

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135197.D
 Acq On : 12 Sep 2023 23:41
 Operator : CG\JU
 Sample : 04338-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Sep 13 02:48:31 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)

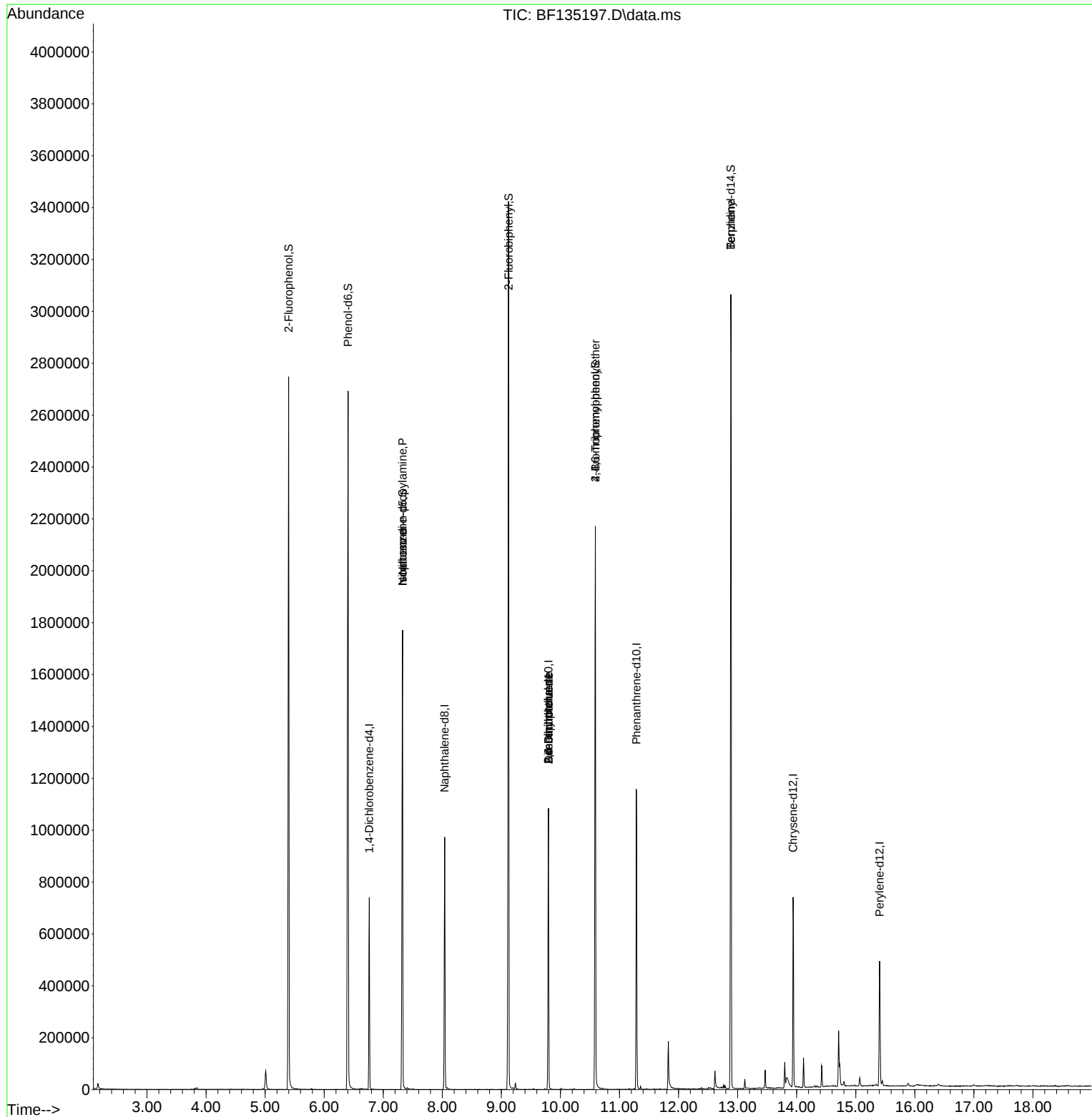
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	104659	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	402150	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	212357	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	431445	20.000	ng	0.00
76) Chrysene-d12	13.939	240	243614	20.000	ng	0.00
86) Perylene-d12	15.404	264	222340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	712171	110.674	ng	0.01
7) Phenol-d6	6.404	99	920087	112.449	ng	0.00
23) Nitrobenzene-d5	7.328	82	565689	76.423	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	269846	127.870	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1066732	75.788	ng	0.00
79) Terphenyl-d14	12.886	244	1192390	75.875	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.328	70	76242	15.044	ng	Qvalue # 76
25) Isophorone	7.328	82	563518	41.459	ng	# 65
50) Dimethylphthalate	9.798	163	44264	3.083	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	27063	8.604	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	27063	6.873	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	16524	3.851	ng	# 1
77) Benzidine	12.886	184	15121	3.030	ng	# 95

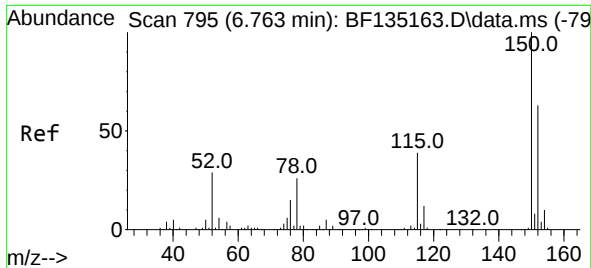
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

