

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135203.D
 Acq On : 13 Sep 2023 03:25
 Operator : CG\JU
 Sample : 04299-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Sep 13 07:41:35 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)

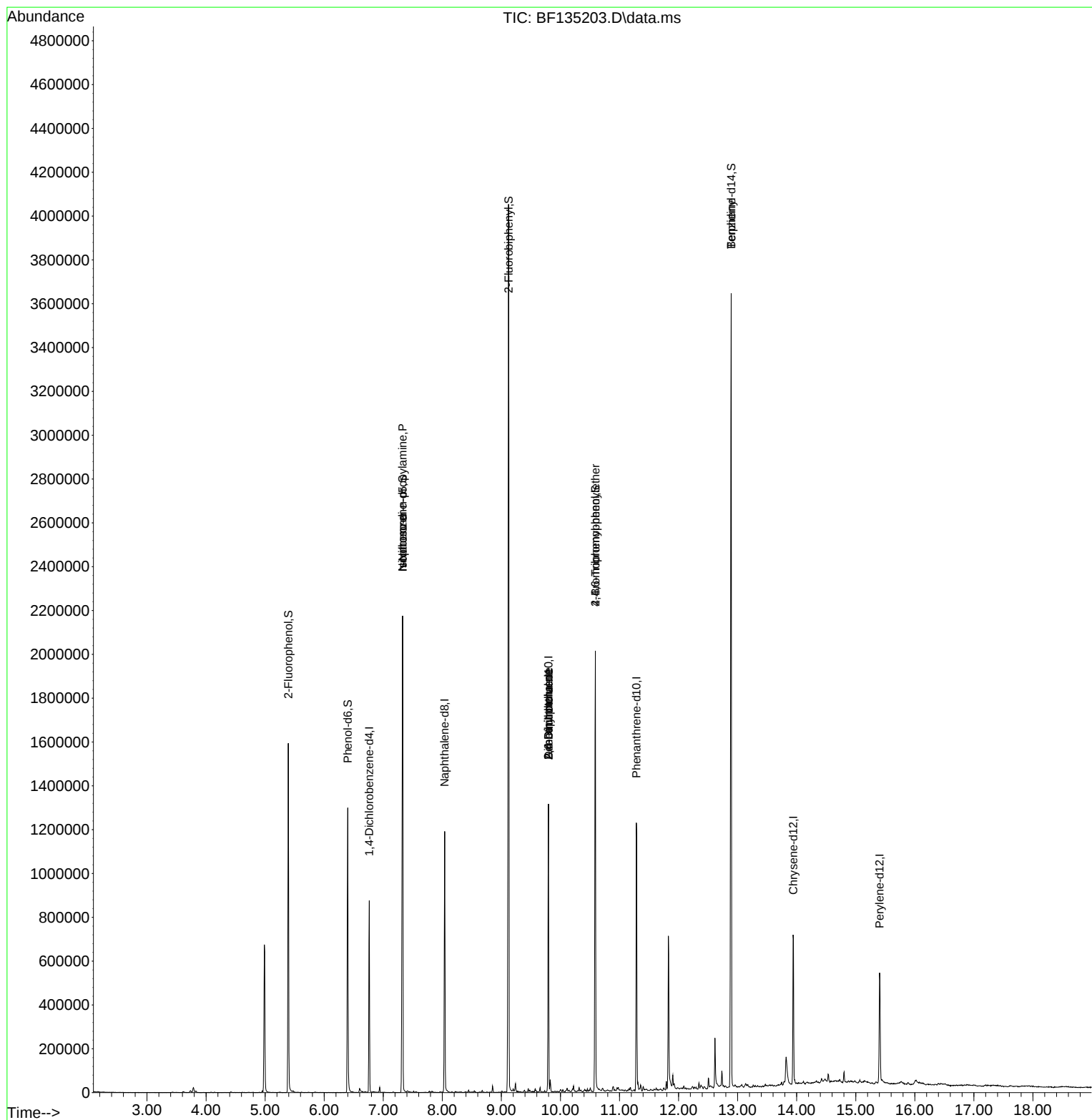
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	123256	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	474617	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	246088	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	476853	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	242632	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	247868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	388187	51.224	ng	0.00
7) Phenol-d6	6.398	99	374083	38.821	ng	0.00
23) Nitrobenzene-d5	7.328	82	785405	89.905	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	247037	101.016	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1417593	86.910	ng	0.00
79) Terphenyl-d14	12.892	244	1394183	89.075	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	104606	17.526	ng	# 77
25) Isophorone	7.328	82	781544	48.720	ng	# 65
50) Dimethylphthalate	9.798	163	51194	3.077	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	32787	8.995	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	32787	7.185	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	15483	3.265	ng	# 1
77) Benzidine	12.892	184	17477	3.516	ng	# 94

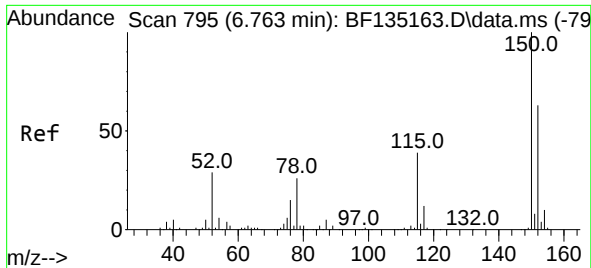
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Sep 13 07:41:35 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

