

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135488.D
 Acq On : 28 Sep 2023 12:25
 Operator : CG\JU
 Sample : PB155836BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155836BL

Quant Time: Sep 29 00:20:16 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)

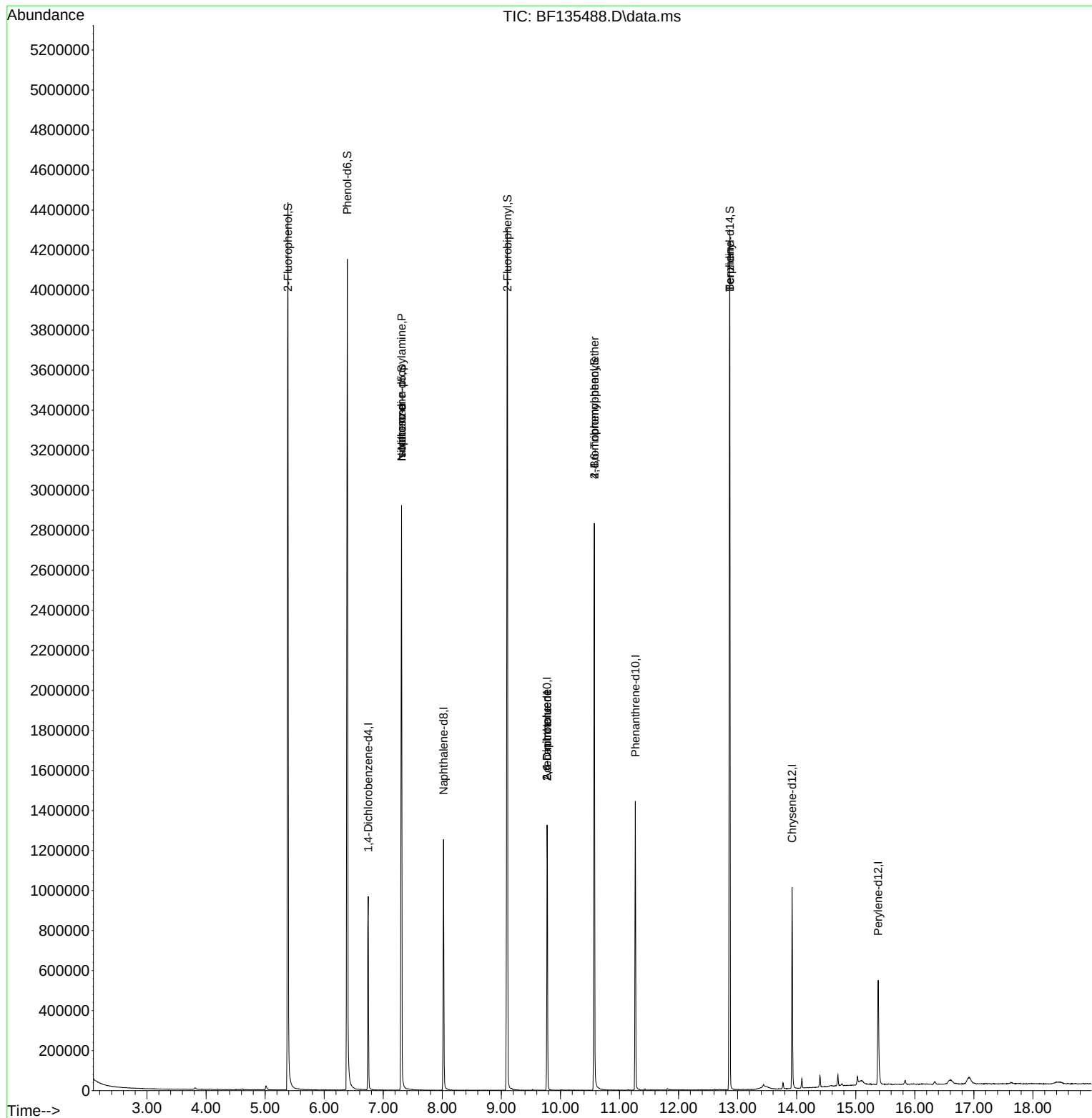
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	142599	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	552841	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	272808	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	532514	20.000	ng	0.00
76) Chrysene-d12	13.921	240	329884	20.000	ng	0.00
86) Perylene-d12	15.380	264	257545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1263495	144.111	ng	0.01
7) Phenol-d6	6.393	99	1609199	144.343	ng	0.00
23) Nitrobenzene-d5	7.310	82	1008913	99.149	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	343331	126.641	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1666461	92.161	ng	0.00
79) Terphenyl-d14	12.869	244	1693344	79.574	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	132756	19.225	ng	# 80
25) Isophorone	7.310	82	1008899	53.994	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	35283	8.732	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	35283	6.975	ng	# 19
67) 4-Bromophenyl-phenylether	10.575	248	21822	4.120	ng	# 1
77) Benzdine	12.869	184	21509	3.183	ng	# 96

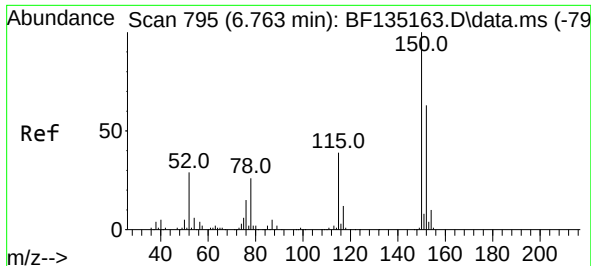
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

