

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135198.D
 Acq On : 13 Sep 2023 00:14
 Operator : CG\JU
 Sample : 04338-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Sep 13 02:48:49 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)

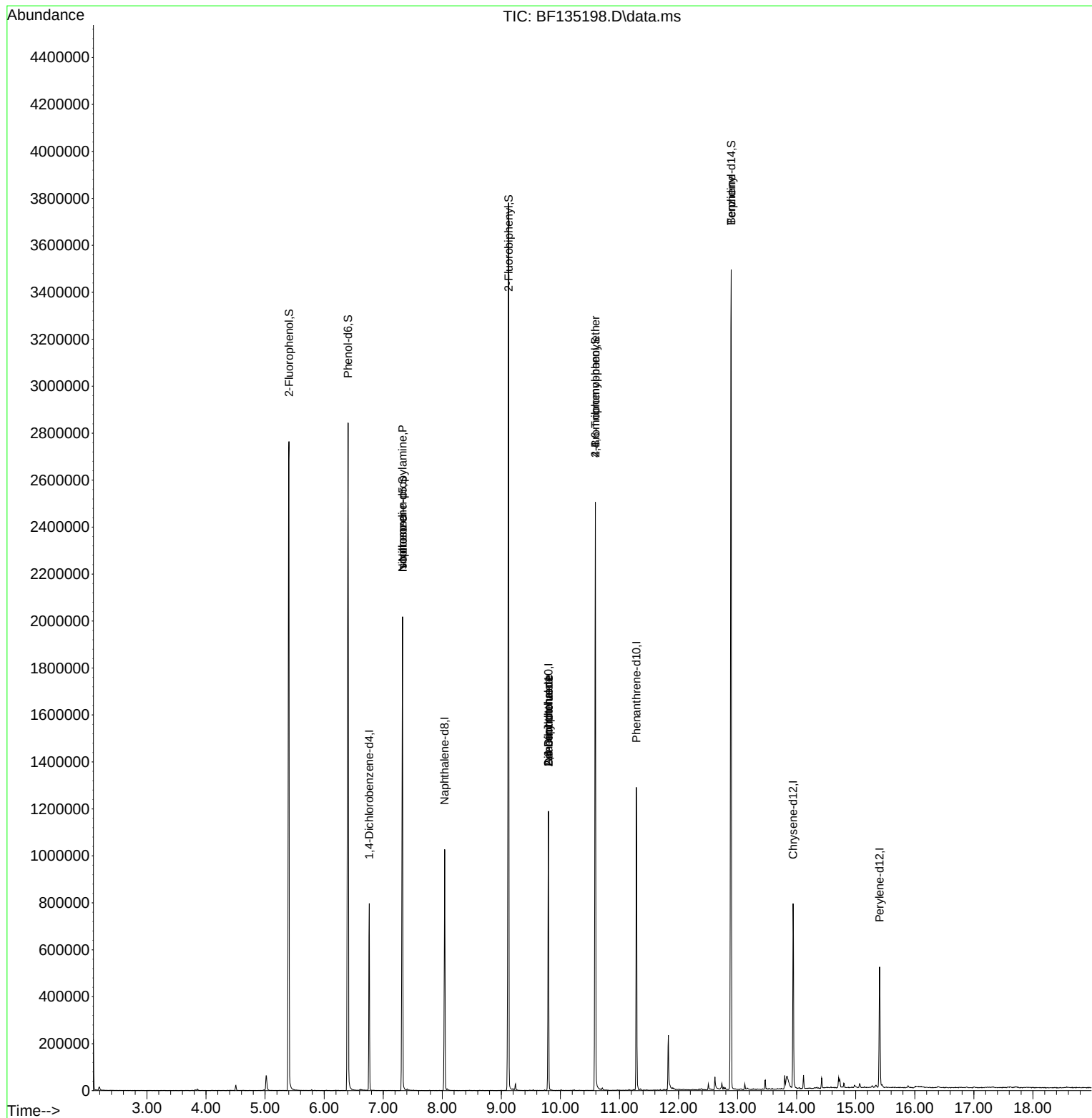
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	113394	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	452800	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	237679	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	474380	20.000	ng	0.00
76) Chrysene-d12	13.939	240	270353	20.000	ng	0.00
86) Perylene-d12	15.404	264	239383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	805203	115.493	ng	0.02
7) Phenol-d6	6.404	99	1084898	122.378	ng	0.00
23) Nitrobenzene-d5	7.328	82	656564	78.778	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	315803	133.704	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1257262	79.808	ng	0.00
79) Terphenyl-d14	12.892	244	1394536	79.962	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	87496	15.934	ng	# 77
25) Isophorone	7.328	82	651926	42.598	ng	# 65
50) Dimethylphthalate	9.798	163	48964	3.047	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	30377	8.629	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	30377	6.893	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	19853	4.208	ng	# 1
77) Benzidine	12.892	184	17521	3.163	ng	# 94

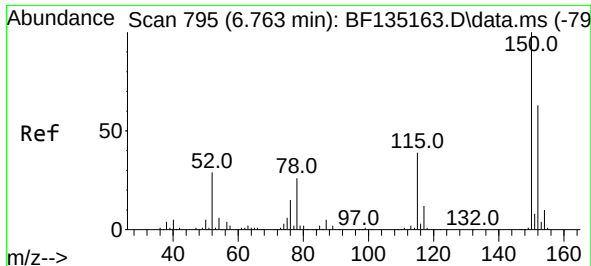
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

Quant Time: Sep 13 02:48:49 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

