

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135393.D
 Acq On : 22 Sep 2023 11:00
 Operator : CG\JU
 Sample : PB155676BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155676BL

Quant Time: Sep 23 04:39:12 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)

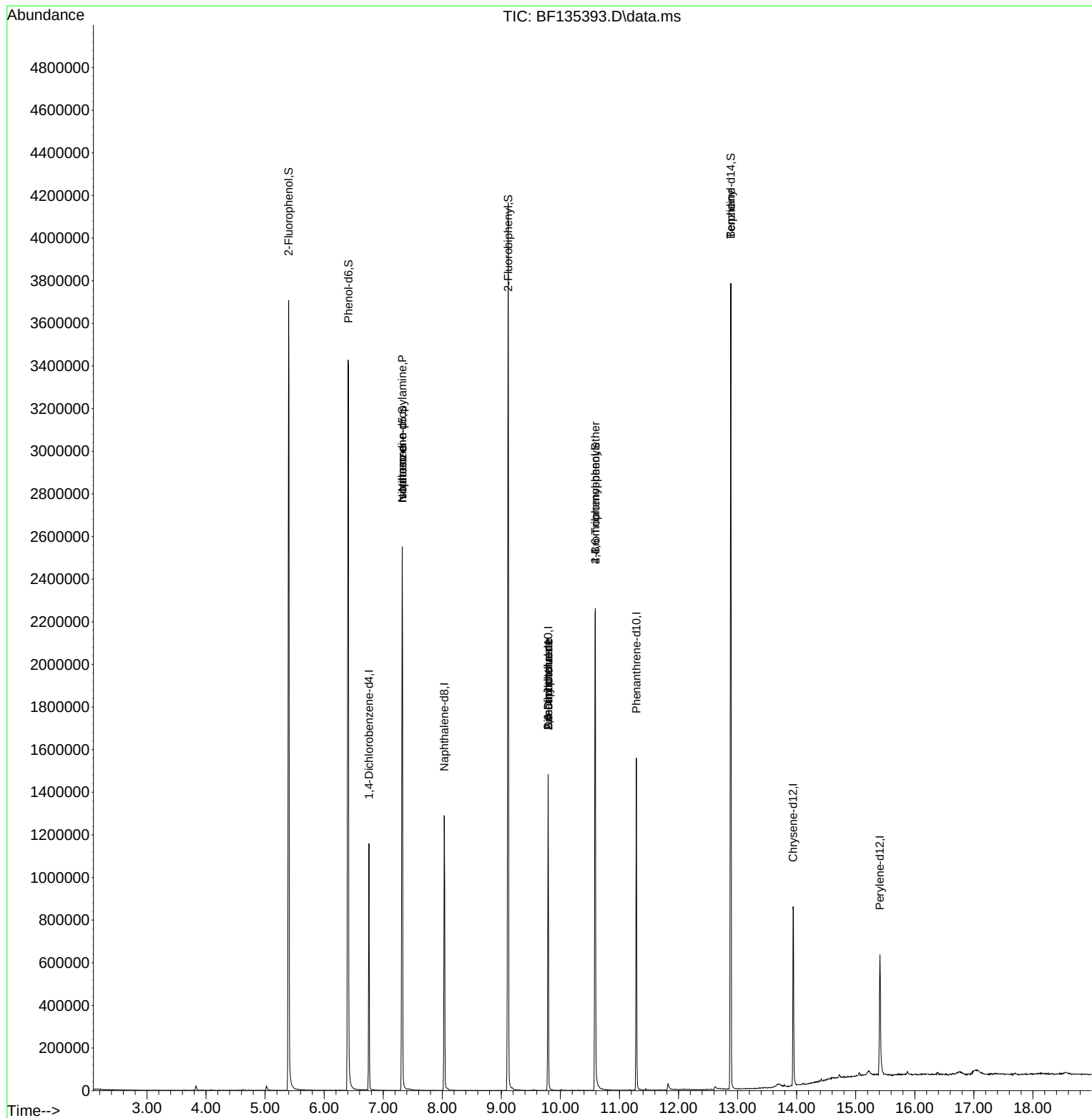
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	156449	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	585717	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	290408	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	543132	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	317208	20.000	ng	0.00
86) Perylene-d12	15.410	264	293569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1122057	116.649	ng	0.01
7) Phenol-d6	6.410	99	1424712	116.482	ng	0.00
23) Nitrobenzene-d5	7.322	82	910336	84.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	313171	108.516	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1499807	77.918	ng	-0.01
79) Terphenyl-d14	12.886	244	1464060	71.548	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	119830	15.817	ng	# 81
25) Isophorone	7.322	82	910321	45.984	ng	# 65
50) Dimethylphthalate	9.792	163	54847	2.793	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	36411	8.465	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	36411	6.762	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	20101	3.721	ng	# 1
77) Benzidine	12.886	184	18882	2.906	ng	# 96

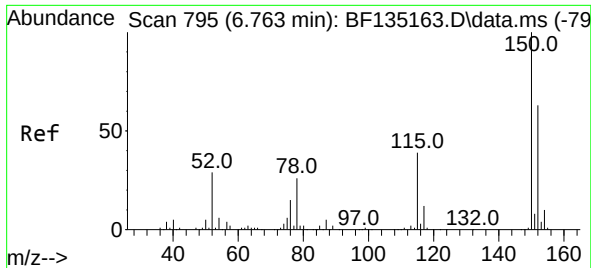
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

