

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135498.D
 Acq On : 28 Sep 2023 17:36
 Operator : CG\JU
 Sample : 04620-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-OUT

Quant Time: Sep 29 00:24:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

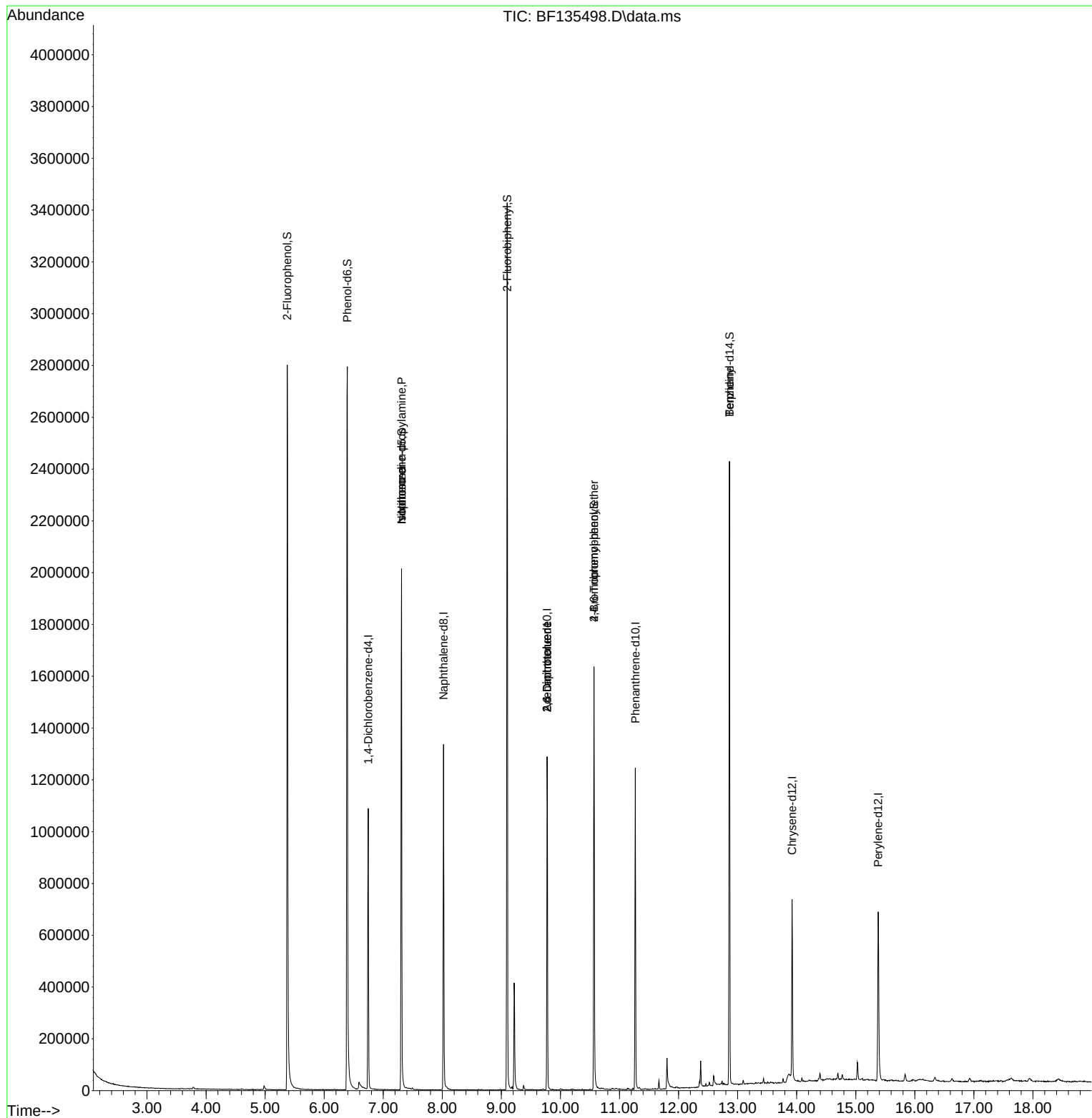
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	147775	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	561668	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	256465	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	427604	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	236695	20.000	ng	0.00
86) Perylene-d12	15.380	264	306777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	828221	91.156	ng	0.00
7) Phenol-d6	6.392	99	1029520	89.112	ng	0.00
23) Nitrobenzene-d5	7.310	82	627897	60.736	ng	0.00
42) 2,4,6-Tribromophenol	10.568	330	177289	69.562	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1052403	61.910	ng	0.00
79) Terphenyl-d14	12.862	244	815218	53.391	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	82707	11.558	ng	# 78
25) Isophorone	7.310	82	627890	33.075	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	32268	8.495	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	32268	6.785	ng	# 18
67) 4-Bromophenyl-phenylether	10.568	248	11489	2.701	ng	# 1
77) Benzidine	12.862	184	9905	2.043	ng	# 96