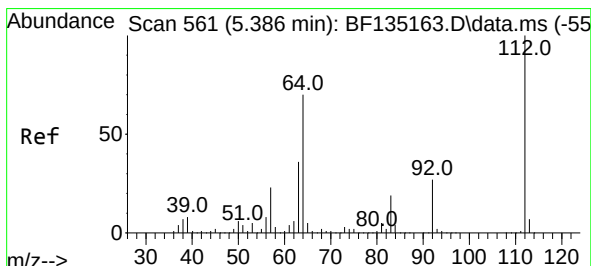
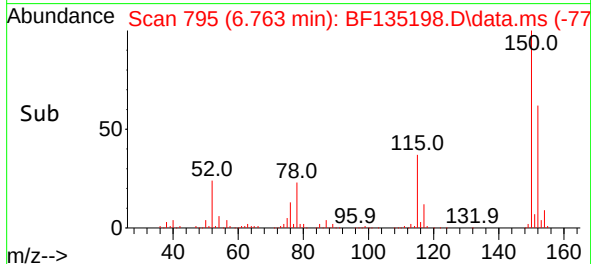
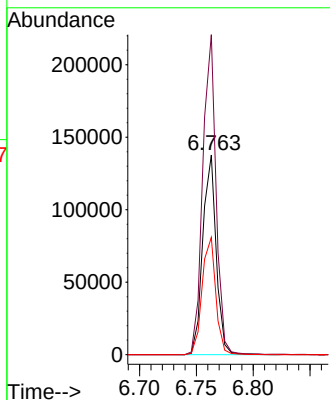
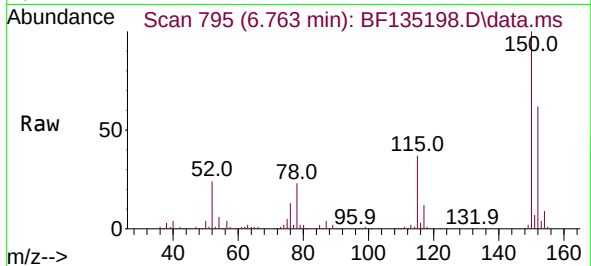




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

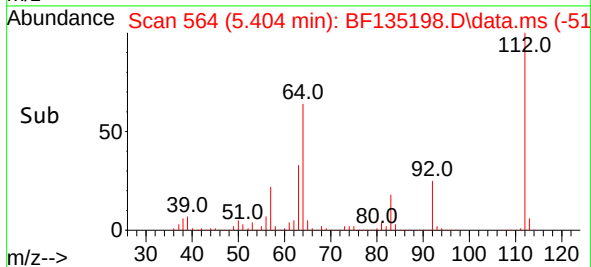
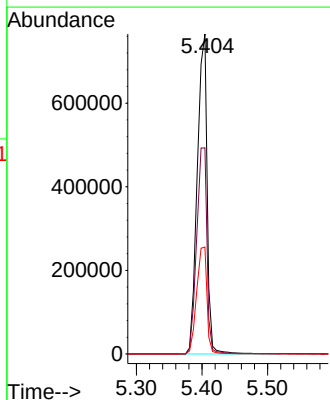
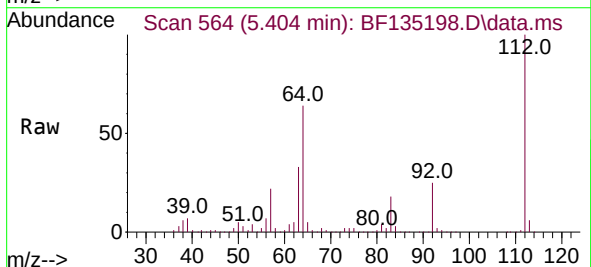
Instrument :
BNA_F
ClientSampleId :
TP2

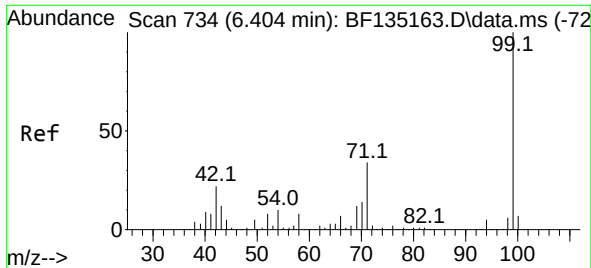
Tgt Ion:152 Resp: 113394
Ion Ratio Lower Upper
152 100
150 160.3 127.8 191.6
115 58.7 49.8 74.8



#5
2-Fluorophenol
Concen: 115.493 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion:112 Resp: 805203
Ion Ratio Lower Upper
112 100
64 64.4 55.9 83.9
63 33.4 29.0 43.6

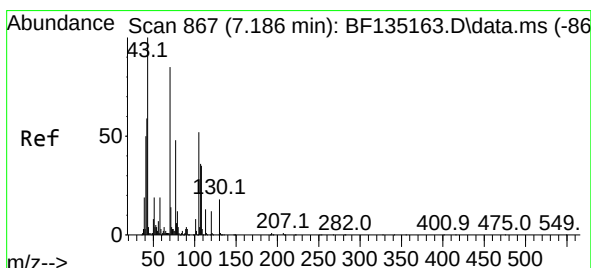
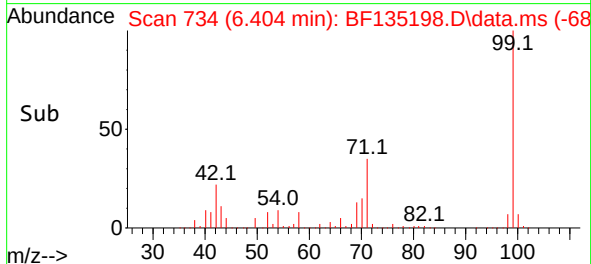
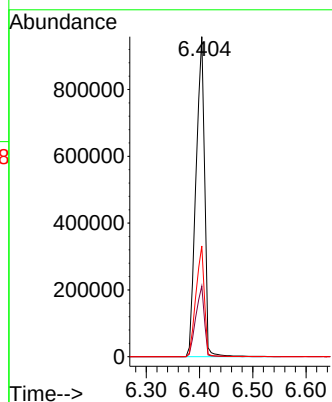
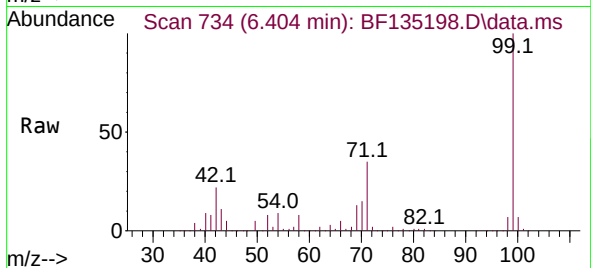




