

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135131.D
 Acq On : 07 Sep 2023 13:16
 Operator : CG\JU
 Sample : 04256-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

Quant Time: Sep 07 13:39:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

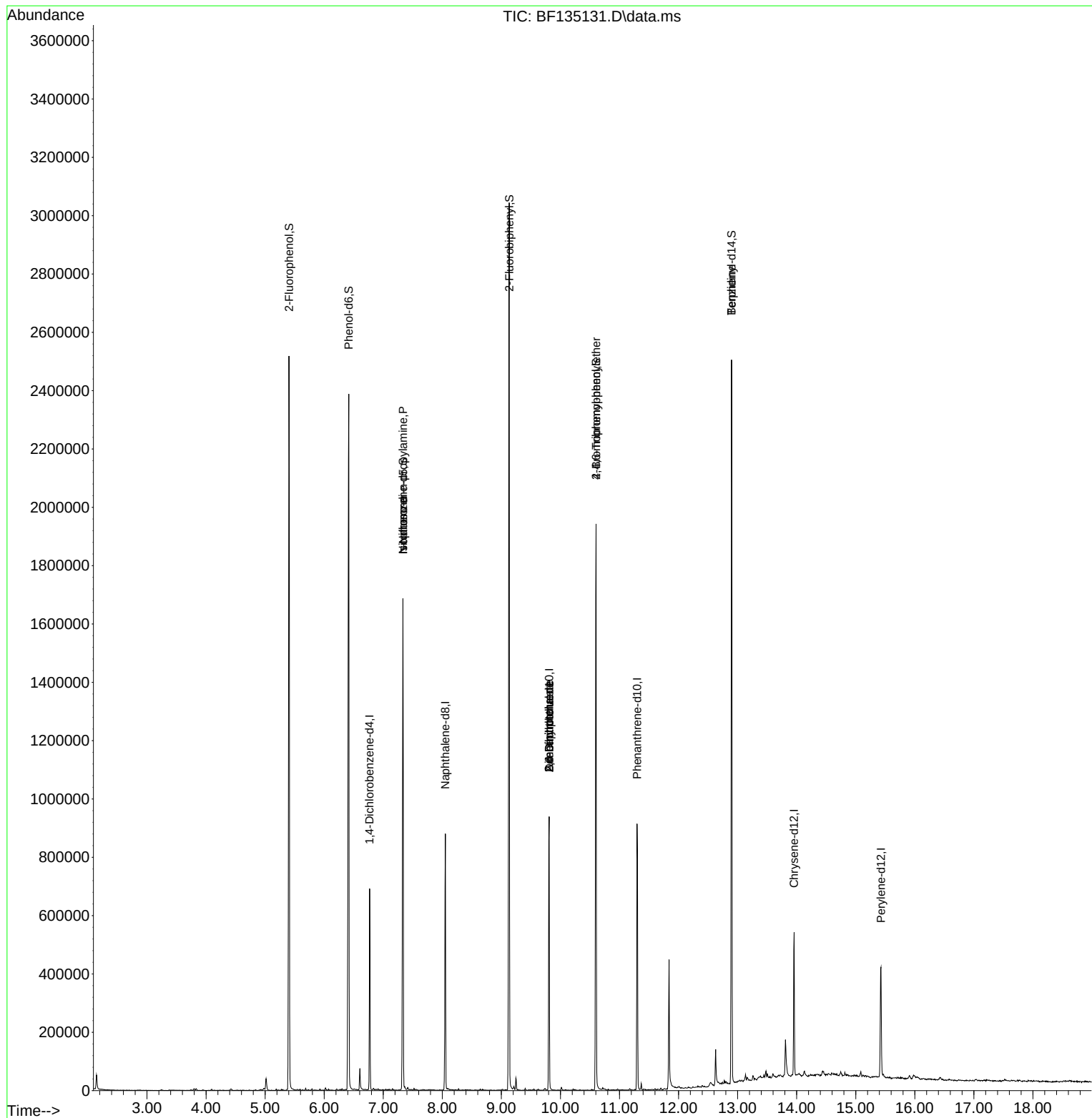
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89776	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	373767	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	192993	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	337718	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	165659	20.000	ng	0.00
86) Perylene-d12	15.427	264	181225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	705734	121.423	ng	0.00
7) Phenol-d6	6.416	99	867802	119.788	ng	0.00
23) Nitrobenzene-d5	7.334	82	544723	81.877	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	239070	116.776	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	980134	82.685	ng	0.00
79) Terphenyl-d14	12.898	244	881782	86.864	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	74569	17.329	ng	# 77
25) Isophorone	7.334	82	543622	43.097	ng	# 65
50) Dimethylphthalate	9.810	163	39691	2.937	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	24580	8.289	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	24580	6.652	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	15444	4.312	ng	# 1
77) Benzidine	12.898	184	10728	3.592	ng	# 91