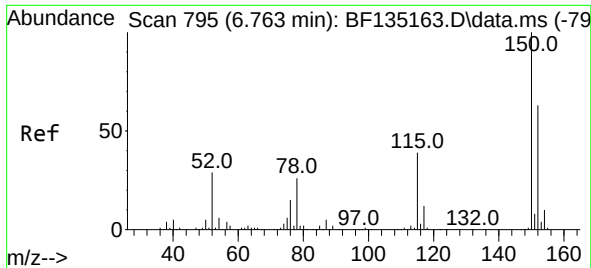
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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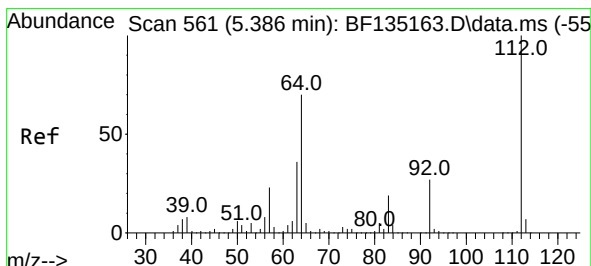
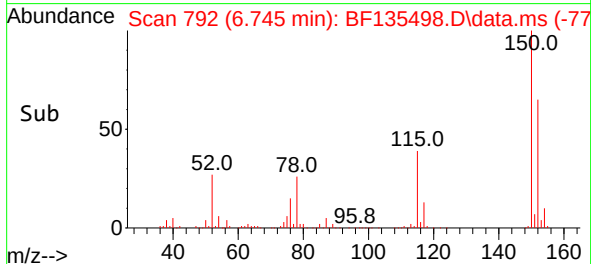
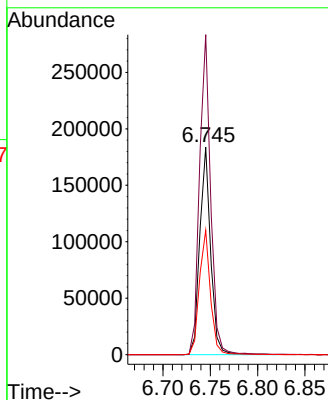
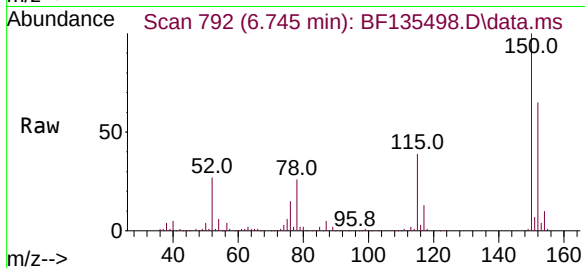




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

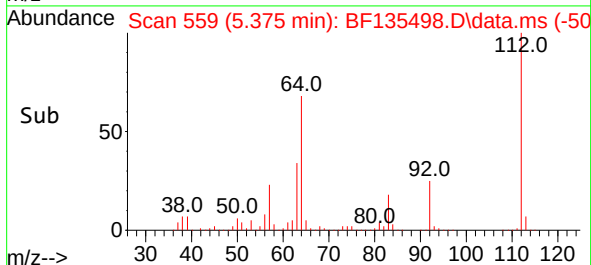
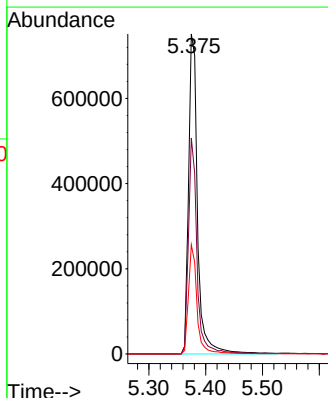
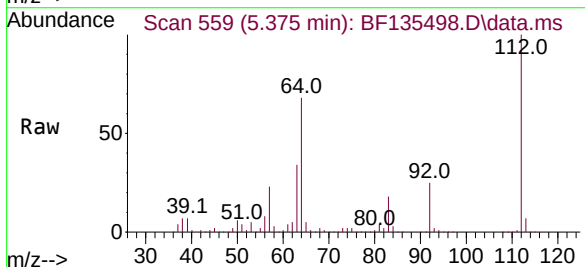
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

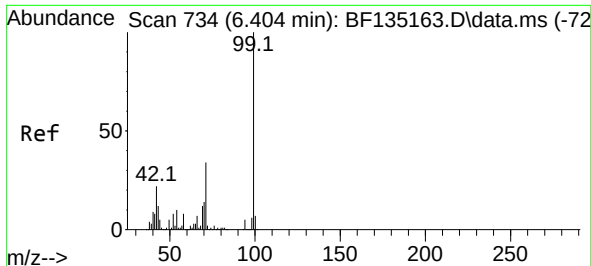
Tgt Ion:152 Resp: 147775
Ion Ratio Lower Upper
152 100
150 154.2 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 91.156 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

Tgt Ion:112 Resp: 828221
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 34.1 29.0 43.6

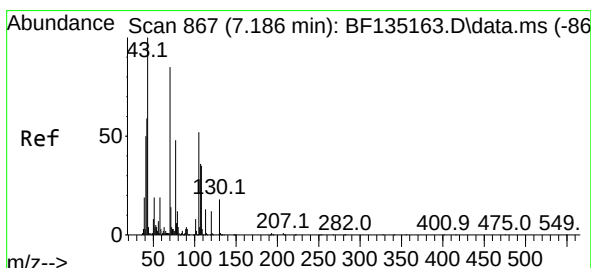
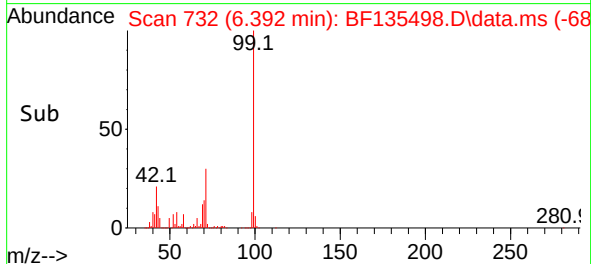
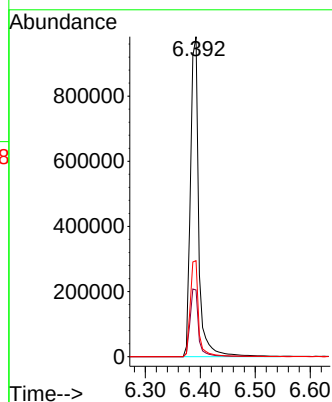
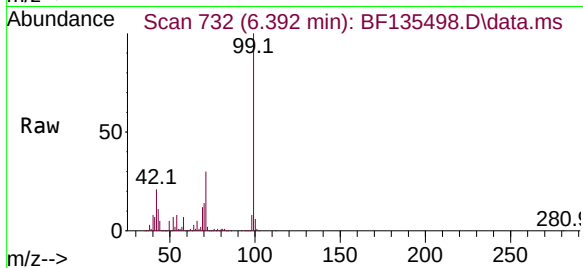




