

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135137.D
 Acq On : 07 Sep 2023 16:44
 Operator : CG\JU
 Sample : 04283-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Sep 07 17:18:31 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)

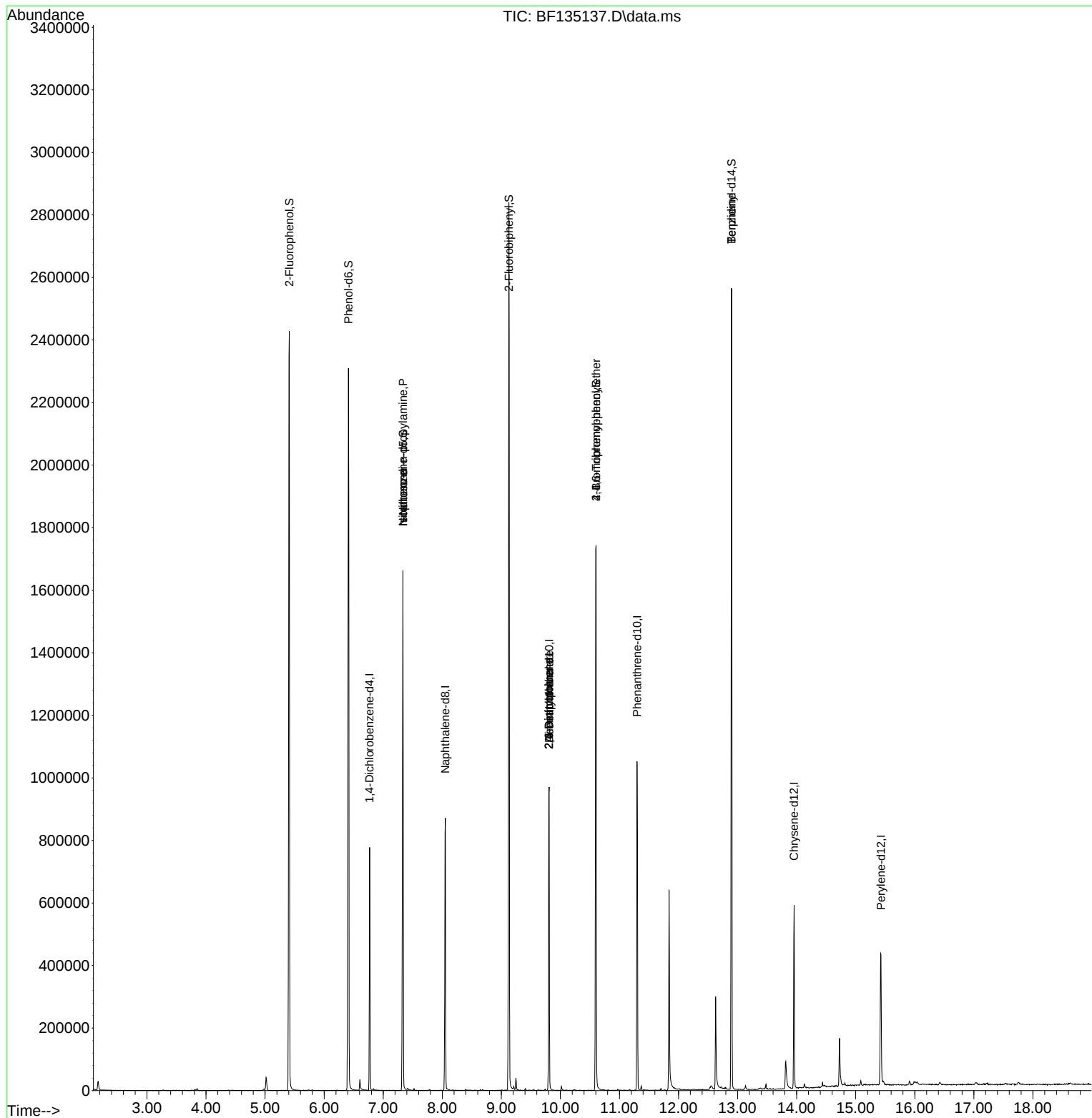
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	100316	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	416647	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	210770	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	365461	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	190780	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	206526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	691857	106.529	ng	0.01
7) Phenol-d6	6.410	99	856365	105.789	ng	0.00
23) Nitrobenzene-d5	7.334	82	525770	70.895	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	231699	103.630	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	932531	72.034	ng	-0.01
79) Terphenyl-d14	12.898	244	860414	73.598	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	71270	14.822	ng	# 77
25) Isophorone	7.334	82	525759	37.391	ng	# 65
50) Dimethylphthalate	9.810	163	43190	2.926	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	26578	8.207	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	26578	6.586	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	14499	3.740	ng	# 1
77) Benzidine	12.898	184	10851	3.155	ng	# 91

