

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135077.D
 Acq On : 01 Sep 2023 15:35
 Operator : CG\JU
 Sample : 04203-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)

Quant Time: Sep 04 01:07:17 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)

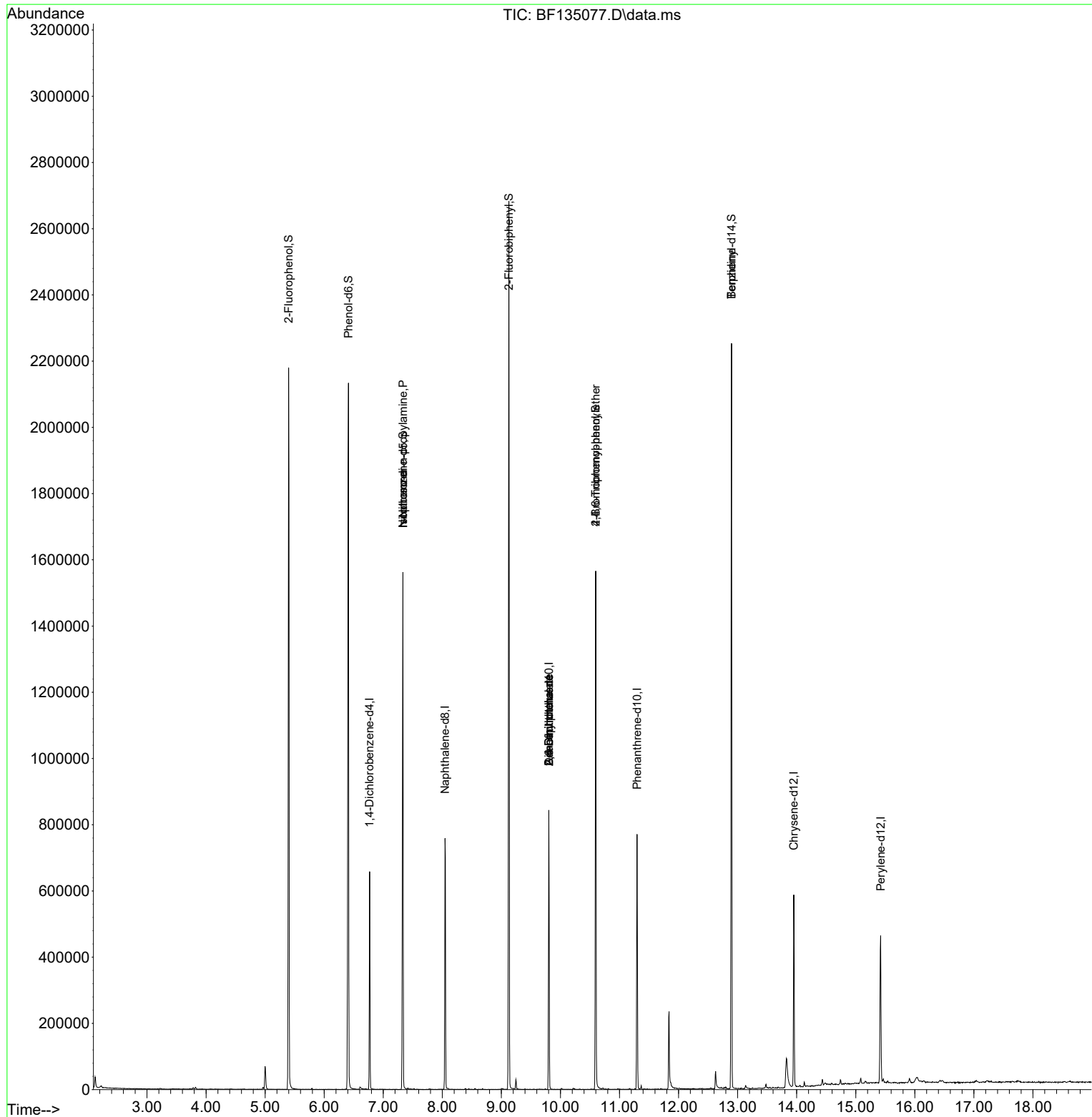
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	85195	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	343700	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	161969	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	262446	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	190844	20.000	ng	-0.01
86) Perylene-d12	15.421	264	199708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	599806	108.747	ng	0.00
7) Phenol-d6	6.410	99	727261	105.786	ng	0.00
23) Nitrobenzene-d5	7.334	82	452479	73.962	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	180172	104.864	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	797531	80.168	ng	-0.01
79) Terphenyl-d14	12.898	244	752325	64.331	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	60196	14.741	ng	# 78
25) Isophorone	7.334	82	452475	39.009	ng	# 65
50) Dimethylphthalate	9.804	163	29947	2.641	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	21108	8.482	ng	# 21
57) 2,4-Dinitrotoluene	9.804	165	21108	6.806	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	11689	4.199	ng	# 1
77) Benzidine	12.898	184	9060	2.634	ng	# 91

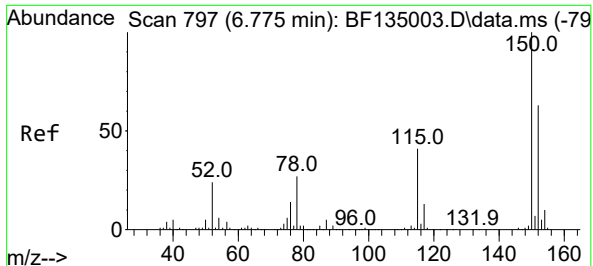
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-8(12-12.5)

Quant Time: Sep 04 01:07:17 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