#7
Phenol-d6
Concen: 89.112 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

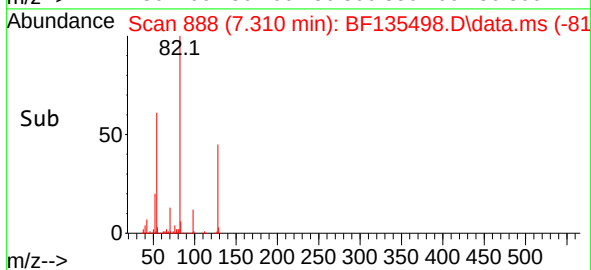
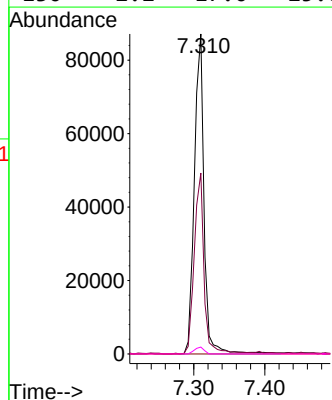
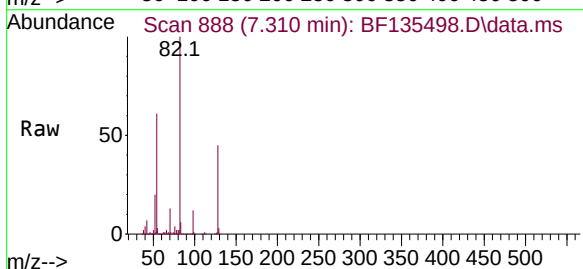
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

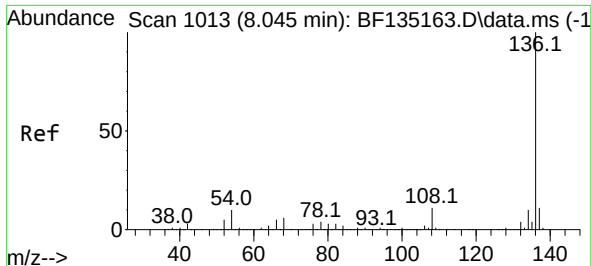
Tgt Ion: 99 Resp: 1029520
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 30.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.558 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

Tgt Ion: 70 Resp: 82707
Ion Ratio Lower Upper
70 100
42 56.5 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: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

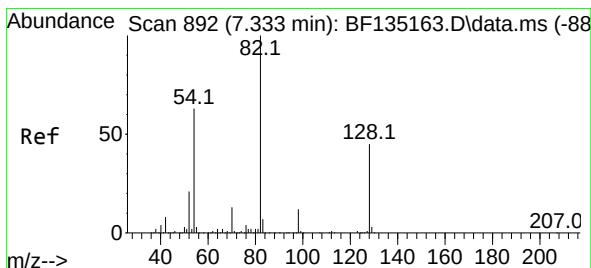
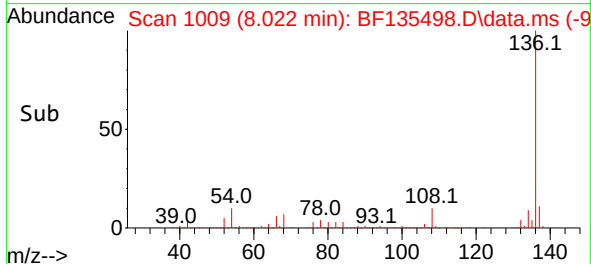
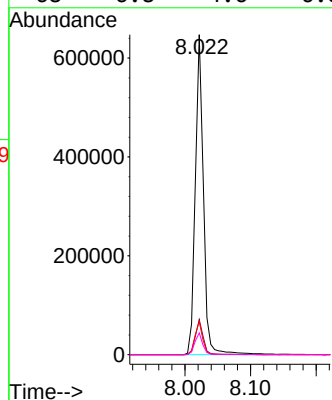
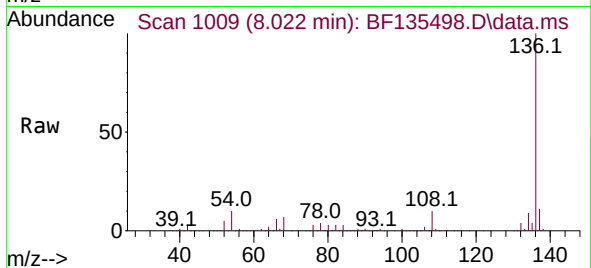
Instrument :