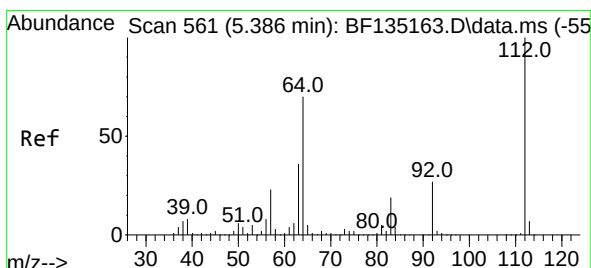
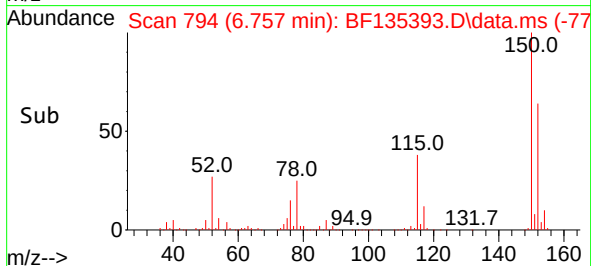
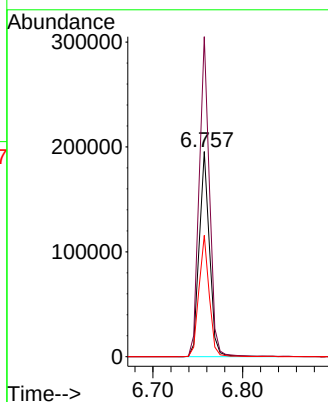
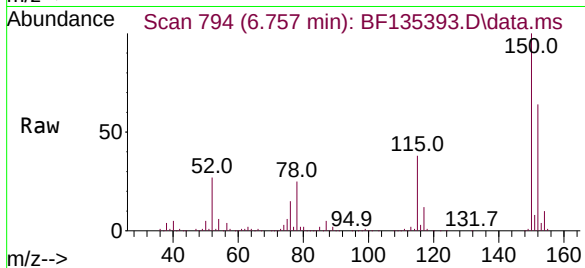




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

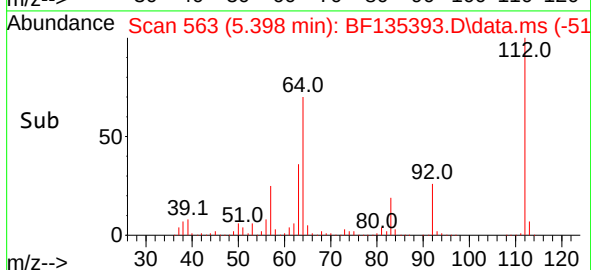
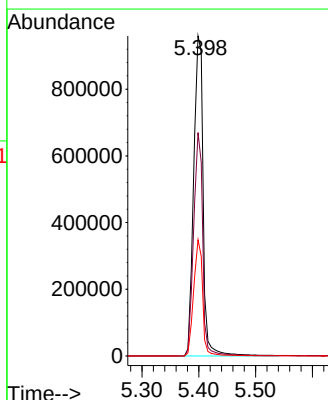
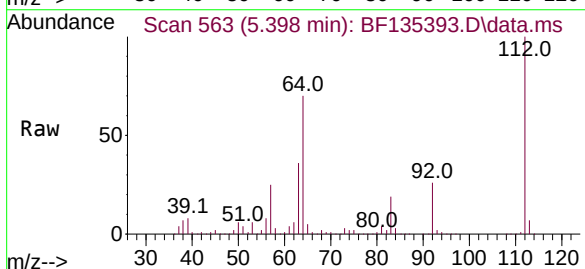
Instrument :
BNA_F
ClientSampleId :
PB155676BL

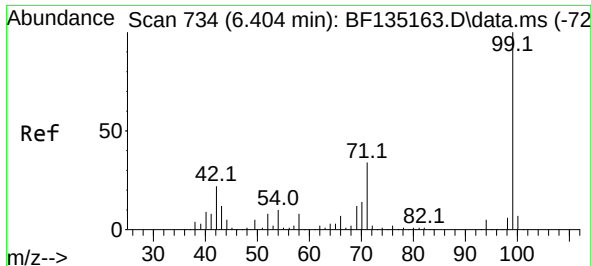
Tgt Ion:152 Resp: 156449
Ion Ratio Lower Upper
152 100
150 156.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 116.649 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:112 Resp: 1122057
Ion Ratio Lower Upper
112 100
64 69.8 55.9 83.9
63 36.3 29.0 43.6

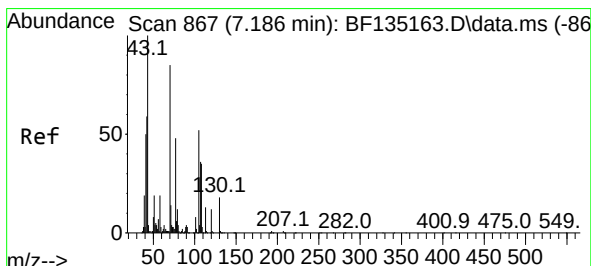
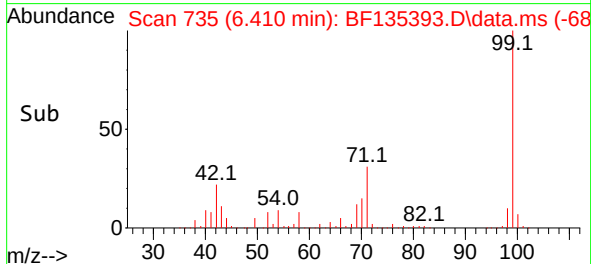
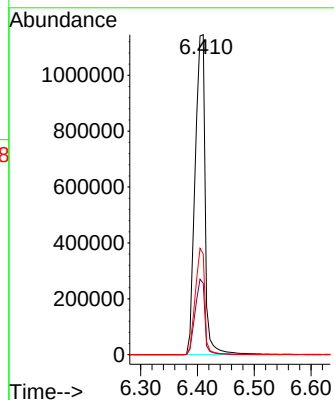
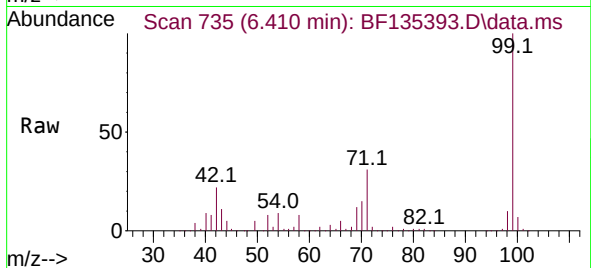