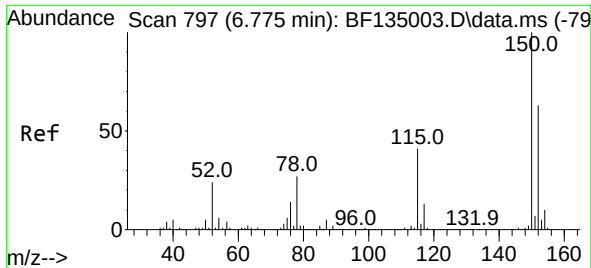
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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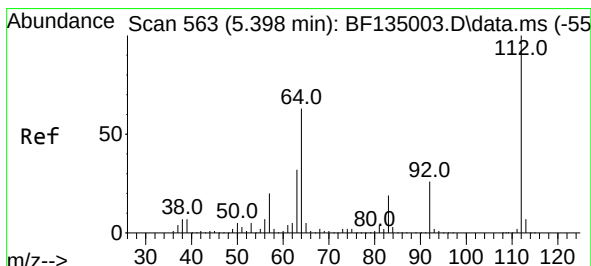
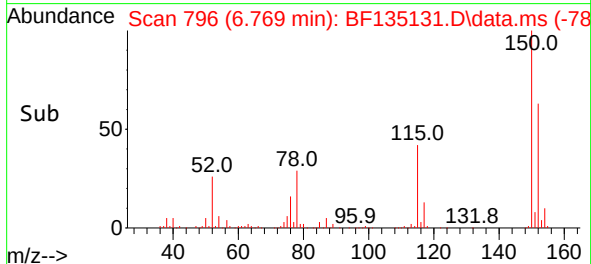
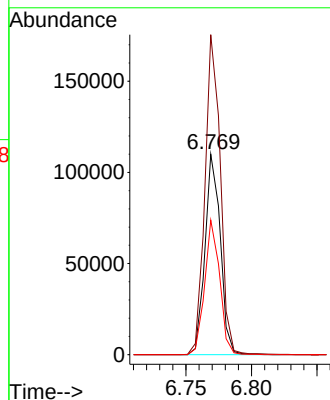
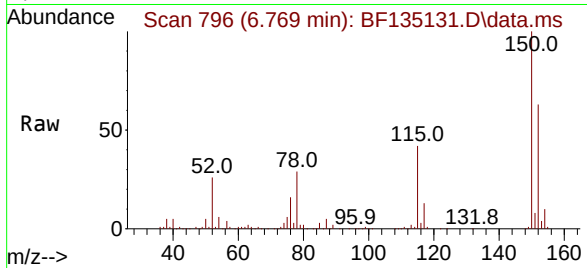




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

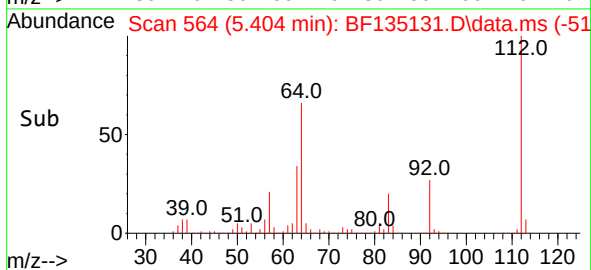
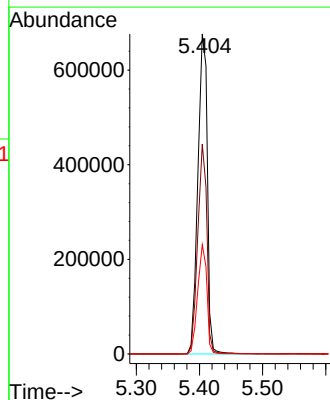
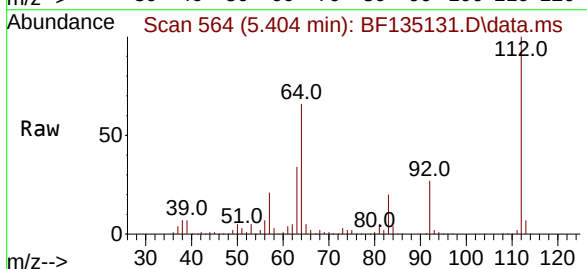
Instrument :
BNA_F
ClientSampleId :
MW-4-6

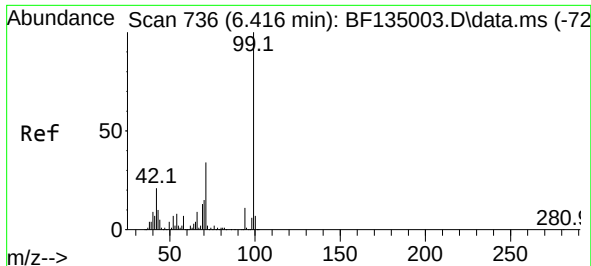
Tgt Ion:152 Resp: 89776
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.4
115 67.1 51.2 76.8



#5
2-Fluorophenol
Concen: 121.423 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion:112 Resp: 705734
Ion Ratio Lower Upper
112 100
64 65.6 50.5 75.7
63 34.2 25.9 38.9





#7
Phenol-d6
Concen: 119.788 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

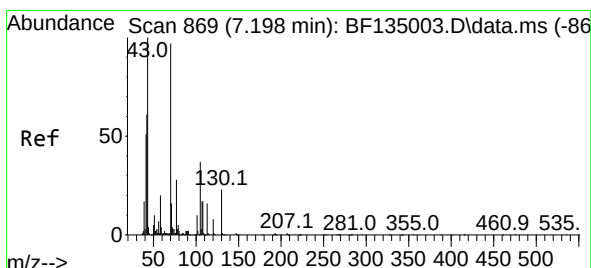
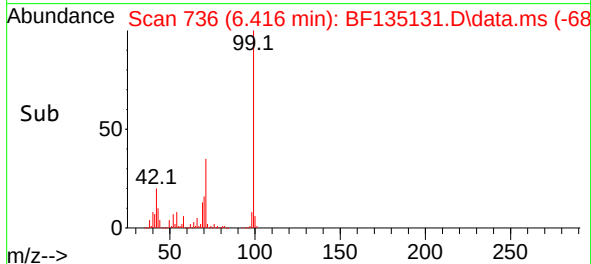
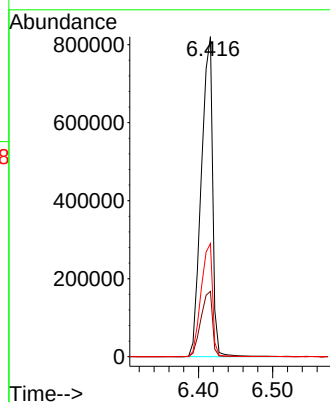
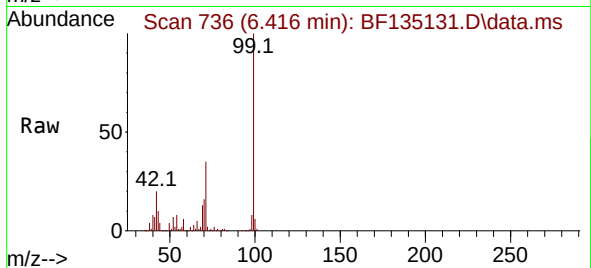
Instrument :

