

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135204.D
 Acq On : 13 Sep 2023 03:56
 Operator : CG\JU
 Sample : 04299-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-01

Quant Time: Sep 13 07:41:55 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)

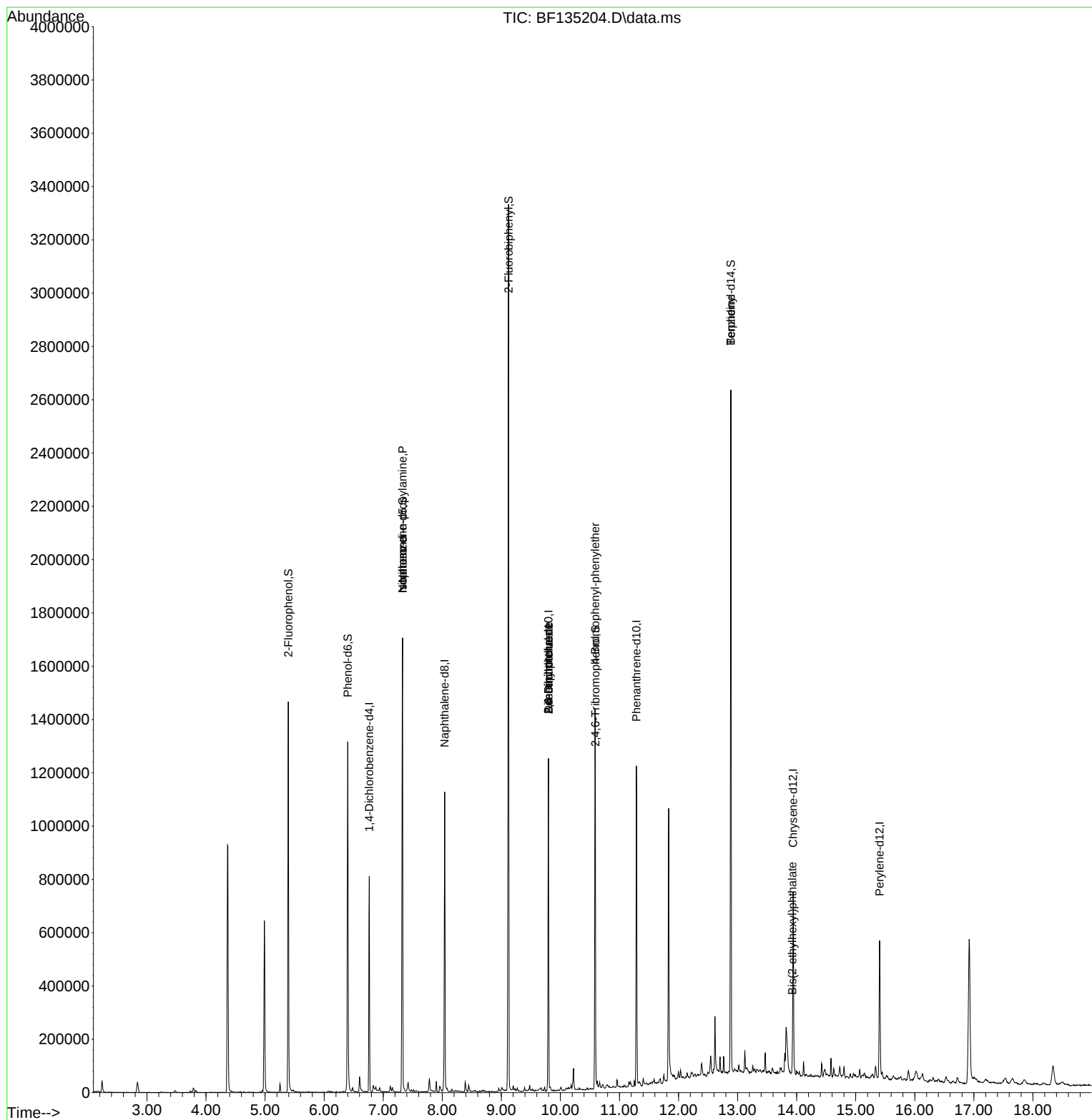
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	113613	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	446201	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	232701	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	459514	20.000	ng	0.00
76) Chrysene-d12	13.939	240	231252	20.000	ng	0.00
86) Perylene-d12	15.404	264	237620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	349392	50.018	ng	0.00
7) Phenol-d6	6.398	99	388662	43.757	ng	0.00
23) Nitrobenzene-d5	7.328	82	533976	65.017	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	166992	72.213	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	985749	63.911	ng	0.00
79) Terphenyl-d14	12.886	244	879385	58.949	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	73111	13.289	ng	# 76
25) Isophorone	7.328	82	531427	35.238	ng	# 65
50) Dimethylphthalate	9.798	163	47908	3.045	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29426	8.538	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	29426	6.820	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	10225	2.237	ng	# 1
77) Benzidine	12.886	184	11401	2.406	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.927	149	22663	2.849	ng	# 97