#7
Phenol-d6
Concen: 116.482 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

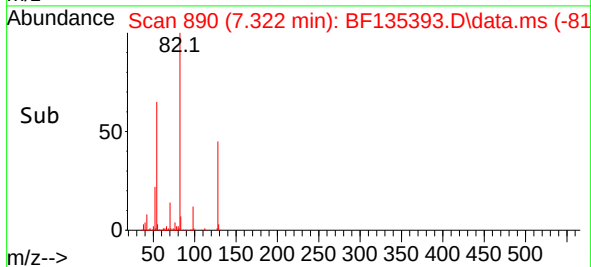
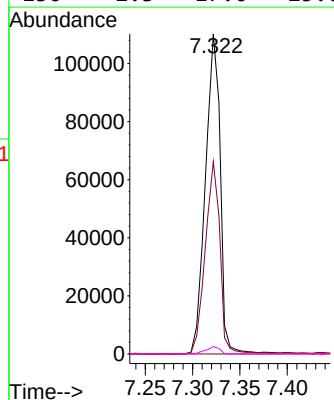
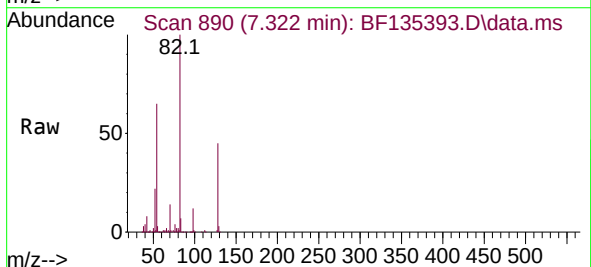
Instrument :
BNA_F
ClientSampleId :
PB155676BL

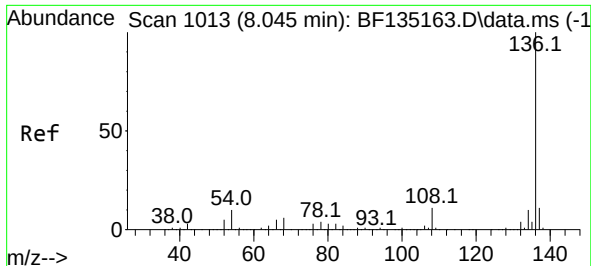
Tgt Ion: 99 Resp: 1424712
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 31.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.817 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

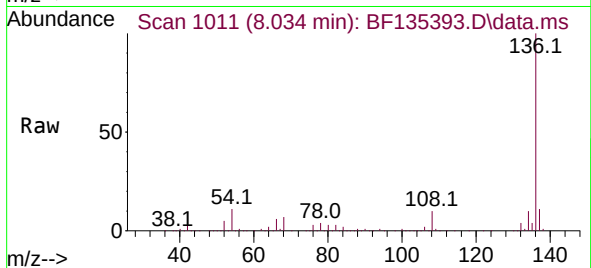
Tgt Ion: 70 Resp: 119830
Ion Ratio Lower Upper
70 100
42 60.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#



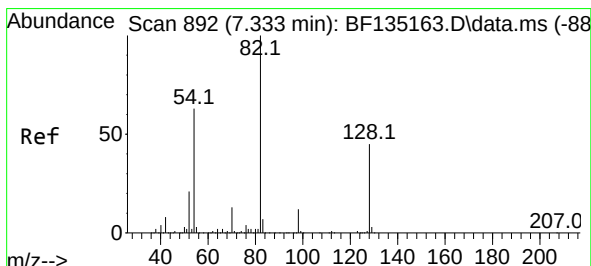
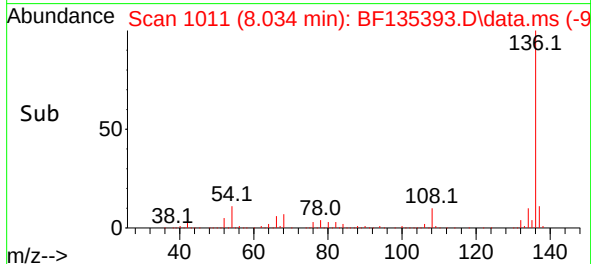
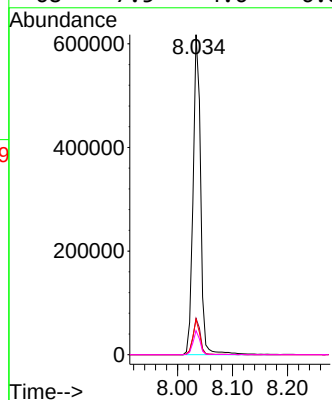


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Instrument :
BNA_F
ClientSampleId :
PB155676BL

