

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131909.D
 Acq On : 04 Jan 2023 20:49
 Operator : CG\JU
 Sample : N6248-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20

Quant Time: Jan 05 05:46:07 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)

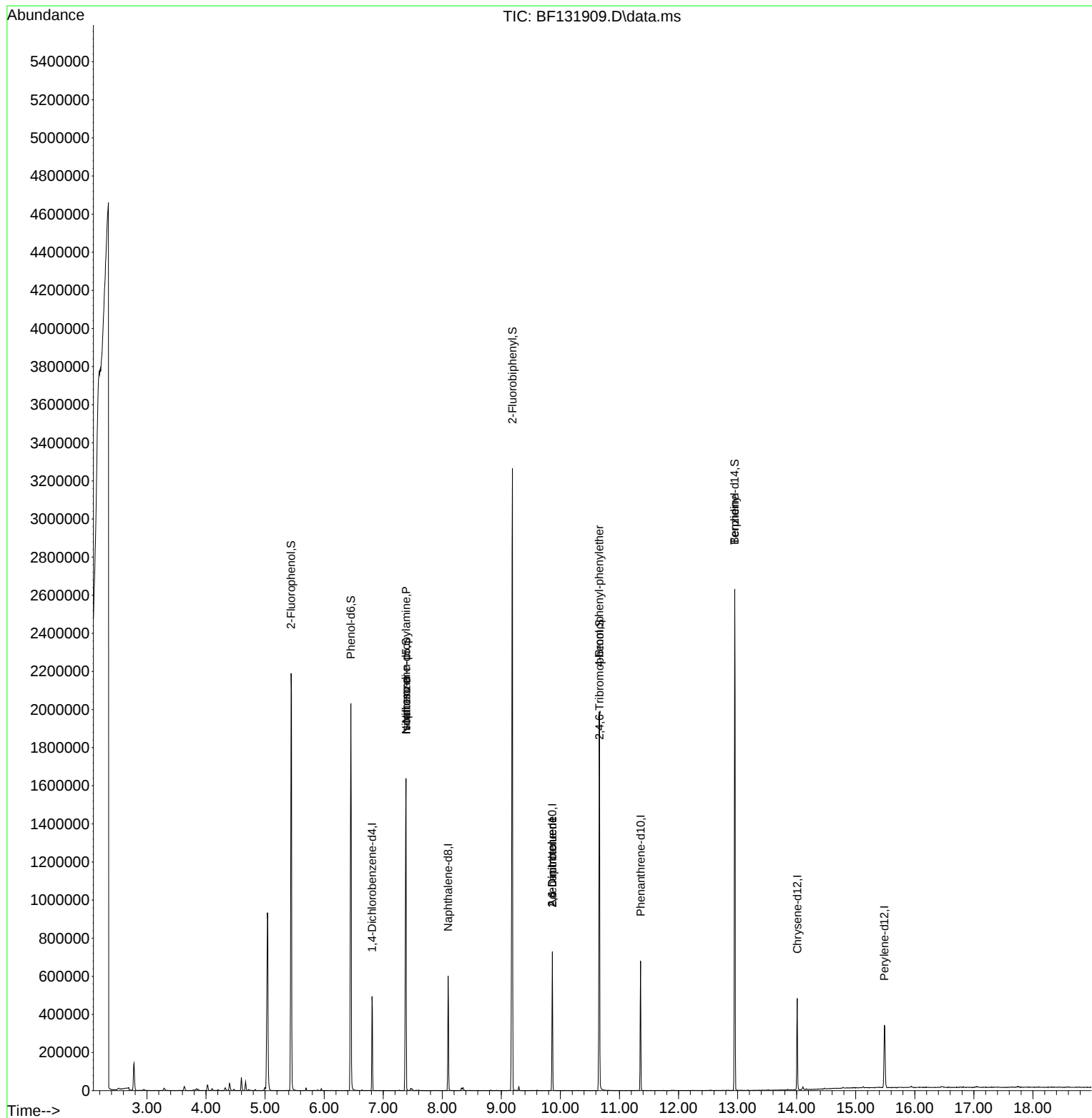
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	66375	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	238675	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	132649	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	223121	20.000	ng	0.00
76) Chrysene-d12	14.010	240	145433	20.000	ng	0.00
86) Perylene-d12	15.486	264	163100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	616614	153.953	ng	0.02
7) Phenol-d6	6.451	99	724878	137.755	ng	0.00
23) Nitrobenzene-d5	7.387	82	584019	97.695	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	222894	154.655	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1023797	105.717	ng	0.00
79) Terphenyl-d14	12.951	244	920900	107.109	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	82323	22.152	ng	Qvalue # 79
25) Isophorone	7.387	82	584121	59.833	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	16263	7.486	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	16263	5.474	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	15152	5.859	ng	# 1
77) Benzidine	12.951	184	13804	5.776	ng	# 90