#7
Phenol-d6
Concen: 122.378 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

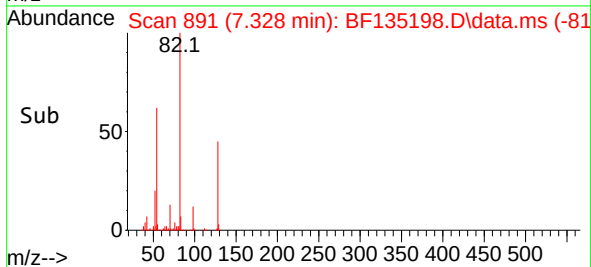
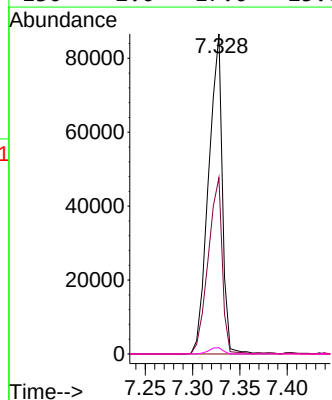
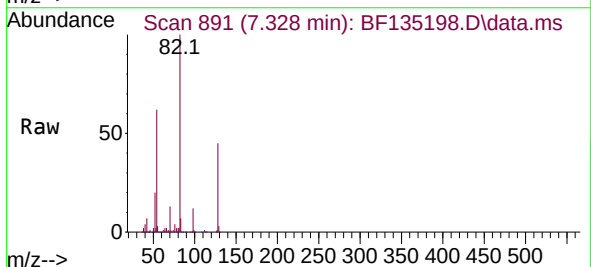
Instrument :
BNA_F
ClientSampleId :
TP2

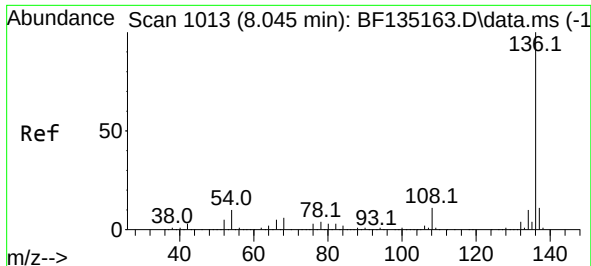
Tgt Ion: 99 Resp: 1084898
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 34.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.934 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion: 70 Resp: 87496
Ion Ratio Lower Upper
70 100
42 55.1 55.4 83.0#
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

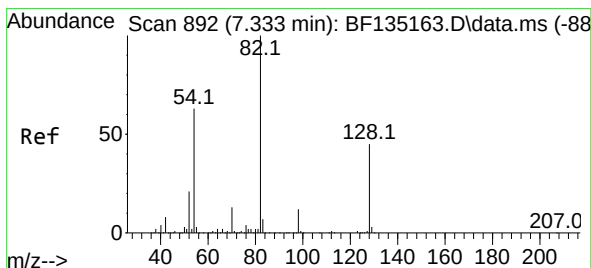
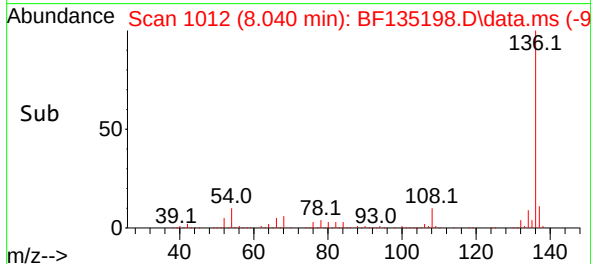
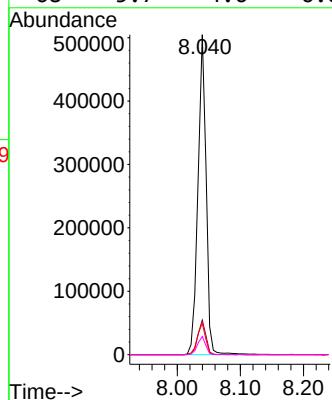
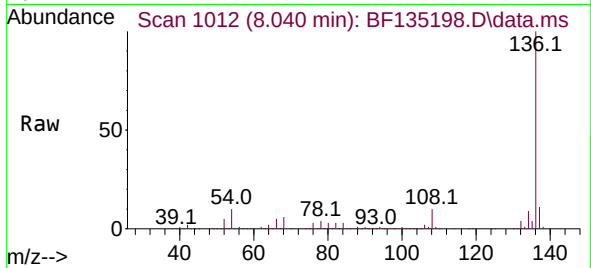




