

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131895.D
 Acq On : 04 Jan 2023 12:49
 Operator : CG\JU
 Sample : PB150009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BL

Quant Time: Jan 05 05:39:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

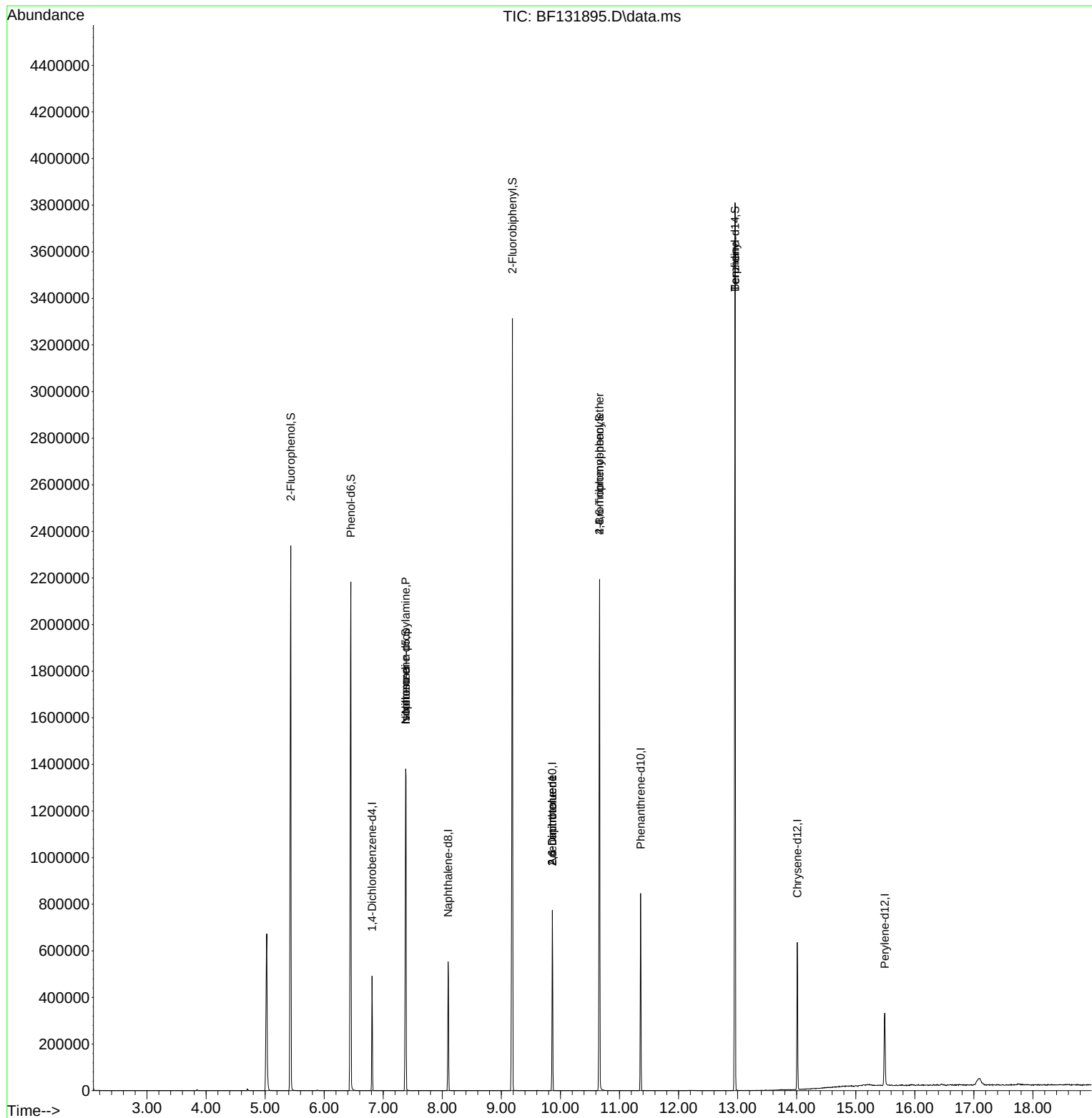
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	61058	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	233776	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	141611	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	287793	20.000	ng	0.00
76) Chrysene-d12	14.010	240	199999	20.000	ng	0.00
86) Perylene-d12	15.492	264	141003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	591007	160.410	ng	0.01
7) Phenol-d6	6.451	99	762883	157.602	ng	0.00
23) Nitrobenzene-d5	7.381	82	544807	93.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	244316	158.790	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	982548	95.037	ng	0.00
79) Terphenyl-d14	12.957	244	1276341	107.948	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	76984	22.519	ng	# 79
25) Isophorone	7.381	82	544802	56.975	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	17795	7.673	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	17795	5.611	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	16541	4.959	ng	# 1
77) Benzidine	12.957	184	19446	5.917	ng	# 92