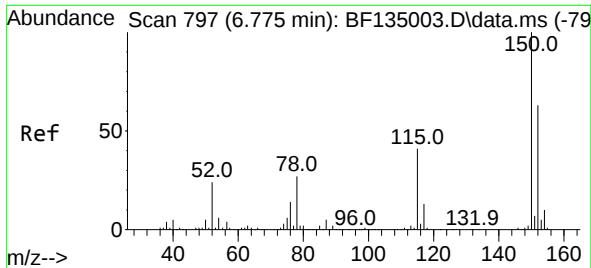
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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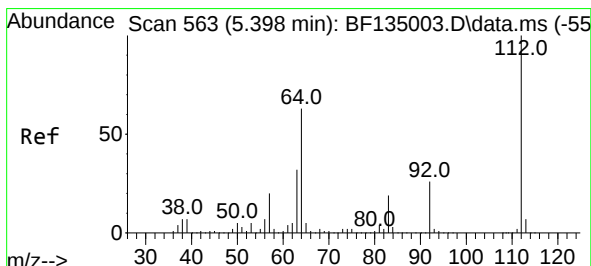
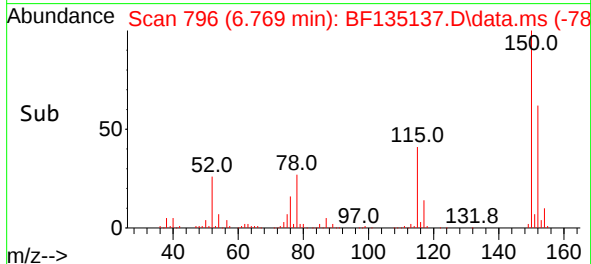
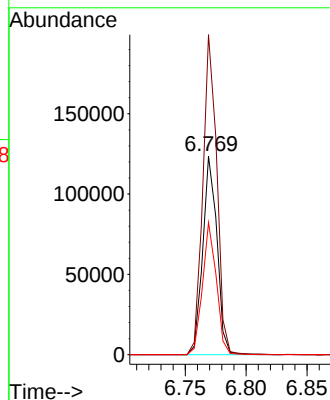
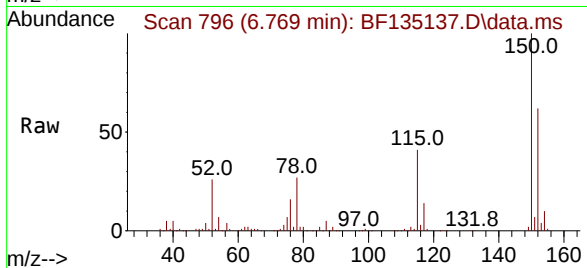




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

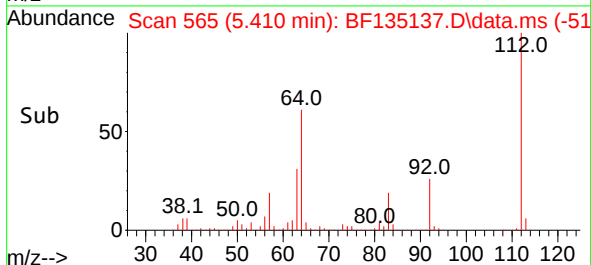
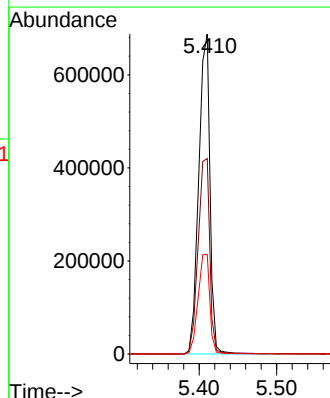
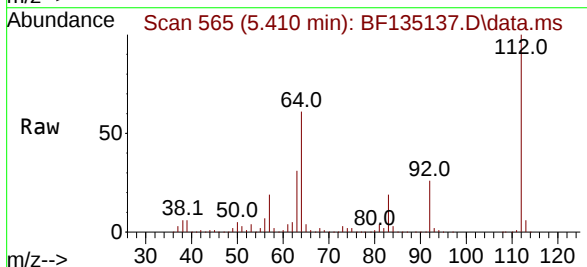
Instrument :
BNA_F
ClientSampleId :
C-2

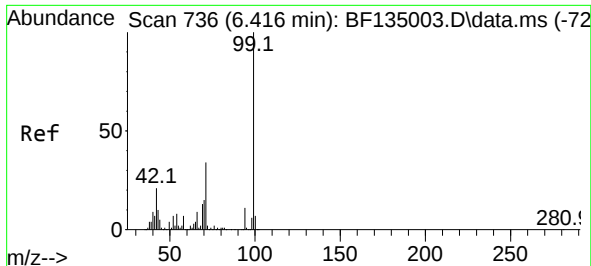
Tgt Ion:152 Resp: 100316
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.4
115 66.6 51.2 76.8



#5
2-Fluorophenol
Concen: 106.529 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion:112 Resp: 691857
Ion Ratio Lower Upper
112 100
64 61.1 50.5 75.7
63 31.1 25.9 38.9





#7
Phenol-d6
Concen: 105.789 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

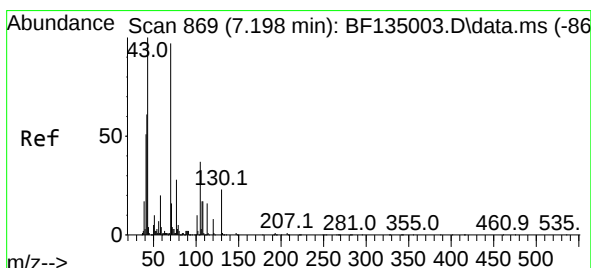
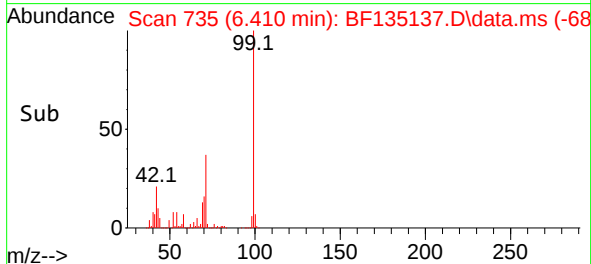
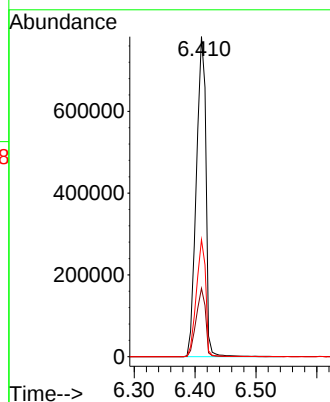
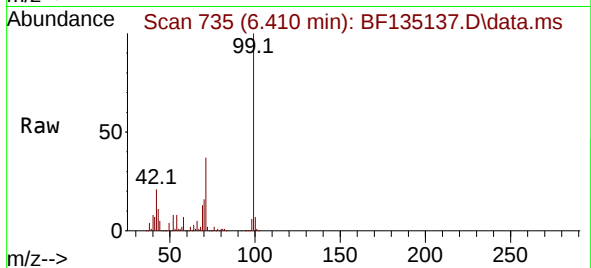
Instrument :