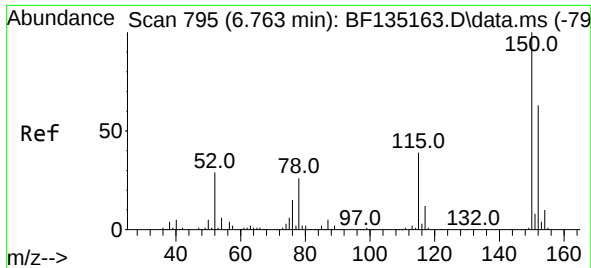
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 00:19:07 2023
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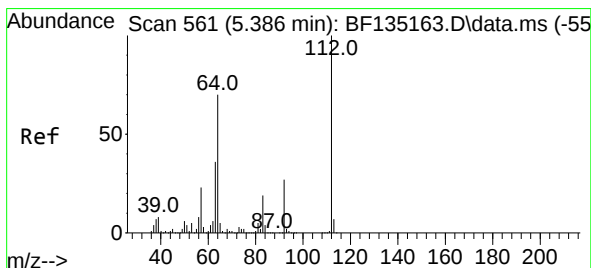
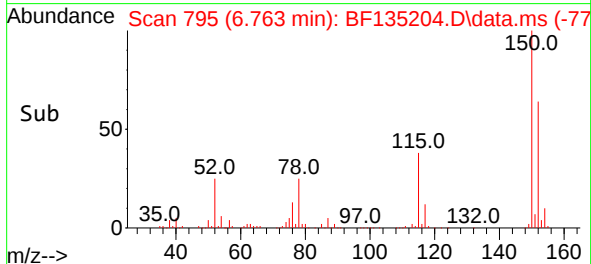
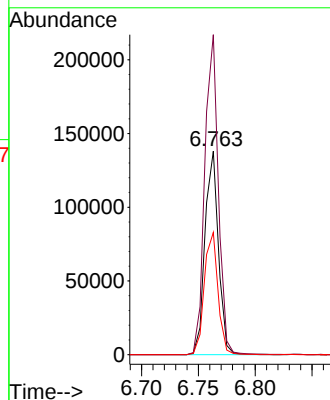
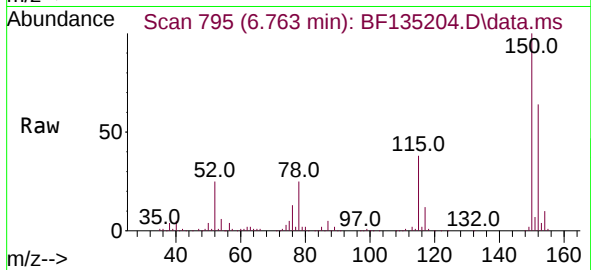




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

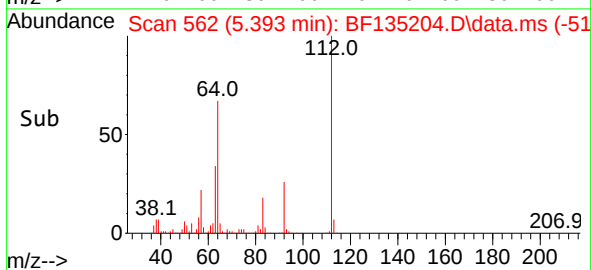
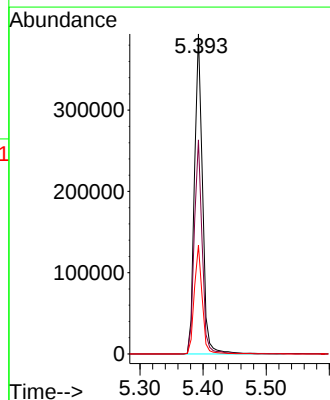
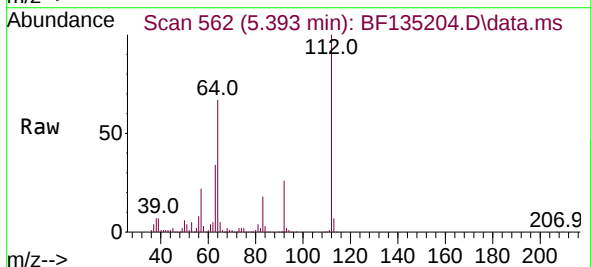
Instrument :
BNA_F
ClientSampleId :
TWP-01

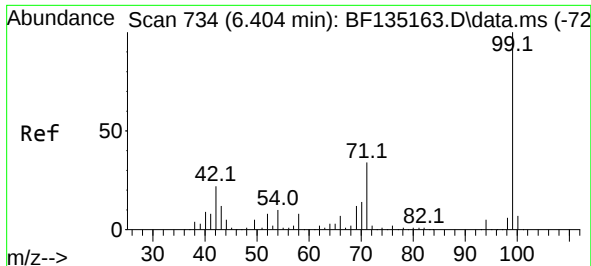
Tgt Ion:152 Resp: 113613
Ion Ratio Lower Upper
152 100
150 157.3 127.8 191.6
115 60.1 49.8 74.8



#5
2-Fluorophenol
Concen: 50.018 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion:112 Resp: 349392
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 33.9 29.0 43.6

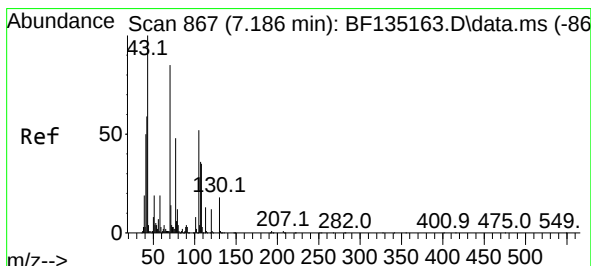
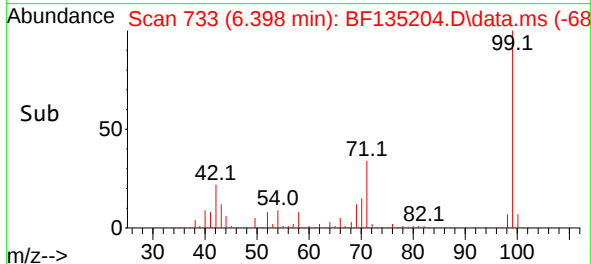
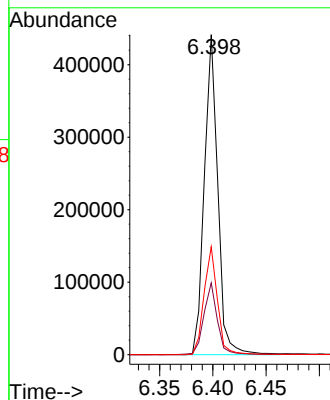
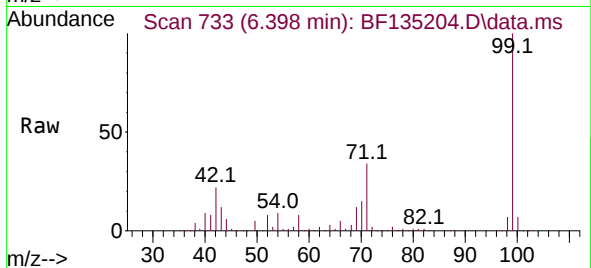




