

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135466.D
 Acq On : 27 Sep 2023 11:32
 Operator : CG\JU
 Sample : PB155849BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:42:21 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 26 01:36:36 2023
 Response via : Initial Calibration

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

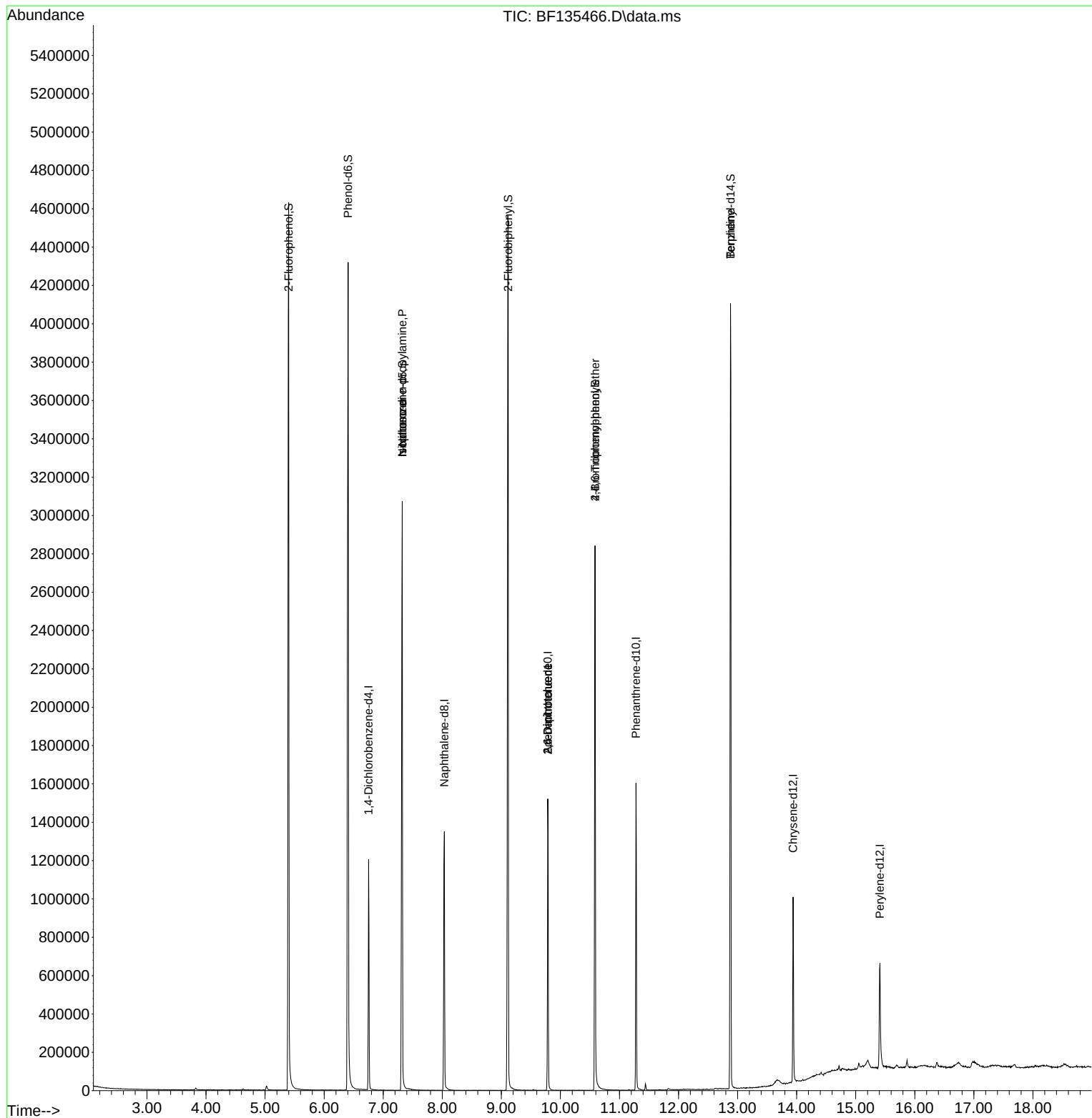
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	170069	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	657427	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	320420	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	584276	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	329560	20.000	ng	0.00
86) Perylene-d12	15.410	264	286732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1343176	128.454	ng	0.02
7) Phenol-d6	6.404	99	1725510	129.776	ng	0.00
23) Nitrobenzene-d5	7.322	82	1100895	90.977	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	362003	113.687	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1773092	83.487	ng	0.00
79) Terphenyl-d14	12.880	244	1649215	77.576	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	146165	17.748	ng	# 79
25) Isophorone	7.322	82	1093285	49.202	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	41264	8.695	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	41264	6.945	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	21789	3.750	ng	# 1
77) Benzidine	12.880	184	21359	3.164	ng	# 95

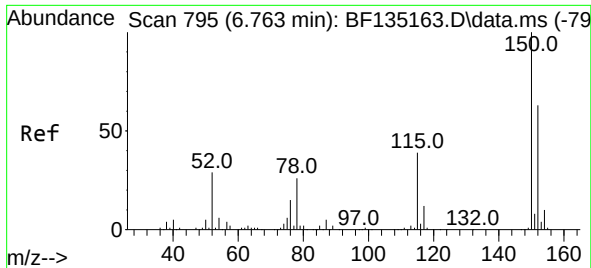
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
Data File : BF135466.D
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Operator : CG\JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :

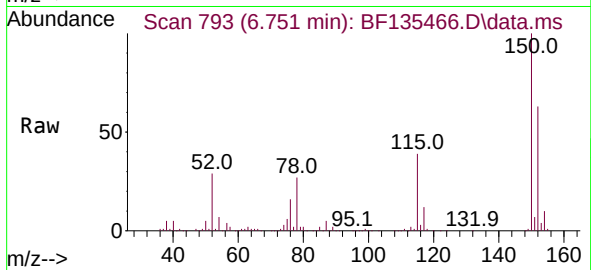
Quant Time: Sep 28 01:42:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



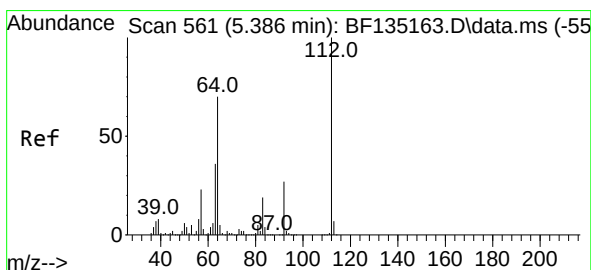
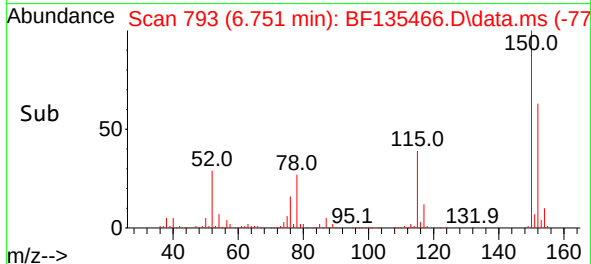
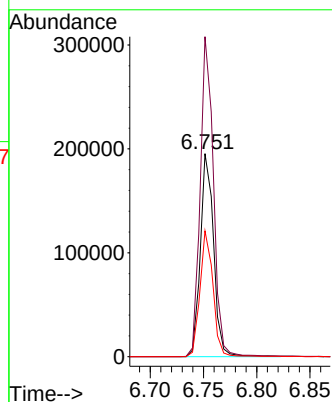


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Instrument :
BNA_F
ClientSampleId :

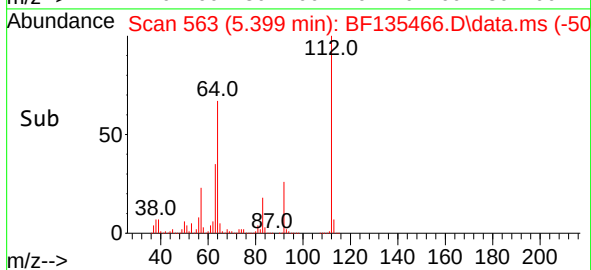
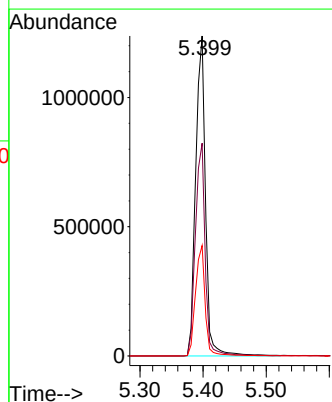
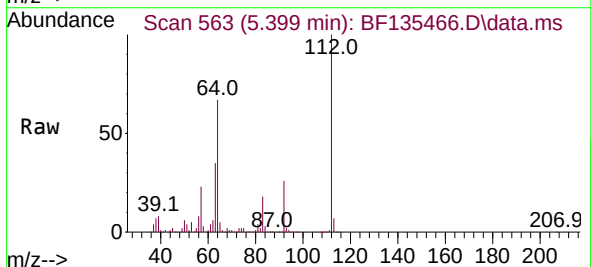


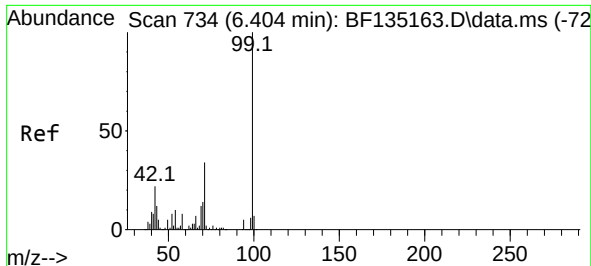
Tgt Ion:152 Resp: 170069
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 61.9 49.8 74.8



#5
2-Fluorophenol
Concen: 128.454 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Tgt Ion:112 Resp: 1343176
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.5 29.0 43.6



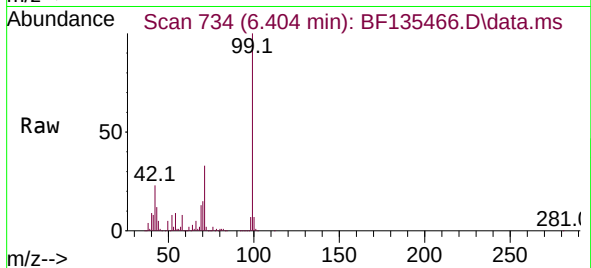


#7
Phenol-d6
Concen: 129.776 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Instrument :

