

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135490.D
 Acq On : 28 Sep 2023 13:26
 Operator : CG\JU
 Sample : PB155842BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BL

Quant Time: Sep 29 00:21:20 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)

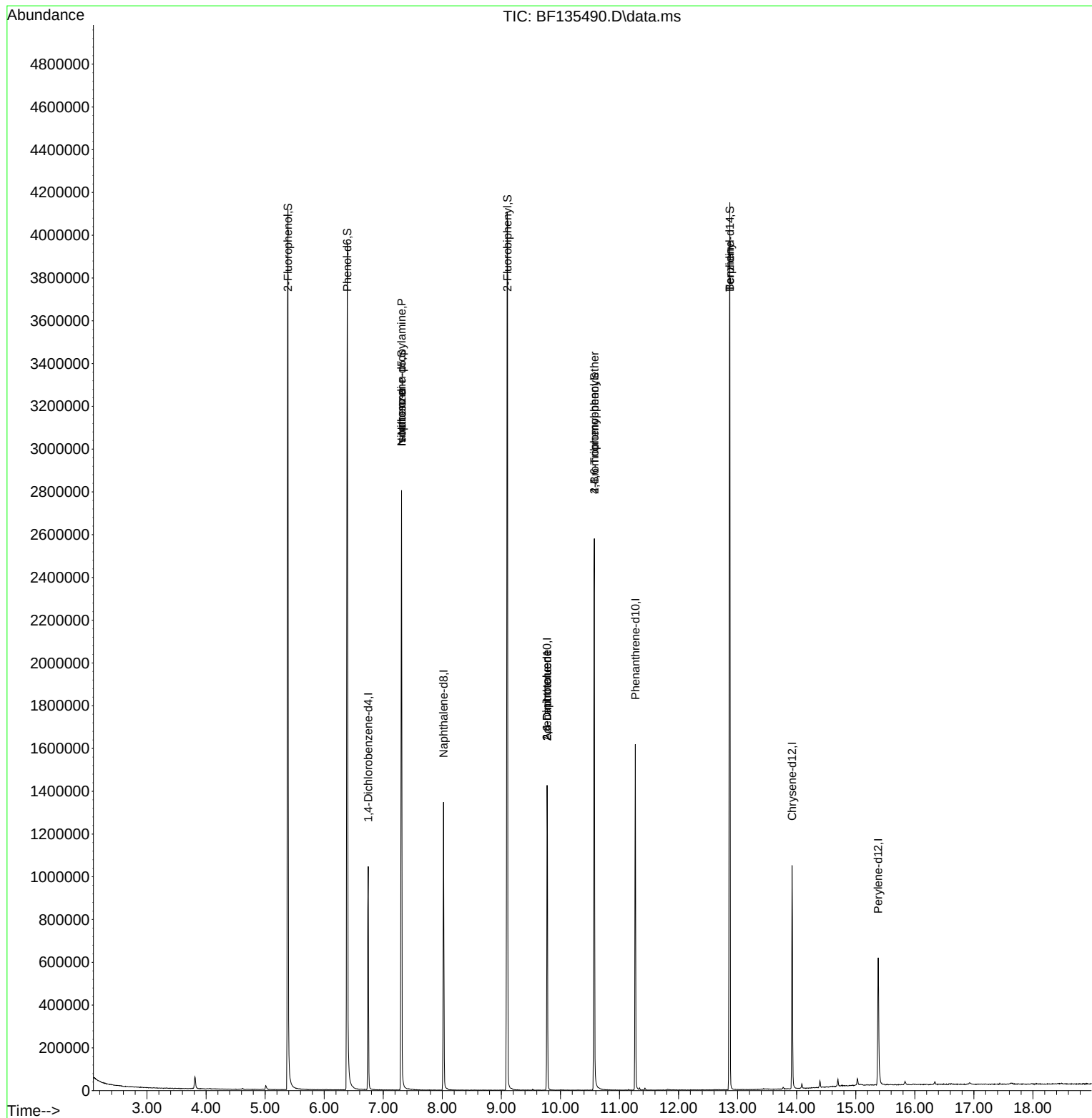
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	153146	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	596168	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	294646	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	574155	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	355132	20.000	ng	0.00
86) Perylene-d12	15.380	264	285713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1192151	126.609	ng	0.01
7) Phenol-d6	6.392	99	1519618	126.921	ng	0.00
23) Nitrobenzene-d5	7.310	82	959329	87.425	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	323103	110.347	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1578638	80.833	ng	0.00
79) Terphenyl-d14	12.868	244	1599383	69.815	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	126501	17.058	ng	# 79
25) Isophorone	7.310	82	959320	47.610	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	37129	8.508	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	37129	6.796	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	20128	3.525	ng	# 1
77) Benzidine	12.868	184	20585	2.829	ng	# 96

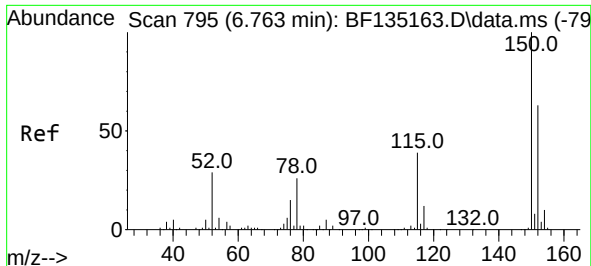
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135490.D
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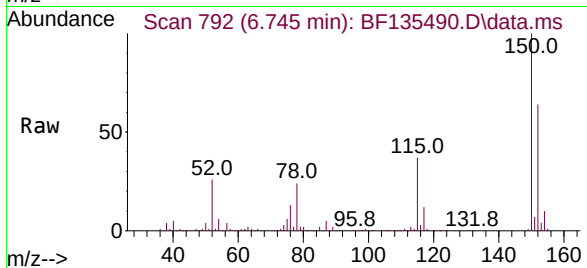
Quant Time: Sep 29 00:21:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 28 19:03:19 2023
Response via : Initial Calibration