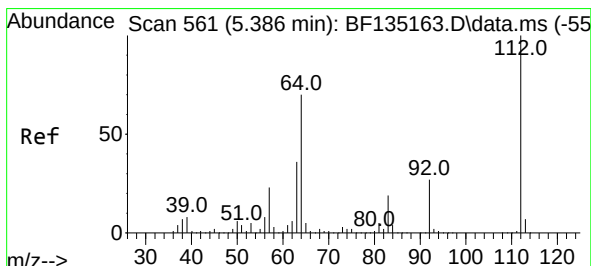
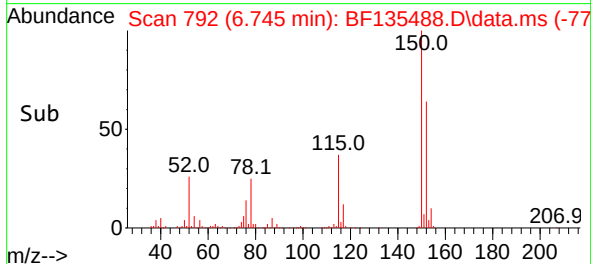
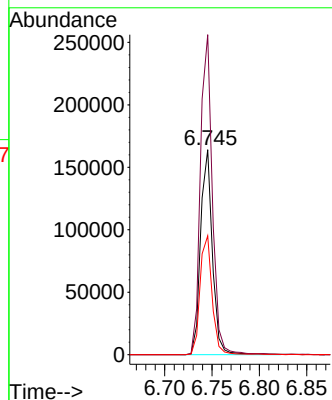
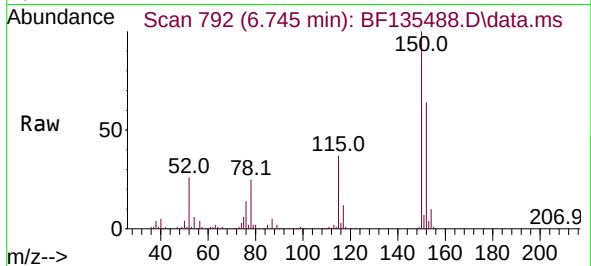




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

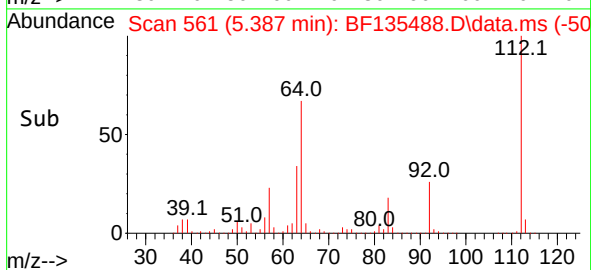
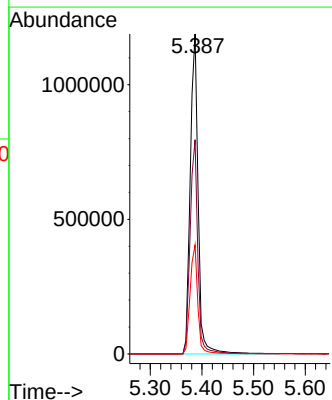
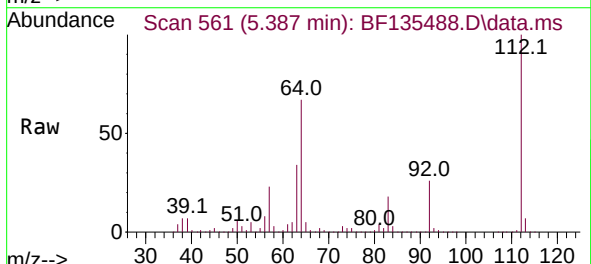
Instrument :
BNA_F
ClientSampleId :
PB155836BL

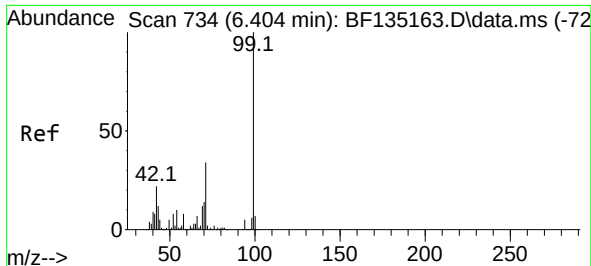
Tgt Ion:152 Resp: 142599
Ion Ratio Lower Upper
152 100
150 156.1 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 144.111 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion:112 Resp: 1263495
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 34.1 29.0 43.6

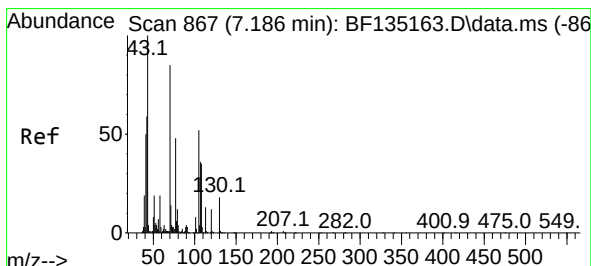
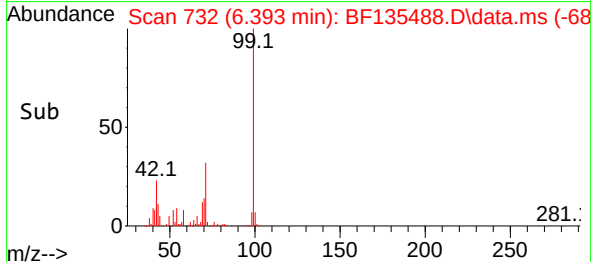
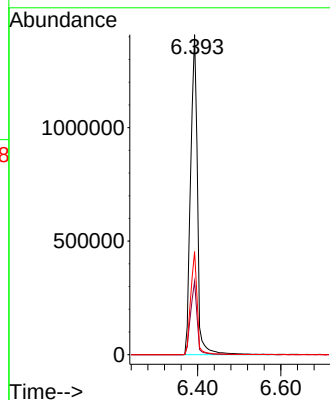
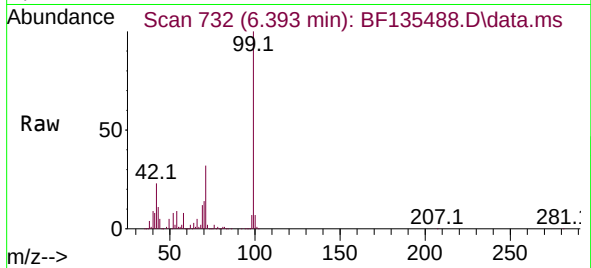




