

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135651.D
 Acq On : 09 Oct 2023 14:32
 Operator : CG\JU
 Sample : 04731-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2

Quant Time: Oct 09 15:06:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

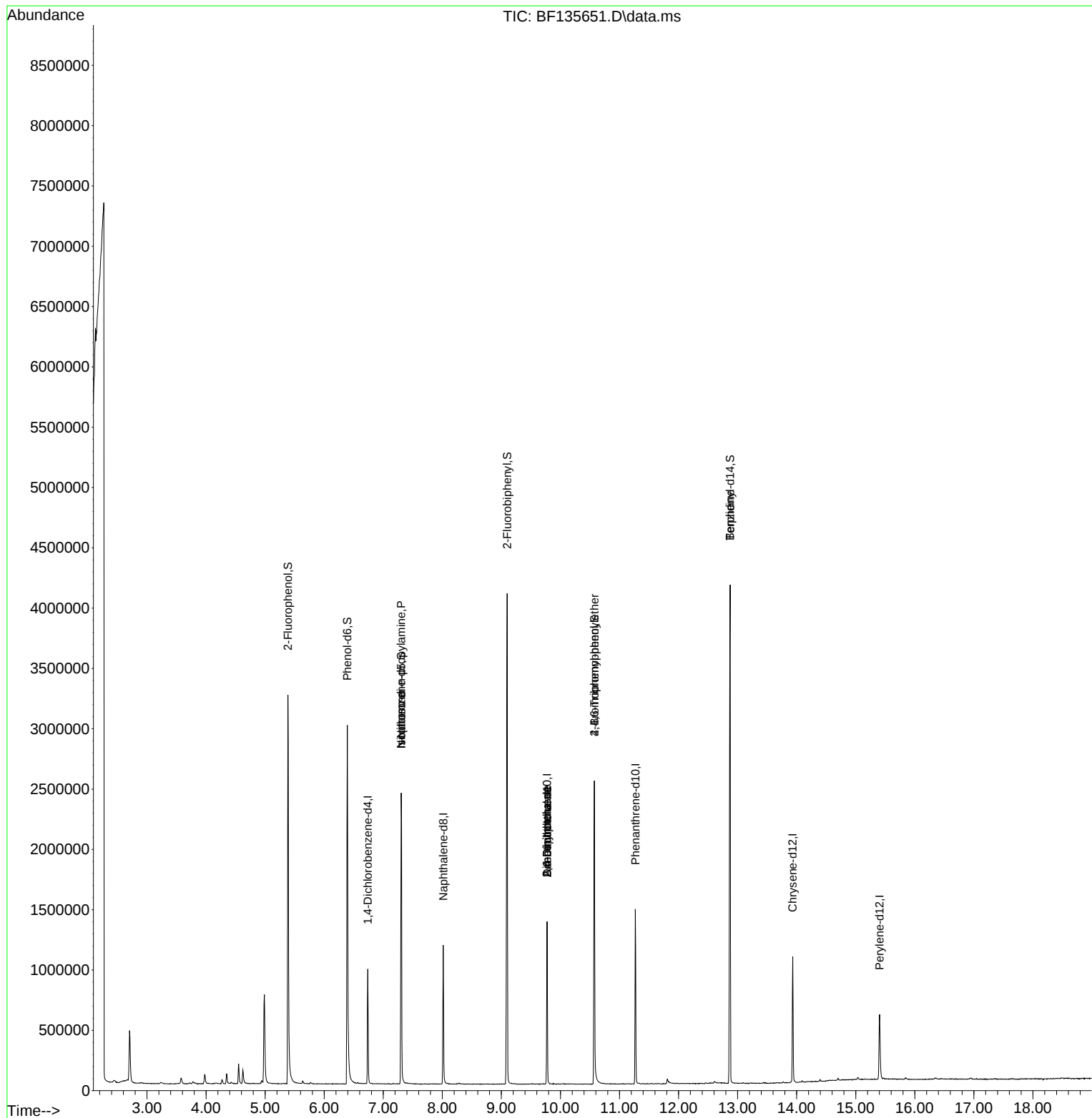
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	136483	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	513451	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	264748	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	520961	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	360093	20.000	ng	0.00
86) Perylene-d12	15.404	264	289567	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	977602	116.499	ng	0.02
7) Phenol-d6	6.392	99	1119652	104.932	ng	0.00
23) Nitrobenzene-d5	7.304	82	843878	89.293	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	335246	127.424	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1423217	81.105	ng	0.00
79) Terphenyl-d14	12.874	244	1635659	70.415	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	113346	17.150	ng	# 80
25) Isophorone	7.304	82	843868	48.627	ng	# 65
50) Dimethylphthalate	9.774	163	50070	2.797	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	33321	8.498	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	33321	6.788	ng	# 18
67) 4-Bromophenyl-phenylether	10.574	248	20370	3.931	ng	# 1
77) Benzidine	12.874	184	20304	2.752	ng	# 90

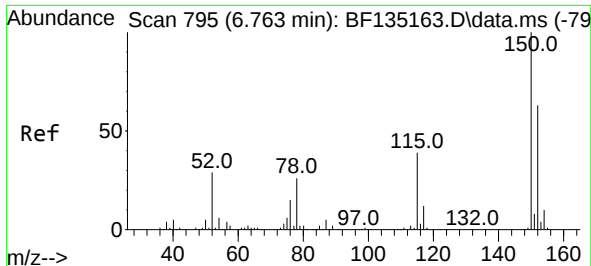
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Oct 09 15:06:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