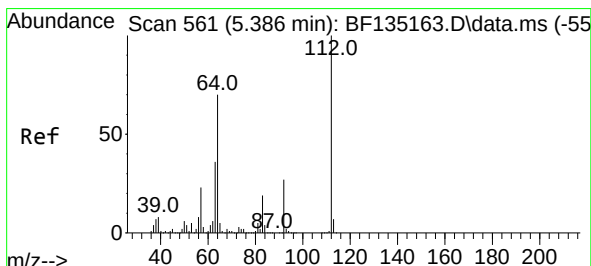
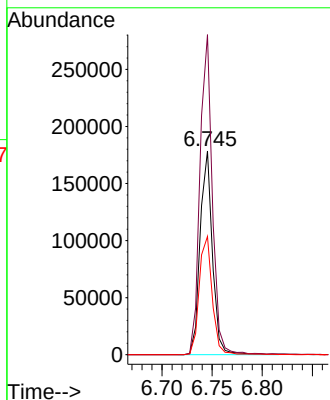
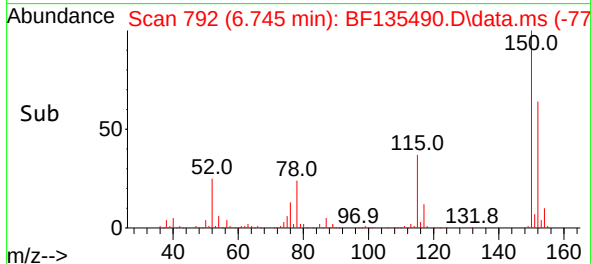


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB155842BL

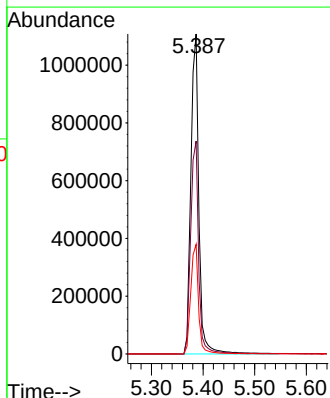
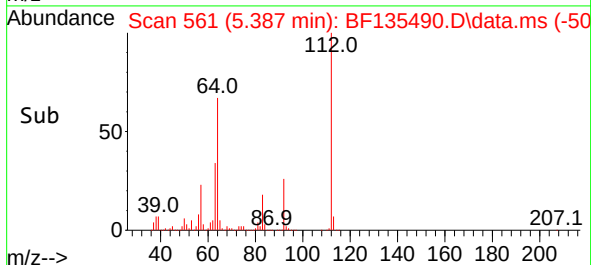
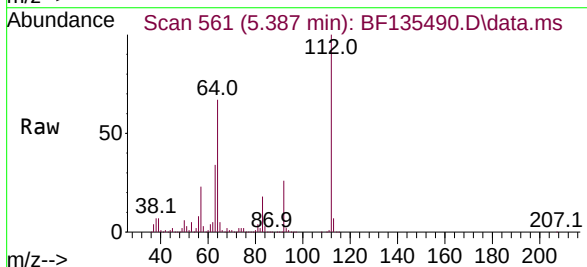


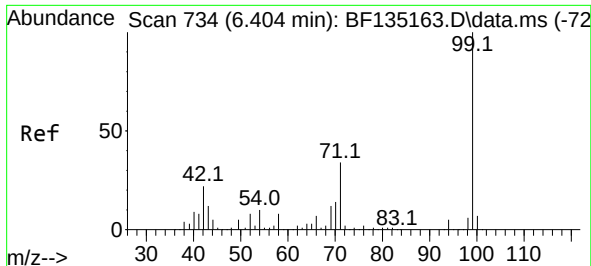
Tgt Ion:152 Resp: 153146
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 126.609 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Tgt Ion:112 Resp: 1192151
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.3 29.0 43.6

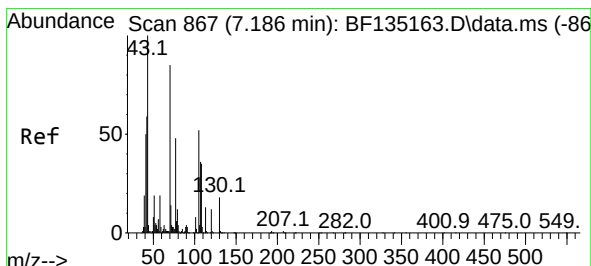
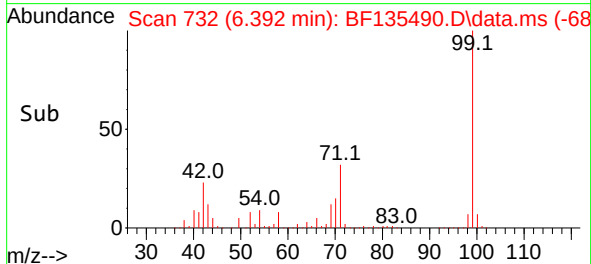
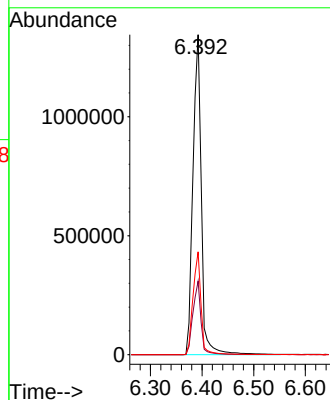
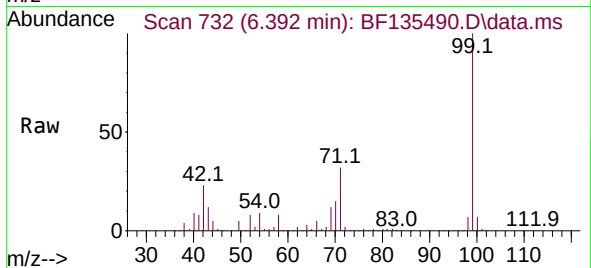