BNA_F

ClientSampleId :

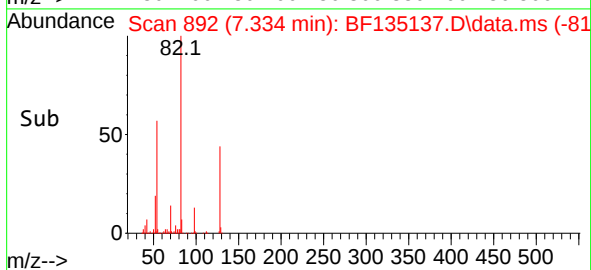
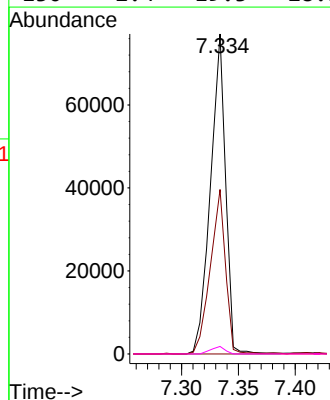
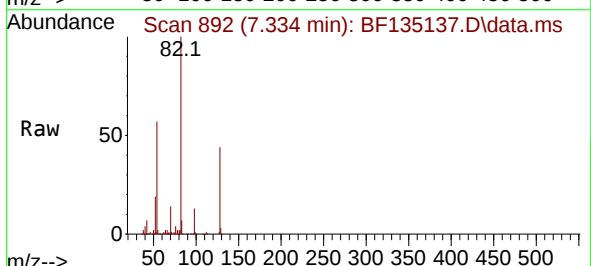
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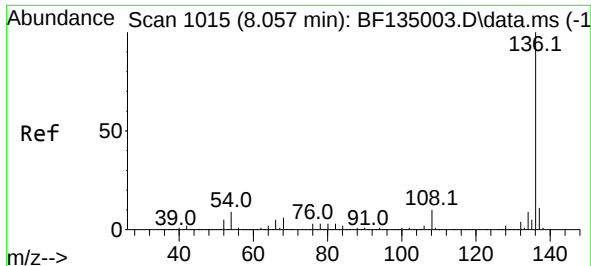
Tgt Ion: 99 Resp: 856365
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 36.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.822 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion: 70 Resp: 71270
Ion Ratio Lower Upper
70 100
42 51.4 50.2 75.4
101 0.0 8.1 12.1#
130 2.4 19.3 28.9#

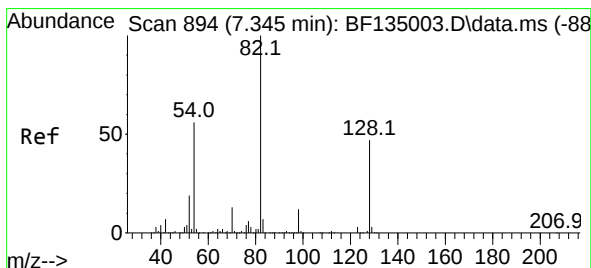
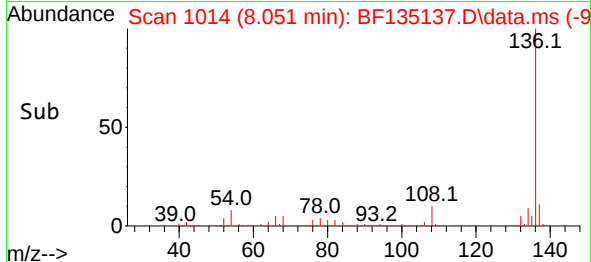
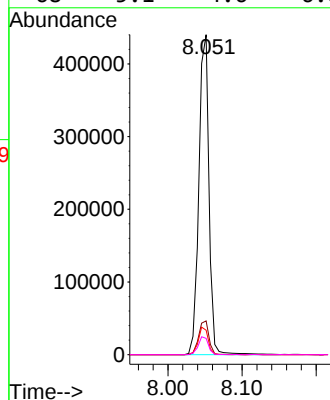
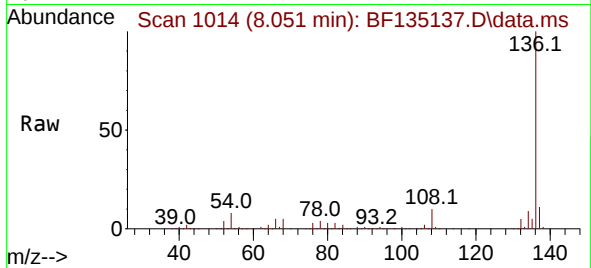




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

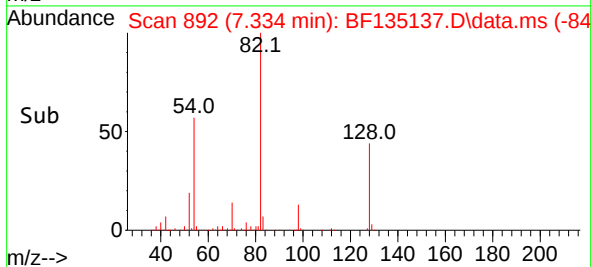
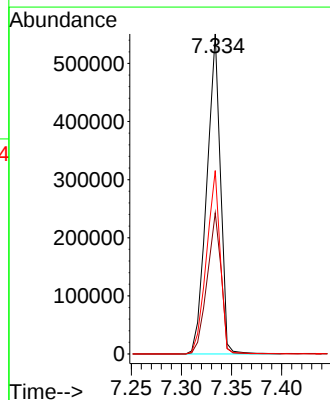
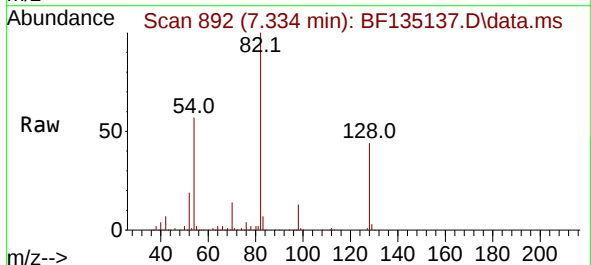
Instrument :
BNA_F
ClientSampleId :
C-2

