

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131908.D
 Acq On : 04 Jan 2023 20:15
 Operator : CG\JU
 Sample : N6248-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: Jan 05 05:45:52 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)

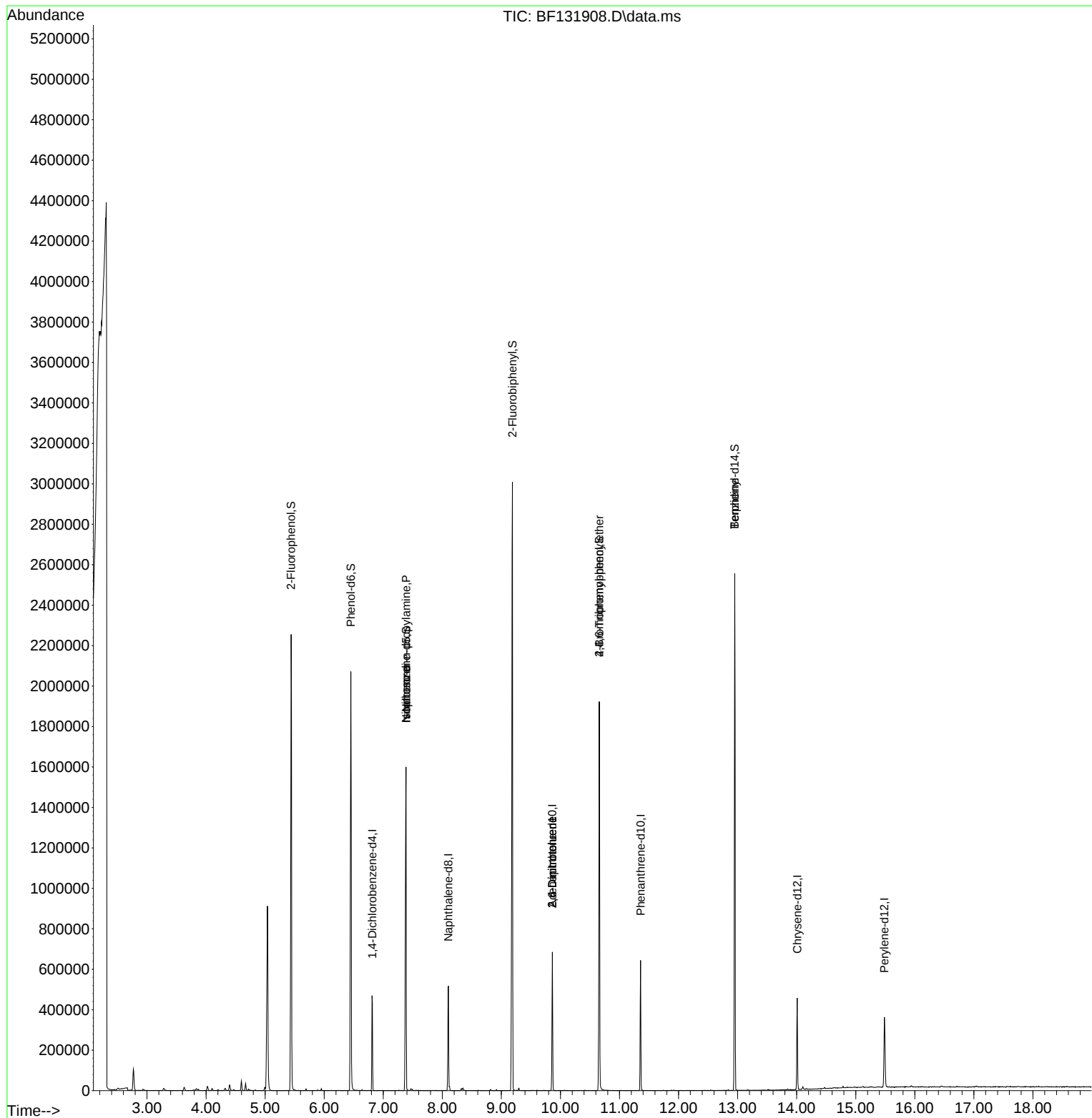
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	65181	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	229942	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	125861	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	212567	20.000	ng	0.00
76) Chrysene-d12	14.010	240	143312	20.000	ng	0.00
86) Perylene-d12	15.486	264	161211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	592990	150.767	ng	0.02
7) Phenol-d6	6.451	99	710955	137.584	ng	0.00
23) Nitrobenzene-d5	7.386	82	561478	97.491	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	210646	154.039	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	967823	105.327	ng	0.00
79) Terphenyl-d14	12.951	244	874963	103.272	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	79125	21.681	ng	# 78
25) Isophorone	7.386	82	559623	59.501	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	16209	7.864	ng	# 18
57) 2,4-Dinitrotoluene	9.863	165	16209	5.750	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	14320	5.812	ng	# 1
77) Benzidine	12.951	184	13708	5.820	ng	# 95