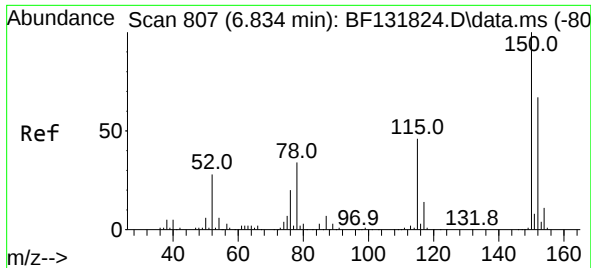
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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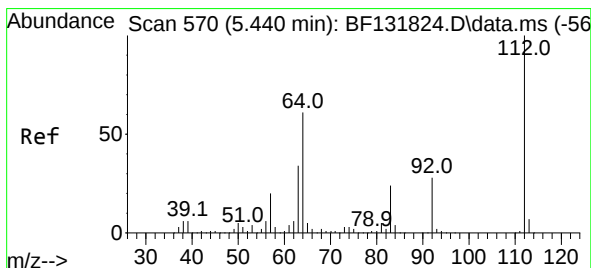
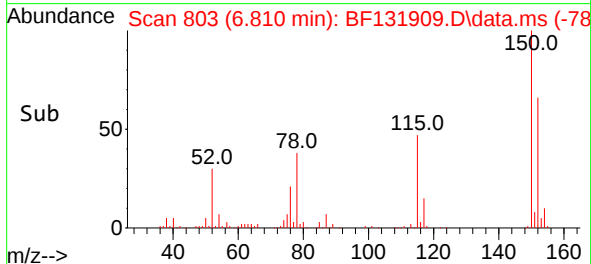
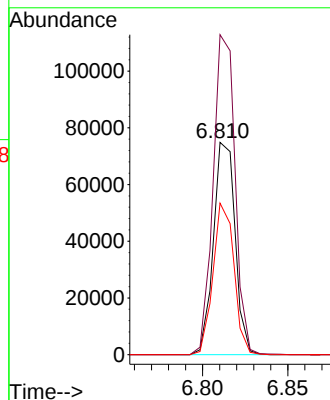
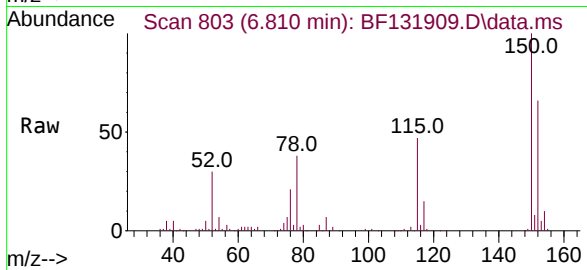




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

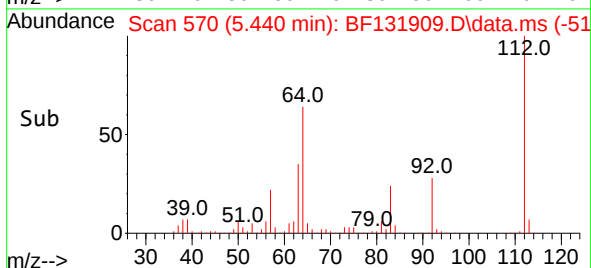
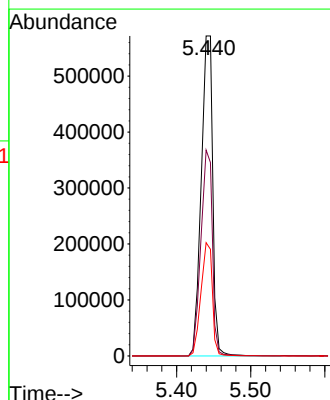
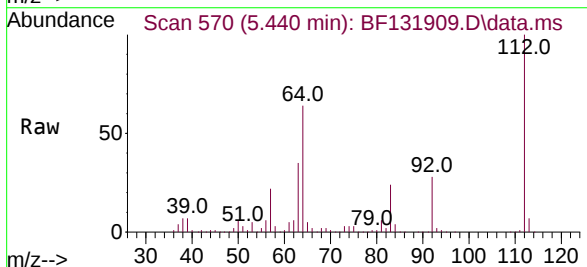
Instrument :
BNA_F
ClientSampleId :
TP-20

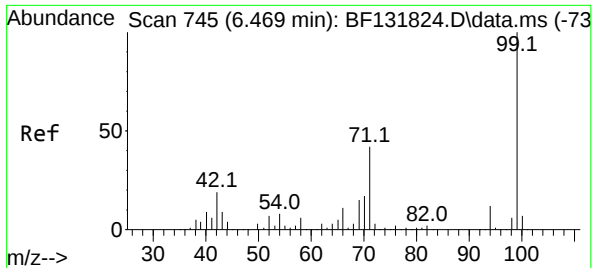
Tgt Ion:152 Resp: 66375
Ion Ratio Lower Upper
152 100
150 150.7 120.0 180.0
115 71.4 55.1 82.7



#5
2-Fluorophenol
Concen: 153.953 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion:112 Resp: 616614
Ion Ratio Lower Upper
112 100
64 64.4 49.2 73.8
63 35.4 27.5 41.3