BNA_F

ClientSampleId :

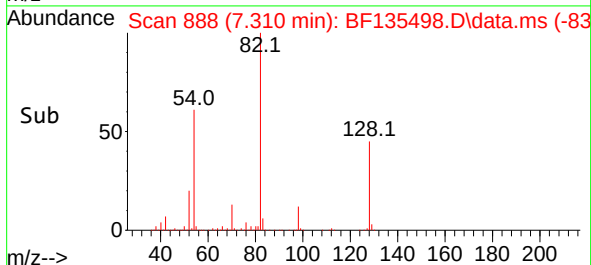
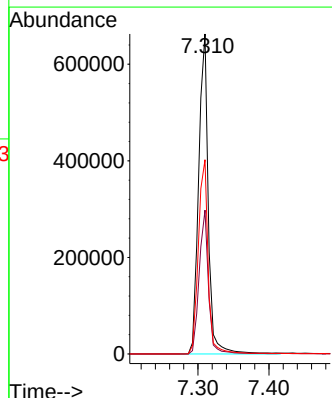
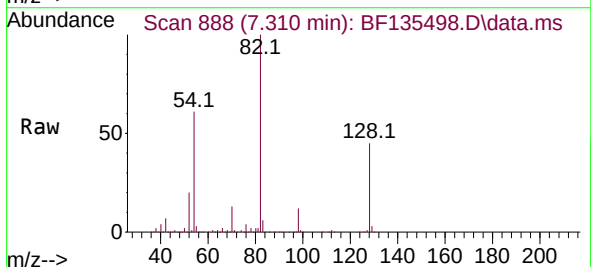
STONE-OUT

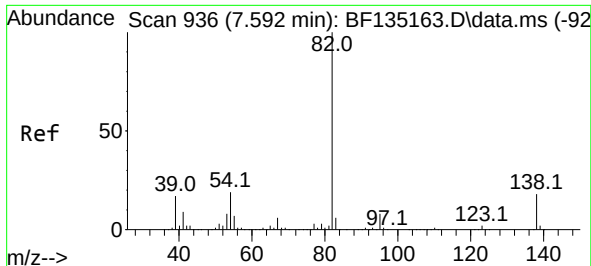
Tgt Ion:136 Resp: 561668
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.736 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

Tgt Ion: 82 Resp: 627897
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 60.7 50.6 76.0

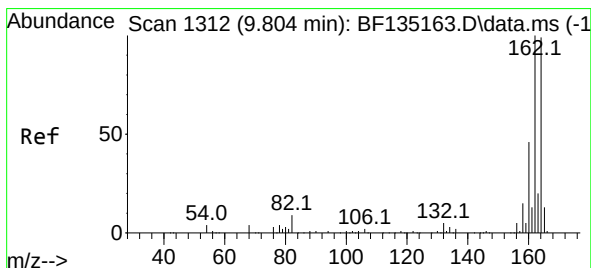
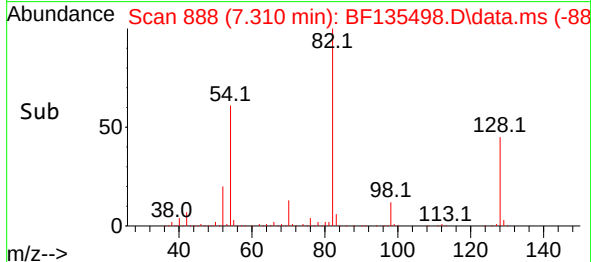
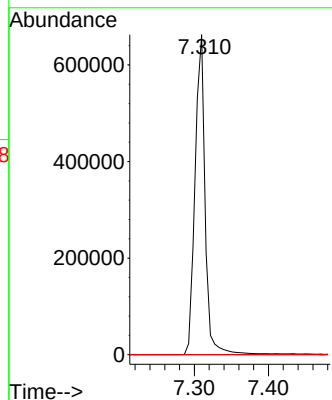
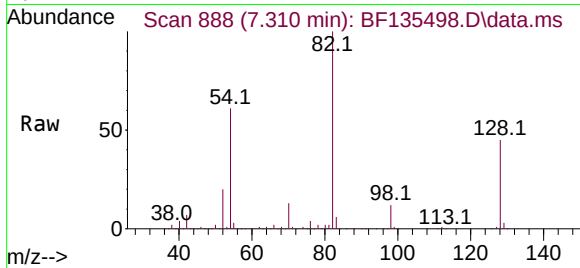




#25
Isophorone
Concen: 33.075 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

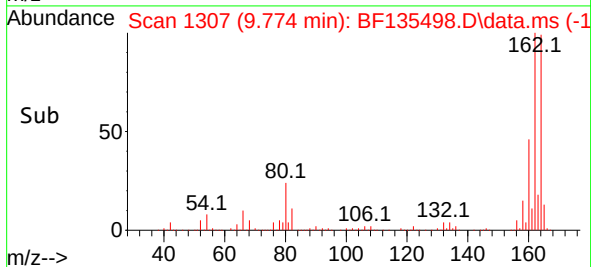
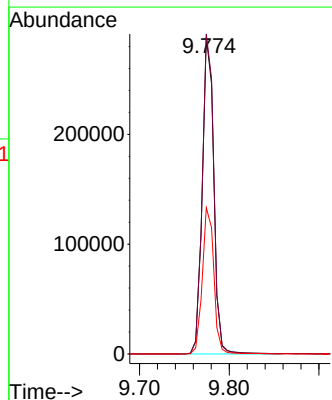
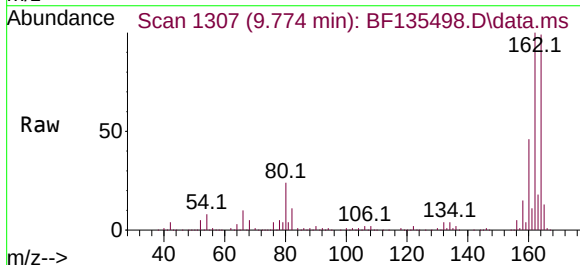
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