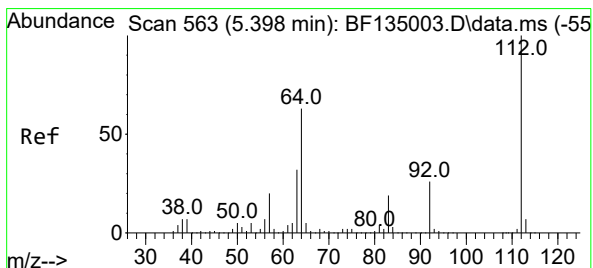
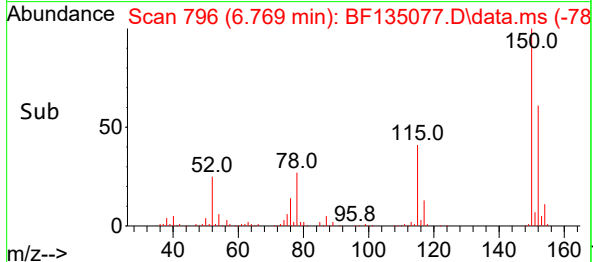
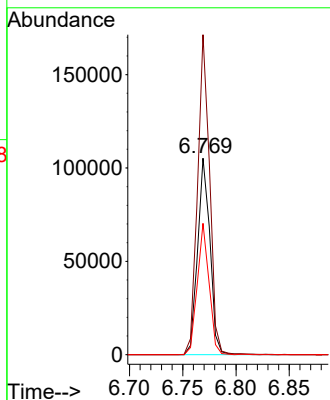
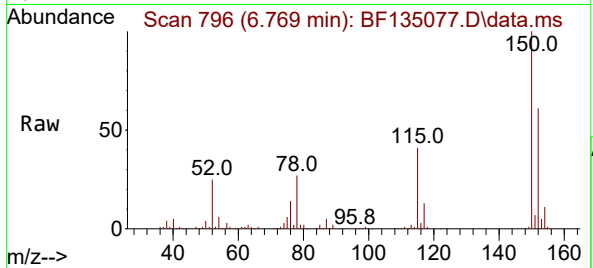




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135077.D
 Acq: 01 Sep 2023 15:35

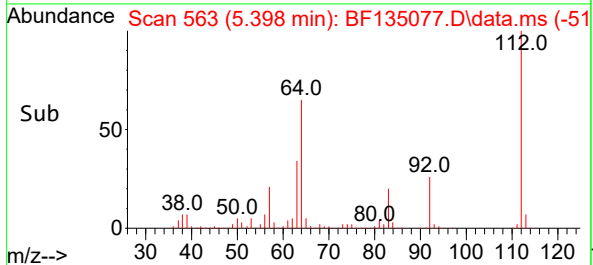
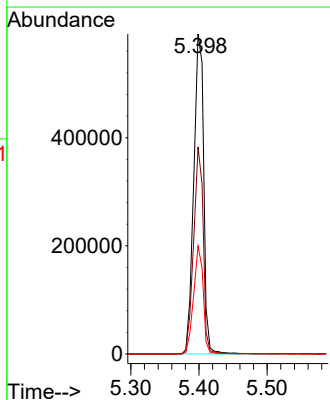
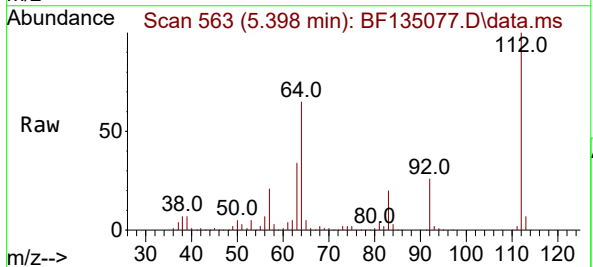
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)

Tgt Ion:152 Resp: 85195
 Ion Ratio Lower Upper
 152 100
 150 162.8 126.2 189.4
 115 66.9 51.2 76.8



#5
 2-Fluorophenol
 Concen: 108.747 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF135077.D
 Acq: 01 Sep 2023 15:35

Tgt Ion:112 Resp: 599806
 Ion Ratio Lower Upper
 112 100
 64 64.7 50.5 75.7
 63 33.8 25.9 38.9

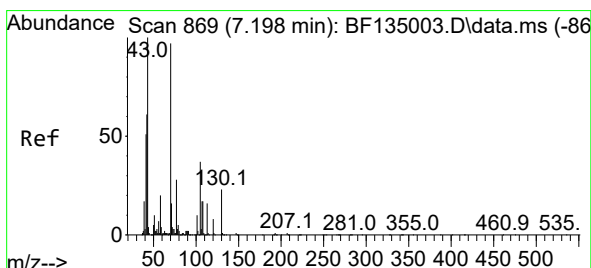
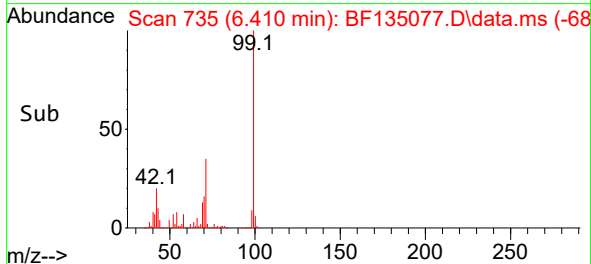
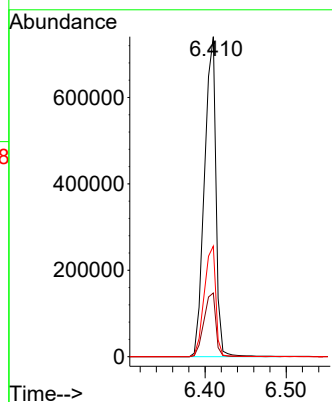
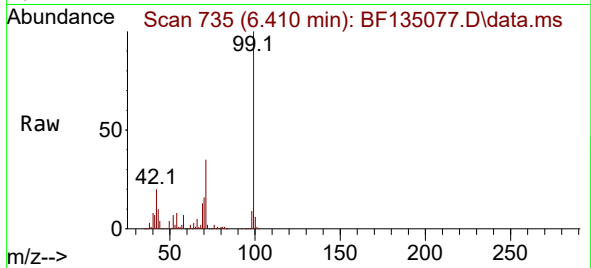