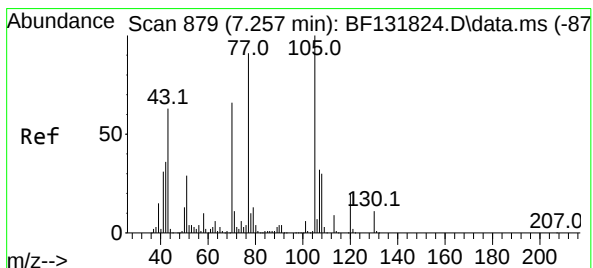
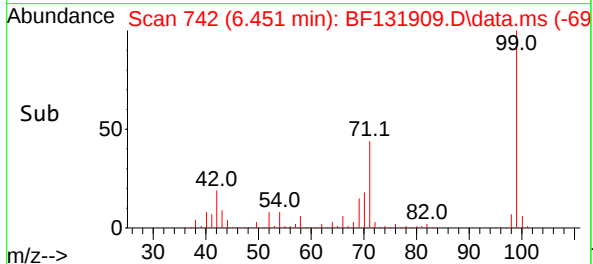
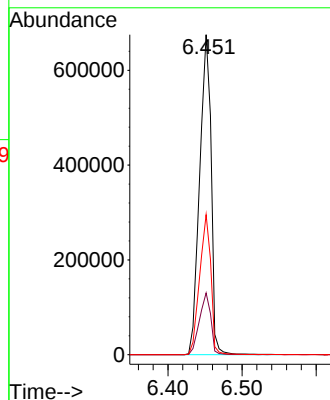
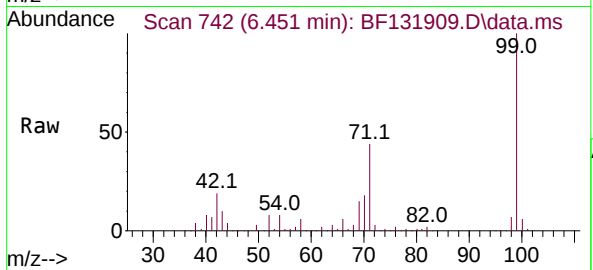




#7
Phenol-d6
Concen: 137.755 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

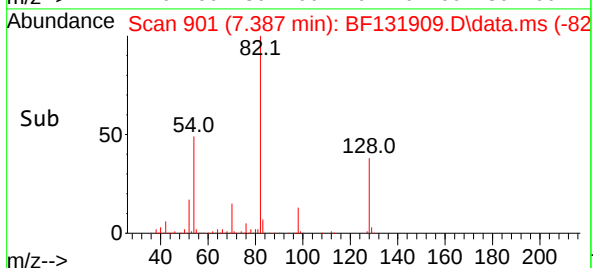
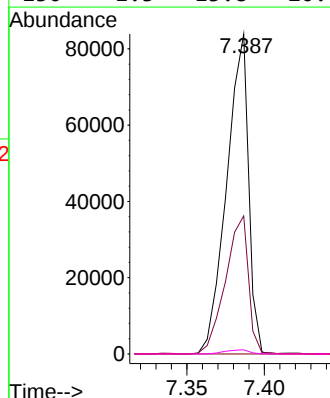
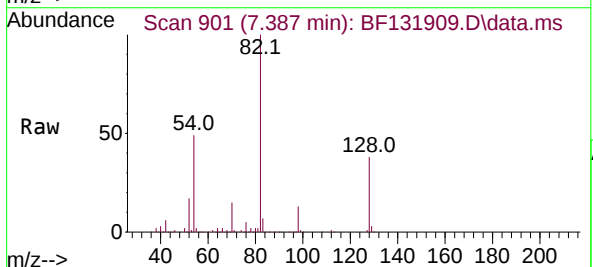
Instrument :
BNA_F
ClientSampleId :
TP-20

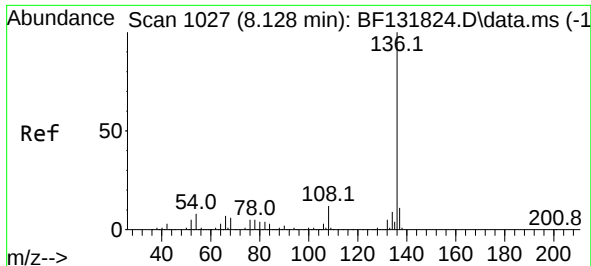
Tgt Ion: 99 Resp: 724878
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 43.7 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.152 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion: 70 Resp: 82323
Ion Ratio Lower Upper
70 100
42 43.1 43.8 65.6#
101 0.0 7.4 11.0#
130 1.3 13.8 20.6#



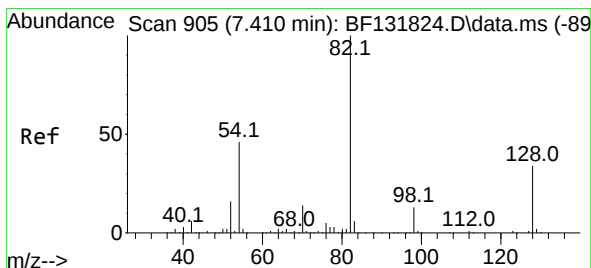
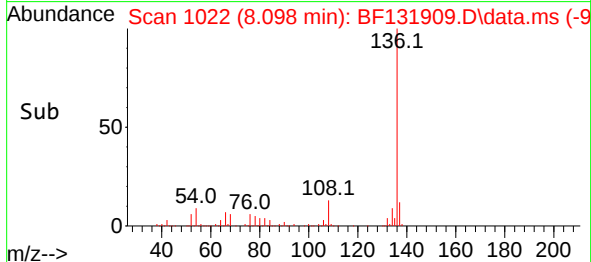
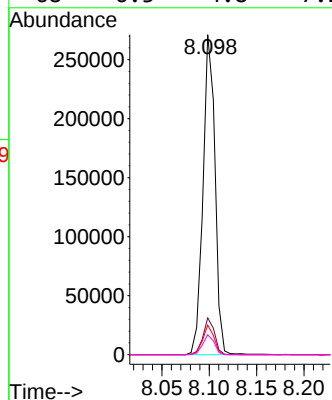
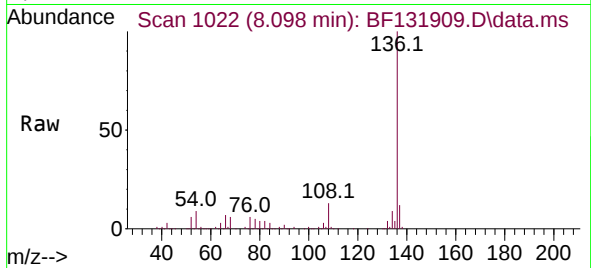