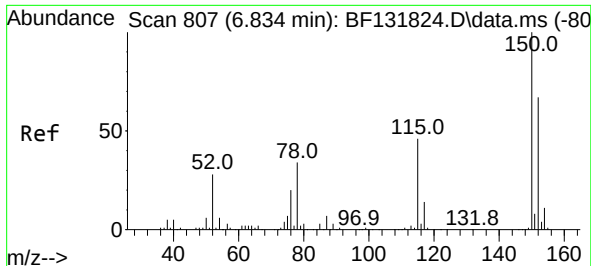
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
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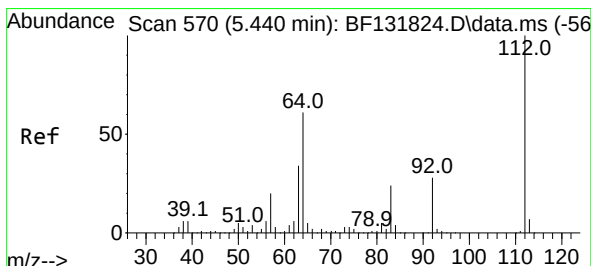
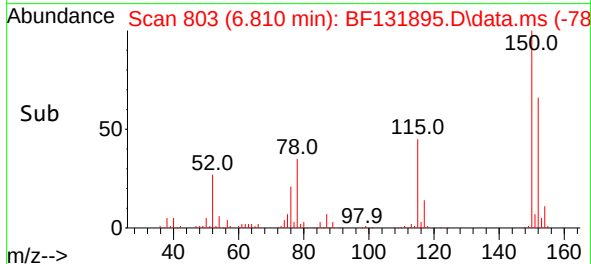
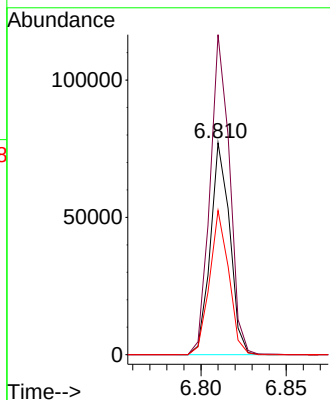
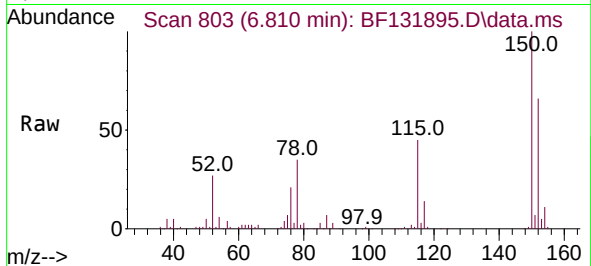




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

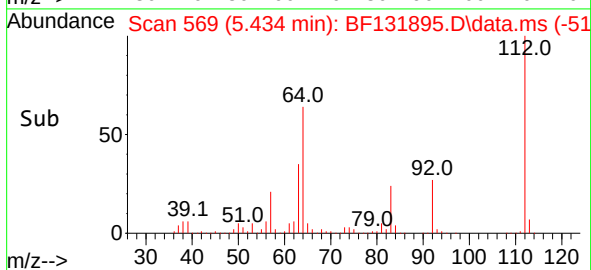
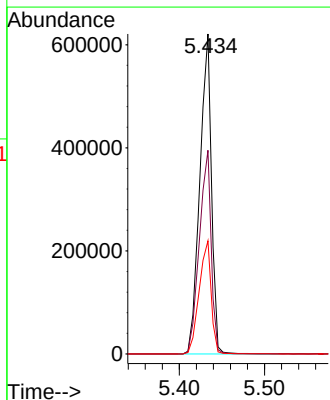
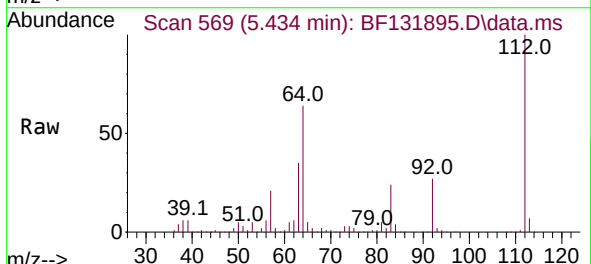
Instrument :
BNA_F
ClientSampleId :
PB150009BL

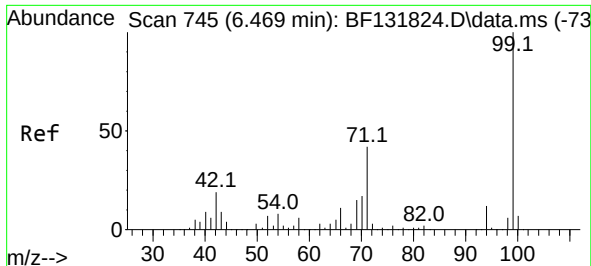
Tgt Ion:152 Resp: 61058
Ion Ratio Lower Upper
152 100
150 151.1 120.0 180.0
115 68.1 55.1 82.7



#5
2-Fluorophenol
Concen: 160.410 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion:112 Resp: 591007
Ion Ratio Lower Upper
112 100
64 63.6 49.2 73.8
63 35.3 27.5 41.3