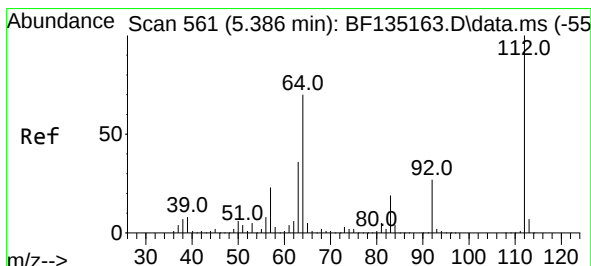
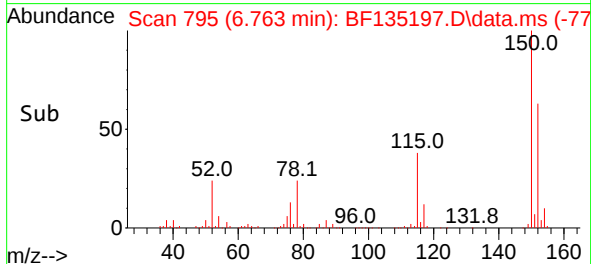
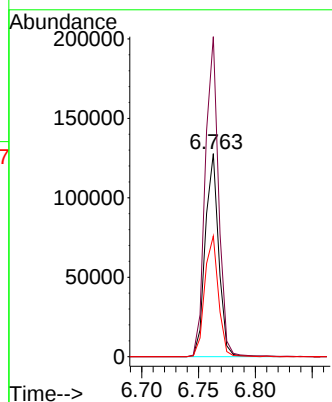
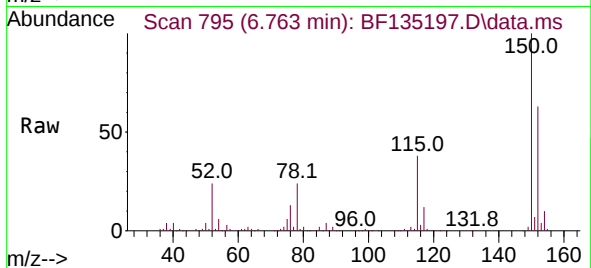




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135197.D
 Acq: 12 Sep 2023 23:41

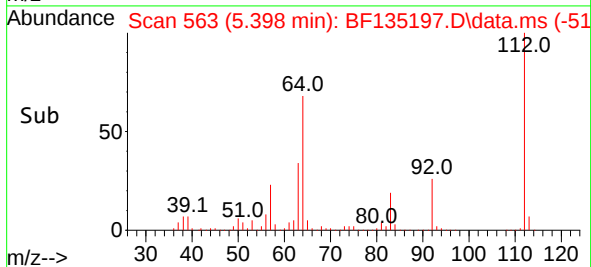
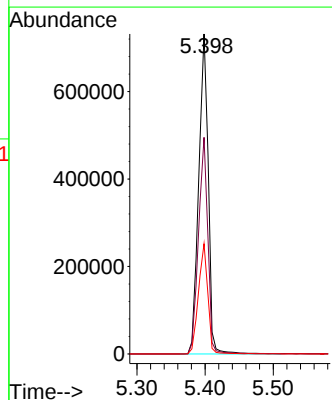
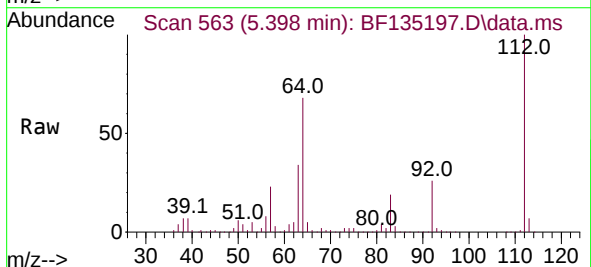
Instrument :
 BNA_F
 ClientSampleId :
 TP3

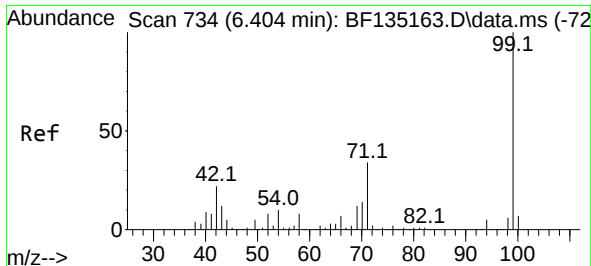
Tgt Ion:152 Resp: 104659
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.8 191.6
 115 59.5 49.8 74.8



#5
 2-Fluorophenol
 Concen: 110.674 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135197.D
 Acq: 12 Sep 2023 23:41

Tgt Ion:112 Resp: 712171
 Ion Ratio Lower Upper
 112 100
 64 67.7 55.9 83.9
 63 34.5 29.0 43.6

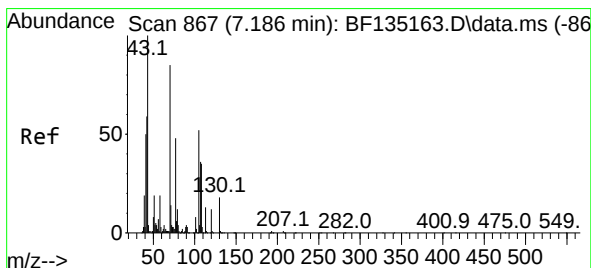
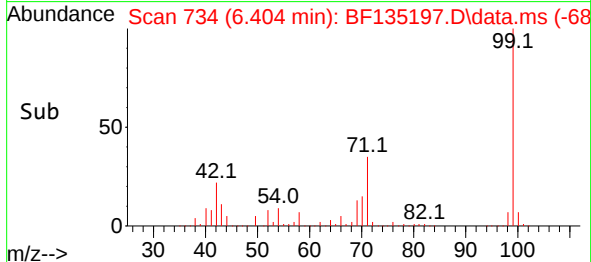
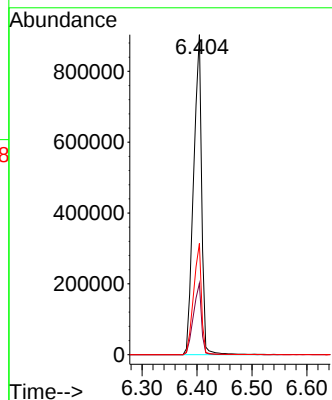
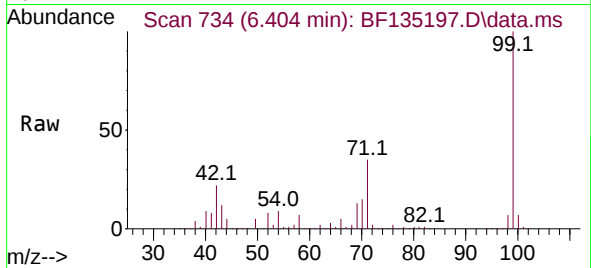