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

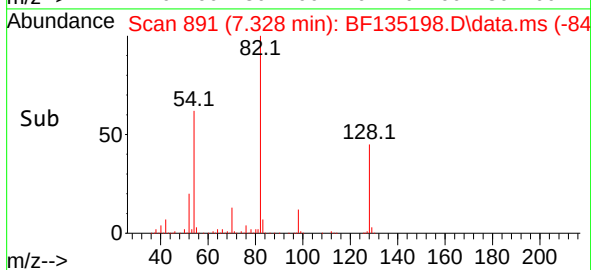
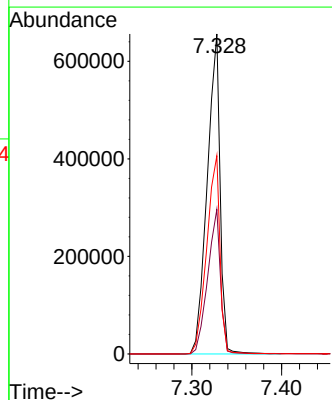
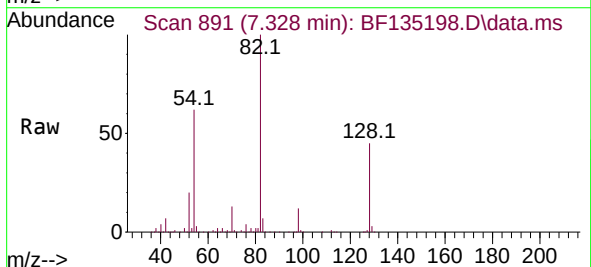
Instrument :
BNA_F
ClientSampleId :
TP2

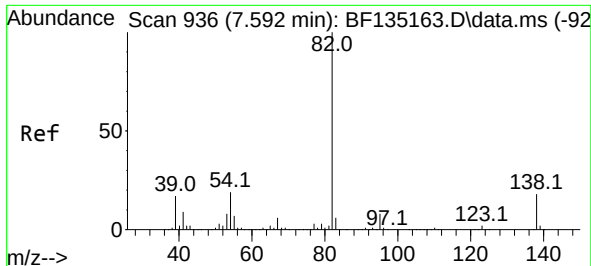
Tgt Ion:136 Resp: 452800
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.8 7.7 11.5
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 78.778 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion: 82 Resp: 656564
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 62.0 50.6 76.0

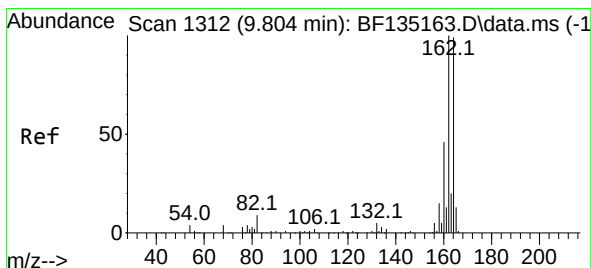
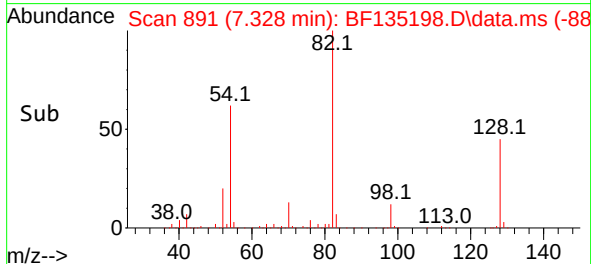
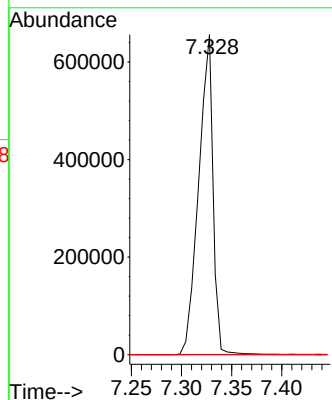
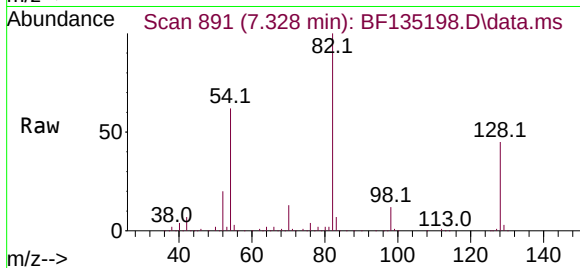




#25
Isophorone
Concen: 42.598 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

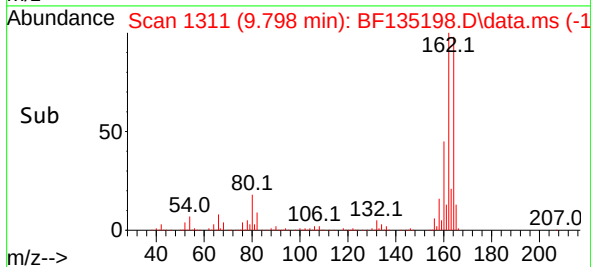
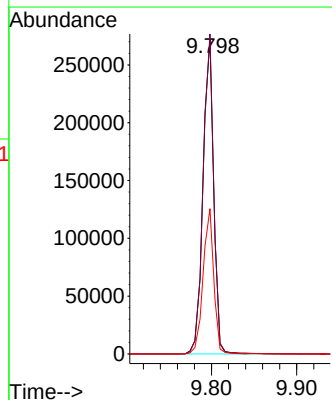
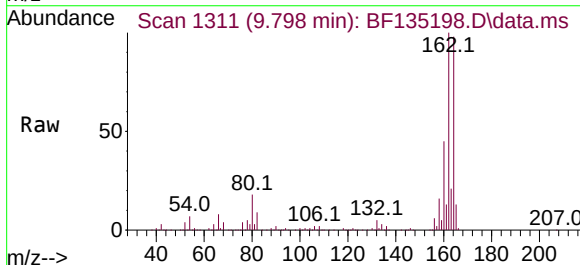
Instrument :
BNA_F
ClientSampleId :
TP2