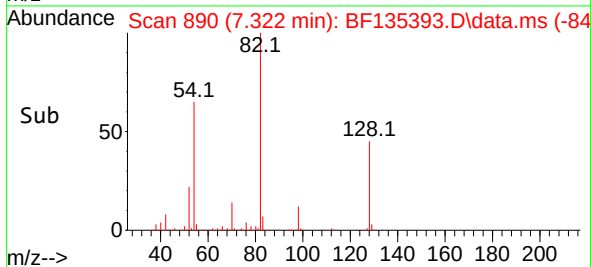
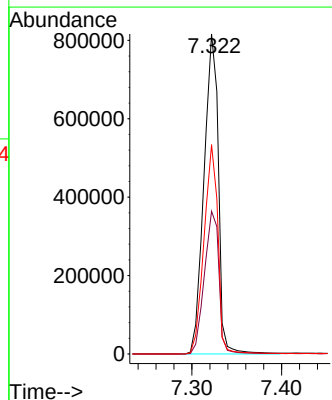
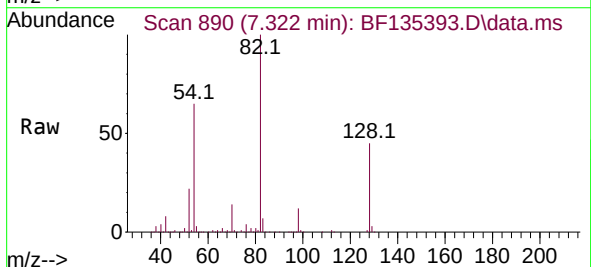


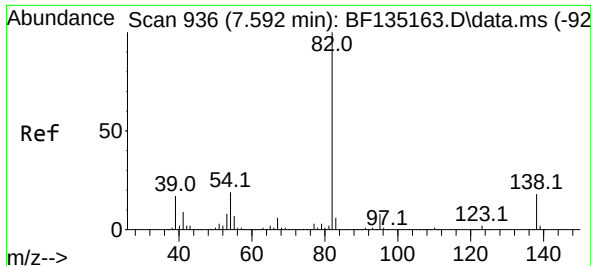
Tgt Ion:136 Resp: 585717
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.0 7.7 11.5
68 7.5 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 84.440 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion: 82 Resp: 910336
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 65.4 50.6 76.0

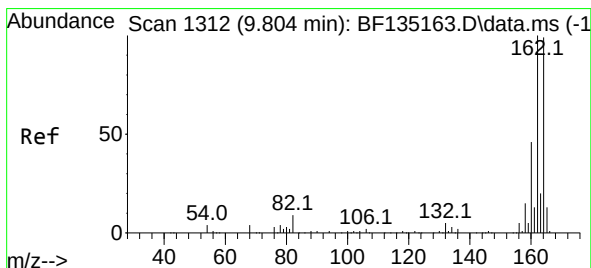
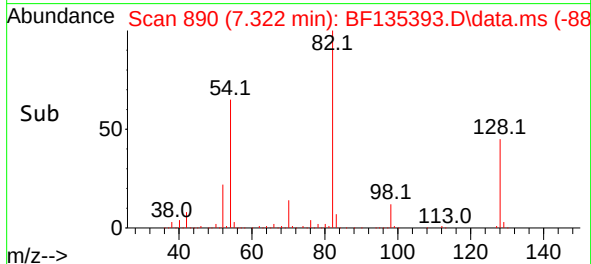
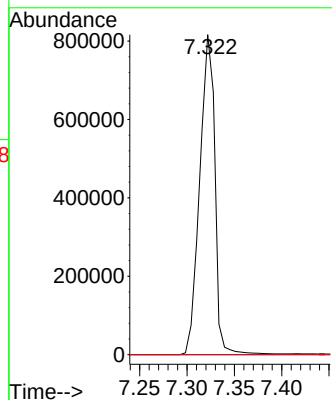
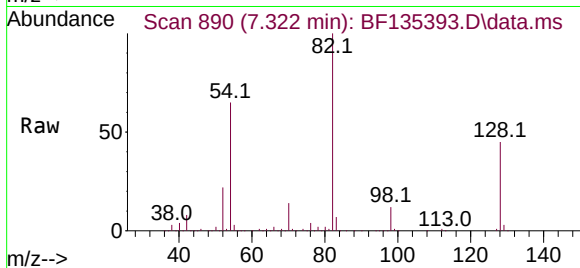




#25
Isophorone
Concen: 45.984 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

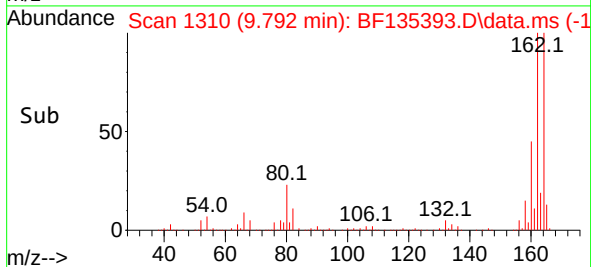
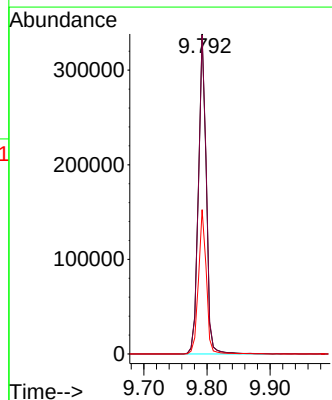
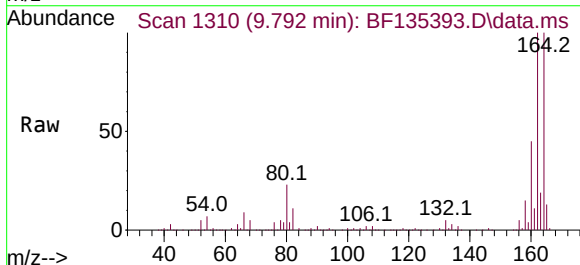
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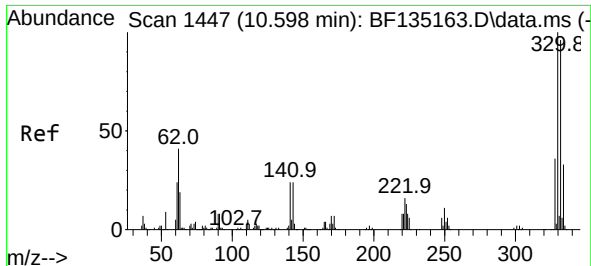
Tgt Ion: 82 Resp: 910321
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion: 164 Resp: 290408
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 45.1 37.0 55.4