#7
Phenol-d6
Concen: 43.757 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

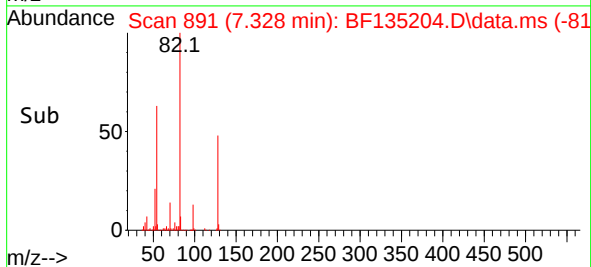
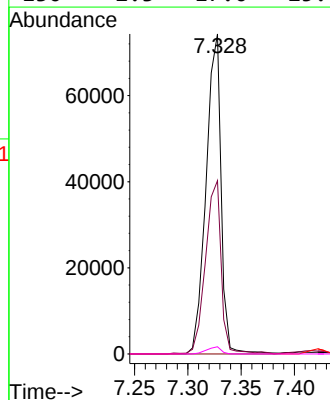
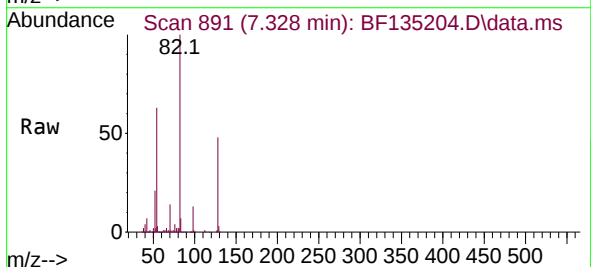
Instrument :
BNA_F
ClientSampleId :
TWP-01

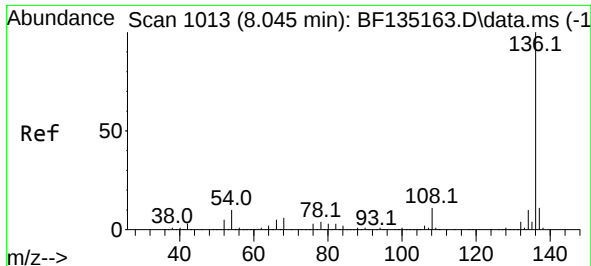
Tgt Ion: 99 Resp: 388662
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 33.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.289 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion: 70 Resp: 73111
Ion Ratio Lower Upper
70 100
42 54.2 55.4 83.0#
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

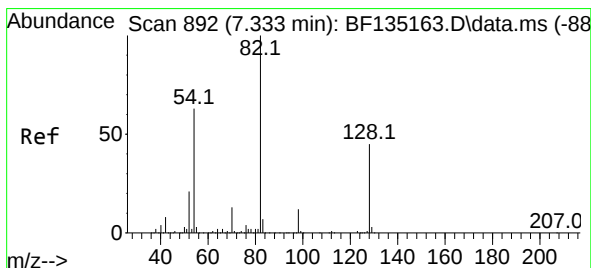
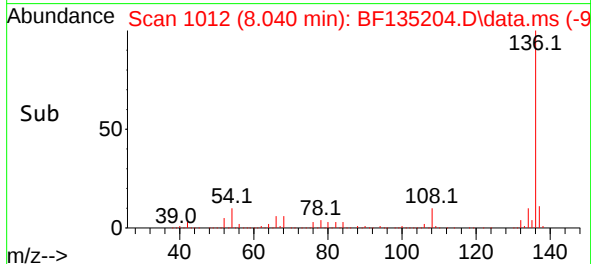
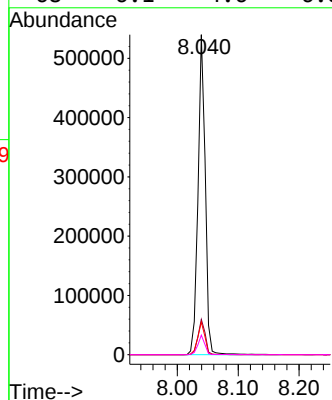
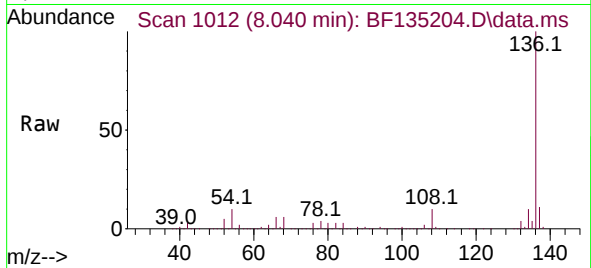




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

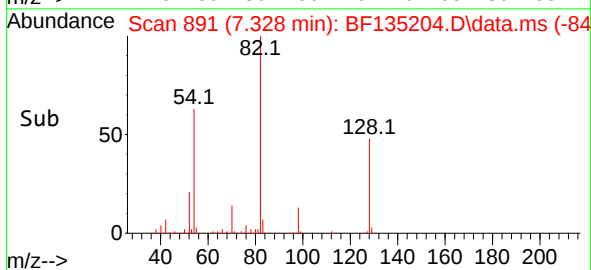
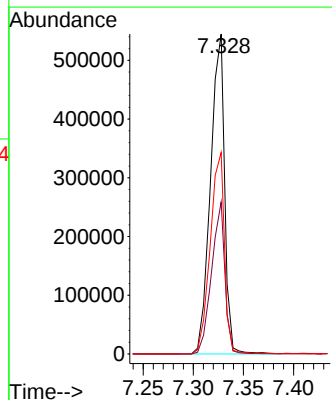
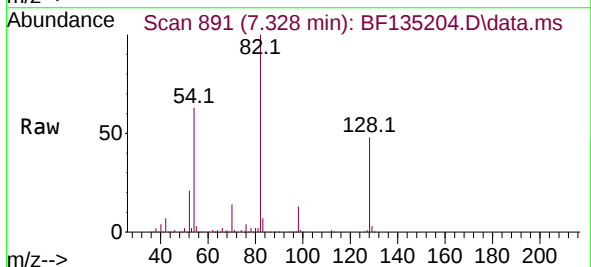
Instrument :
BNA_F
ClientSampleId :
TWP-01