#7
Phenol-d6
Concen: 126.921 ng
RT: 6.392 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

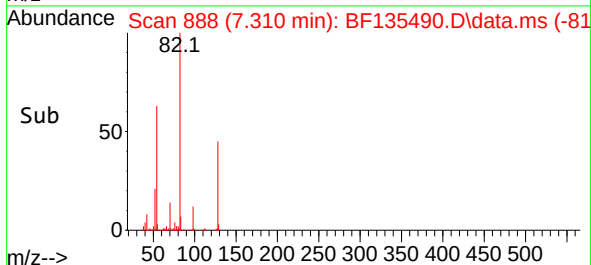
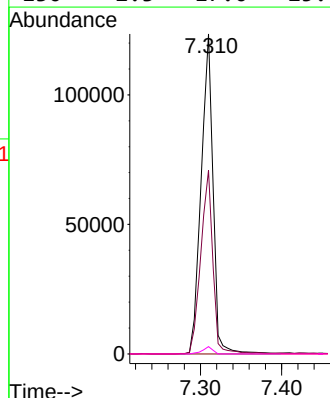
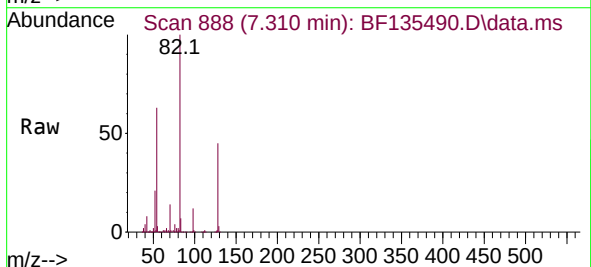
Instrument :
BNA_F
ClientSampleId :
PB155842BL

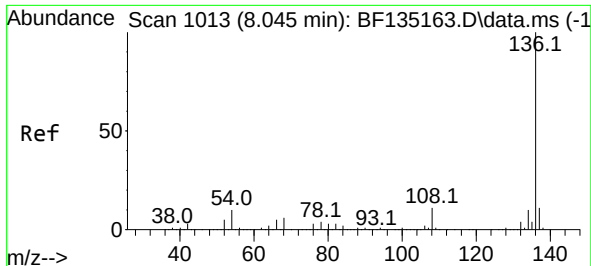
Tgt Ion: 99 Resp: 1519618
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.058 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Tgt Ion: 70 Resp: 126501
Ion Ratio Lower Upper
70 100
42 57.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#





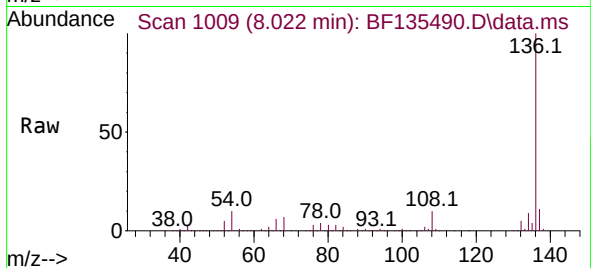
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Instrument :

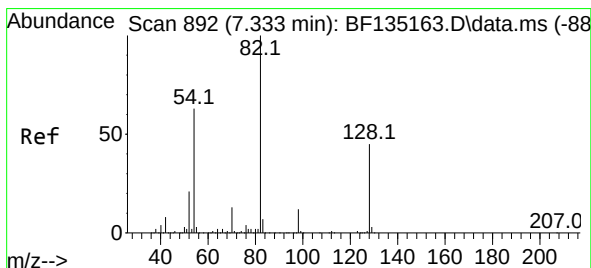
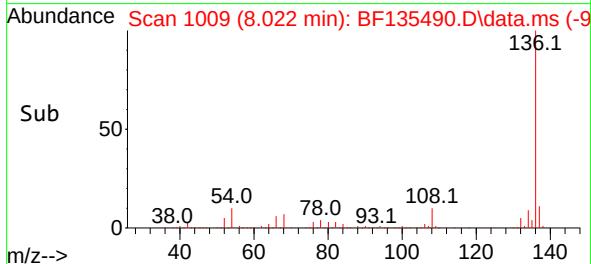
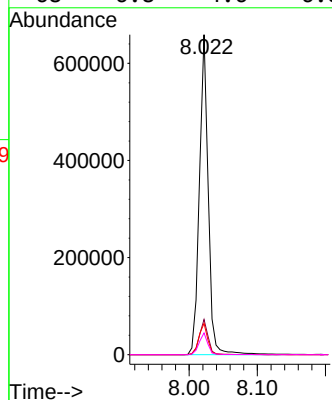
BNA_F