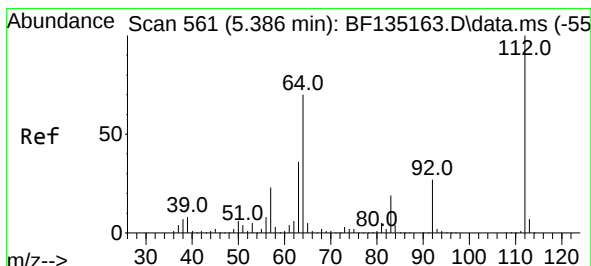
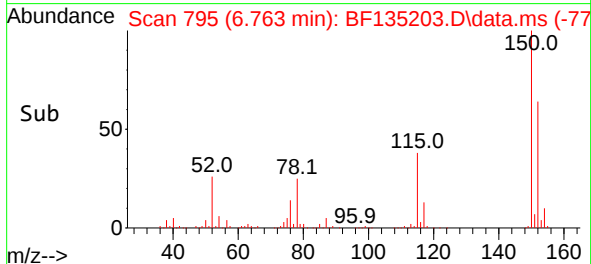
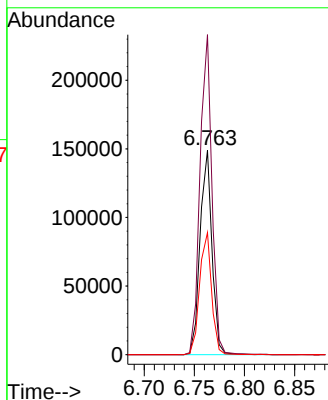
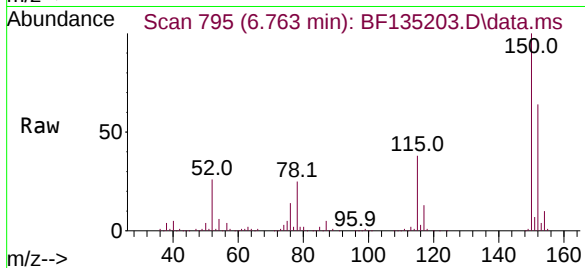




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

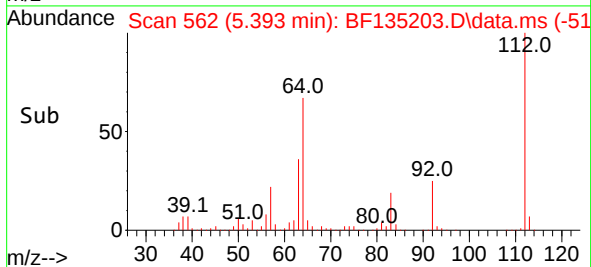
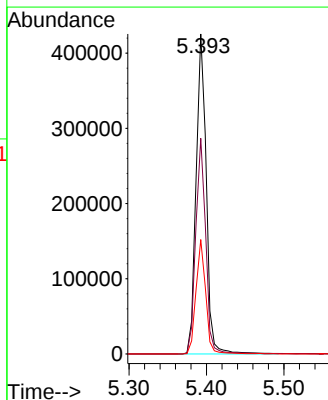
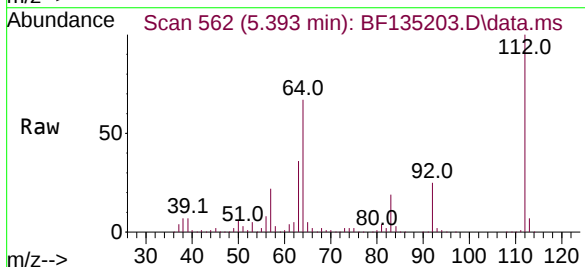
Instrument :
BNA_F
ClientSampleId :
MW-01

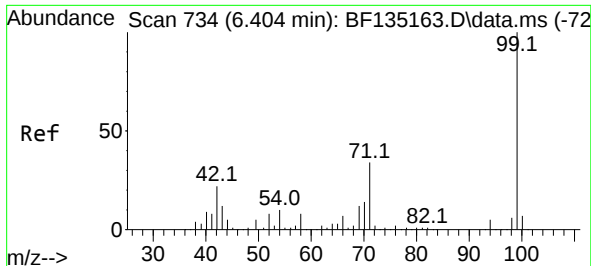
Tgt Ion:152 Resp: 123256
Ion Ratio Lower Upper
152 100
150 156.6 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 51.224 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:112 Resp: 388187
Ion Ratio Lower Upper
112 100
64 67.4 55.9 83.9
63 35.7 29.0 43.6

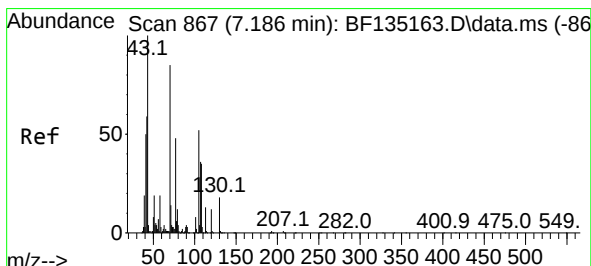
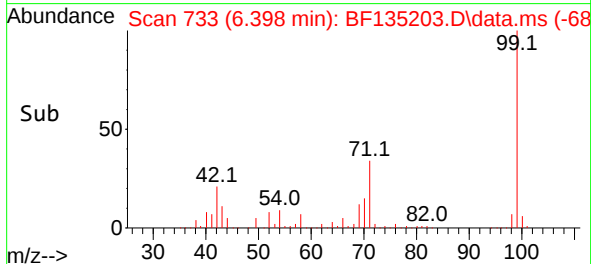
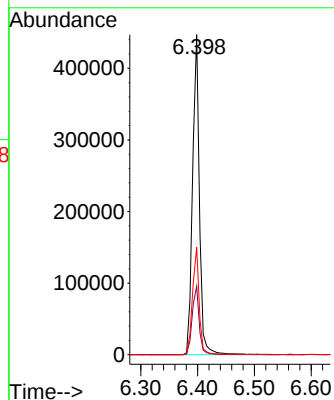
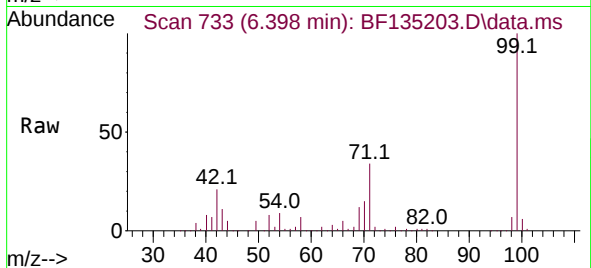