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Instrument :
BNA_F
ClientSampleId :
TP-20

Tgt Ion:136 Resp: 238675

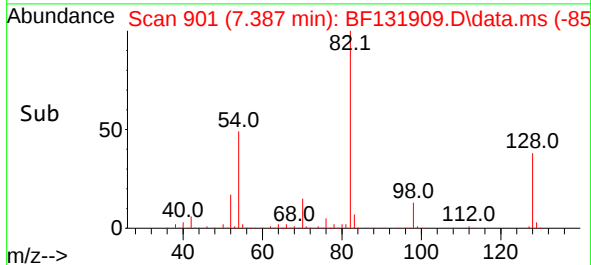
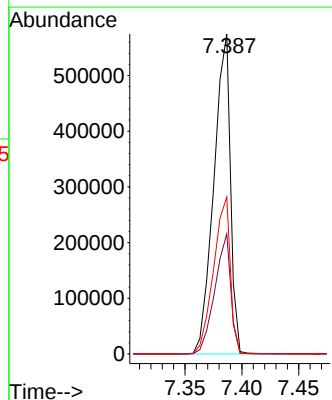
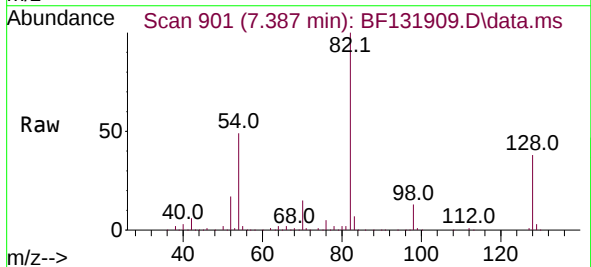
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	9.2	6.7	10.1
68	6.3	4.8	7.2

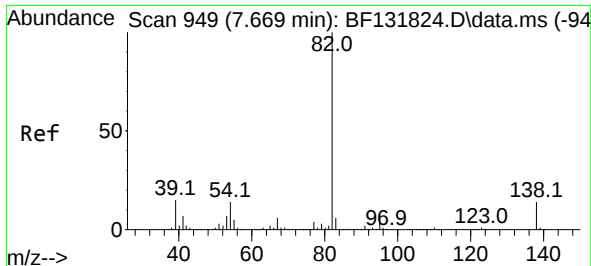


#23
Nitrobenzene-d5
Concen: 97.695 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion: 82 Resp: 584019

Ion	Ratio	Lower	Upper
82	100		
128	37.6	27.1	40.7
54	49.0	37.0	55.6

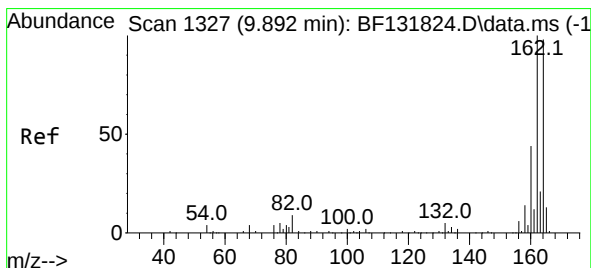
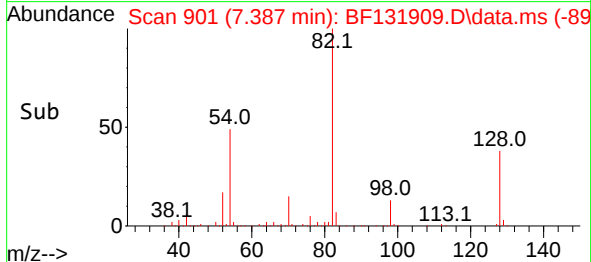
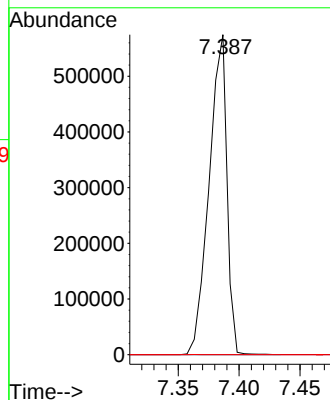
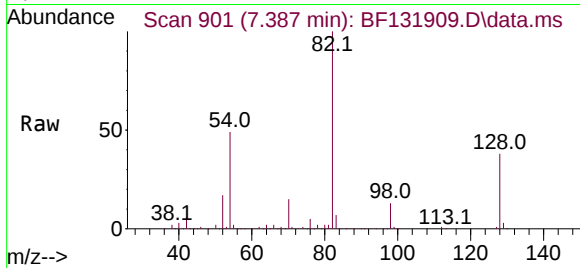




#25
Isophorone
Concen: 59.833 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

