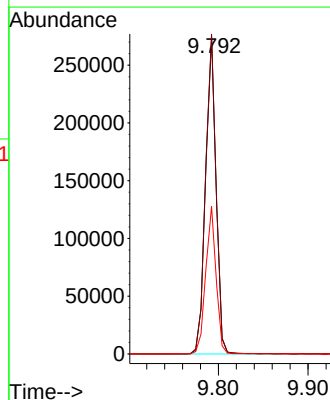
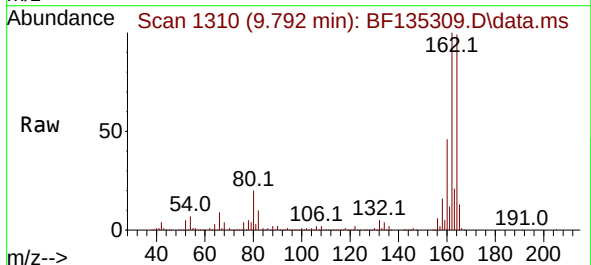
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GW-26-WEST-MAIN-STREET

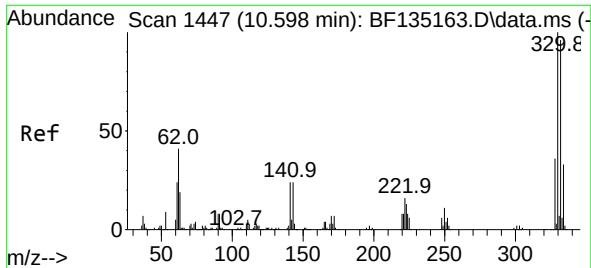
Tgt Ion: 82 Resp: 740117
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion:164 Resp: 222675
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 46.5 37.0 55.4

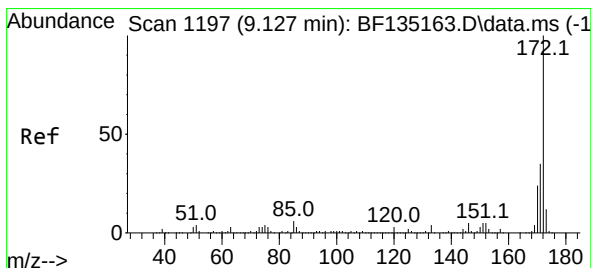
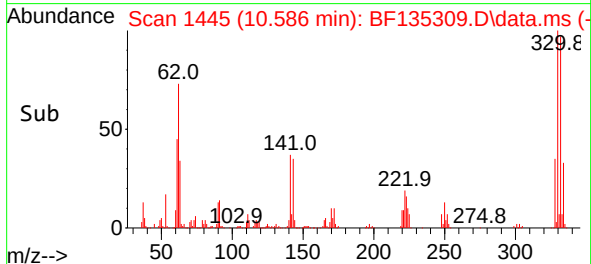
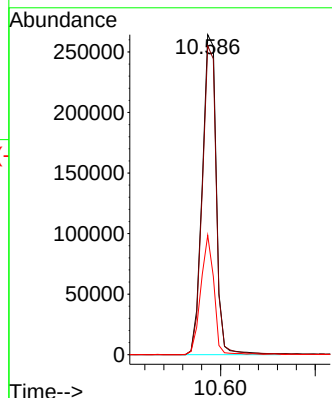
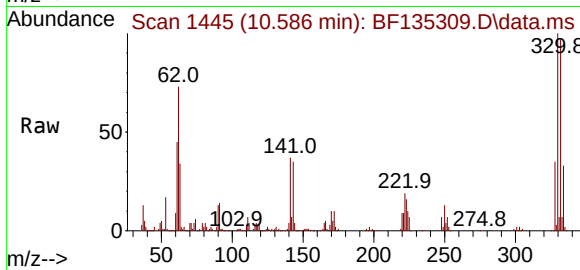




#42
2,4,6-Tribromophenol
Concen: 123.287 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