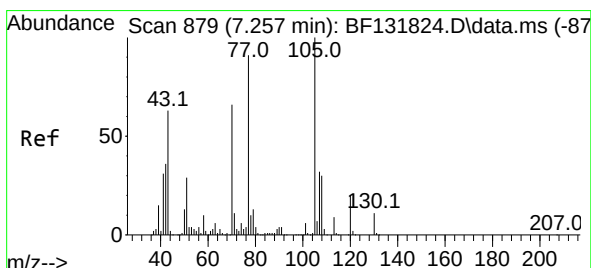
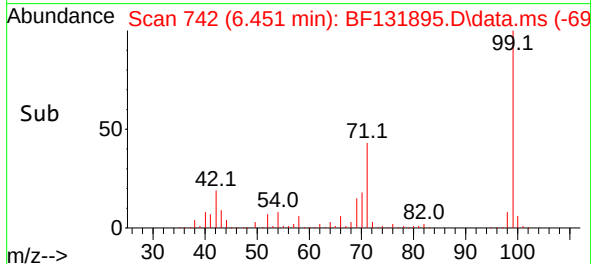
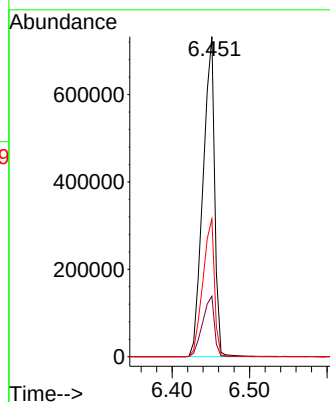
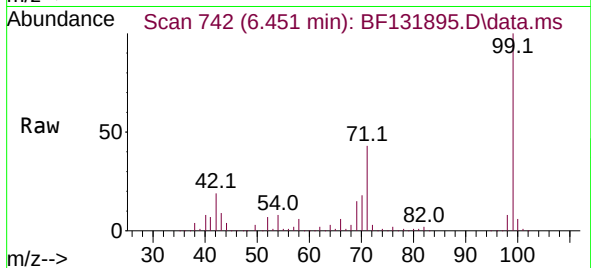




#7
Phenol-d6
Concen: 157.602 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

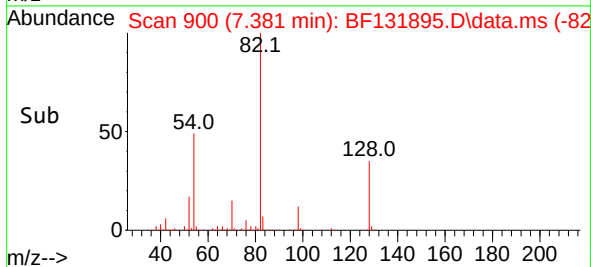
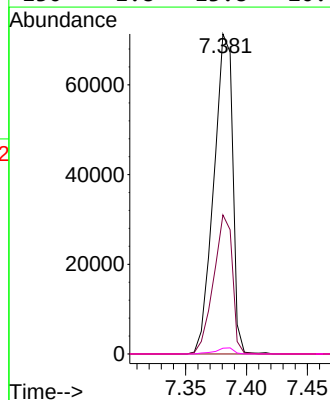
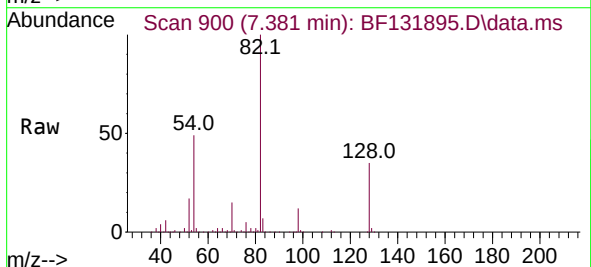
Instrument :
BNA_F
ClientSampleId :
PB150009BL

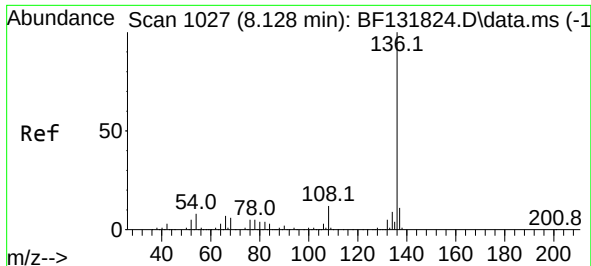
Tgt Ion: 99 Resp: 762883
Ion Ratio Lower Upper
99 100
42 18.9 15.3 22.9
71 43.0 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.519 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 70 Resp: 76984
Ion Ratio Lower Upper
70 100
42 43.5 43.8 65.6#
101 0.0 7.4 11.0#
130 1.8 13.8 20.6#



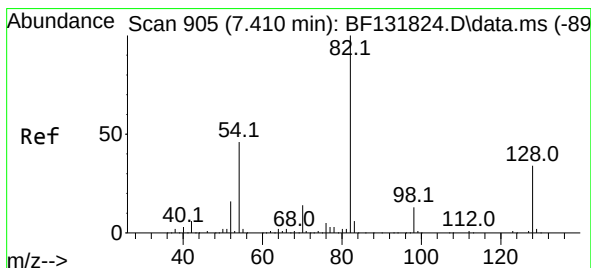
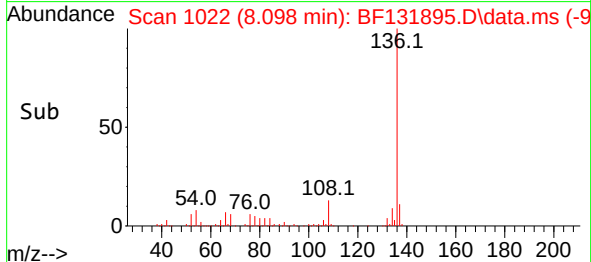
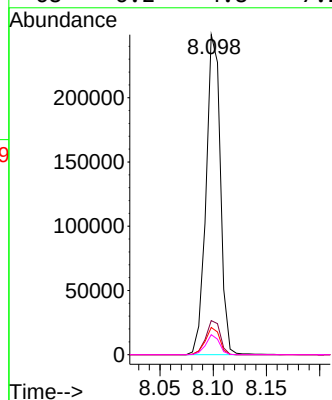
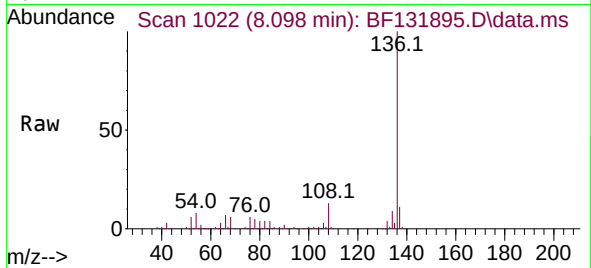