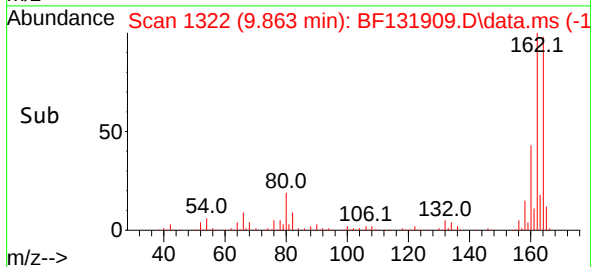
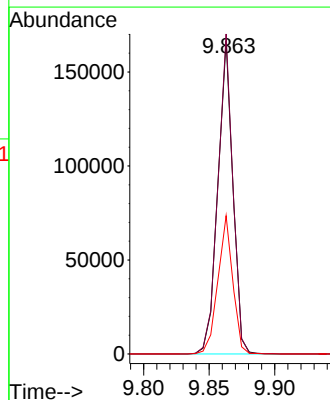
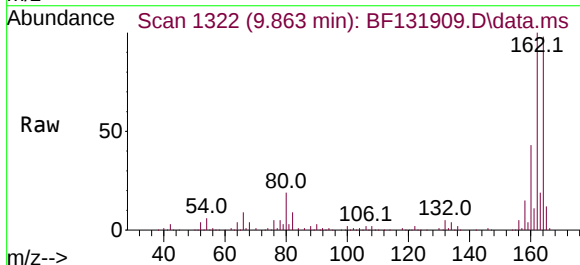
Instrument :
BNA_F
ClientSampleId :
TP-20

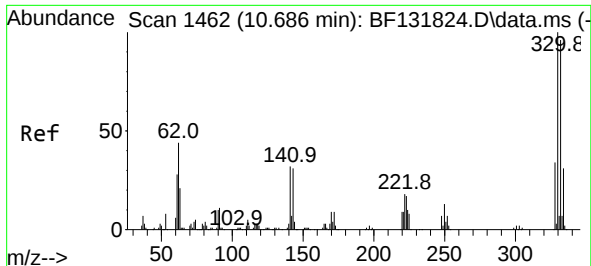
Tgt Ion: 82 Resp: 584121
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion: 164 Resp: 132649
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 154.655 ng

RT: 10.663 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

Instrument :

BNA_F

ClientSampleId :

TP-20

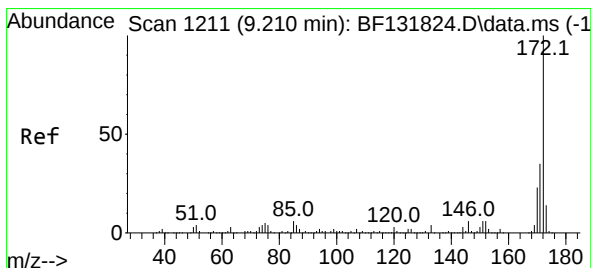
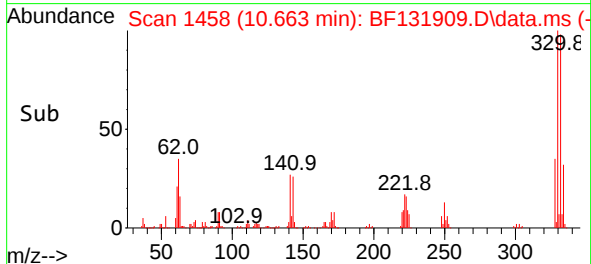
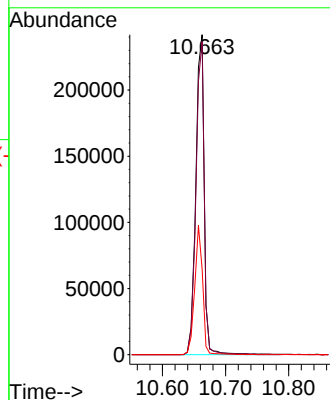
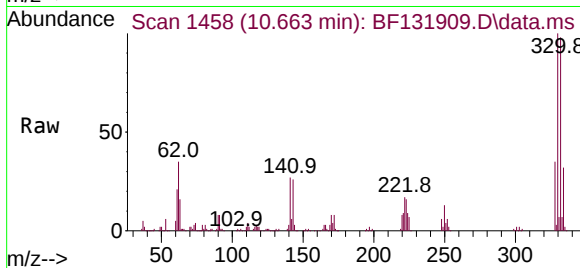
Tgt Ion:330 Resp: 222894

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 38.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 105.717 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

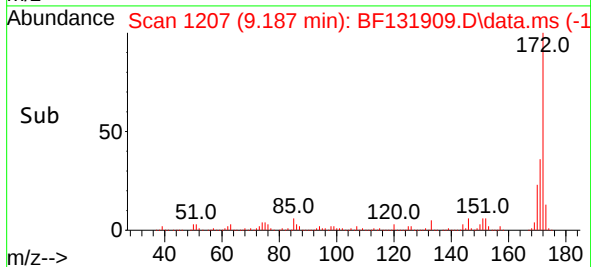
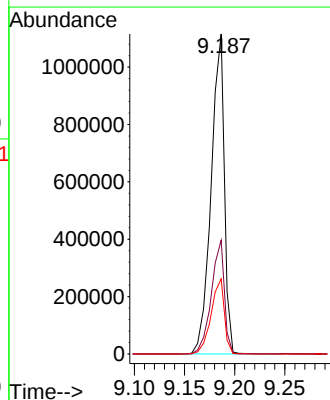
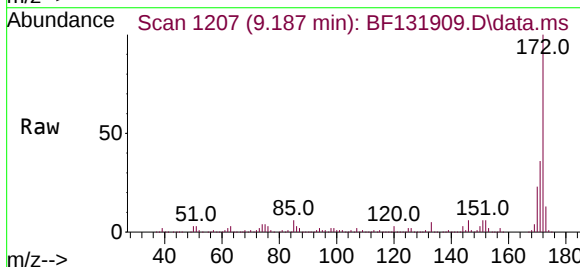
Tgt Ion:172 Resp: 1023797