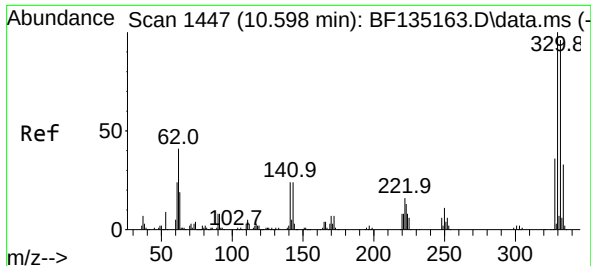
Tgt Ion: 82 Resp: 651926
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion:164 Resp: 237679
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 133.704 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

TP2

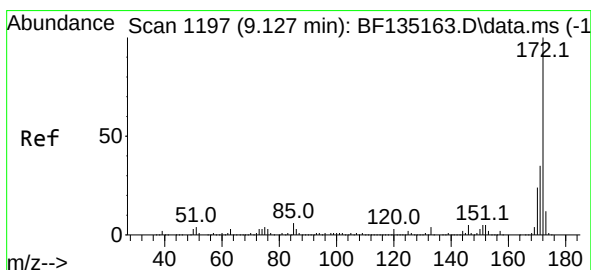
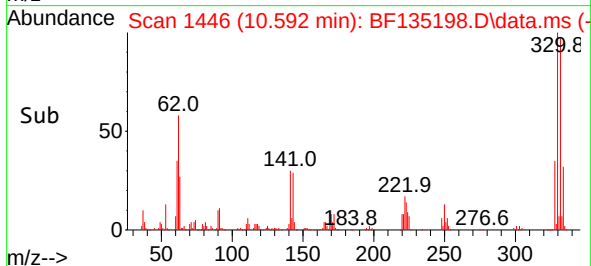
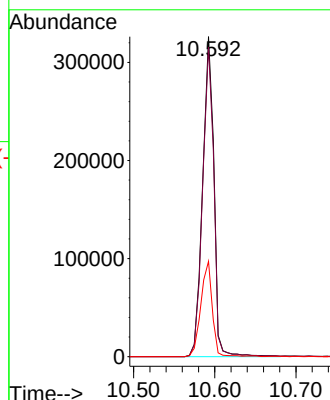
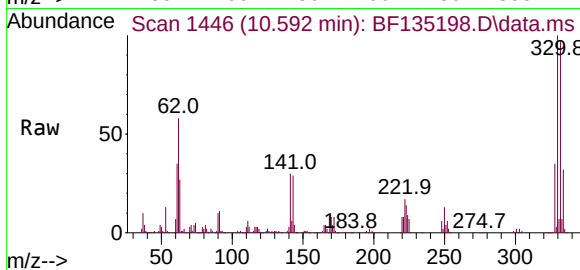
Tgt Ion:330 Resp: 315803

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 30.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.808 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

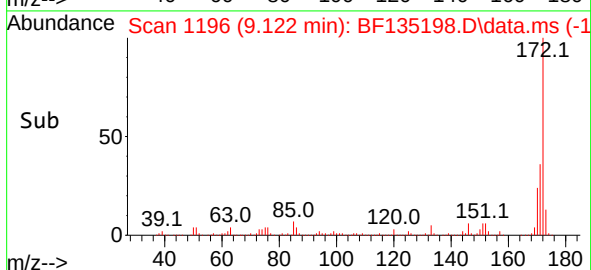
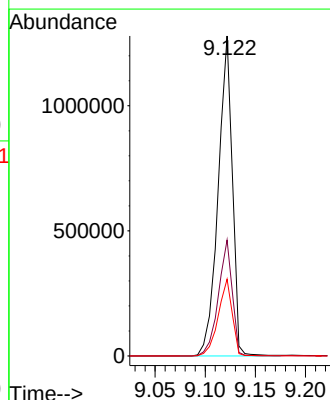
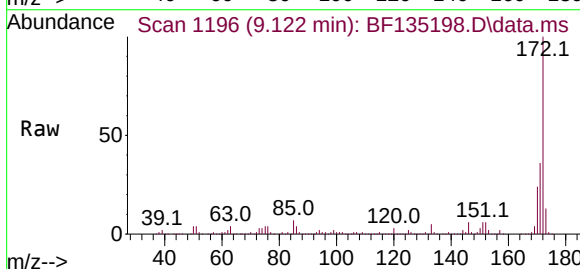
Tgt Ion:172 Resp: 1257262

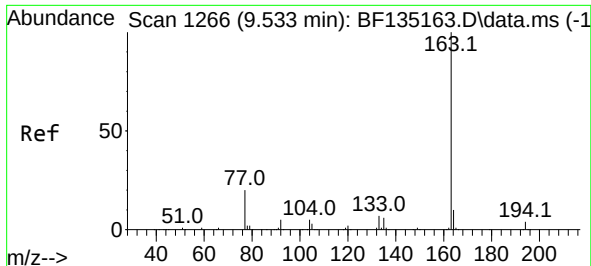
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.0 19.0 28.4

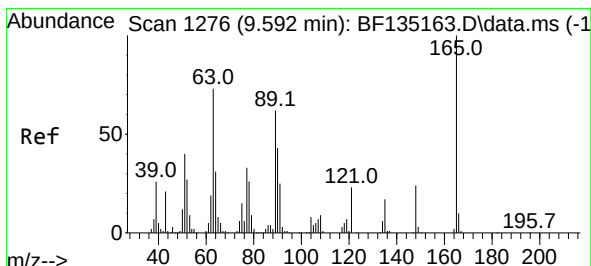
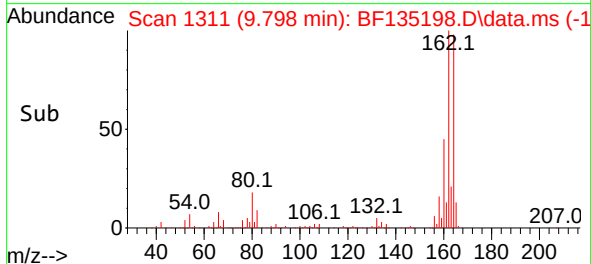
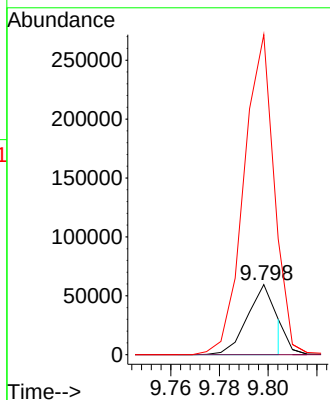
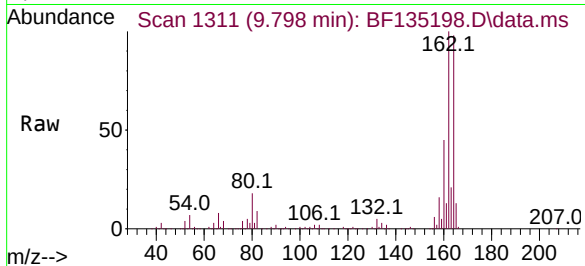