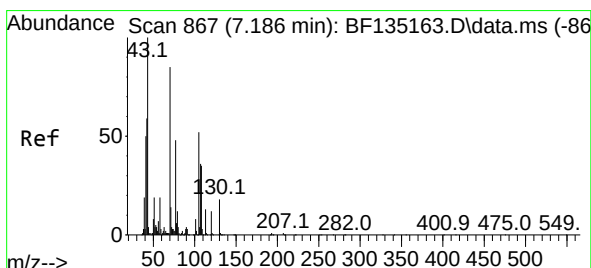
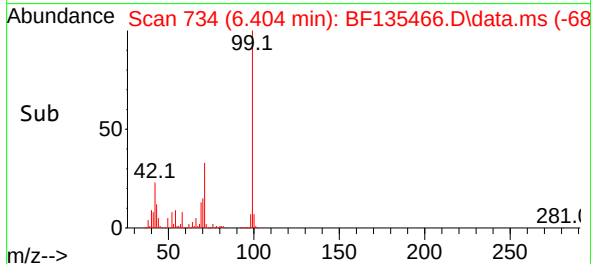
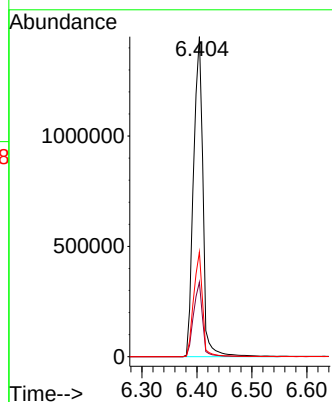
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1725510

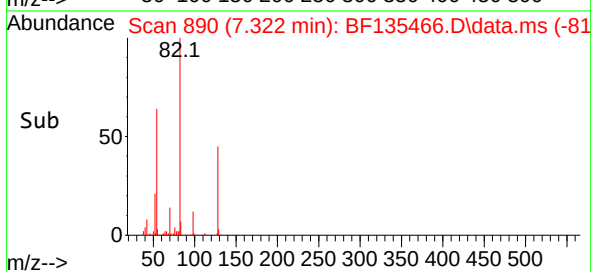
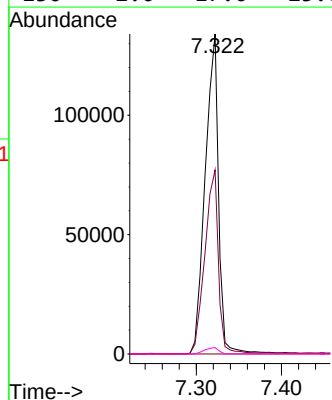
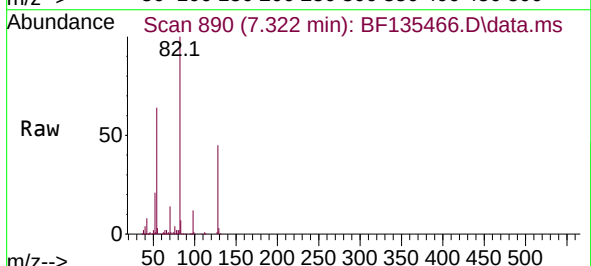
Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	32.7	27.0	40.6

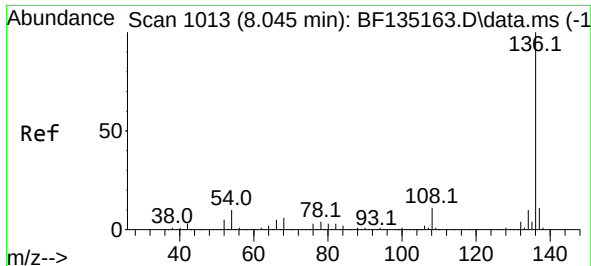


#19
n-Nitroso-di-n-propylamine
Concen: 17.748 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Tgt Ion: 70 Resp: 146165

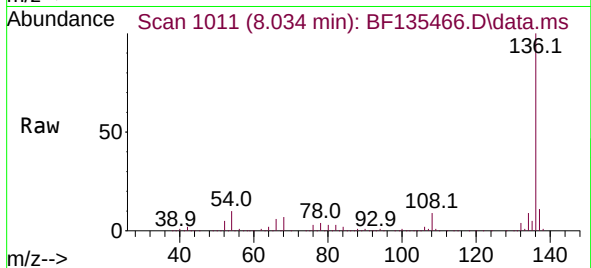
Ion	Ratio	Lower	Upper
70	100		
42	57.5	55.4	83.0
101	0.0	7.7	11.5#
130	2.0	17.0	25.6#



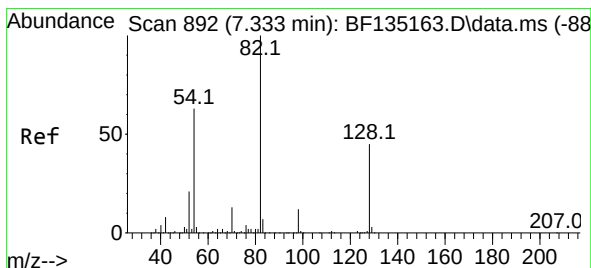
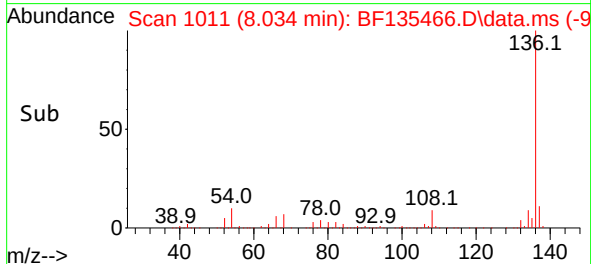
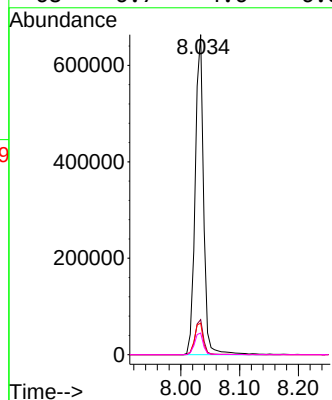


