

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131940.D
 Acq On : 06 Jan 2023 14:21
 Operator : CG\JU
 Sample : N6244-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:20:57 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)

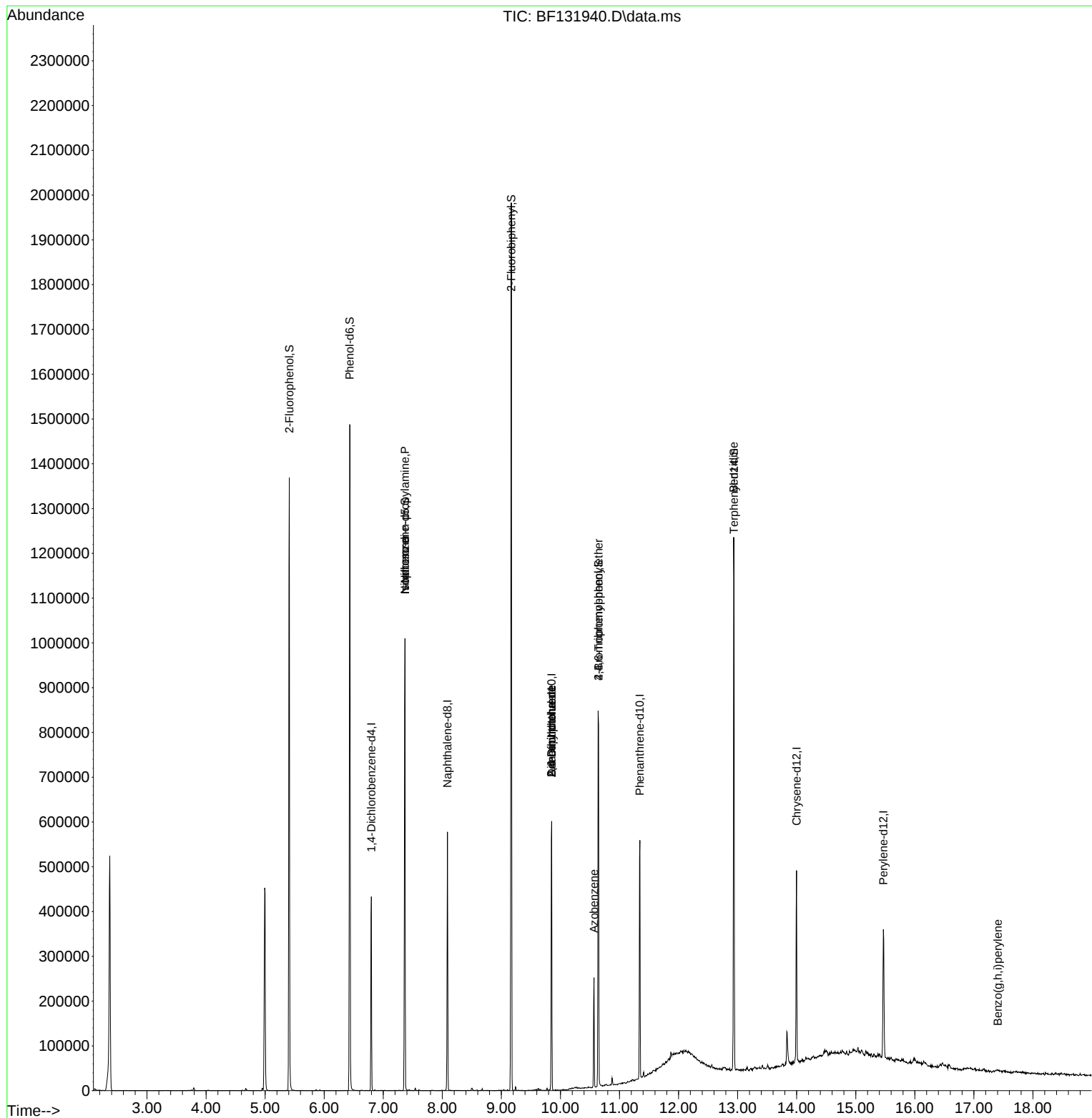
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	60241	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	214043	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	116898	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	193747	20.000	ng	0.00
76) Chrysene-d12	13.998	240	135264	20.000	ng	0.00
86) Perylene-d12	15.468	264	136312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	326692	89.872	ng	0.01
7) Phenol-d6	6.434	99	441998	92.549	ng	0.00
23) Nitrobenzene-d5	7.369	82	329764	61.511	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	89406	70.393	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	524731	61.484	ng	0.00
79) Terphenyl-d14	12.939	244	419016	52.399	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	45629	13.528	ng	# 77
25) Isophorone	7.369	82	329761	37.665	ng	# 69
50) Dimethylphthalate	9.851	163	23886	2.701	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	15073	7.873	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	15073	5.757	ng	# 17
63) Azobenzene	10.569	77	42165	4.464	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	6025	2.683	ng	# 1
77) Benzidine	12.933	184	6793	3.056	ng	# 94
92) Benzo(g,h,i)perylene	17.403	276	1281	5.383	ng	# 63

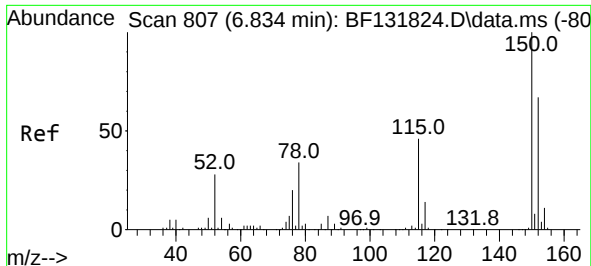
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131940.D
Acq On : 06 Jan 2023 14:21
Operator : CG\JU
Sample : N6244-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

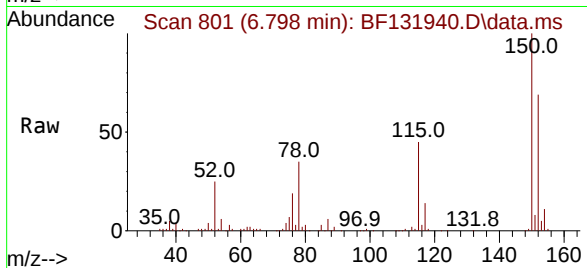
Quant Time: Jan 07 00:20:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration



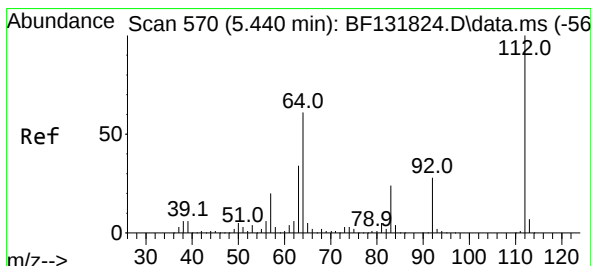
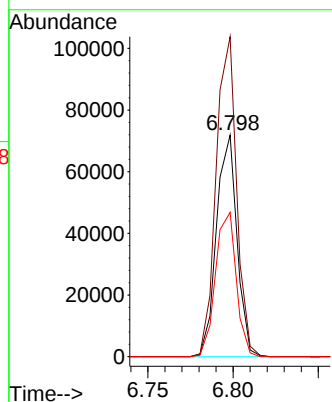
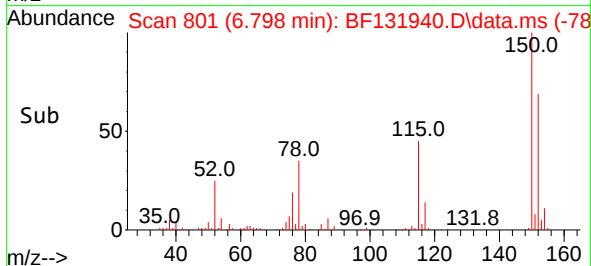


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

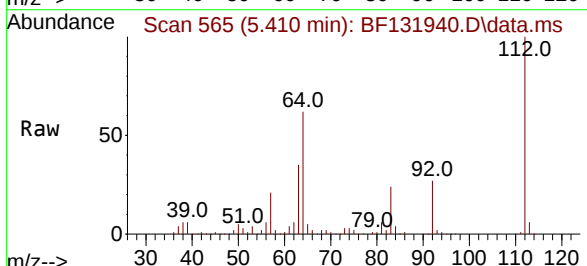
Instrument :
BNA_F
ClientSampleId :



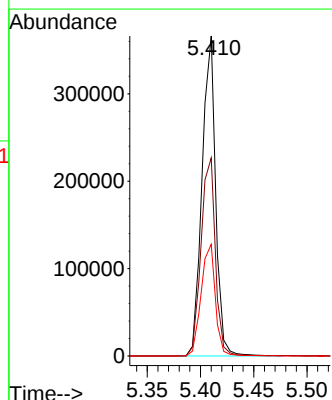
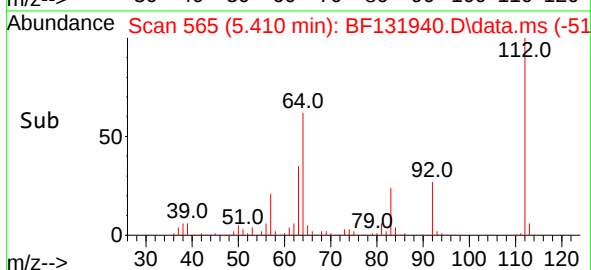
Tgt Ion:152 Resp: 60241
Ion Ratio Lower Upper
152 100
150 144.4 120.0 180.0
115 65.1 55.1 82.7

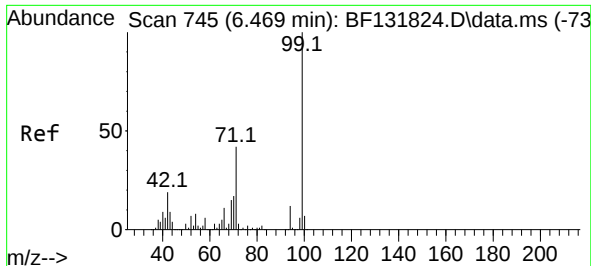


#5
2-Fluorophenol
Concen: 89.872 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21



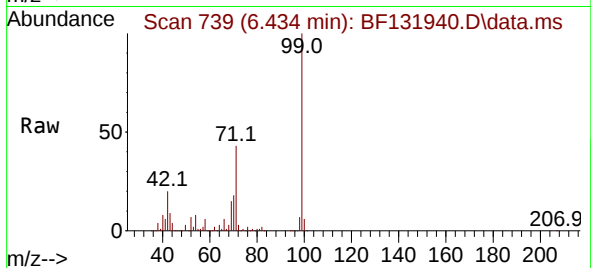
Tgt Ion:112 Resp: 326692
Ion Ratio Lower Upper
112 100
64 61.9 49.2 73.8
63 34.9 27.5 41.3



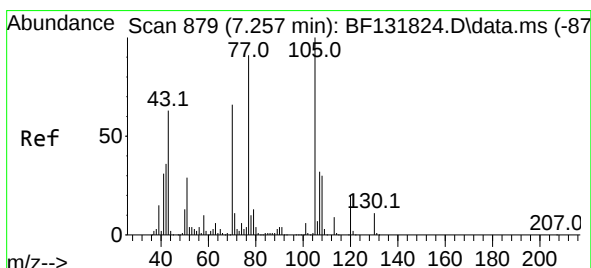
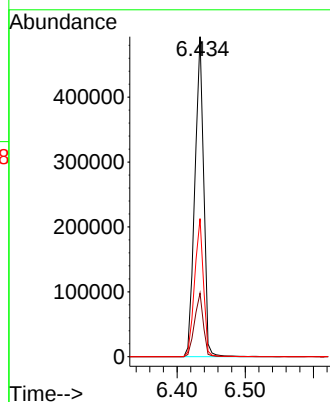
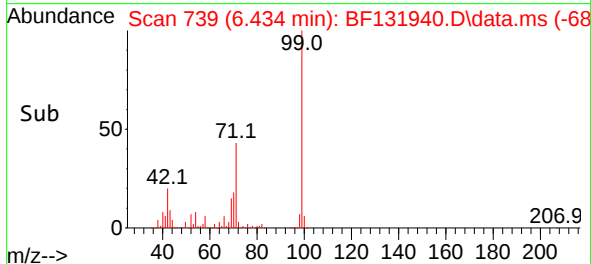


#7
Phenol-d6
Concen: 92.549 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

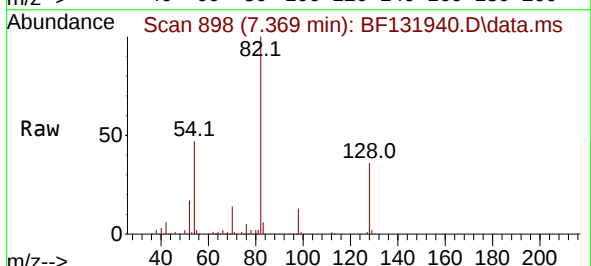
Instrument :
BNA_F
ClientSampleId :