#7
Phenol-d6
Concen: 144.343 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

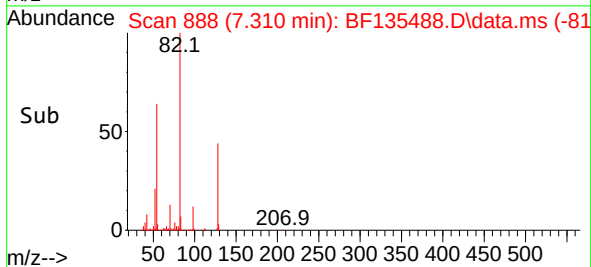
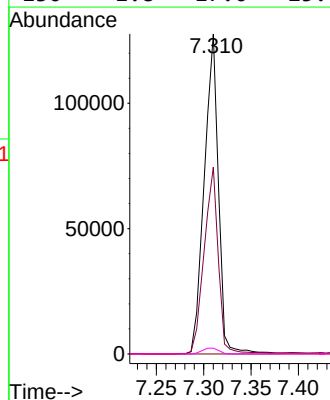
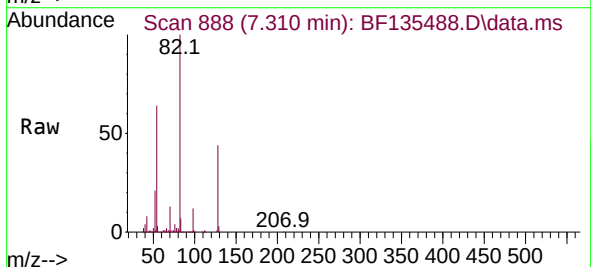
Instrument :
BNA_F
ClientSampleId :
PB155836BL

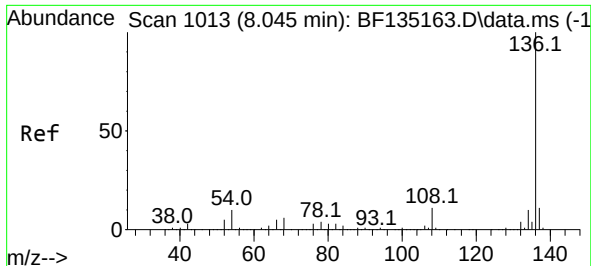
Tgt Ion: 99 Resp: 1609199
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.225 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion: 70 Resp: 132756
Ion Ratio Lower Upper
70 100
42 58.4 55.4 83.0
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#

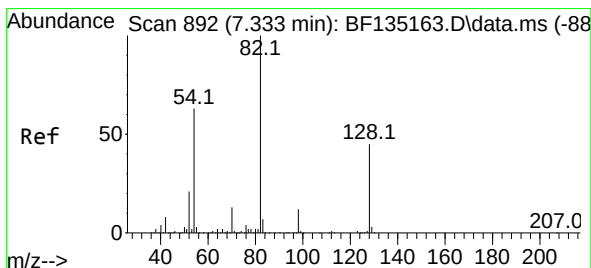
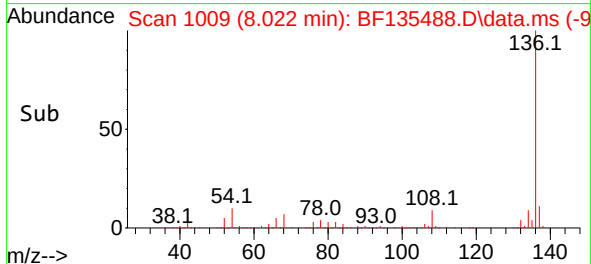
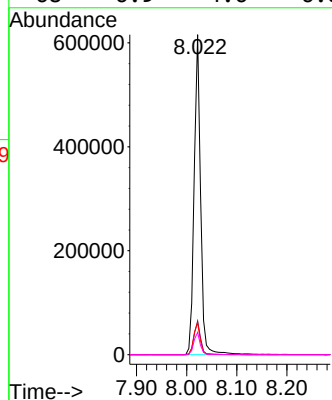
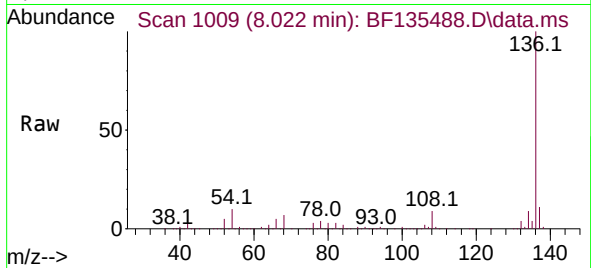




