

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135191.D
 Acq On : 12 Sep 2023 20:27
 Operator : CG\JU
 Sample : 04336-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

Quant Time: Sep 13 02:45:27 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)

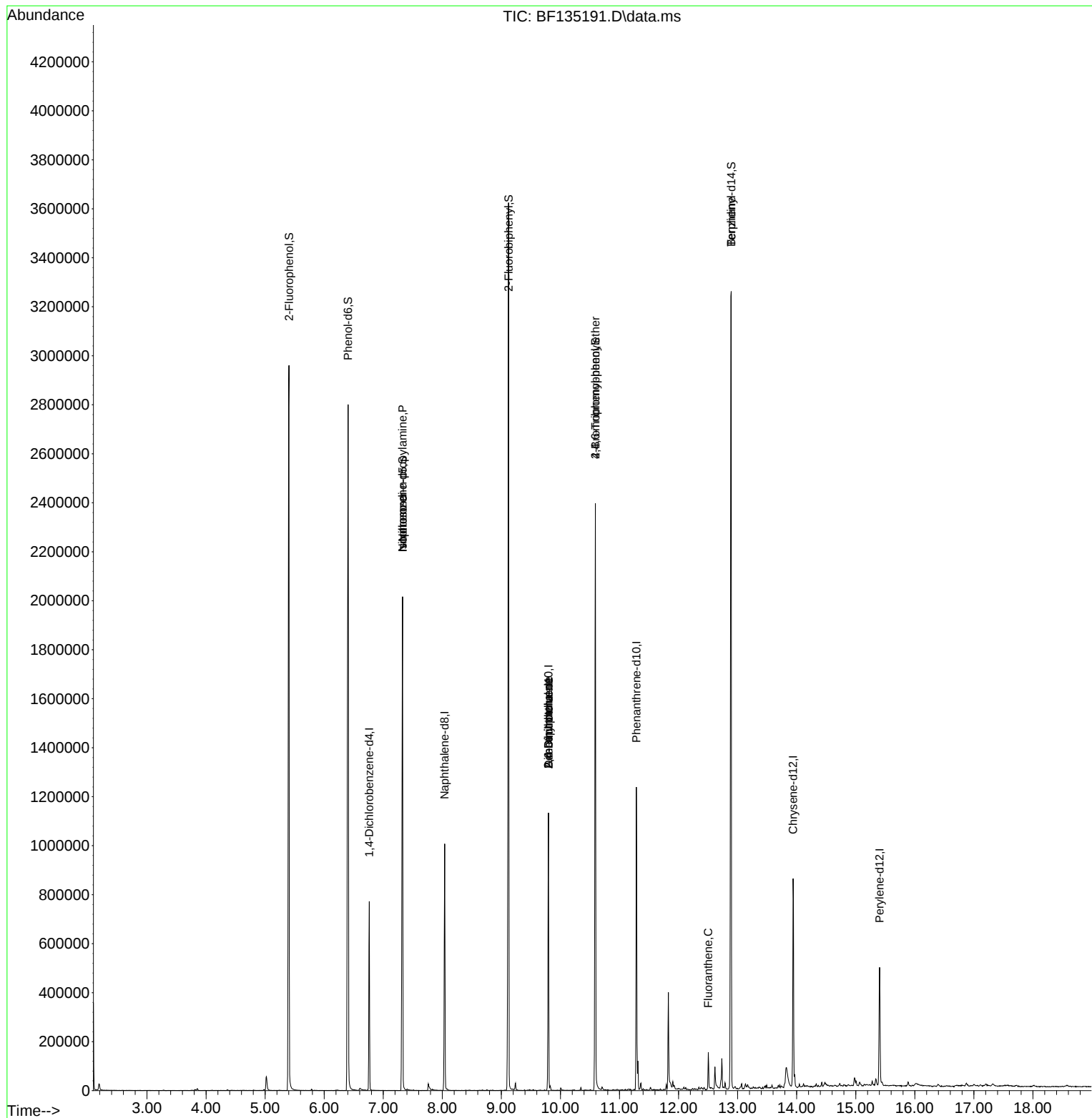
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	107696	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	421890	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	220132	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	442887	20.000	ng	0.00
76) Chrysene-d12	13.939	240	285957	20.000	ng	0.00
86) Perylene-d12	15.404	264	233019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	837229	126.440	ng	0.02
7) Phenol-d6	6.404	99	1075038	127.681	ng	0.00
23) Nitrobenzene-d5	7.328	82	674607	86.873	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	298675	136.532	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1179694	80.853	ng	0.00
79) Terphenyl-d14	12.892	244	1339119	72.595	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	91180	17.484	ng	# 78
25) Isophorone	7.328	82	669650	46.962	ng	# 65
50) Dimethylphthalate	9.798	163	45344	3.047	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29031	8.904	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	29031	7.112	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	18320	4.159	ng	# 1
75) Fluoranthene	12.504	202	58195	2.666	ng	98
77) Benzidine	12.892	184	16588	2.832	ng	# 94

