

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131946.D
 Acq On : 06 Jan 2023 17:57
 Operator : CG\JU
 Sample : 01027-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:23:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

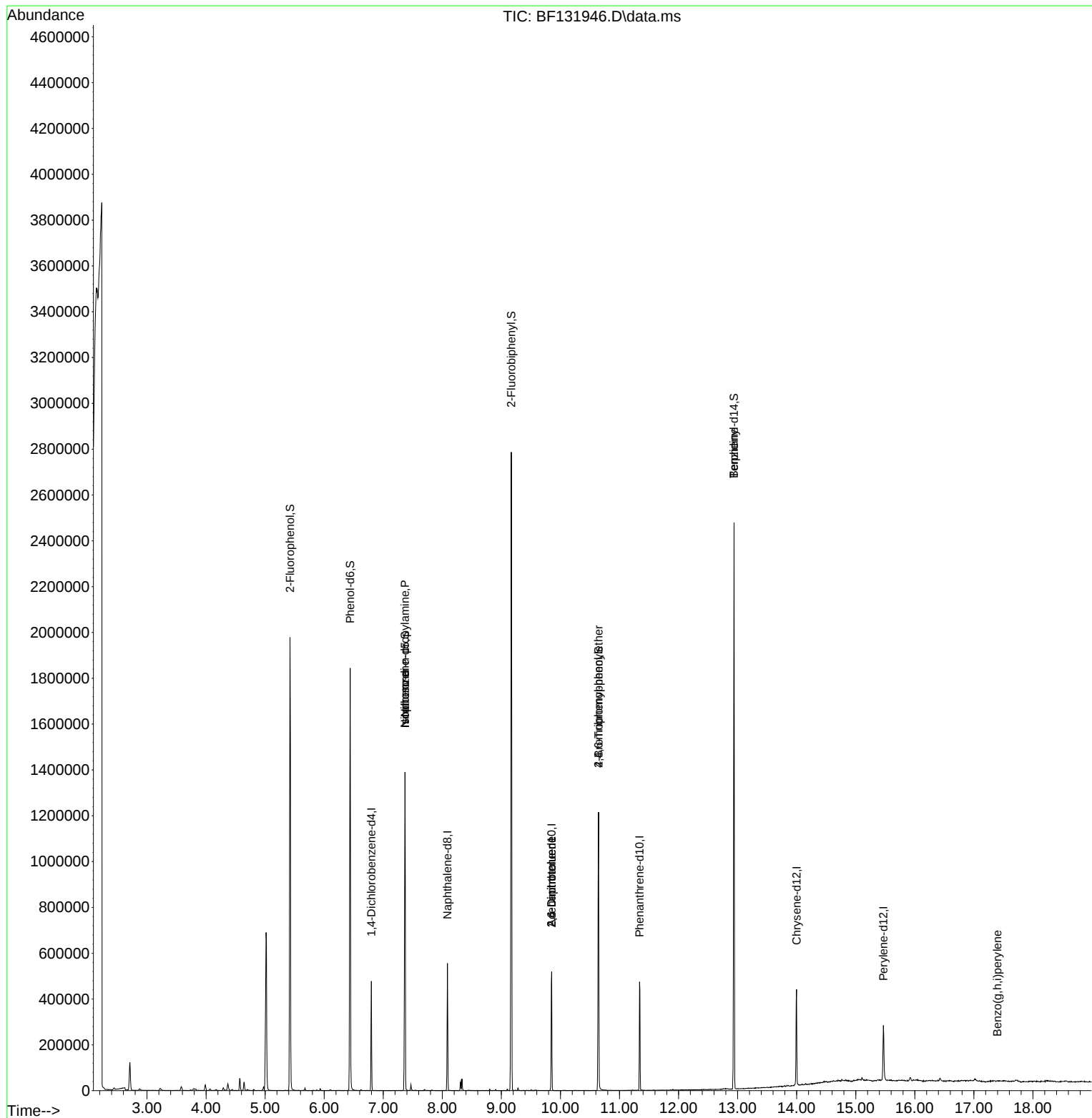
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	58011	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	203129	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	101771	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	166927	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	137775	20.000	ng	0.00
86) Perylene-d12	15.468	264	103774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	498028	142.273	ng	0.02
7) Phenol-d6	6.439	99	580262	126.171	ng	0.00
23) Nitrobenzene-d5	7.369	82	474159	93.197	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	123501	111.690	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	797550	107.342	ng	0.00
79) Terphenyl-d14	12.939	244	758462	93.119	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	67360	20.739	ng	# 77
25) Isophorone	7.369	82	474152	57.068	ng	# 69
51) 2,6-Dinitrotoluene	9.851	165	13366	8.019	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	13366	5.864	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	8669	4.481	ng	# 1
77) Benzidine	12.939	184	12331	5.446	ng	# 92
92) Benzo(g,h,i)perylene	17.398	276	997	5.386	ng	# 69

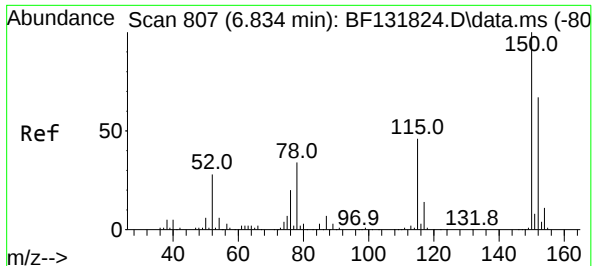
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131946.D
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Operator : CG\JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

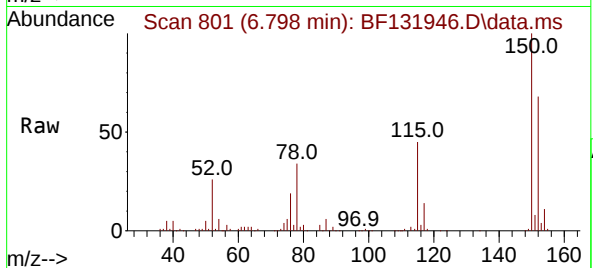
Quant Time: Jan 07 00:23:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration



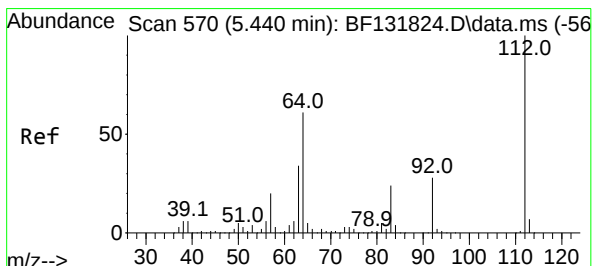
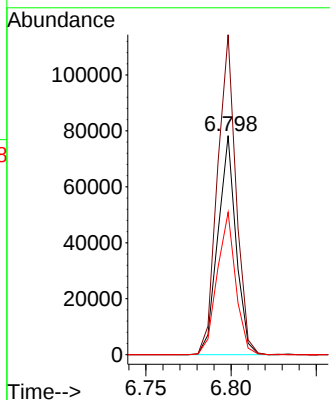
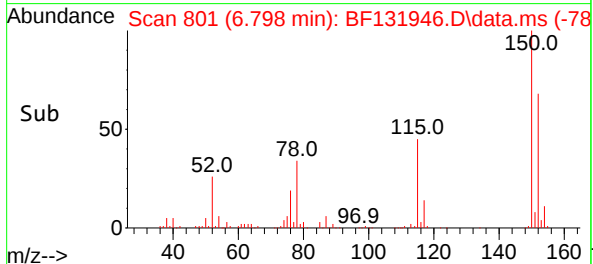


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF131946.D
 Acq: 06 Jan 2023 17:57

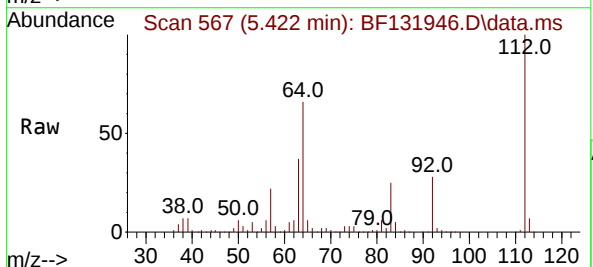
Instrument :
 BNA_F
 ClientSampleId :



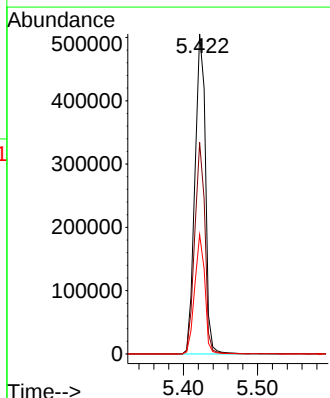
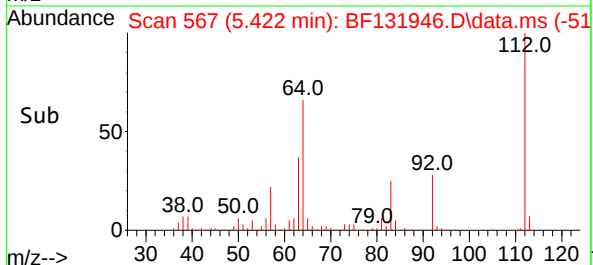
Tgt Ion:152 Resp: 58011
 Ion Ratio Lower Upper
 152 100
 150 146.1 120.0 180.0
 115 65.0 55.1 82.7

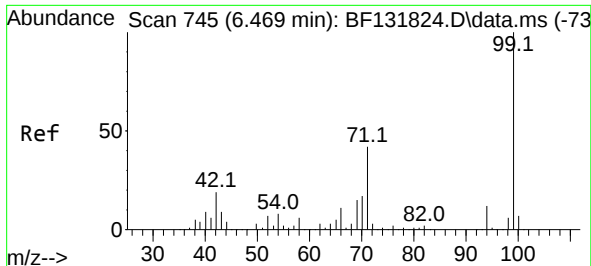


#5
 2-Fluorophenol
 Concen: 142.273 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.023 min
 Lab File: BF131946.D
 Acq: 06 Jan 2023 17:57



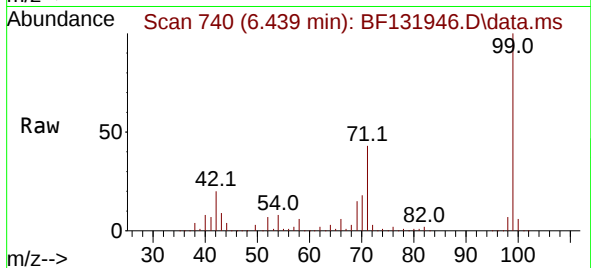
Tgt Ion:112 Resp: 498028
 Ion Ratio Lower Upper
 112 100
 64 66.1 49.2 73.8
 63 37.2 27.5 41.3



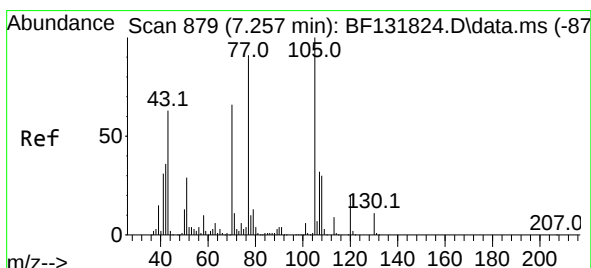
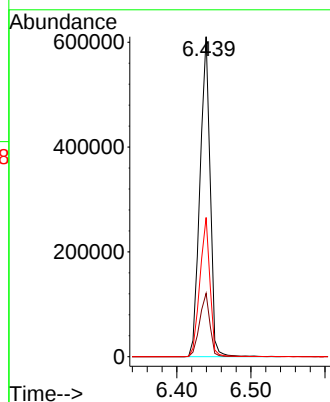
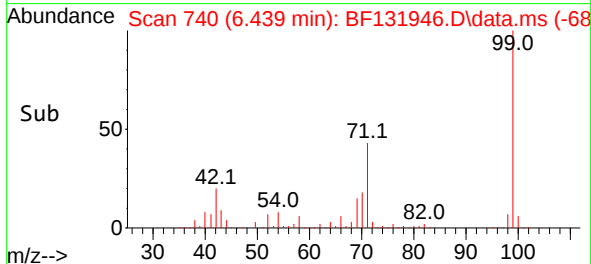