ClientSampleId :

PB155842BL

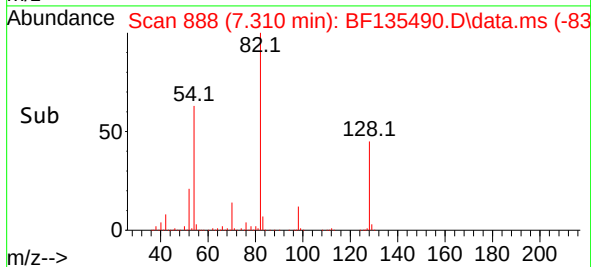
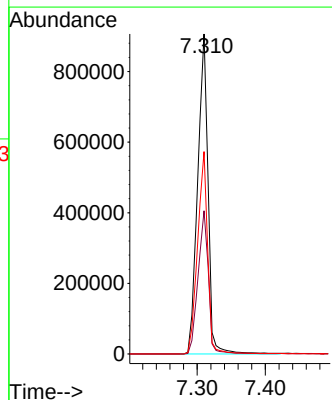
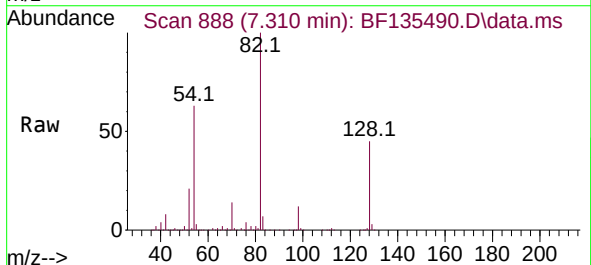


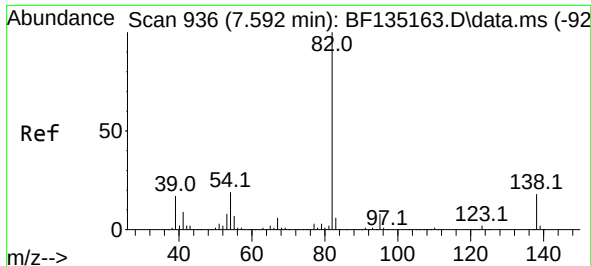
Tgt Ion:136 Resp: 596168
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.8 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 87.425 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Tgt Ion: 82 Resp: 959329
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 63.2 50.6 76.0

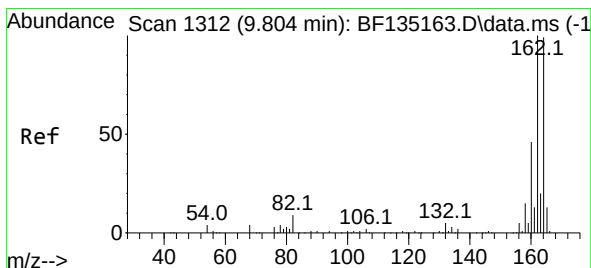
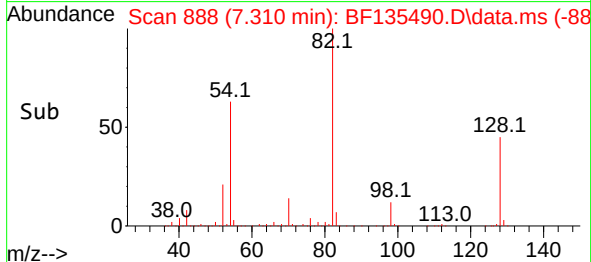
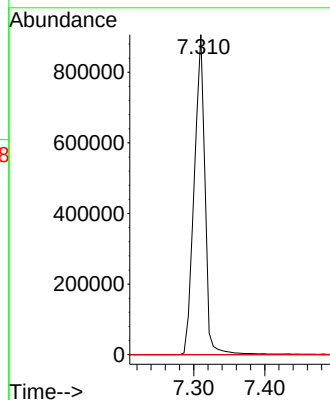
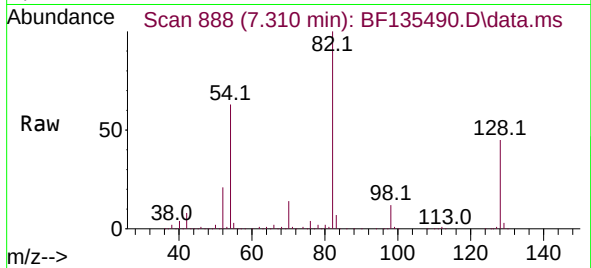




#25
Isophorone
Concen: 47.610 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