BNA_F

ClientSampleId :

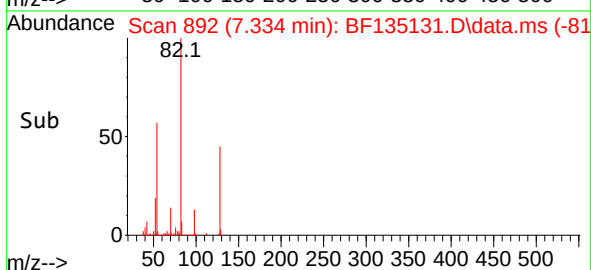
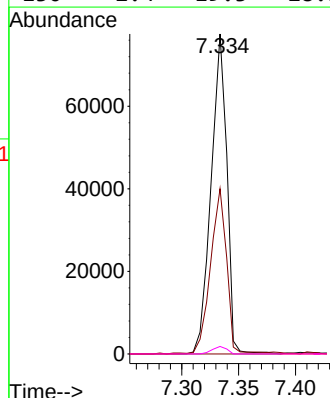
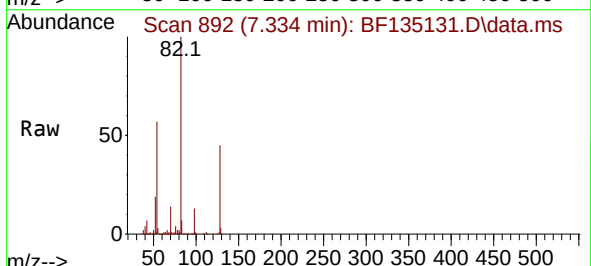
MW-4-6

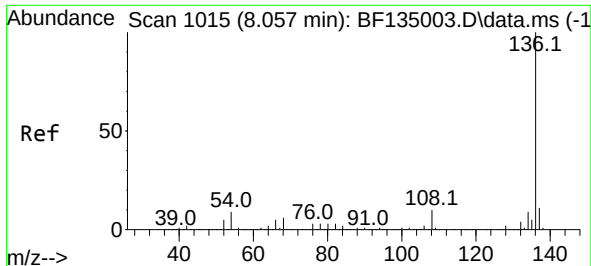
Tgt Ion: 99 Resp: 867802
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 35.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.329 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion: 70 Resp: 74569
Ion Ratio Lower Upper
70 100
42 51.7 50.2 75.4
101 0.0 8.1 12.1#
130 2.4 19.3 28.9#

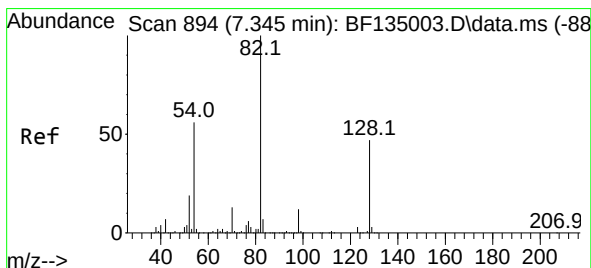
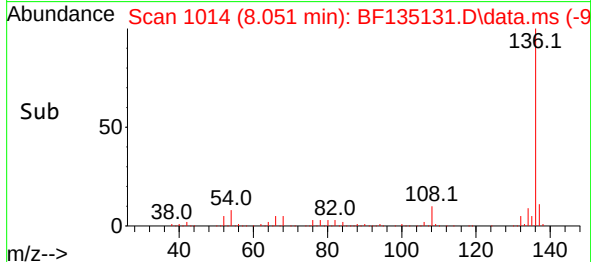
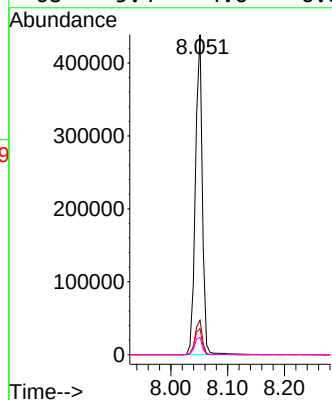
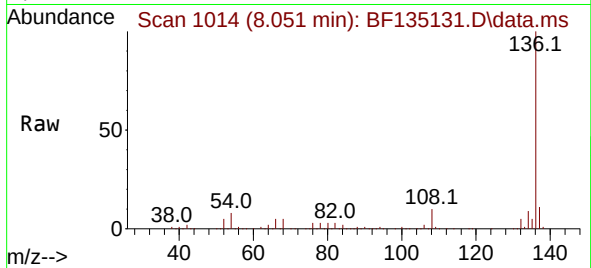