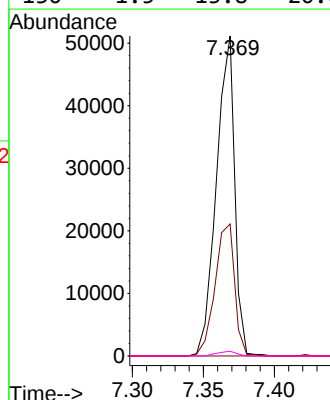
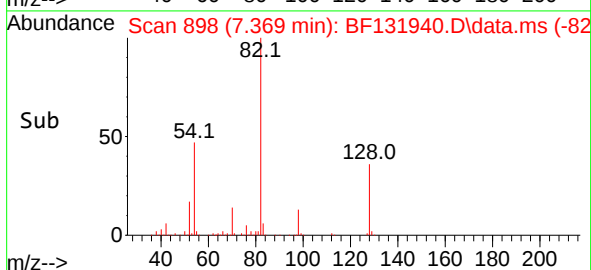
Tgt Ion: 99 Resp: 441998
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.1 33.5 50.3

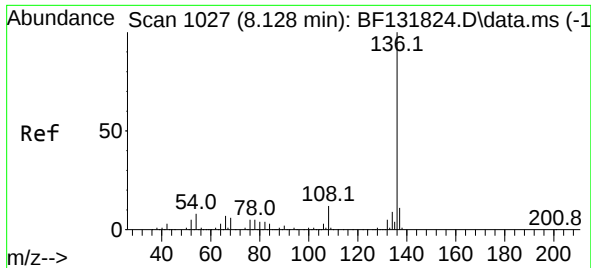


#19
n-Nitroso-di-n-propylamine
Concen: 13.528 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21



Tgt Ion: 70 Resp: 45629
Ion Ratio Lower Upper
70 100
42 41.2 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



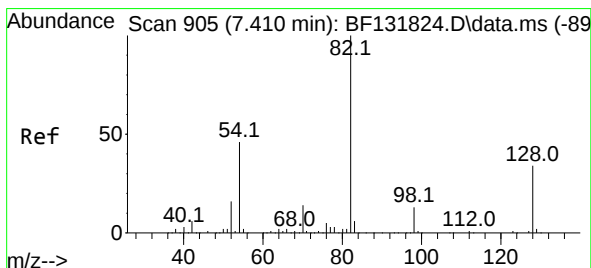
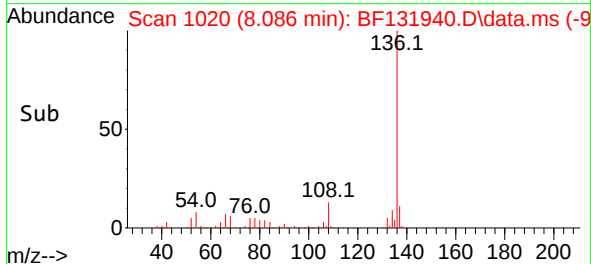
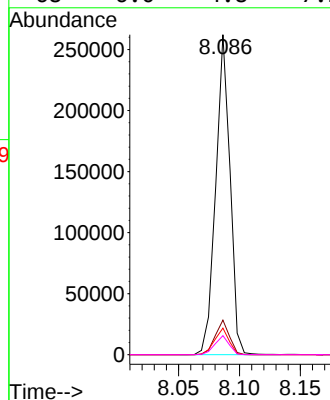
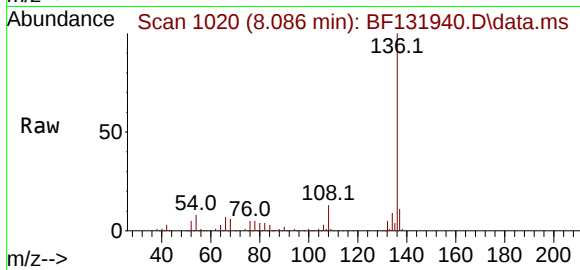


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 214043

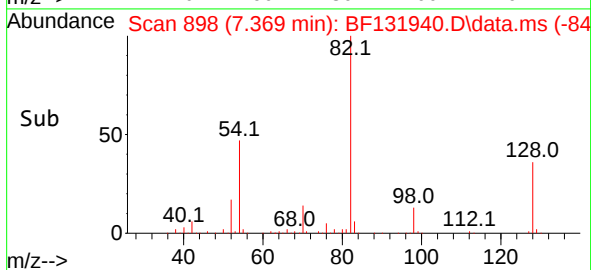
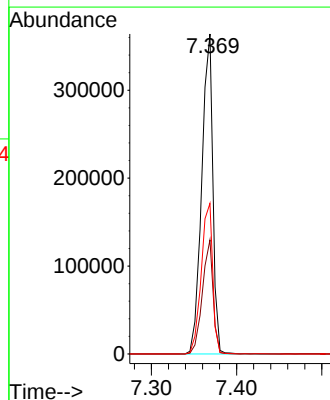
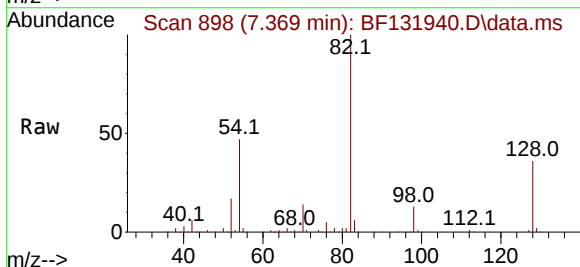
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.3	6.7	10.1
68	6.0	4.8	7.2

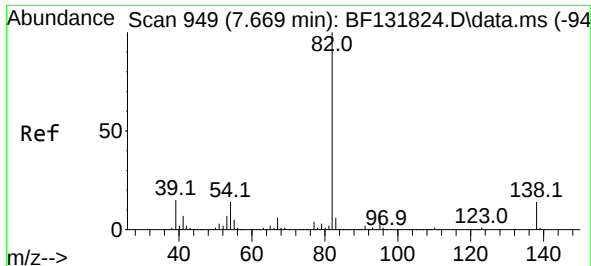


#23
Nitrobenzene-d5
Concen: 61.511 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Tgt Ion: 82 Resp: 329764

Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.1	40.7
54	47.0	37.0	55.6

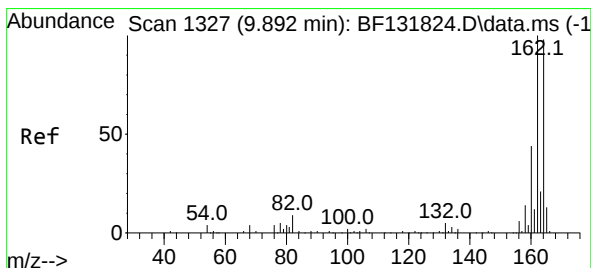
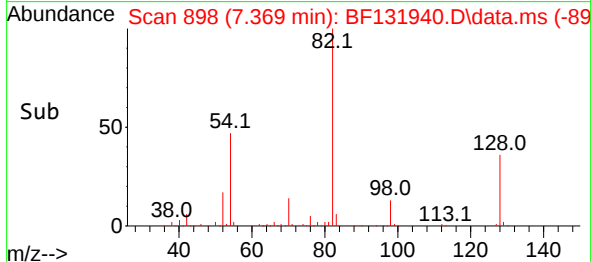
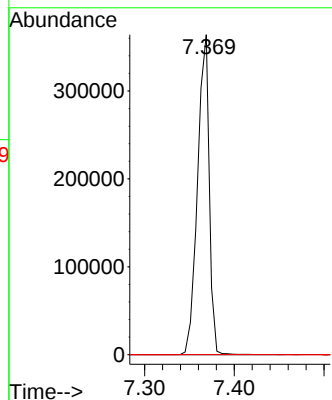
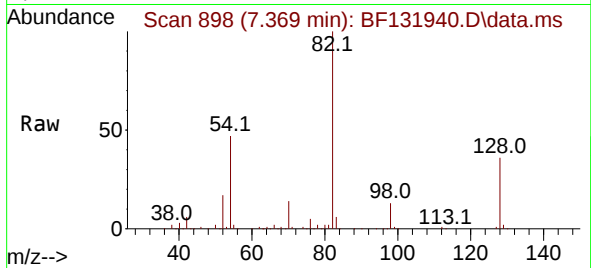




#25
Isophorone
Concen: 37.665 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

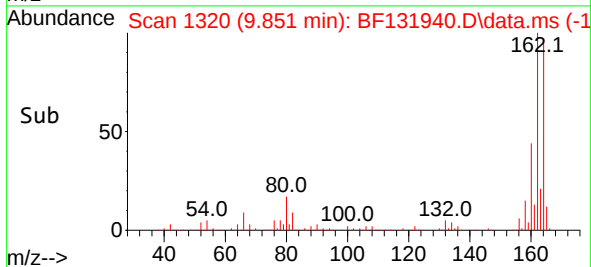
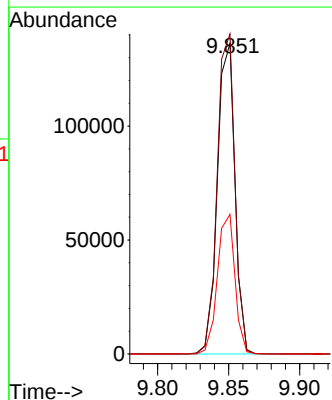
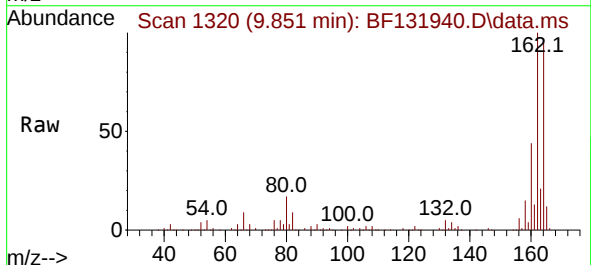
Instrument :
BNA_F
ClientSampleId :

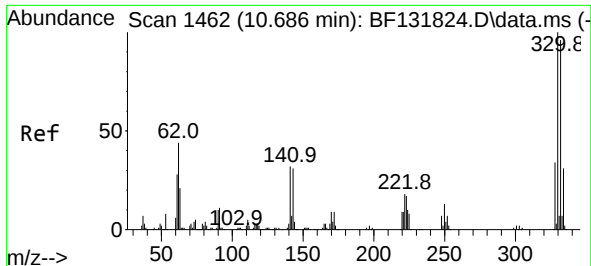
Tgt Ion: 82 Resp: 329761
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Tgt Ion:164 Resp: 116898
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 44.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 70.393 ng

RT: 10.645 min Scan# 1462

Delta R.T. -0.000 min

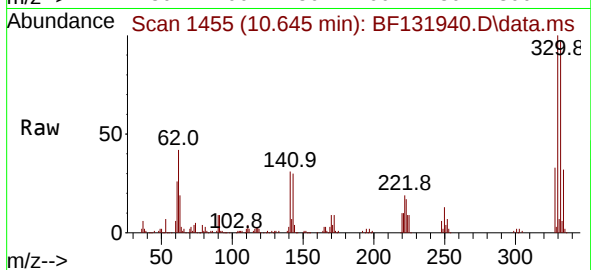
Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

Instrument :

BNA_F

ClientSampleId :



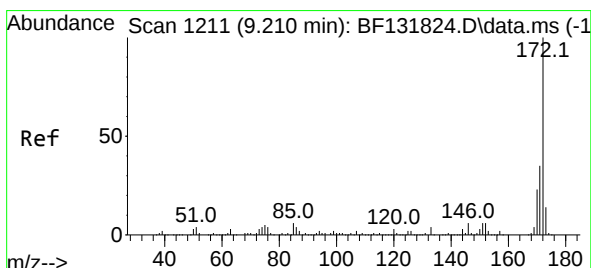
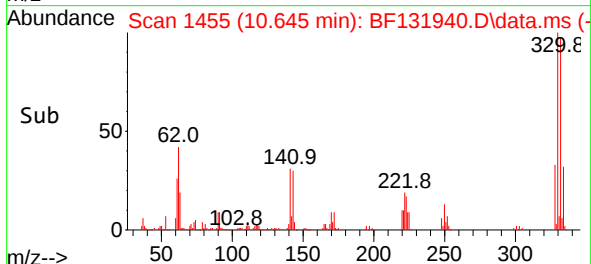
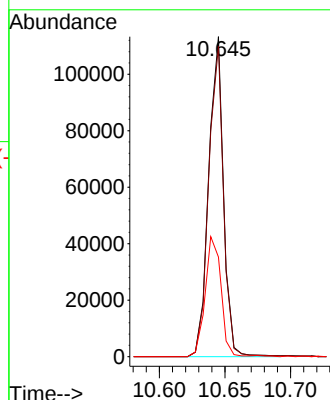
Tgt Ion:330 Resp: 89406

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.4

141 40.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 61.484 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