(#) = 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

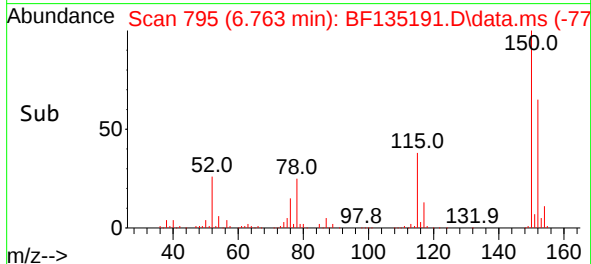
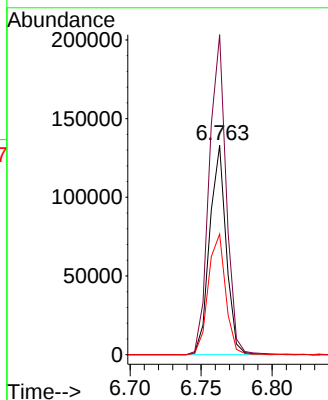
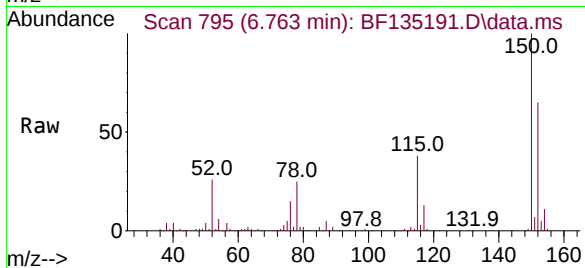




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135191.D
 Acq: 12 Sep 2023 20:27

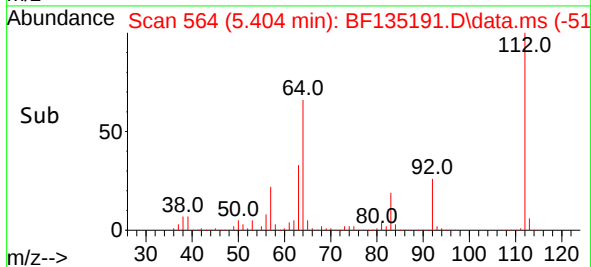
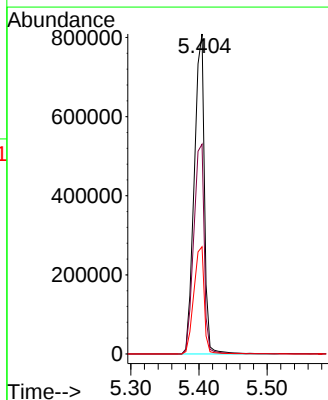
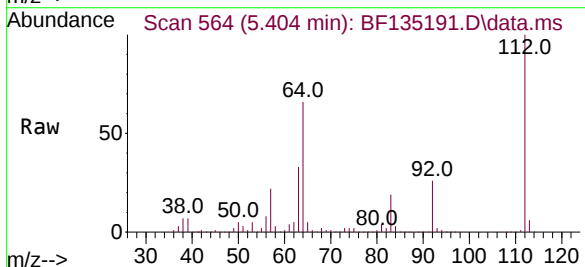
Instrument :
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 TRENCH-B

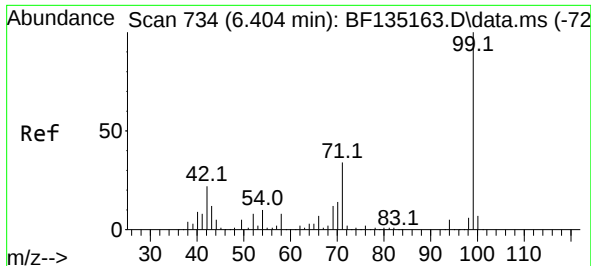
Tgt Ion:152 Resp: 107696
 Ion Ratio Lower Upper
 152 100
 150 152.9 127.8 191.6
 115 57.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 126.440 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF135191.D
 Acq: 12 Sep 2023 20:27

Tgt Ion:112 Resp: 837229
 Ion Ratio Lower Upper
 112 100
 64 65.6 55.9 83.9
 63 33.5 29.0 43.6

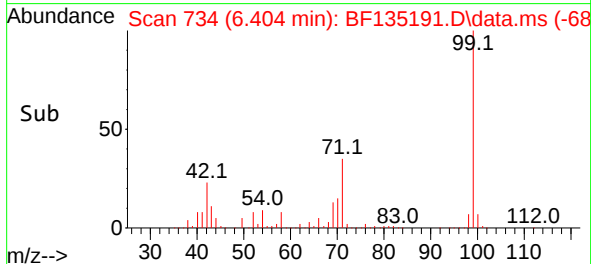
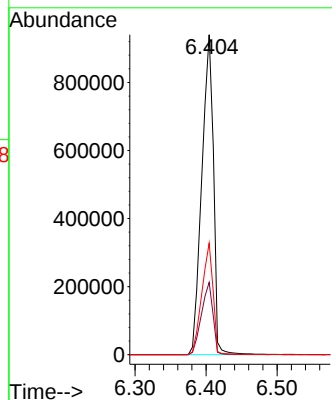
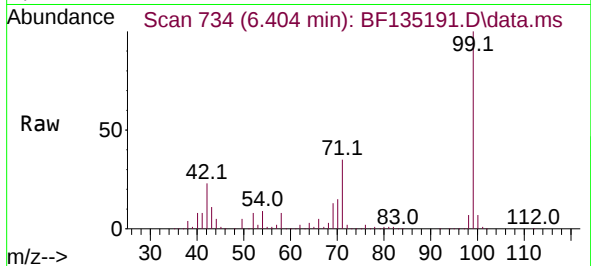




#7
Phenol-d6
Concen: 127.681 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