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

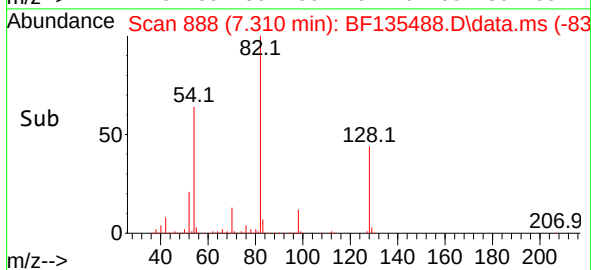
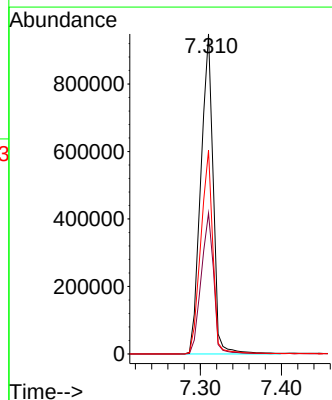
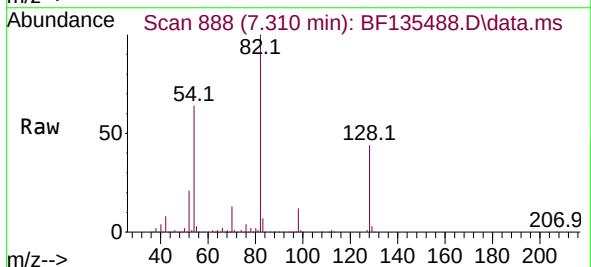
Instrument :
BNA_F
ClientSampleId :
PB155836BL

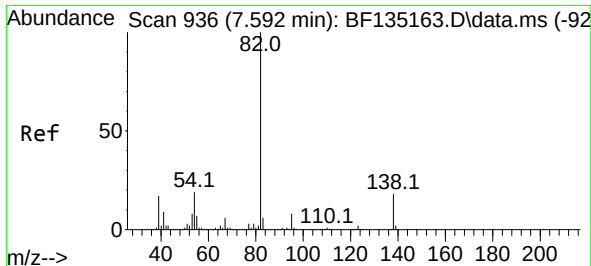
Tgt Ion:136 Resp: 552841
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.9 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 99.149 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion: 82 Resp: 1008913
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 63.6 50.6 76.0

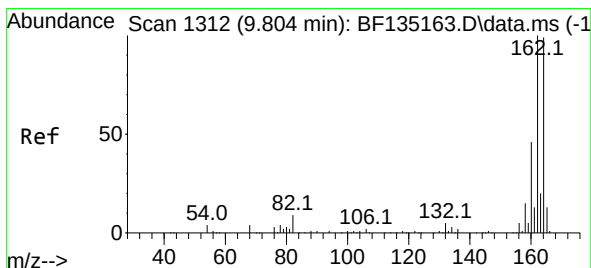
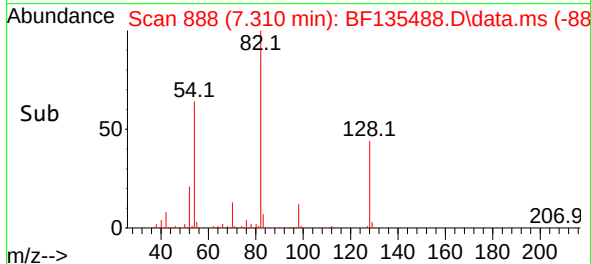
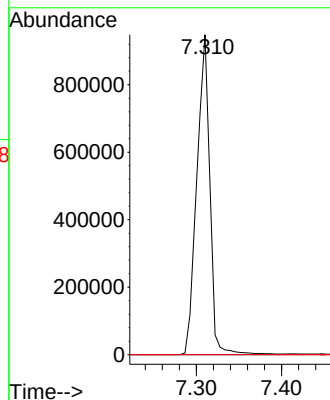
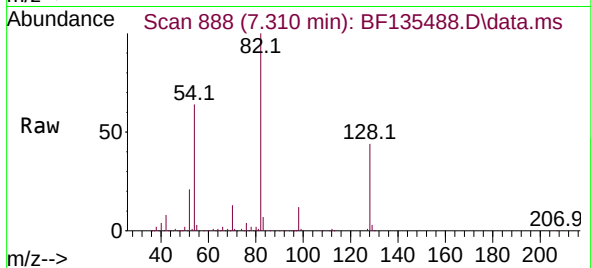




#25
Isophorone
Concen: 53.994 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