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

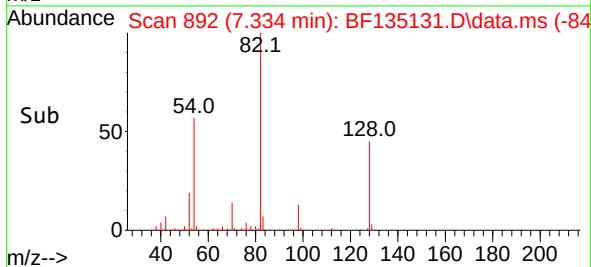
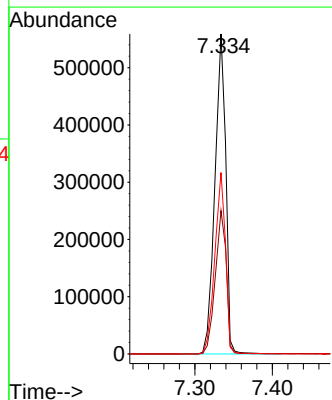
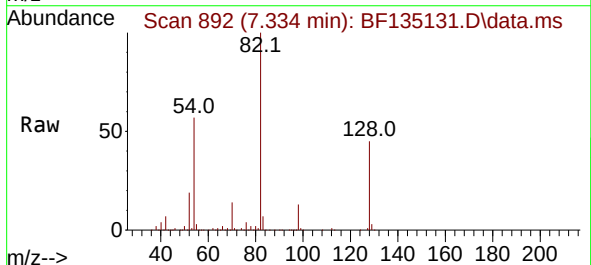
Instrument :
BNA_F
ClientSampleId :
MW-4-6

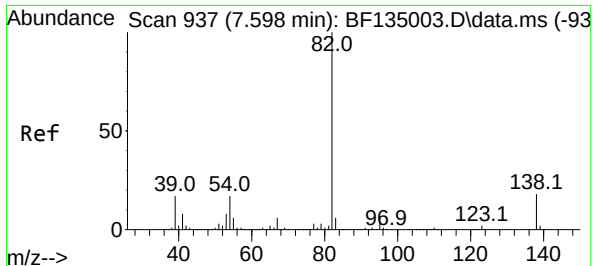
Tgt Ion:136 Resp: 373767
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 7.0 10.4
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.877 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion: 82 Resp: 544723
Ion Ratio Lower Upper
82 100
128 44.8 37.8 56.8
54 56.7 45.0 67.6

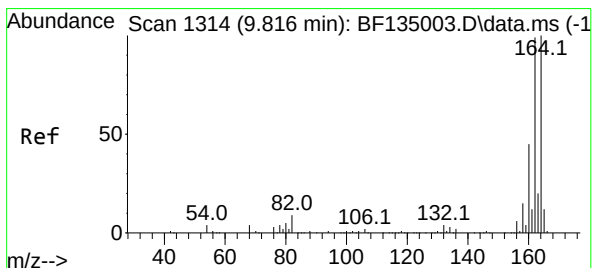
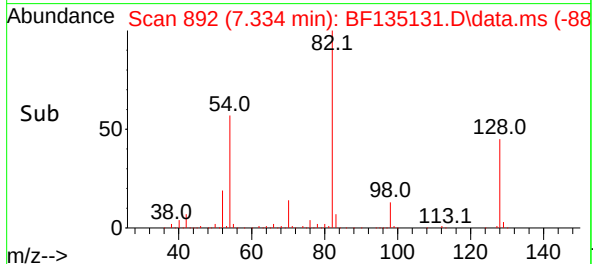
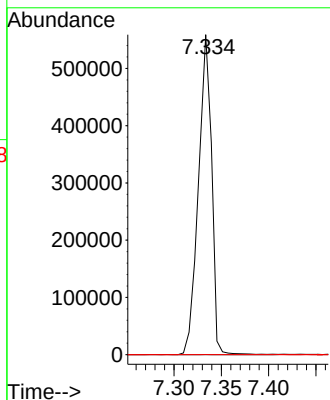
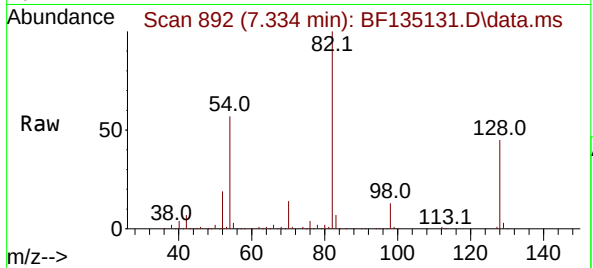




#25
Isophorone
Concen: 43.097 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

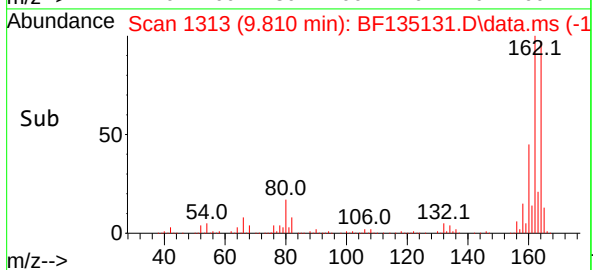
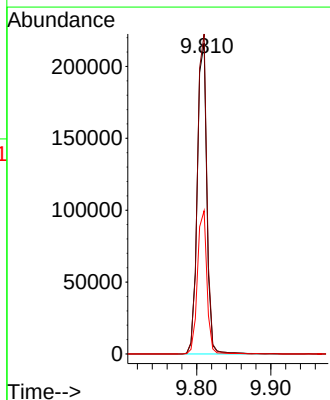
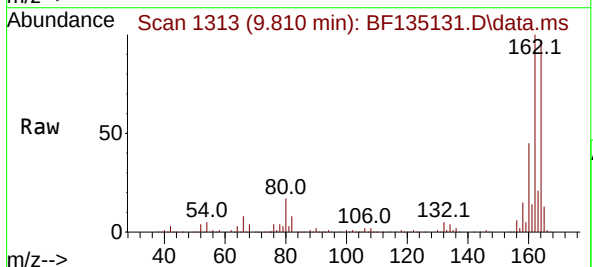
Instrument :
BNA_F
ClientSampleId :
MW-4-6