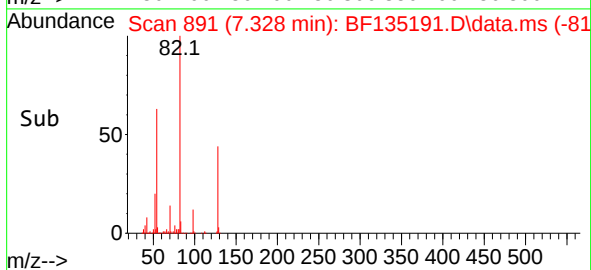
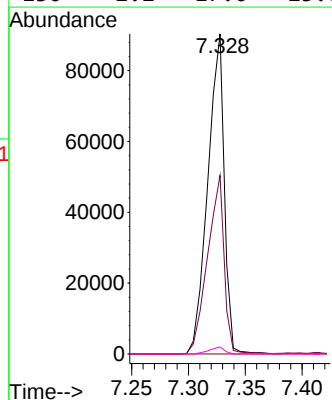
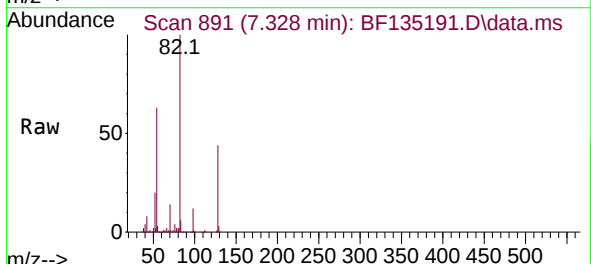
Instrument :
BNA_F
ClientSampleId :
TRENCH-B

Tgt Ion: 99 Resp: 1075038
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.484 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion: 70 Resp: 91180
Ion Ratio Lower Upper
70 100
42 55.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

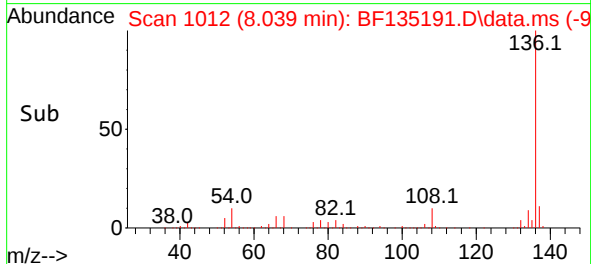
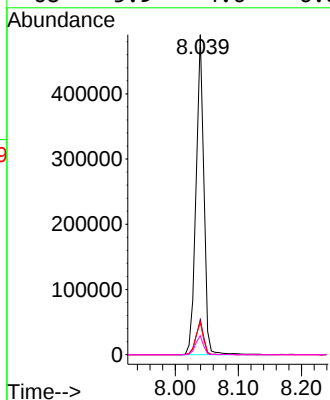
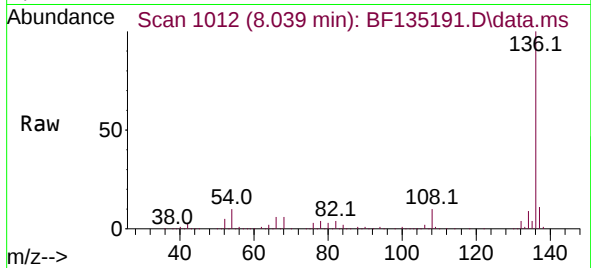




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

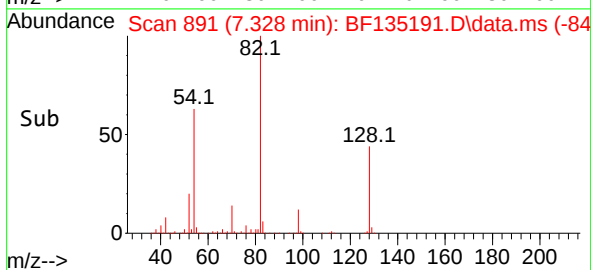
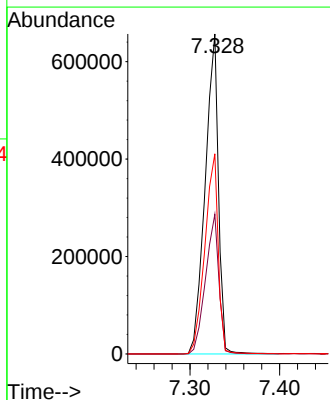
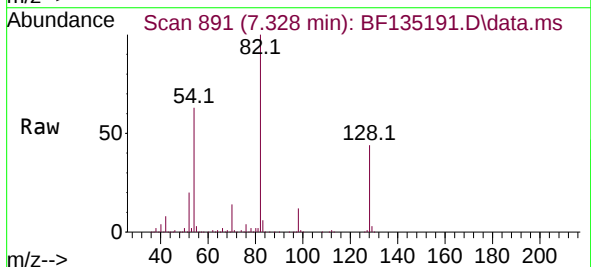
Instrument :
BNA_F
ClientSampleId :
TRENCH-B

Tgt Ion:136	Resp: 421890
Ion Ratio	Lower Upper
136	100
137	11.0 8.8 13.2
54	10.0 7.7 11.5
68	5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 86.873 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion: 82	Resp: 674607
Ion Ratio	Lower Upper
82	100
128	43.7 35.8 53.6
54	62.6 50.6 76.0