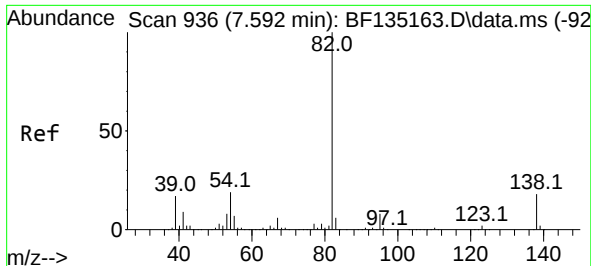
Tgt Ion:136 Resp: 446201
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 65.017 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion: 82 Resp: 533976
Ion Ratio Lower Upper
82 100
128 47.5 35.8 53.6
54 62.9 50.6 76.0

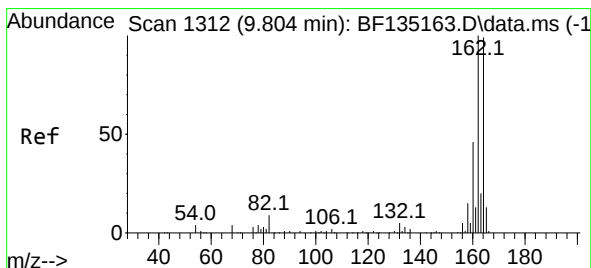
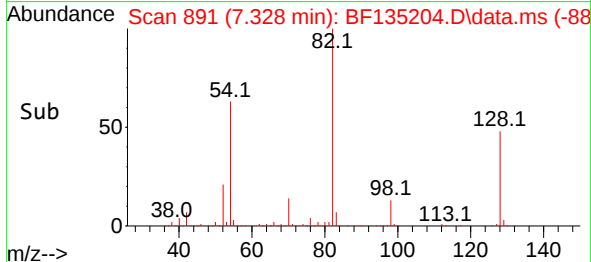
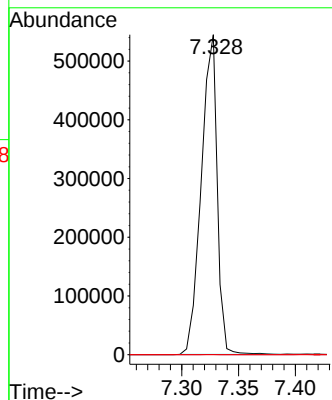
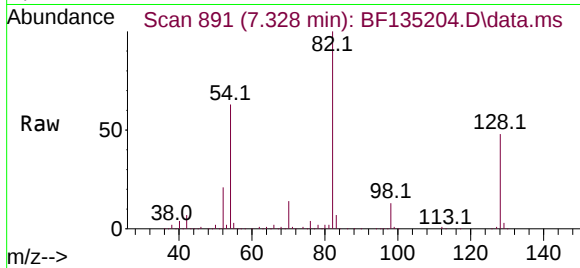




#25
Isophorone
Concen: 35.238 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

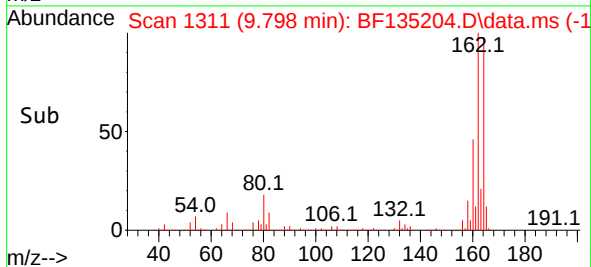
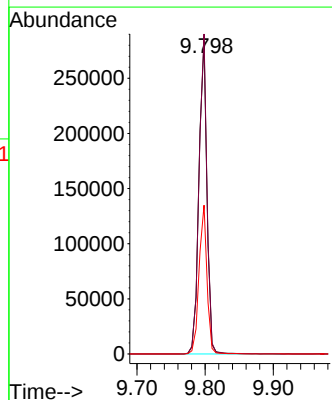
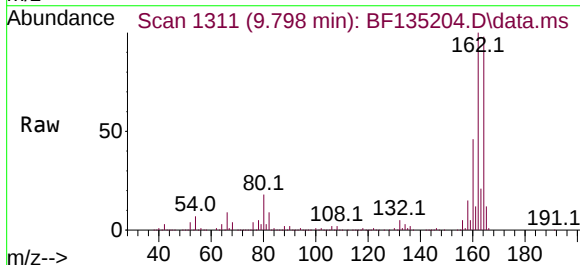
Instrument :
BNA_F
ClientSampleId :
TWP-01

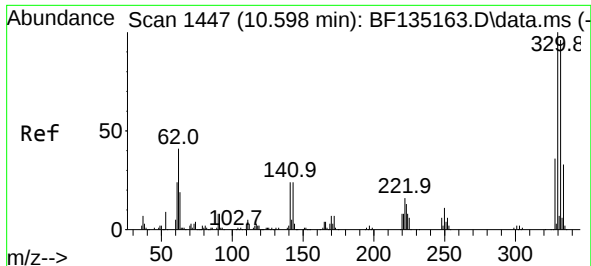
Tgt Ion: 82 Resp: 531427
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion:164 Resp: 232701
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 47.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 72.213 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135204.D

Acq: 13 Sep 2023 03:56

Instrument :

BNA_F

ClientSampleId :