#7
Phenol-d6
Concen: 112.449 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

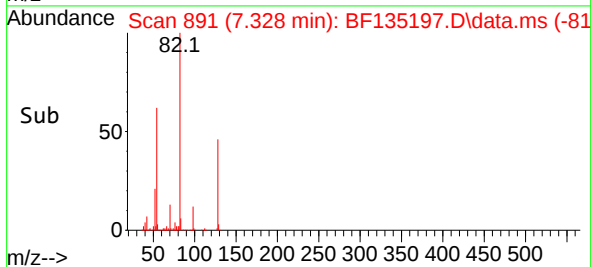
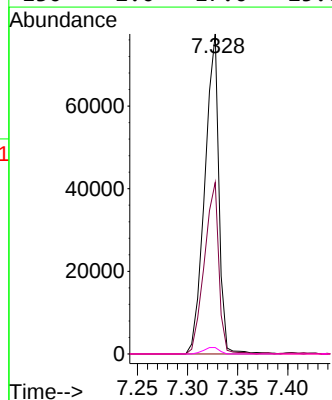
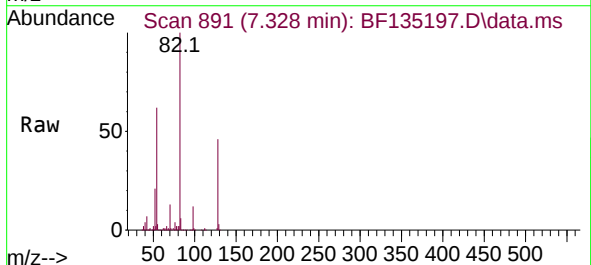
Instrument :
BNA_F
ClientSampleId :
TP3

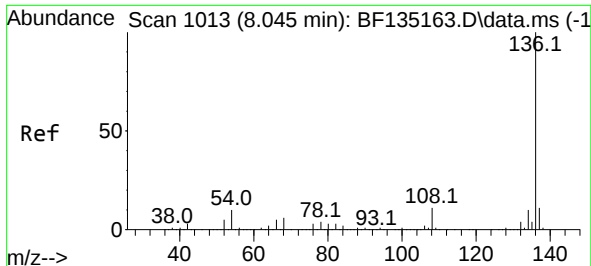
Tgt Ion: 99 Resp: 920087
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 34.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.044 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion: 70 Resp: 76242
Ion Ratio Lower Upper
70 100
42 53.6 55.4 83.0#
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

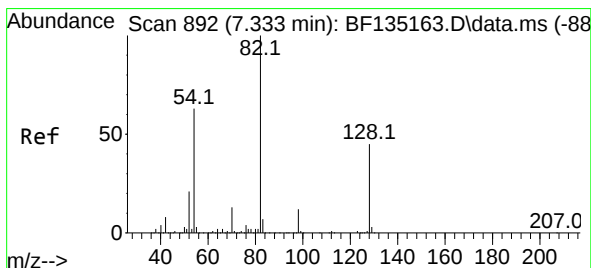
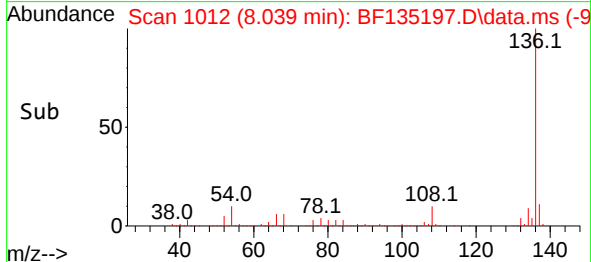
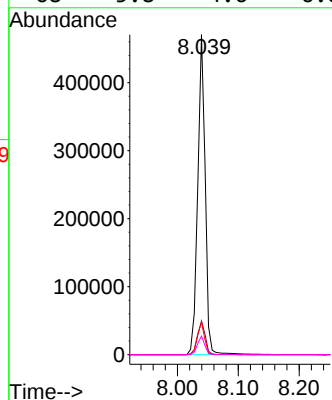
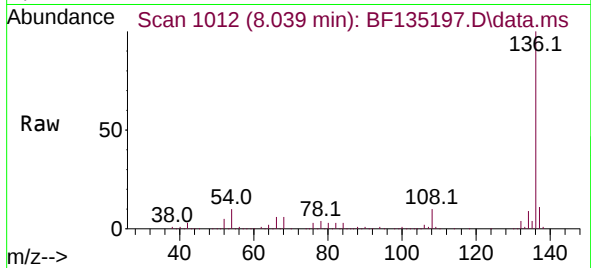