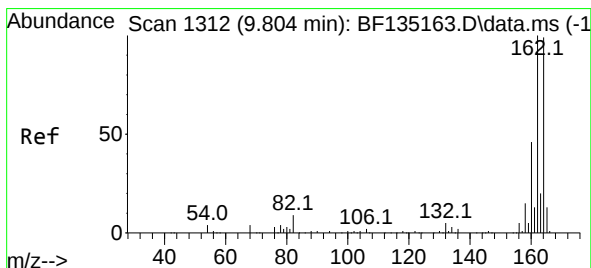
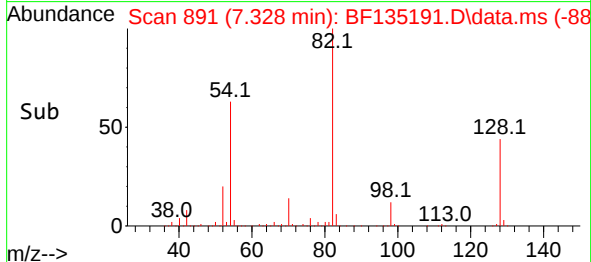
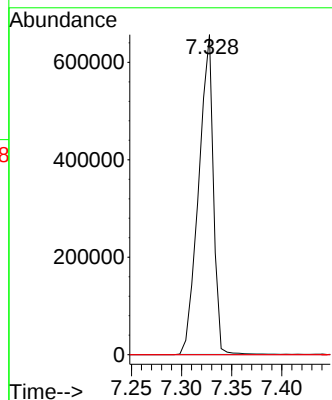
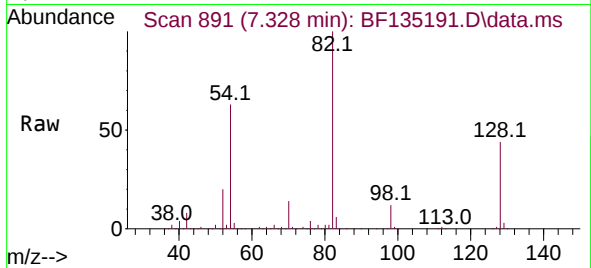




#25
Isophorone
Concen: 46.962 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

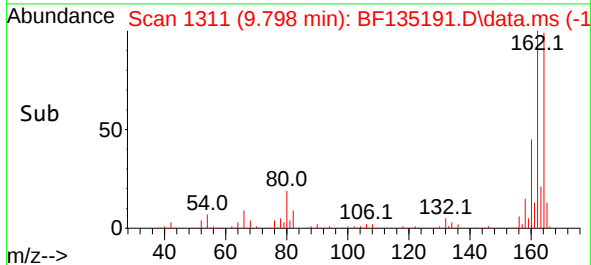
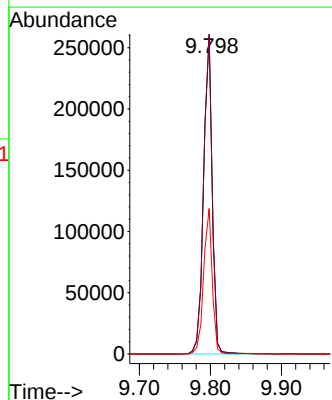
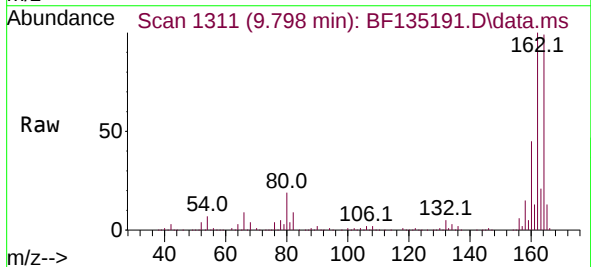
Instrument :
BNA_F
ClientSampleId :
TRENCH-B

Tgt Ion: 82 Resp: 669650
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: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion: 164 Resp: 220132
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.8 37.0 55.4

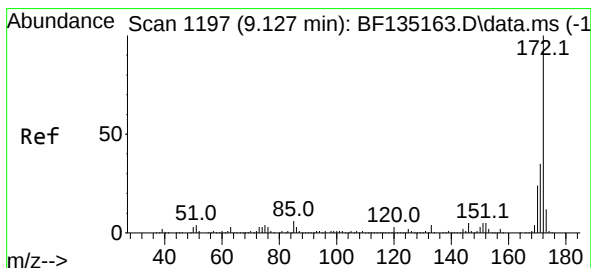
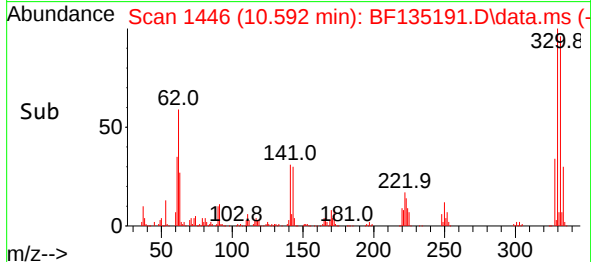
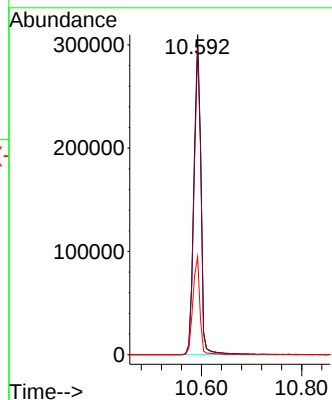
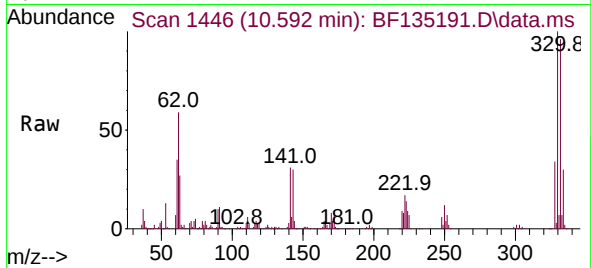




#42
2,4,6-Tribromophenol
Concen: 136.532 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