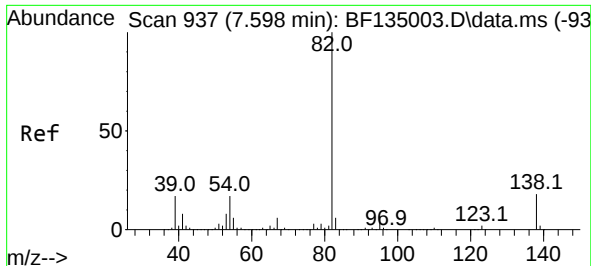
Tgt Ion:136	Resp: 416647
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 7.7	7.0 10.4
68 5.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 70.895 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion: 82	Resp: 525770
Ion Ratio	Lower Upper
82 100	
128 44.1	37.8 56.8
54 57.3	45.0 67.6

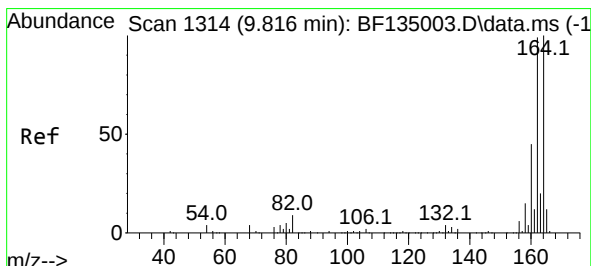
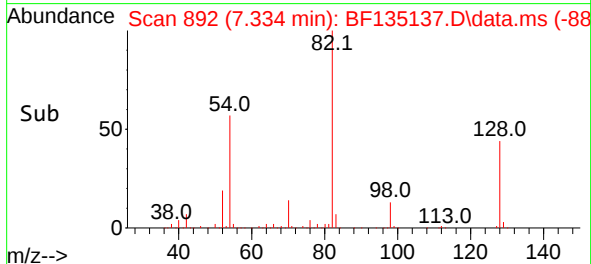
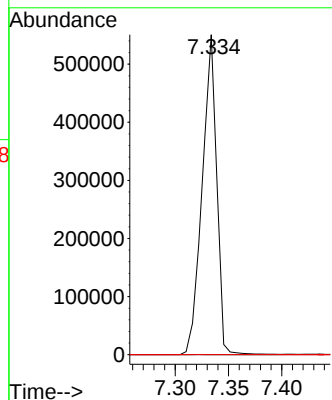
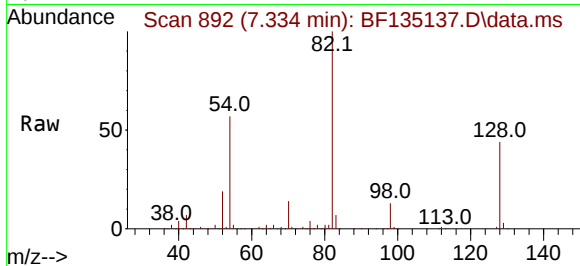




#25
Isophorone
Concen: 37.391 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

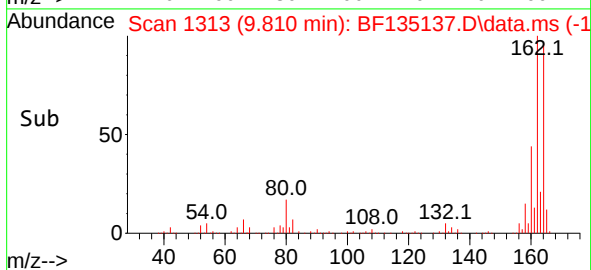
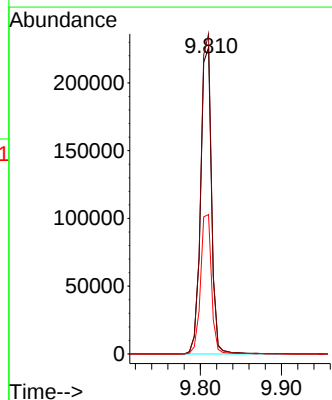
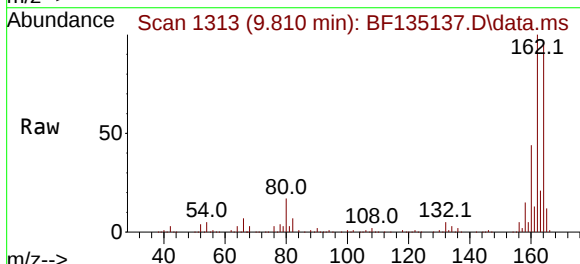
Instrument :
BNA_F
ClientSampleId :
C-2

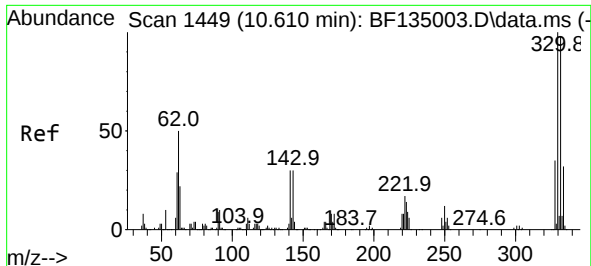
Tgt Ion: 82 Resp: 525759
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion: 164 Resp: 210770
Ion Ratio Lower Upper
164 100
162 104.4 79.5 119.3
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 103.630 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135137.D