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

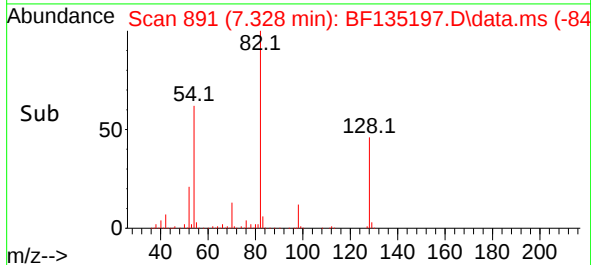
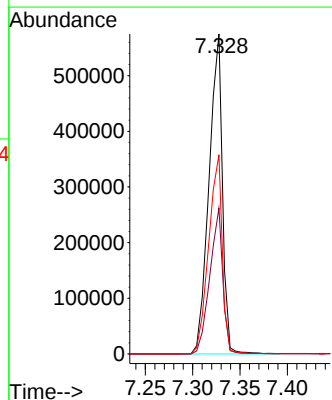
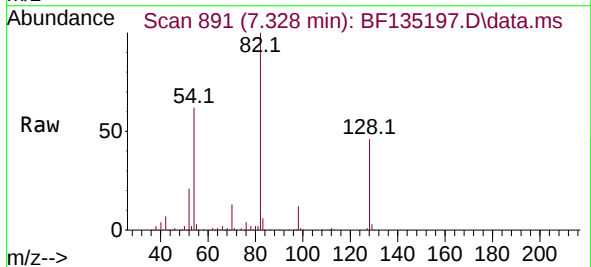
Instrument :
BNA_F
ClientSampleId :
TP3

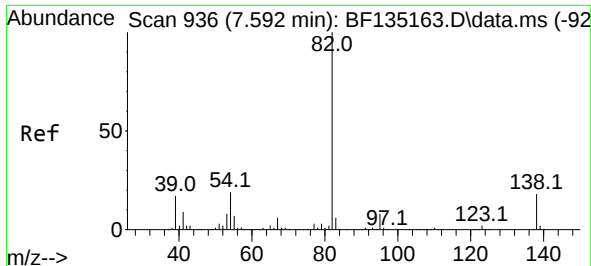
Tgt Ion:136	Resp: 402150
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 10.2	7.7 11.5
68 5.8	4.6 6.8



#23
Nitrobenzene-d5
Concen: 76.423 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion: 82	Resp: 565689
Ion Ratio	Lower Upper
82 100	
128 45.6	35.8 53.6
54 62.2	50.6 76.0

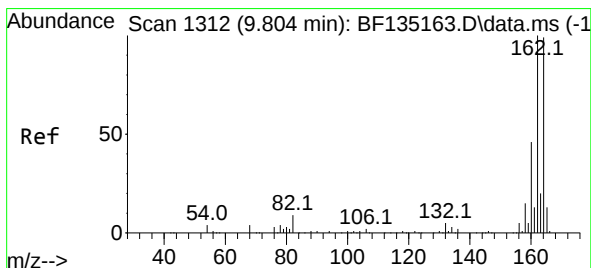
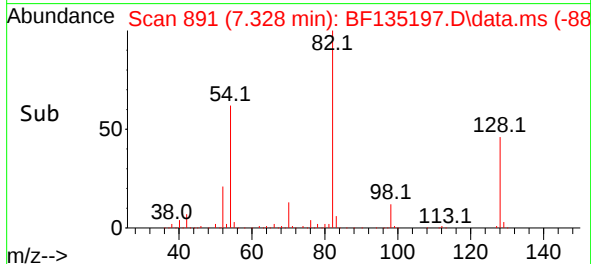
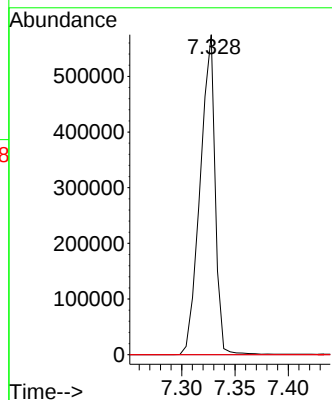
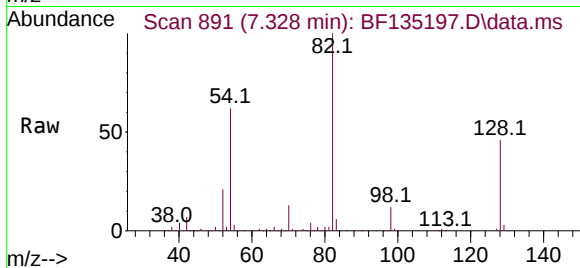




#25
Isophorone
Concen: 41.459 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

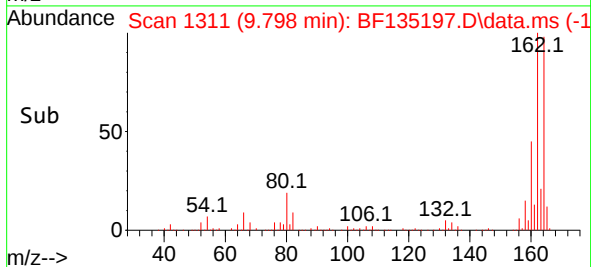
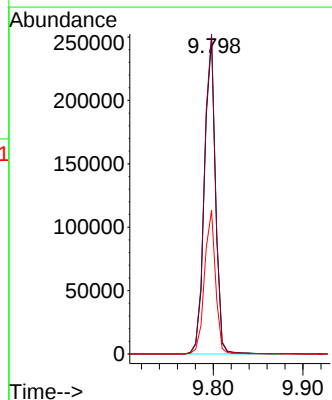
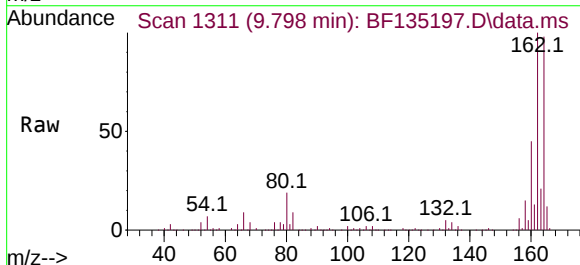
Instrument :
BNA_F
ClientSampleId :
TP3