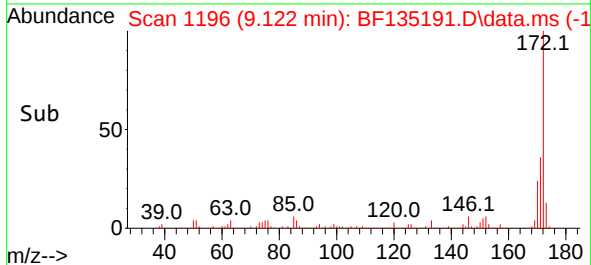
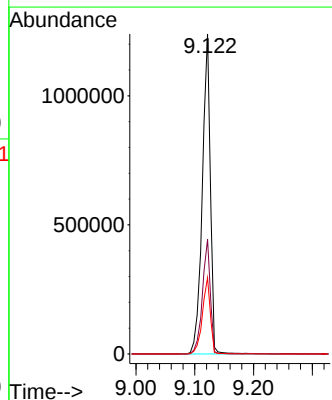
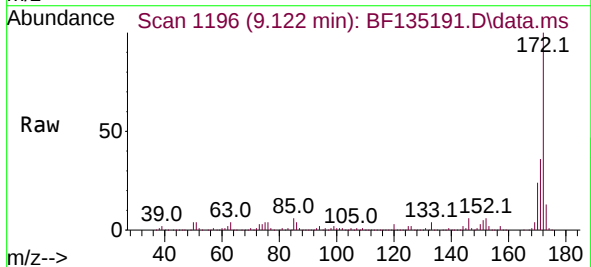
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BNA_F
ClientSampleId :
TRENCH-B

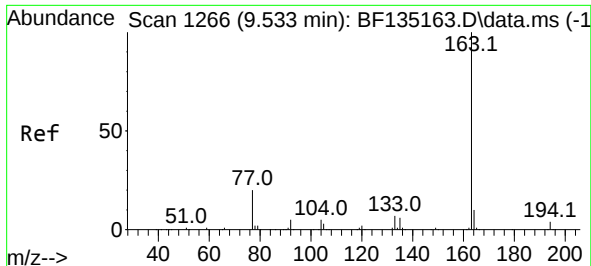
Tgt Ion: 330 Resp: 298675
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.853 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion: 172 Resp: 1179694
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 19.0 28.4

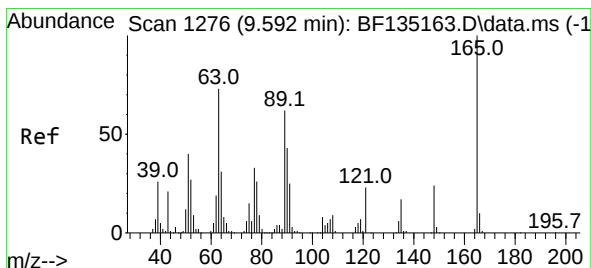
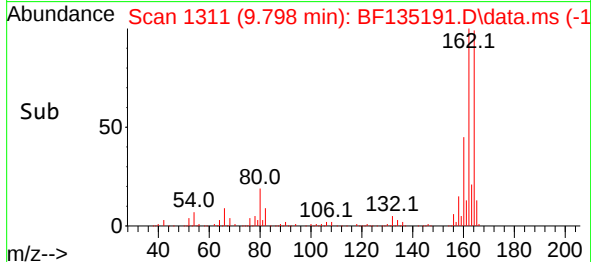
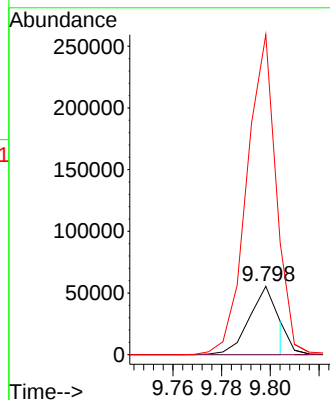
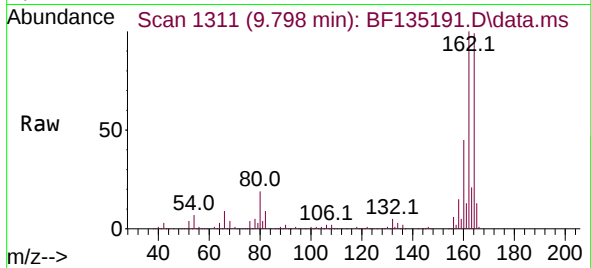




#50
Dimethylphthalate
Concen: 3.047 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

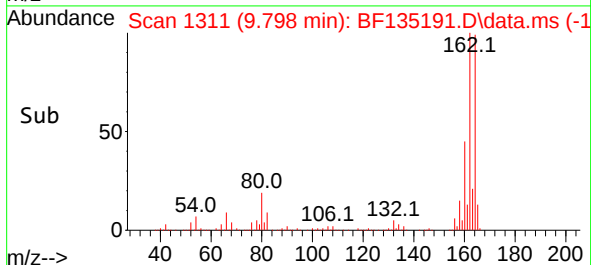
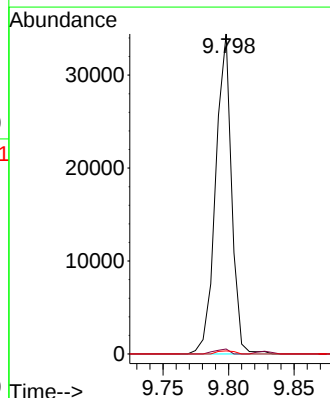
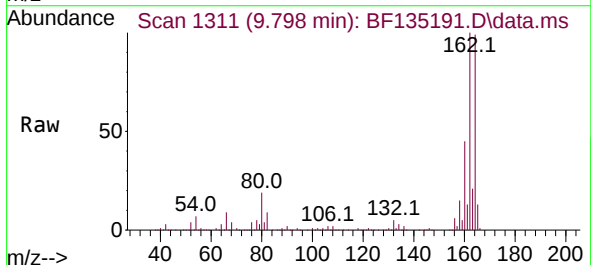
Instrument :
BNA_F
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TRENCH-B