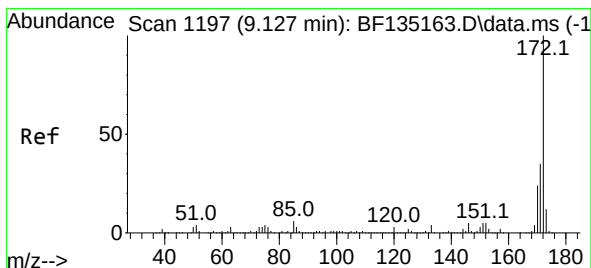
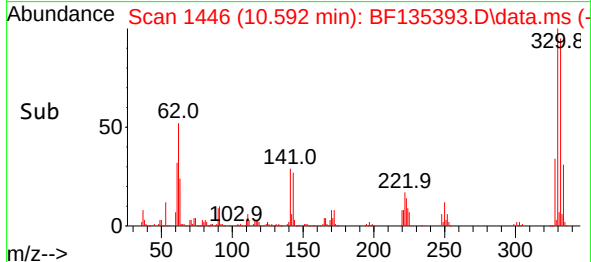
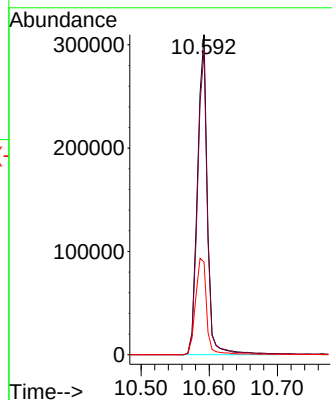
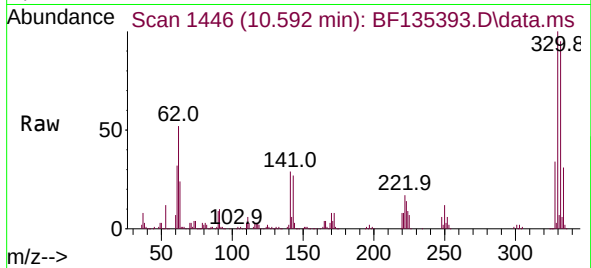




#42
2,4,6-Tribromophenol
Concen: 108.516 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

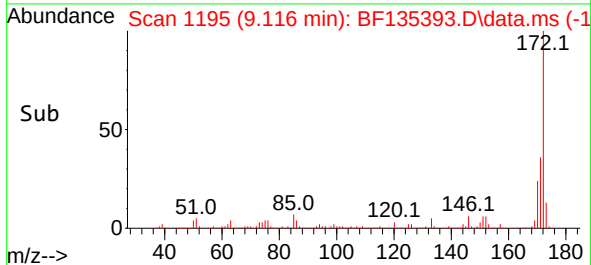
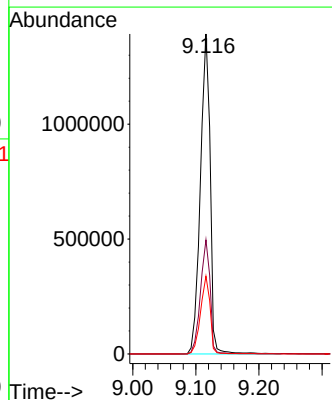
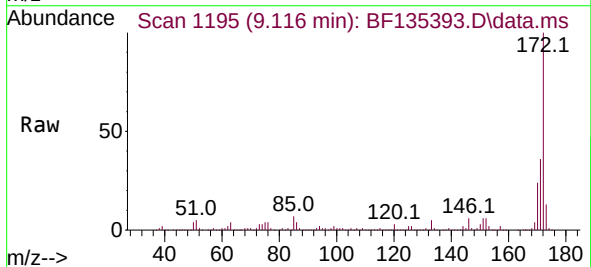
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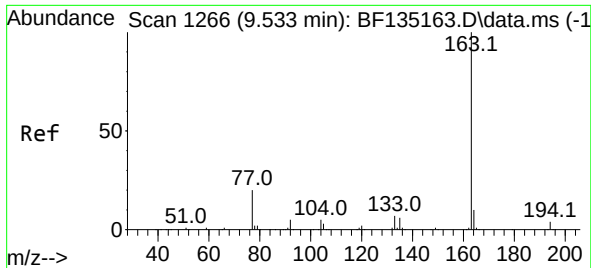
Tgt Ion:330 Resp: 313171
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.918 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:172 Resp: 1499807
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.3 19.0 28.4