#7
Phenol-d6
Concen: 126.171 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

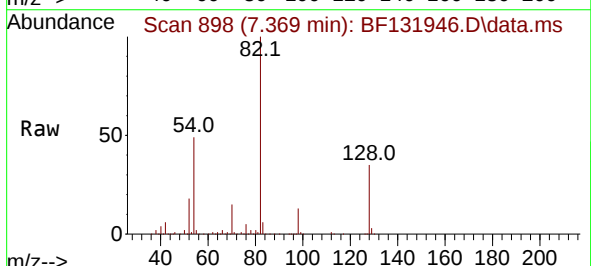
Instrument :
BNA_F
ClientSampleId :



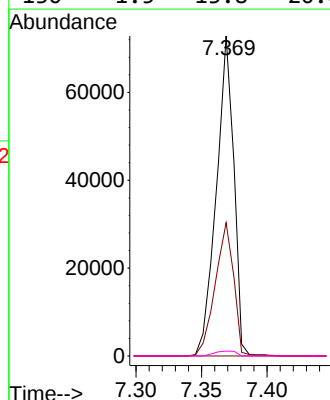
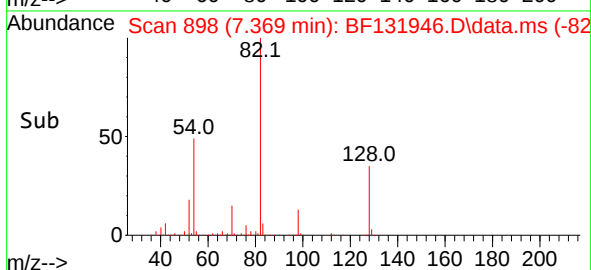
Tgt Ion: 99 Resp: 580262
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.5 33.5 50.3

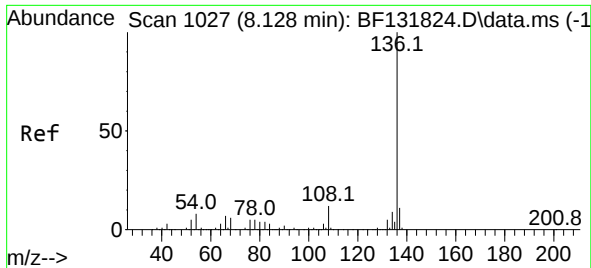


#19
n-Nitroso-di-n-propylamine
Concen: 20.739 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57



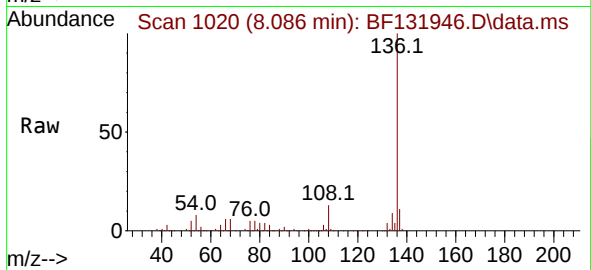
Tgt Ion: 70 Resp: 67360
Ion Ratio Lower Upper
70 100
42 41.7 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



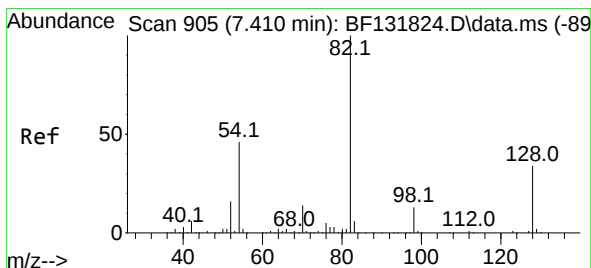
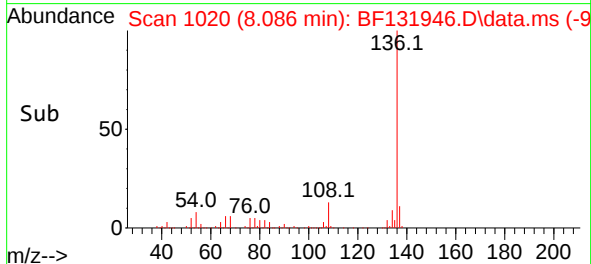
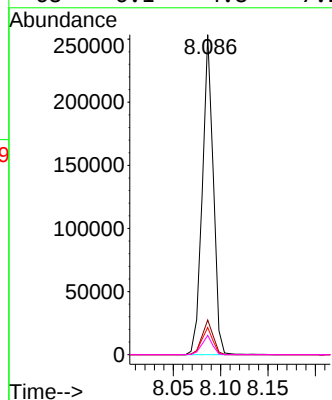


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Instrument :
BNA_F
ClientSampleId :