#7
Phenol-d6
Concen: 38.821 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

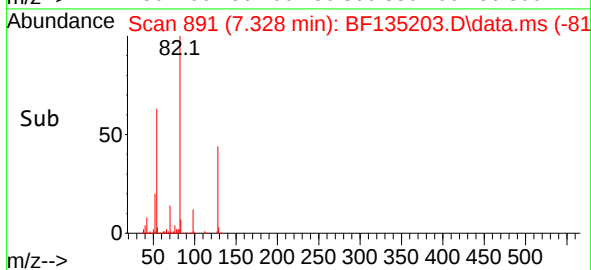
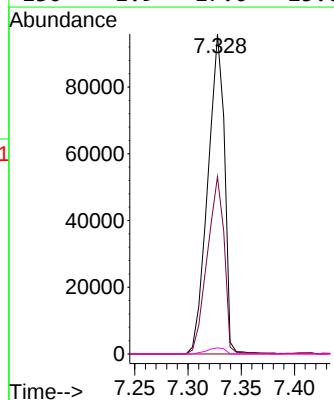
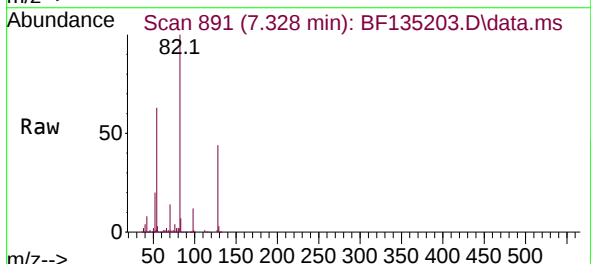
Instrument :
BNA_F
ClientSampleId :
MW-01

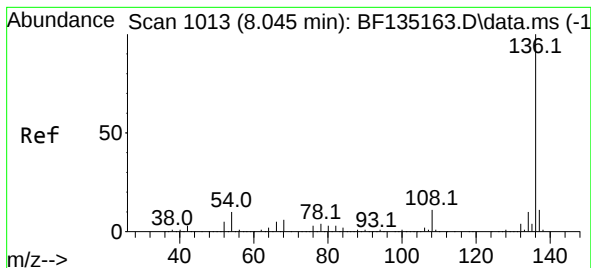
Tgt Ion: 99 Resp: 374083
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 33.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.526 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion: 70 Resp: 104606
Ion Ratio Lower Upper
70 100
42 55.4 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: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135203.D

Acq: 13 Sep 2023 03:25

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion:136 Resp: 474617

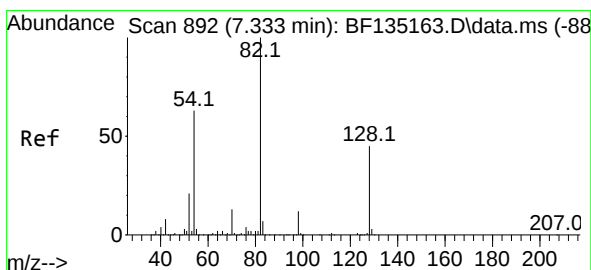
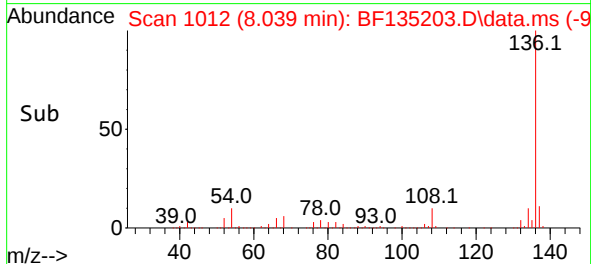
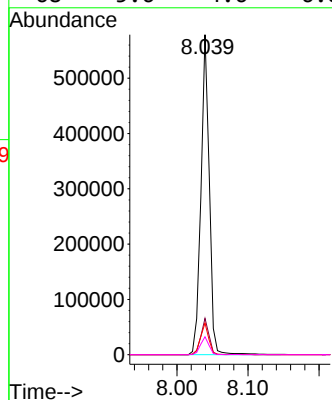
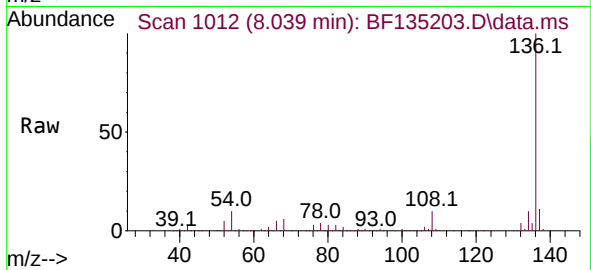
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.9 7.7 11.5

68 5.6 4.6 6.8



#23

Nitrobenzene-d5

Concen: 89.905 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135203.D

Acq: 13 Sep 2023 03:25

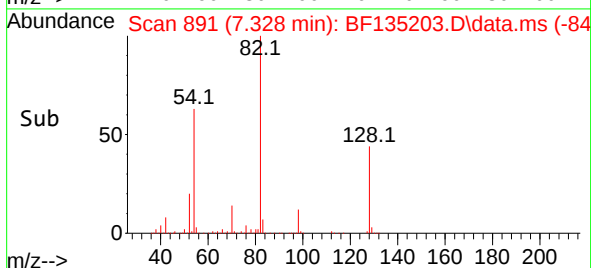
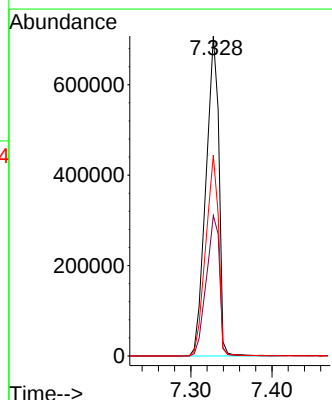
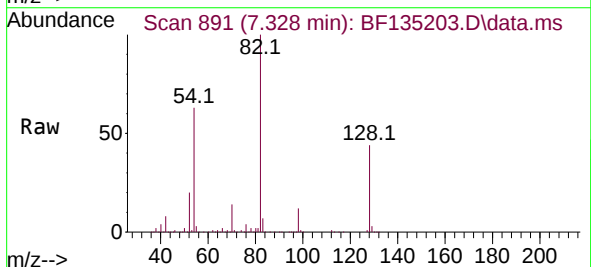
Tgt Ion: 82 Resp: 785405