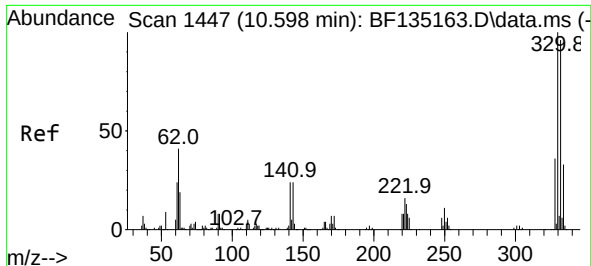
Tgt Ion: 82 Resp: 627890
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

Tgt Ion:164 Resp: 256465
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 69.562 ng

RT: 10.568 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF135498.D

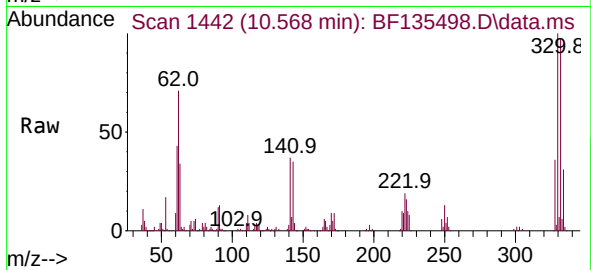
Acq: 28 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

STONE-OUT



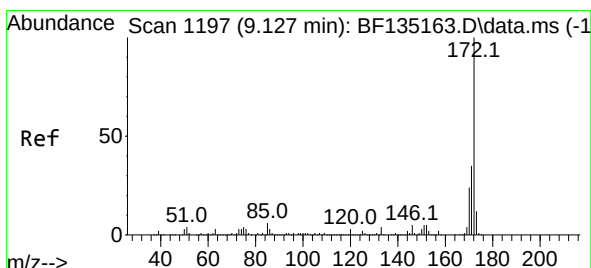
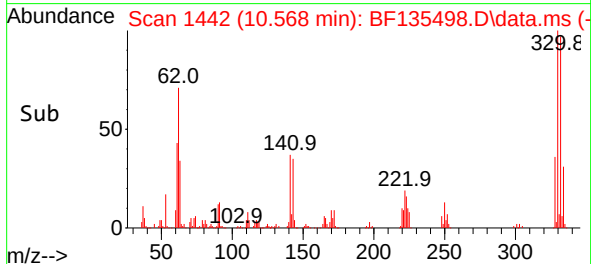
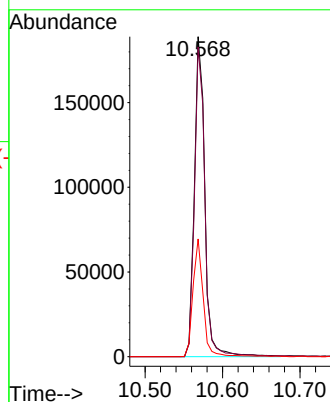
Tgt Ion:330 Resp: 177289

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 36.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 61.910 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135498.D

Acq: 28 Sep 2023 17:36

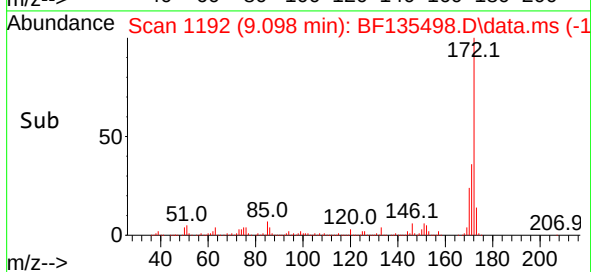
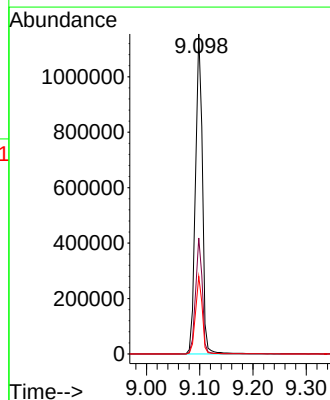
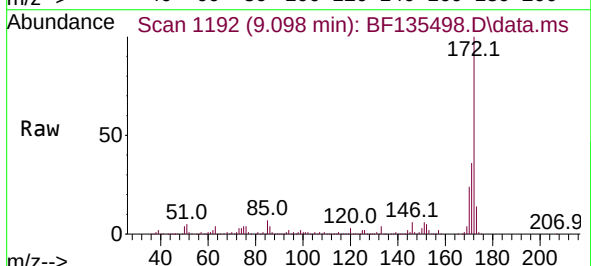
Tgt Ion:172 Resp: 1052403

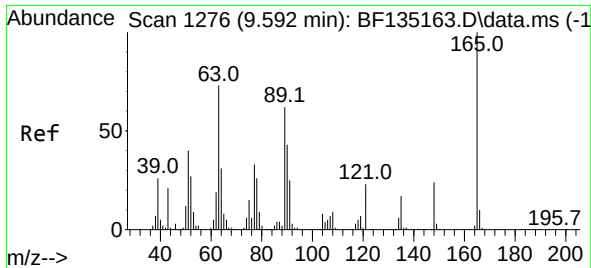
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.2 19.0 28.4

