

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131939.D
 Acq On : 06 Jan 2023 13:48
 Operator : CG\JU
 Sample : N6243-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:20:35 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)

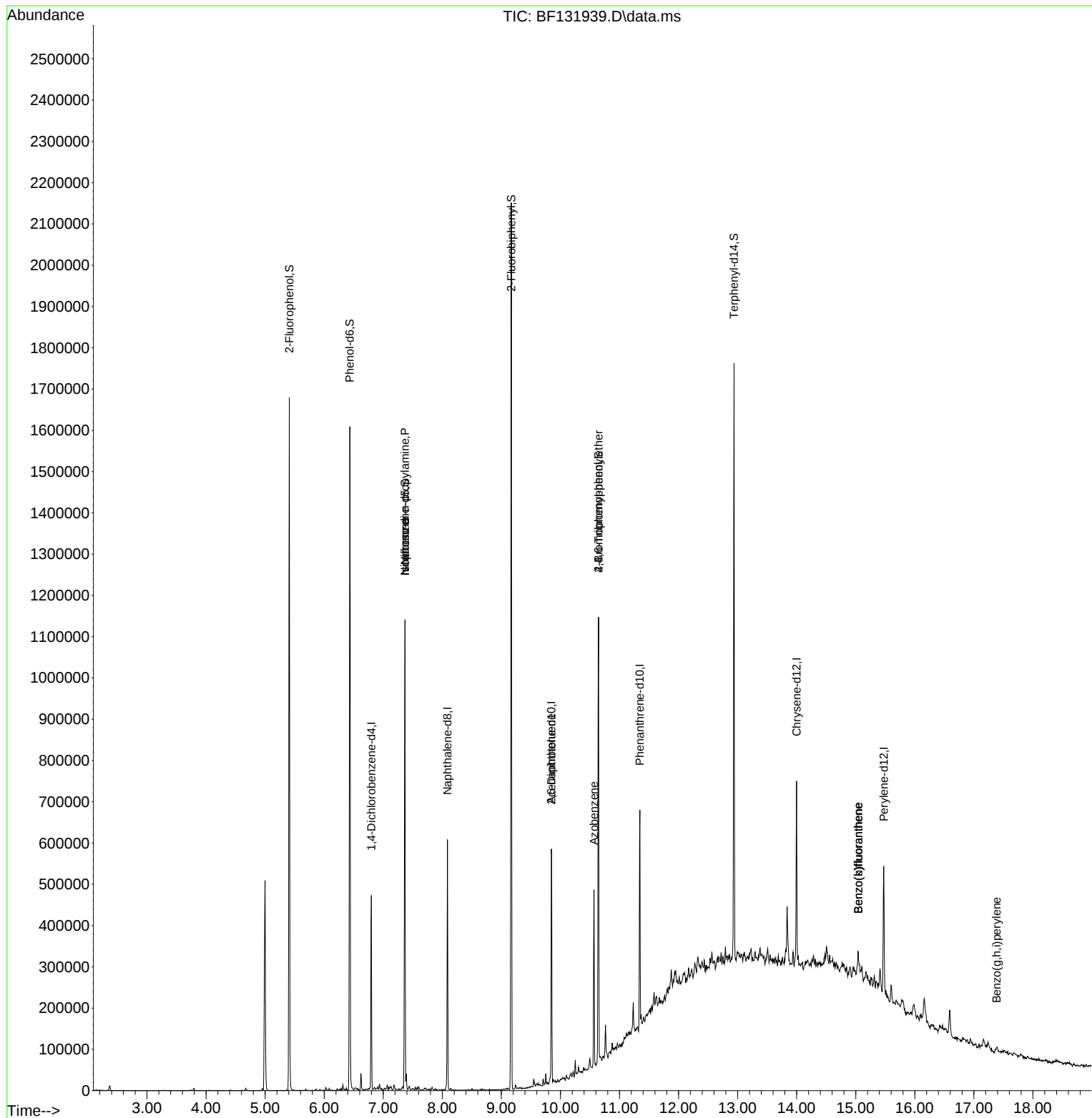
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	61848	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	220391	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	113767	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	182730	20.000	ng	0.00
76) Chrysene-d12	13.998	240	132172	20.000	ng	0.00
86) Perylene-d12	15.474	264	132400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	398874	106.879	ng	0.01
7) Phenol-d6	6.434	99	515033	105.040	ng	0.00
23) Nitrobenzene-d5	7.369	82	358818	65.003	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	107902	87.294	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	562411	67.713	ng	0.00
79) Terphenyl-d14	12.939	244	448669	57.420	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.369	70	51287	14.811	ng	# 79
25) Isophorone	7.369	82	358818	39.804	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	15196	8.156	ng	# 17
63) Azobenzene	10.569	77	74623	8.117	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	7324	3.458	ng	# 1
88) Benzo(b)fluoranthene	15.045	252	22368	2.304	ng	# 76
89) Benzo(k)fluoranthene	15.045	252	22368	2.385	ng	# 76
92) Benzo(g,h,i)perylene	17.386	276	7528	6.070	ng	# 83