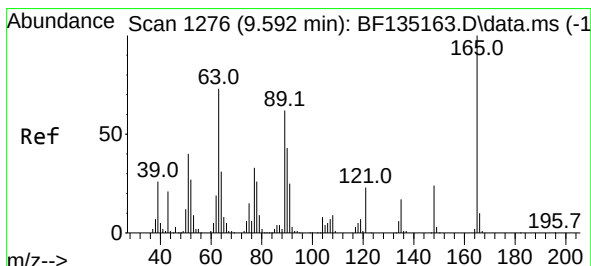
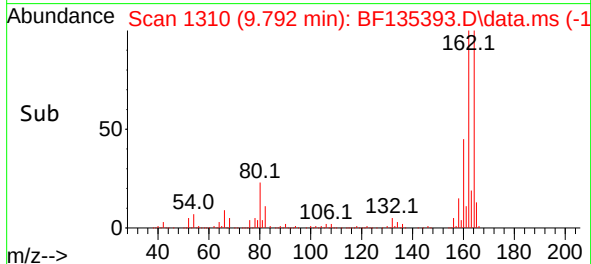
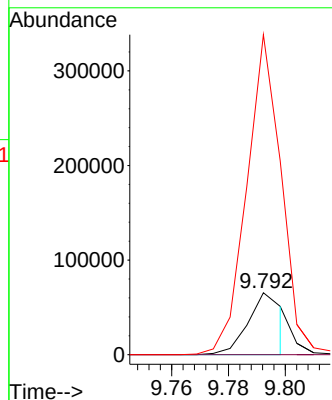
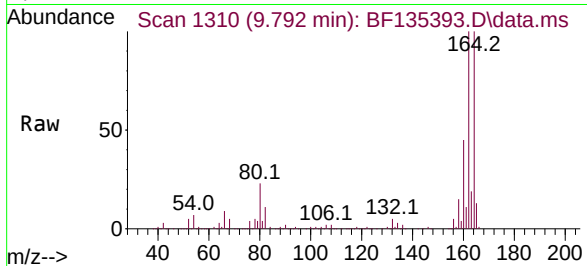




#50
Dimethylphthalate
Concen: 2.793 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

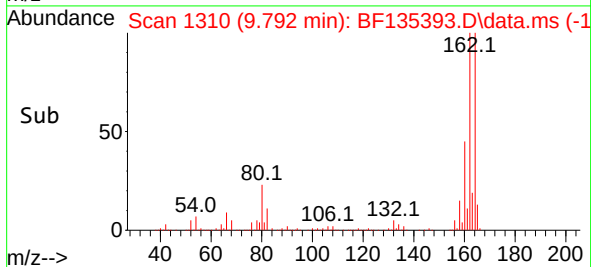
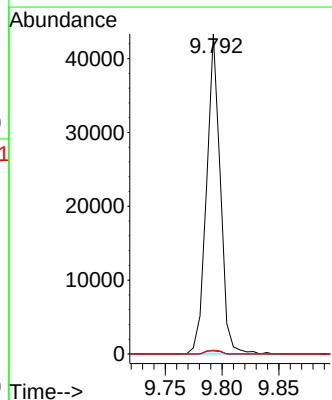
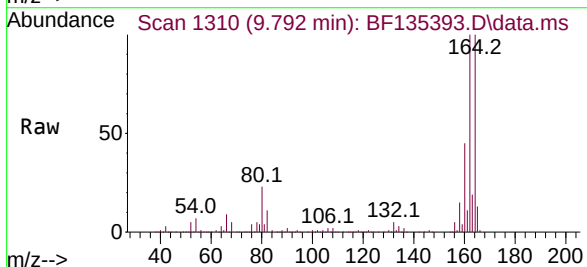
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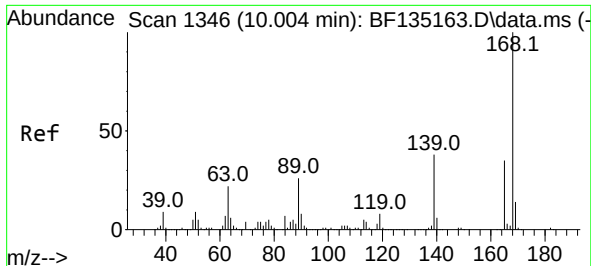
Tgt Ion:163 Resp: 54847
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 517.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:165 Resp: 36411
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.2 49.8 74.8#

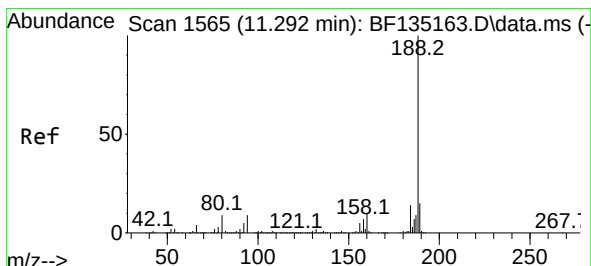
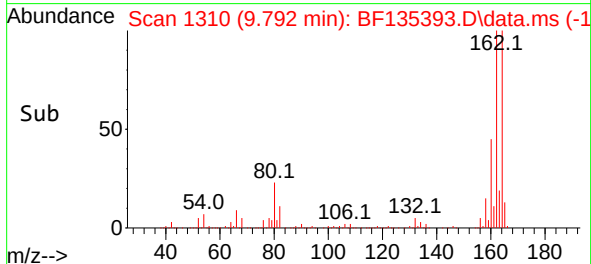
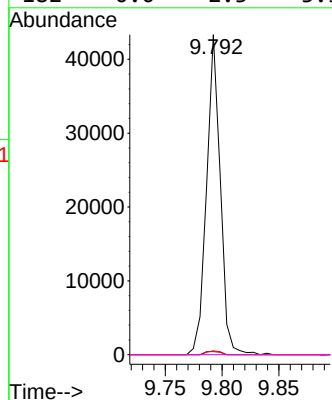
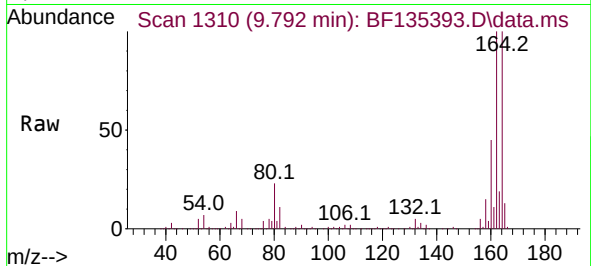




#57
2,4-Dinitrotoluene
Concen: 6.762 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