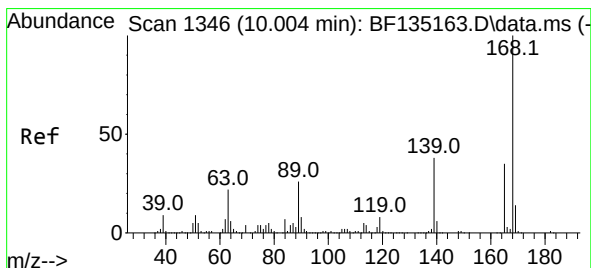
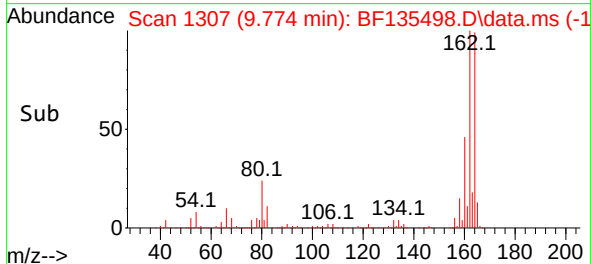
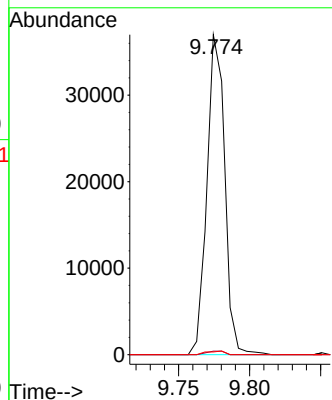
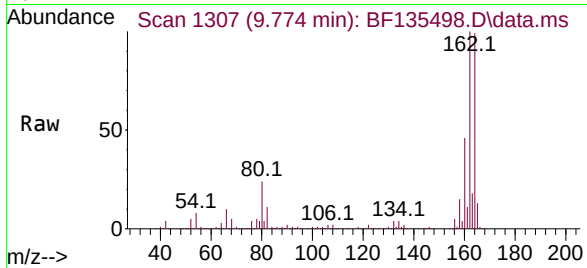




#51
2,6-Dinitrotoluene
Concen: 8.495 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

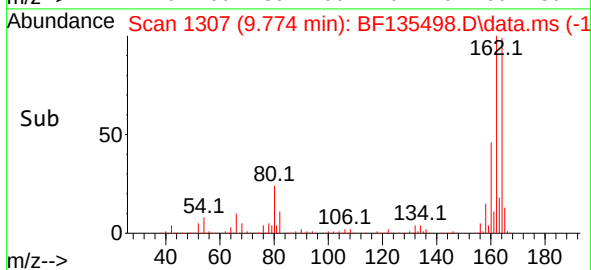
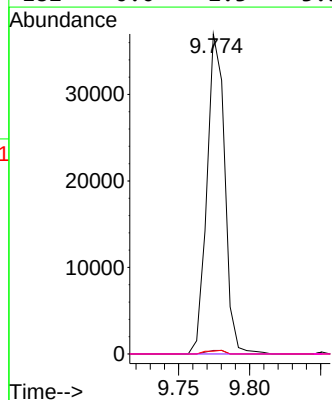
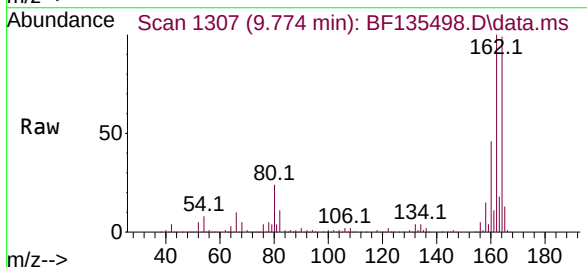
Instrument :
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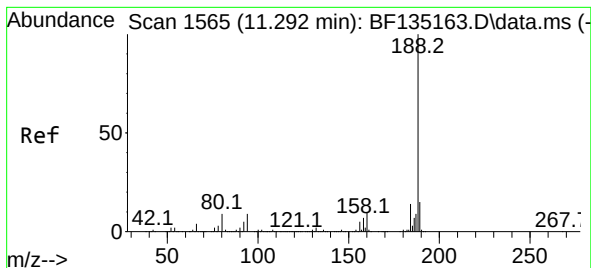
Tgt Ion:165 Resp: 32268
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 0.9 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.785 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135498.D
Acq: 28 Sep 2023 17:36

Tgt Ion:165 Resp: 32268
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.268 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135498.D