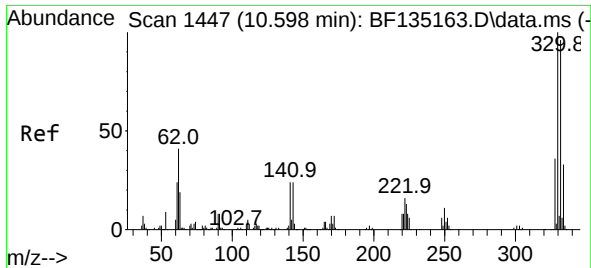
Tgt Ion: 82 Resp: 563518
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:164 Resp: 212357
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 45.6 37.0 55.4

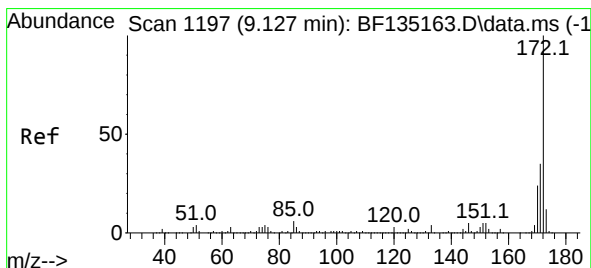
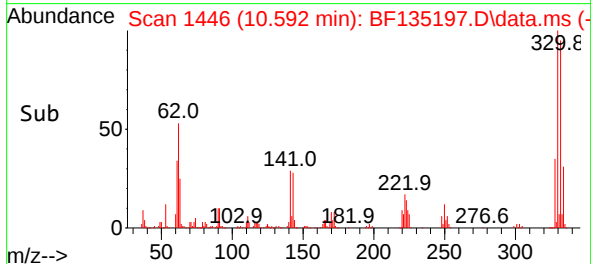
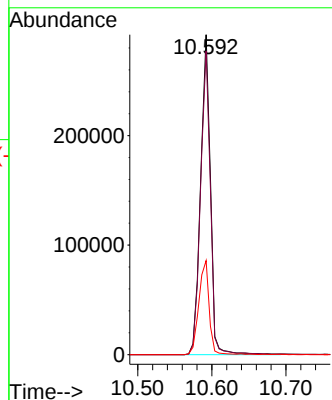
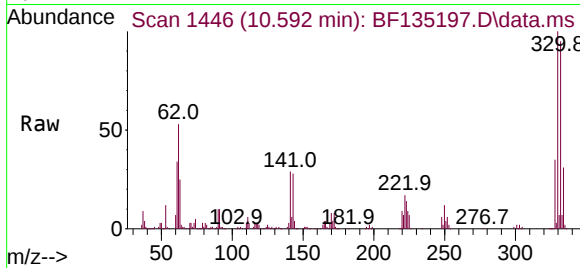




#42
2,4,6-Tribromophenol
Concen: 127.870 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

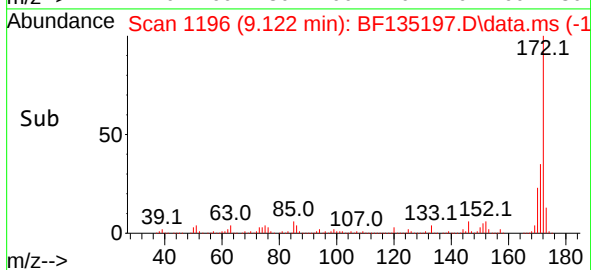
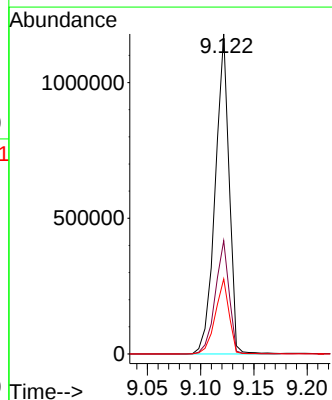
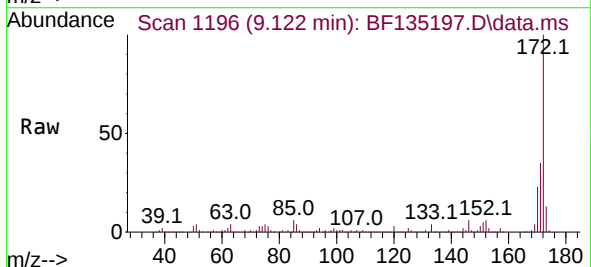
Instrument :
BNA_F
ClientSampleId :
TP3

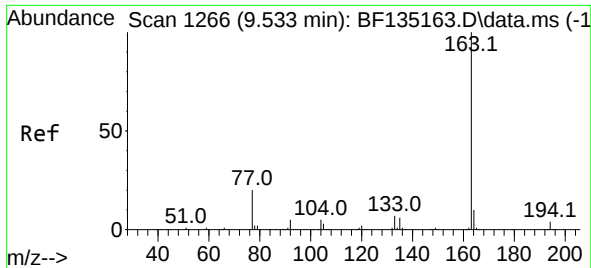
Tgt Ion:330 Resp: 269846
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.788 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:172 Resp: 1066732
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.0 28.4