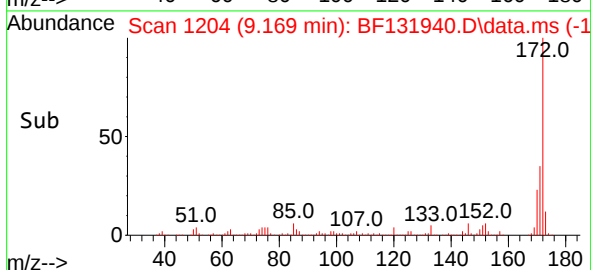
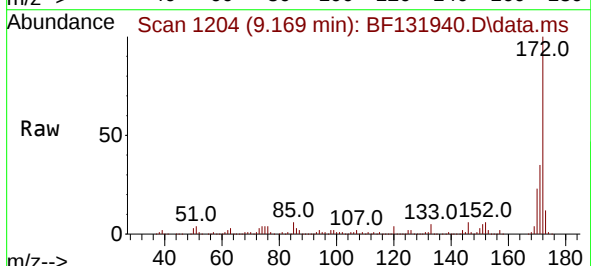
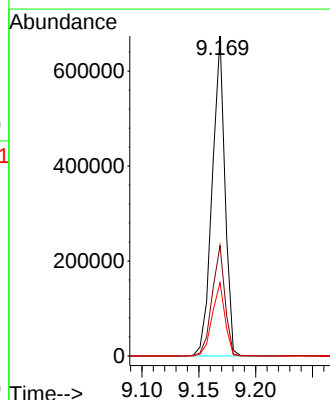
Tgt Ion:172 Resp: 524731

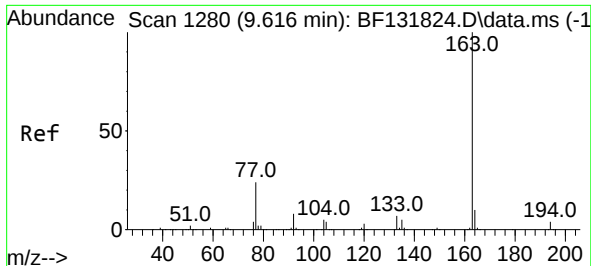
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.9 18.7 28.1

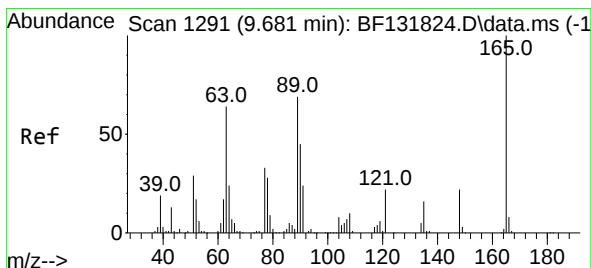
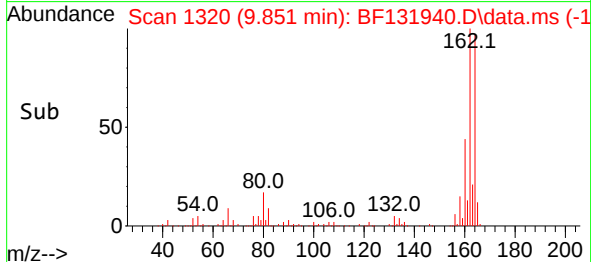
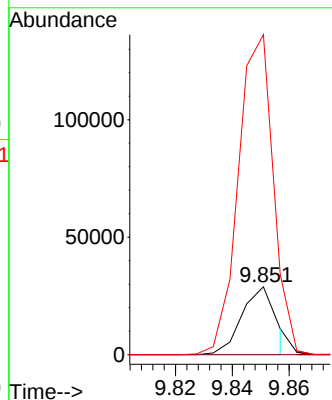
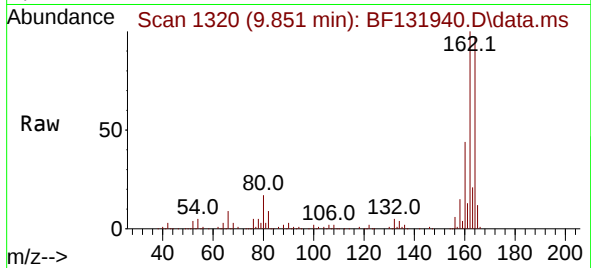




#50
Dimethylphthalate
Concen: 2.701 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.270 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

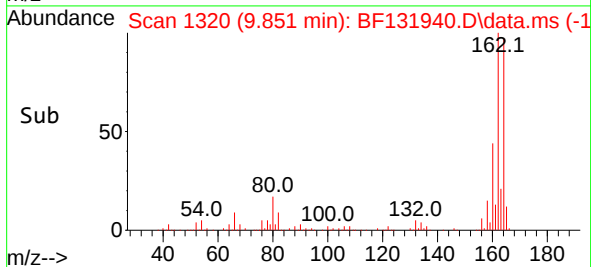
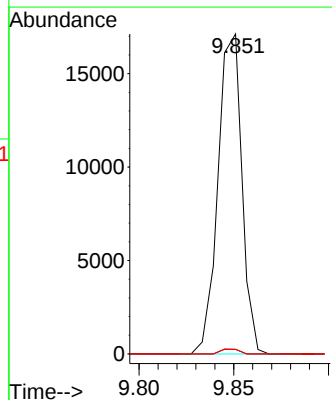
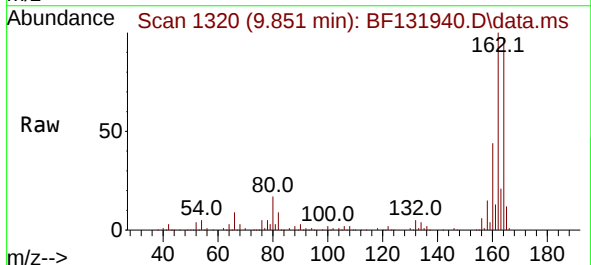
Instrument :
BNA_F
ClientSampleId :

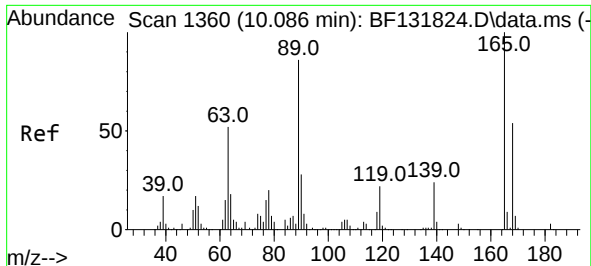
Tgt Ion:163 Resp: 23886
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 472.1 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