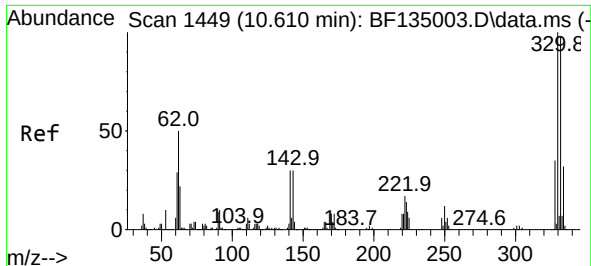
Tgt Ion: 82 Resp: 543622
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion: 164 Resp: 192993
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 46.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 116.776 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135131.D

Acq: 07 Sep 2023 13:16

Instrument :

BNA_F

ClientSampleId :

MW-4-6

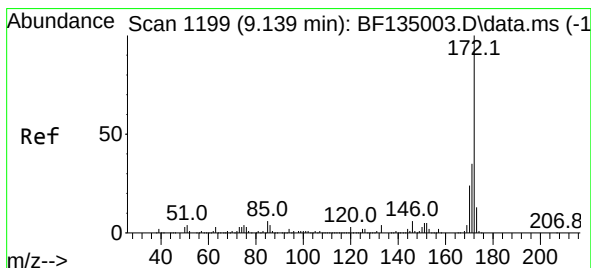
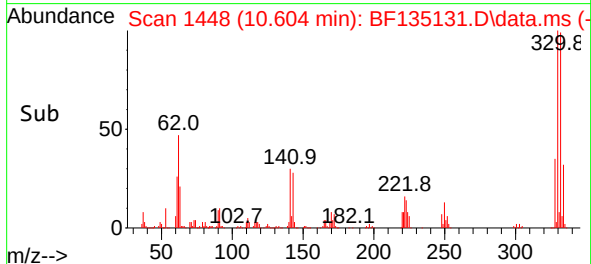
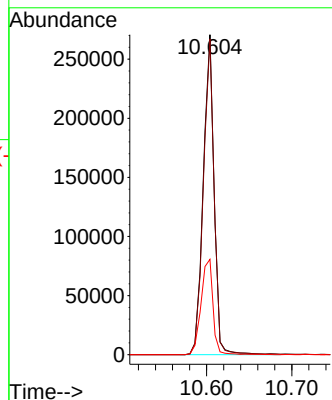
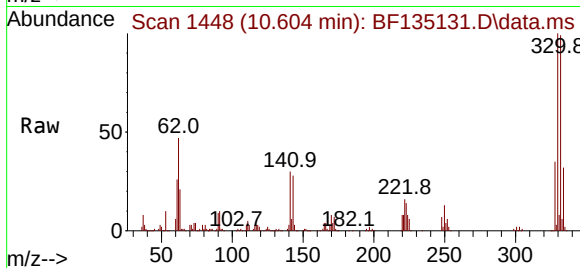
Tgt Ion:330 Resp: 239070

Ion Ratio Lower Upper

330 100

332 98.5 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 82.685 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135131.D

Acq: 07 Sep 2023 13:16

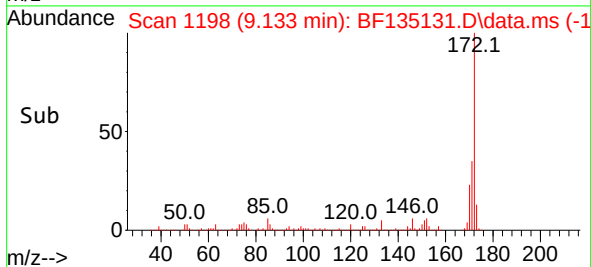
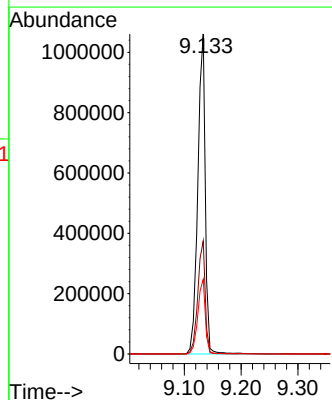
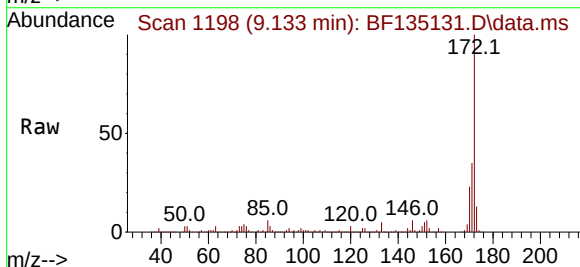
Tgt Ion:172 Resp: 980134

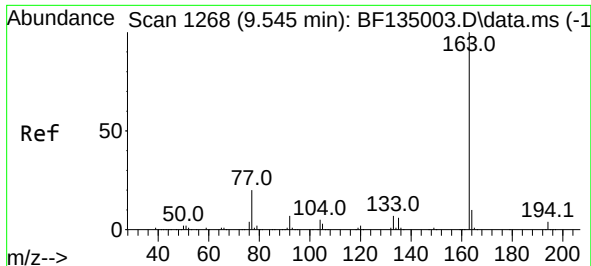
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 19.0 28.4