#50
Dimethylphthalate
Concen: 3.047 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

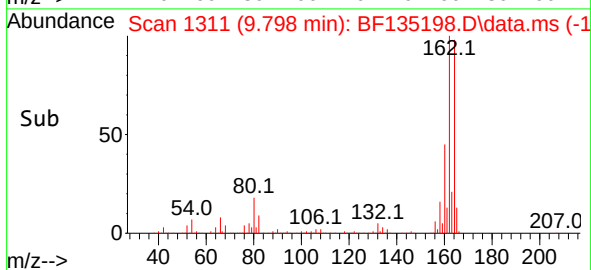
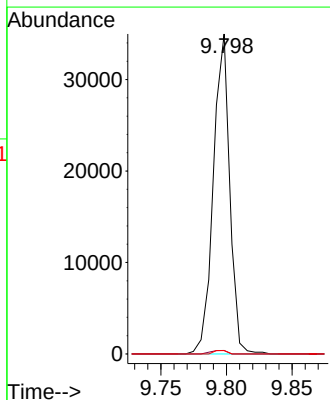
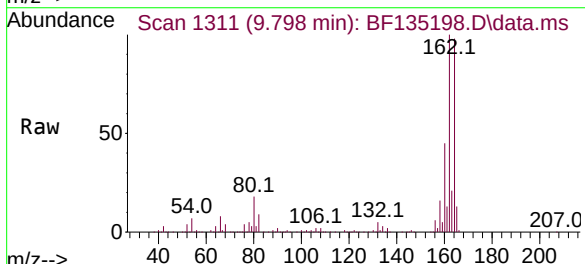
Instrument :
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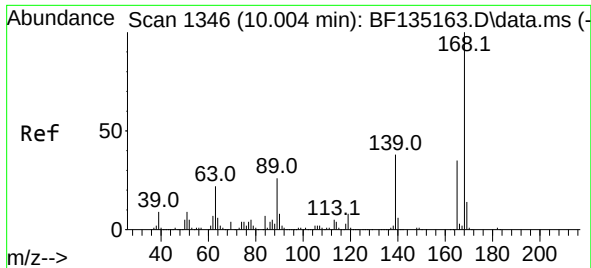
Tgt Ion:163 Resp: 48964
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 456.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.629 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion:165 Resp: 30377
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.1 49.8 74.8#

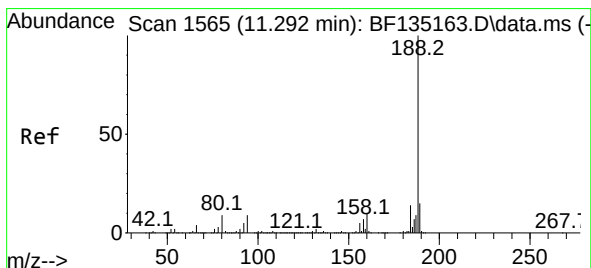
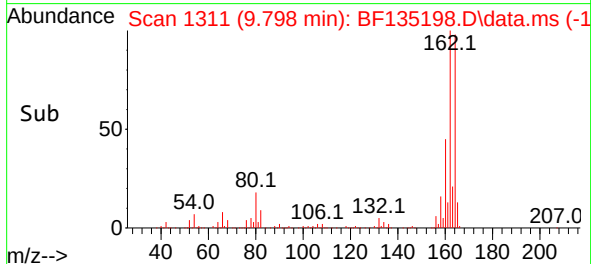
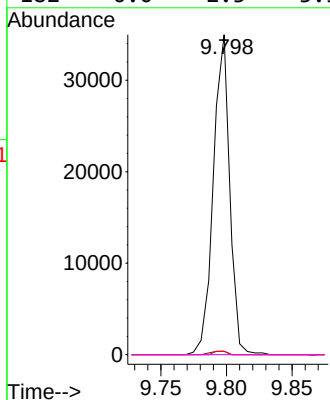
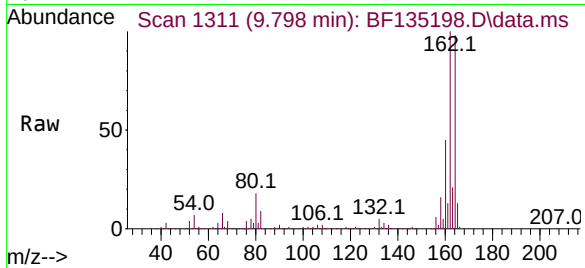




#57
2,4-Dinitrotoluene
Concen: 6.893 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