Acq: 07 Sep 2023 16:44

Instrument :

BNA_F

ClientSampleId :

C-2

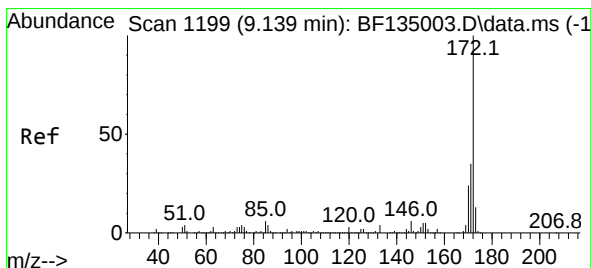
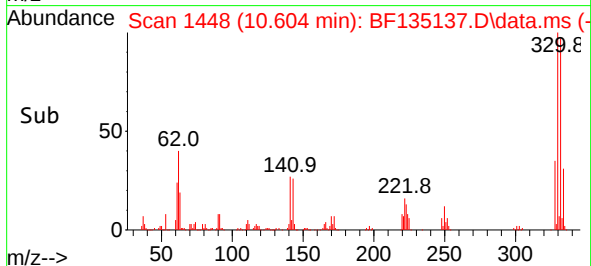
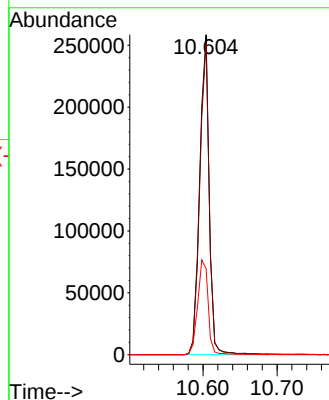
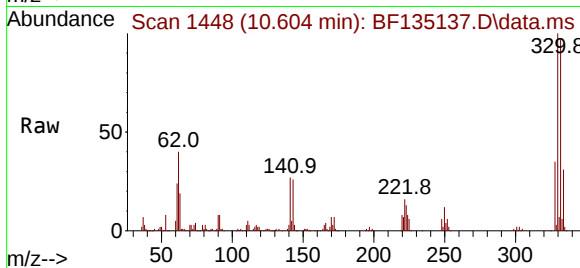
Tgt Ion:330 Resp: 231699

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 32.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 72.034 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135137.D

Acq: 07 Sep 2023 16:44

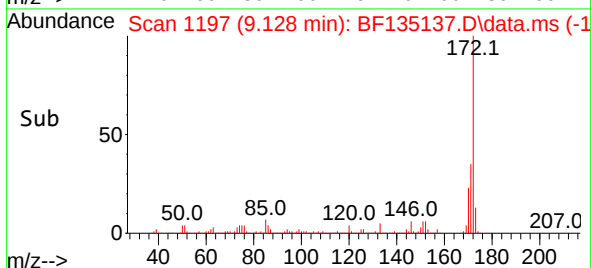
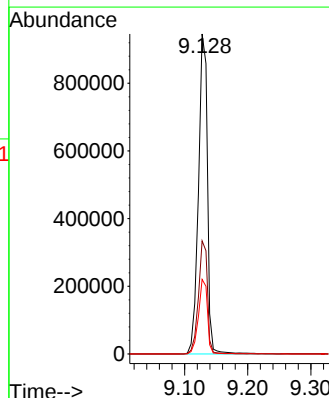
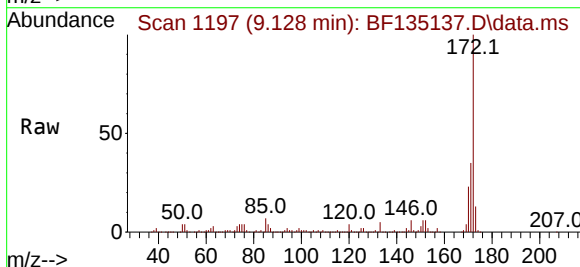
Tgt Ion:172 Resp: 932531

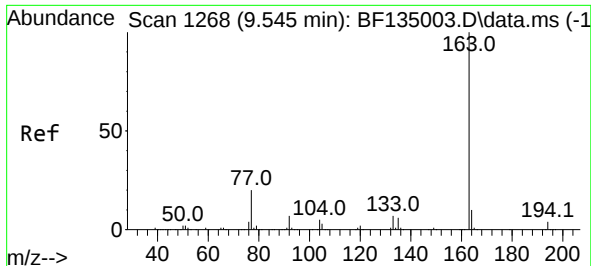
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 19.0 28.4