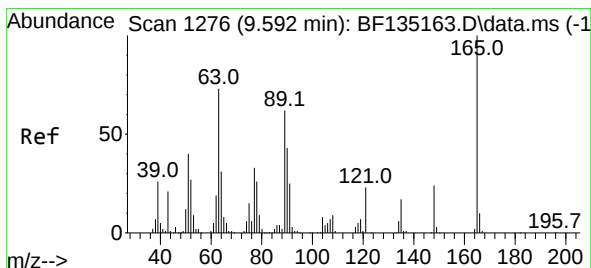
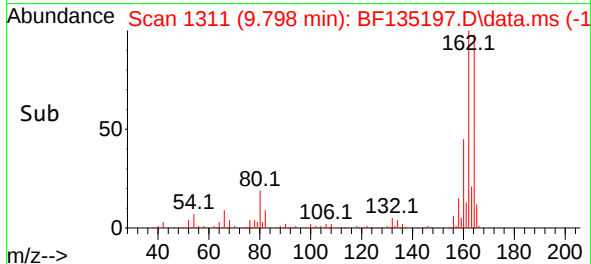
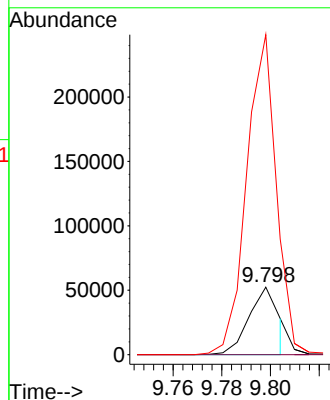
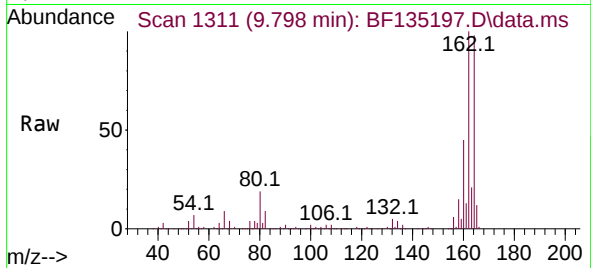




#50
Dimethylphthalate
Concen: 3.083 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

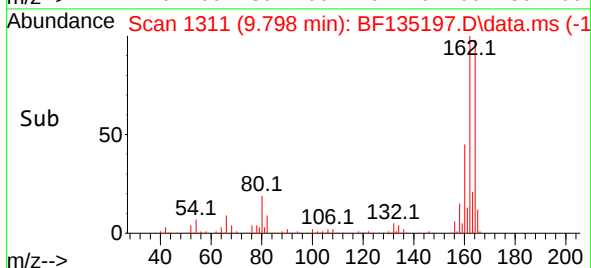
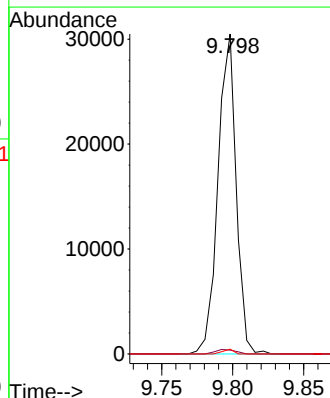
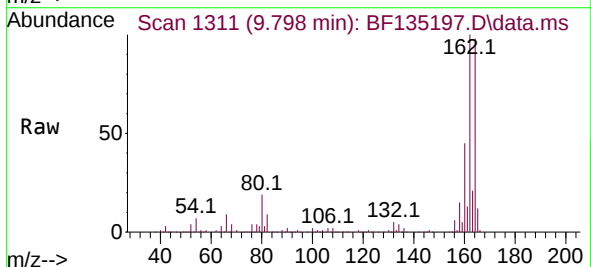
Instrument :
BNA_F
ClientSampleId :
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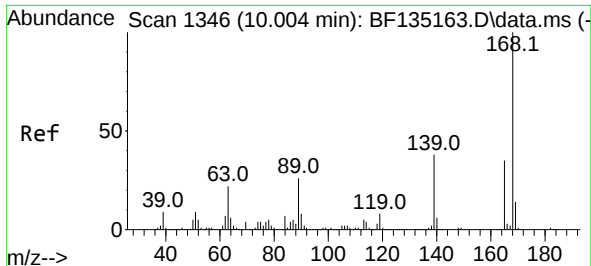
Tgt Ion:163 Resp: 44264
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 473.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.604 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:165 Resp: 27063
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.5 49.8 74.8#

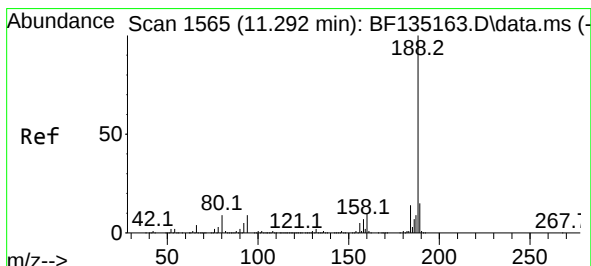
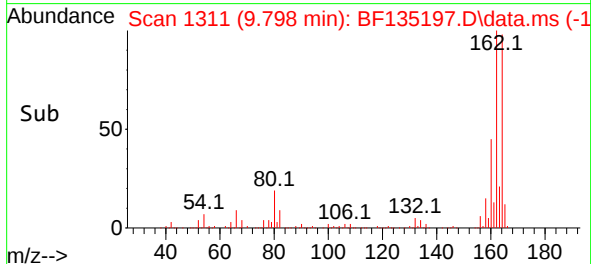
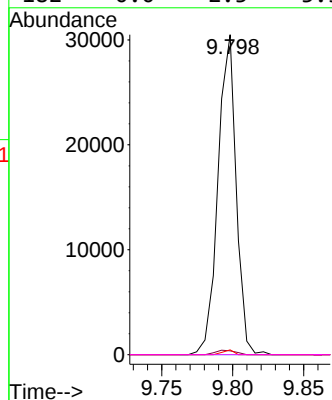
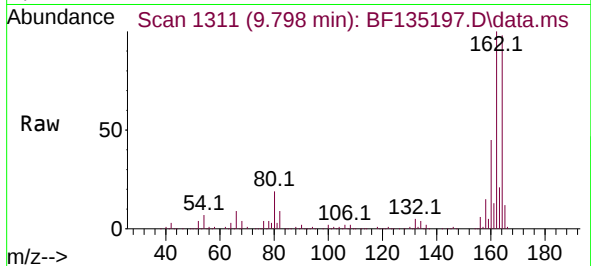