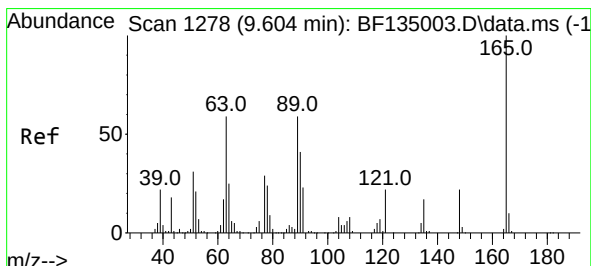
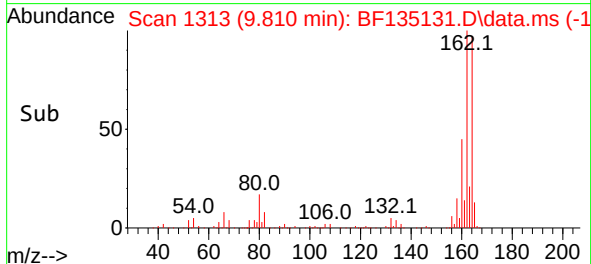
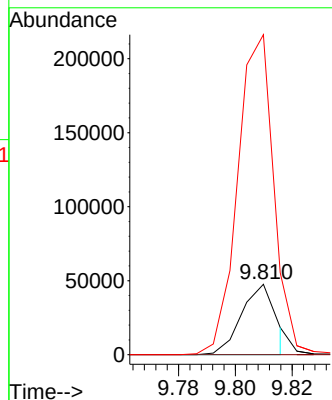
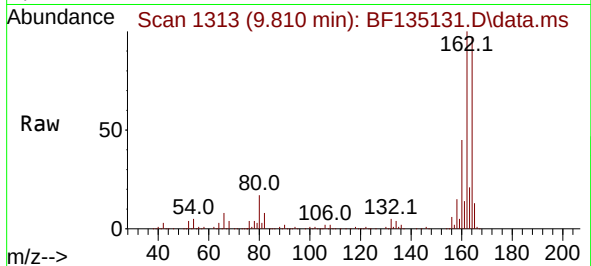




#50
Dimethylphthalate
Concen: 2.937 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

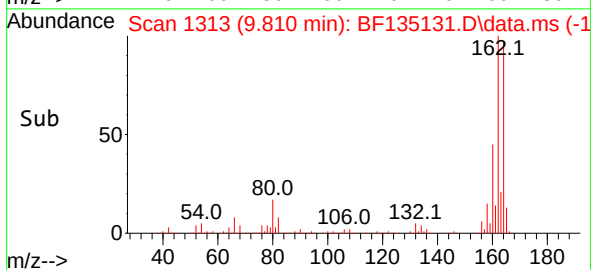
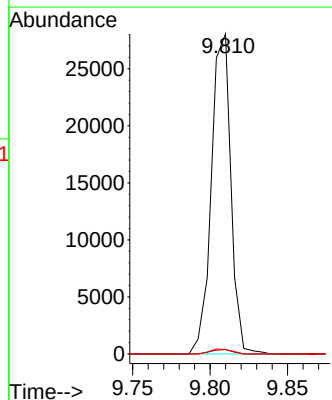
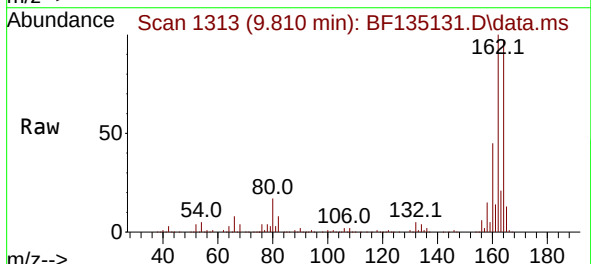
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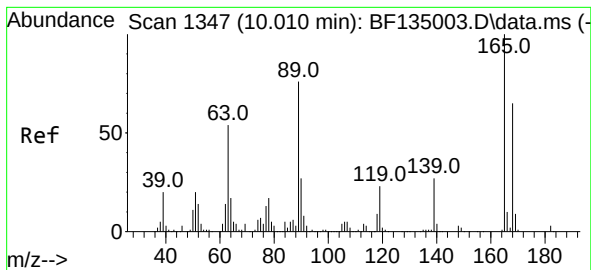
Tgt Ion:163 Resp: 39691
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 454.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.289 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion:165 Resp: 24580
Ion Ratio Lower Upper
165 100
63 1.3 50.4 75.6#
89 1.4 47.1 70.7#

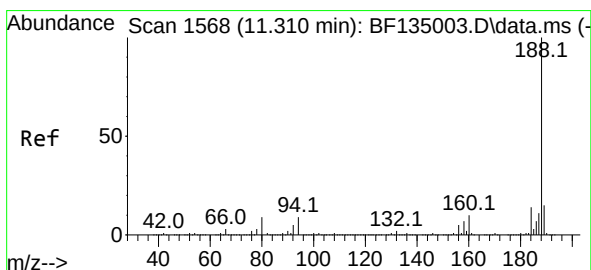
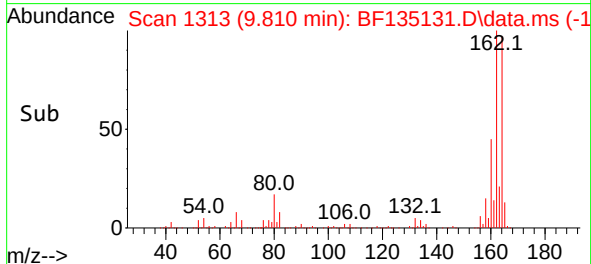
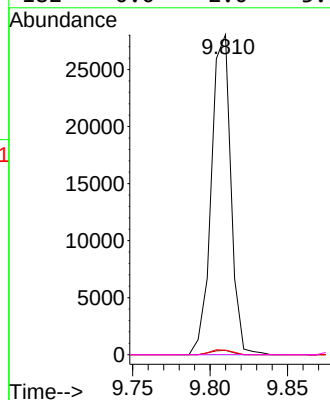
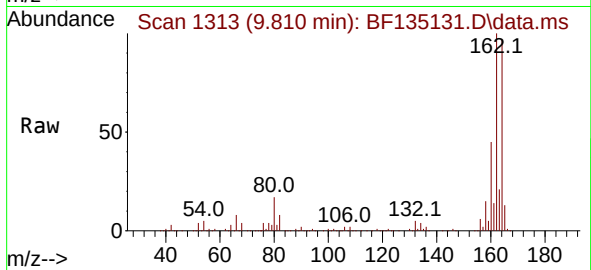




#57
2,4-Dinitrotoluene
Concen: 6.652 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