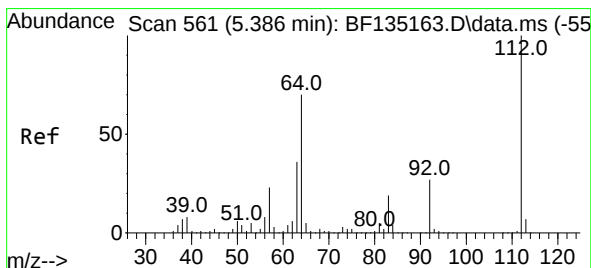
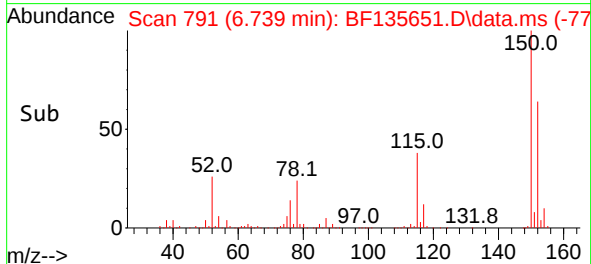
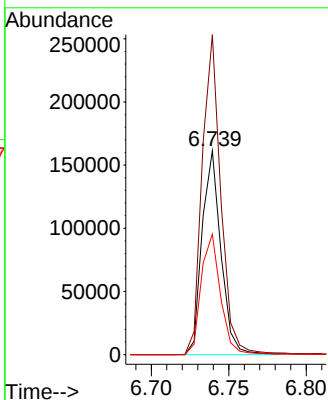
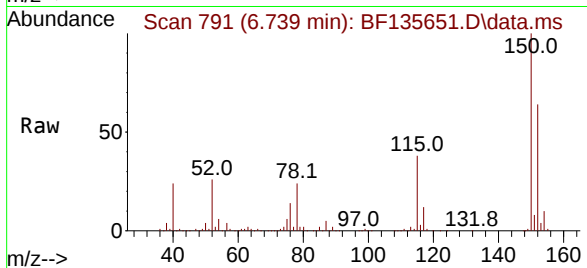




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

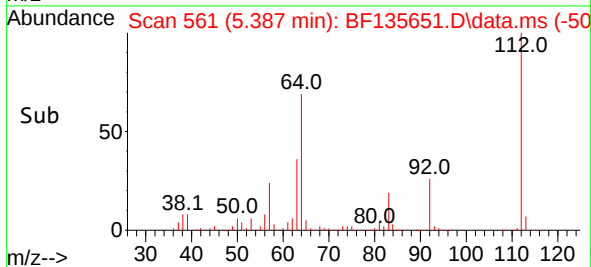
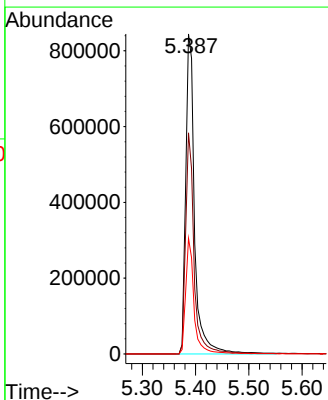
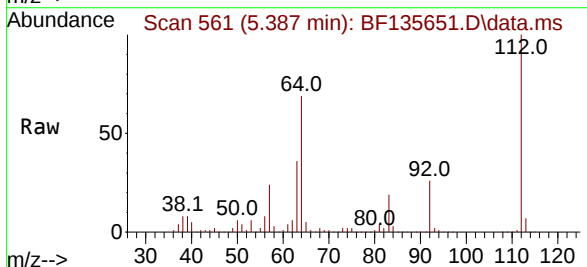
Instrument :
BNA_F
ClientSampleId :
DTP-2

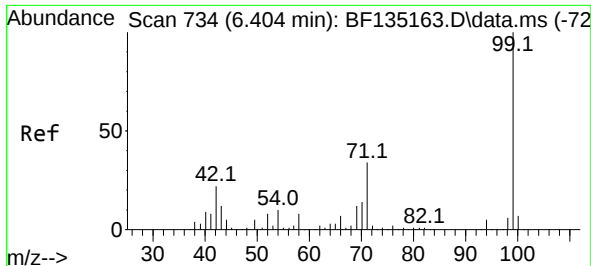
Tgt Ion:152 Resp: 136483
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 116.499 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion:112 Resp: 977602
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 36.1 29.0 43.6

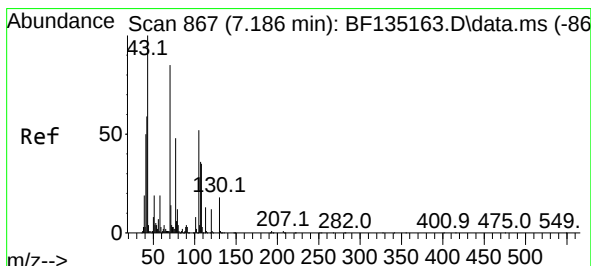
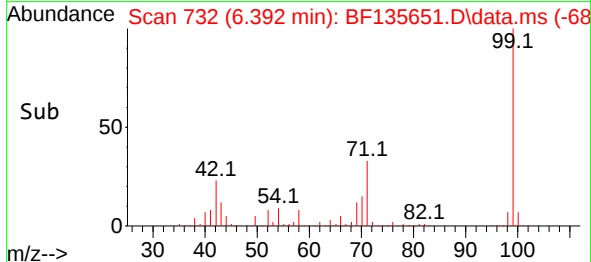
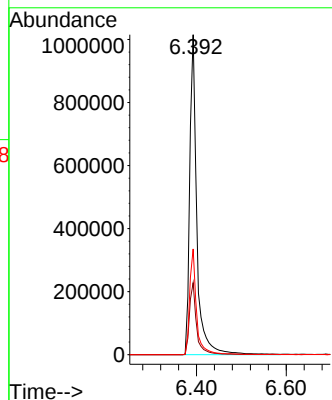
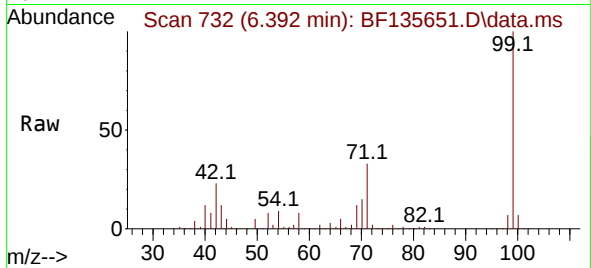