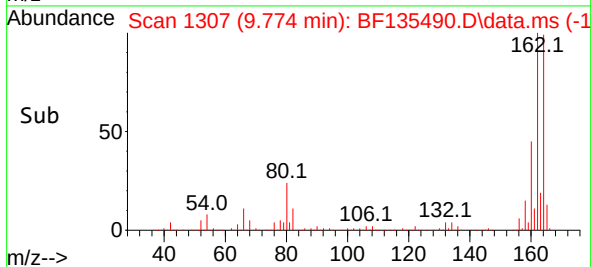
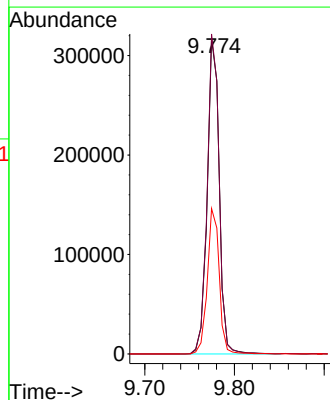
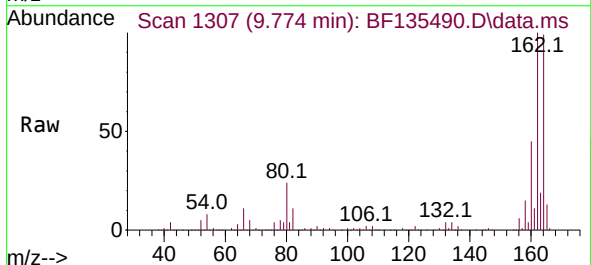
Instrument :
BNA_F
ClientSampleId :
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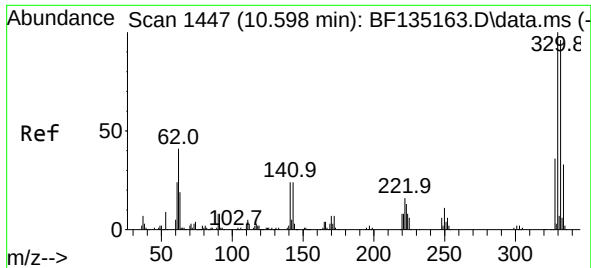
Tgt Ion: 82 Resp: 959320
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Tgt Ion: 164 Resp: 294646
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 110.347 ng

RT: 10.574 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF135490.D

Acq: 28 Sep 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB155842BL

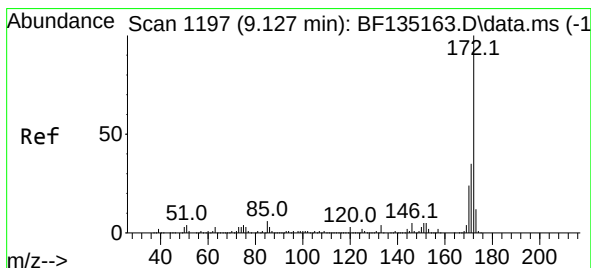
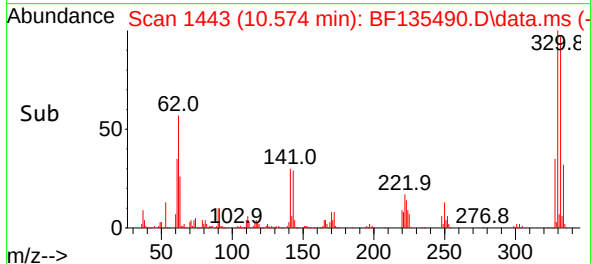
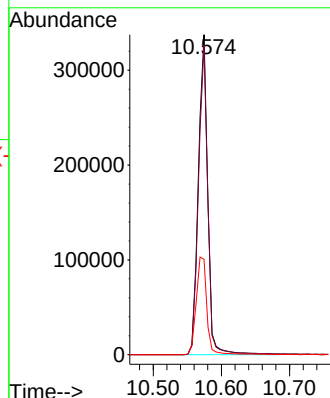
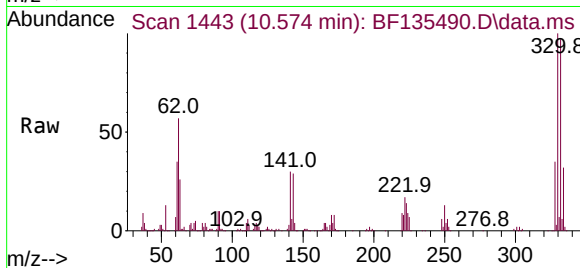
Tgt Ion:330 Resp: 323103

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 34.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.833 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135490.D

Acq: 28 Sep 2023 13:26

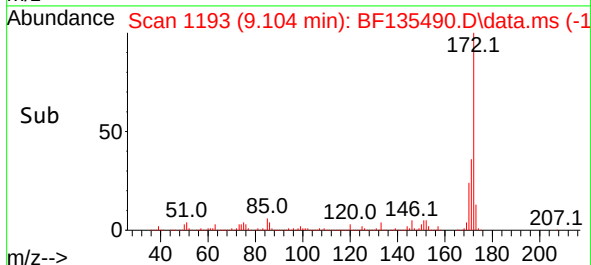
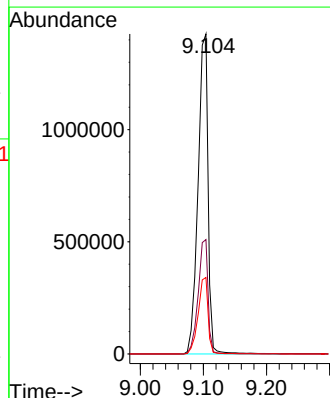
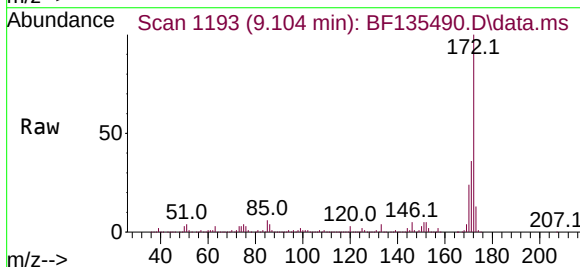
Tgt Ion:172 Resp: 1578638