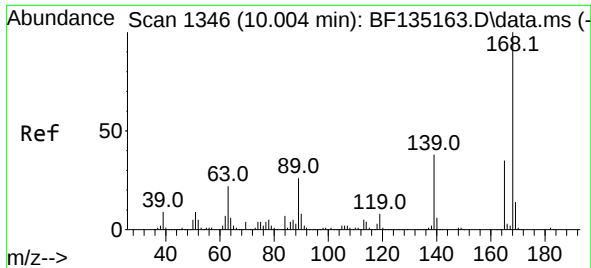
Tgt Ion:163 Resp: 45344
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 467.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.904 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion:165 Resp: 29031
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 0.9 49.8 74.8#

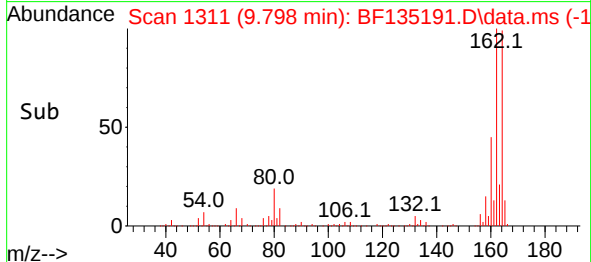
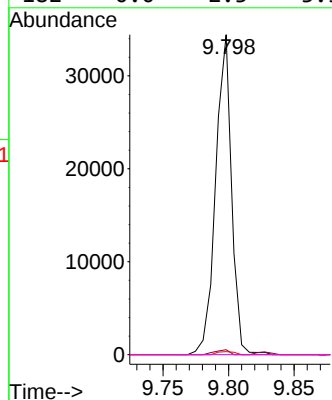
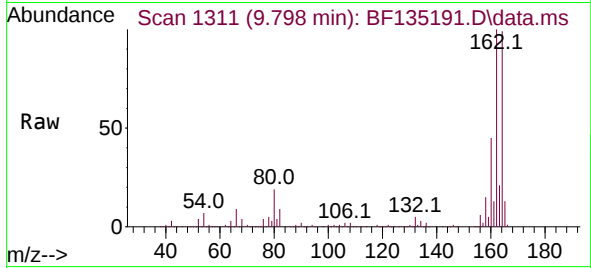




#57
2,4-Dinitrotoluene
Concen: 7.112 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

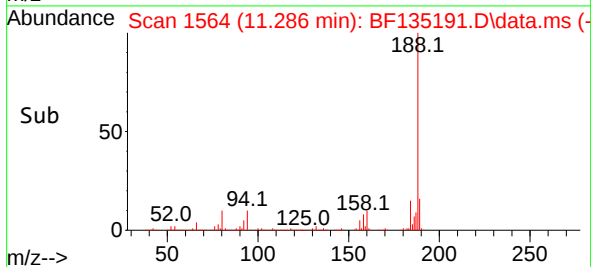
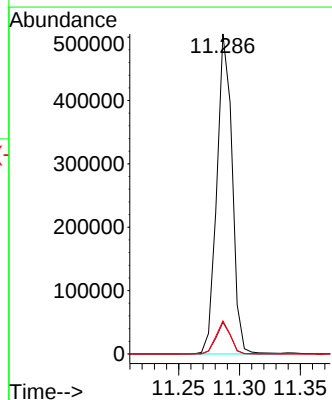
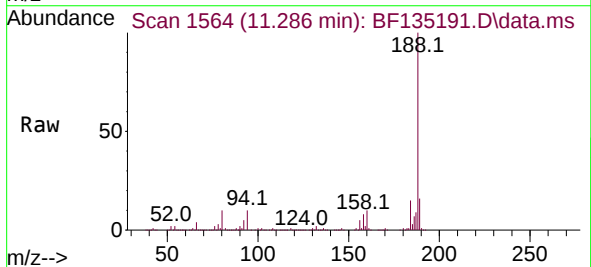
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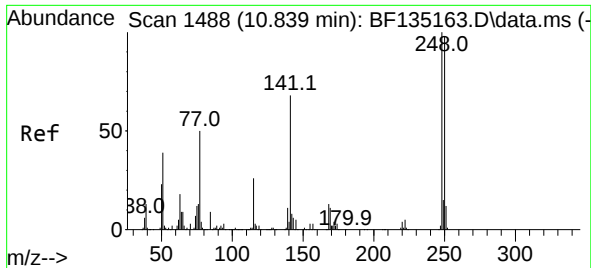
Tgt Ion:165 Resp: 29031
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion:188 Resp: 442887
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.4 7.5 11.3