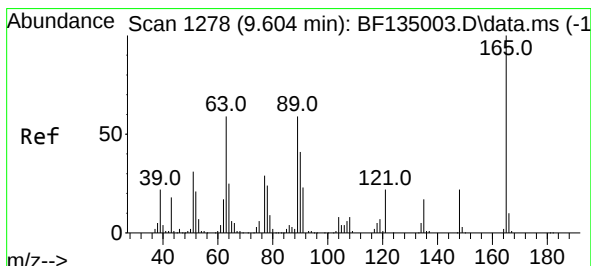
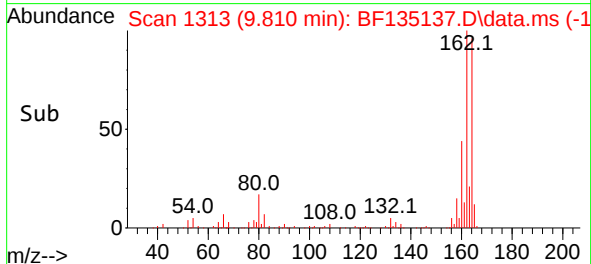
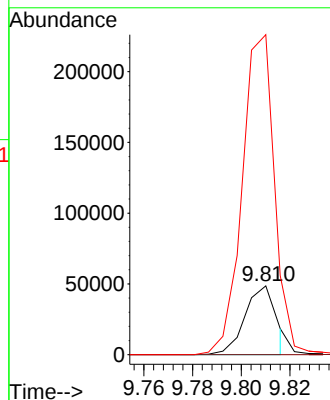
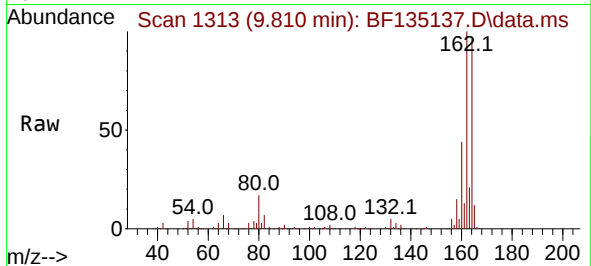




#50
Dimethylphthalate
Concen: 2.926 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

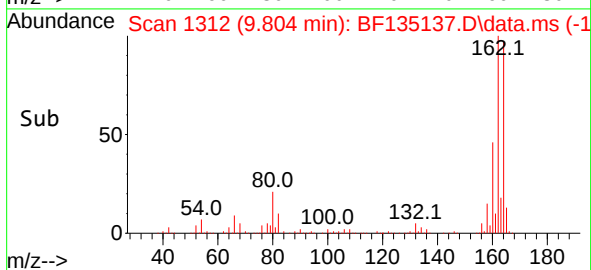
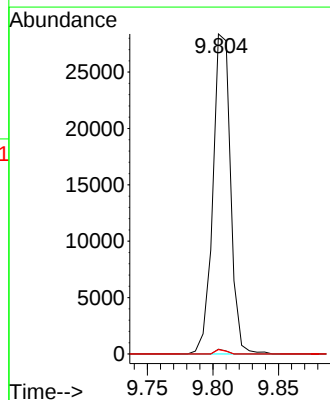
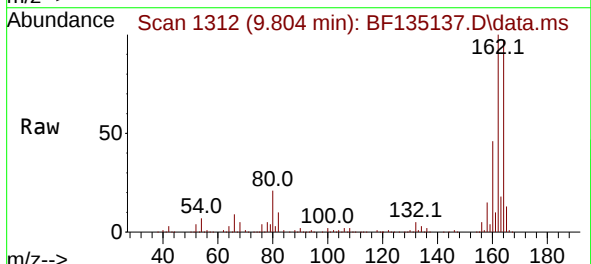
Instrument :
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ClientSampleId :
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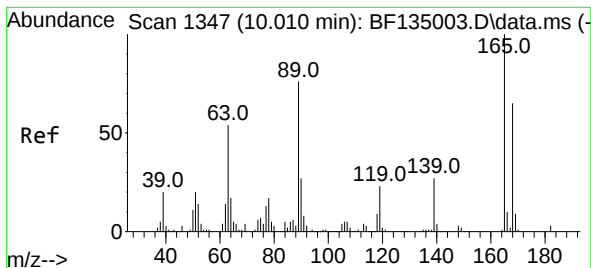
Tgt Ion:163 Resp: 43190
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.207 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion:165 Resp: 26578
Ion Ratio Lower Upper
165 100
63 1.5 50.4 75.6#
89 1.4 47.1 70.7#

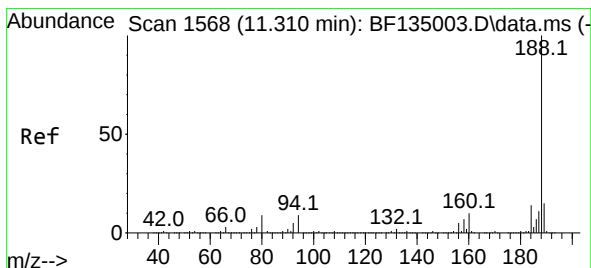
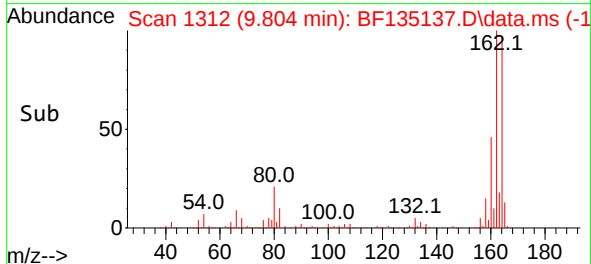
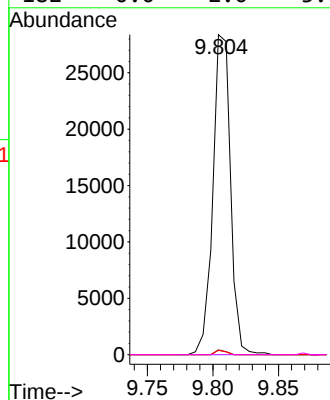
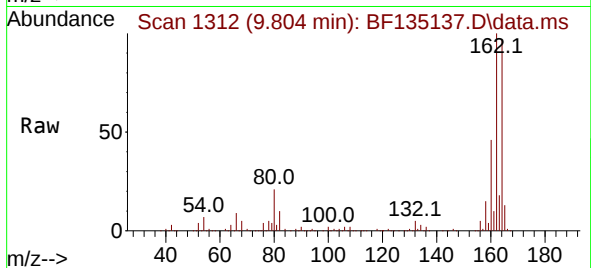




#57
2,4-Dinitrotoluene
Concen: 6.586 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