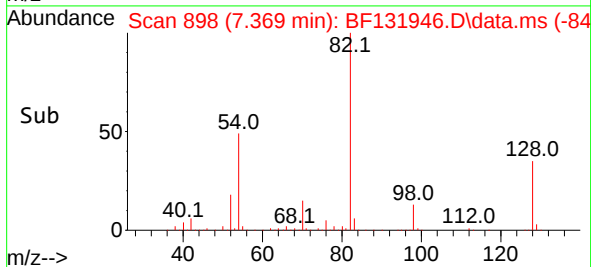
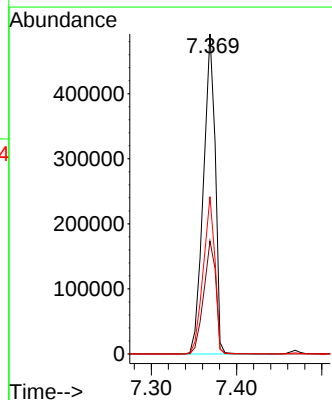
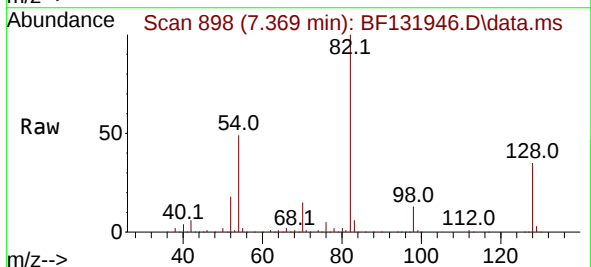


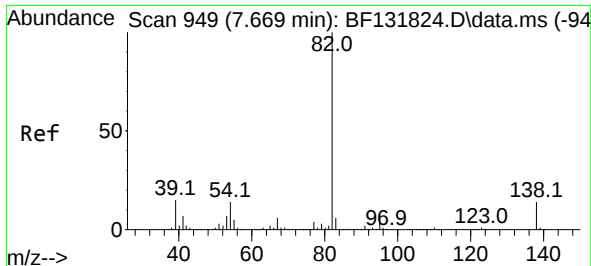
Tgt Ion:136 Resp: 203129
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.7 10.1
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 93.197 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

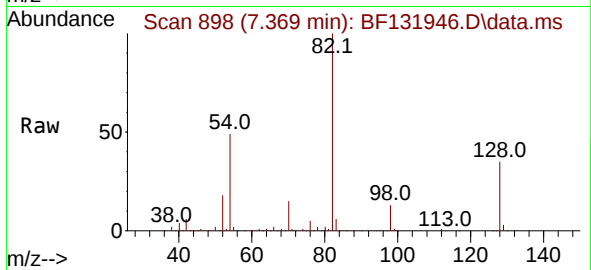
Tgt Ion: 82 Resp: 474159
Ion Ratio Lower Upper
82 100
128 35.3 27.1 40.7
54 49.1 37.0 55.6



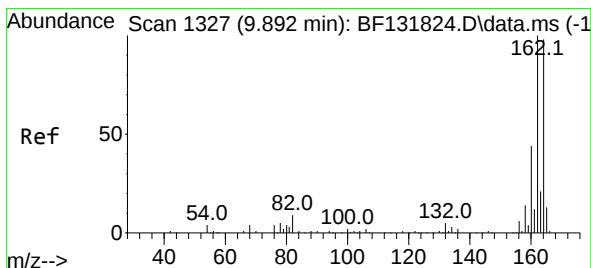
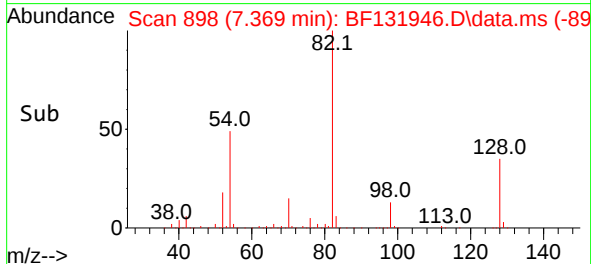
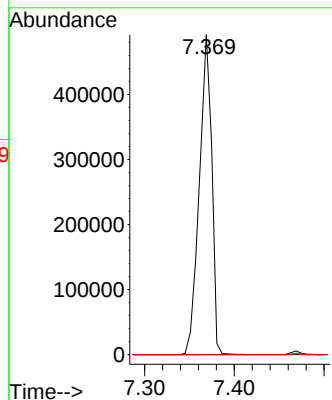


#25
Isophorone
Concen: 57.068 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Instrument :
BNA_F
ClientSampleId :

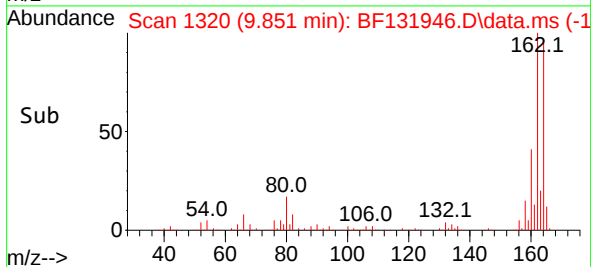
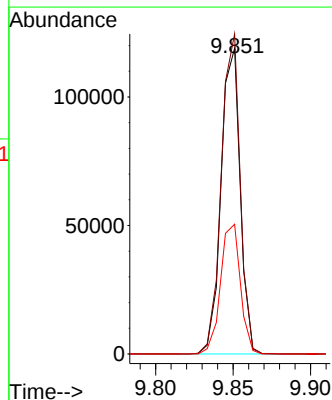
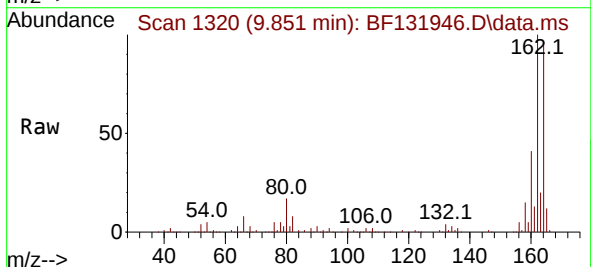


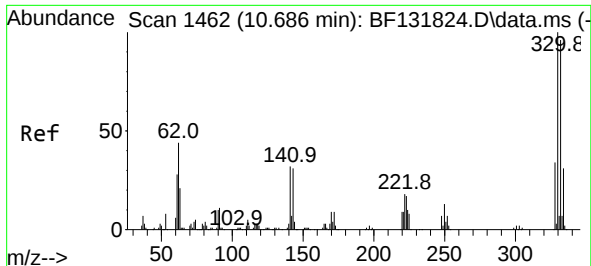
Tgt Ion: 82 Resp: 474152
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF131946.D
Acq: 06 Jan 2023 17:57