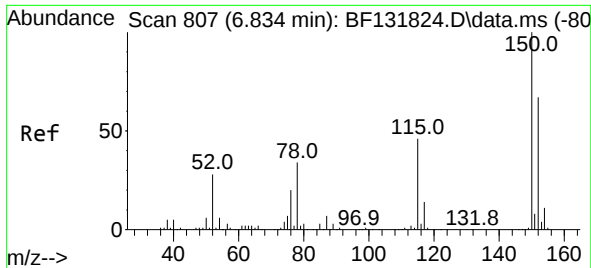
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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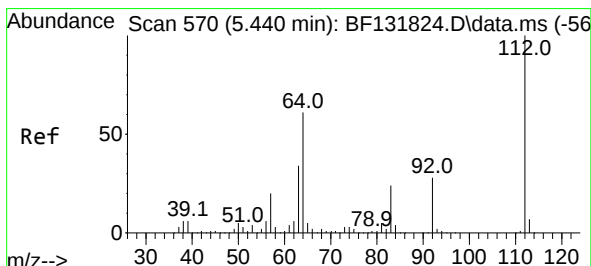
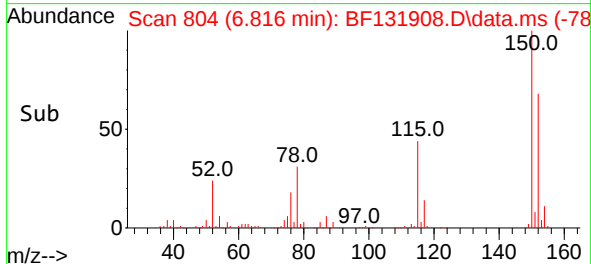
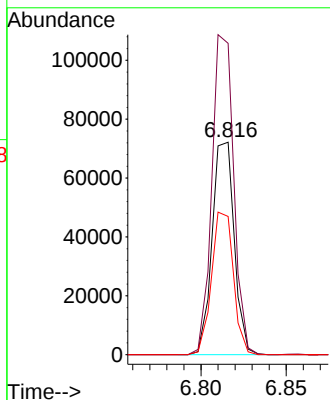
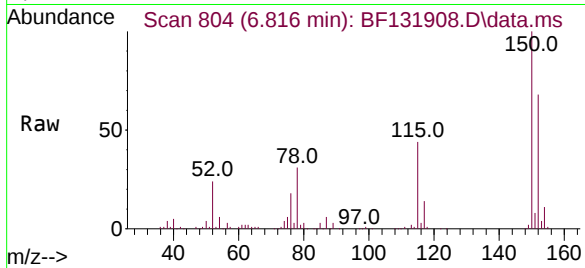




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

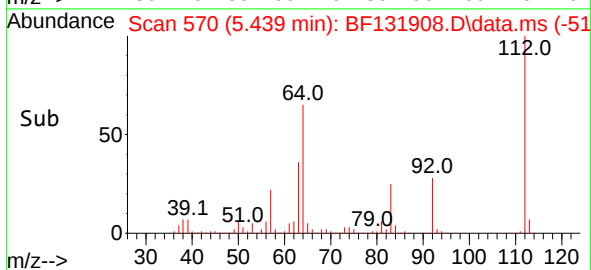
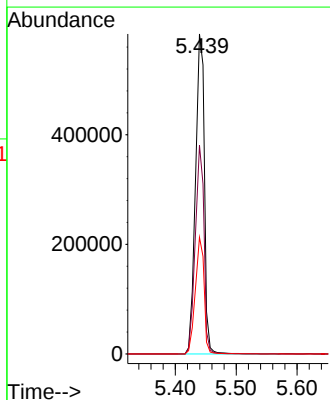
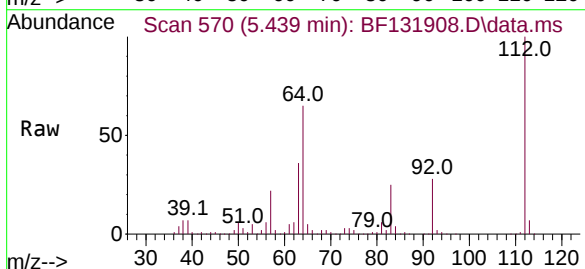
Instrument :
BNA_F
ClientSampleId :
TP-15

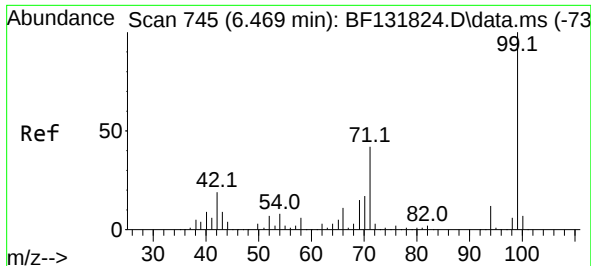
Tgt Ion:152 Resp: 65181
Ion Ratio Lower Upper
152 100
150 146.5 120.0 180.0
115 65.1 55.1 82.7



#5
2-Fluorophenol
Concen: 150.767 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

Tgt Ion:112 Resp: 592990
Ion Ratio Lower Upper
112 100
64 65.2 49.2 73.8
63 36.4 27.5 41.3