#57
2,4-Dinitrotoluene
Concen: 6.873 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

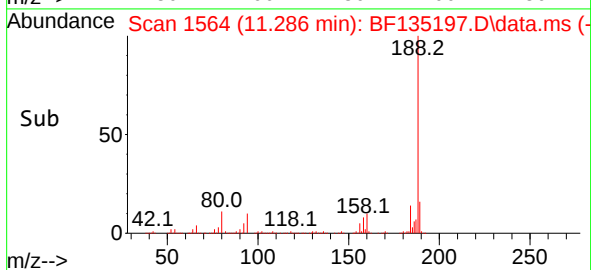
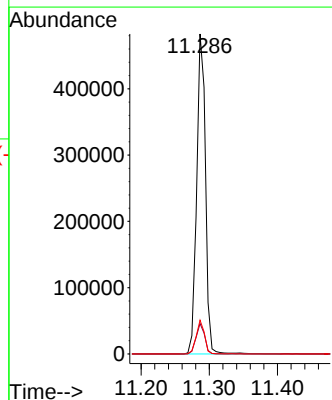
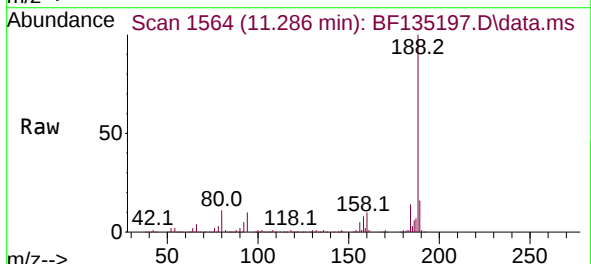
Instrument :
BNA_F
ClientSampleId :
TP3

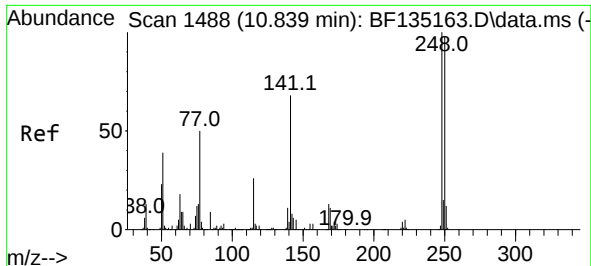
Tgt Ion:165	Resp:	27063
Ion Ratio	Lower	Upper
165	100	
63	1.2	50.1 75.1#
89	1.5	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:188	Resp:	431445
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.0 10.6
80	10.6	7.5 11.3

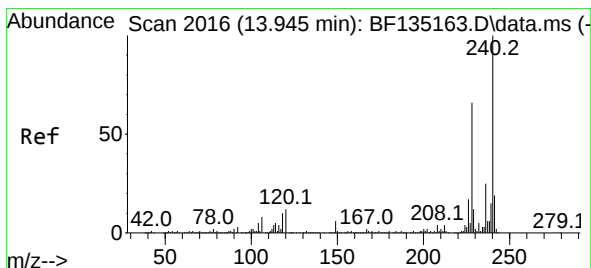
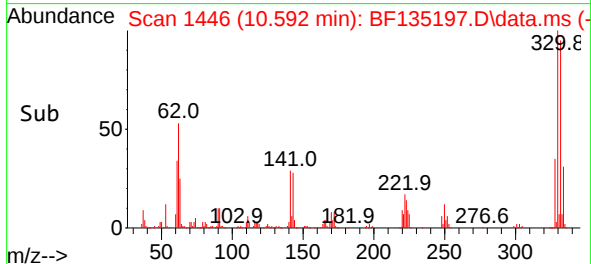
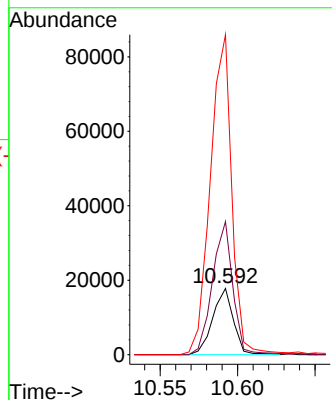
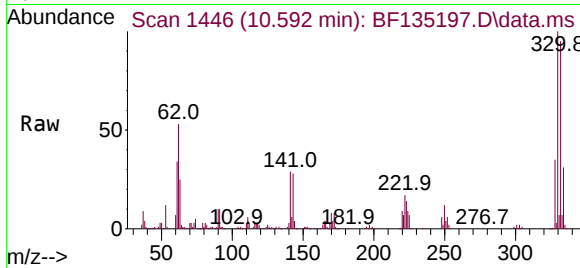




#67
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

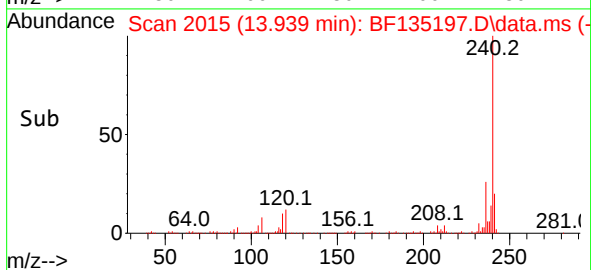
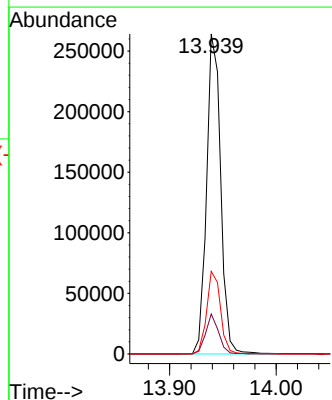
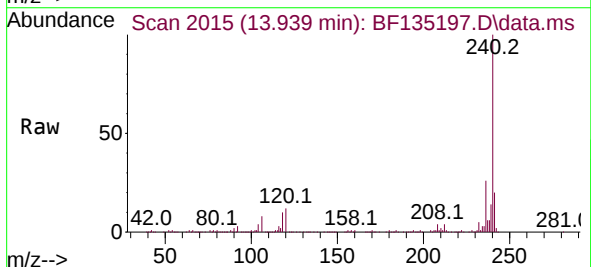
Instrument :
BNA_F
ClientSampleId :
TP3