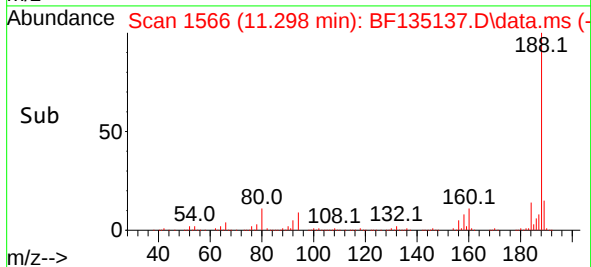
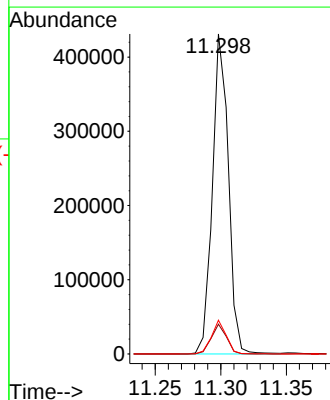
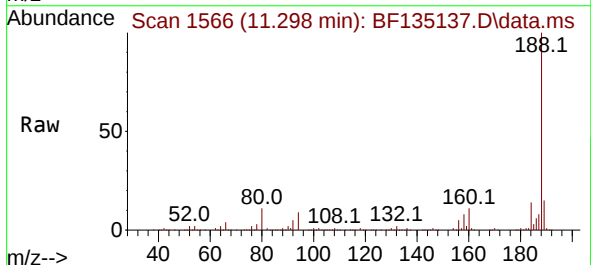
Instrument :
BNA_F
ClientSampleId :
C-2

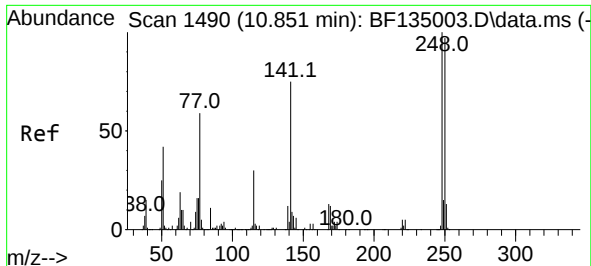
Tgt Ion:165 Resp: 26578
Ion Ratio Lower Upper
165 100
63 1.5 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion:188 Resp: 365461
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.6 7.4 11.2

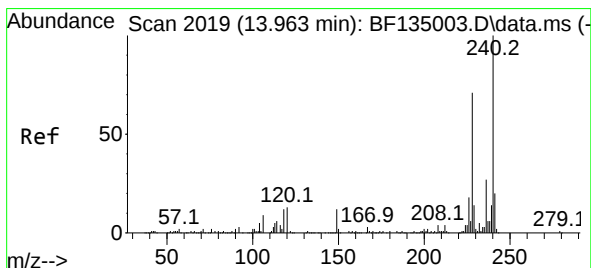
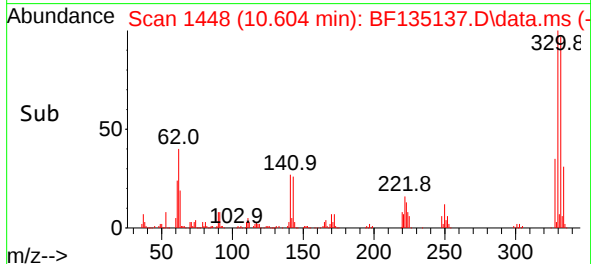
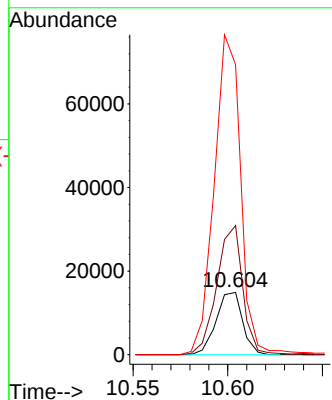
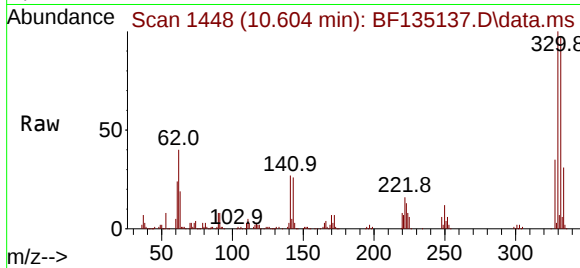




#67
4-Bromophenyl-phenylether
Concen: 3.740 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

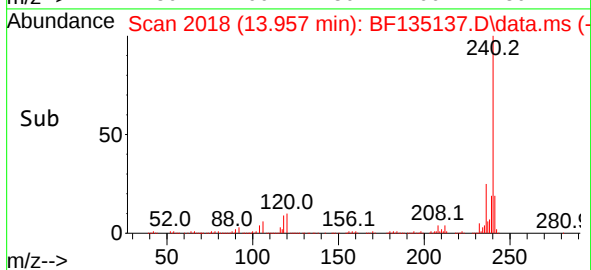
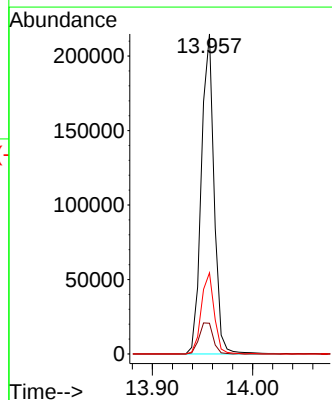
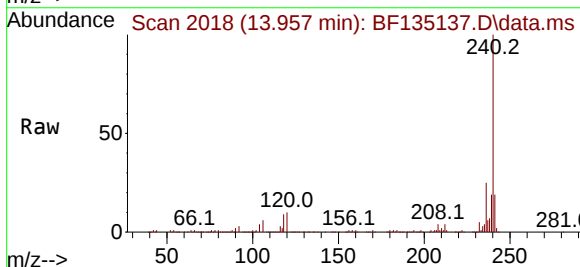
Instrument :
BNA_F
ClientSampleId :
C-2