#7
Phenol-d6
Concen: 105.786 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

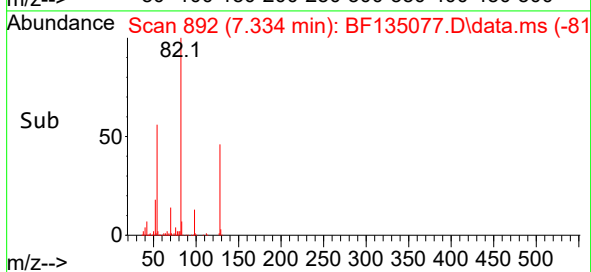
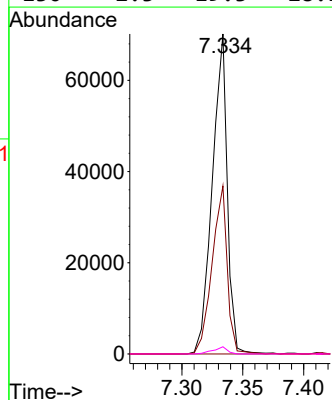
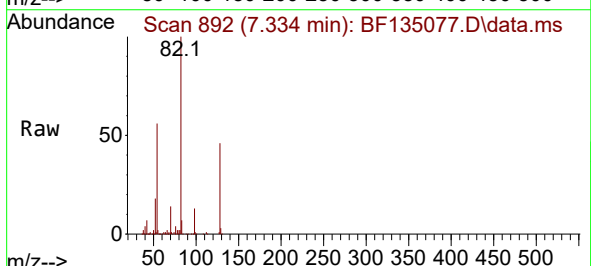
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

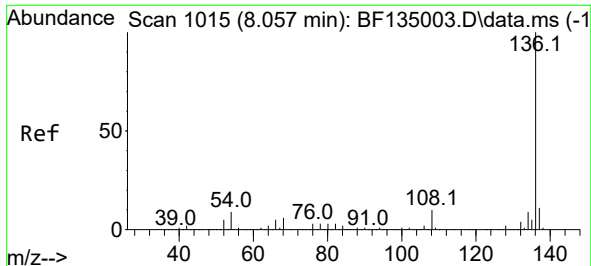
Tgt Ion: 99 Resp: 727261
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 34.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.741 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion: 70 Resp: 60196
Ion Ratio Lower Upper
70 100
42 52.5 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

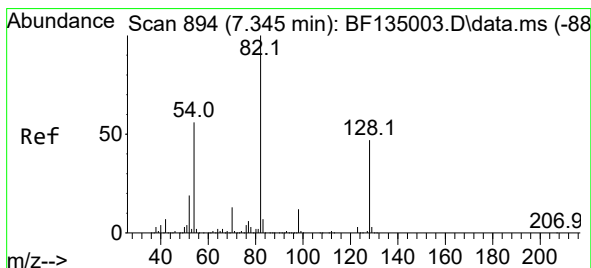
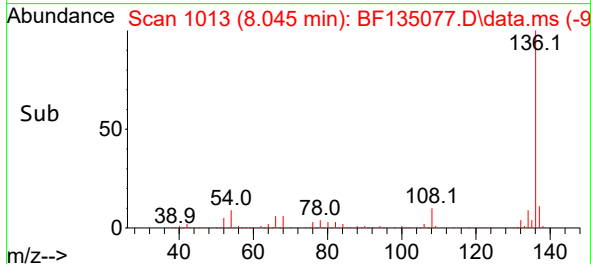
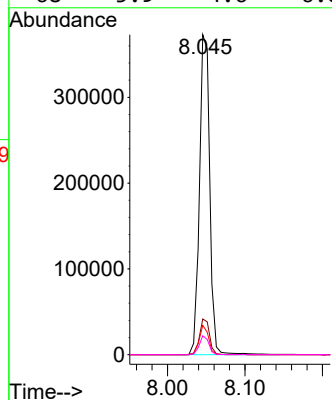
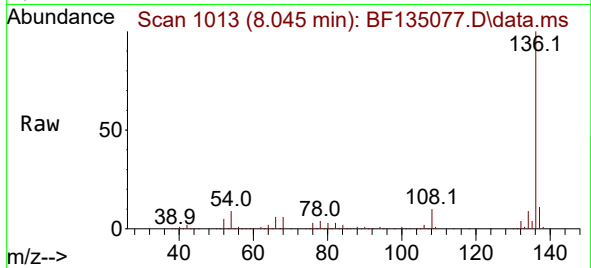




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

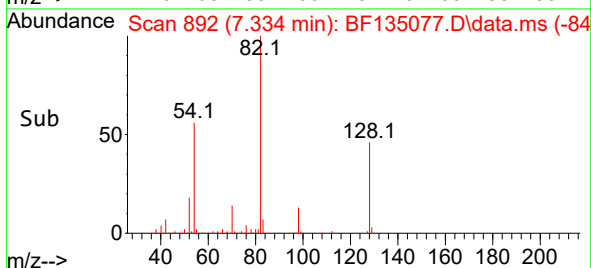
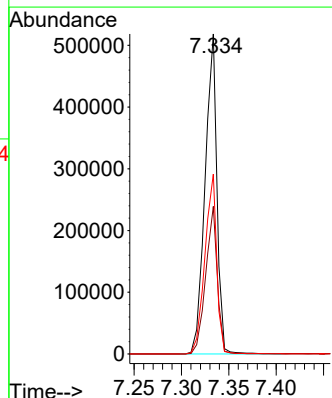
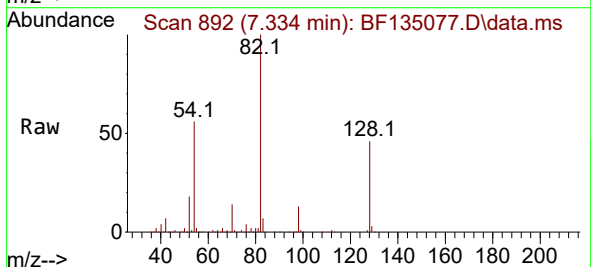
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