TWP-01

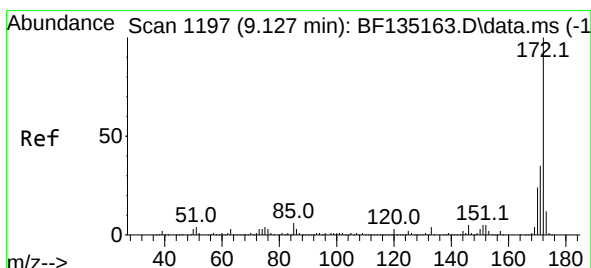
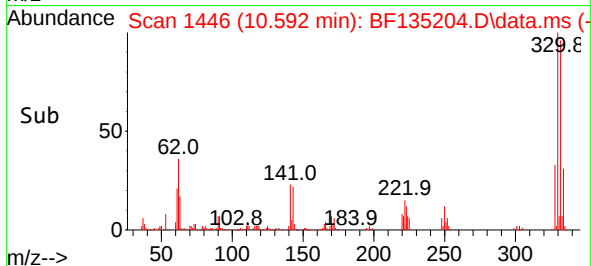
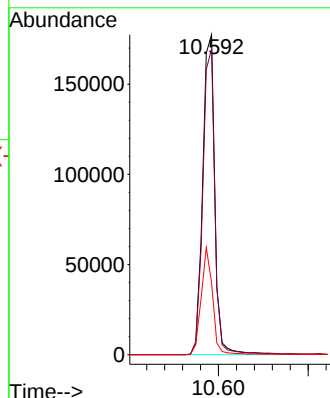
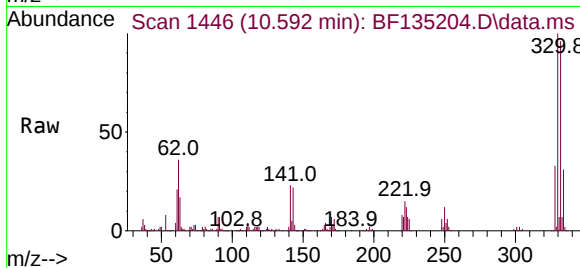
Tgt Ion:330 Resp: 166992

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

141 31.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 63.911 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135204.D

Acq: 13 Sep 2023 03:56

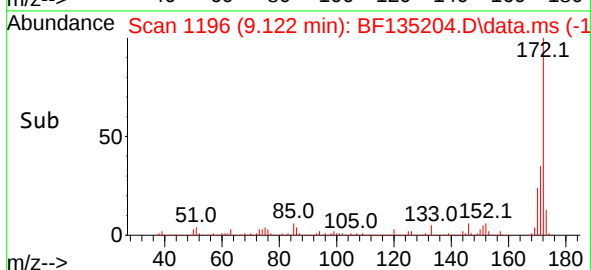
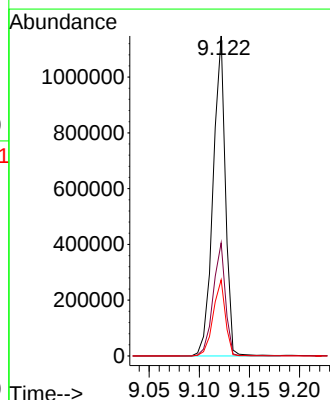
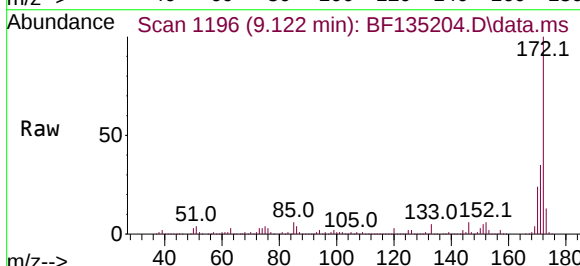
Tgt Ion:172 Resp: 985749

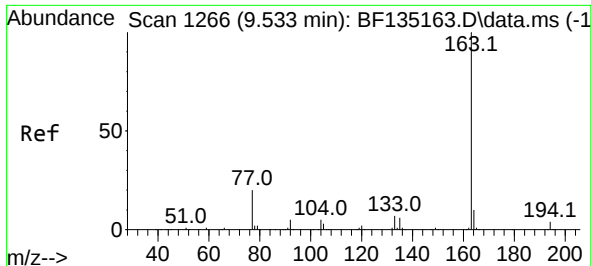
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.0 28.4

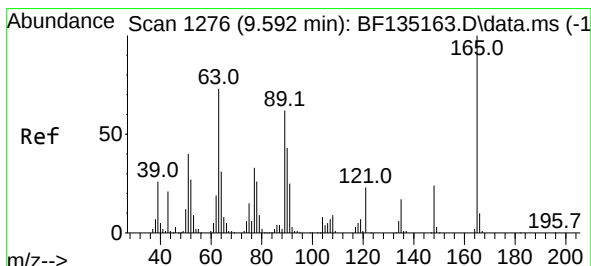
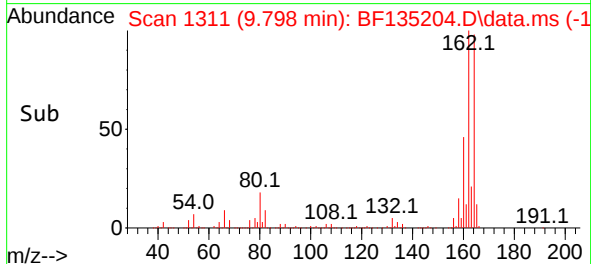
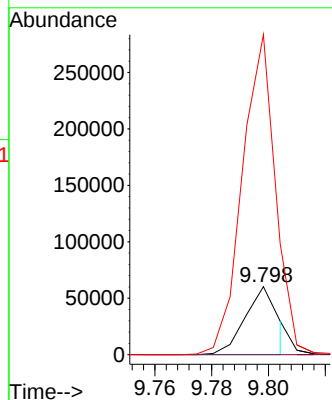
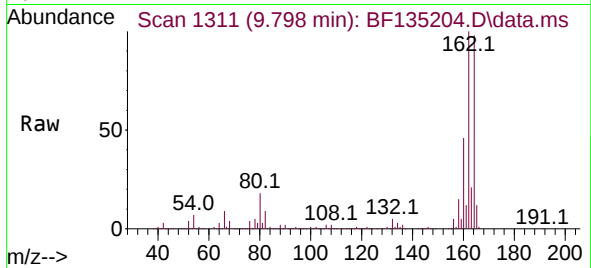




#50
Dimethylphthalate
Concen: 3.045 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