Tgt Ion:164 Resp: 101771
Ion Ratio Lower Upper
164 100
162 104.7 81.8 122.6
160 42.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 111.690 ng

RT: 10.645 min Scan# 1462

Delta R.T. -0.000 min

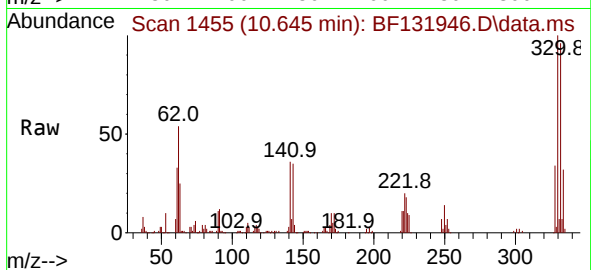
Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :



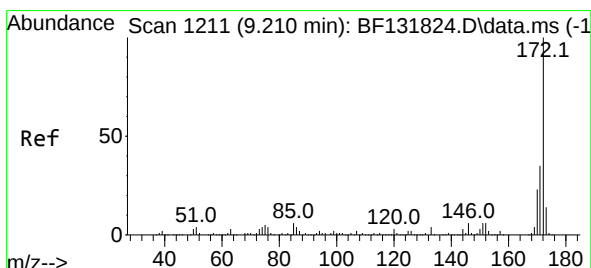
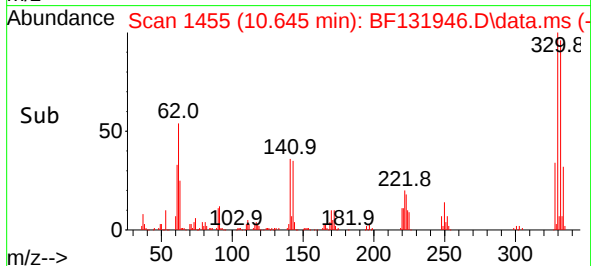
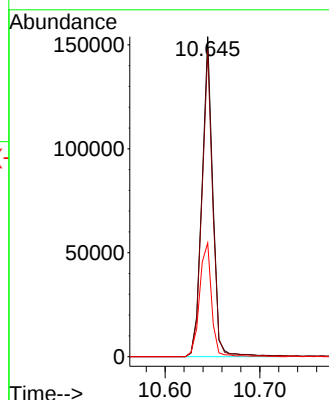
Tgt Ion:330 Resp: 123501

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 39.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 107.342 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

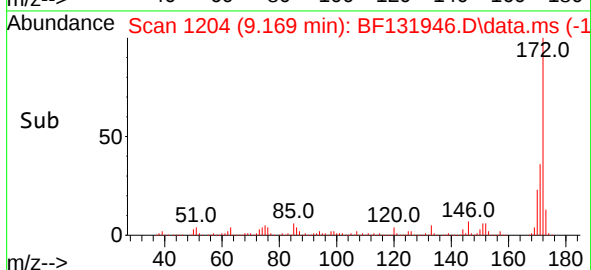
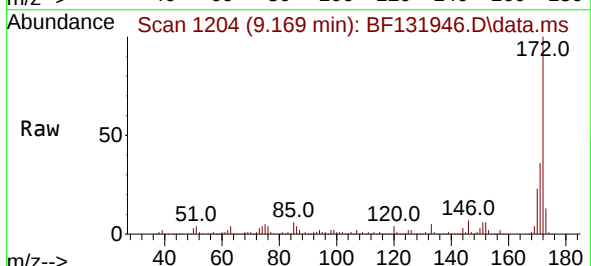
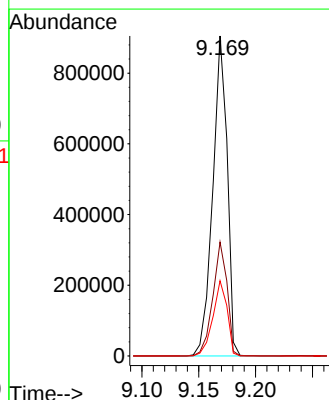
Tgt Ion:172 Resp: 797550

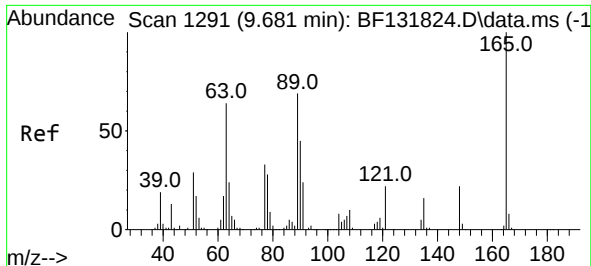
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.019 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :

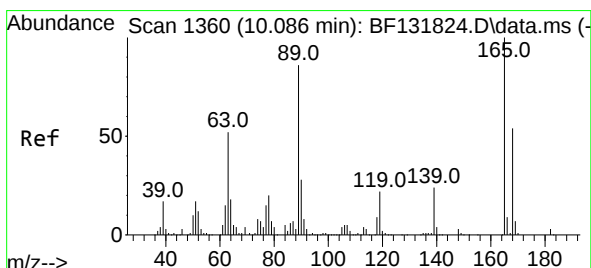
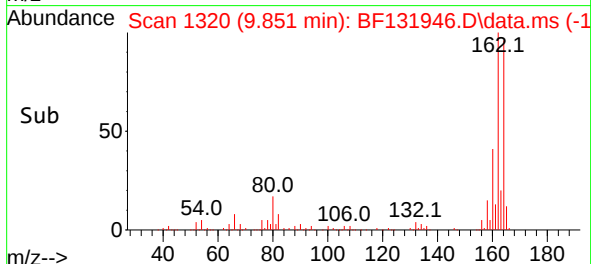
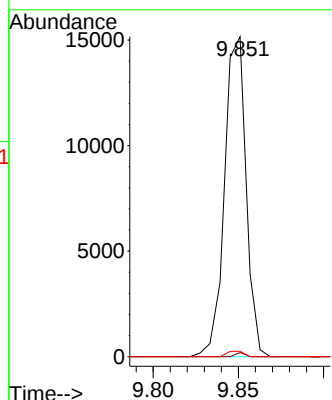
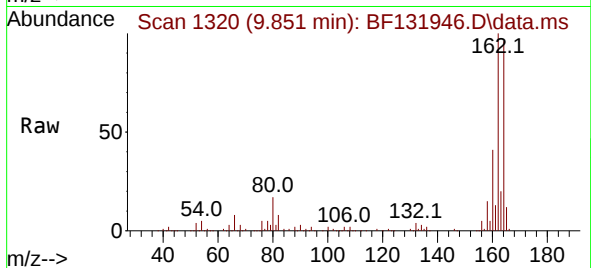
Tgt Ion:165 Resp: 13366