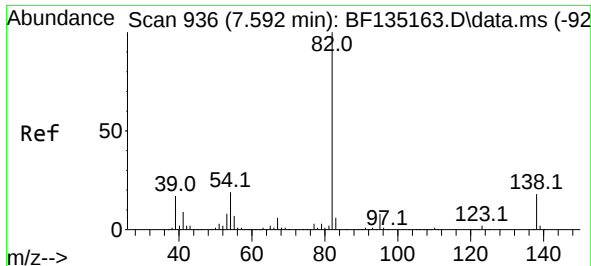
Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 62.8 50.6 76.0

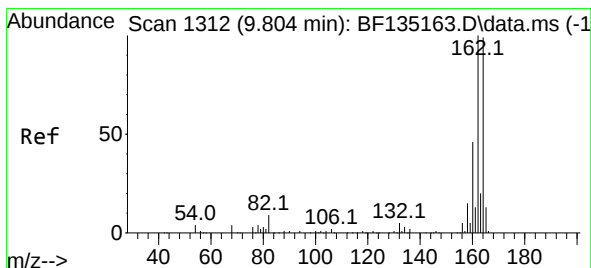
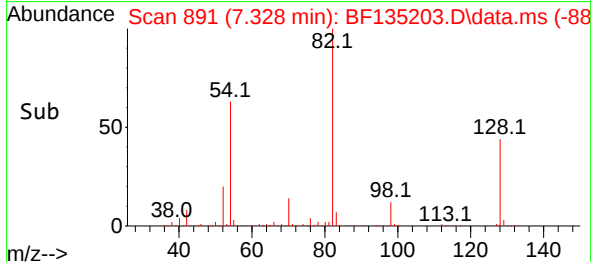
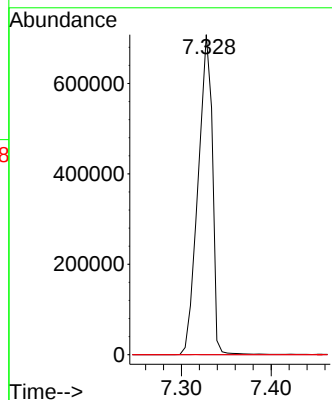
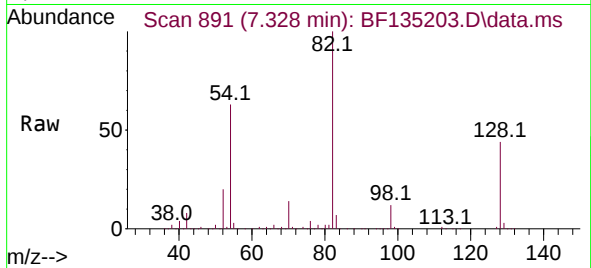




#25
Isophorone
Concen: 48.720 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

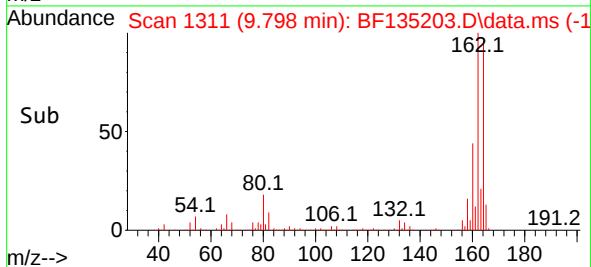
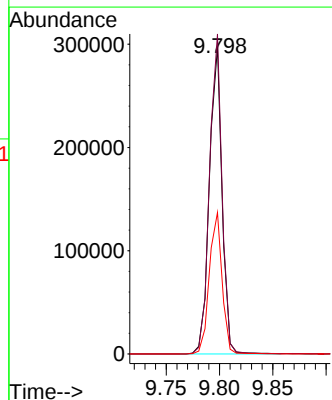
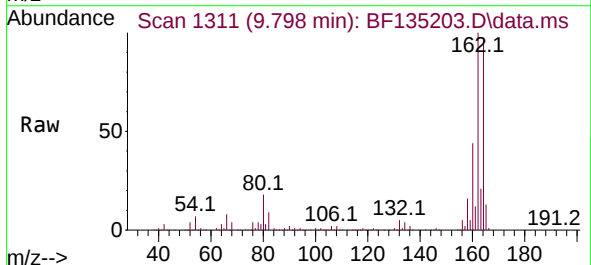
Instrument :
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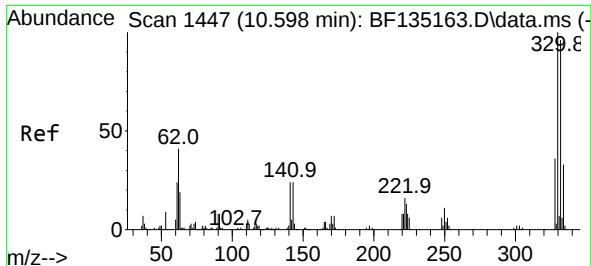
Tgt Ion: 82 Resp: 781544
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:164 Resp: 246088
Ion Ratio Lower Upper
164 100
162 104.2 81.0 121.4
160 46.1 37.0 55.4