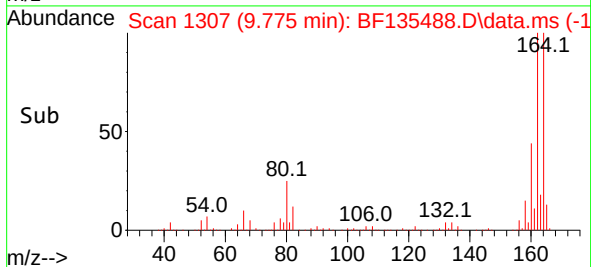
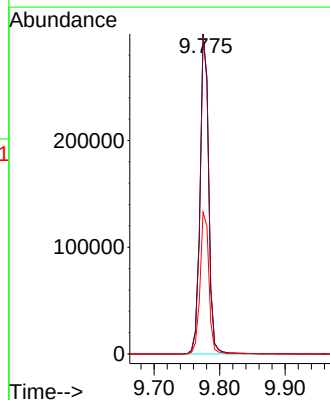
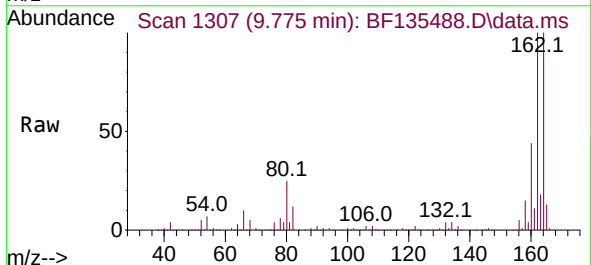
Instrument :
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ClientSampleId :
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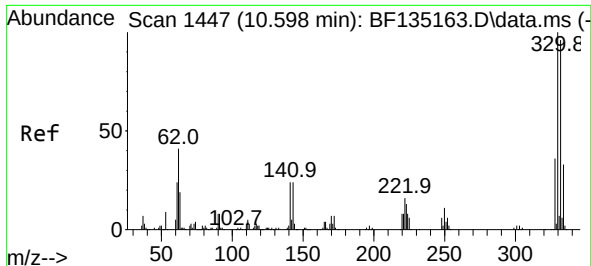
Tgt Ion: 82 Resp: 1008899
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion:164 Resp: 272808
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 44.3 37.0 55.4

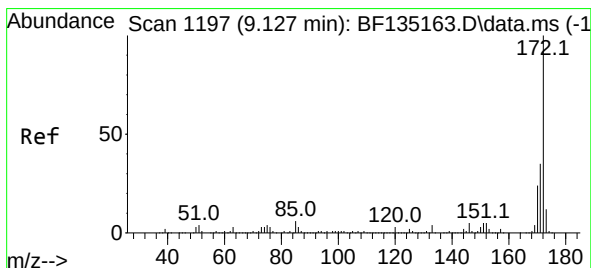
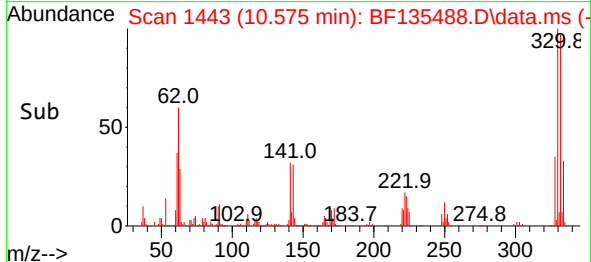
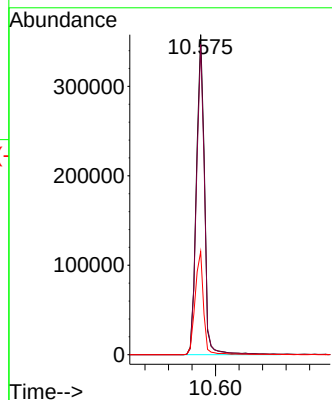
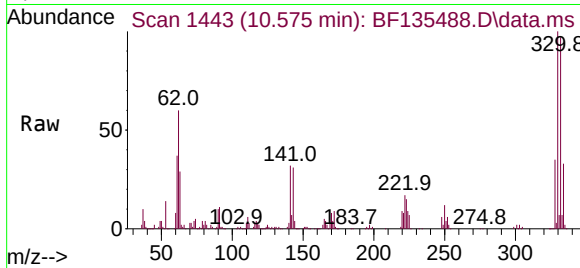




#42
2,4,6-Tribromophenol
Concen: 126.641 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

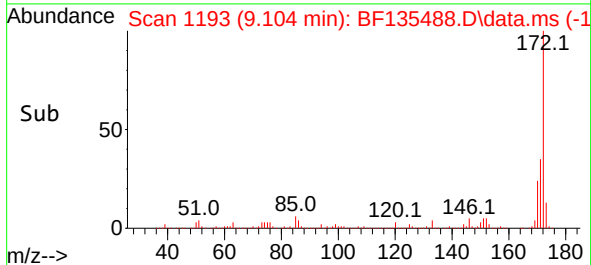
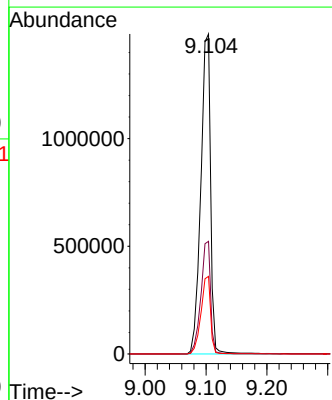
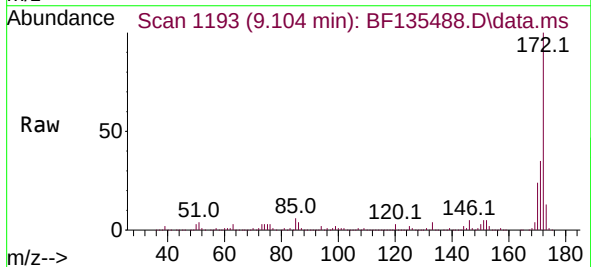
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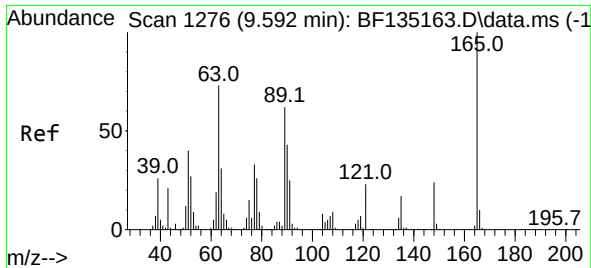
Tgt Ion:330 Resp: 343331
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 92.161 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion:172 Resp: 1666461
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.3 19.0 28.4