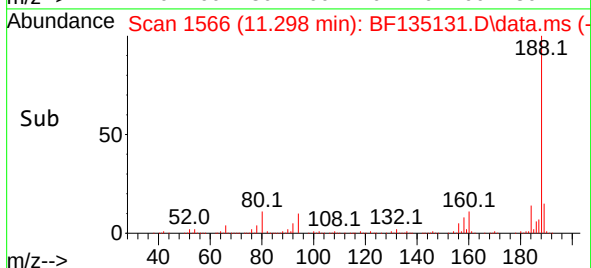
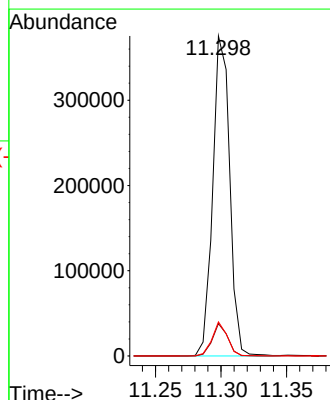
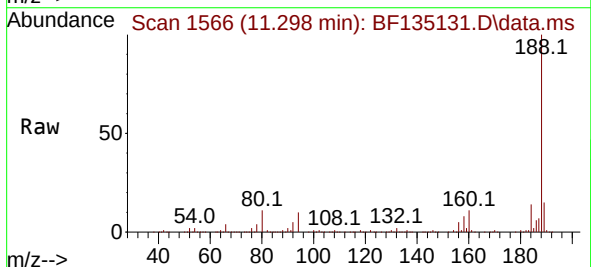
Instrument :
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MW-4-6

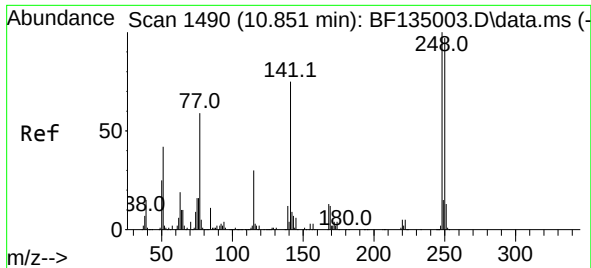
Tgt Ion:165 Resp: 24580
Ion Ratio Lower Upper
165 100
63 1.3 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion:188 Resp: 337718
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.6 7.4 11.2

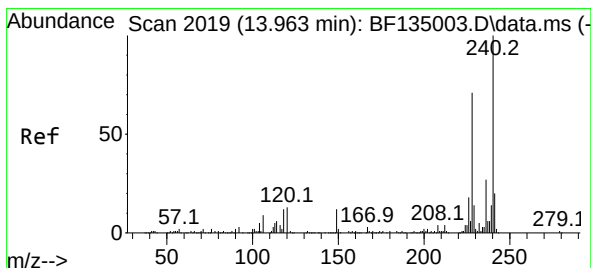
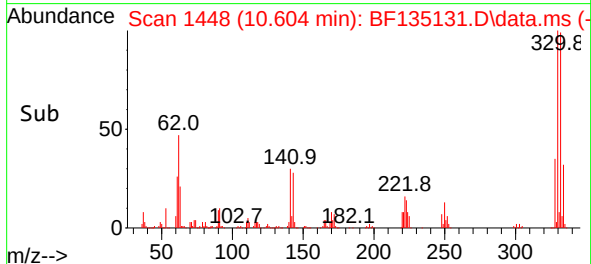
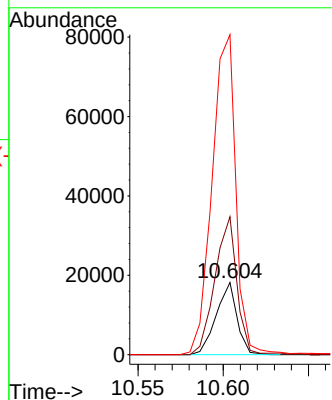
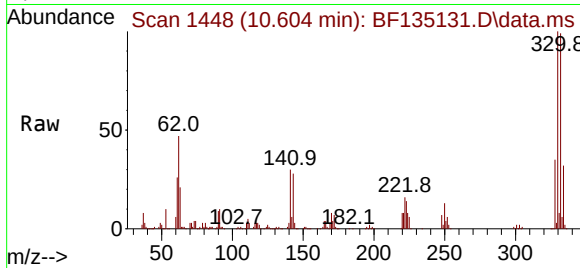




#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

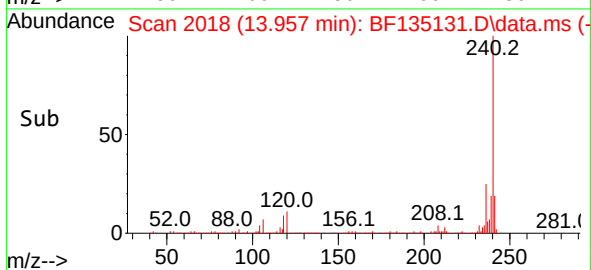
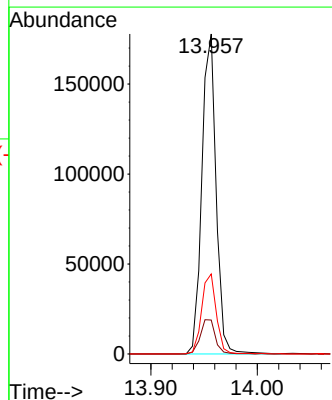
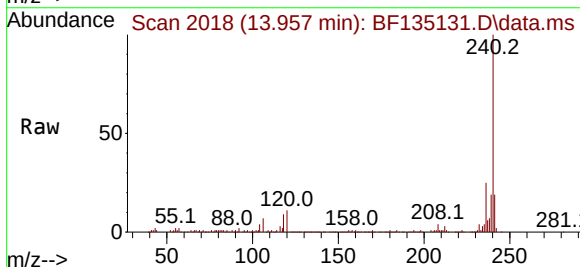
Instrument :
BNA_F
ClientSampleId :
MW-4-6