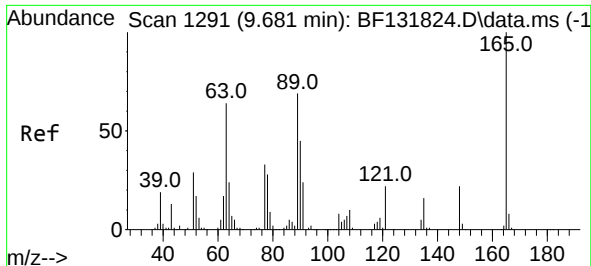
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.486 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

Instrument :

BNA_F

ClientSampleId :

TP-20

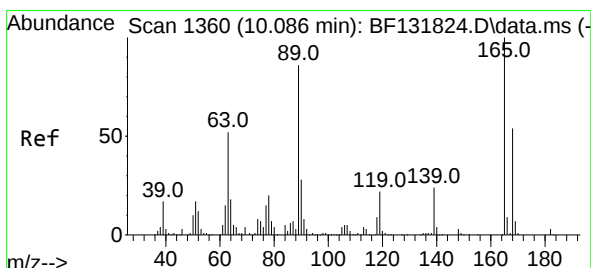
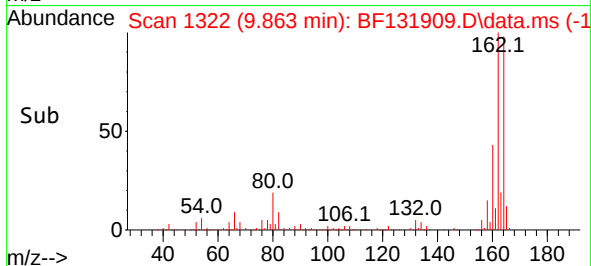
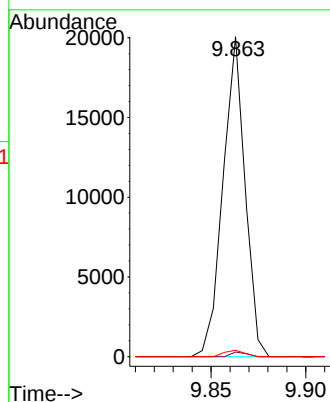
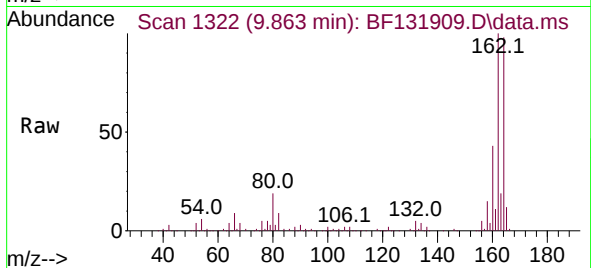
Tgt Ion:165 Resp: 16263

Ion Ratio Lower Upper

165 100

63 1.5 55.1 82.7#

89 2.0 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.474 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

Tgt Ion:165 Resp: 16263

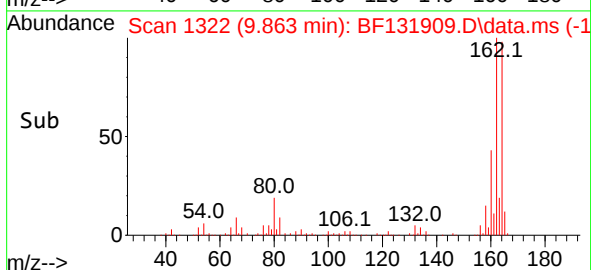
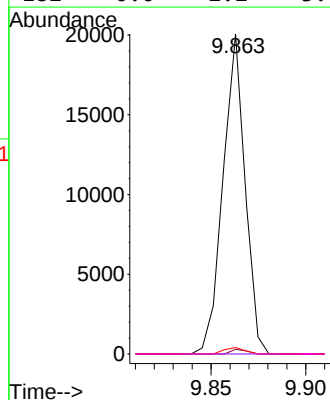
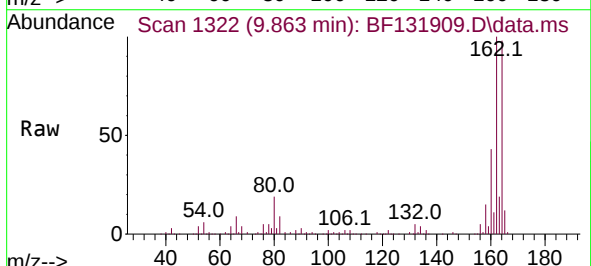
Ion Ratio Lower Upper