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Instrument :
BNA_F
ClientSampleId :
PB150009BL

Tgt Ion:136 Resp: 233776

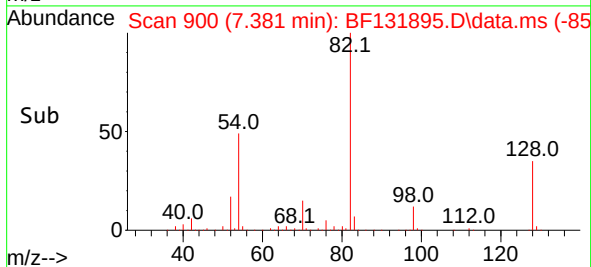
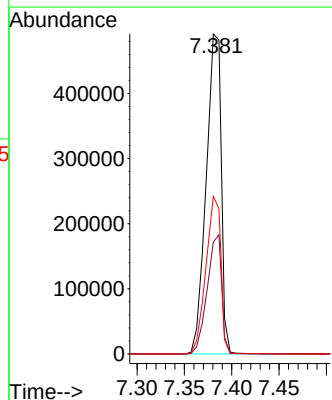
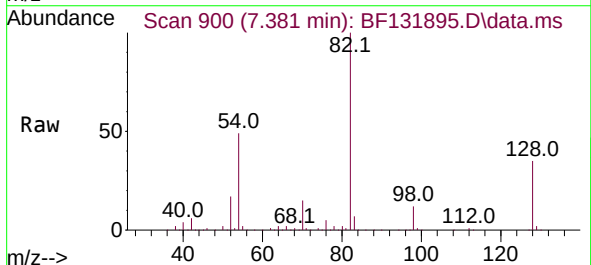
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.5	6.7	10.1
68	6.2	4.8	7.2

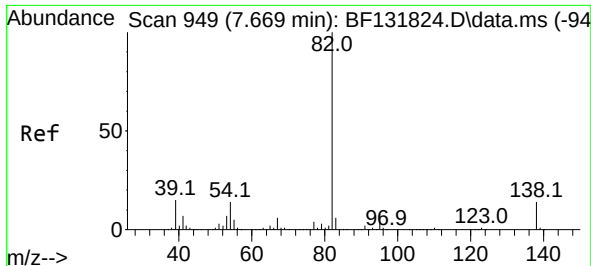


#23
Nitrobenzene-d5
Concen: 93.045 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 82 Resp: 544807

Ion	Ratio	Lower	Upper
82	100		
128	35.0	27.1	40.7
54	49.2	37.0	55.6

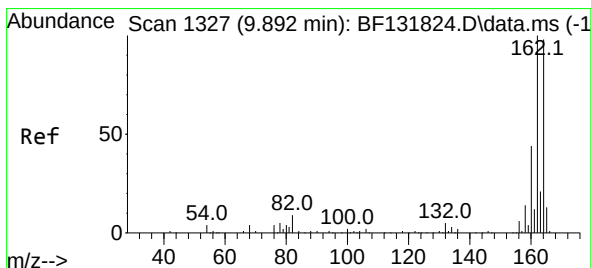
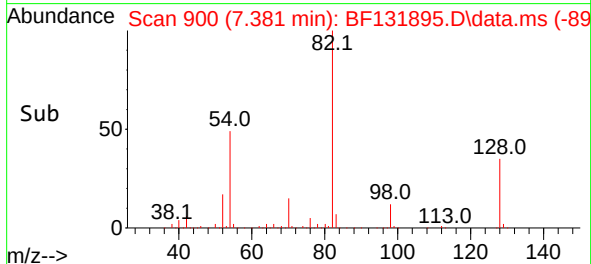
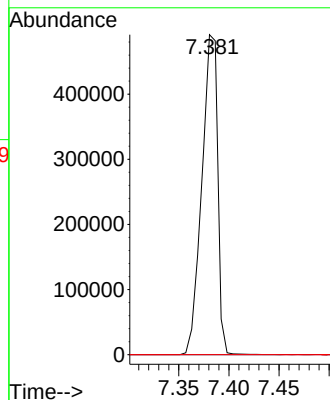
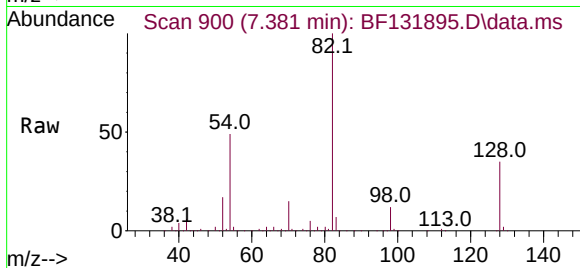




#25
Isophorone
Concen: 56.975 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