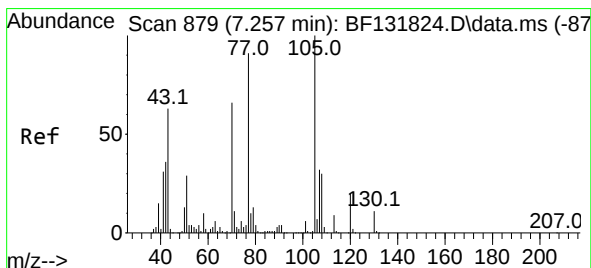
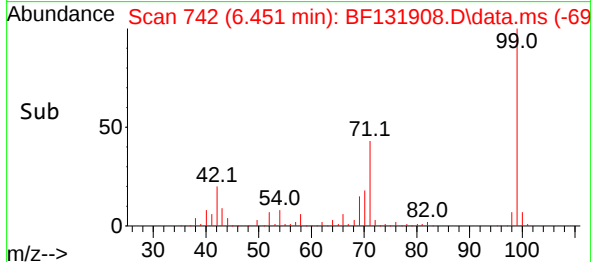
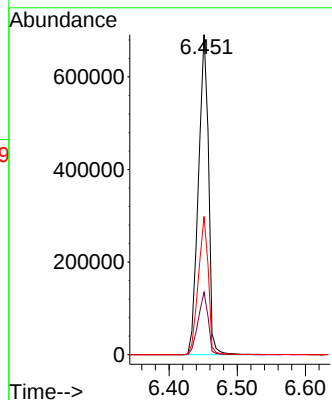
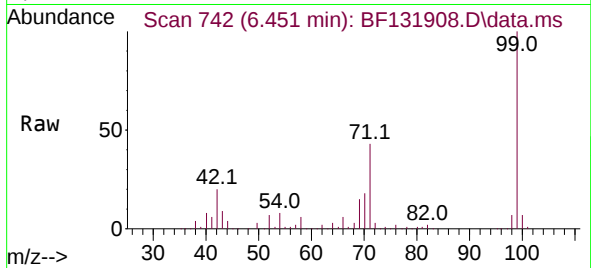




#7
Phenol-d6
Concen: 137.584 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

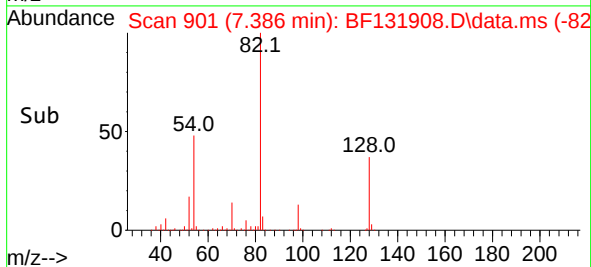
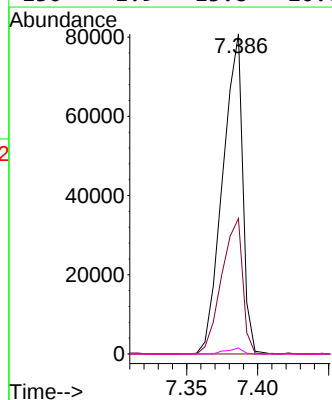
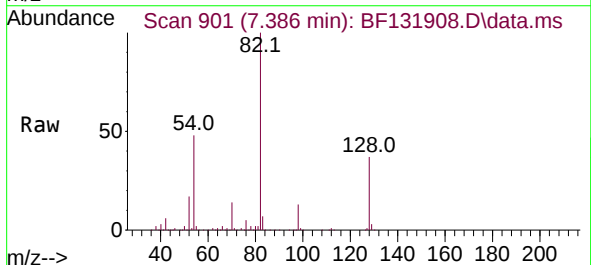
Instrument :
BNA_F
ClientSampleId :
TP-15

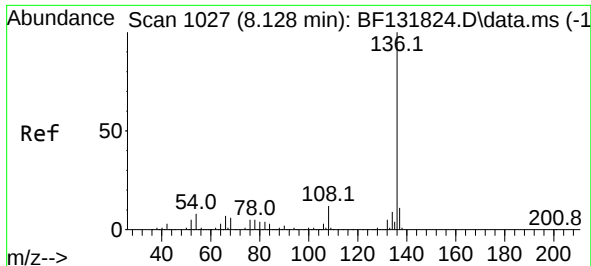
Tgt Ion: 99 Resp: 710955
Ion Ratio Lower Upper
99 100
42 19.5 15.3 22.9
71 43.2 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.681 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

Tgt Ion: 70 Resp: 79125
Ion Ratio Lower Upper
70 100
42 42.3 43.8 65.6#
101 0.0 7.4 11.0#
130 1.9 13.8 20.6#



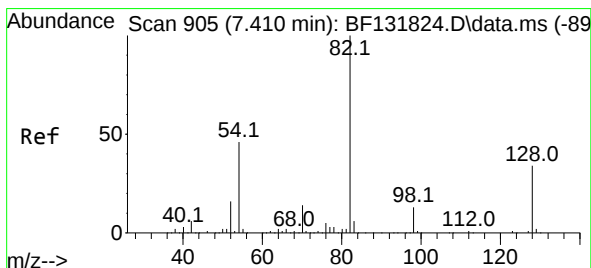
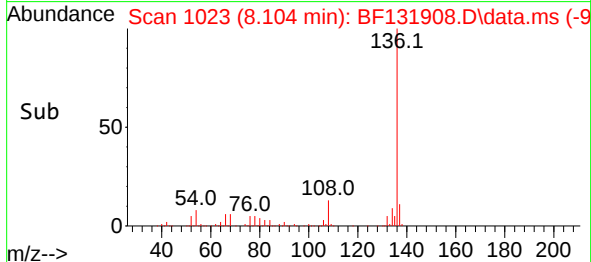
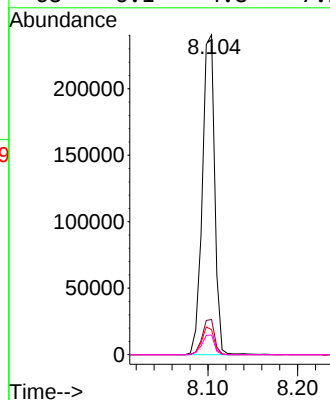
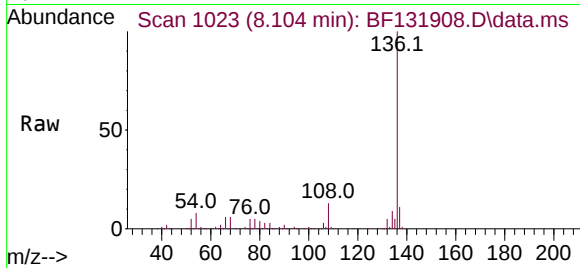