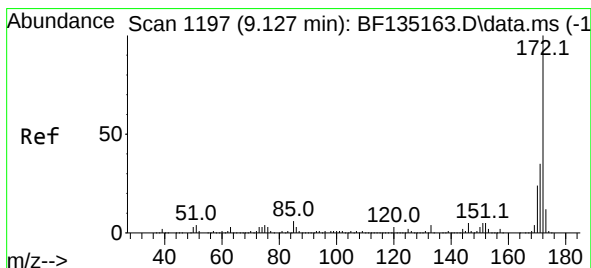
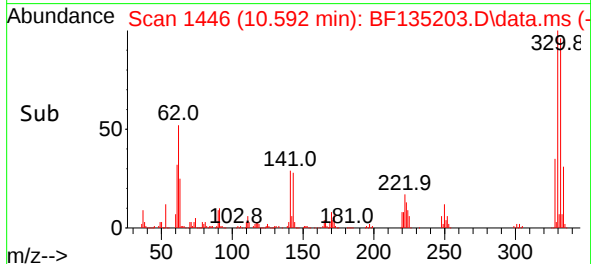
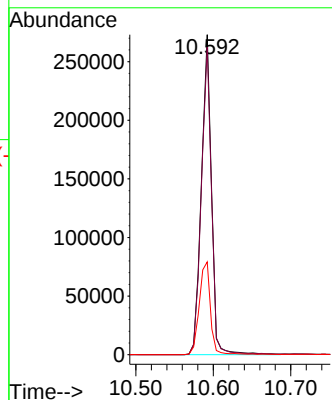
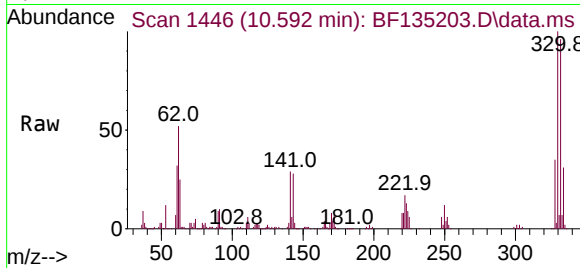




#42
 2,4,6-Tribromophenol
 Concen: 101.016 ng
 RT: 10.592 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: BF135203.D
 Acq: 13 Sep 2023 03:25

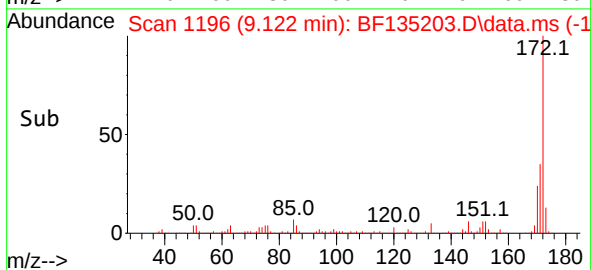
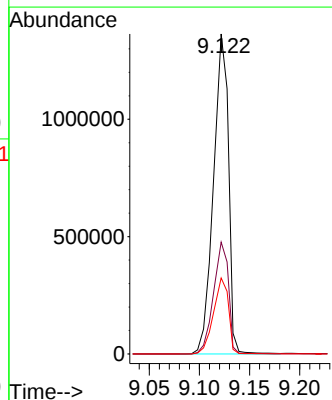
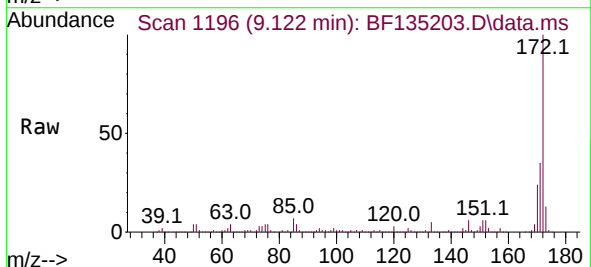
Instrument :
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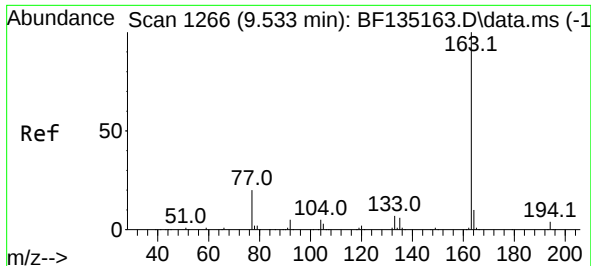
Tgt Ion:330 Resp: 247037
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 32.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 86.910 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135203.D
 Acq: 13 Sep 2023 03:25

Tgt Ion:172 Resp: 1417593
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 23.8 19.0 28.4

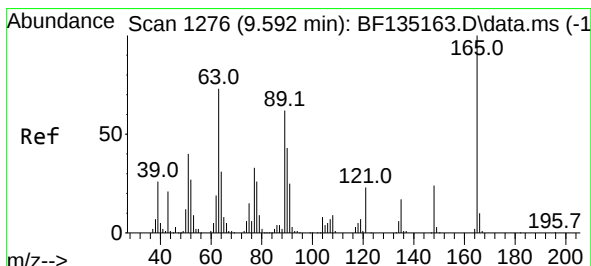
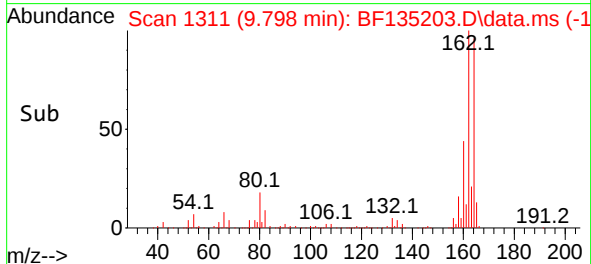
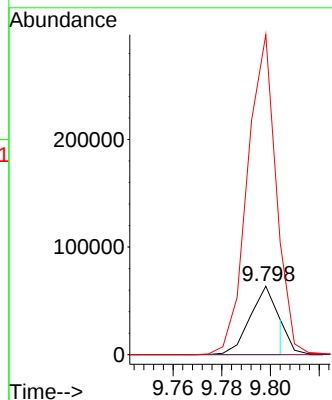
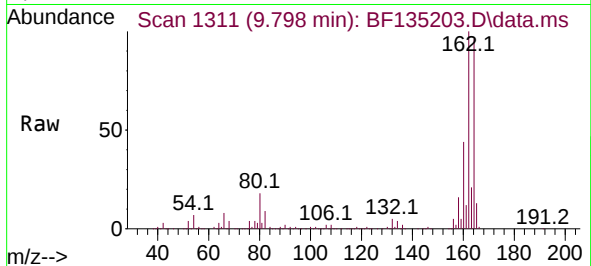