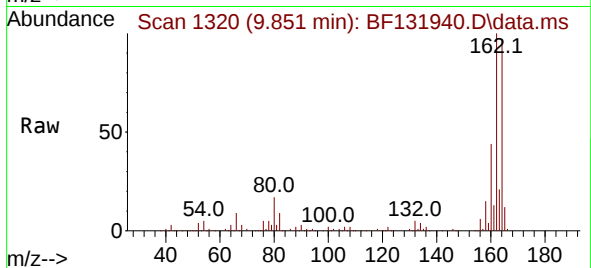
Tgt Ion:165 Resp: 15073
Ion Ratio Lower Upper
165 100
63 1.5 55.1 82.7#
89 1.5 55.0 82.4#



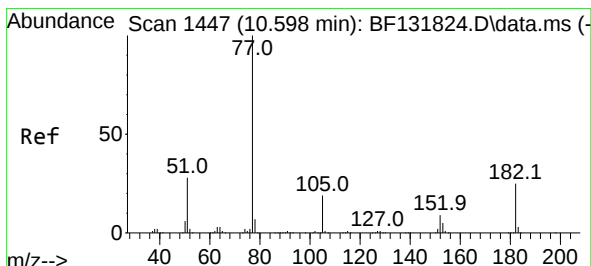
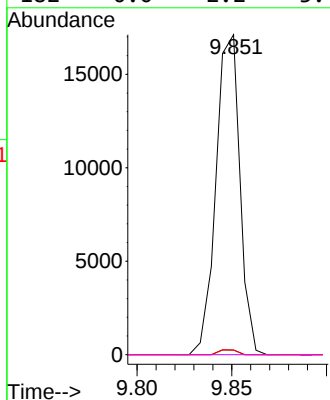
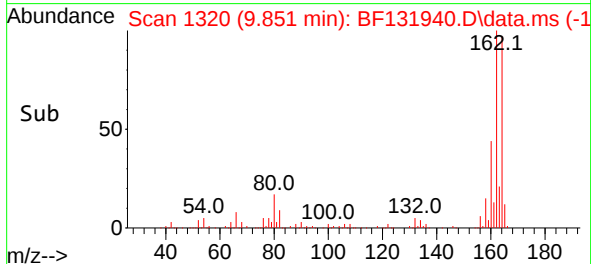


#57
2,4-Dinitrotoluene
Concen: 5.757 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Instrument :
BNA_F
ClientSampleId :

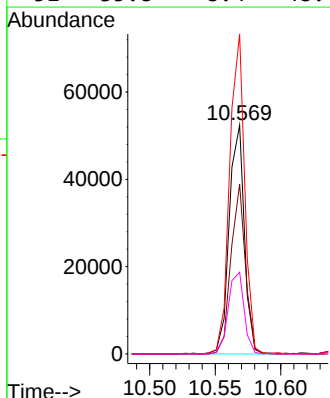
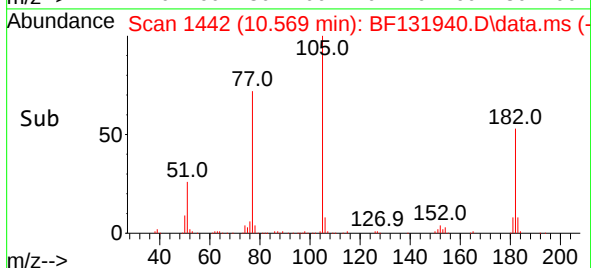
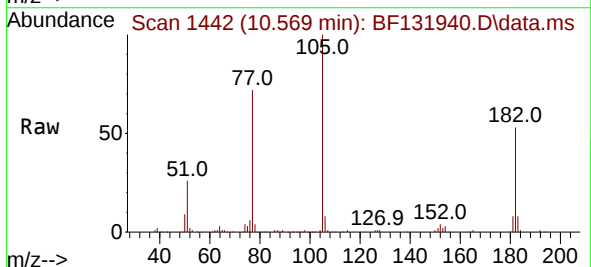


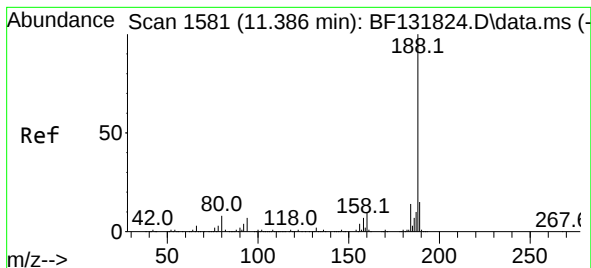
Tgt Ion:165 Resp: 15073
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.5 69.1 103.7#
182 0.0 2.2 3.4#



#63
Azobenzene
Concen: 4.464 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF131940.D
Acq: 06 Jan 2023 14:21

Tgt Ion: 77 Resp: 42165
Ion Ratio Lower Upper
77 100
182 74.3 5.0 45.0#
105 139.9 0.0 39.4#
51 35.8 8.4 48.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

Instrument :

BNA_F

ClientSampleId :

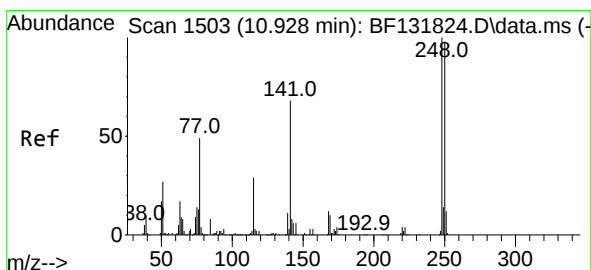
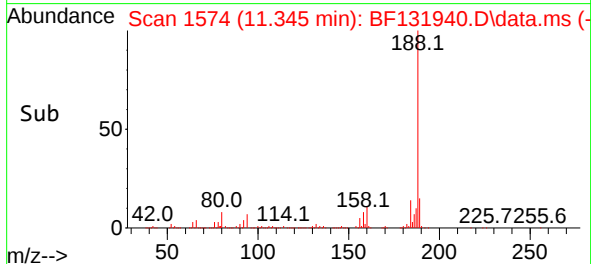
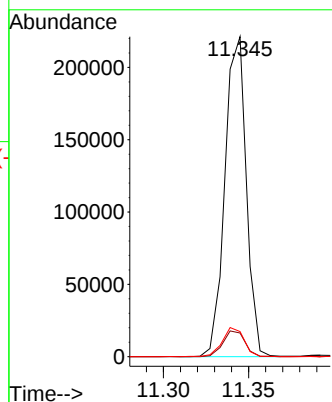
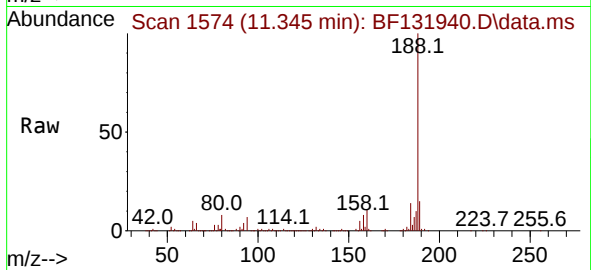
Tgt Ion:188 Resp: 193747