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:136 Resp: 229942

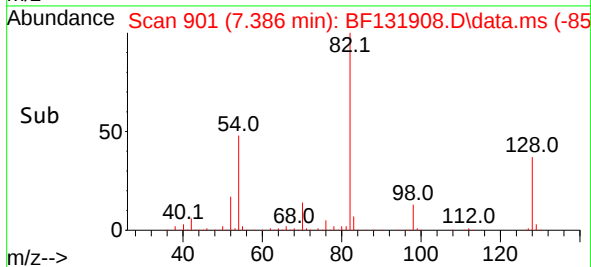
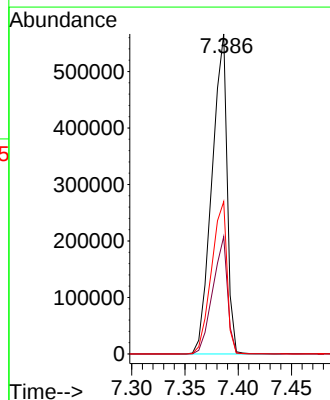
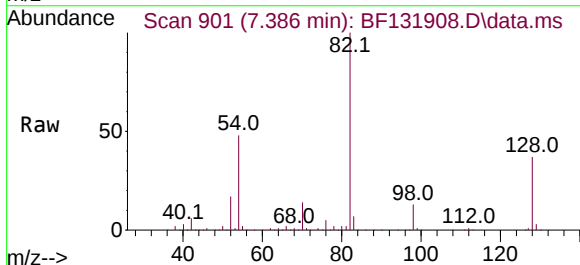
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.8	6.7	10.1
68	6.1	4.8	7.2

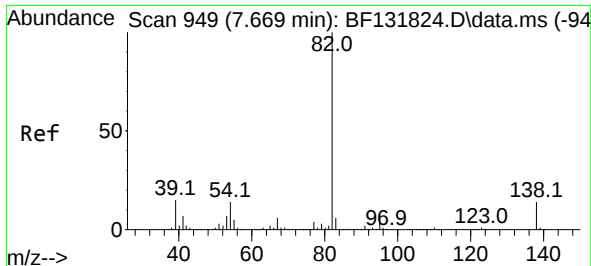


#23
Nitrobenzene-d5
Concen: 97.491 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

Tgt Ion: 82 Resp: 561478

Ion	Ratio	Lower	Upper
82	100		
128	36.7	27.1	40.7
54	47.6	37.0	55.6

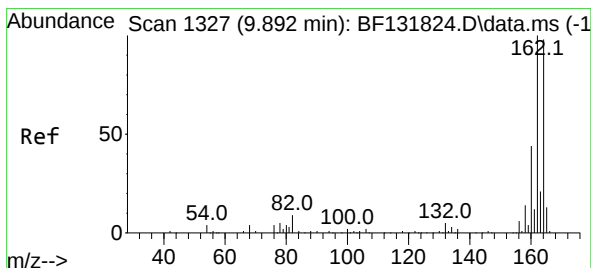
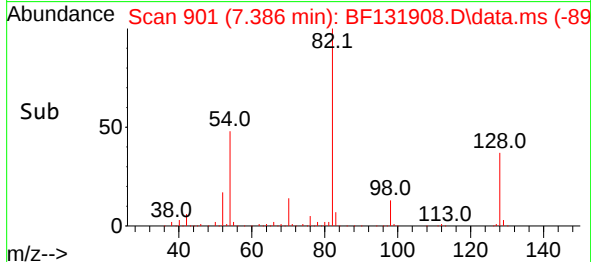
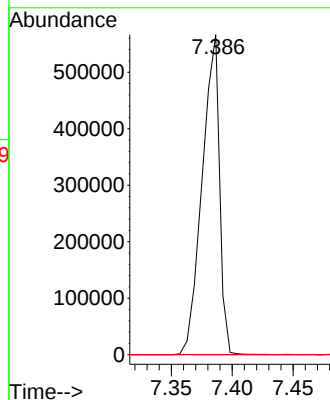
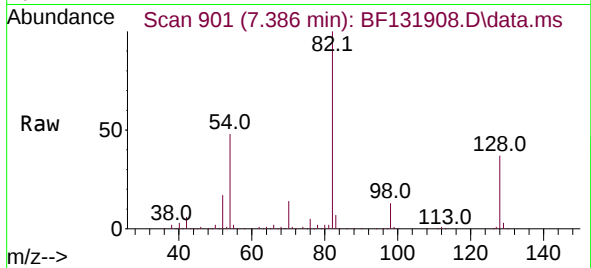




#25
Isophorone
Concen: 59.501 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