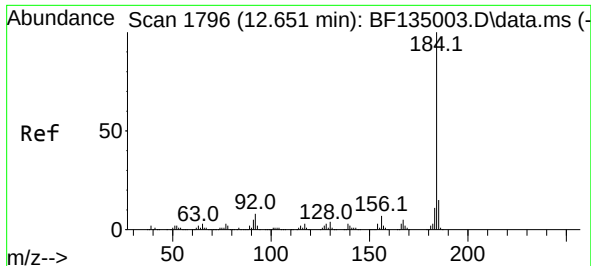
Tgt Ion:248 Resp: 15444
Ion Ratio Lower Upper
248 100
250 190.9 77.9 116.9#
141 443.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion:240 Resp: 165659
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 25.0 21.3 31.9

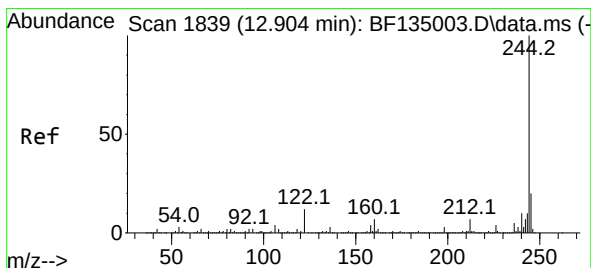
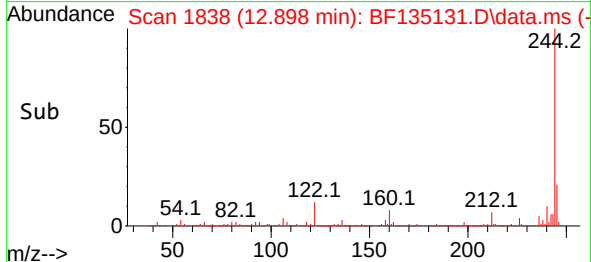
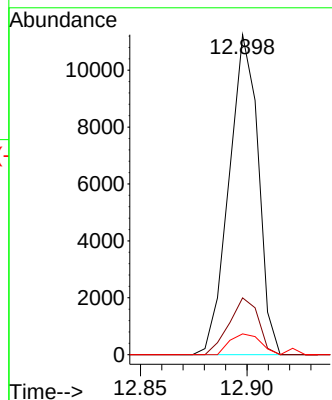
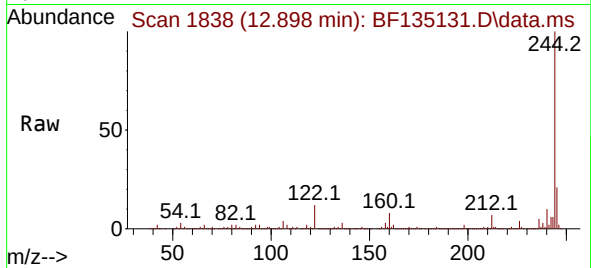




#77
Benzidine
Concen: 3.592 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

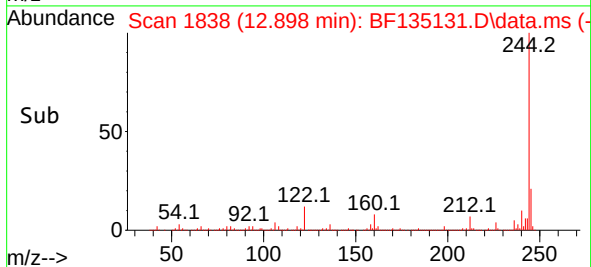
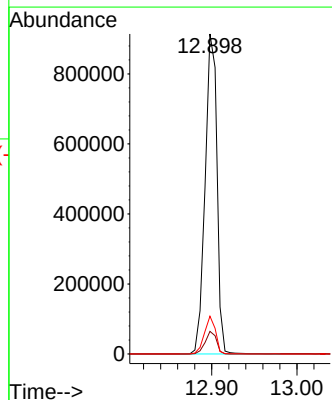
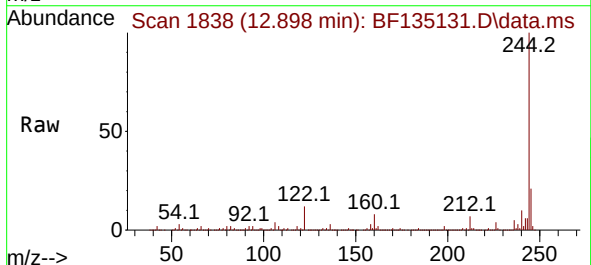
Instrument :
BNA_F
ClientSampleId :
MW-4-6

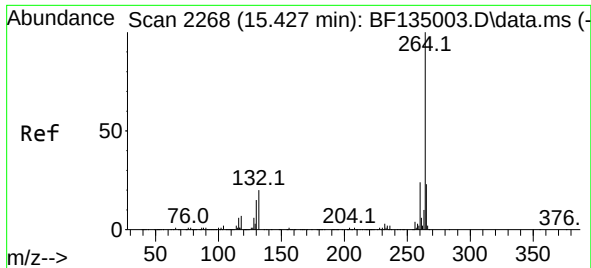
Tgt Ion:184 Resp: 10728
Ion Ratio Lower Upper
184 100
185 17.7 12.0 18.0
183 6.5 9.0 13.6#



#79
Terphenyl-d14
Concen: 86.864 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135131.D
Acq: 07 Sep 2023 13:16

Tgt Ion:244 Resp: 881782
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.8 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135131.D
 Acq: 07 Sep 2023 13:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

Tgt Ion:264 Resp: 181225
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.7 18.2 27.2