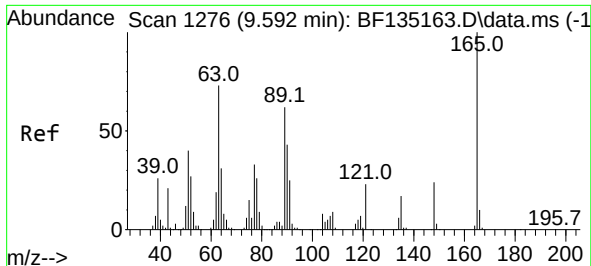
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 19.0 28.4

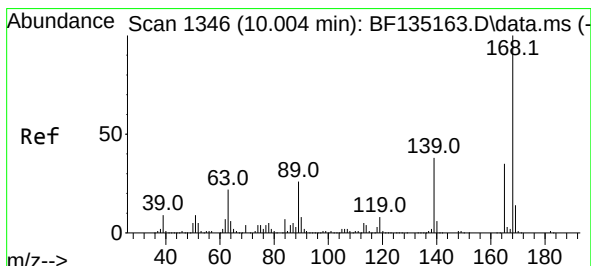
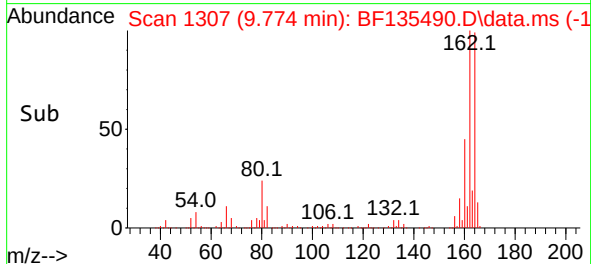
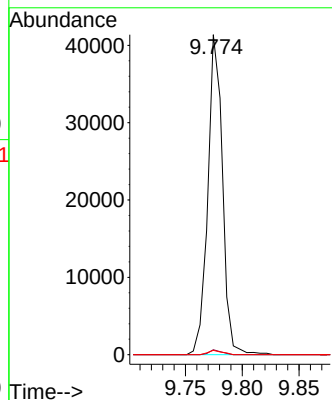
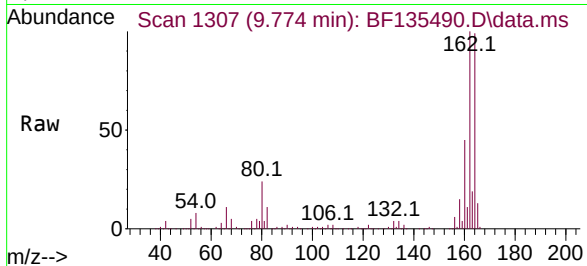




#51
2,6-Dinitrotoluene
Concen: 8.508 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

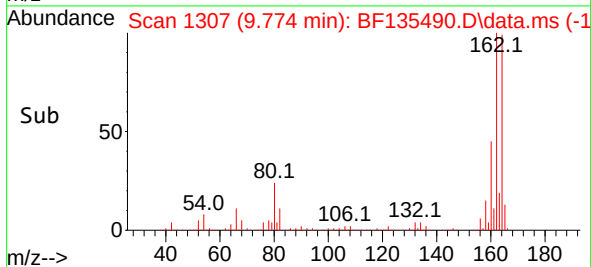
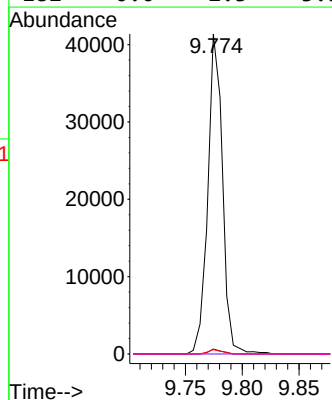
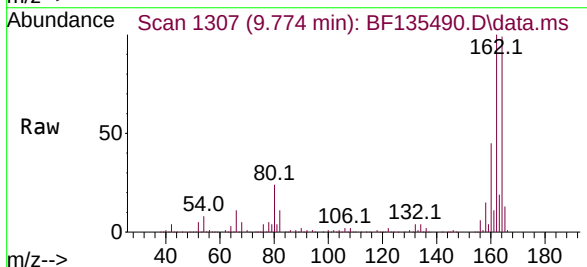
Instrument :
BNA_F
ClientSampleId :
PB155842BL

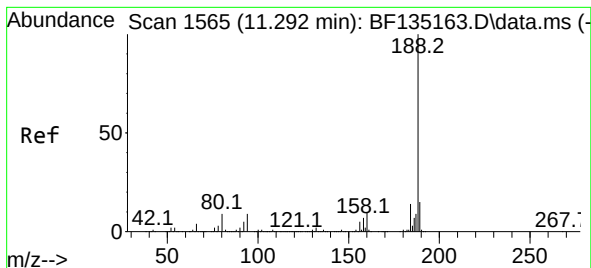
Tgt Ion:165 Resp: 37129
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.796 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135490.D
Acq: 28 Sep 2023 13:26

Tgt Ion:165 Resp: 37129
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135490.D