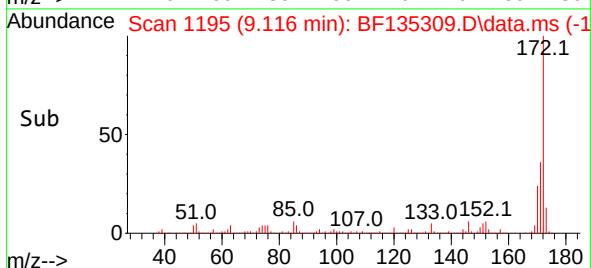
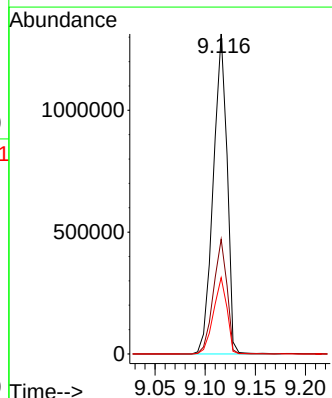
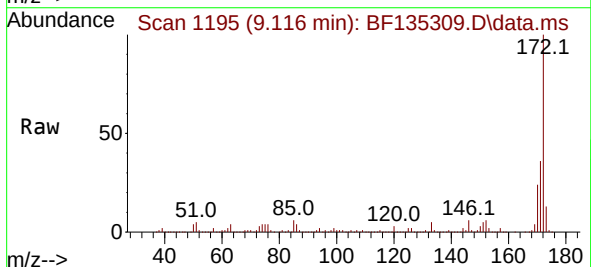
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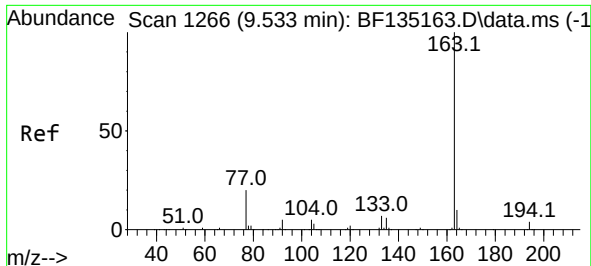
Tgt Ion:330 Resp: 272816
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 84.931 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion:172 Resp: 1253513
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 19.0 28.4

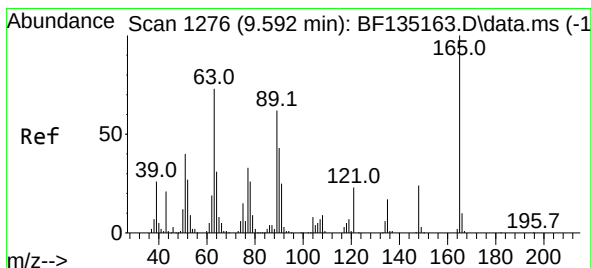
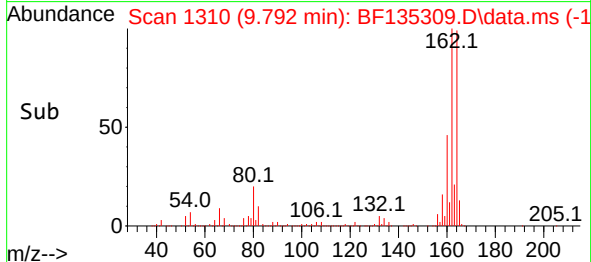
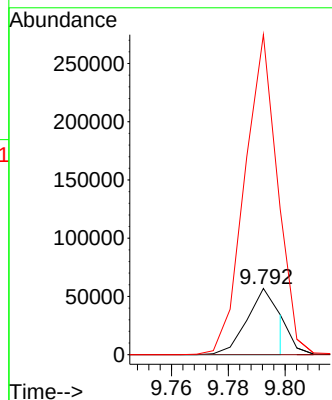
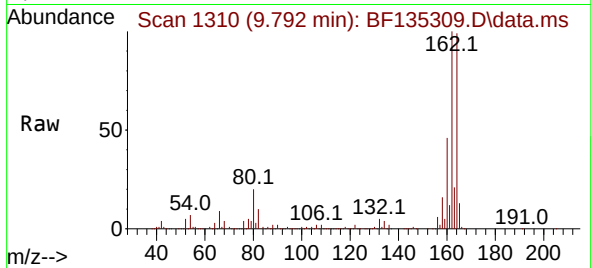