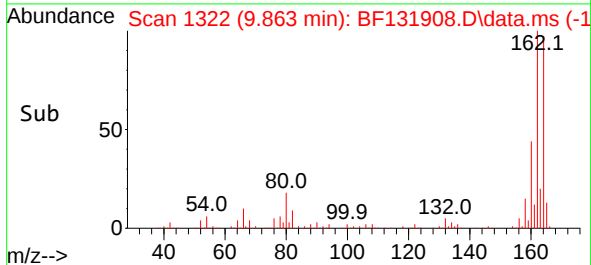
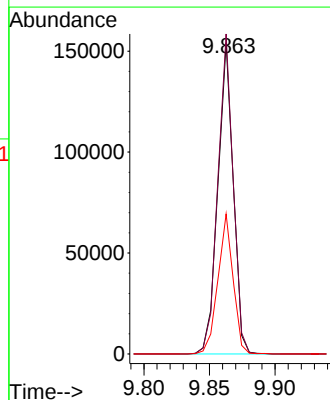
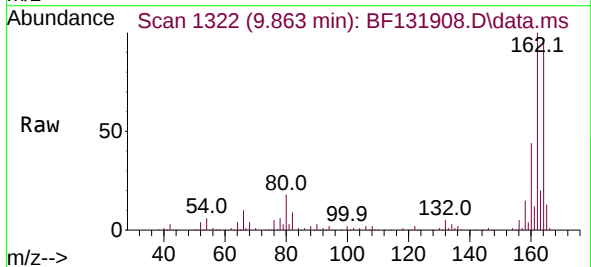
Instrument :
BNA_F
ClientSampleId :
TP-15

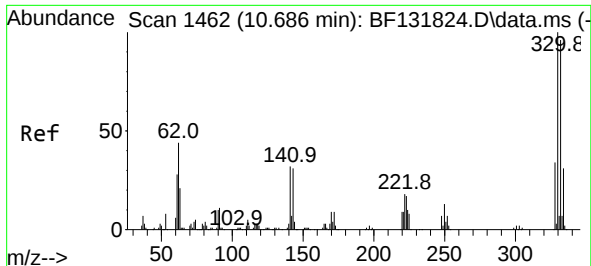
Tgt Ion: 82 Resp: 559623
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

Tgt Ion: 164 Resp: 125861
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 45.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 154.039 ng

RT: 10.657 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15

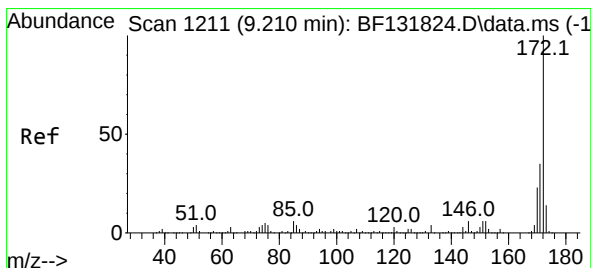
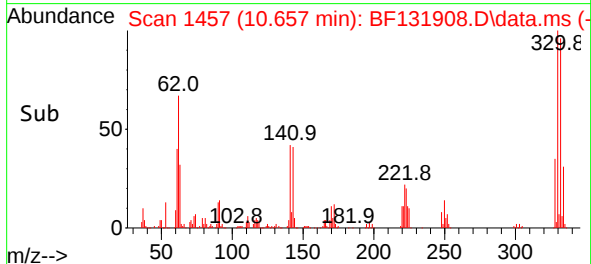
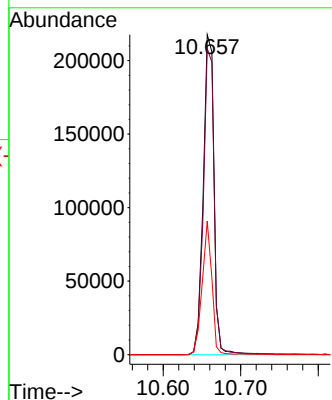
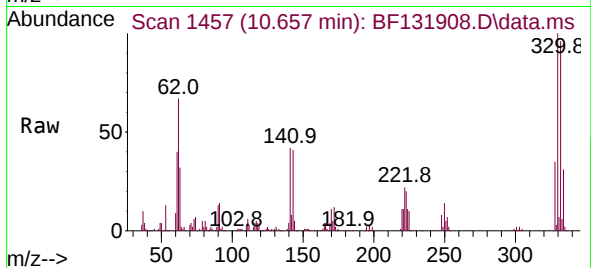
Tgt Ion:330 Resp: 210646

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

141 37.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 105.327 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

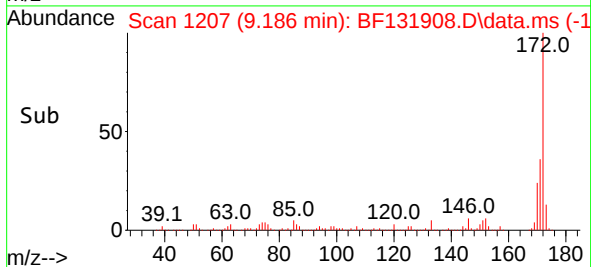
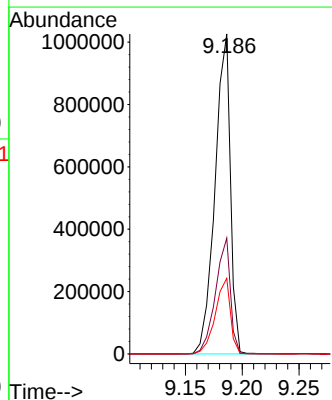
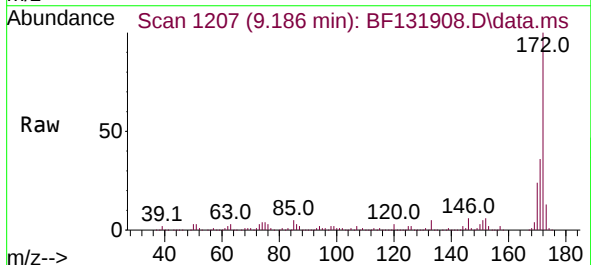
Tgt Ion:172 Resp: 967823