Acq: 28 Sep 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB155842BL

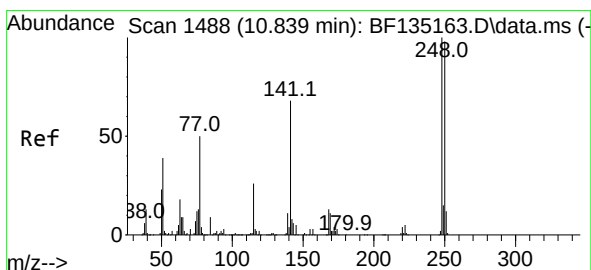
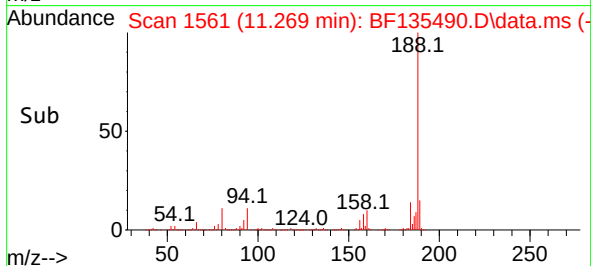
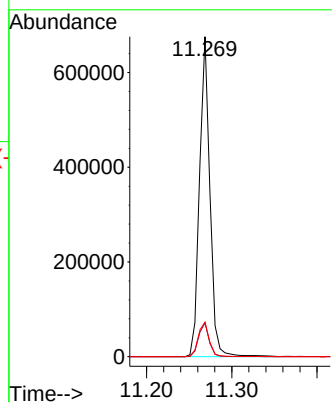
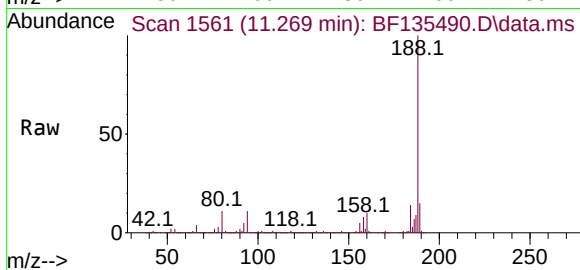
Tgt Ion:188 Resp: 574155

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 10.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.525 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135490.D

Acq: 28 Sep 2023 13:26

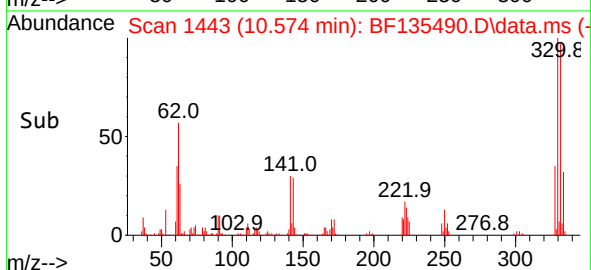
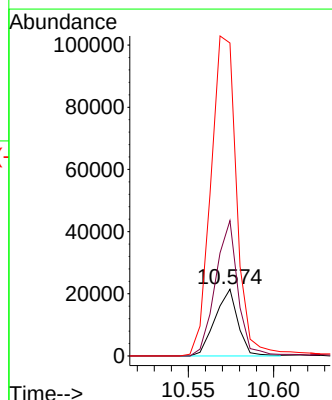
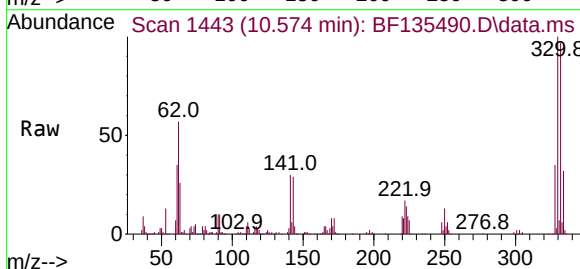
Tgt Ion:248 Resp: 20128

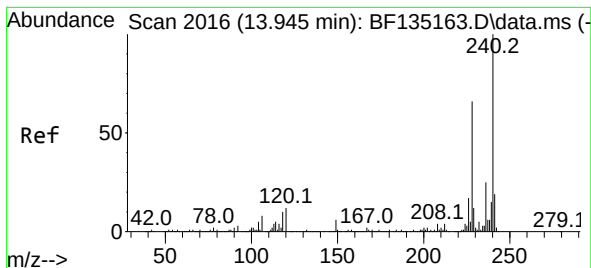
Ion Ratio Lower Upper

248 100

250 203.1 78.6 117.8#

141 469.4 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: BF135490.D

Acq: 28 Sep 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB155842BL

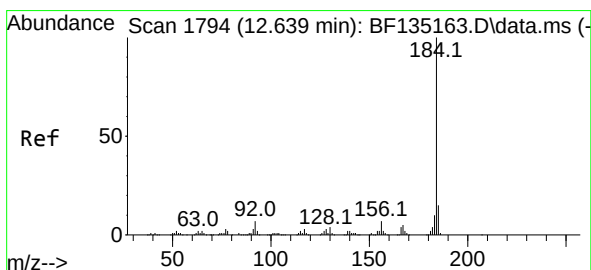
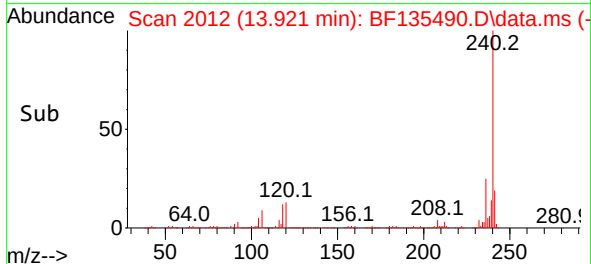
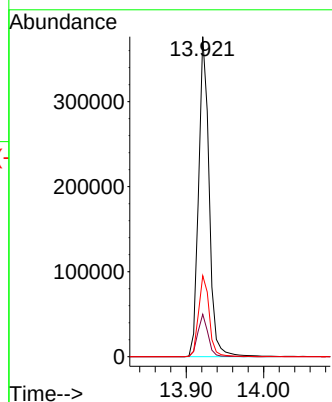
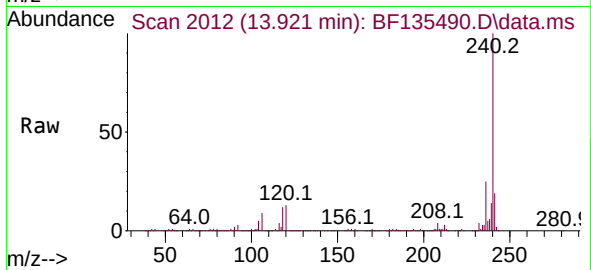
Tgt Ion:240 Resp: 355132