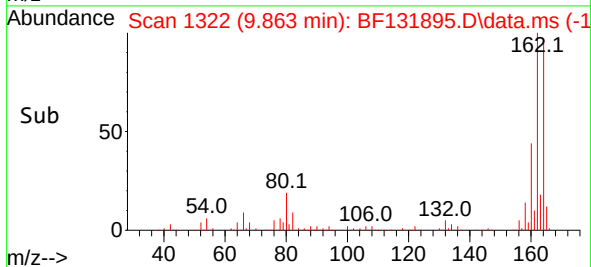
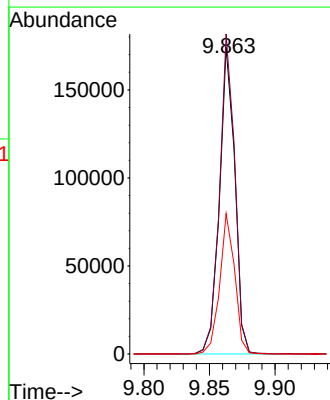
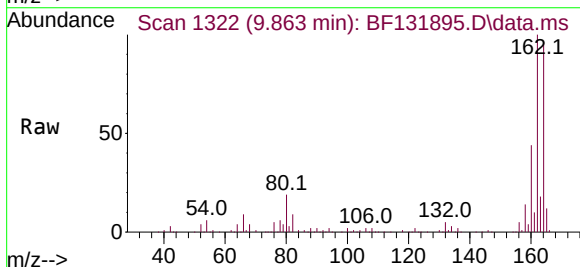
Instrument :
BNA_F
ClientSampleId :
PB150009BL

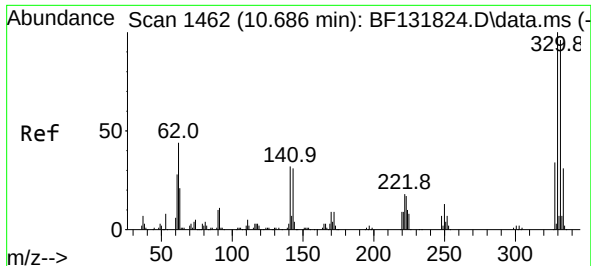
Tgt Ion: 82 Resp: 544802
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion:164 Resp: 141611
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 45.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 158.790 ng

RT: 10.663 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131895.D

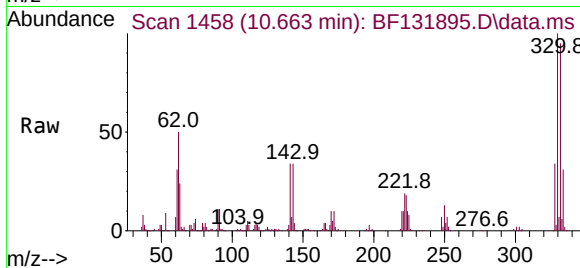
Acq: 04 Jan 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB150009BL



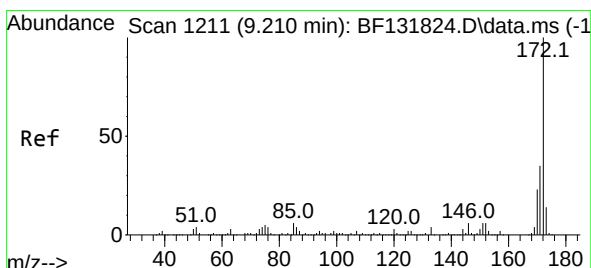
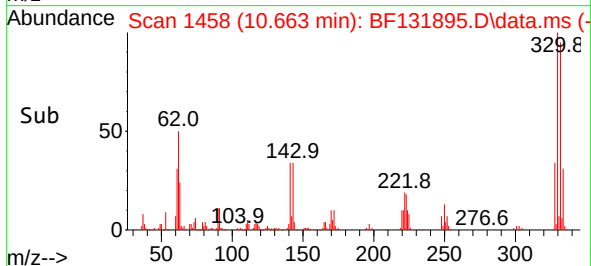
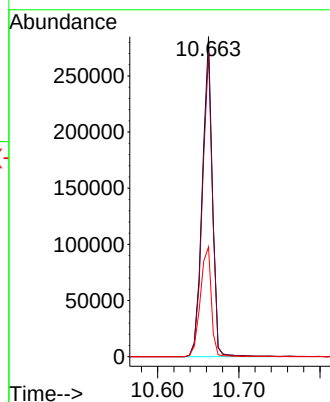
Tgt Ion:330 Resp: 244316

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 37.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.037 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

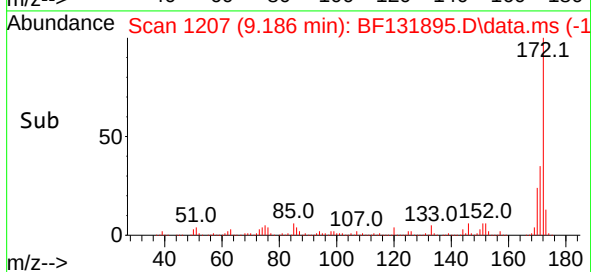
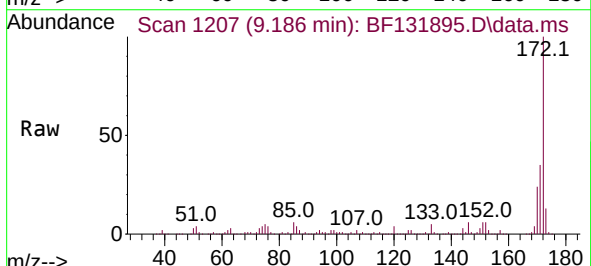
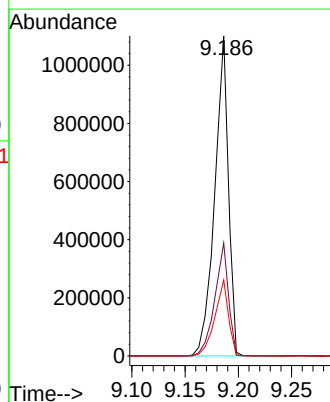
Tgt Ion:172 Resp: 982548