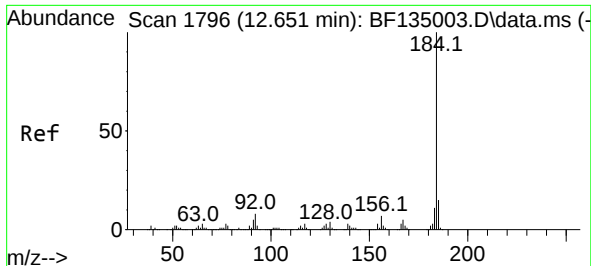
Tgt Ion:248 Resp: 14499
Ion Ratio Lower Upper
248 100
250 207.3 77.9 116.9#
141 465.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion:240 Resp: 190780
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.2#
236 25.4 21.3 31.9

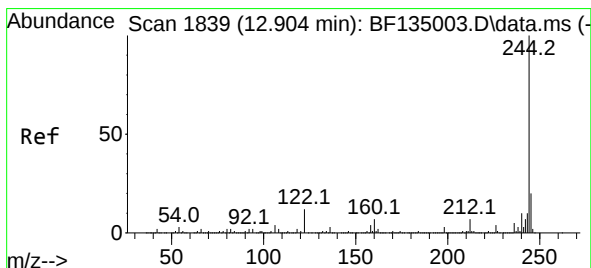
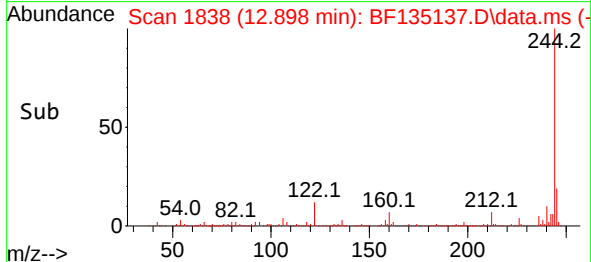
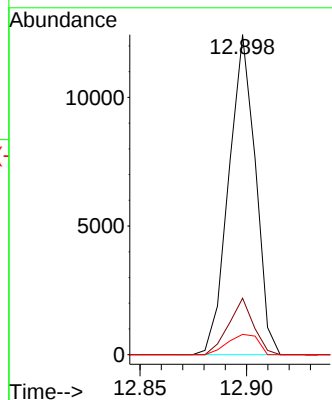
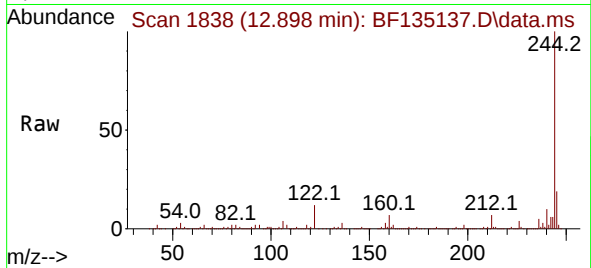




#77
Benzidine
Concen: 3.155 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

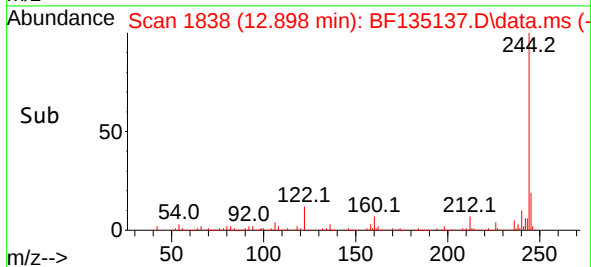
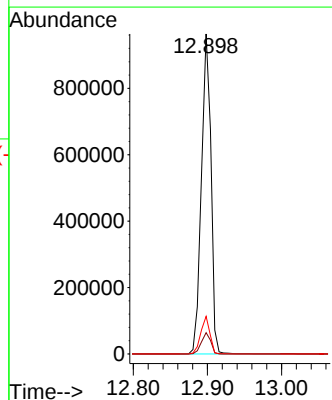
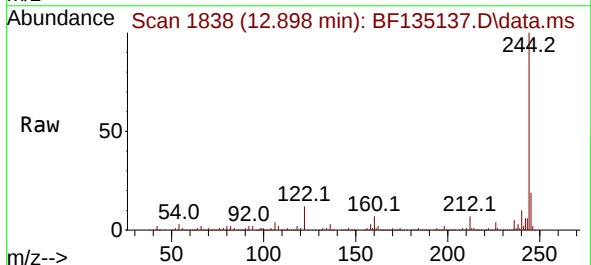
Instrument :
BNA_F
ClientSampleId :
C-2

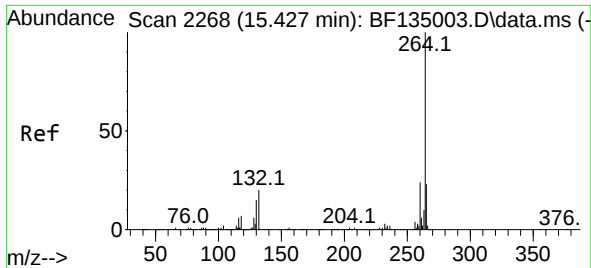
Tgt Ion:184 Resp: 10851
Ion Ratio Lower Upper
184 100
185 17.6 12.0 18.0
183 6.4 9.0 13.6#



#79
Terphenyl-d14
Concen: 73.598 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135137.D
Acq: 07 Sep 2023 16:44

Tgt Ion:244 Resp: 860414
Ion Ratio Lower Upper
244 100
212 6.6 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: BF135137.D
Acq: 07 Sep 2023 16:44

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:264 Resp: 206526
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 21.5 18.2 27.2