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Instrument :
BNA_F
ClientSampleId :

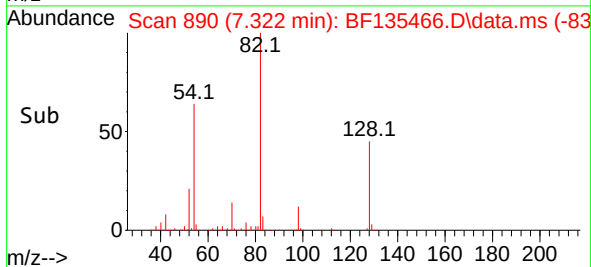
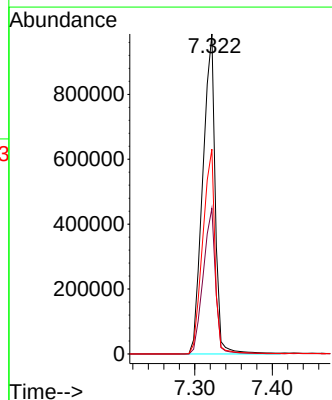
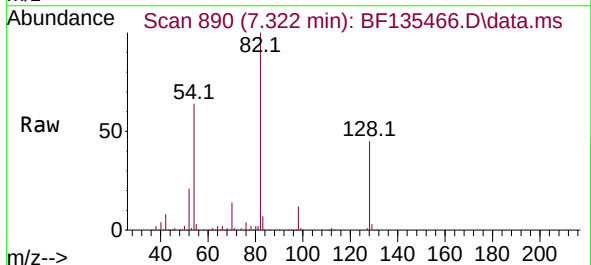


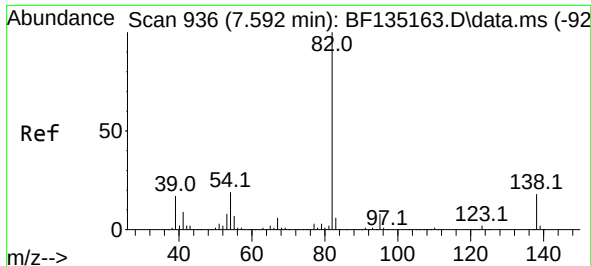
Tgt Ion:136 Resp: 657427
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.977 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

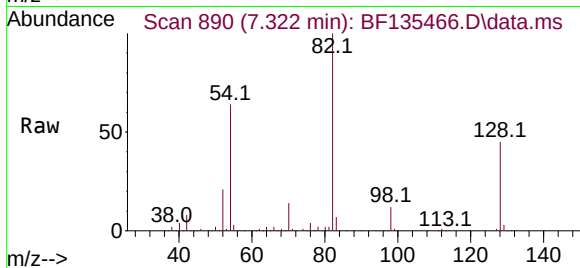
Tgt Ion: 82 Resp: 1100895
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.6
54 64.0 50.6 76.0



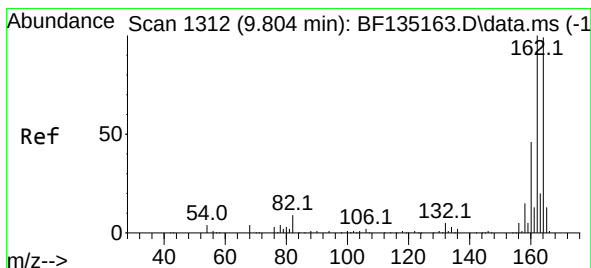
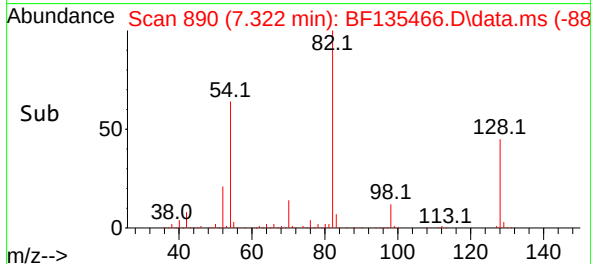
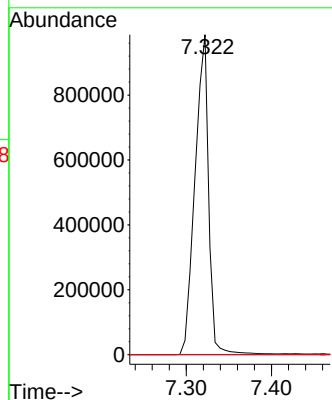


#25
Isophorone
Concen: 49.202 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Instrument :
BNA_F
ClientSampleId :