#7
Phenol-d6
Concen: 104.932 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

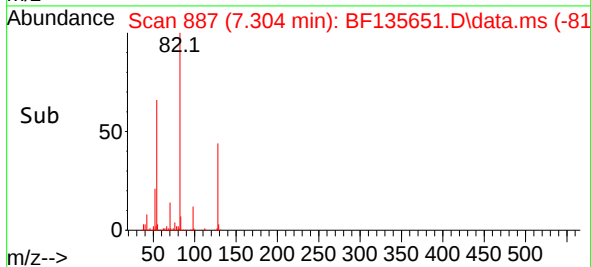
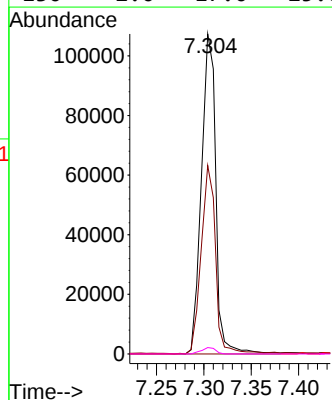
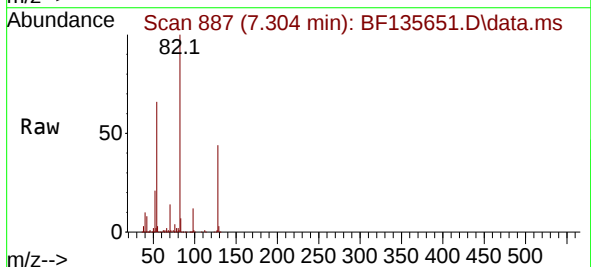
Instrument :
BNA_F
ClientSampleId :
DTP-2

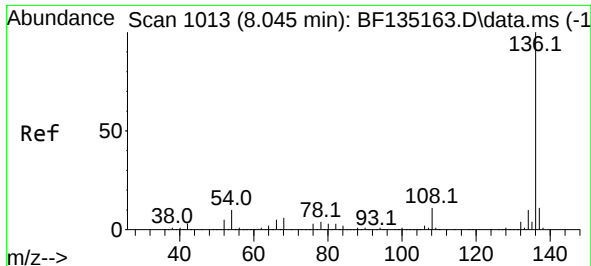
Tgt Ion: 99 Resp: 1119652
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 33.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.150 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion: 70 Resp: 113346
Ion Ratio Lower Upper
70 100
42 58.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

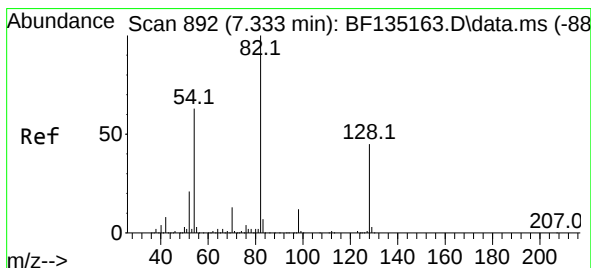
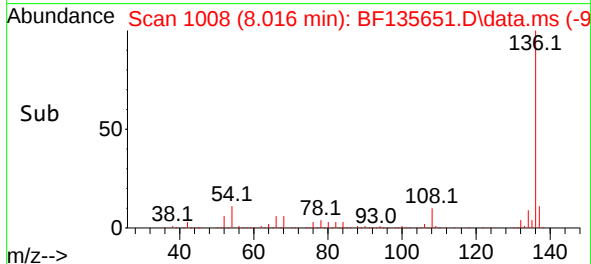
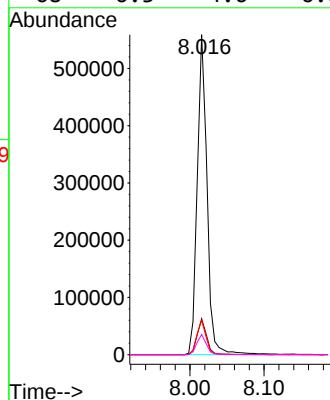
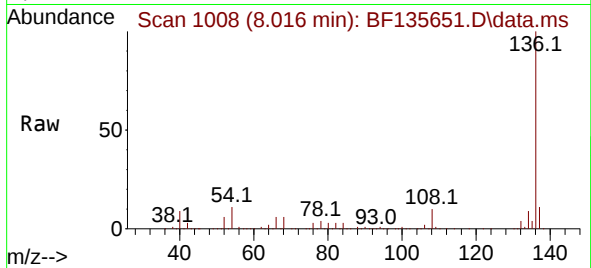




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

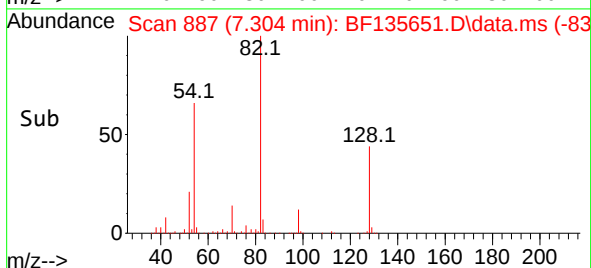
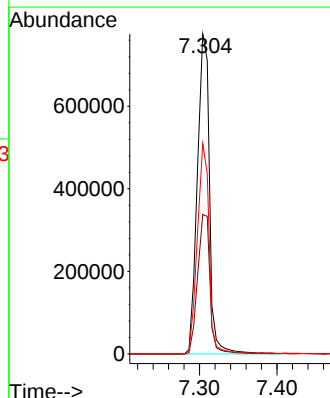
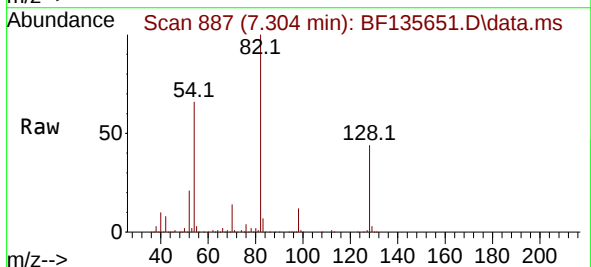
Instrument :
BNA_F
ClientSampleId :
DTP-2