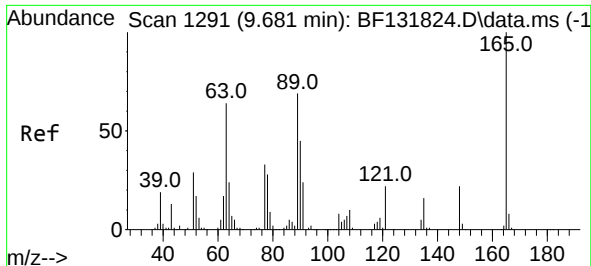
Ion Ratio Lower Upper

172 100

171 36.2 27.9 41.9

170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.864 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15

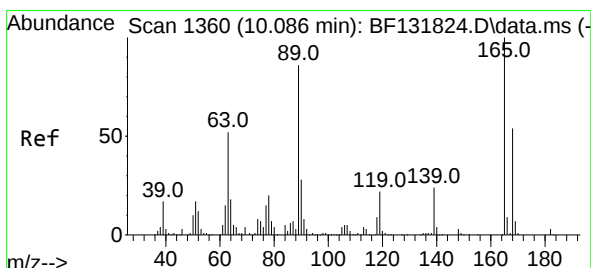
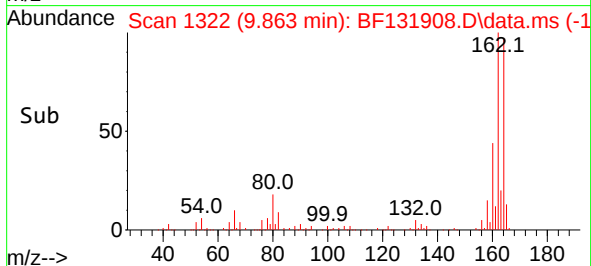
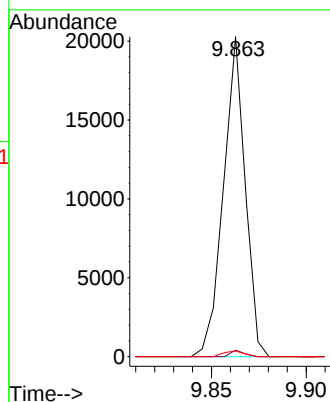
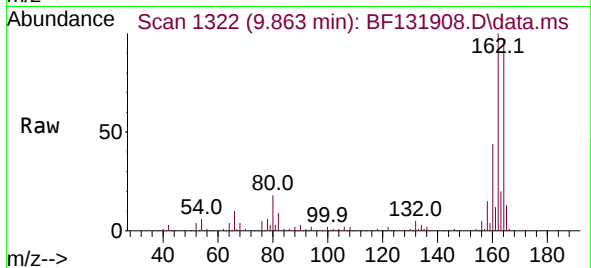
Tgt Ion:165 Resp: 16209

Ion Ratio Lower Upper

165 100

63 2.1 55.1 82.7#

89 1.8 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.750 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

Tgt Ion:165 Resp: 16209

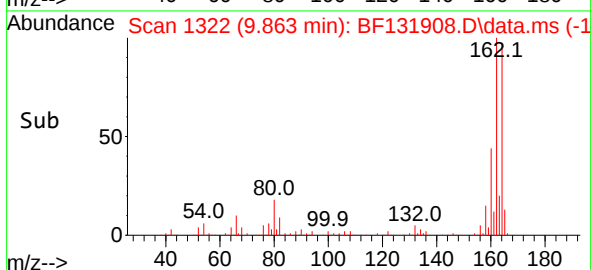
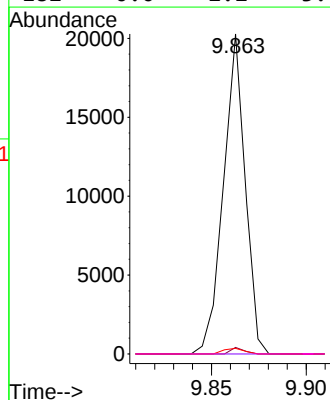
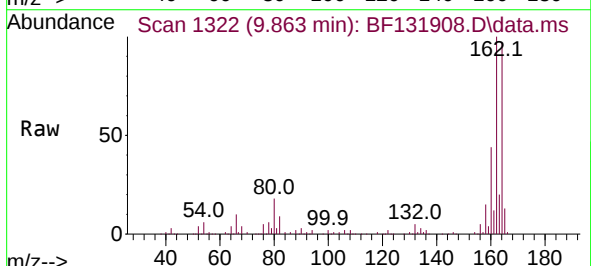
Ion Ratio Lower Upper