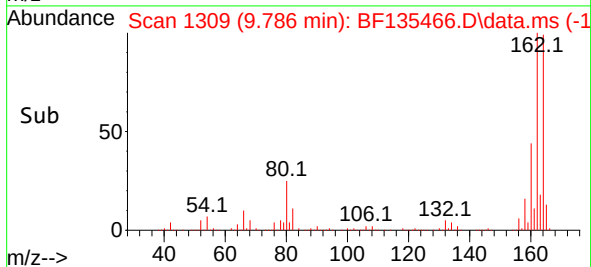
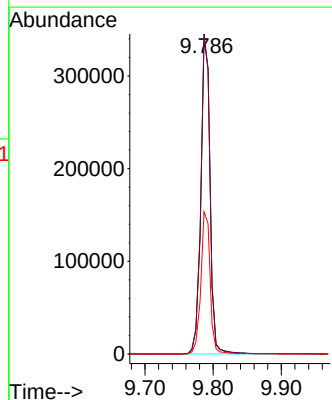
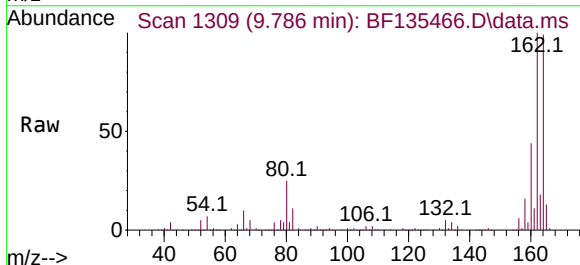


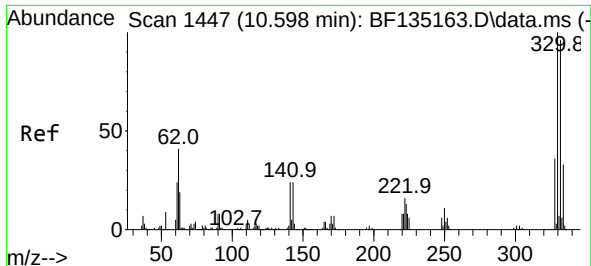
Tgt Ion: 82 Resp: 1093285
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

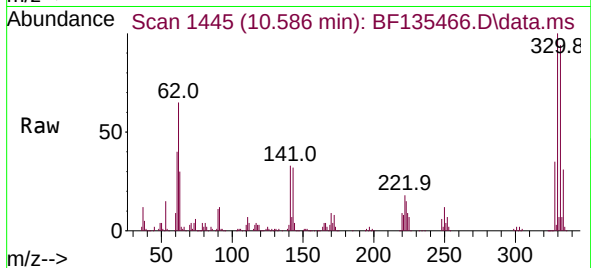
Tgt Ion:164 Resp: 320420
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.9 37.0 55.4



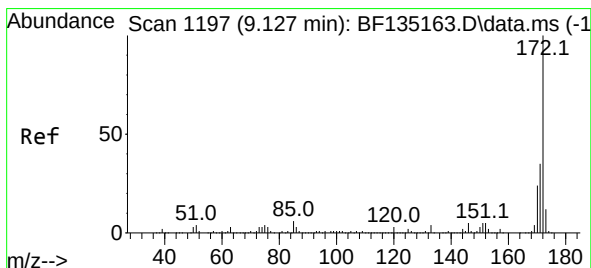
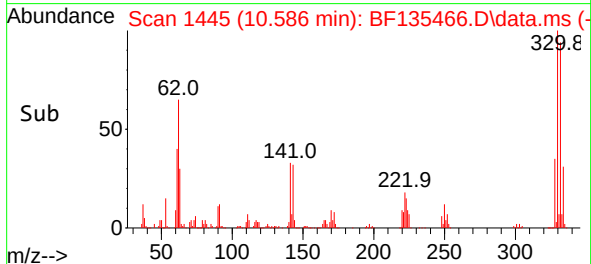
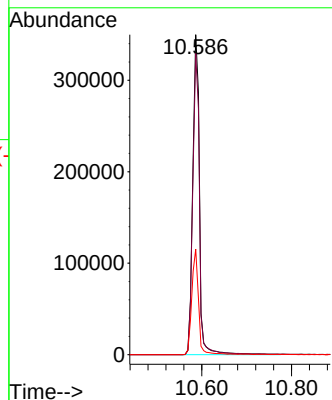


#42
2,4,6-Tribromophenol
Concen: 113.687 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Instrument :
BNA_F
ClientSampleId :

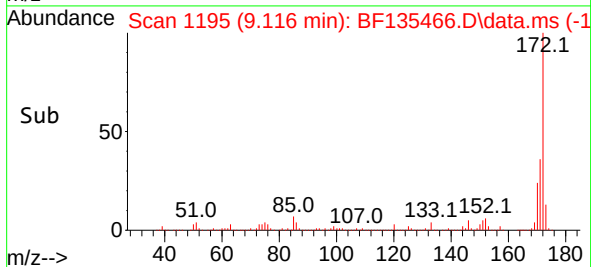
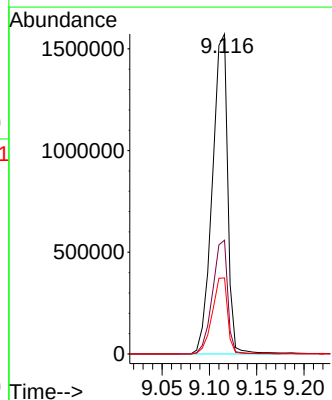
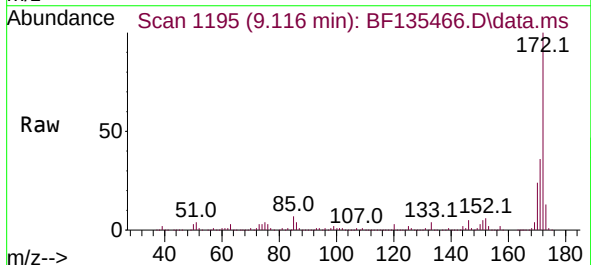