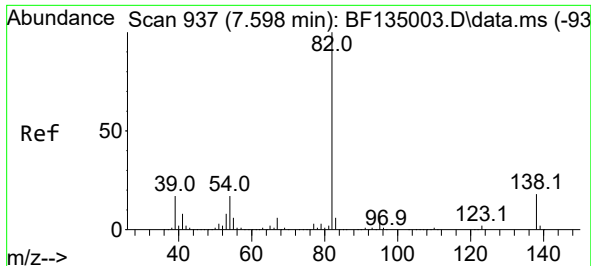
Tgt Ion:136 Resp: 343700
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.1 7.0 10.4
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 73.962 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion: 82 Resp: 452479
Ion Ratio Lower Upper
82 100
128 46.1 37.8 56.8
54 56.2 45.0 67.6

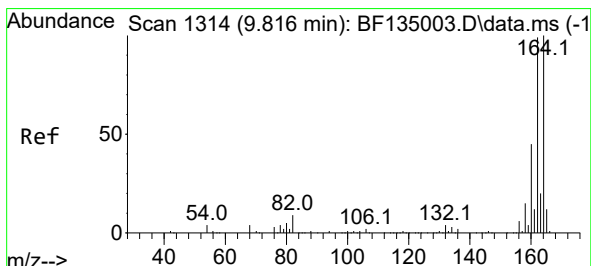
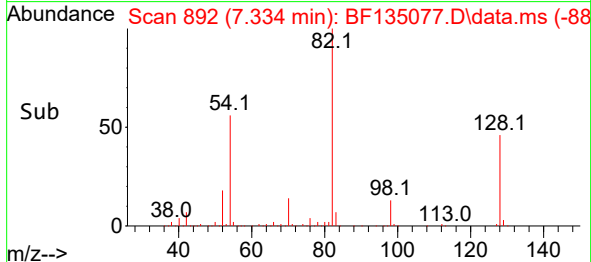
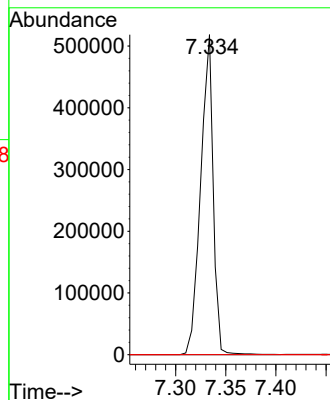
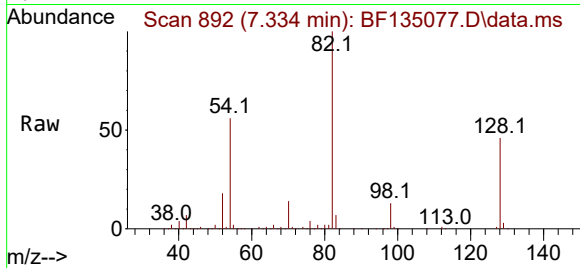




#25
Isophorone
Concen: 39.009 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

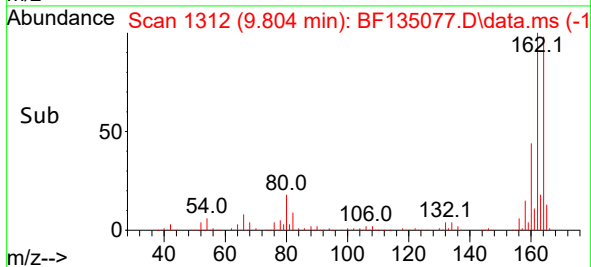
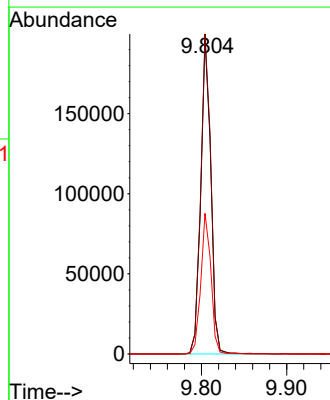
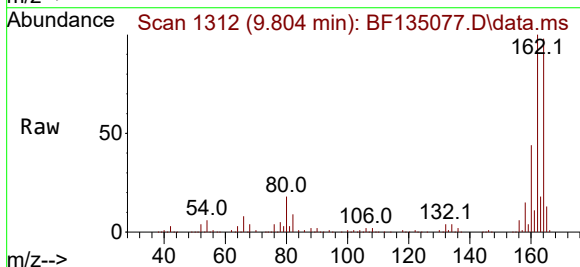
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

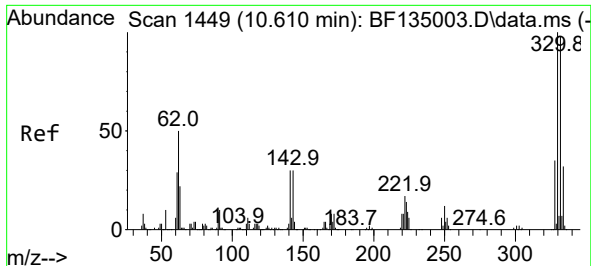
Tgt Ion: 82 Resp: 452475
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion: 164 Resp: 161969
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 44.6 36.0 54.0