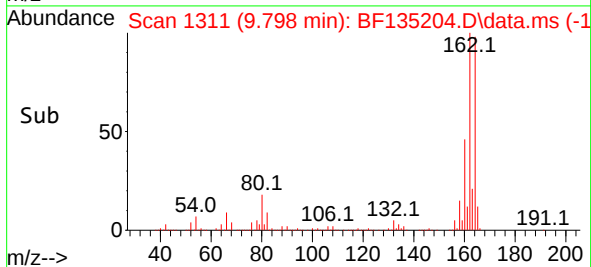
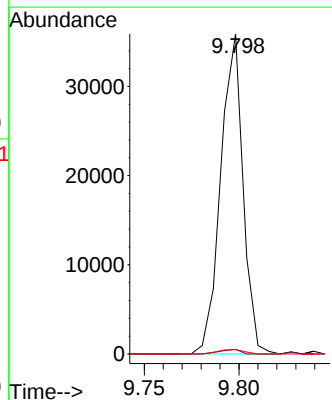
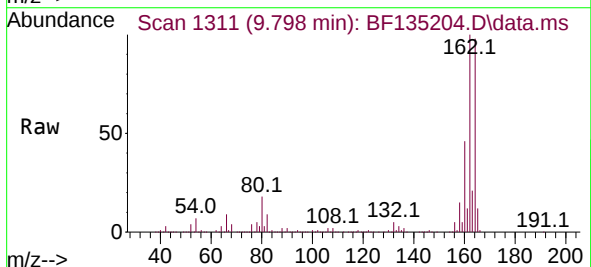
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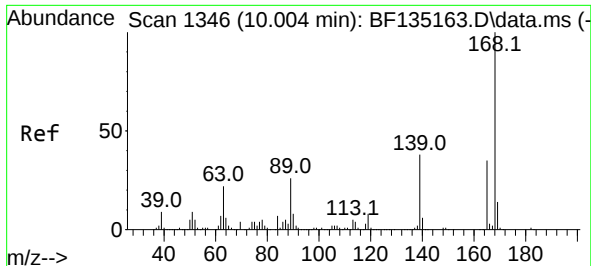
Tgt Ion:163 Resp: 47908
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 471.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.538 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion:165 Resp: 29426
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.2#
89 1.3 49.8 74.8#

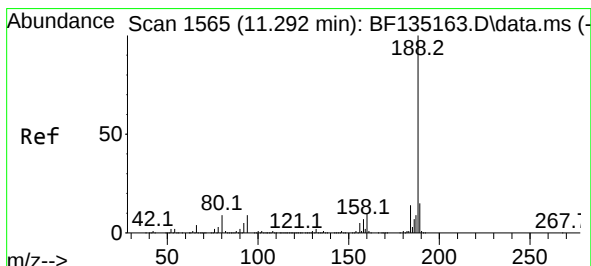
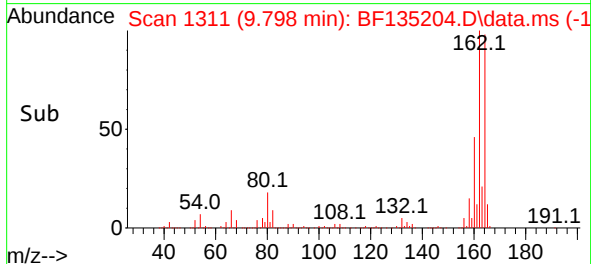
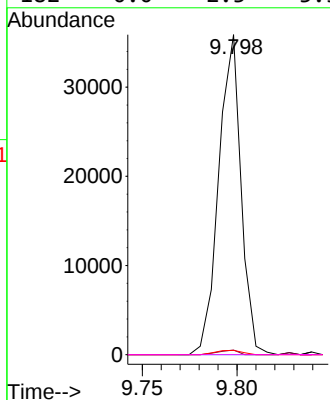
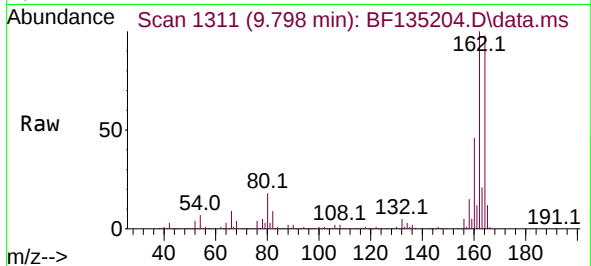




#57
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

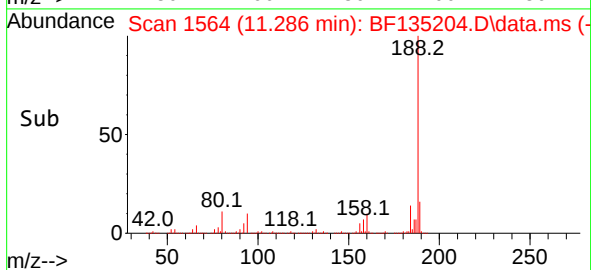
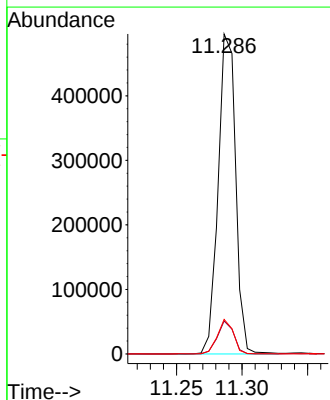
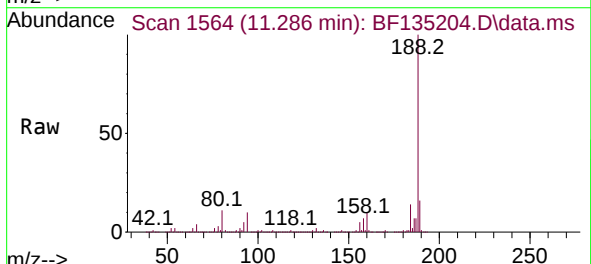
Instrument :
BNA_F
ClientSampleId :
TWP-01