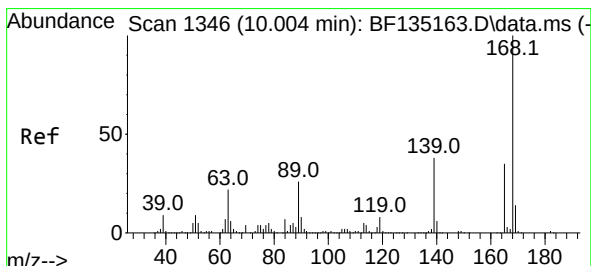
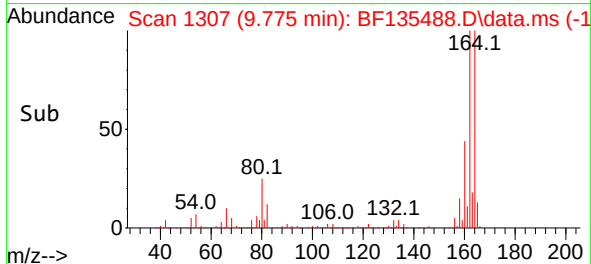
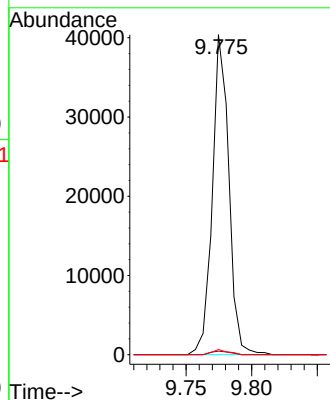
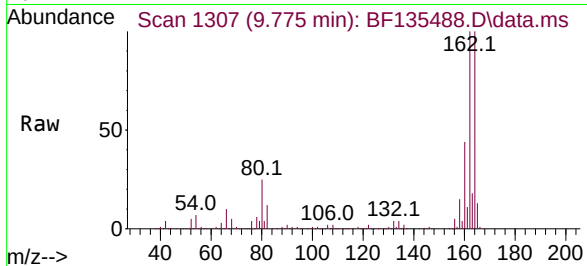




#51
2,6-Dinitrotoluene
Concen: 8.732 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

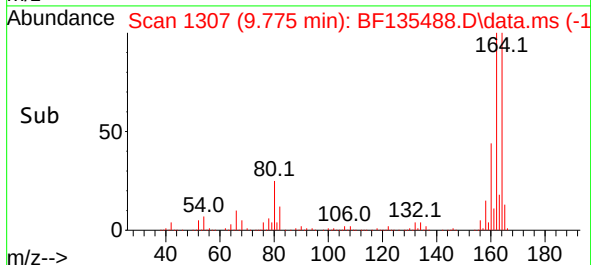
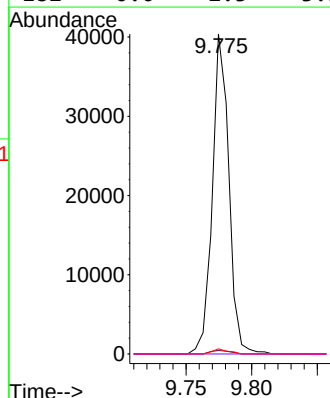
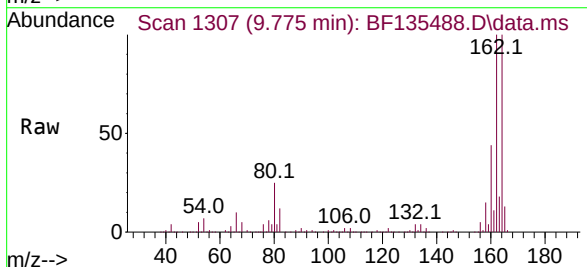
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PB155836BL

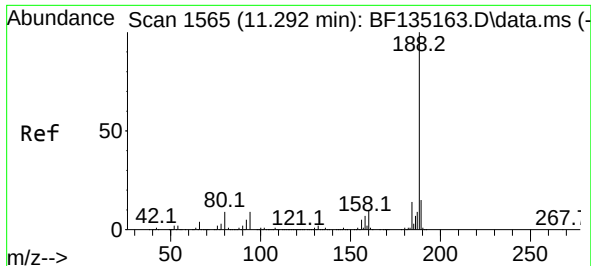
Tgt Ion:165 Resp: 35283
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.6 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion:165 Resp: 35283
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#

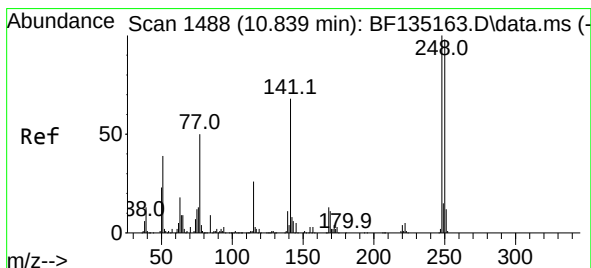
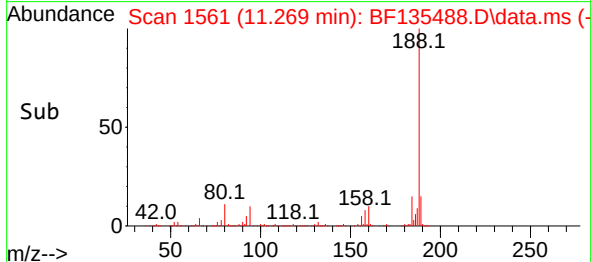
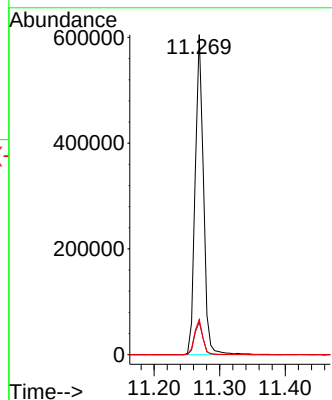
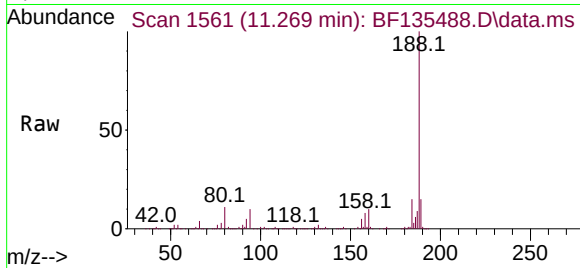