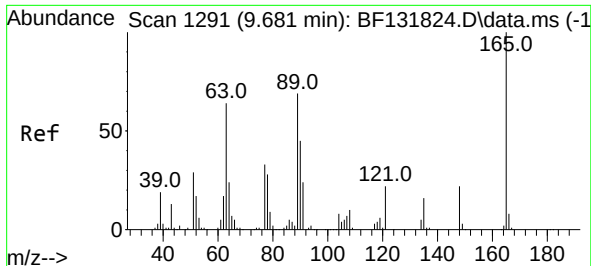
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.8 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.673 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB150009BL

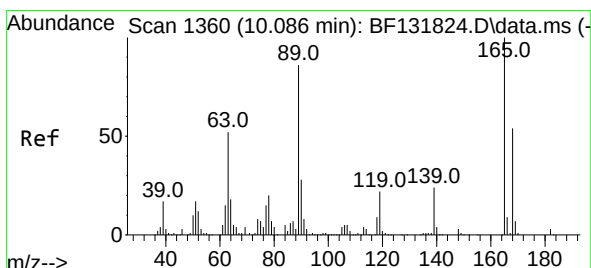
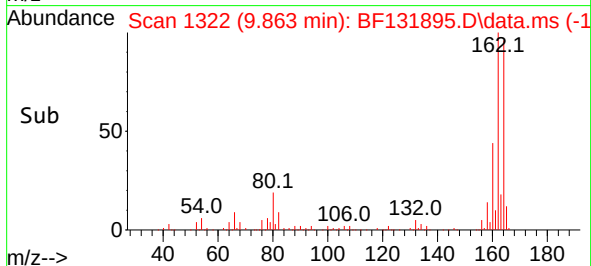
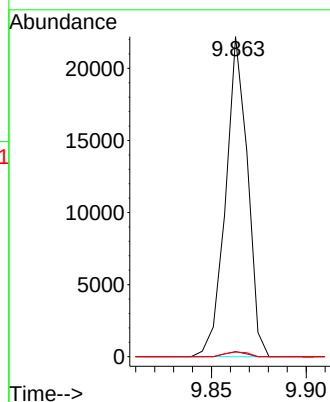
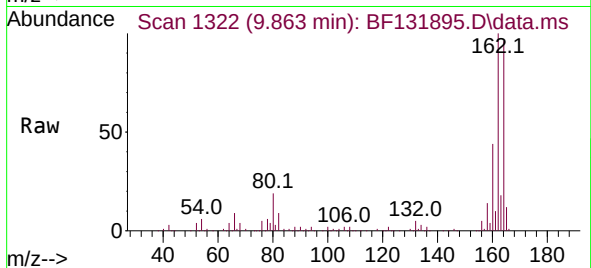
Tgt Ion:165 Resp: 17795

Ion Ratio Lower Upper

165 100

63 1.6 55.1 82.7#

89 1.5 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.611 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

Tgt Ion:165 Resp: 17795

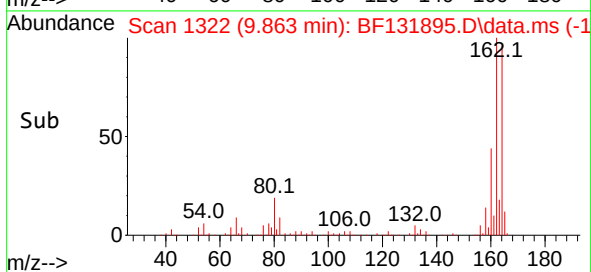
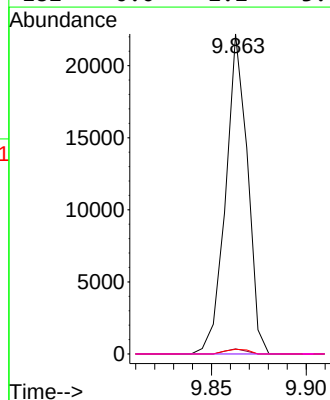
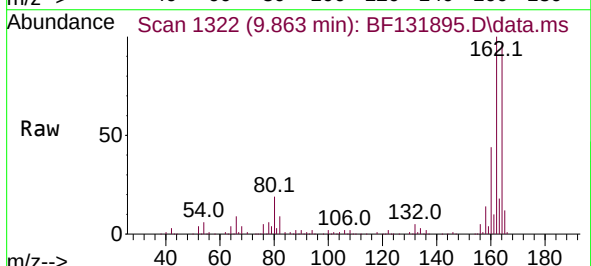
Ion Ratio Lower Upper