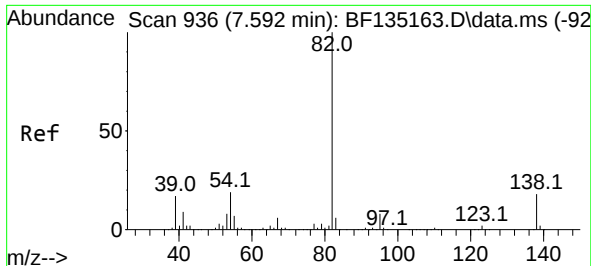
Tgt Ion:136 Resp: 513451
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.7 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 89.293 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion: 82 Resp: 843878
Ion Ratio Lower Upper
82 100
128 43.6 35.8 53.6
54 65.7 50.6 76.0

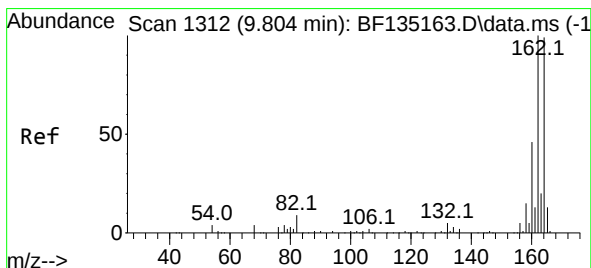
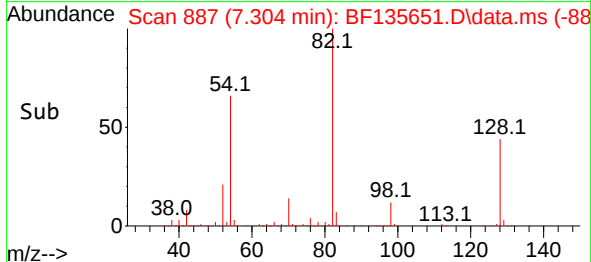
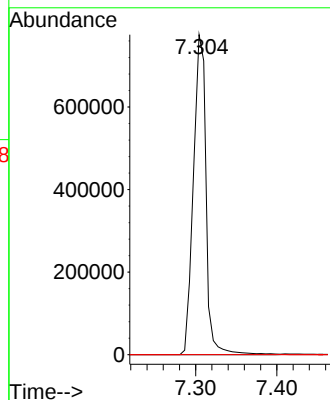
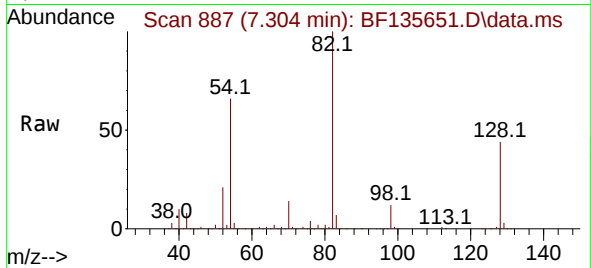




#25
Isophorone
Concen: 48.627 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

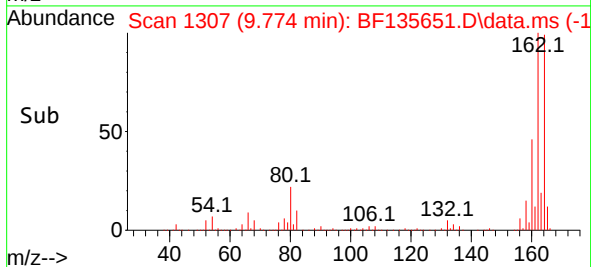
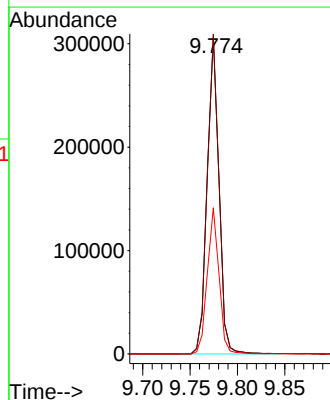
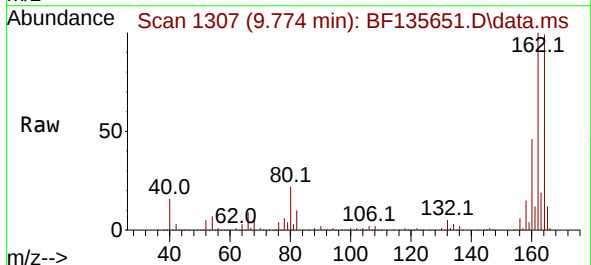
Instrument :
BNA_F
ClientSampleId :
DTP-2

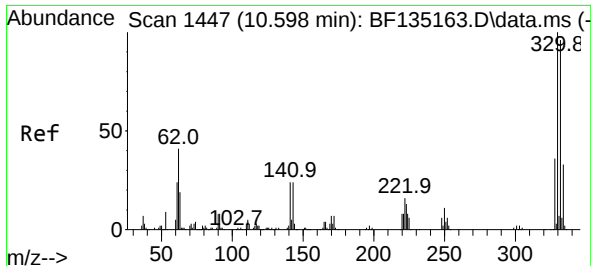
Tgt Ion: 82 Resp: 843868
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