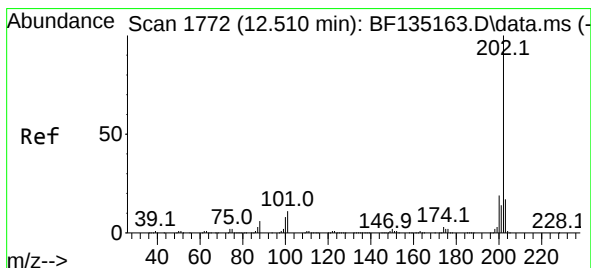
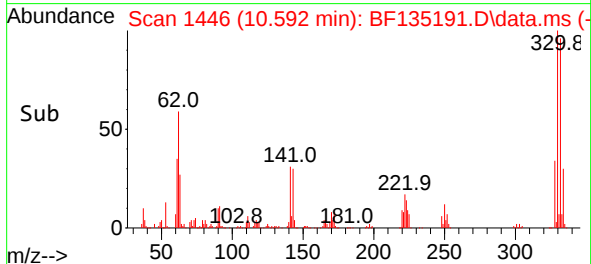
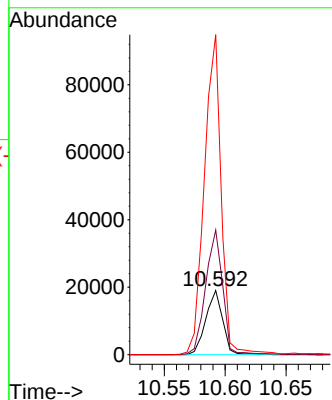
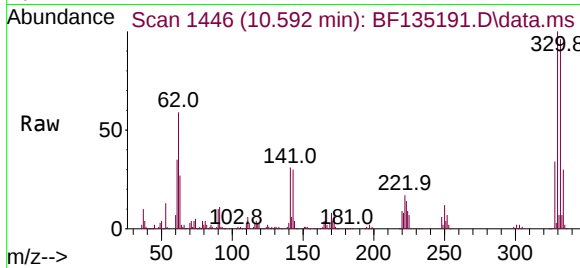




#67
4-Bromophenyl-phenylether
Concen: 4.159 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

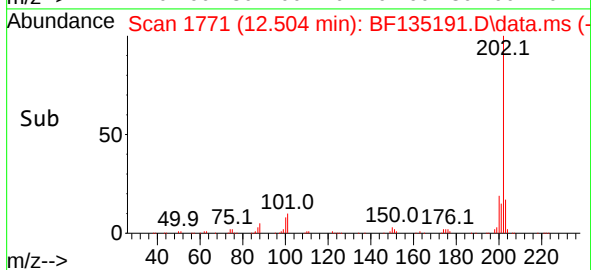
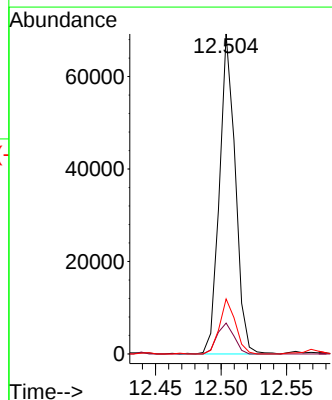
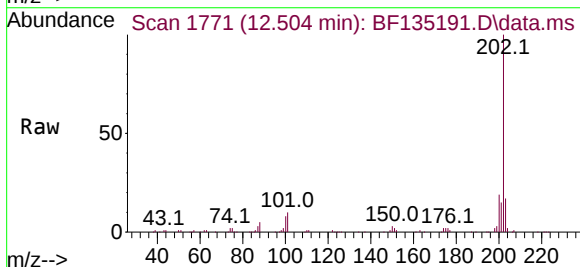
Instrument :
BNA_F
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TRENCH-B

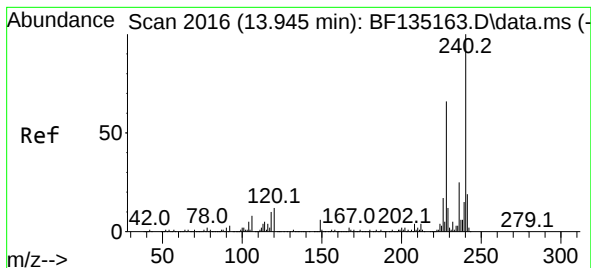
Tgt Ion:248 Resp: 18320
Ion Ratio Lower Upper
248 100
250 194.6 78.6 117.8#
141 499.2 54.2 81.2#



#75
Fluoranthene
Concen: 2.666 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135191.D
Acq: 12 Sep 2023 20:27

Tgt Ion:202 Resp: 58195
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.3
203 17.2 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135191.D

Acq: 12 Sep 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-B

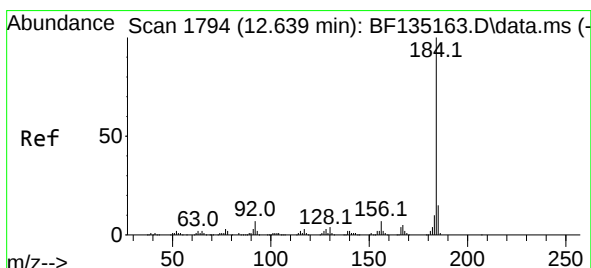
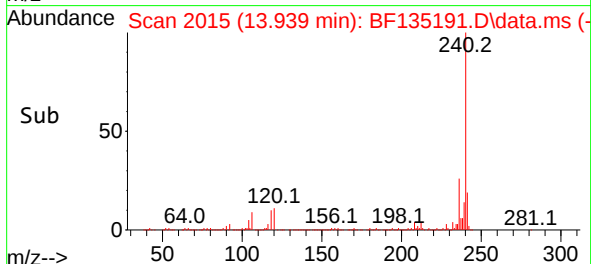
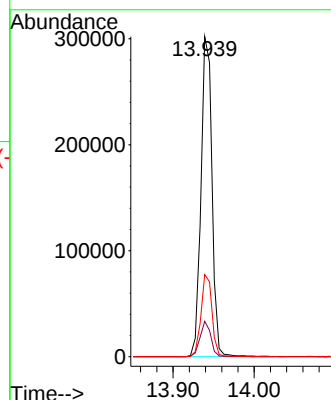
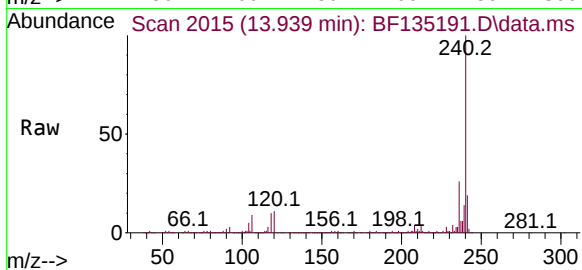
Tgt Ion:240 Resp: 285957