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 7.8 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 2.683 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

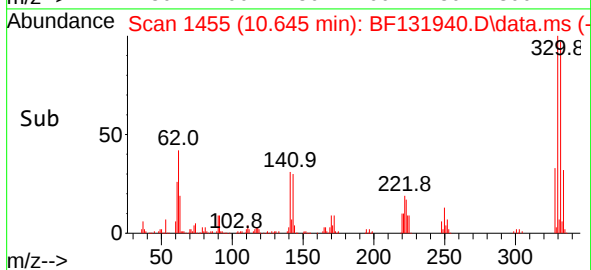
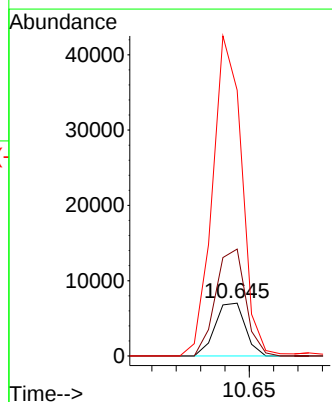
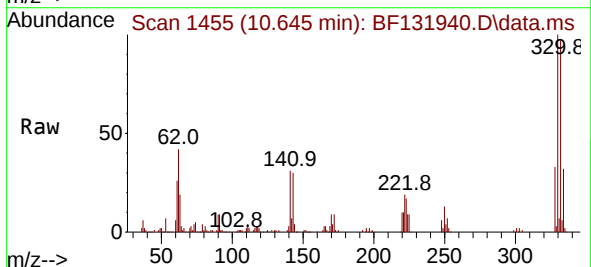
Tgt Ion:248 Resp: 6025

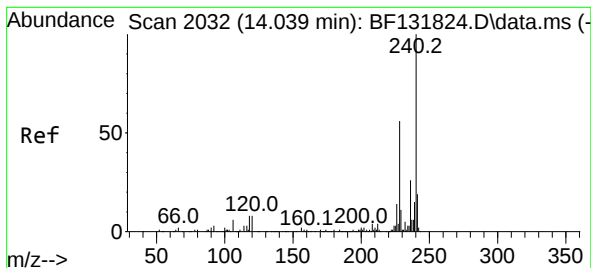
Ion Ratio Lower Upper

248 100

250 202.2 78.0 117.0#

141 502.6 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: BF131940.D

Acq: 06 Jan 2023 14:21

Instrument :

BNA_F

ClientSampleId :

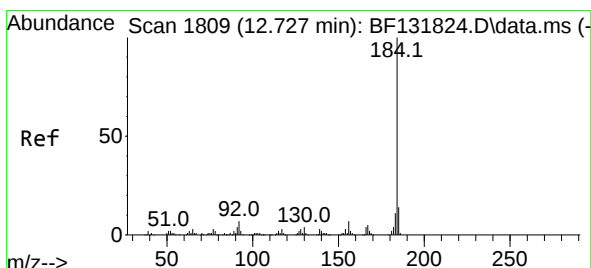
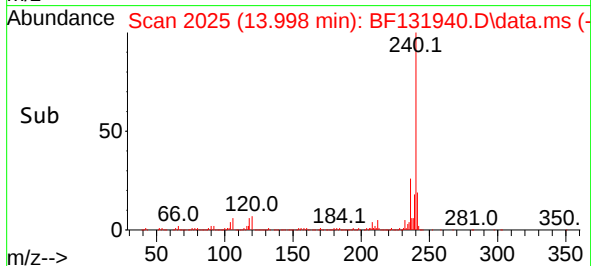
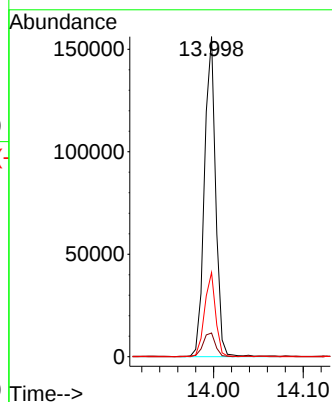
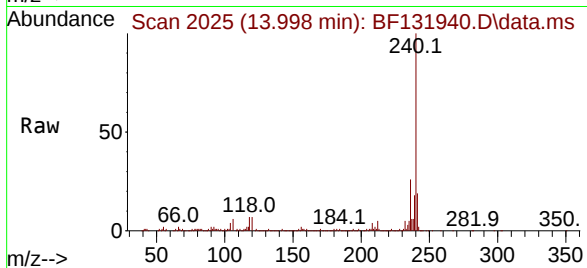
Tgt Ion:240 Resp: 135264

Ion Ratio Lower Upper

240 100

120 7.4 6.7 10.1

236 26.3 20.6 31.0



#77

Benzidine

Concen: 3.056 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.247 min

Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

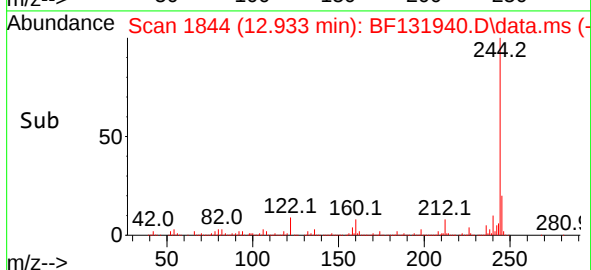
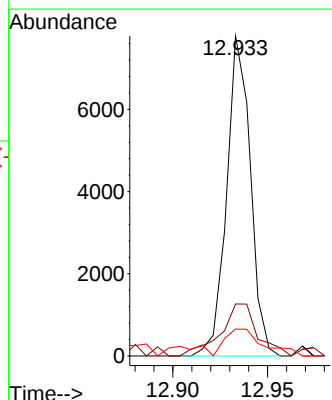
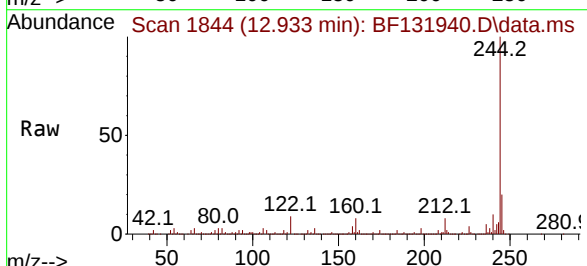
Tgt Ion:184 Resp: 6793