#50
Dimethylphthalate
Concen: 3.077 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

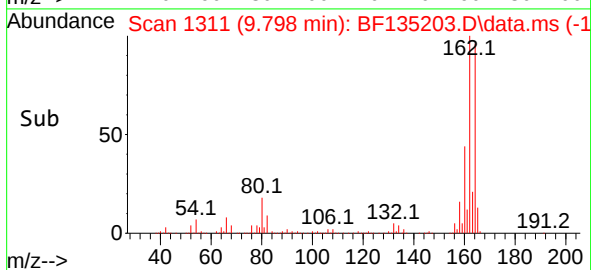
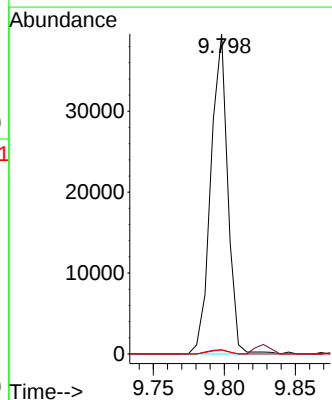
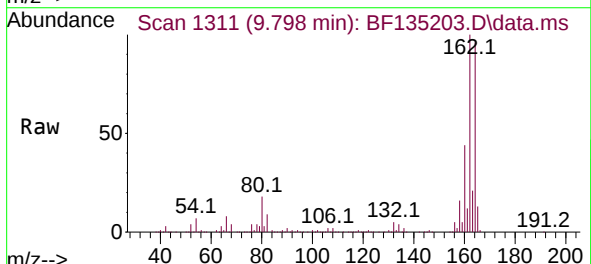
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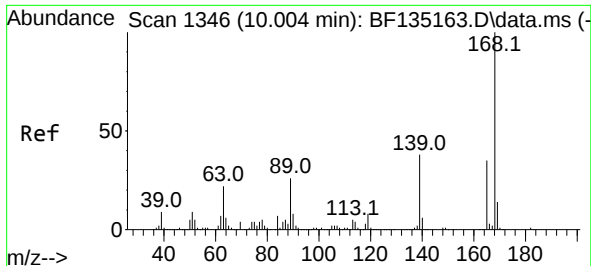
Tgt Ion:163 Resp: 51194
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 467.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.995 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:165 Resp: 32787
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.3 49.8 74.8#

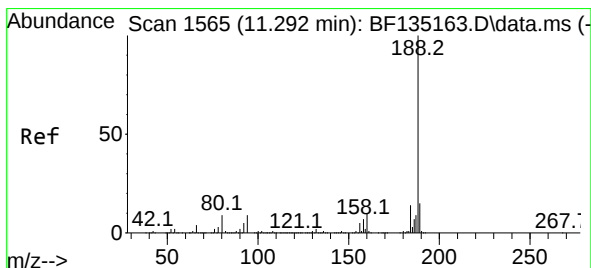
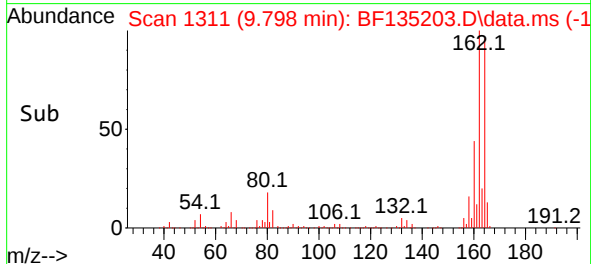
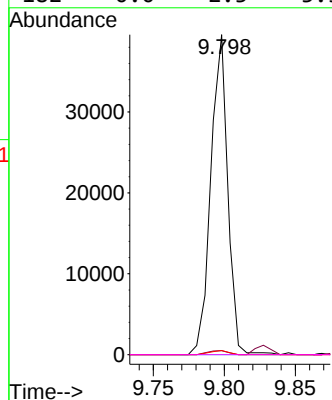
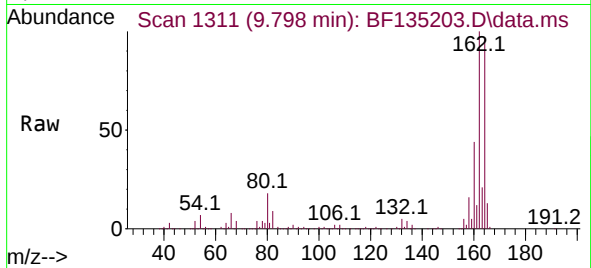




#57
2,4-Dinitrotoluene
Concen: 7.185 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