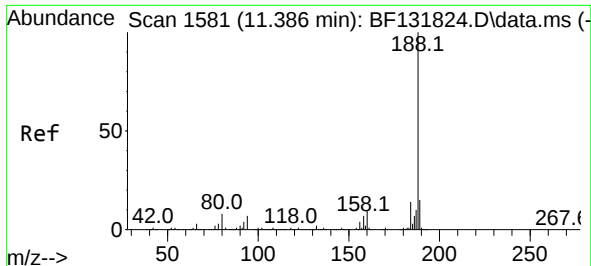
165 100

63 2.1 42.1 63.1#

89 1.8 69.1 103.7#

182 0.0 2.2 3.4#

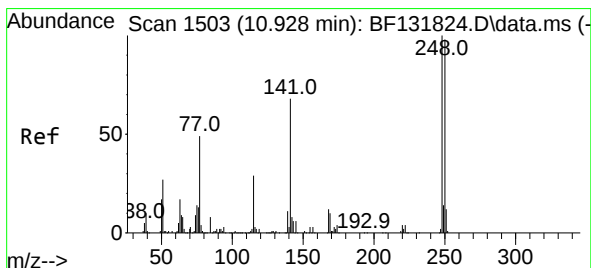
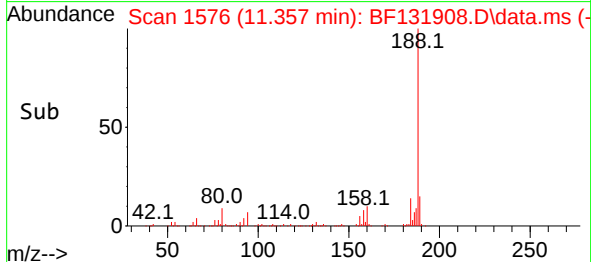
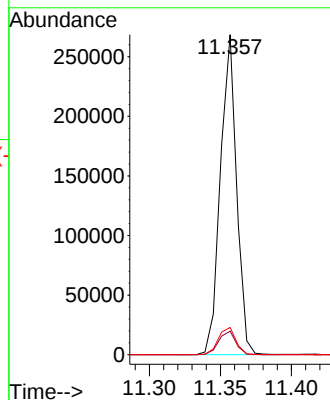
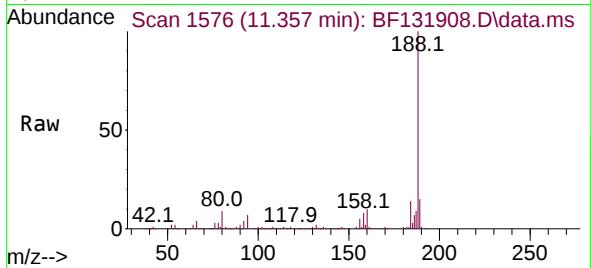




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

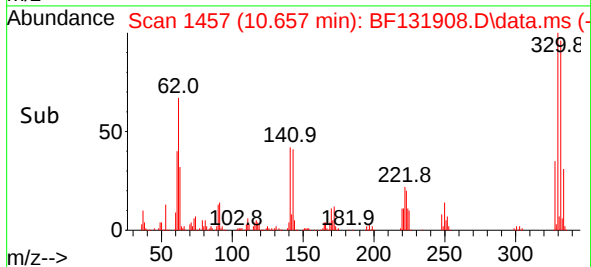
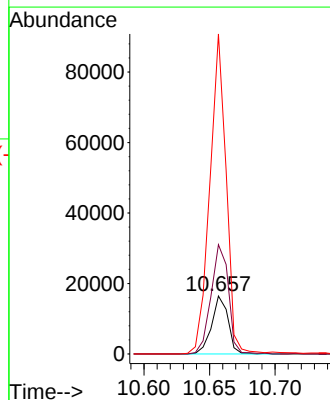
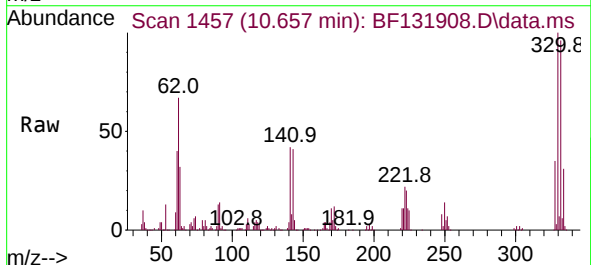
Instrument :
BNA_F
ClientSampleId :
TP-15

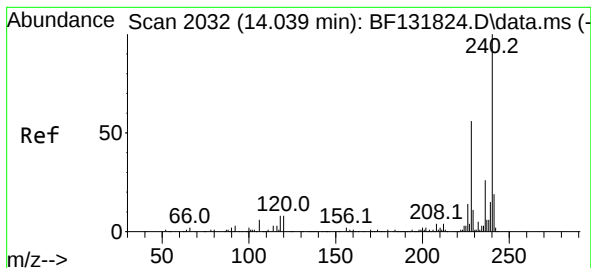
Tgt Ion:188 Resp: 212567
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.5 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 5.812 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF131908.D
Acq: 04 Jan 2023 20:15

Tgt Ion:248 Resp: 14320
Ion Ratio Lower Upper
248 100
250 188.7 78.0 117.0#
141 552.4 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: BF131908.D

Acq: 04 Jan 2023 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15

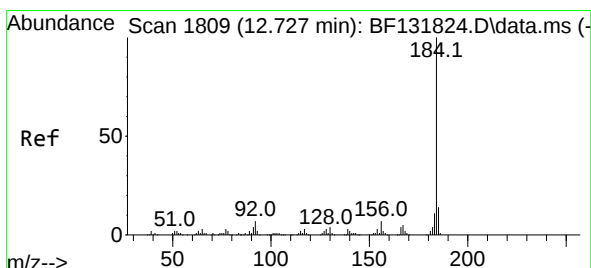
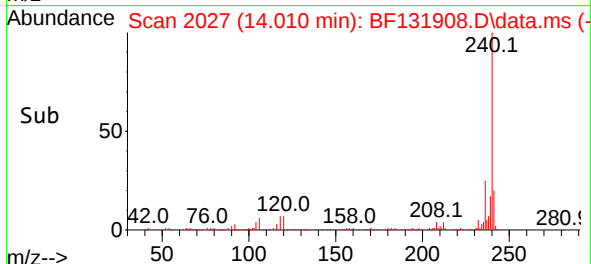
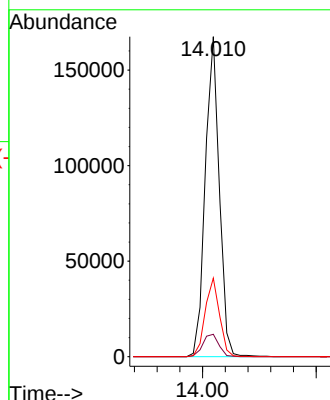
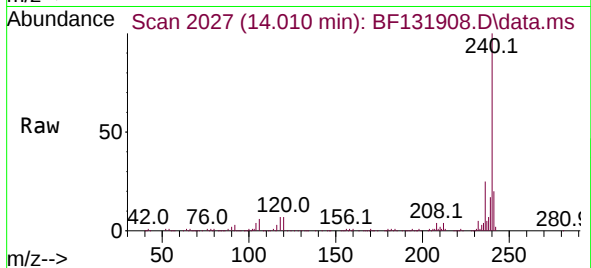
Tgt Ion:240 Resp: 143312