Ion Ratio Lower Upper

165 100

63 1.3 55.1 82.7#

89 1.7 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.864 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.200 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Tgt Ion:165 Resp: 13366

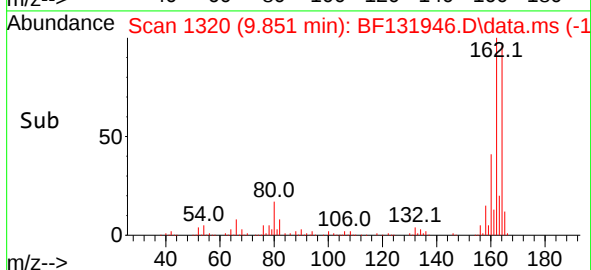
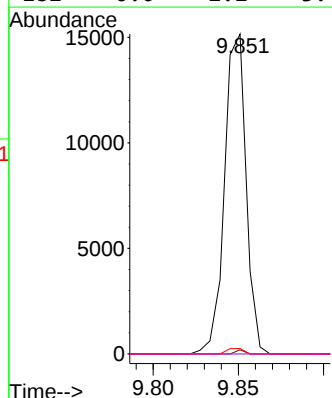
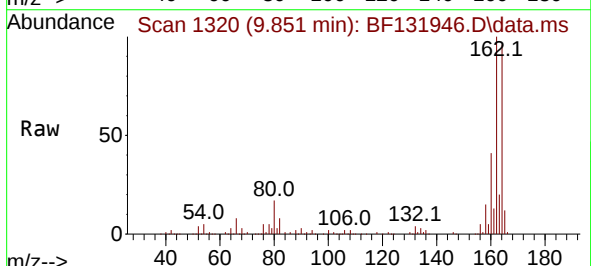
Ion Ratio Lower Upper

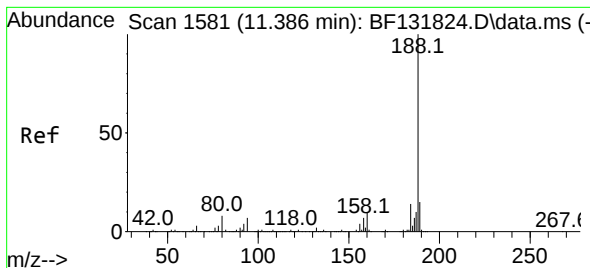
165 100

63 1.3 42.1 63.1#

89 1.7 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :

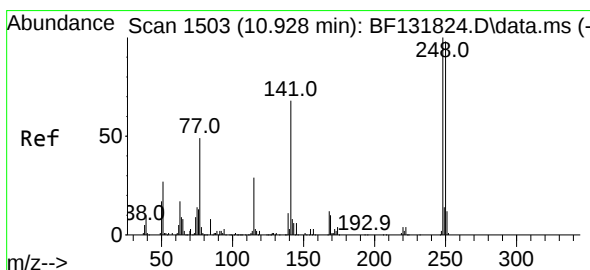
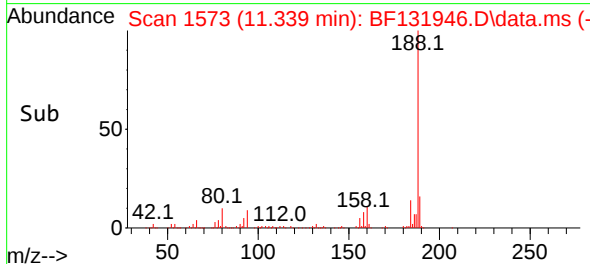
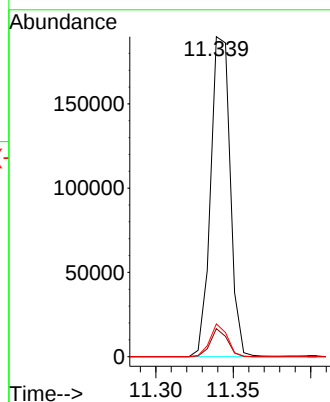
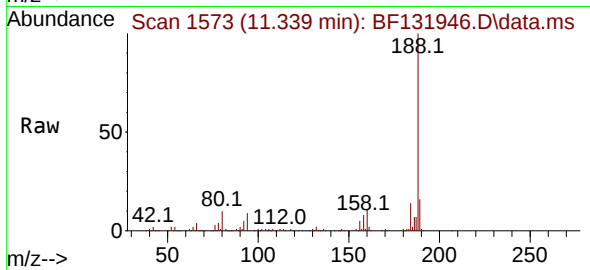
Tgt Ion:188 Resp: 166927