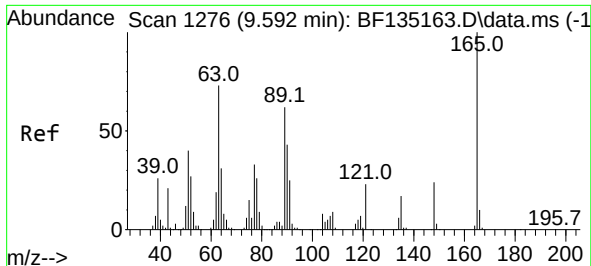
Tgt Ion:330 Resp: 362003
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 33.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.487 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Tgt Ion:172 Resp: 1773092
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.695 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Instrument :

BNA_F

ClientSampleId :

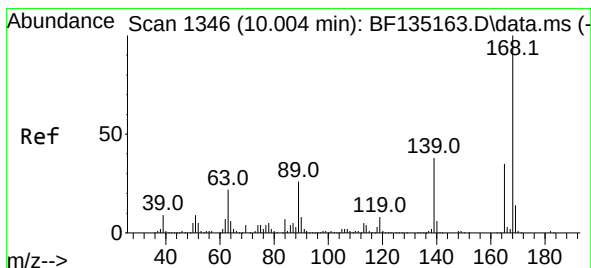
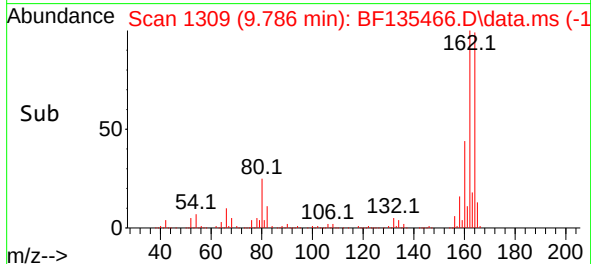
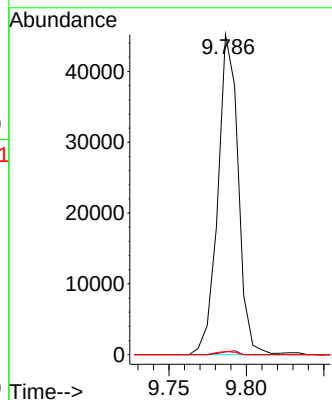
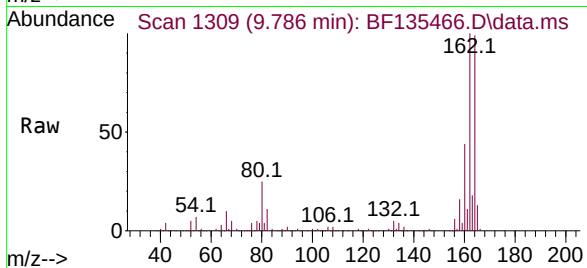
Tgt Ion:165 Resp: 41264

Ion Ratio Lower Upper

165 100

63 0.9 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.945 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Tgt Ion:165 Resp: 41264

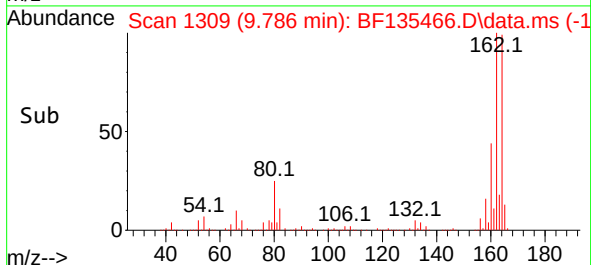
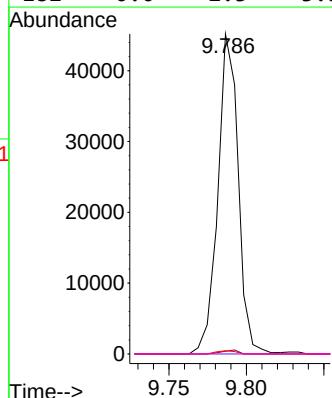
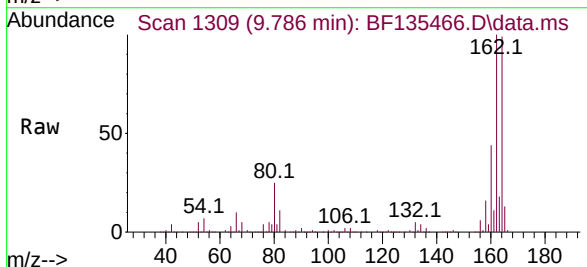
Ion Ratio Lower Upper

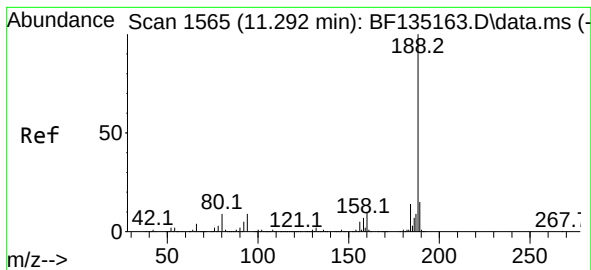
165 100

63 0.9 50.1 75.1#

89 1.0 59.3 88.9#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Instrument :

BNA_F

ClientSampleId :