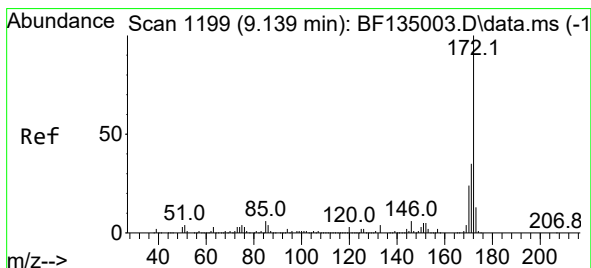
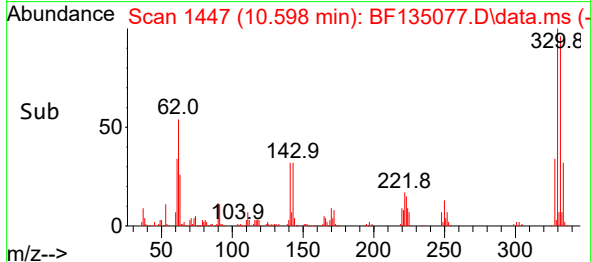
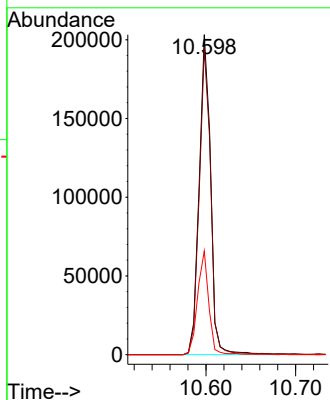
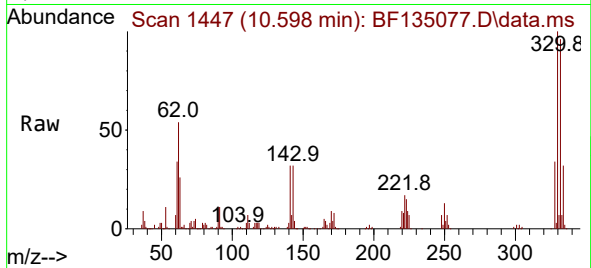




#42
2,4,6-Tribromophenol
Concen: 104.864 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

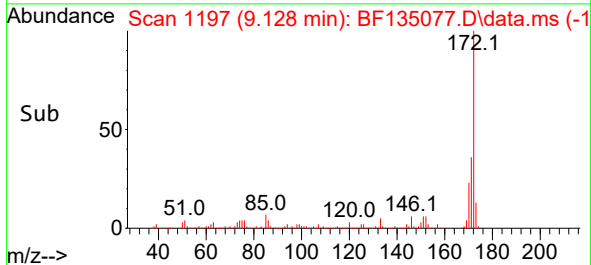
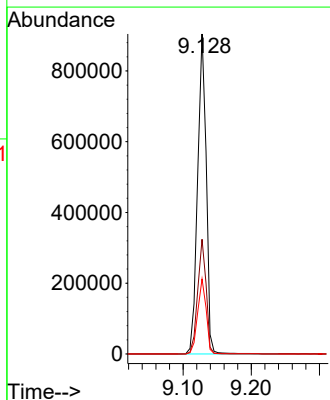
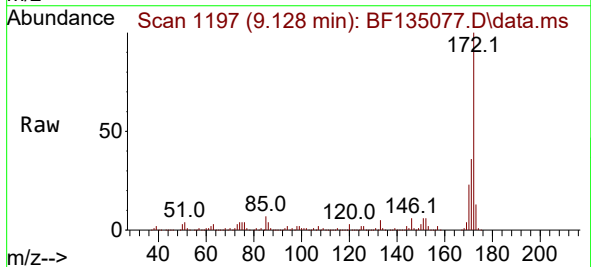
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

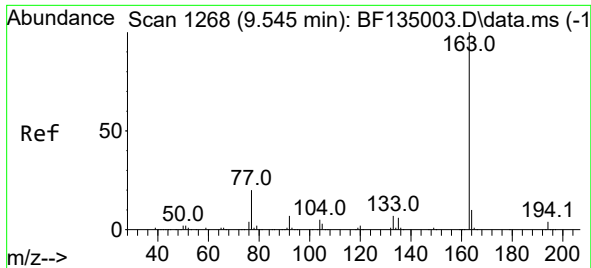
Tgt Ion:330 Resp: 180172
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 31.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 80.168 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion:172 Resp: 797531
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.4 19.0 28.4

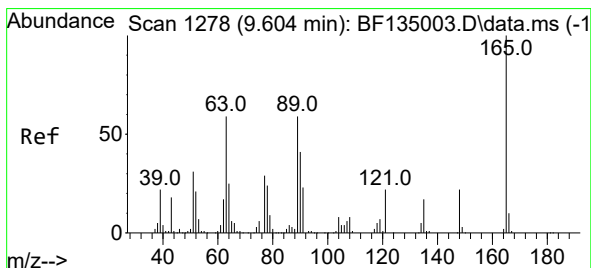
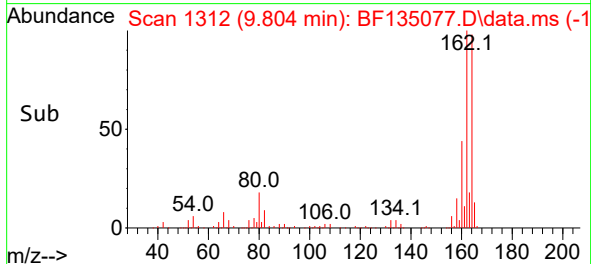
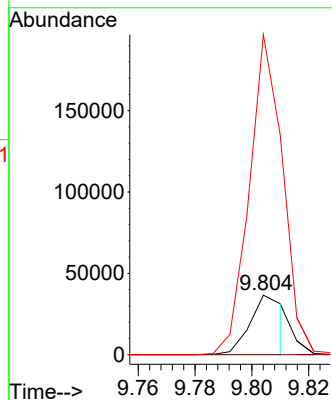
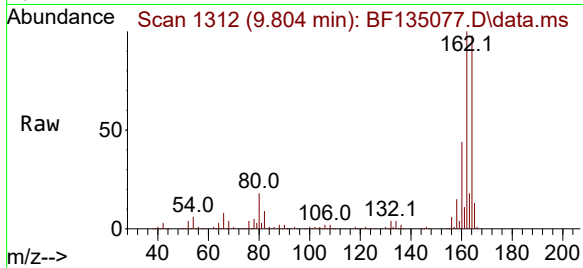