#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

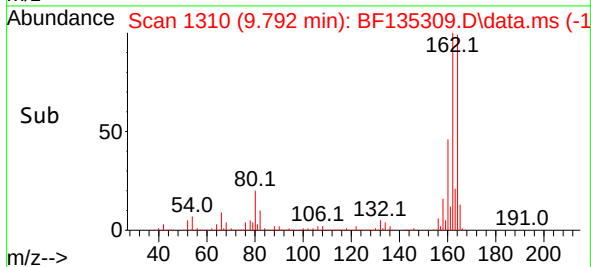
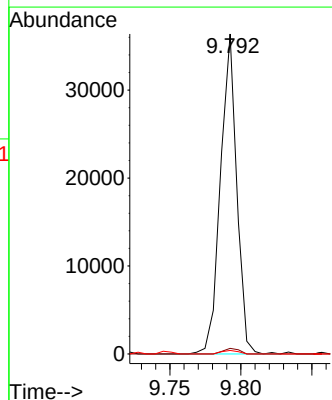
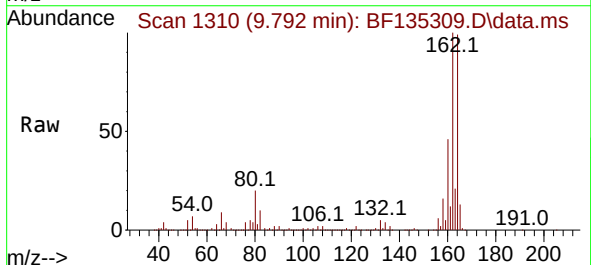
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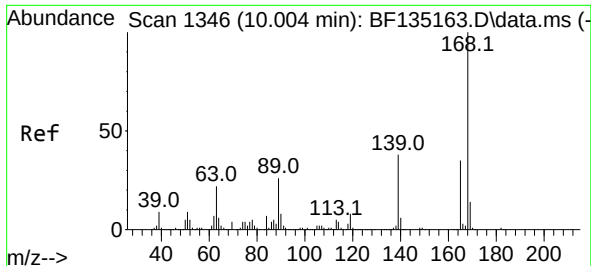
Tgt Ion:163 Resp: 45135
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 483.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.775 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion:165 Resp: 28942
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.1 49.8 74.8#

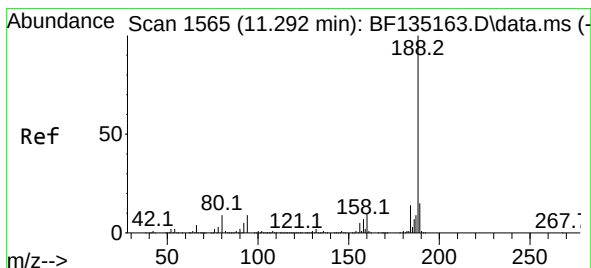
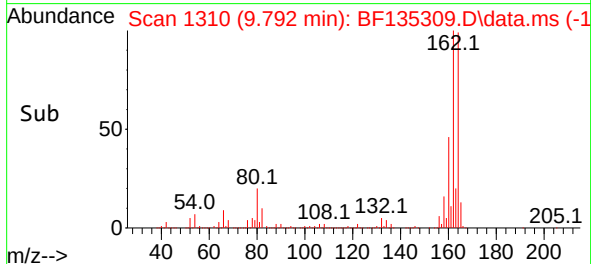
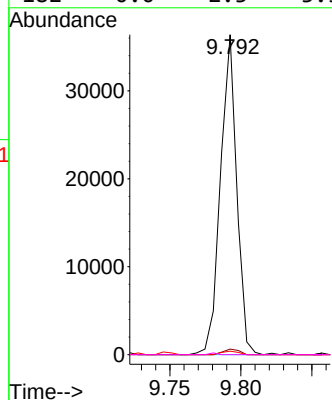
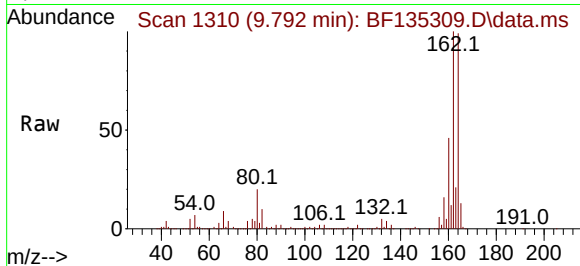