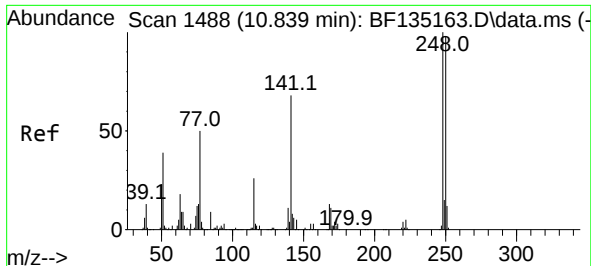
Tgt Ion:165 Resp: 29426
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion:188 Resp: 459514
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.8 7.5 11.3

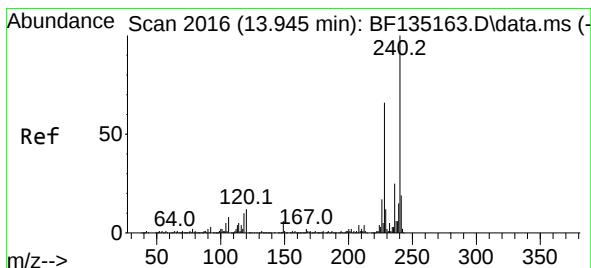
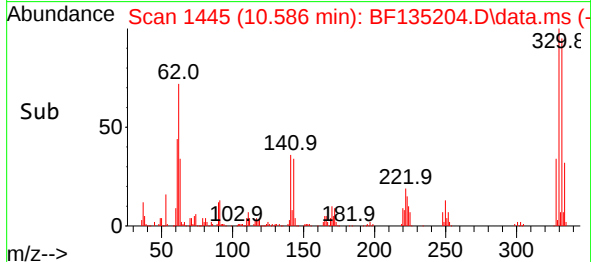
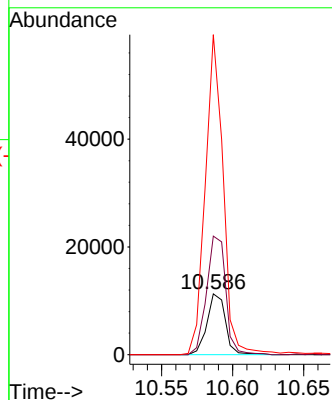
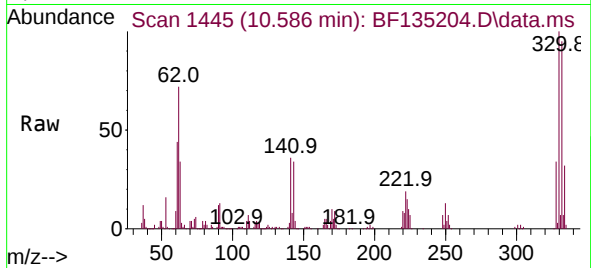




#67
4-Bromophenyl-phenylether
Concen: 2.237 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

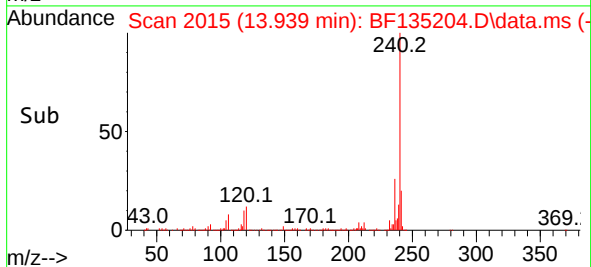
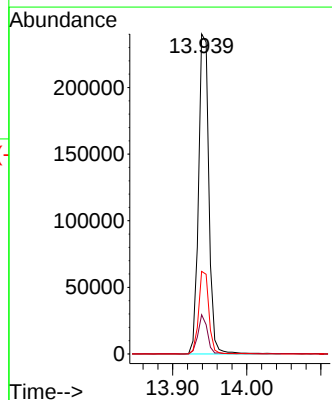
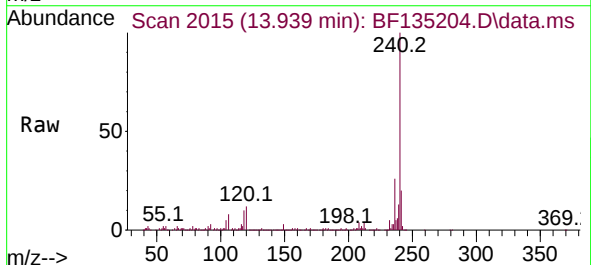
Instrument :
BNA_F
ClientSampleId :
TWP-01

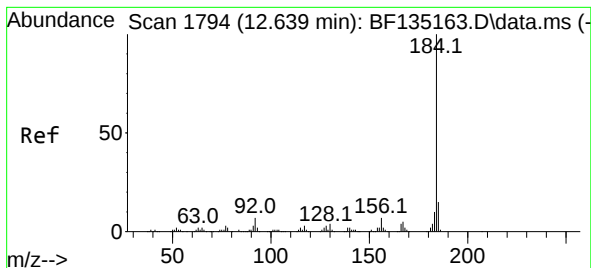
Tgt Ion:248 Resp: 10225
Ion Ratio Lower Upper
248 100
250 194.7 78.6 117.8#
141 525.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion:240 Resp: 231252
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.8 19.8 29.8





#77

Benzidine

Concen: 2.406 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135204.D

Acq: 13 Sep 2023 03:56

Instrument :

BNA_F

ClientSampleId :