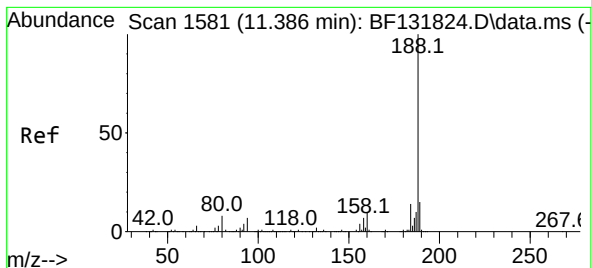
165 100

63 1.6 42.1 63.1#

89 1.5 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

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PB150009BL

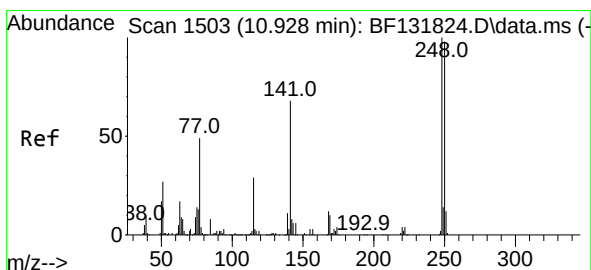
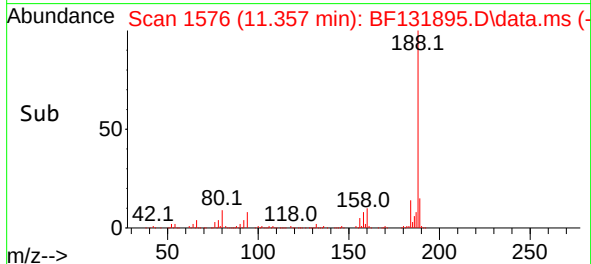
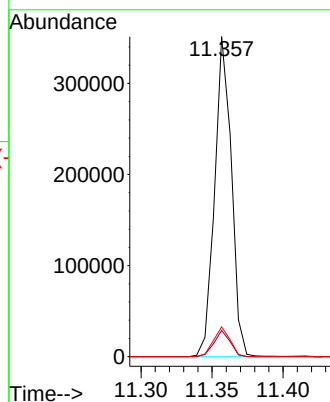
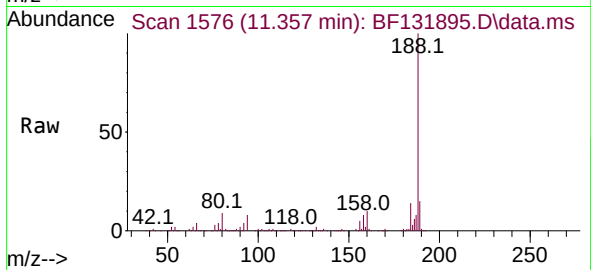
Tgt Ion:188 Resp: 287793

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 9.3 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.959 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

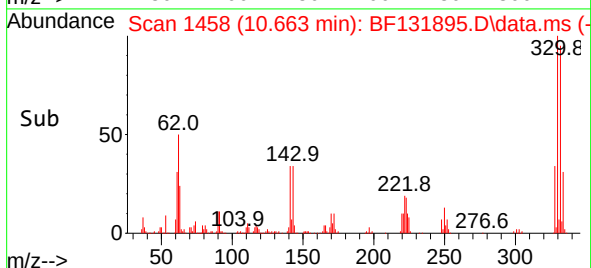
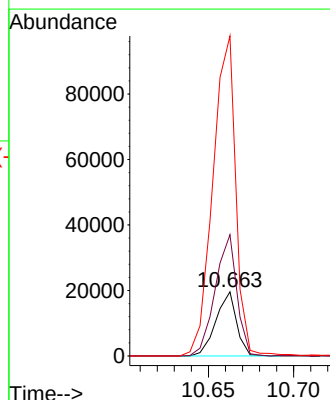
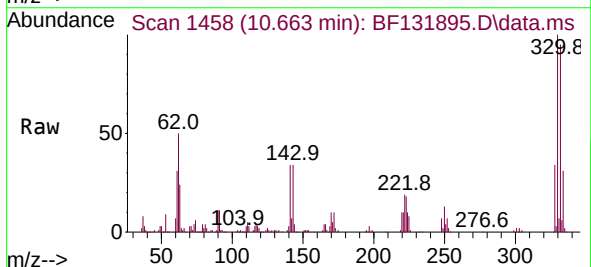
Tgt Ion:248 Resp: 16541

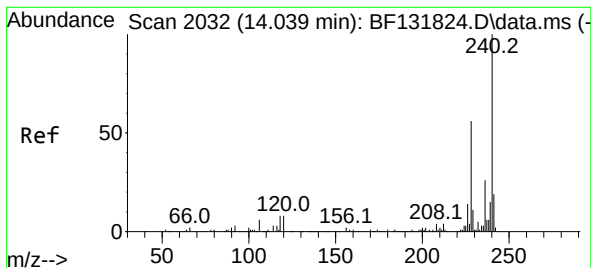
Ion Ratio Lower Upper

248 100

250 189.1 78.0 117.0#

141 499.2 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB150009BL

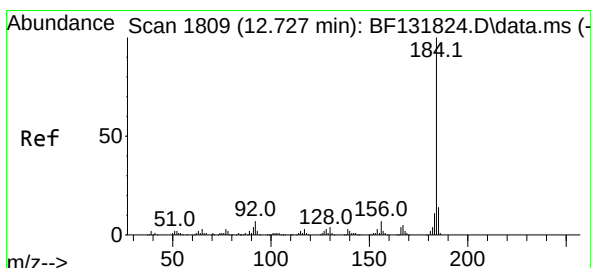
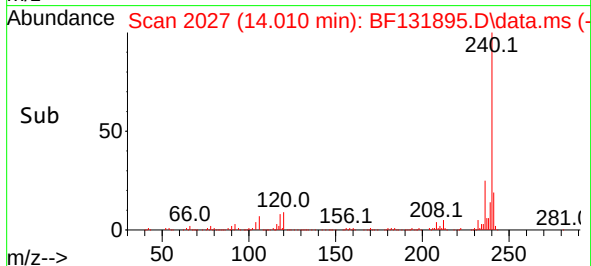
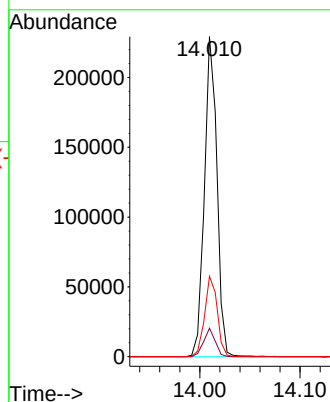
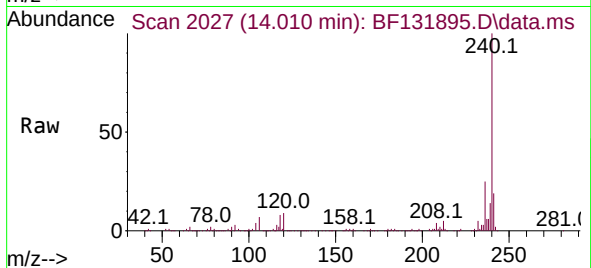
Tgt Ion:240 Resp: 199999