#57
2,4-Dinitrotoluene
Concen: 7.010 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

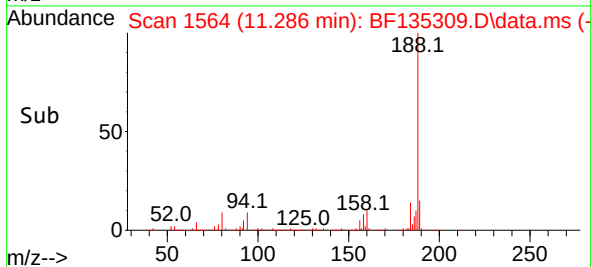
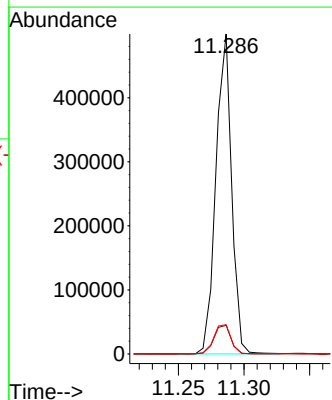
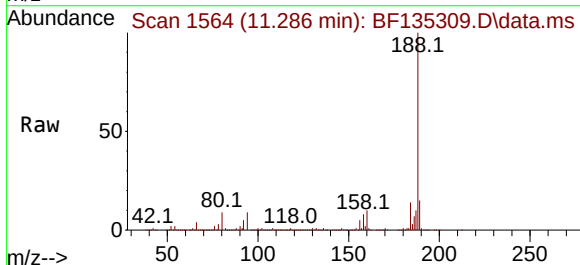
Instrument :
BNA_F
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GW-26-WEST-MAIN-STREET

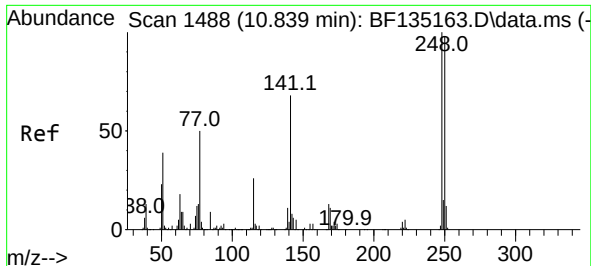
Tgt Ion:165 Resp: 28942
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion:188 Resp: 415768
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.2 7.5 11.3

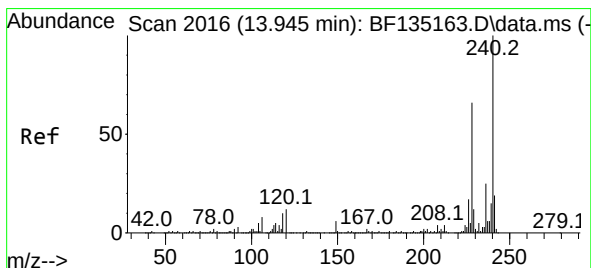
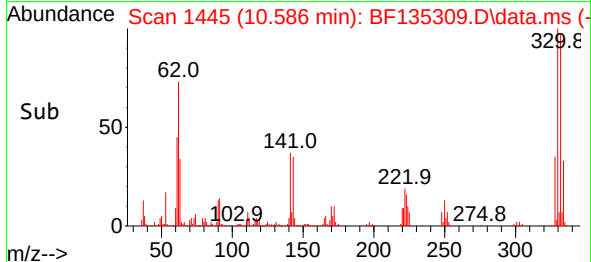
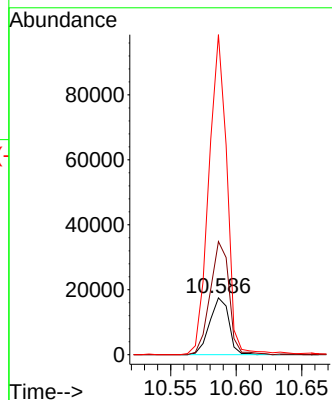
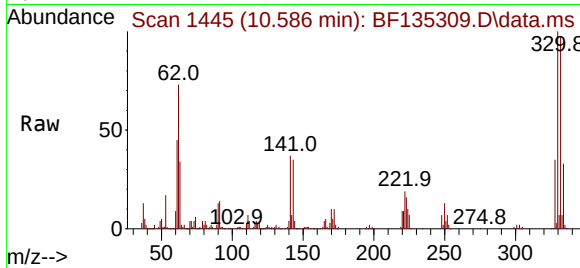