TWP-01

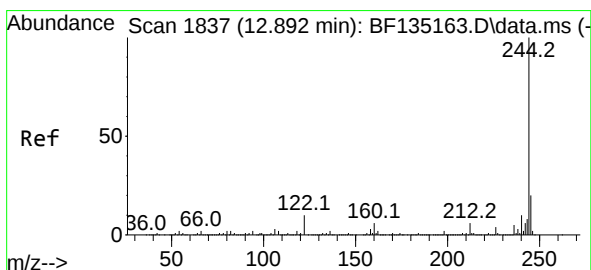
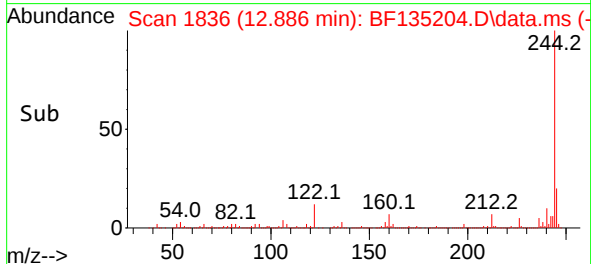
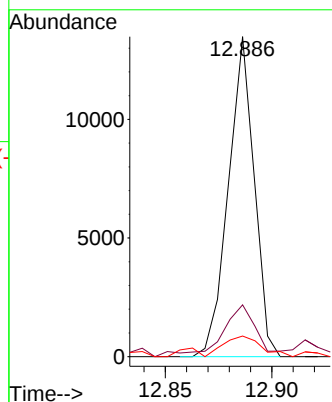
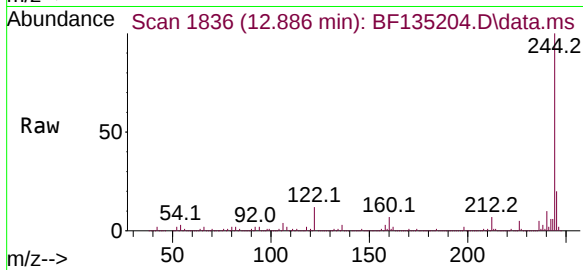
Tgt Ion:184 Resp: 11401

Ion Ratio Lower Upper

184 100

185 16.2 11.7 17.5

183 6.4 8.2 12.4#



#79

Terphenyl-d14

Concen: 58.949 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135204.D

Acq: 13 Sep 2023 03:56

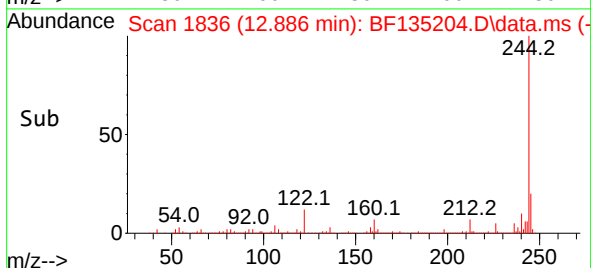
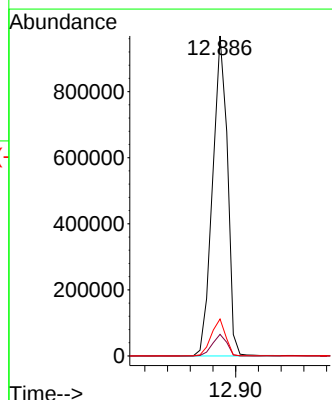
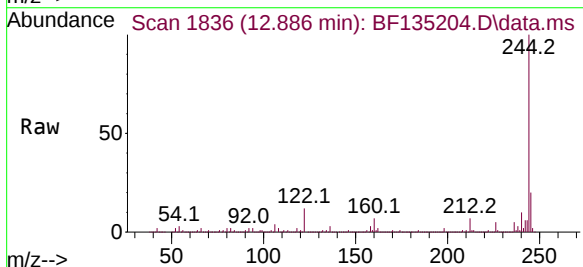
Tgt Ion:244 Resp: 879385

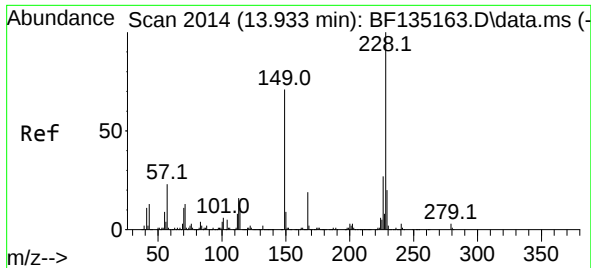
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.5 7.9 11.9

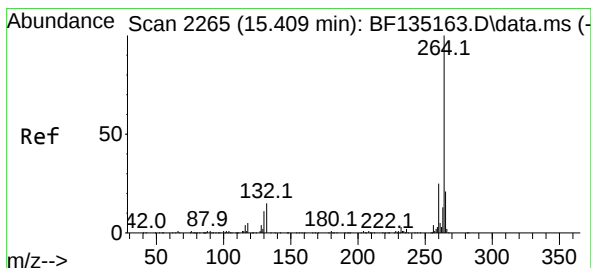
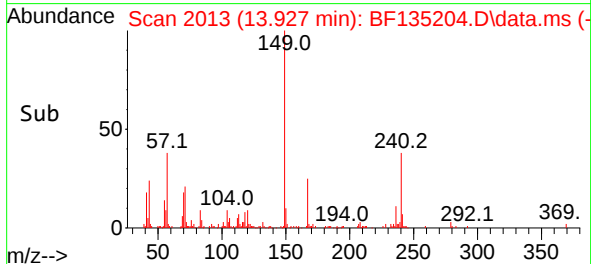
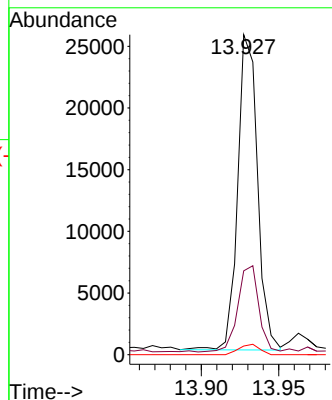
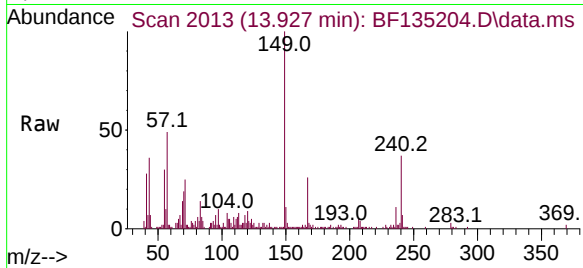




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.849 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Instrument :
BNA_F
ClientSampleId :
TWP-01

Tgt Ion:149 Resp: 22663
Ion Ratio Lower Upper
149 100
167 26.2 21.9 32.9
279 2.7 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135204.D
Acq: 13 Sep 2023 03:56

Tgt Ion:264 Resp: 237620
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 21.6 17.0 25.4