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

80 10.3 6.7 10.1#



#67

4-Bromophenyl-phenylether

Concen: 4.481 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

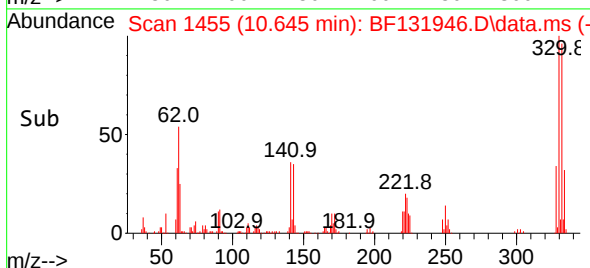
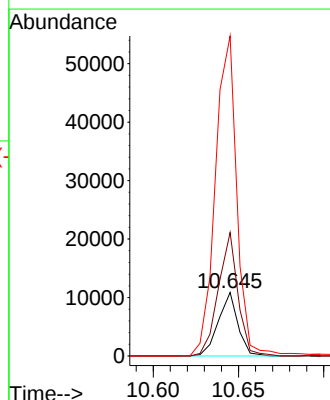
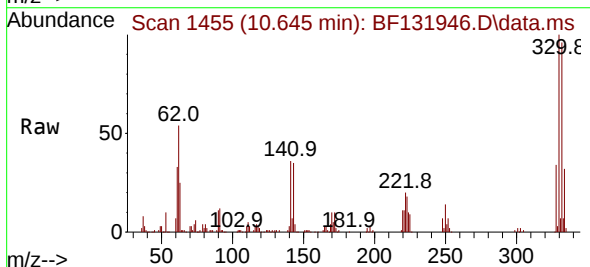
Tgt Ion:248 Resp: 8669

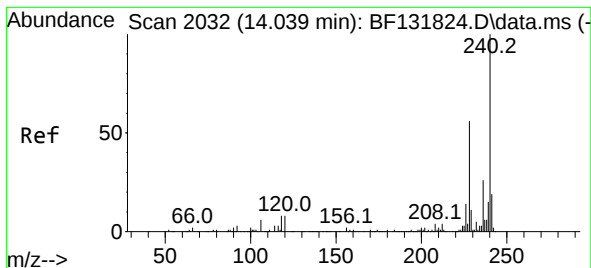
Ion Ratio Lower Upper

248 100

250 194.6 78.0 117.0#

141 504.1 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :

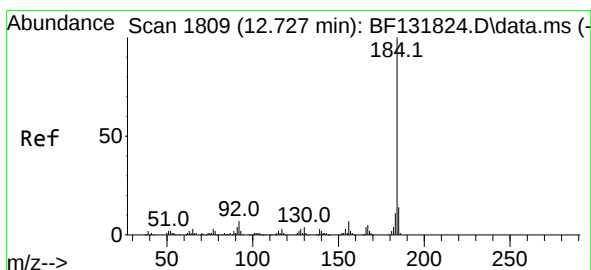
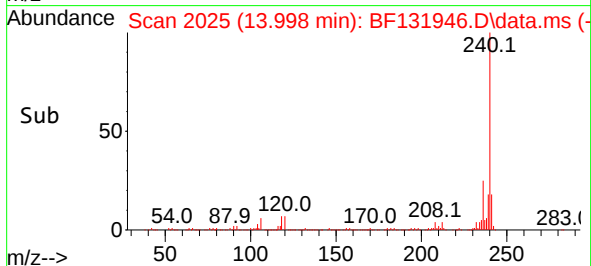
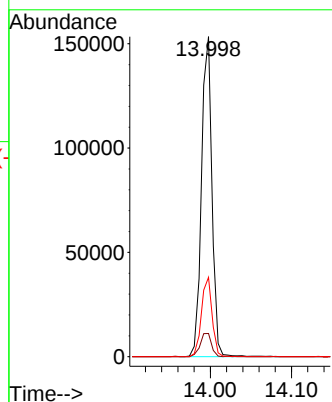
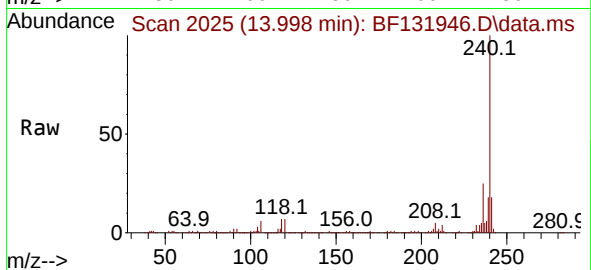
Tgt Ion:240 Resp: 137775

Ion Ratio Lower Upper

240 100

120 7.3 6.7 10.1

236 24.8 20.6 31.0



#77

Benzidine

Concen: 5.446 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

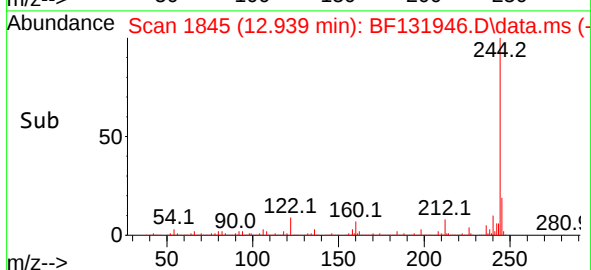
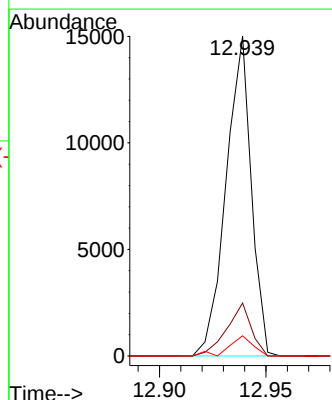
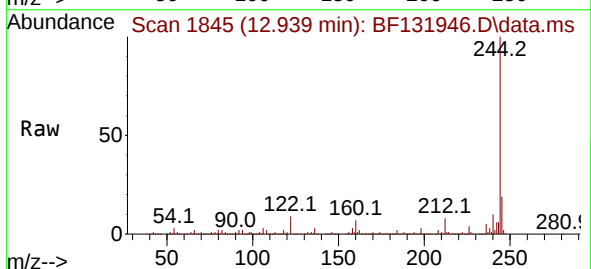
Tgt Ion:184 Resp: 12331