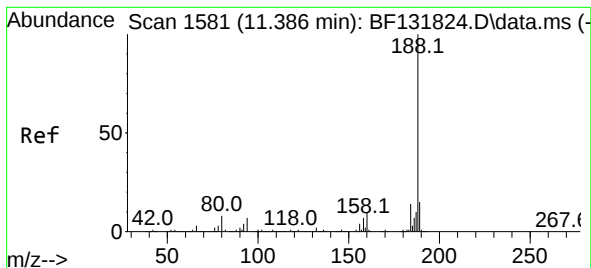
165 100

63 1.5 42.1 63.1#

89 2.0 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: BF131909.D

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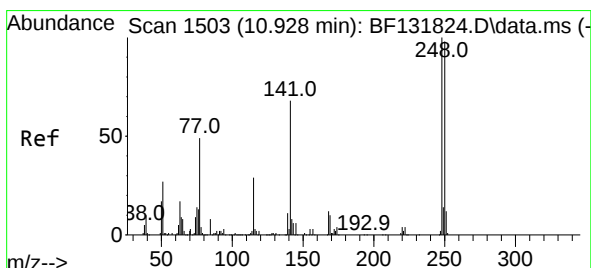
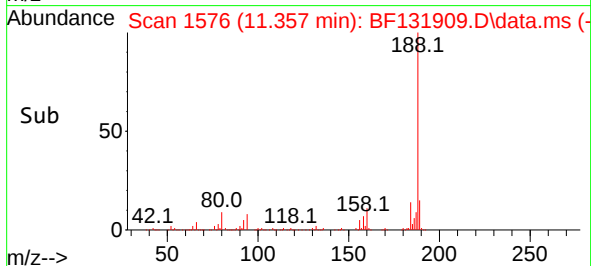
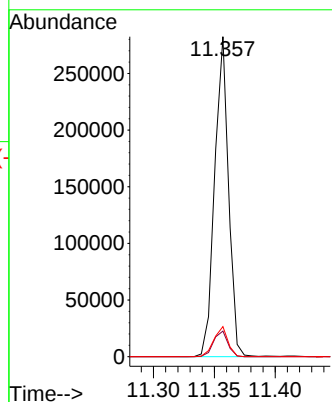
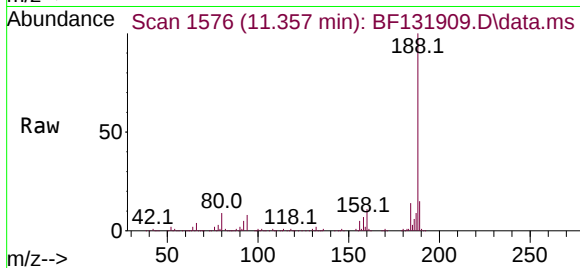
Tgt Ion:188 Resp: 223121

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 9.4 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 5.859 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

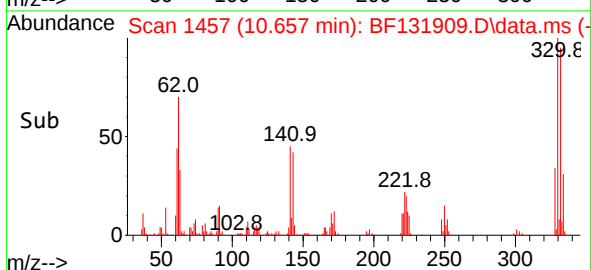
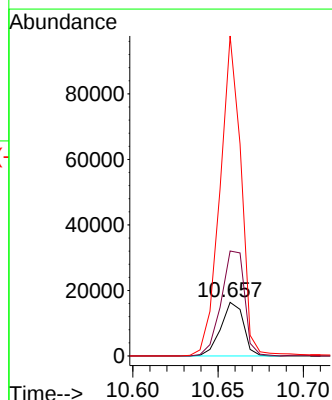
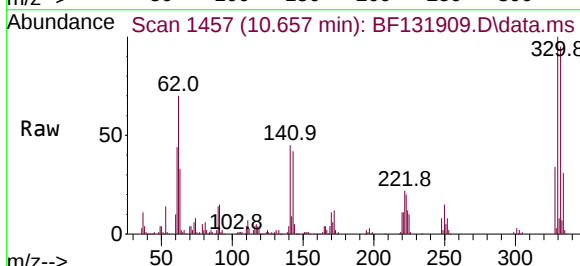
Tgt Ion:248 Resp: 15152

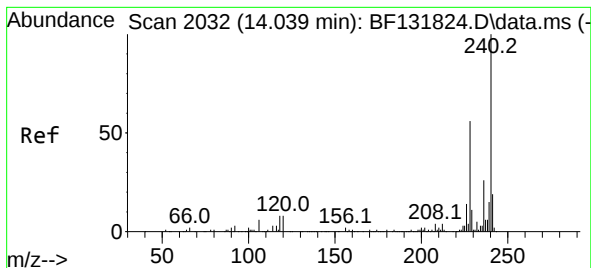
Ion Ratio Lower Upper

248 100

250 195.5 78.0 117.0#

141 596.2 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: BF131909.D

Acq: 04 Jan 2023 20:49

Instrument :

BNA_F

ClientSampleId :

TP-20

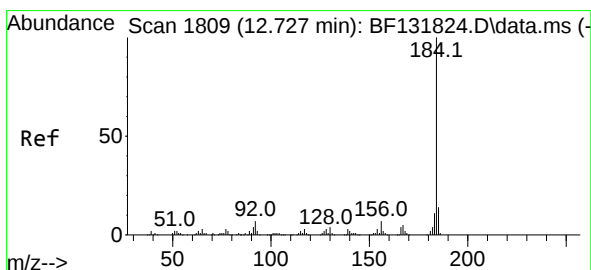
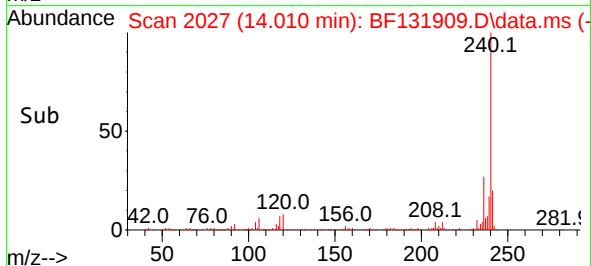
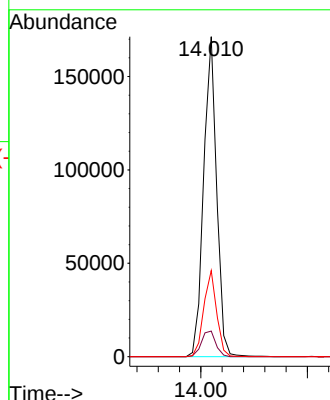
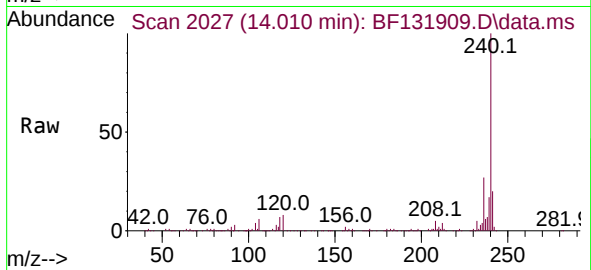
Tgt Ion:240 Resp: 145433

Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

236 26.9 20.6 31.0



#77

Benzidine

Concen: 5.776 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

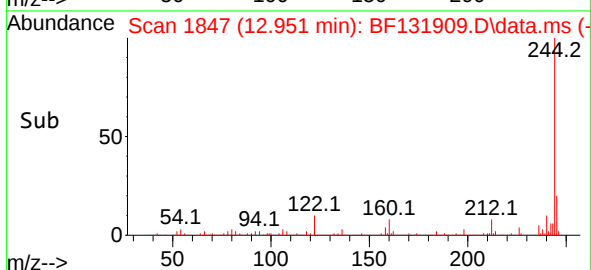
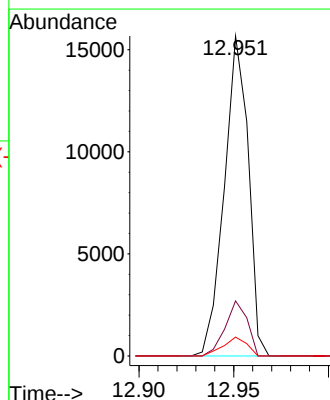
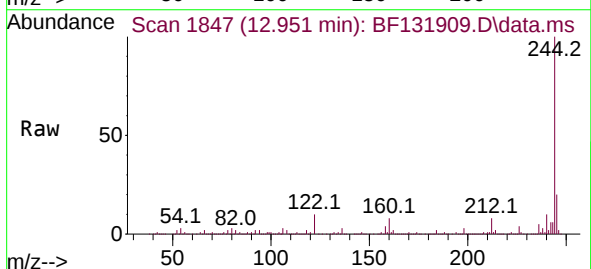
Tgt Ion:184 Resp: 13804

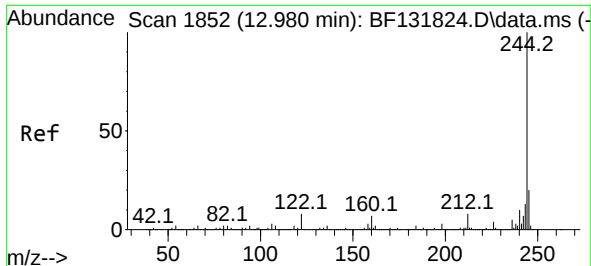
Ion Ratio Lower Upper

184 100

185 17.2 11.6 17.4

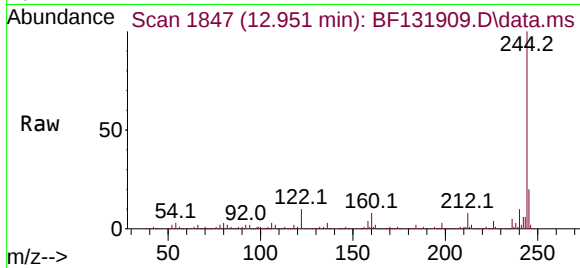
183 5.9 9.0 13.4#



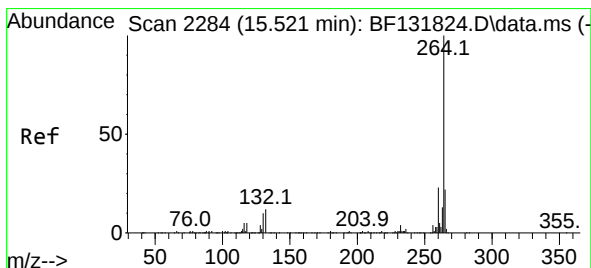
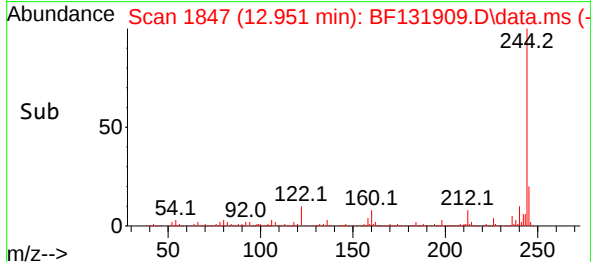
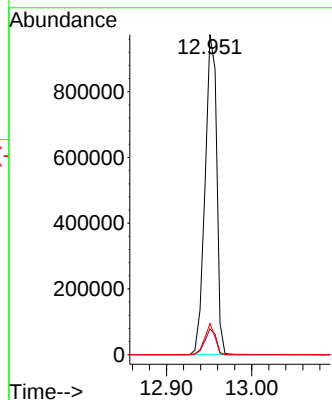


#79
 Terphenyl-d14
 Concen: 107.109 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131909.D
 Acq: 04 Jan 2023 20:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-20



Tgt Ion:244 Resp: 920900
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.7 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: BF131909.D
 Acq: 04 Jan 2023 20:49

Tgt Ion:264 Resp: 163100
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 20.5 17.4 26.0