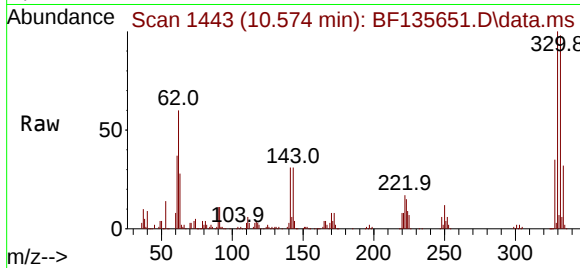
Tgt Ion: 164 Resp: 264748
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 46.2 37.0 55.4



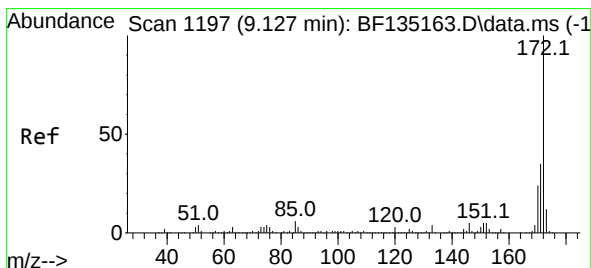
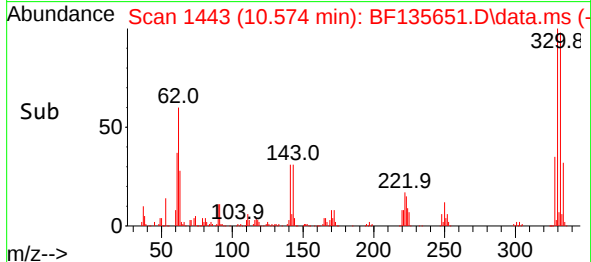
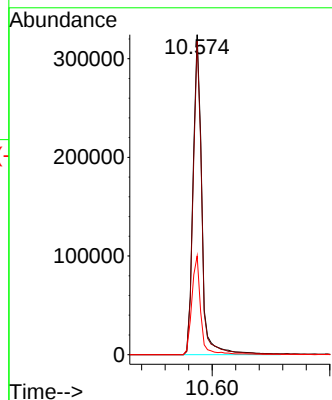


#42
 2,4,6-Tribromophenol
 Concen: 127.424 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BF135651.D
 Acq: 09 Oct 2023 14:32

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2

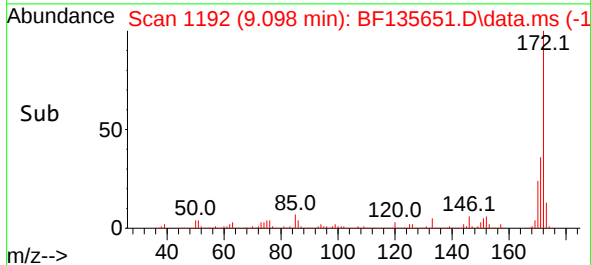
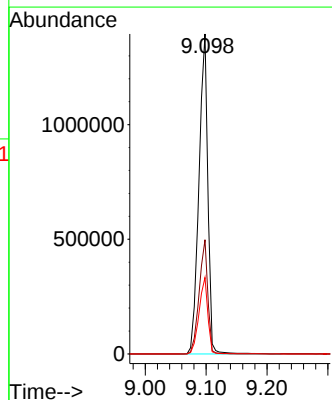
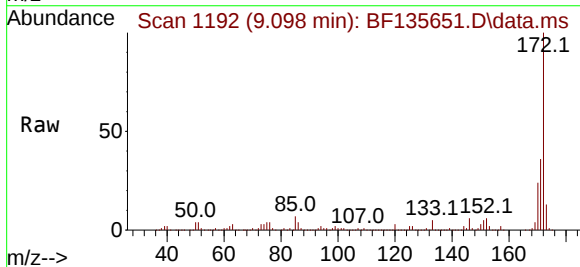


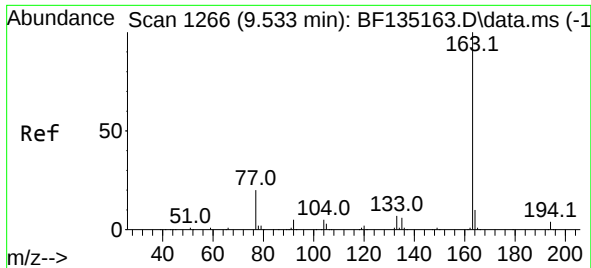
Tgt Ion:330 Resp: 335246
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 31.7 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 81.105 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF135651.D
 Acq: 09 Oct 2023 14:32

Tgt Ion:172 Resp: 1423217
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.4 42.6
 170 23.9 19.0 28.4

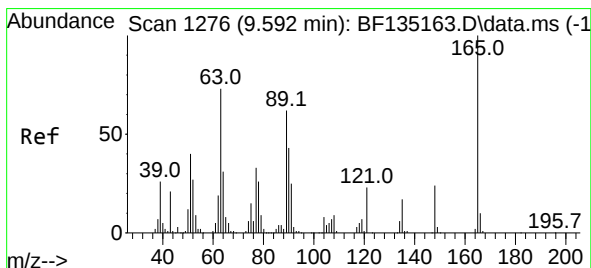
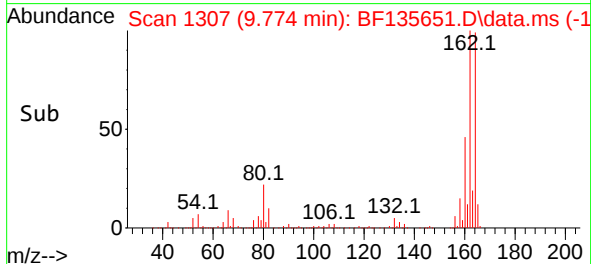
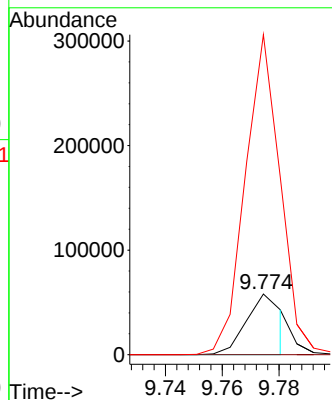
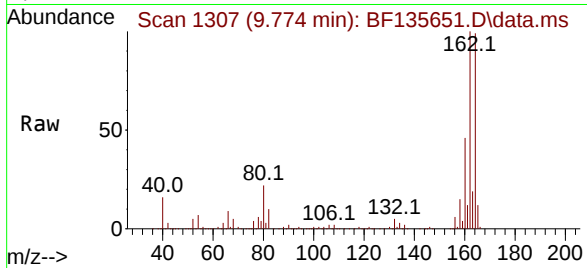