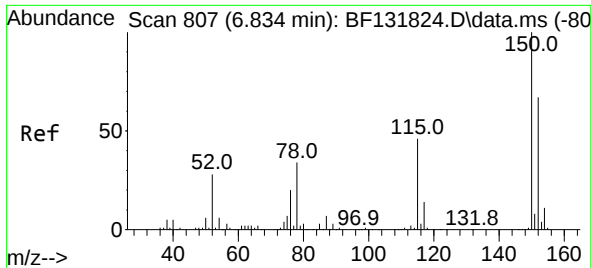
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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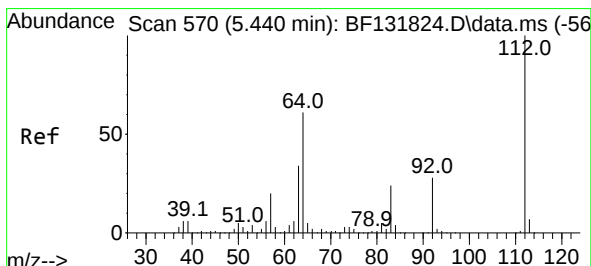
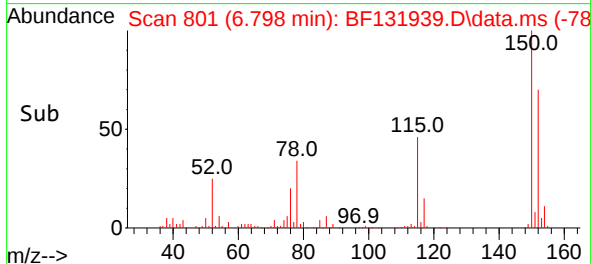
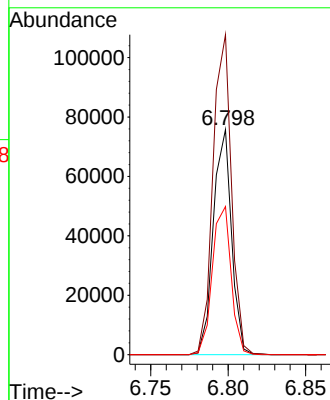
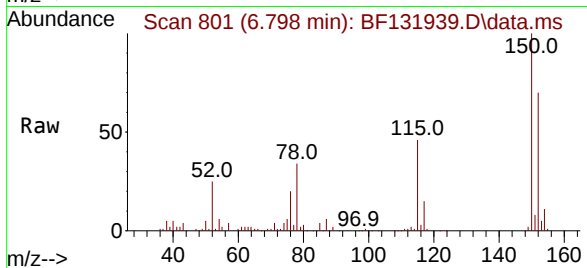