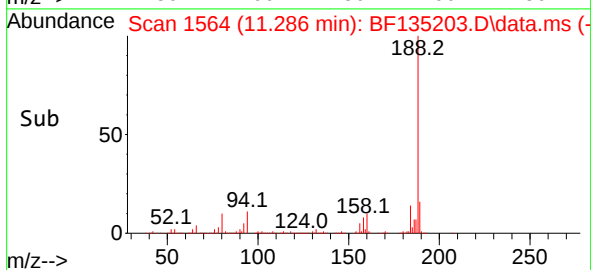
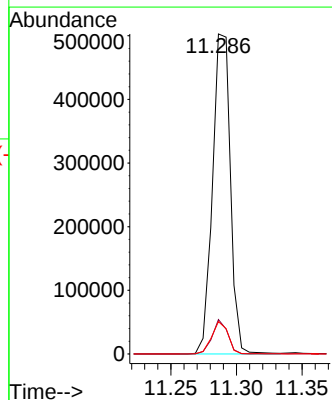
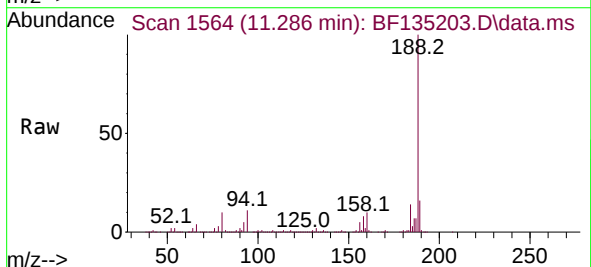
Instrument :
BNA_F
ClientSampleId :
MW-01

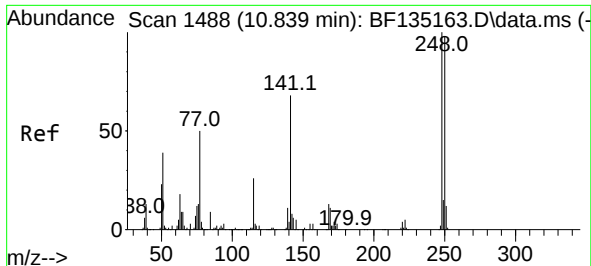
Tgt Ion:165 Resp: 32787
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:188 Resp: 476853
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 10.1 7.5 11.3

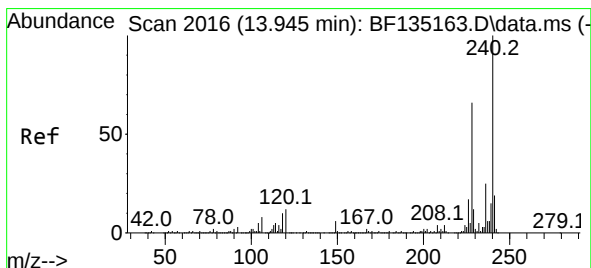
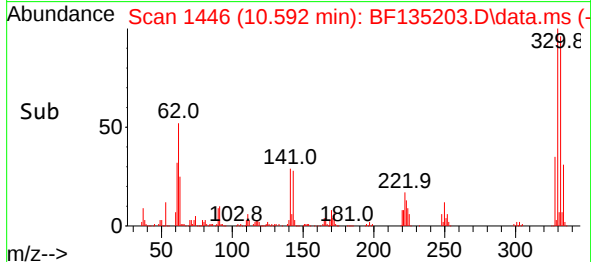
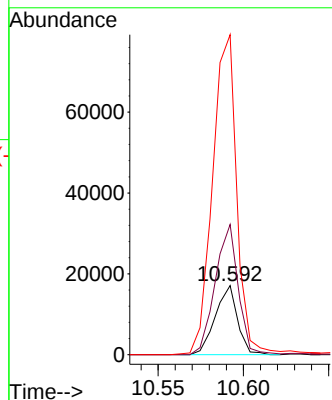
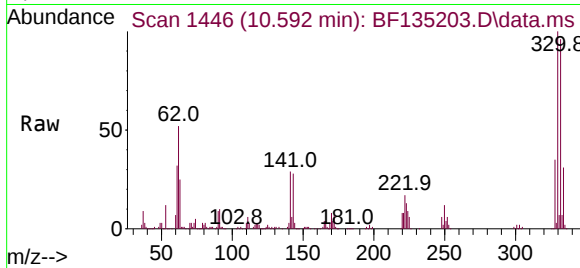




#67
4-Bromophenyl-phenylether
Concen: 3.265 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

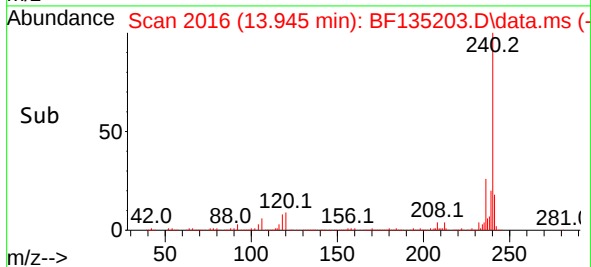
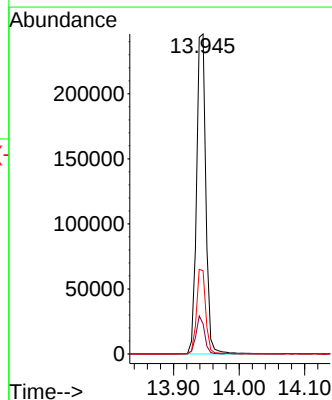
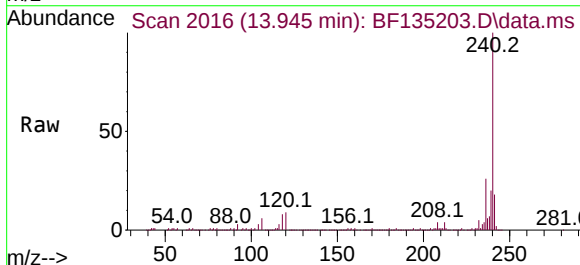
Instrument :
BNA_F
ClientSampleId :
MW-01