#50
Dimethylphthalate
Concen: 2.797 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

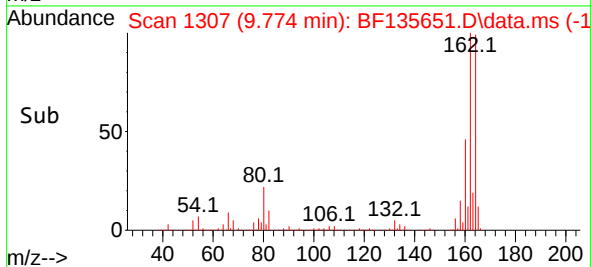
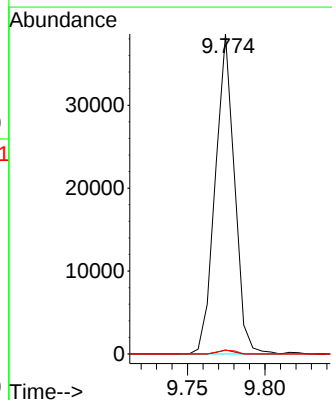
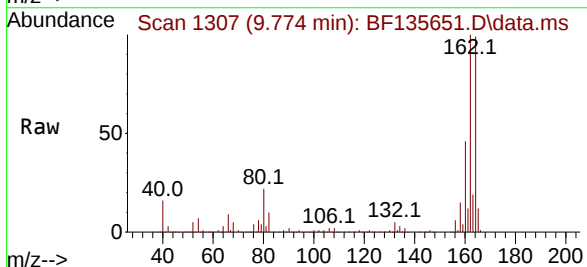
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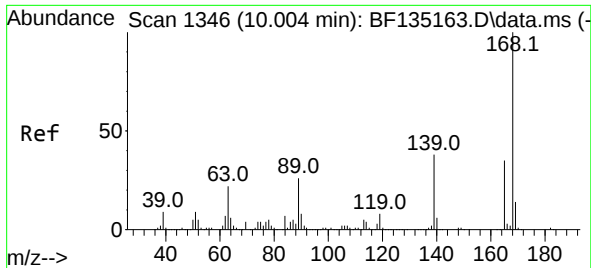
Tgt Ion:163 Resp: 50070
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 527.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.498 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion:165 Resp: 33321
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.2 49.8 74.8#

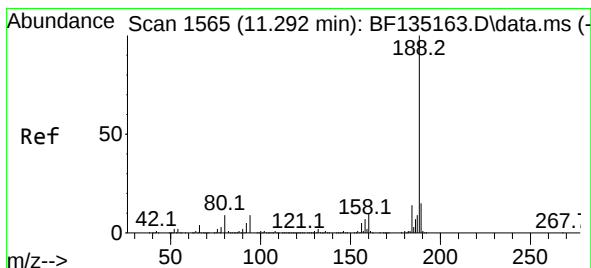
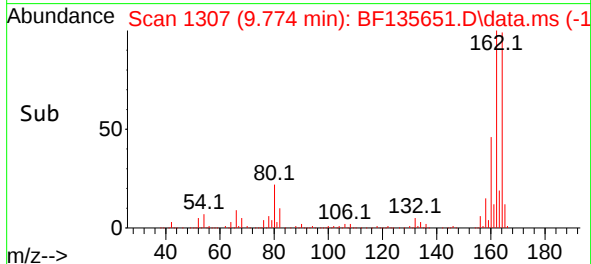
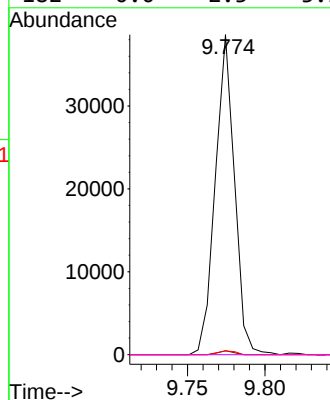
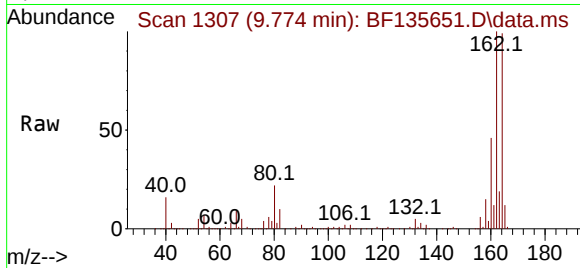