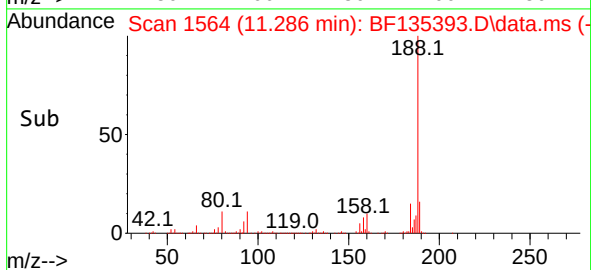
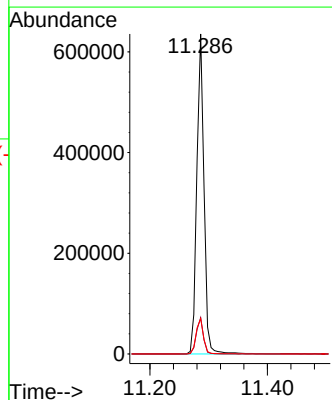
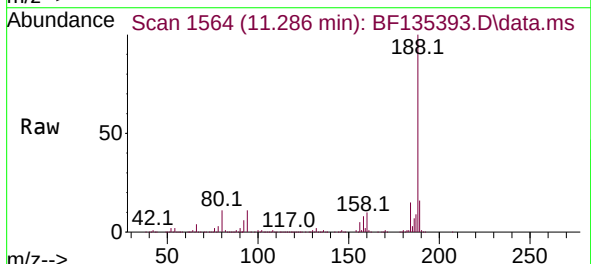
Instrument :
BNA_F
ClientSampleId :
PB155676BL

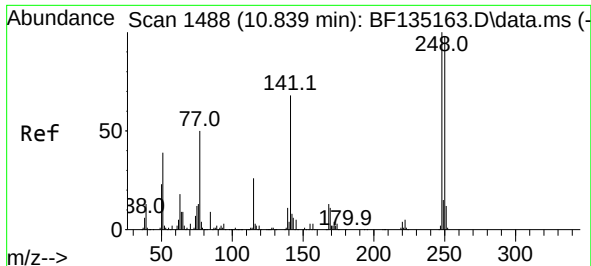
Tgt Ion:165 Resp: 36411
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:188 Resp: 543132
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.0 7.5 11.3

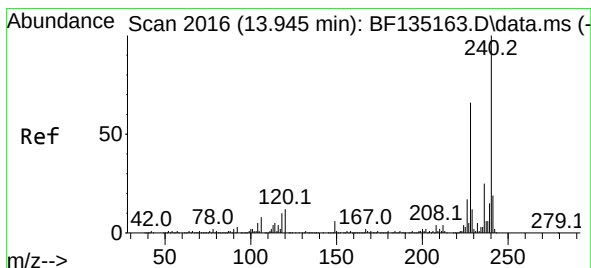
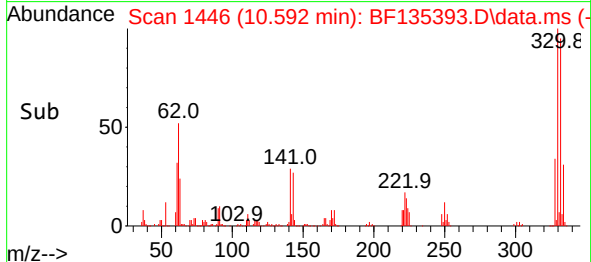
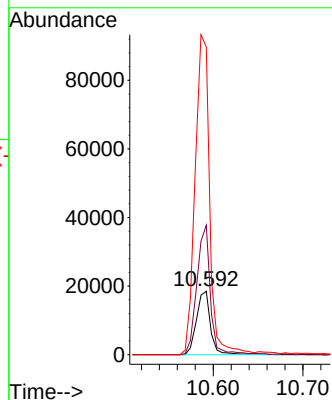
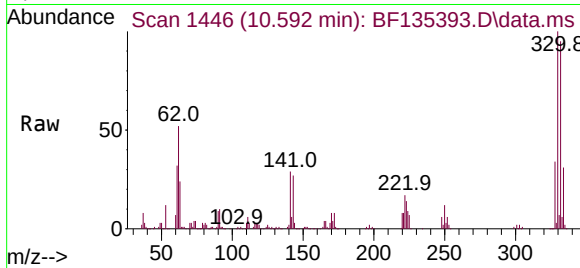




#67
4-Bromophenyl-phenylether
Concen: 3.721 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

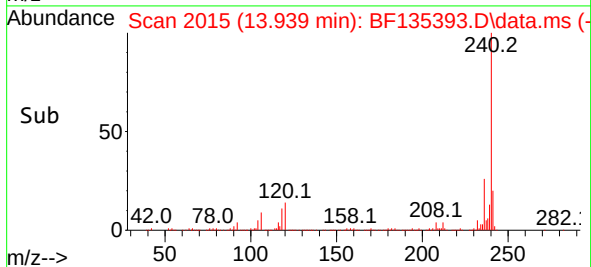
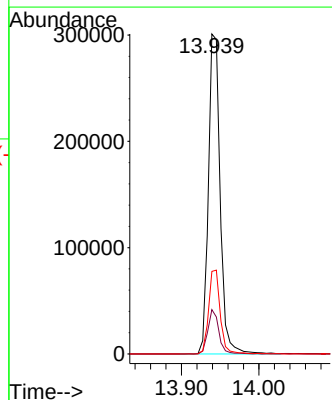
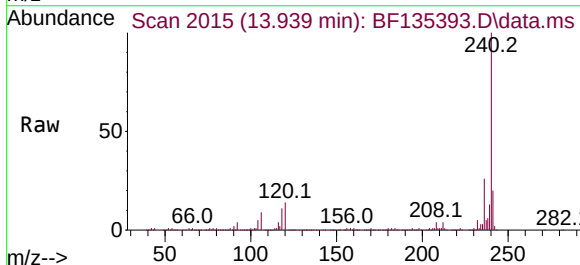
Instrument :
BNA_F
ClientSampleId :
PB155676BL