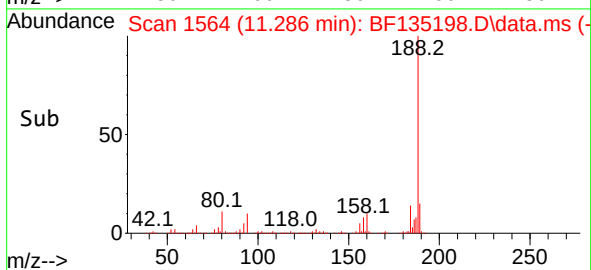
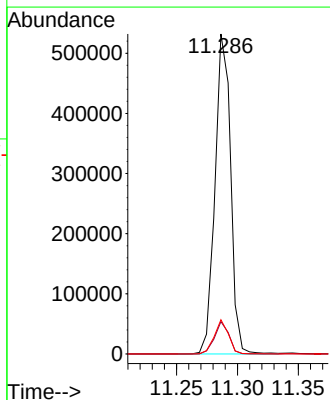
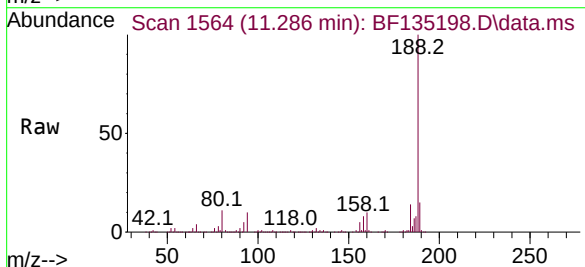
Instrument :
BNA_F
ClientSampleId :
TP2

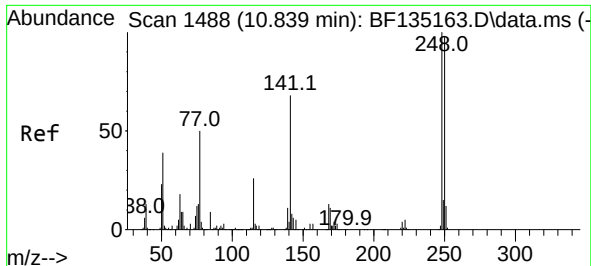
Tgt Ion:165 Resp: 30377
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion:188 Resp: 474380
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 7.5 11.3

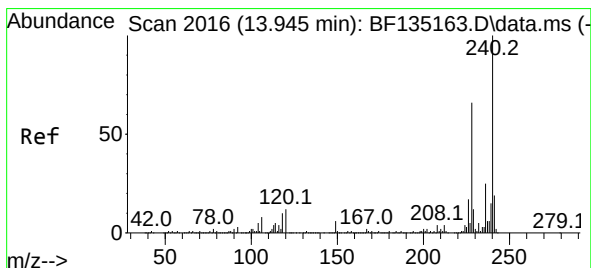
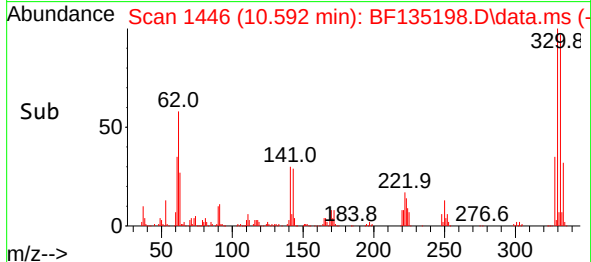
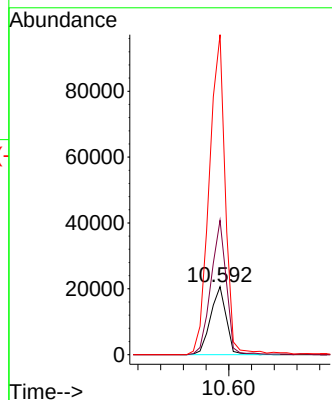
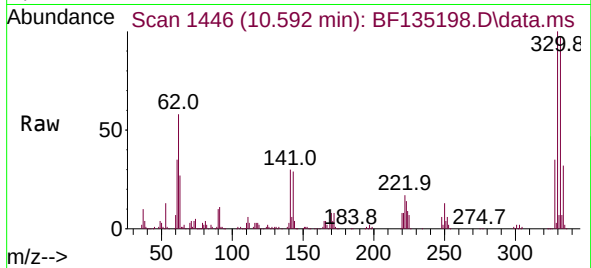




#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

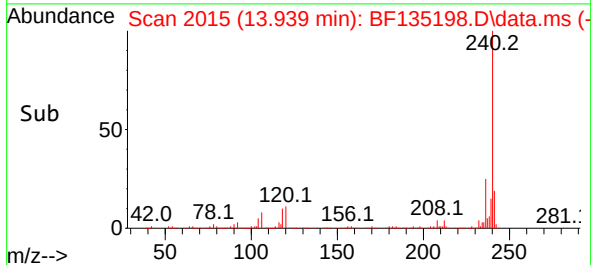
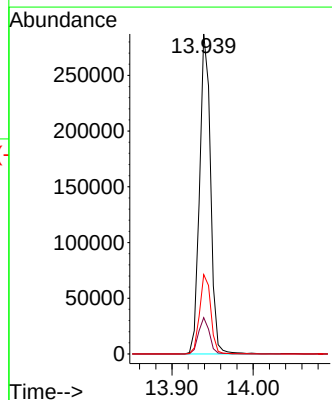
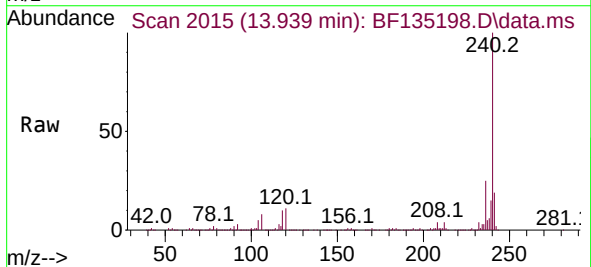
Instrument :
BNA_F
ClientSampleId :
TP2