#67
4-Bromophenyl-phenylether
Concen: 4.330 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

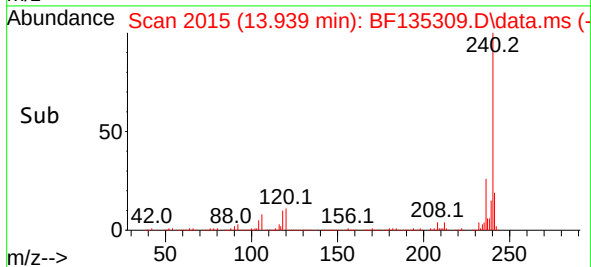
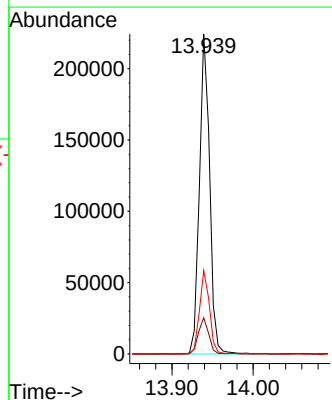
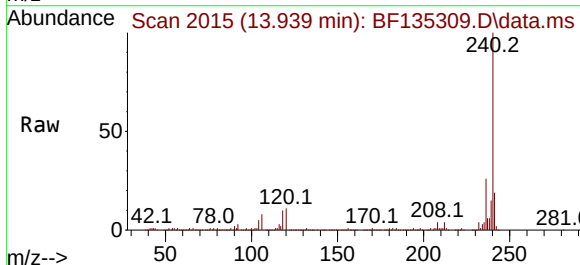
Instrument :
BNA_F
ClientSampleId :
GW-26-WEST-MAIN-STREET

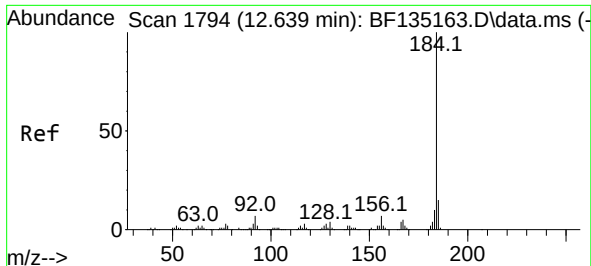
Tgt Ion:248 Resp: 17904
Ion Ratio Lower Upper
248 100
250 199.2 78.6 117.8#
141 563.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion:240 Resp: 196679
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 26.0 19.8 29.8

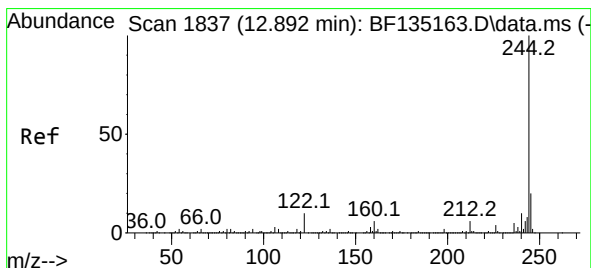
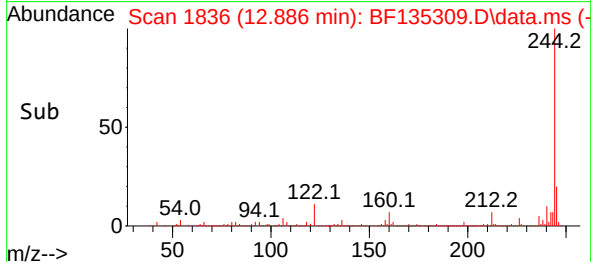
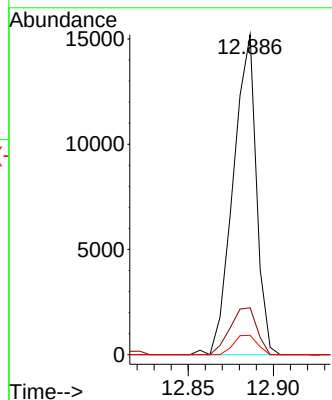
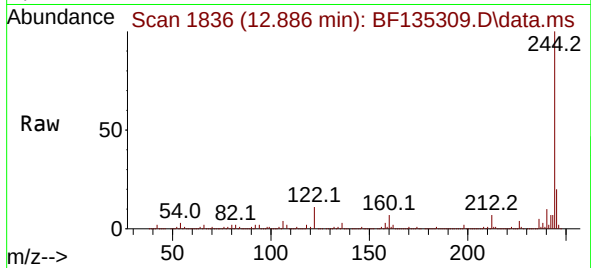