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.6 19.8 29.8



#77

Benzidine

Concen: 2.832 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135191.D

Acq: 12 Sep 2023 20:27

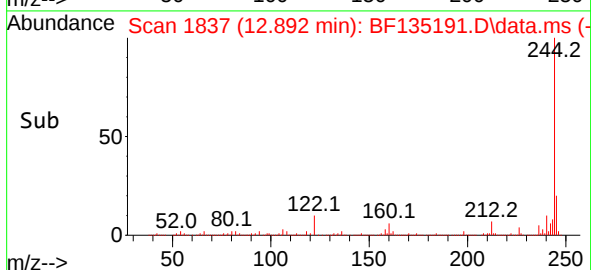
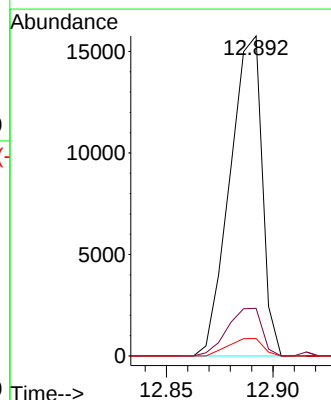
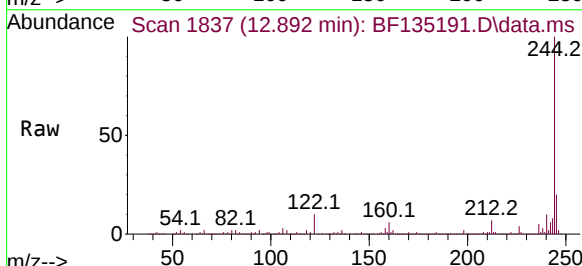
Tgt Ion:184 Resp: 16588

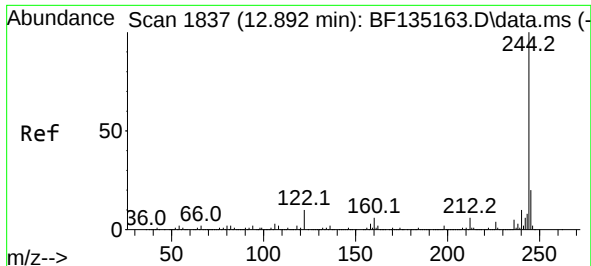
Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 5.4 8.2 12.4#

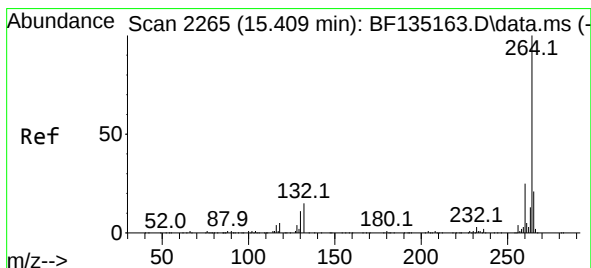
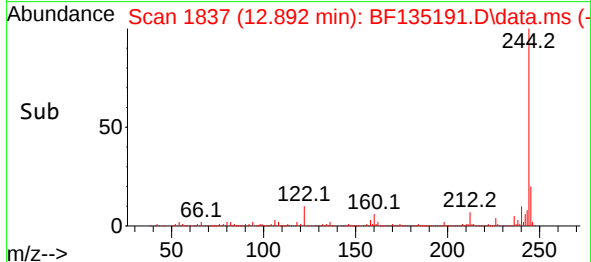
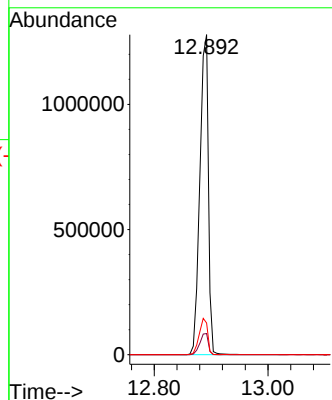
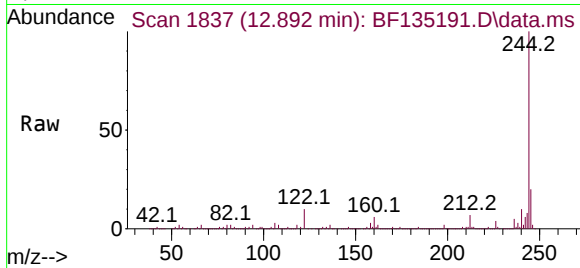




#79
 Terphenyl-d14
 Concen: 72.595 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135191.D
 Acq: 12 Sep 2023 20:27

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-B

Tgt Ion:244 Resp: 1339119
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135191.D
 Acq: 12 Sep 2023 20:27

Tgt Ion:264 Resp: 233019
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.7 17.0 25.4