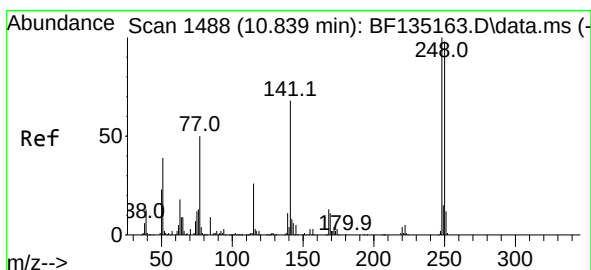
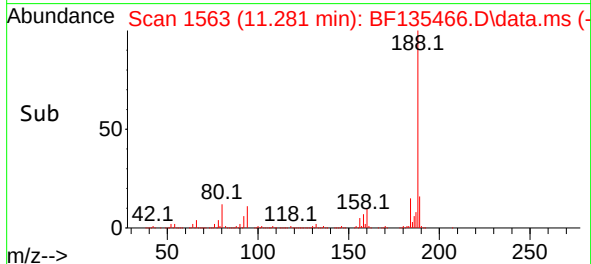
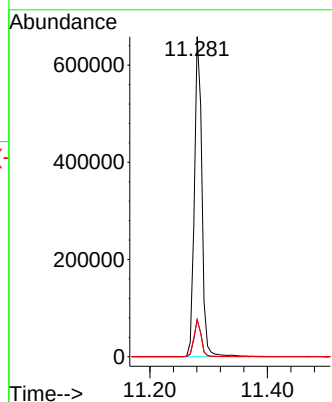
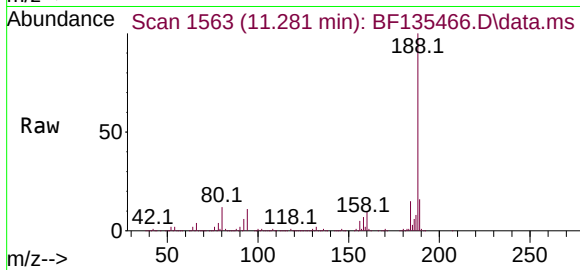
Tgt Ion:188 Resp: 584276

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 11.6 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.750 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

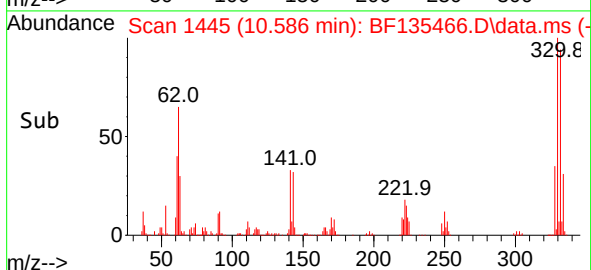
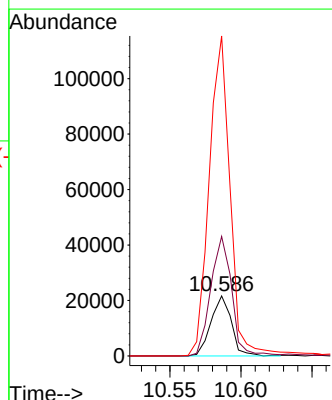
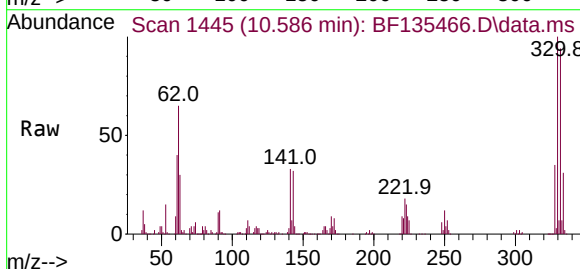
Tgt Ion:248 Resp: 21789

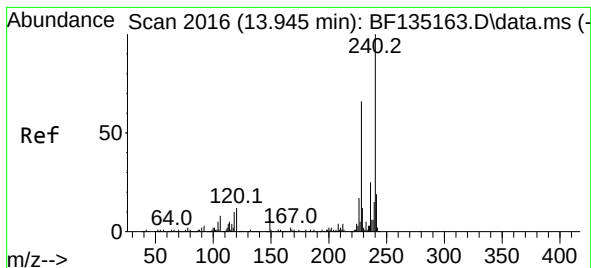
Ion Ratio Lower Upper

248 100

250 198.9 78.6 117.8#

141 532.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Instrument :

BNA_F

ClientSampleId :

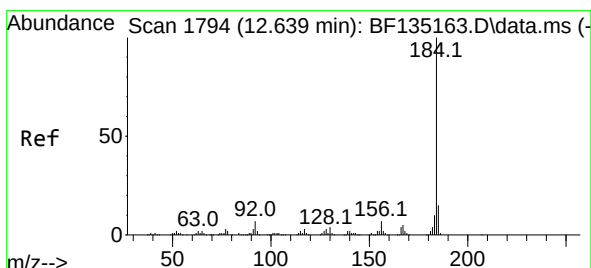
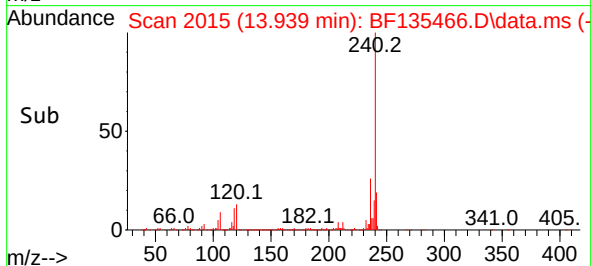
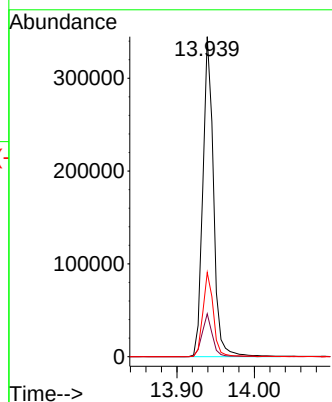
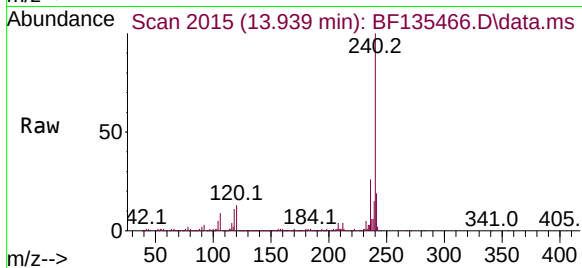
Tgt Ion:240 Resp: 329560