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

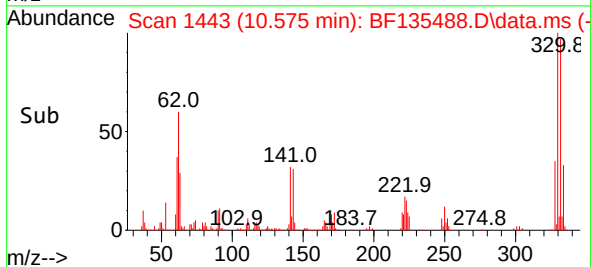
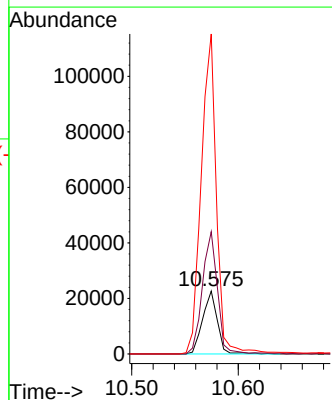
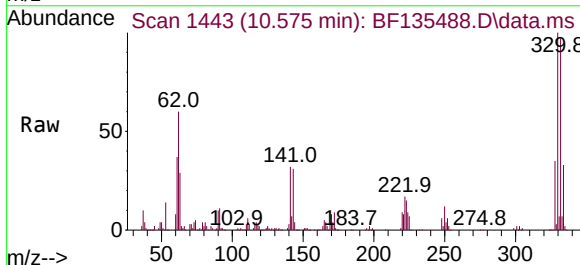
Instrument :
BNA_F
ClientSampleId :
PB155836BL

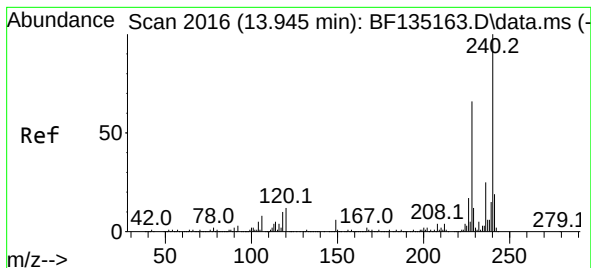
Tgt Ion:188 Resp: 532514
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.120 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF135488.D
Acq: 28 Sep 2023 12:25

Tgt Ion:248 Resp: 21822
Ion Ratio Lower Upper
248 100
250 194.3 78.6 117.8#
141 508.9 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: BF135488.D

Acq: 28 Sep 2023 12:25

Instrument :

BNA_F

ClientSampleId :

PB155836BL

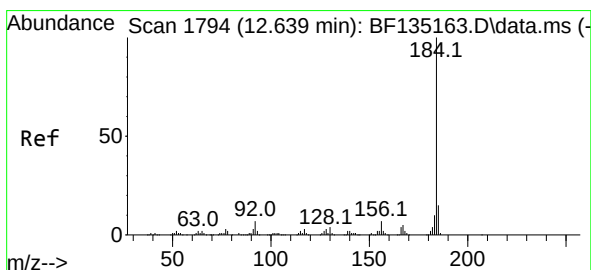
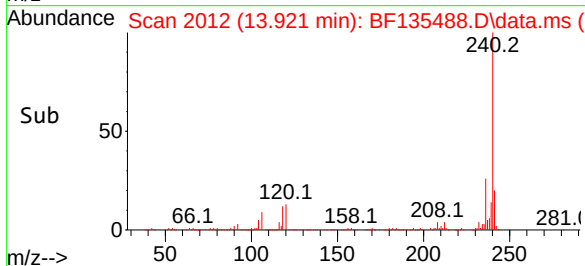
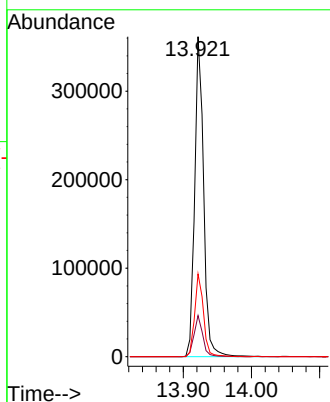
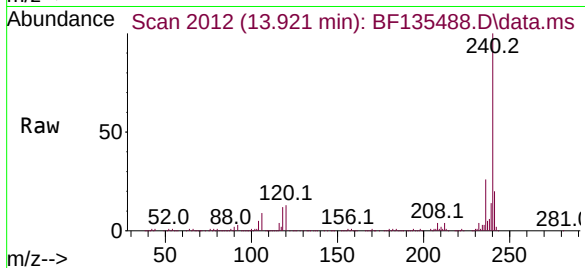
Tgt Ion:240 Resp: 329884