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 25.1 20.6 31.0



#77

Benzidine

Concen: 5.917 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.247 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

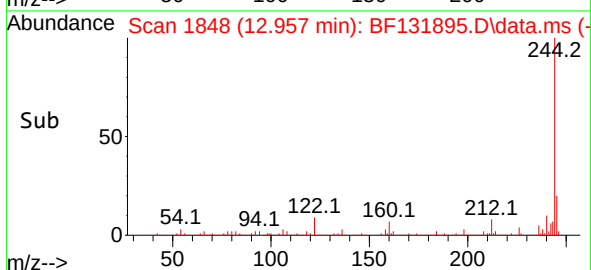
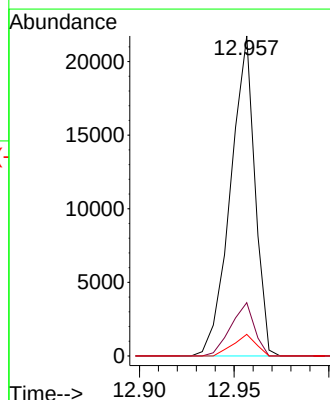
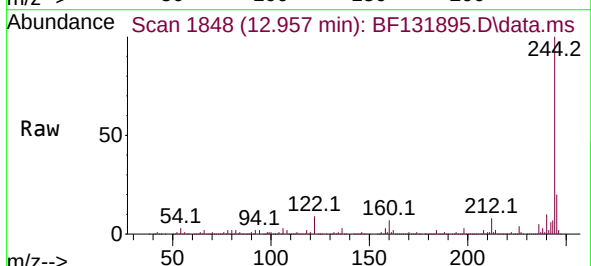
Tgt Ion:184 Resp: 19446

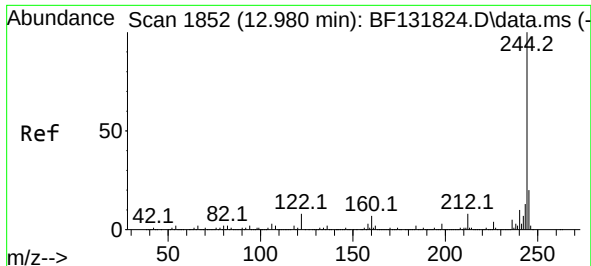
Ion Ratio Lower Upper

184 100

185 16.7 11.6 17.4

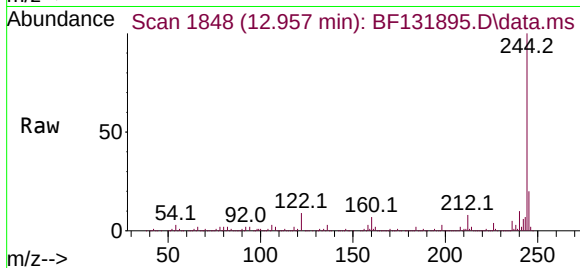
183 6.8 9.0 13.4#



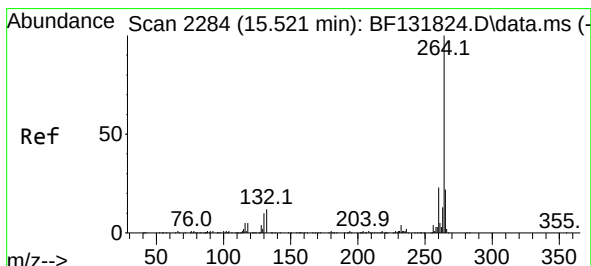
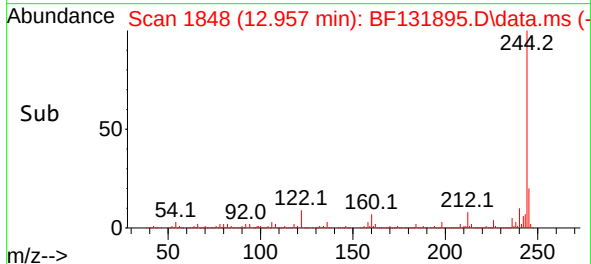
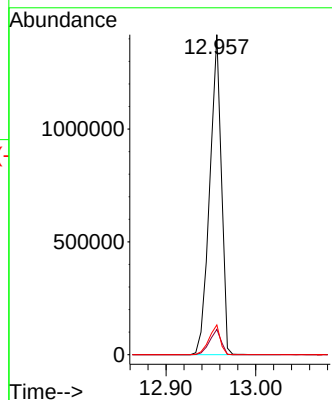


#79
 Terphenyl-d14
 Concen: 107.948 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131895.D
 Acq: 04 Jan 2023 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BL



Tgt Ion:244 Resp: 1276341
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF131895.D
 Acq: 04 Jan 2023 12:49

Tgt Ion:264 Resp: 141003
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 20.7 17.4 26.0