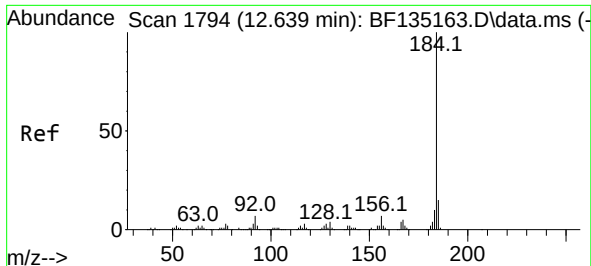
Tgt Ion:248 Resp: 20101
Ion Ratio Lower Upper
248 100
250 204.2 78.6 117.8#
141 485.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:240 Resp: 317208
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.2
236 25.8 19.8 29.8

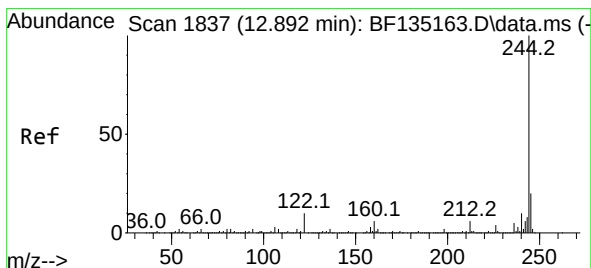
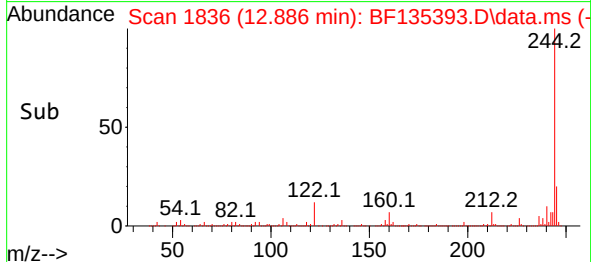
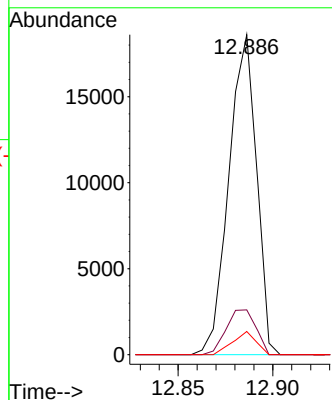
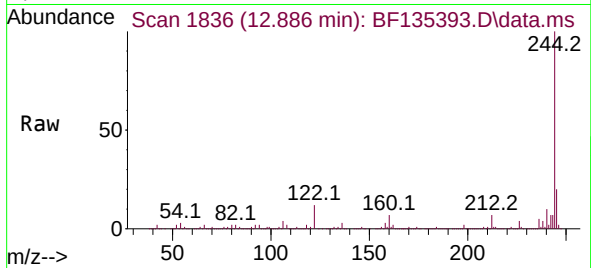




#77
Benzidine
Concen: 2.906 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

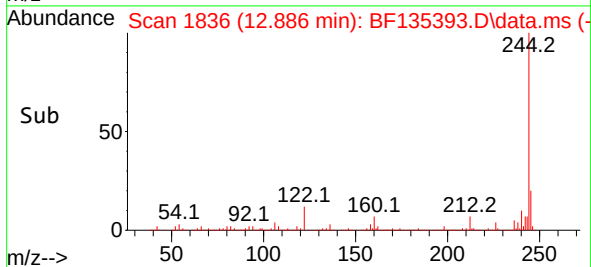
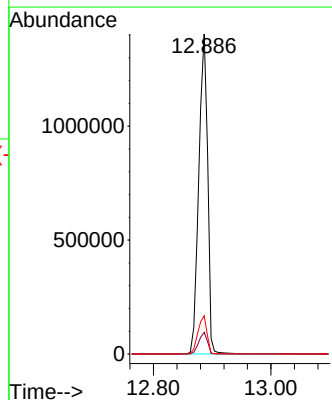
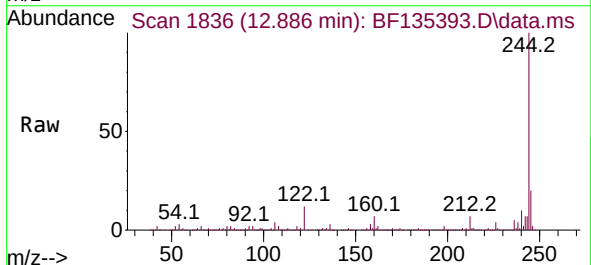
Instrument :
BNA_F
ClientSampleId :
PB155676BL

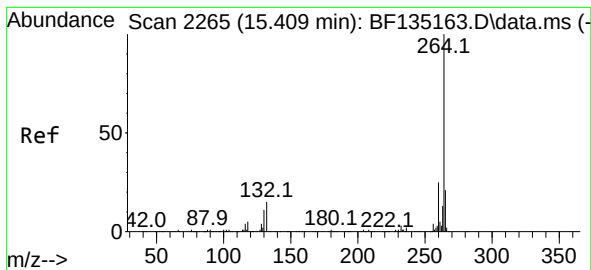
Tgt Ion:184 Resp: 18882
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 7.3 8.2 12.4#



#79
Terphenyl-d14
Concen: 71.548 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:244 Resp: 1464060
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: 15.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Instrument :
BNA_F
ClientSampleId :
PB155676BL

Tgt Ion:264 Resp: 293569

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.4	17.0	25.4