#57
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

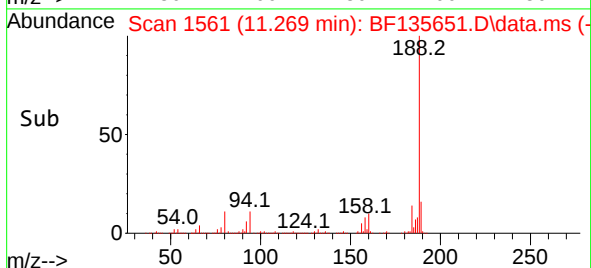
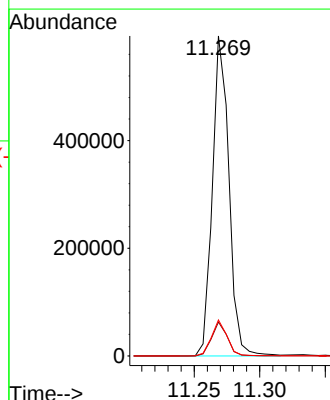
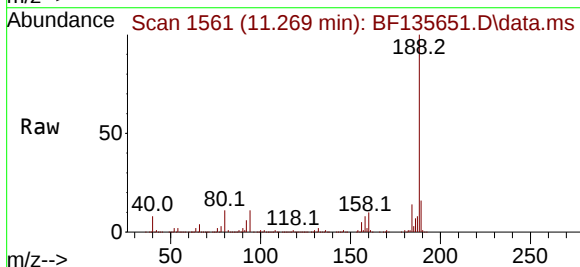
Instrument :
BNA_F
ClientSampleId :
DTP-2

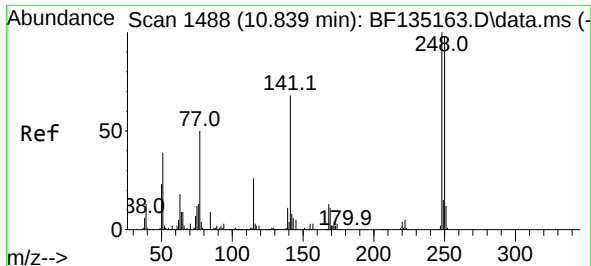
Tgt Ion:165 Resp: 33321
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion:188 Resp: 520961
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.3 7.5 11.3

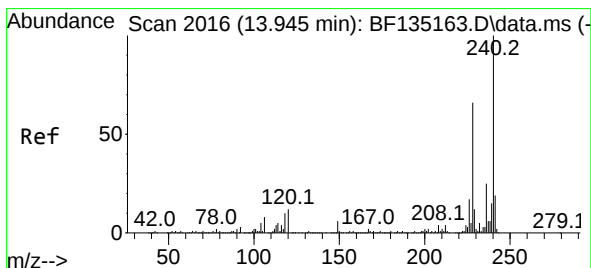
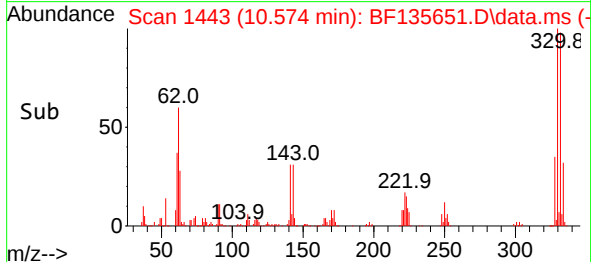
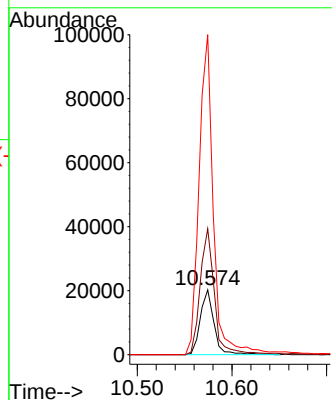
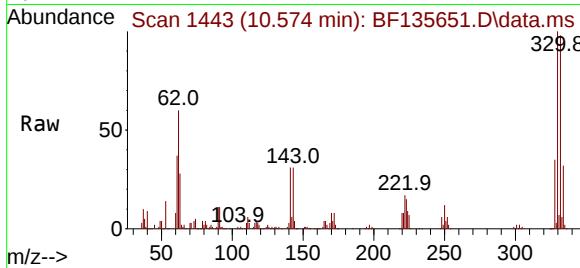




#67
4-Bromophenyl-phenylether
Concen: 3.931 ng
RT: 10.574 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

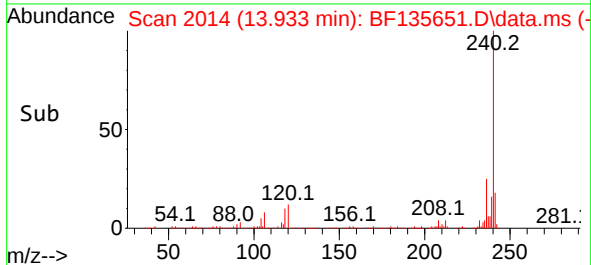
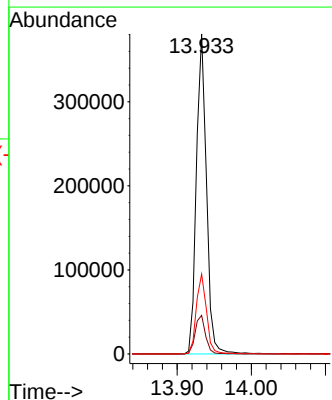
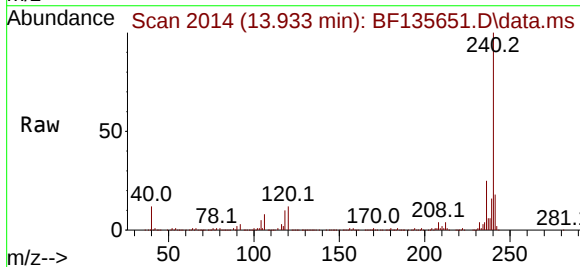
Instrument :
BNA_F
ClientSampleId :
DTP-2