Acq: 28 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

STONE-OUT

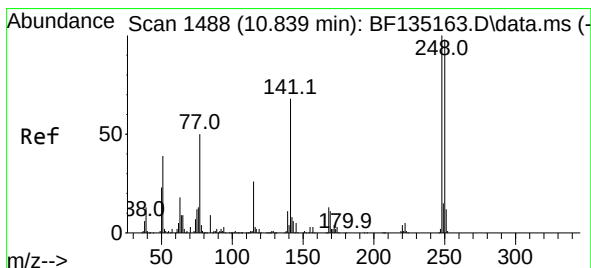
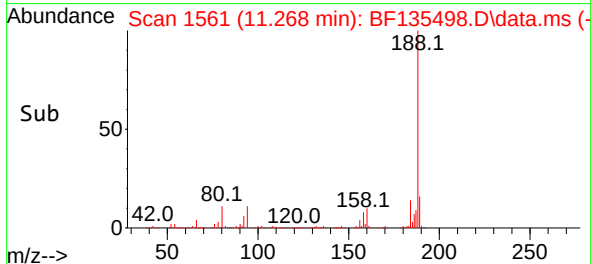
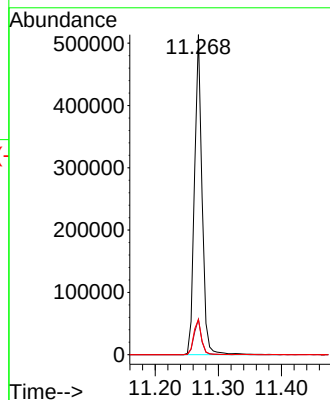
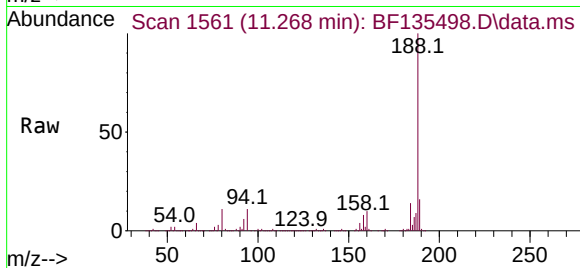
Tgt Ion:188 Resp: 427604

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.701 ng

RT: 10.568 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF135498.D

Acq: 28 Sep 2023 17:36

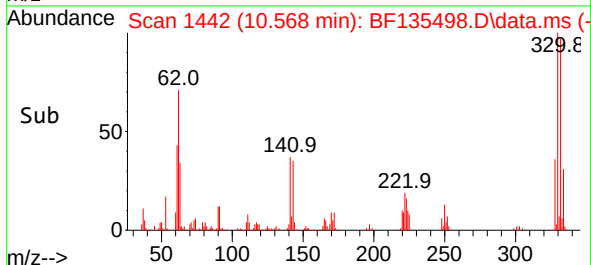
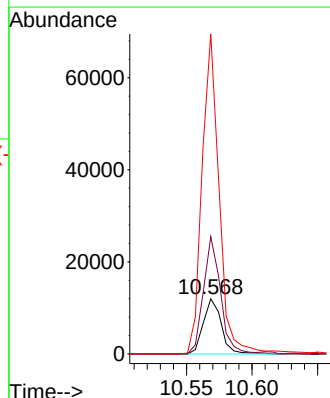
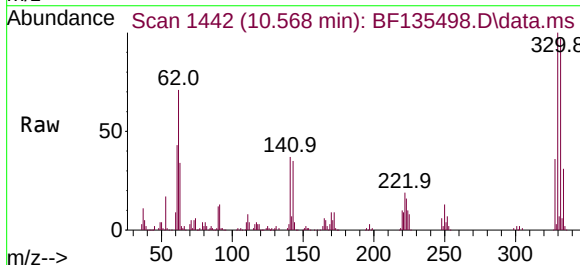
Tgt Ion:248 Resp: 11489

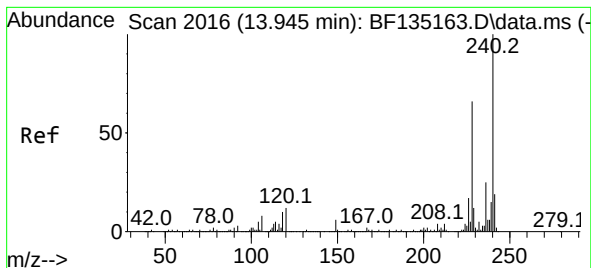
Ion Ratio Lower Upper

248 100

250 212.7 78.6 117.8#

141 580.3 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135498.D

Acq: 28 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

STONE-OUT

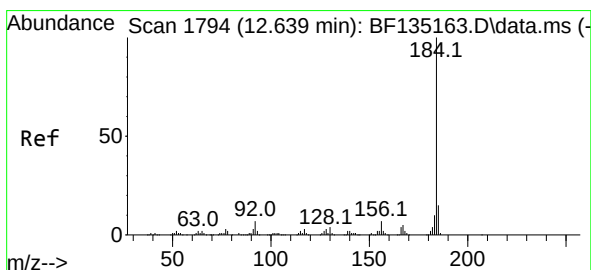
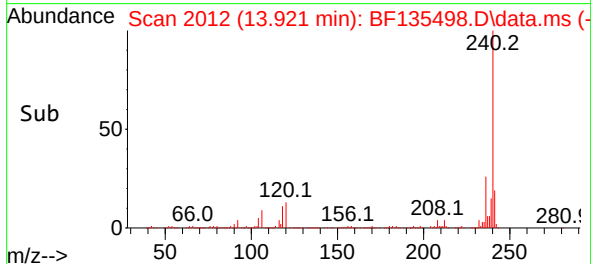
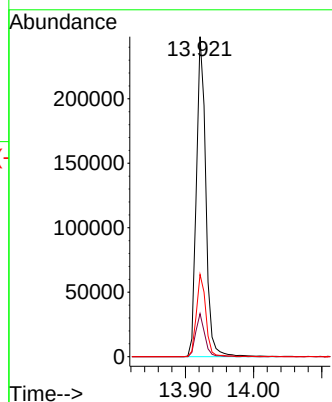
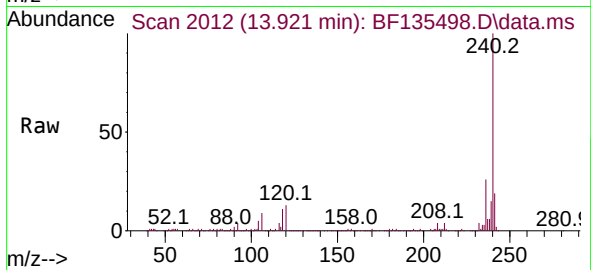
Tgt Ion:240 Resp: 236695