#50
Dimethylphthalate
Concen: 2.641 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.259 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

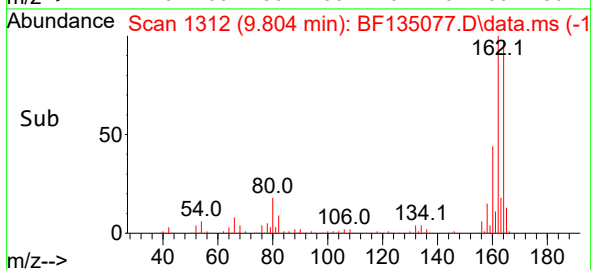
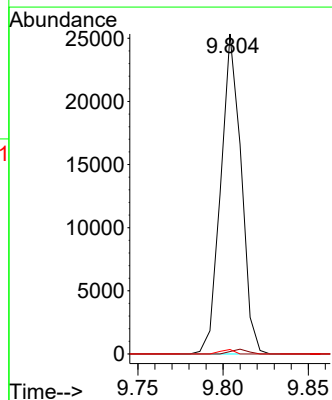
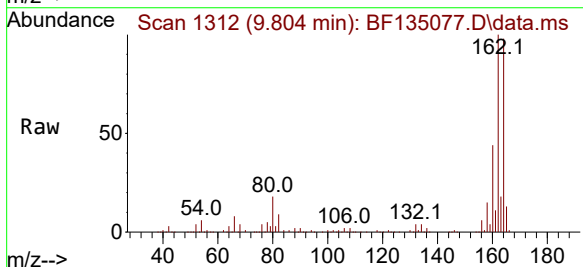
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SB-8(12-12.5)

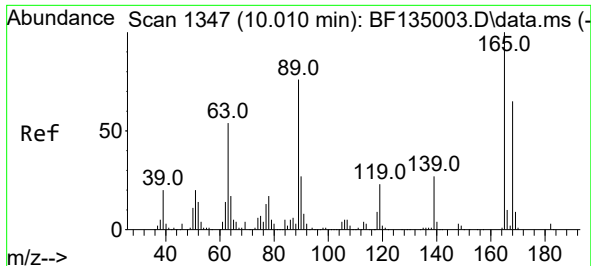
Tgt Ion:163 Resp: 29947
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 537.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.482 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion:165 Resp: 21108
Ion Ratio Lower Upper
165 100
63 0.8 50.4 75.6#
89 1.4 47.1 70.7#

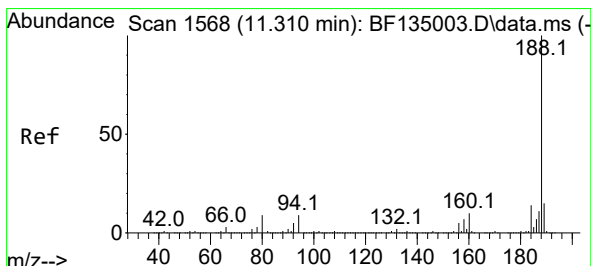
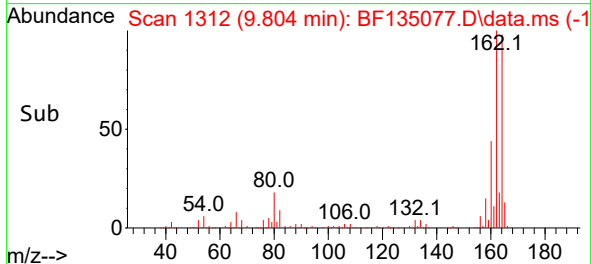
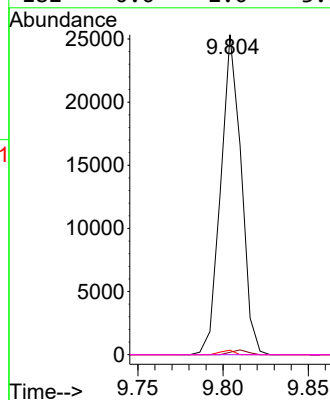
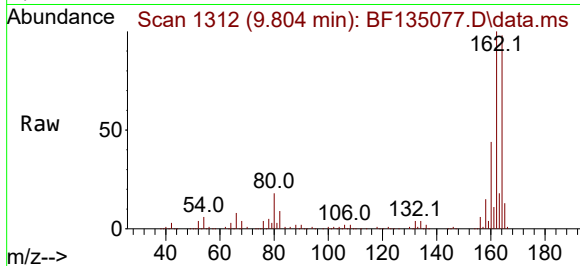




#57
2,4-Dinitrotoluene
Concen: 6.806 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