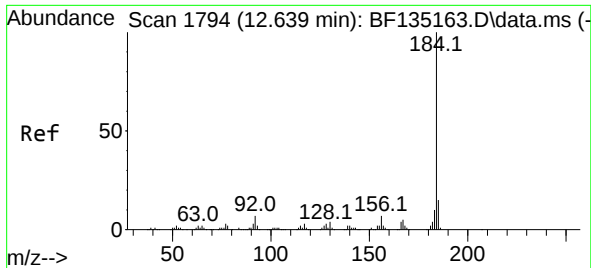
Tgt Ion:248 Resp: 20370
Ion Ratio Lower Upper
248 100
250 194.4 78.6 117.8#
141 493.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

Tgt Ion:240 Resp: 360093
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.0 19.8 29.8

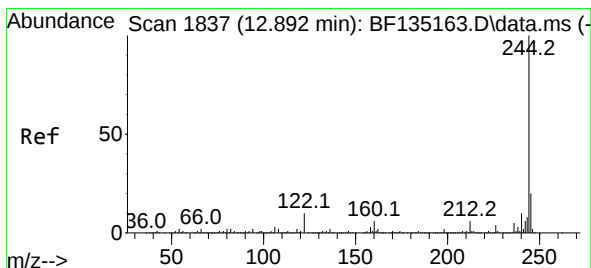
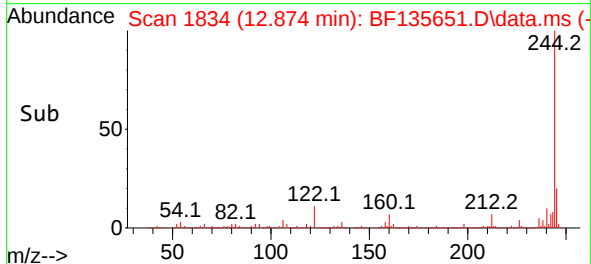
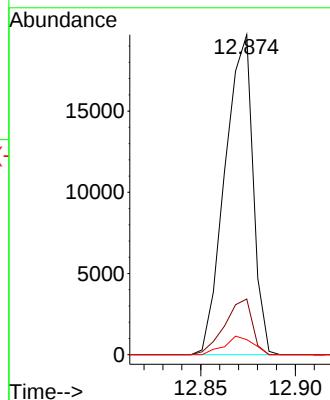
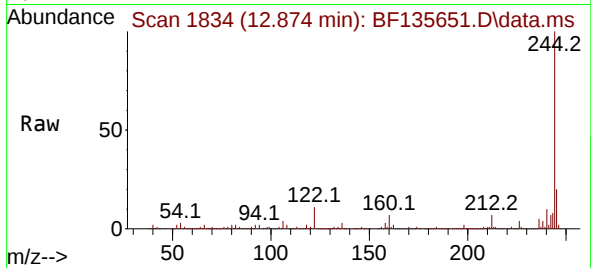




#77
Benzidine
Concen: 2.752 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.259 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

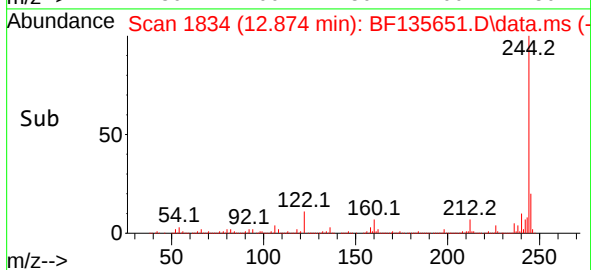
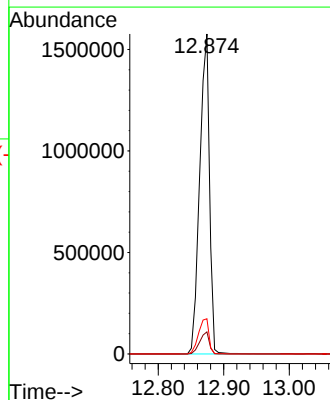
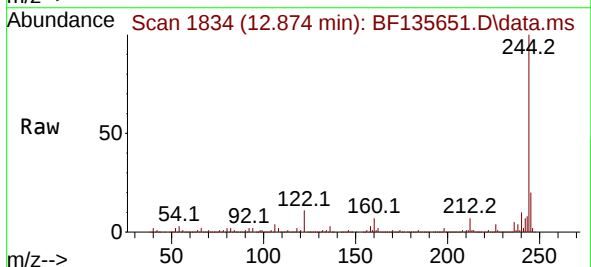
Instrument :
BNA_F
ClientSampleId :
DTP-2

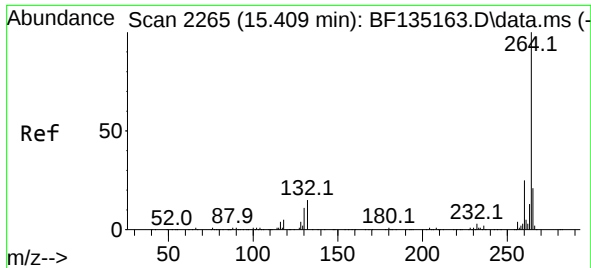
Tgt Ion:184 Resp: 20304
Ion Ratio Lower Upper
184 100
185 17.4 11.7 17.5
183 4.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 70.415 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.012 min
Lab File: BF135651.D
Acq: 09 Oct 2023 14:32

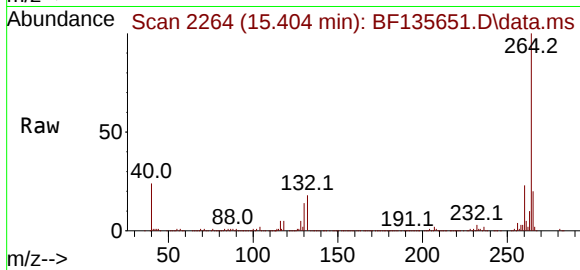
Tgt Ion:244 Resp: 1635659
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 11.0 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF135651.D
 Acq: 09 Oct 2023 14:32

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2



Tgt Ion:264 Resp: 289567
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 20.2 17.0 25.4