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

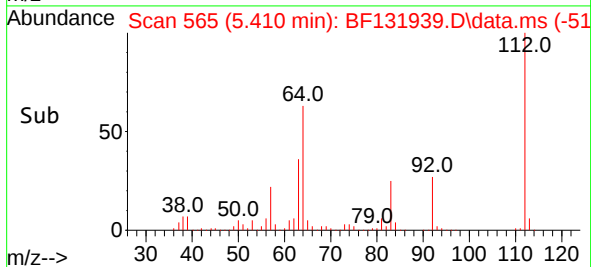
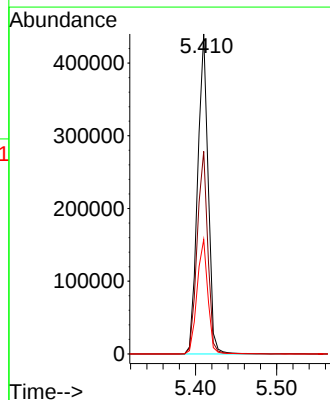
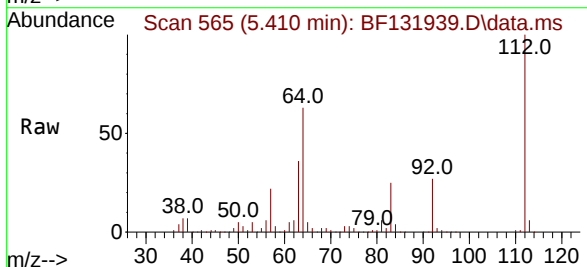
Instrument :
BNA_F
ClientSampleId :

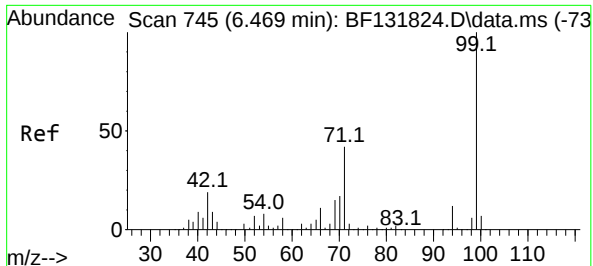
Tgt Ion:152 Resp: 61848
Ion Ratio Lower Upper
152 100
150 142.2 120.0 180.0
115 65.8 55.1 82.7



#5
2-Fluorophenol
Concen: 106.879 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

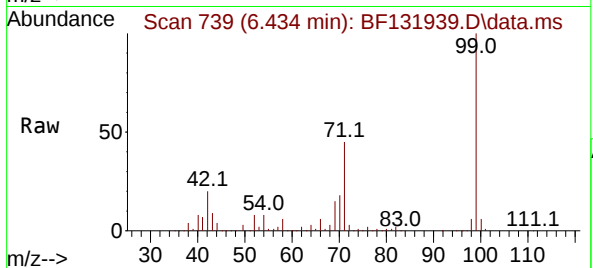
Tgt Ion:112 Resp: 398874
Ion Ratio Lower Upper
112 100
64 63.3 49.2 73.8
63 35.8 27.5 41.3



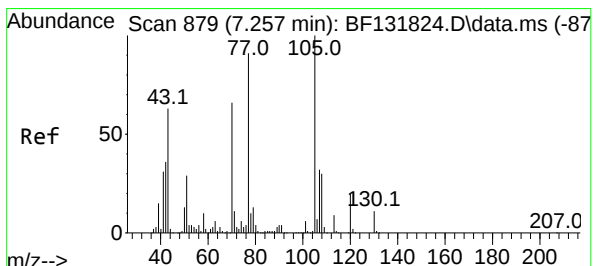
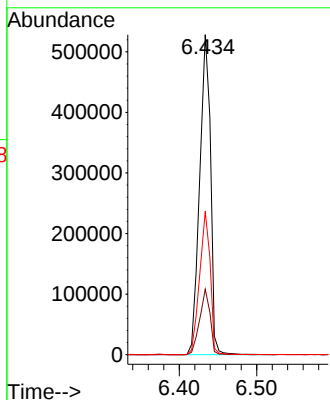
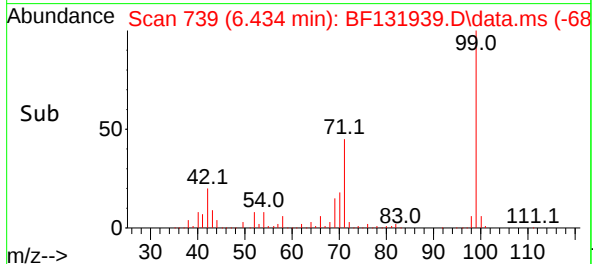


#7
Phenol-d6
Concen: 105.040 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