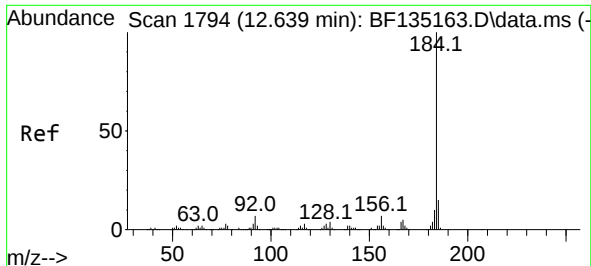
Tgt Ion:248 Resp: 15483
Ion Ratio Lower Upper
248 100
250 188.4 78.6 117.8#
141 462.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:240 Resp: 242632
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.2#
236 26.0 19.8 29.8

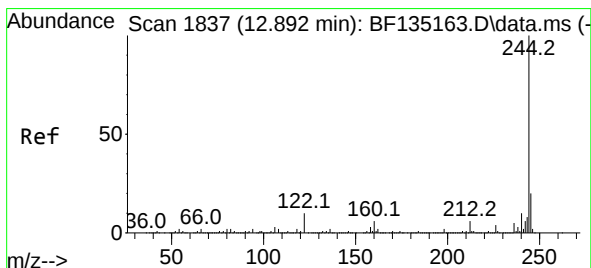
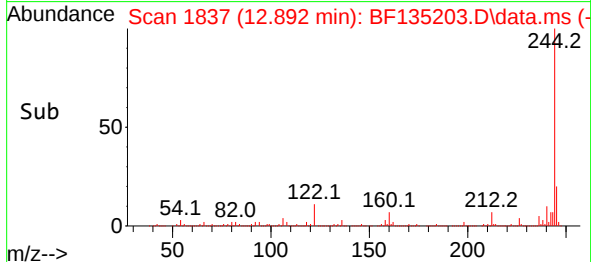
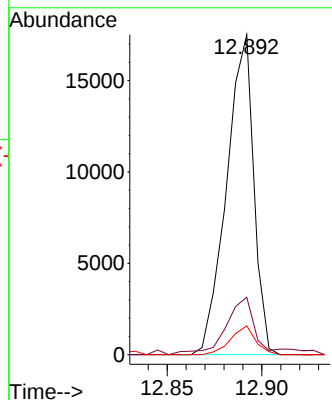
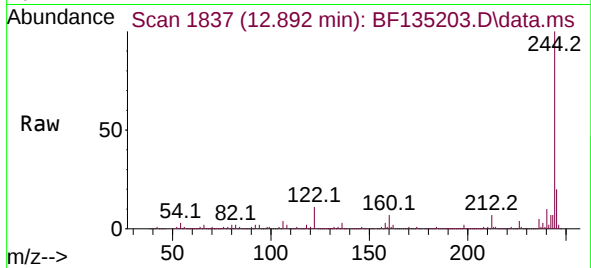




#77
Benzidine
Concen: 3.516 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

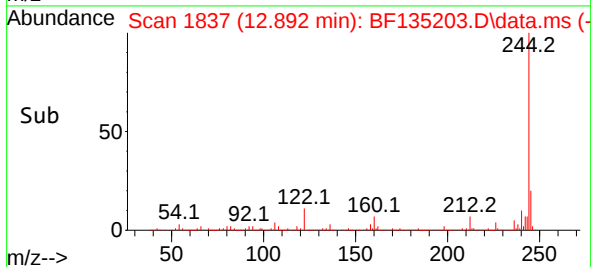
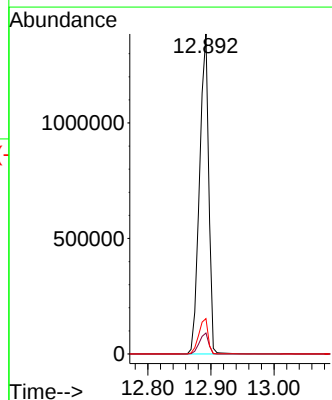
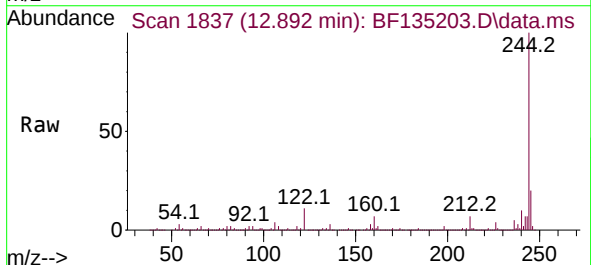
Instrument :
BNA_F
ClientSampleId :
MW-01

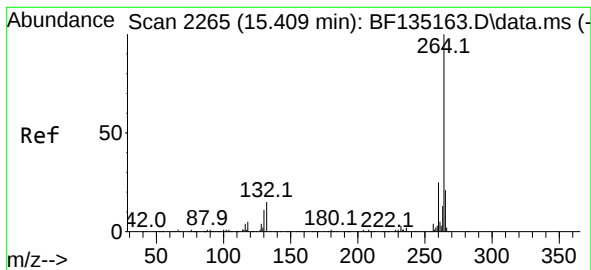
Tgt Ion:184 Resp: 17477
Ion Ratio Lower Upper
184 100
185 17.9 11.7 17.5#
183 9.0 8.2 12.4



#79
Terphenyl-d14
Concen: 89.075 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135203.D
Acq: 13 Sep 2023 03:25

Tgt Ion:244 Resp: 1394183
Ion Ratio Lower Upper
244 100
212 6.6 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: BF135203.D

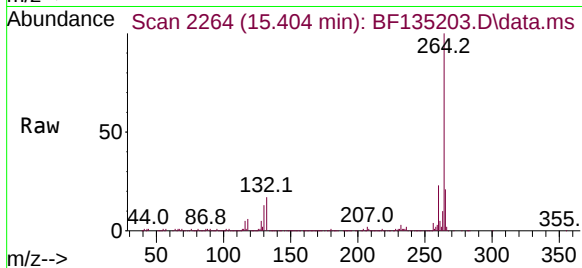
Acq: 13 Sep 2023 03:25

Instrument :

BNA_F

ClientSampleId :

MW-01



Tgt Ion:264 Resp: 247868

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 21.4 17.0 25.4