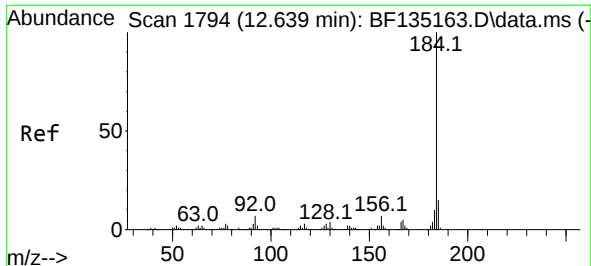
Tgt Ion:248 Resp: 16524
Ion Ratio Lower Upper
248 100
250 200.9 78.6 117.8#
141 482.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:240 Resp: 243614
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.8 19.8 29.8

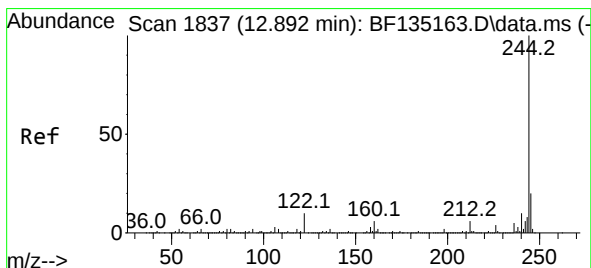
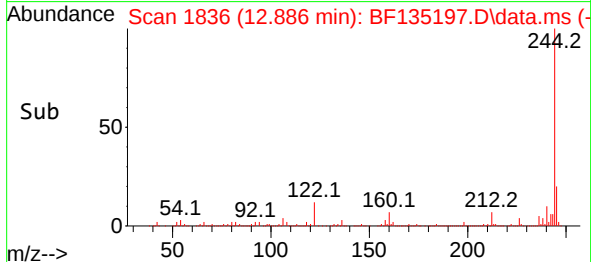
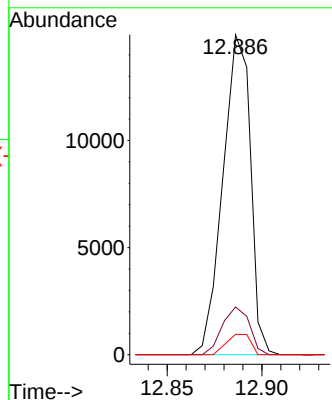
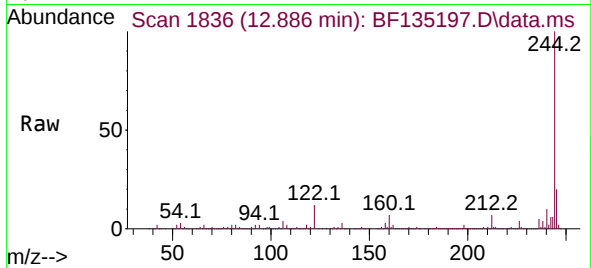




#77
Benzidine
Concen: 3.030 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

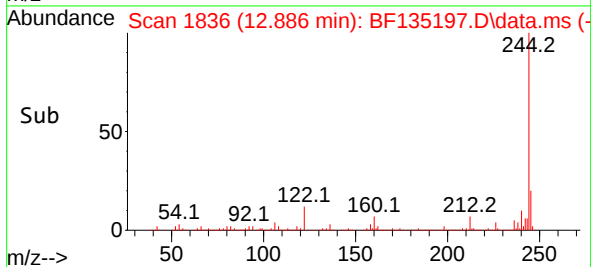
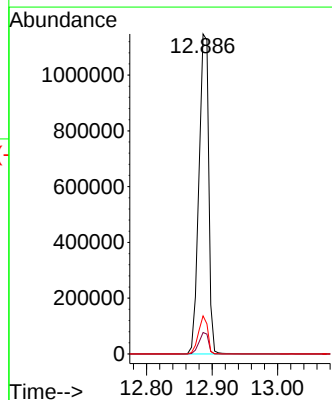
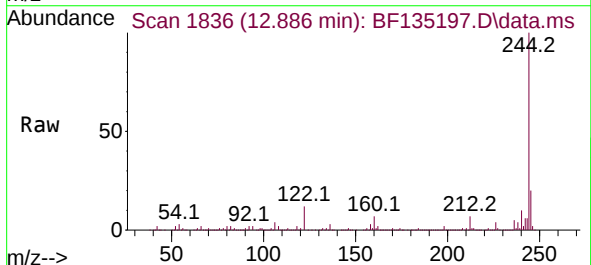
Instrument :
BNA_F
ClientSampleId :
TP3

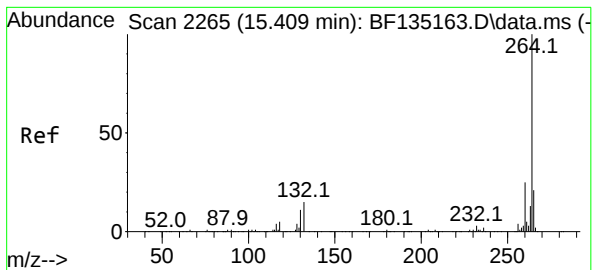
Tgt Ion:184 Resp: 15121
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 6.4 8.2 12.4#



#79
Terphenyl-d14
Concen: 75.875 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:244 Resp: 1192390
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 11.9 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: BF135197.D
 Acq: 12 Sep 2023 23:41

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion:264 Resp: 222340

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.5	17.0	25.4