#77
Benzidine
Concen: 3.549 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

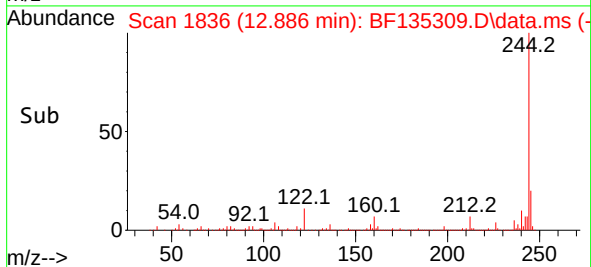
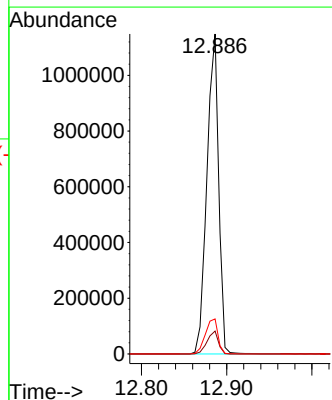
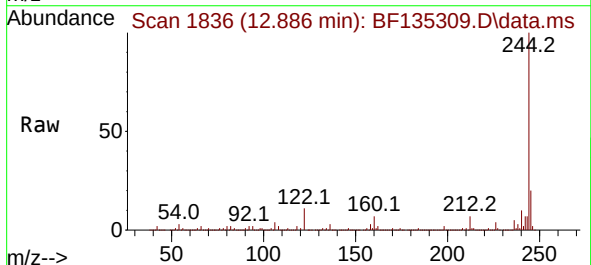
Instrument :
BNA_F
ClientSampleId :
GW-26-WEST-MAIN-STREET

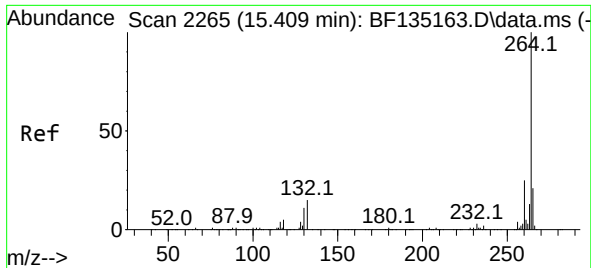
Tgt Ion:184 Resp: 14300
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 6.1 8.2 12.4#



#79
Terphenyl-d14
Concen: 86.571 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

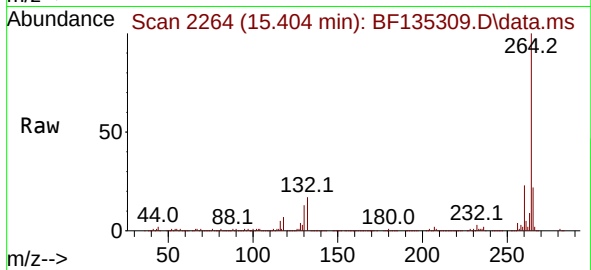
Tgt Ion:244 Resp: 1098365
Ion Ratio Lower Upper
244 100
212 7.2 5.1 7.7
122 11.0 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135309.D
 Acq: 18 Sep 2023 16:33

Instrument :
 BNA_F
 ClientSampleId :
 GW-26-WEST-MAIN-STREET



Tgt Ion:264 Resp: 241572
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.7 17.0 25.4