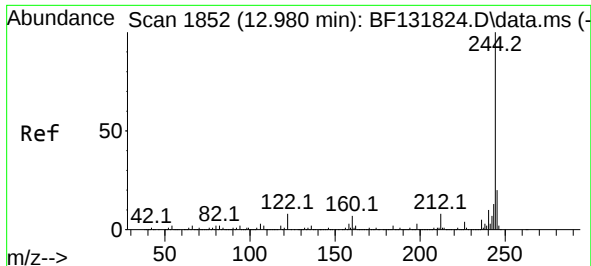
Ion Ratio Lower Upper

184 100

185 16.2 11.6 17.4

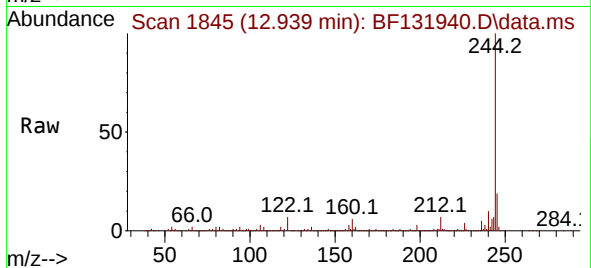
183 8.4 9.0 13.4#



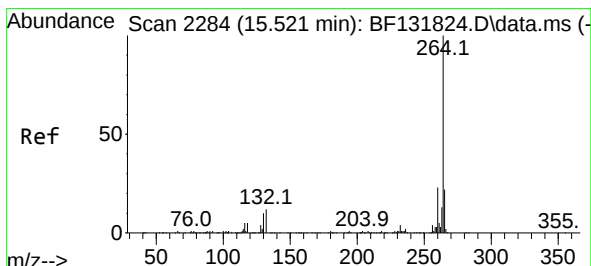
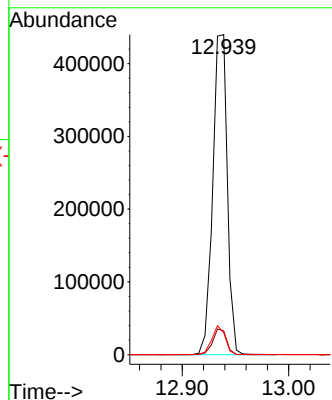
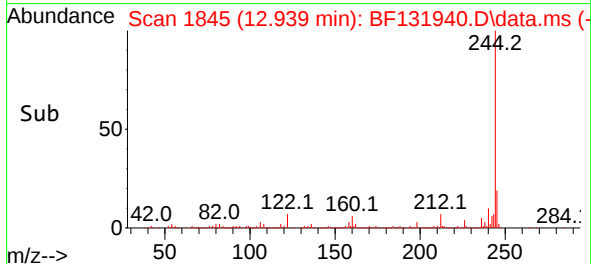


#79
 Terphenyl-d14
 Concen: 52.399 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131940.D
 Acq: 06 Jan 2023 14:21

Instrument :
 BNA_F
 ClientSampleId :

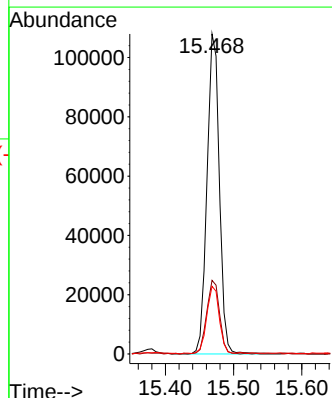
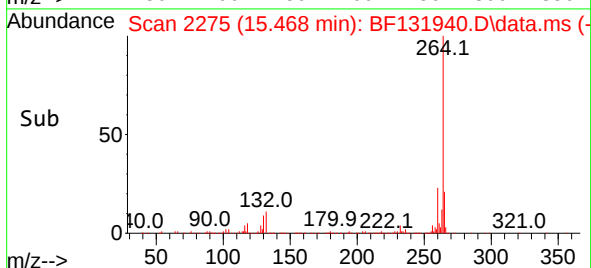
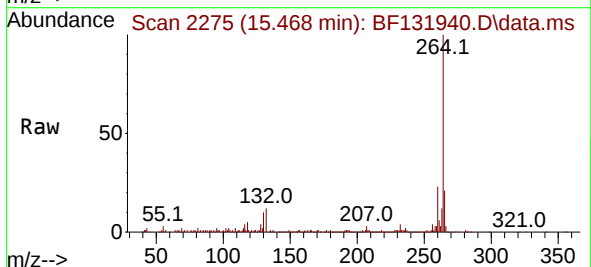


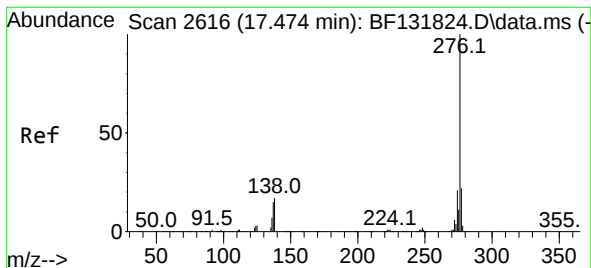
Tgt Ion:244 Resp: 419016
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 6.9 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF131940.D
 Acq: 06 Jan 2023 14:21

Tgt Ion:264 Resp: 136312
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.2 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.383 ng

RT: 17.403 min Scan# 20

Delta R.T. 0.006 min

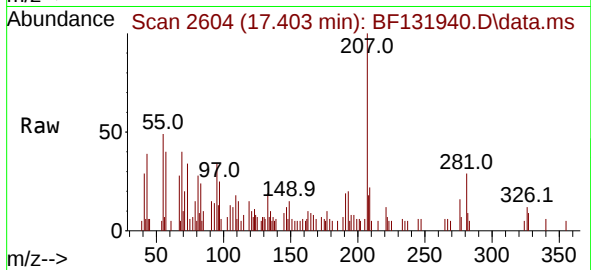
Lab File: BF131940.D

Acq: 06 Jan 2023 14:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 1281

Ion Ratio Lower Upper

276 100

277 40.6 17.9 26.9#

138 32.8 13.7 20.5#