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 25.8 19.8 29.8



#77

Benzidine

Concen: 3.183 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.253 min

Lab File: BF135488.D

Acq: 28 Sep 2023 12:25

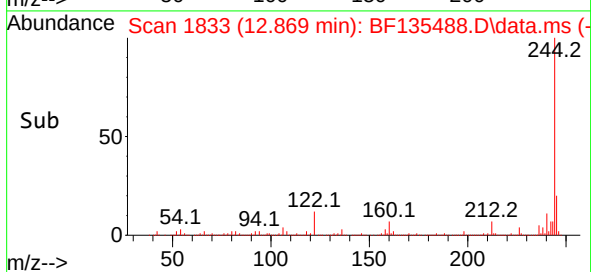
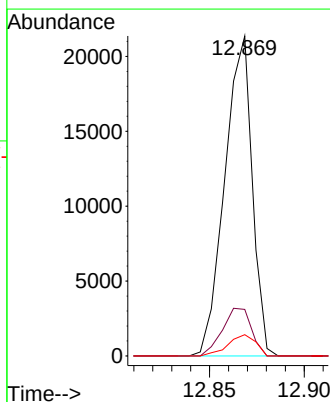
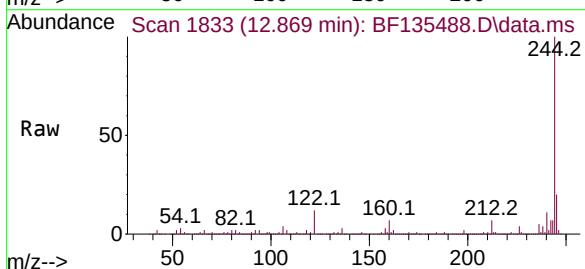
Tgt Ion:184 Resp: 21509

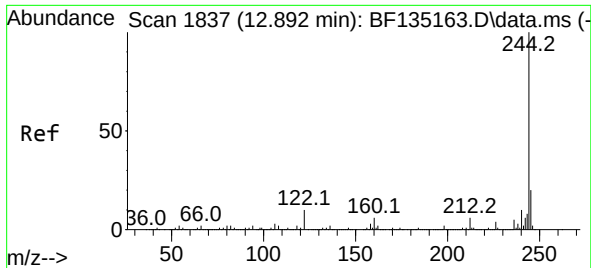
Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

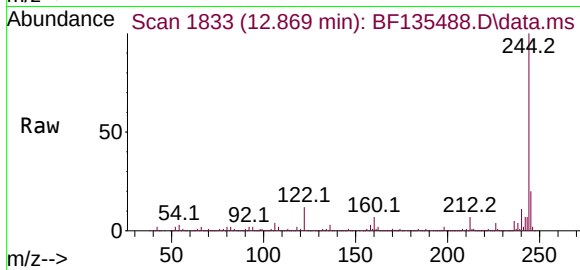
183 6.6 8.2 12.4#



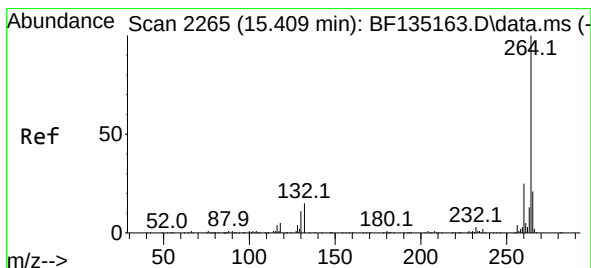
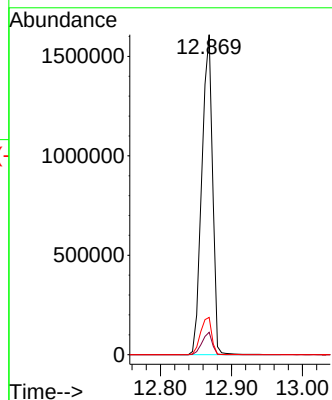
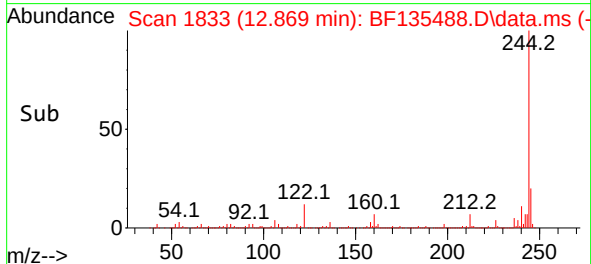


#79
 Terphenyl-d14
 Concen: 79.574 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135488.D
 Acq: 28 Sep 2023 12:25

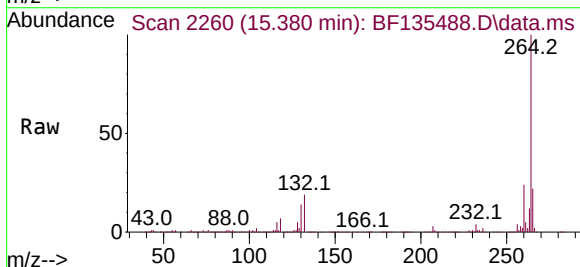
Instrument :
 BNA_F
 ClientSampleId :
 PB155836BL



Tgt Ion:244 Resp: 1693344
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.6 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: BF135488.D
 Acq: 28 Sep 2023 12:25



Tgt Ion:264 Resp: 257545
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.7 17.0 25.4