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

236 26.3 19.8 29.8



#77

Benzidine

Concen: 3.164 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

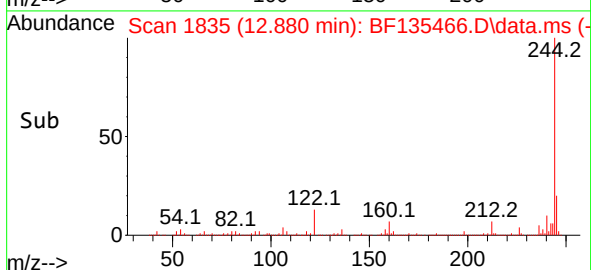
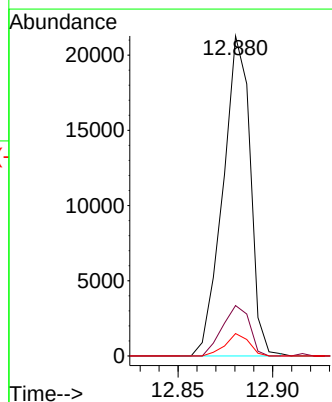
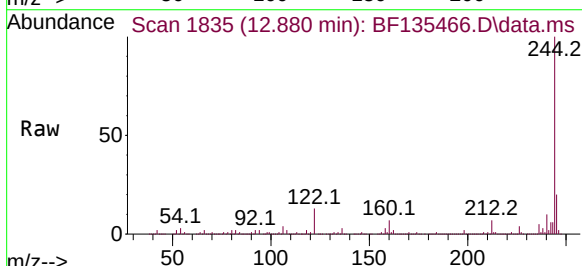
Tgt Ion:184 Resp: 21359

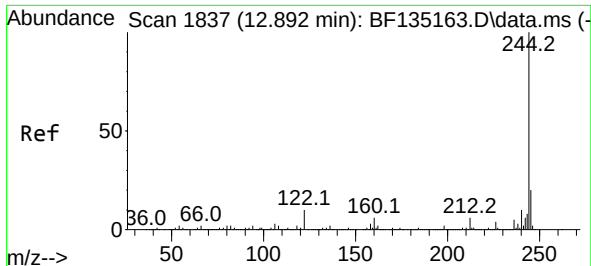
Ion Ratio Lower Upper

184 100

185 15.8 11.7 17.5

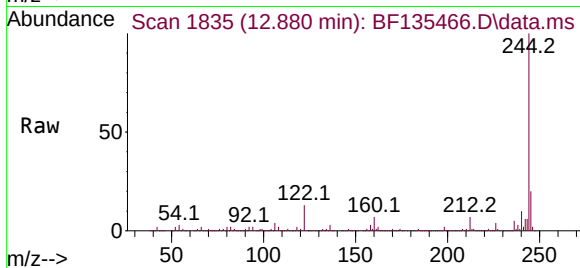
183 7.0 8.2 12.4#



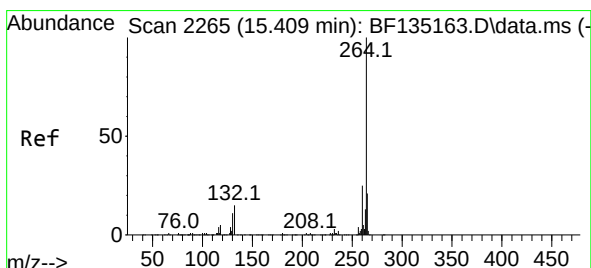
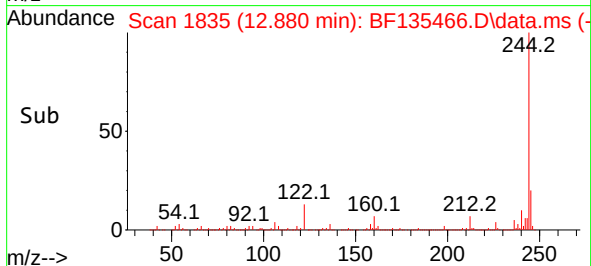
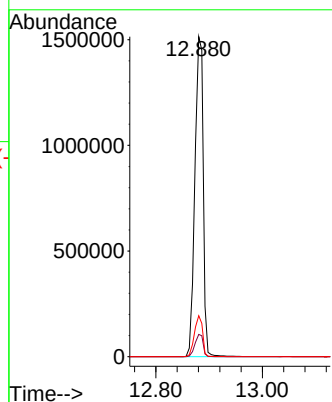


#79
 Terphenyl-d14
 Concen: 77.576 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135466.D
 Acq: 27 Sep 2023 11:32

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1649215
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.8 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135466.D
 Acq: 27 Sep 2023 11:32

Tgt Ion:264 Resp: 286732
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 21.5 17.0 25.4