Ion Ratio Lower Upper

240 100

120 7.0 6.7 10.1

236 24.6 20.6 31.0



#77

Benzidine

Concen: 5.820 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF131908.D

Acq: 04 Jan 2023 20:15

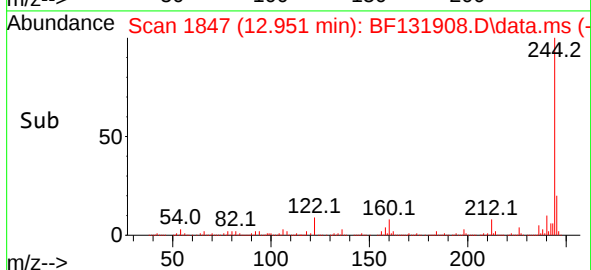
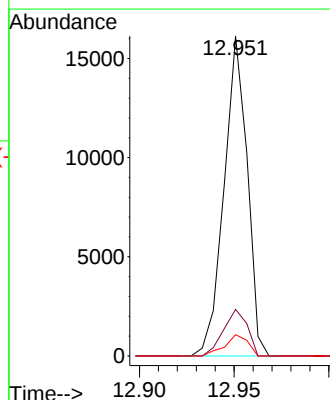
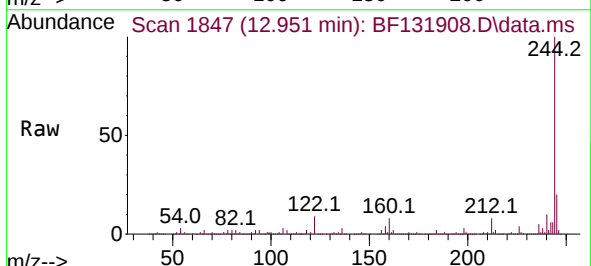
Tgt Ion:184 Resp: 13708

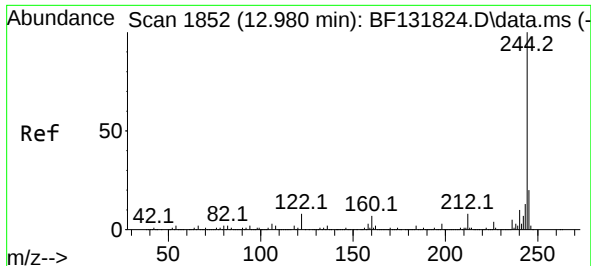
Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

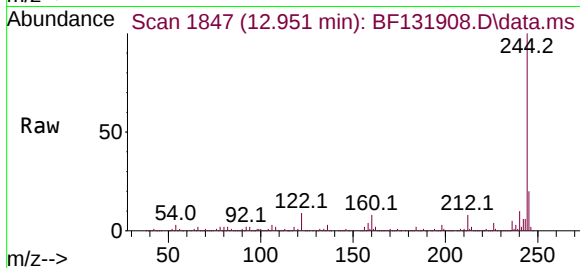
183 6.7 9.0 13.4#



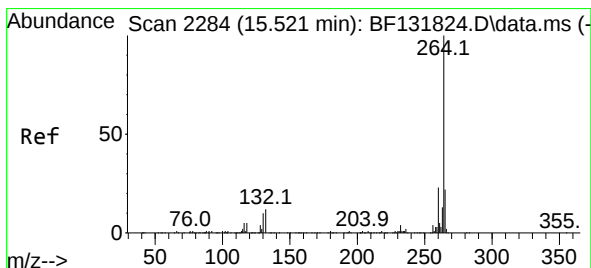
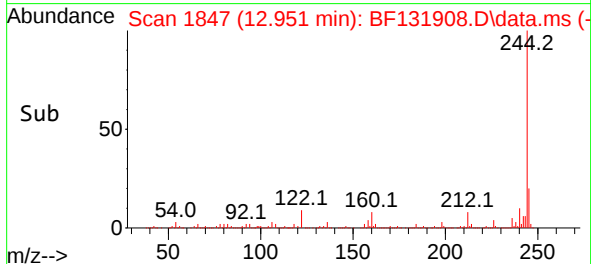
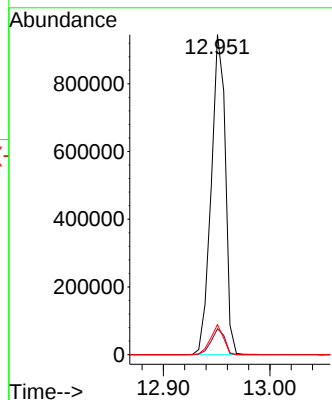


#79
 Terphenyl-d14
 Concen: 103.272 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131908.D
 Acq: 04 Jan 2023 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-15



Tgt Ion:244 Resp: 874963
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.4 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131908.D
 Acq: 04 Jan 2023 20:15

Tgt Ion:264 Resp: 161211
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.8 17.4 26.0