Ion Ratio Lower Upper

240 100

120 13.5 9.4 14.2

236 25.7 19.8 29.8



#77

Benzidine

Concen: 2.043 ng

RT: 12.862 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF135498.D

Acq: 28 Sep 2023 17:36

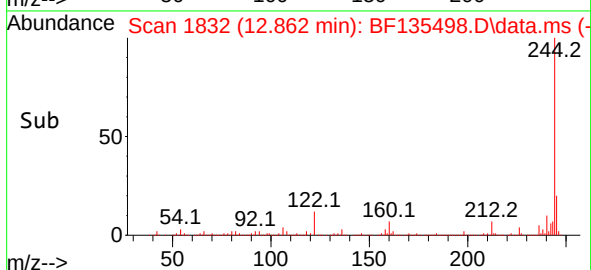
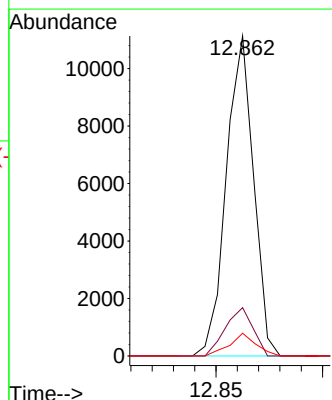
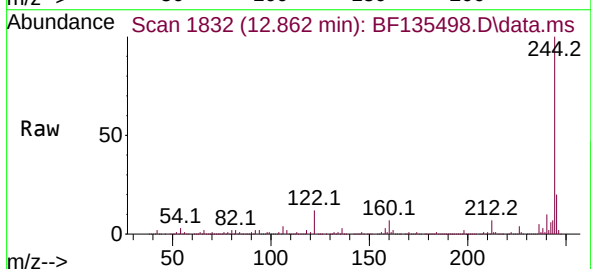
Tgt Ion:184 Resp: 9905

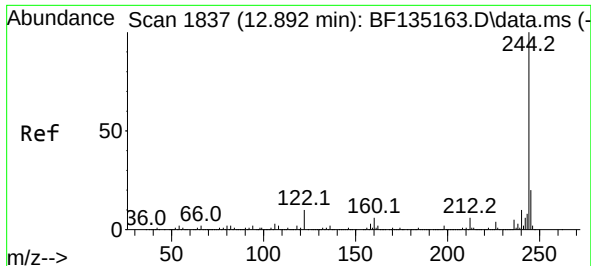
Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

183 7.1 8.2 12.4#

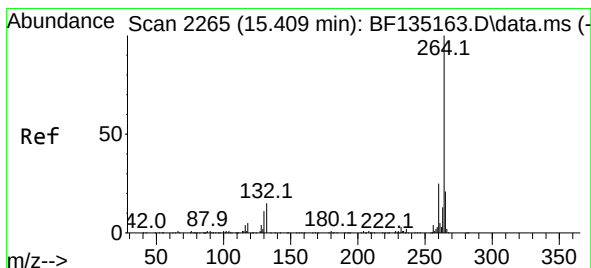
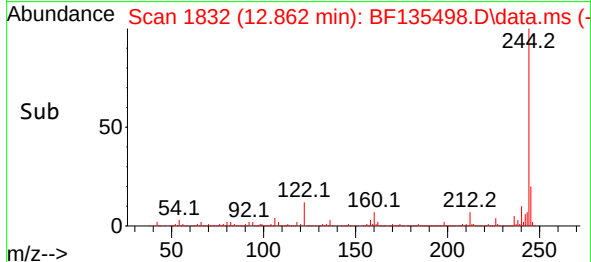
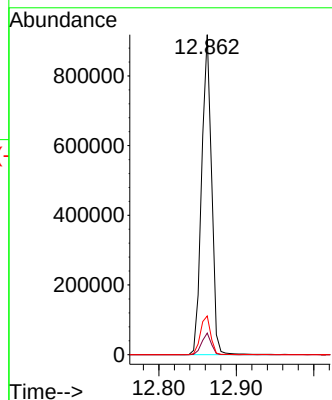
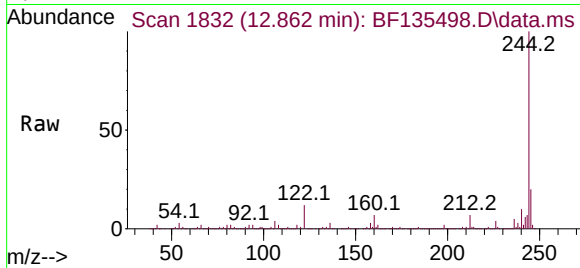




#79
 Terphenyl-d14
 Concen: 53.391 ng
 RT: 12.862 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135498.D
 Acq: 28 Sep 2023 17:36

Instrument :
 BNA_F
 ClientSampleId :
 STONE-OUT

Tgt Ion:244 Resp: 815218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BF135498.D
 Acq: 28 Sep 2023 17:36

Tgt Ion:264 Resp: 306777
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 20.7 17.0 25.4