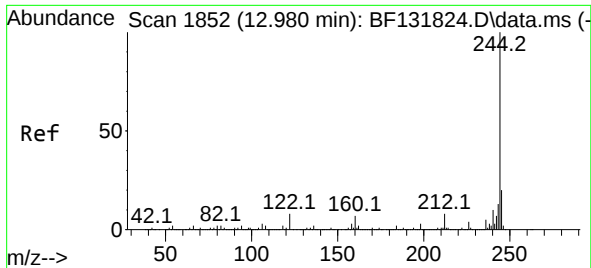
Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

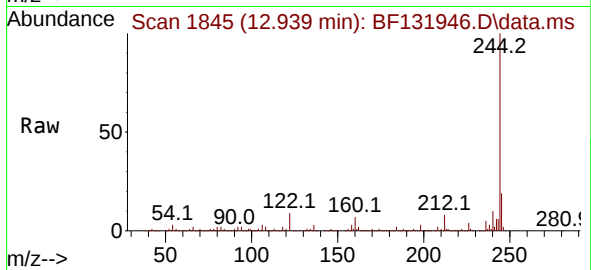
183 6.3 9.0 13.4#



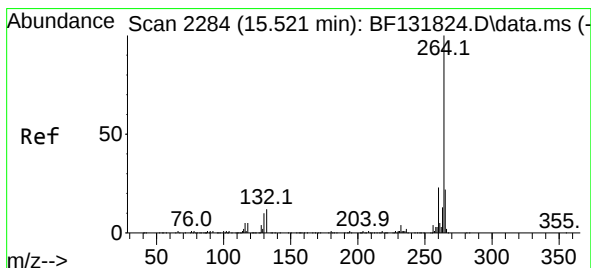
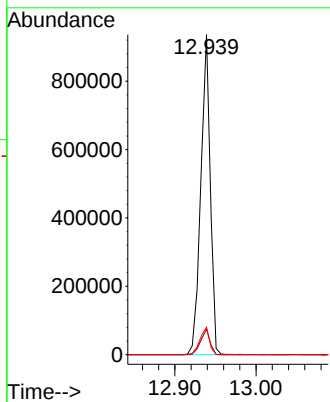
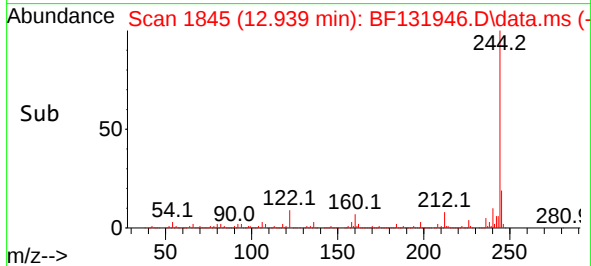


#79
 Terphenyl-d14
 Concen: 93.119 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131946.D
 Acq: 06 Jan 2023 17:57

Instrument :
 BNA_F
 ClientSampleId :

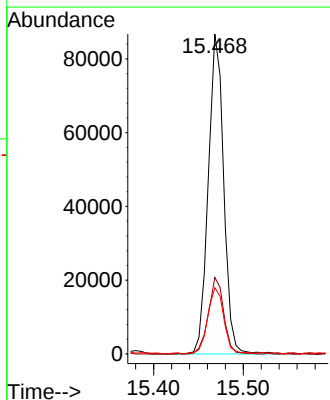
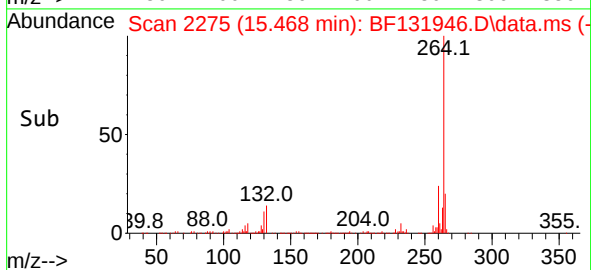
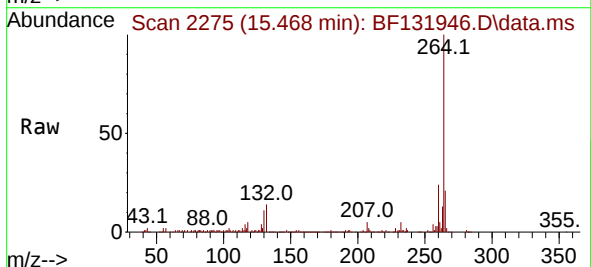


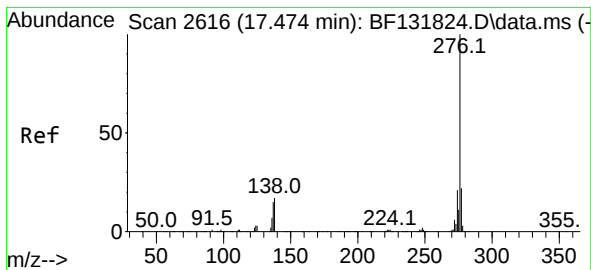
Tgt Ion:244 Resp: 758462
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.6 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF131946.D
 Acq: 06 Jan 2023 17:57

Tgt Ion:264 Resp: 103774
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 20.7 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.386 ng

RT: 17.398 min Scan# 20

Delta R.T. -0.000 min

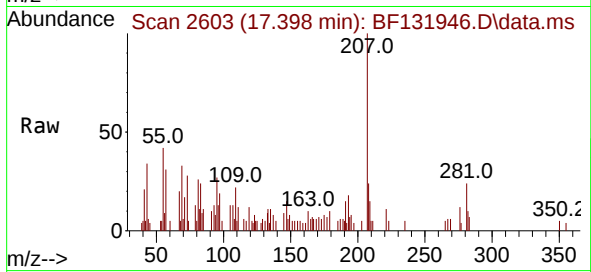
Lab File: BF131946.D

Acq: 06 Jan 2023 17:57

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 997

Ion Ratio Lower Upper

276 100

277 34.0 17.9 26.9#

138 0.0 13.7 20.5#