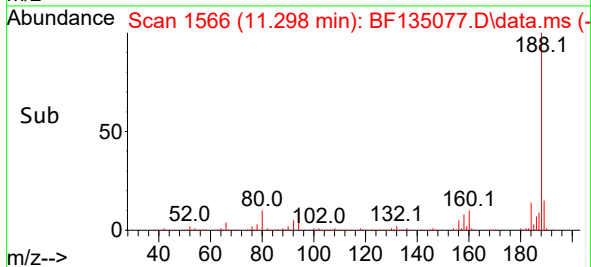
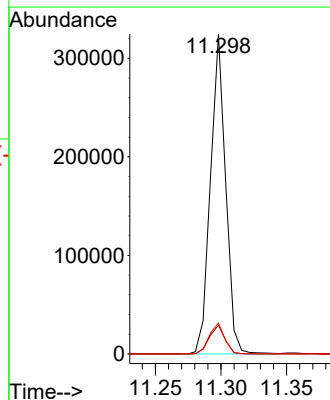
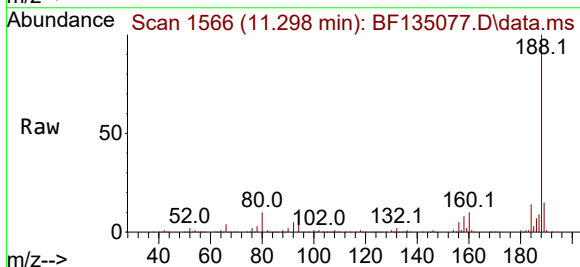
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

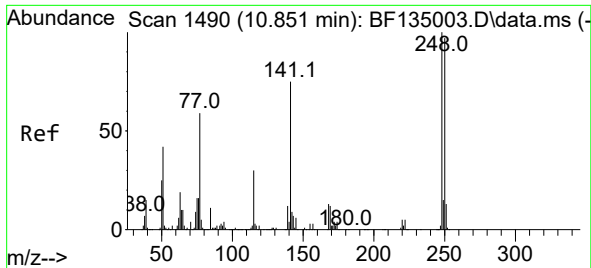
Tgt Ion:165 Resp: 21108
Ion Ratio Lower Upper
165 100
63 0.8 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion:188 Resp: 262446
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.6 7.4 11.2

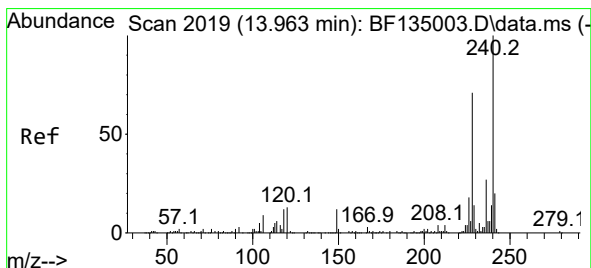
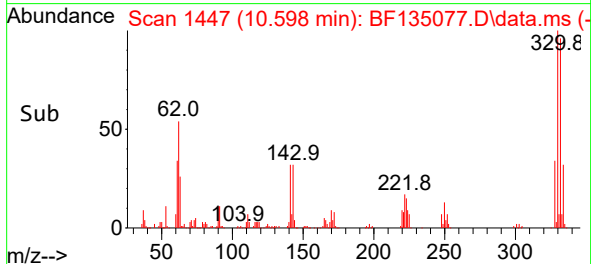
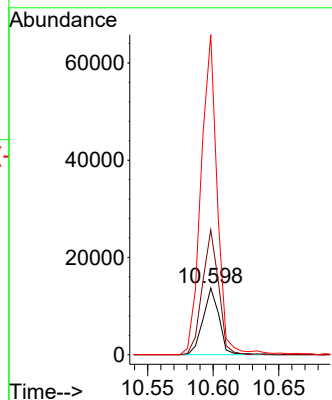
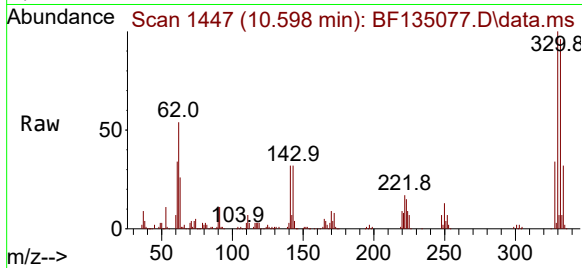




#67
4-Bromophenyl-phenylether
Concen: 4.199 ng
RT: 10.598 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

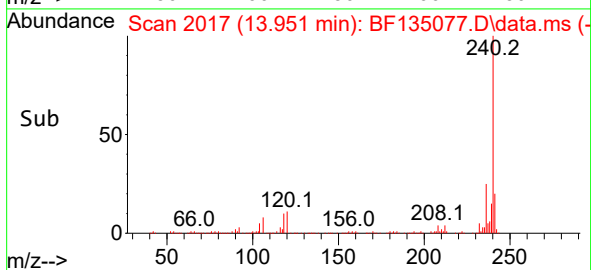
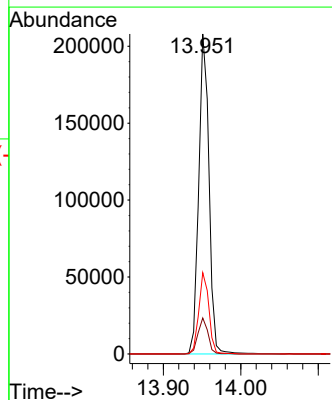
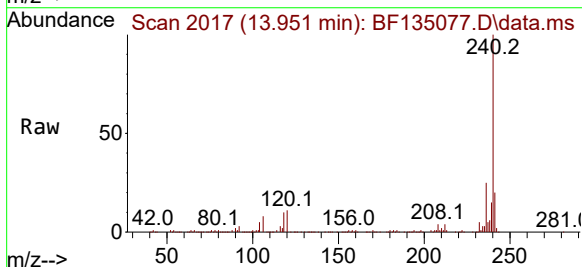
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