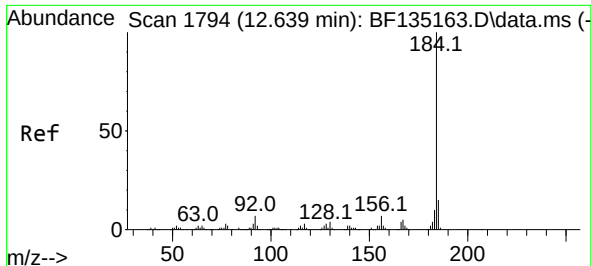
Tgt Ion:248 Resp: 19853
Ion Ratio Lower Upper
248 100
250 197.8 78.6 117.8#
141 470.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion:240 Resp: 270353
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 24.8 19.8 29.8

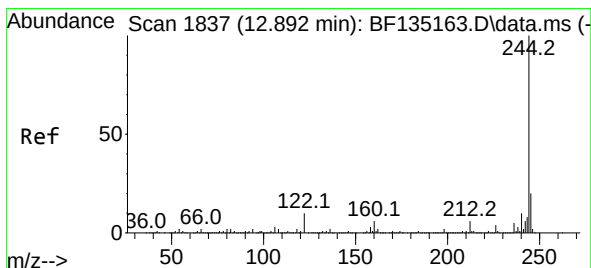
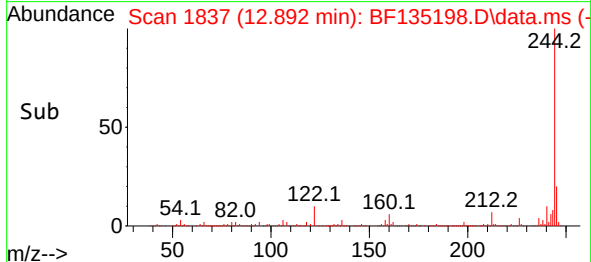
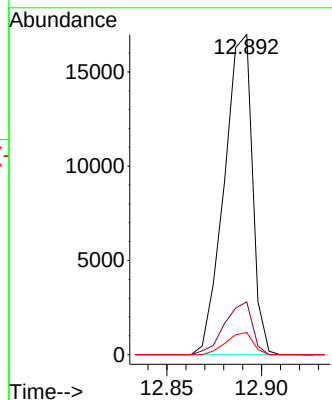
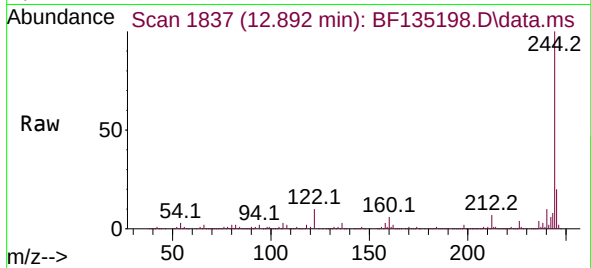




#77
Benzidine
Concen: 3.163 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

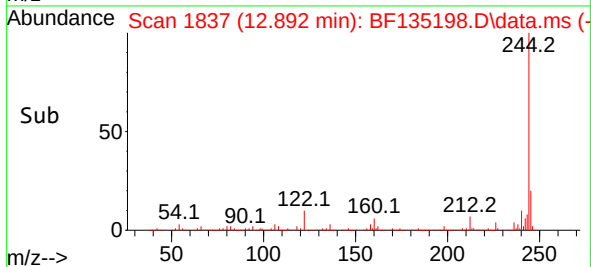
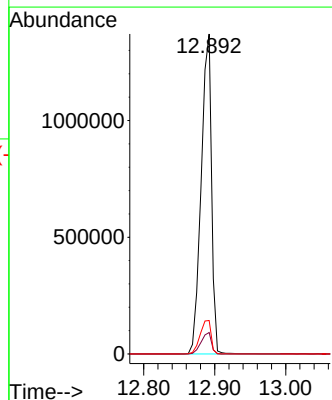
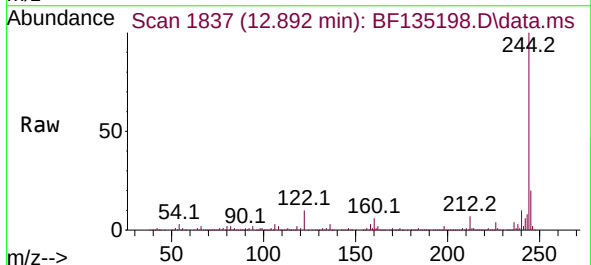
Instrument :
BNA_F
ClientSampleId :
TP2

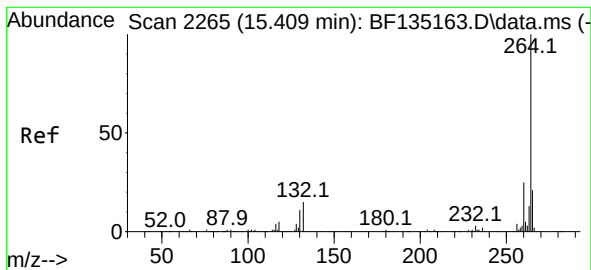
Tgt Ion:184 Resp: 17521
Ion Ratio Lower Upper
184 100
185 16.5 11.7 17.5
183 6.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 79.962 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

Tgt Ion:244 Resp: 1394536
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.5 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: BF135198.D

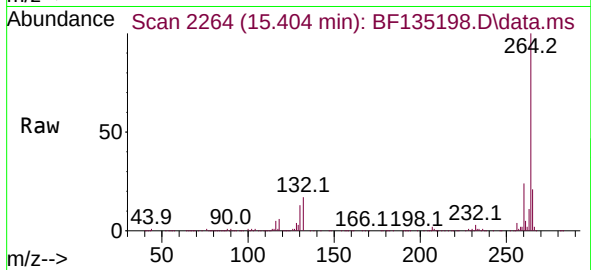
Acq: 13 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

TP2



Tgt Ion:264 Resp: 239383

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.4 17.0 25.4