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

236 25.3 19.8 29.8



#77

Benzidine

Concen: 2.829 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.253 min

Lab File: BF135490.D

Acq: 28 Sep 2023 13:26

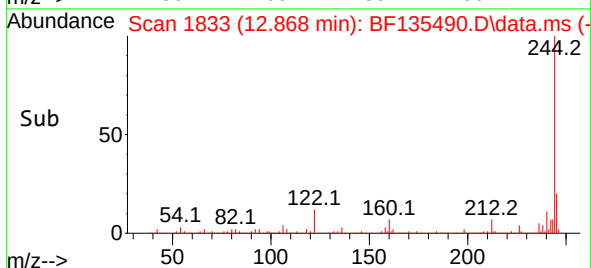
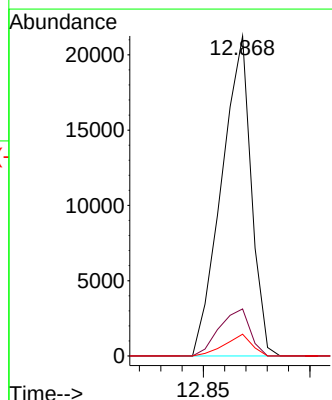
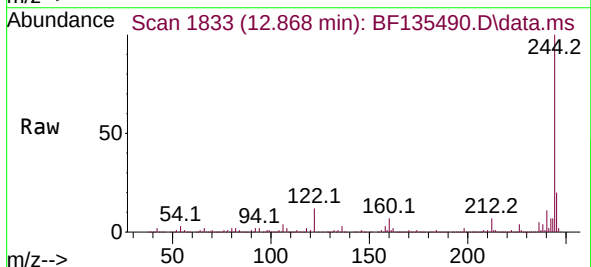
Tgt Ion:184 Resp: 20585

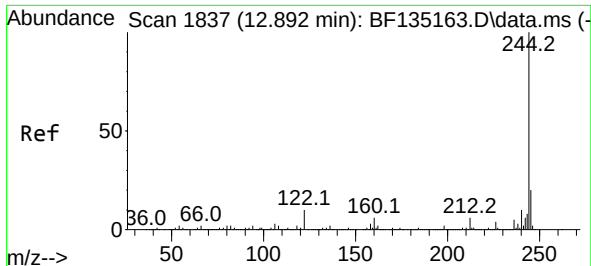
Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

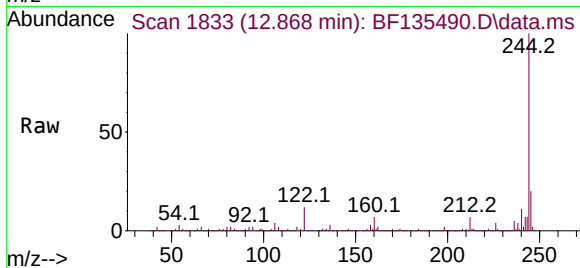
183 6.8 8.2 12.4#





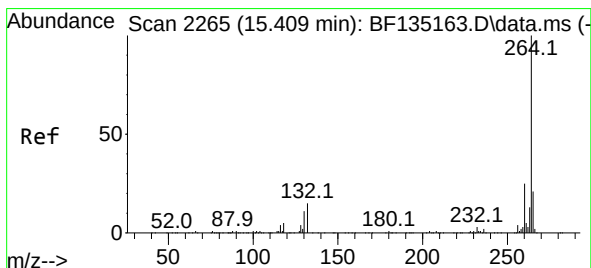
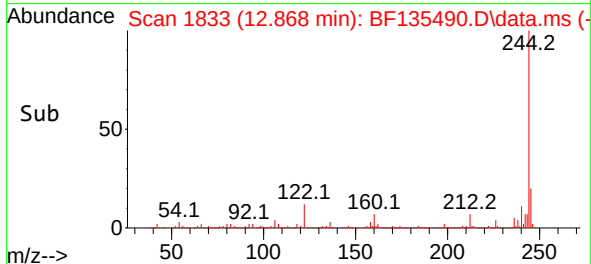
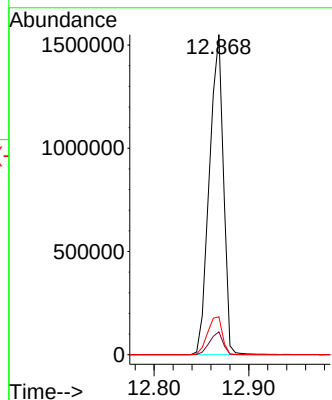
#79
 Terphenyl-d14
 Concen: 69.815 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135490.D
 Acq: 28 Sep 2023 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BL



Tgt Ion:244 Resp: 1599383

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.1	7.7
122	11.9	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: BF135490.D
 Acq: 28 Sep 2023 13:26

Tgt Ion:264 Resp: 285713

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	22.0	17.0	25.4