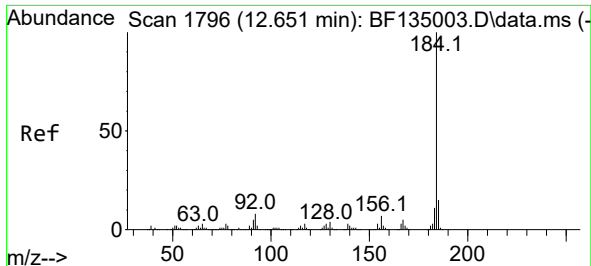
Tgt Ion:248 Resp: 11689
Ion Ratio Lower Upper
248 100
250 187.3 77.9 116.9#
141 480.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion:240 Resp: 190844
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.2
236 25.4 21.3 31.9

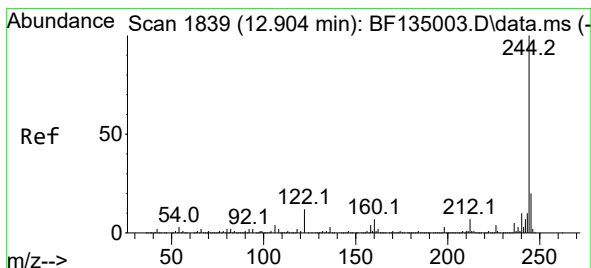
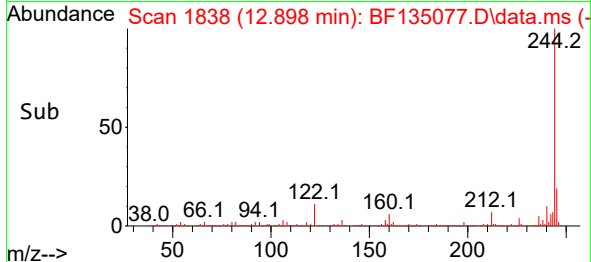
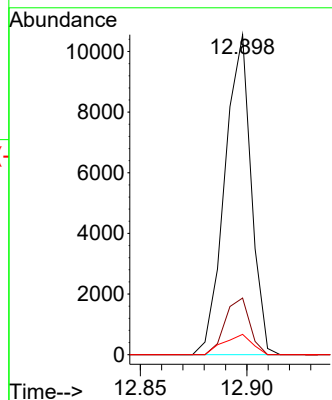
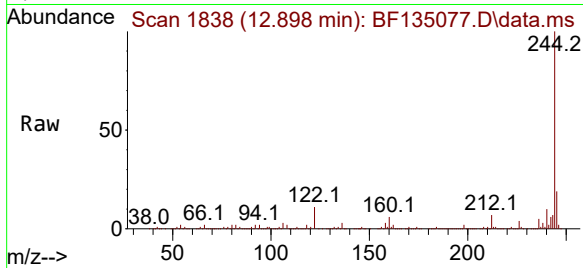




#77
Benzidine
Concen: 2.634 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

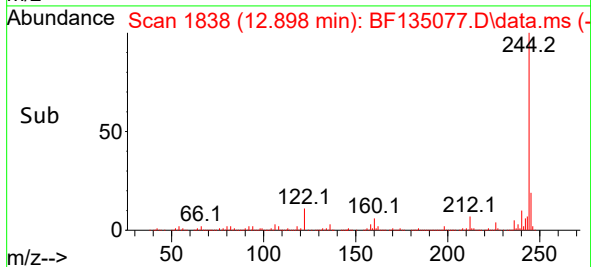
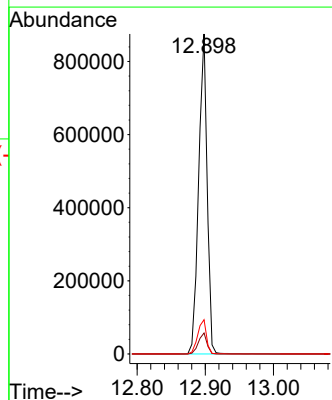
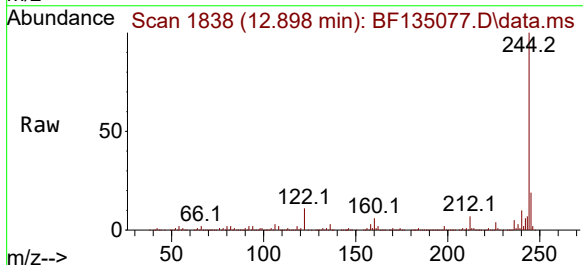
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

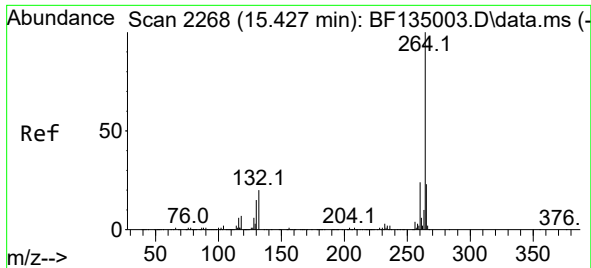
Tgt Ion:184 Resp: 9060
Ion Ratio Lower Upper
184 100
185 17.7 12.0 18.0
183 6.4 9.0 13.6#



#79
Terphenyl-d14
Concen: 64.331 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

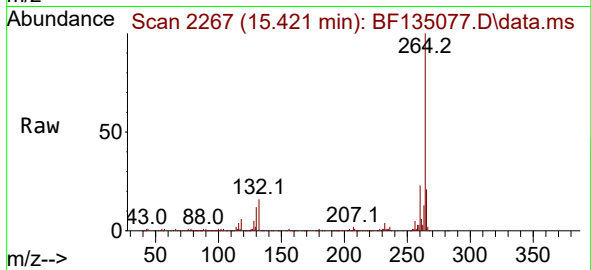
Tgt Ion:244 Resp: 752325
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.7 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135077.D
 Acq: 01 Sep 2023 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)



Tgt Ion:264 Resp: 199708
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 18.2 27.2