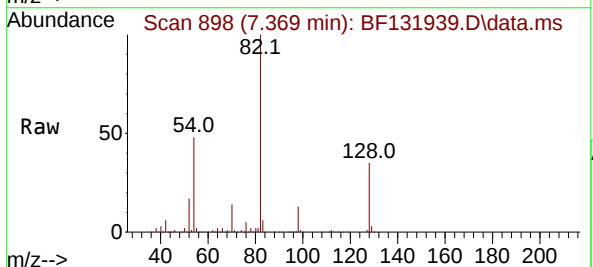
Instrument :
BNA_F
ClientSampleId :



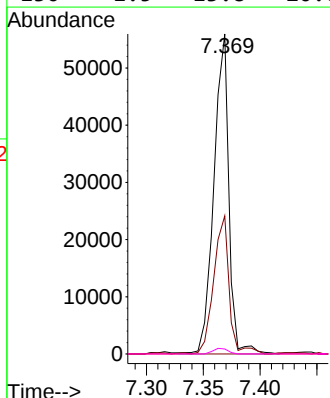
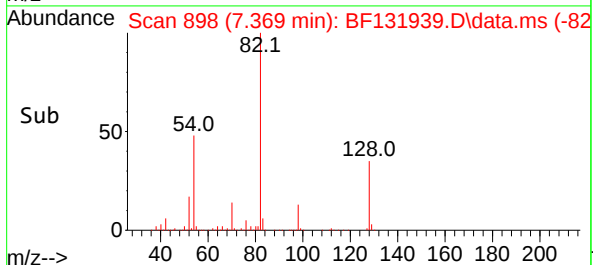
Tgt Ion: 99 Resp: 515033
Ion Ratio Lower Upper
99 100
42 20.4 15.3 22.9
71 44.8 33.5 50.3

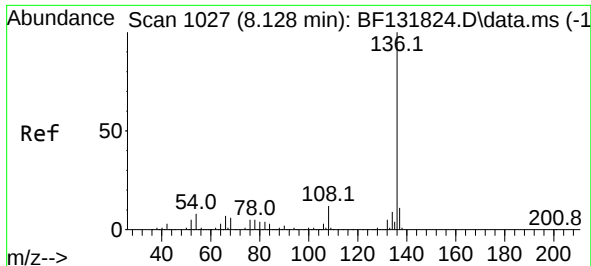


#19
n-Nitroso-di-n-propylamine
Concen: 14.811 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48



Tgt Ion: 70 Resp: 51287
Ion Ratio Lower Upper
70 100
42 43.1 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



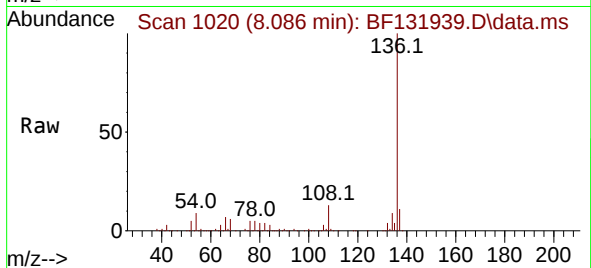


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

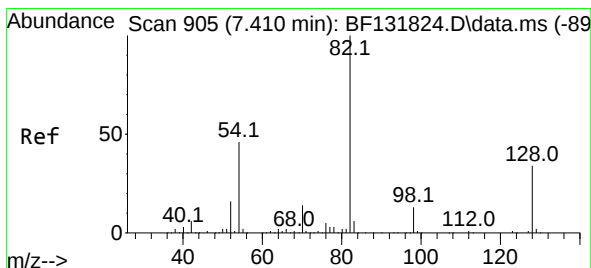
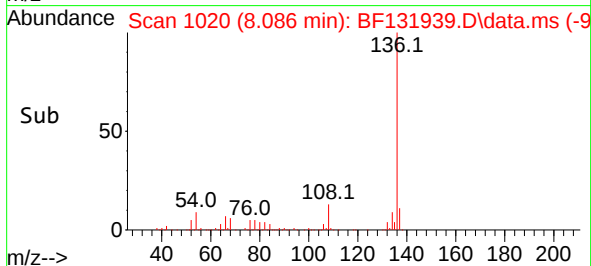
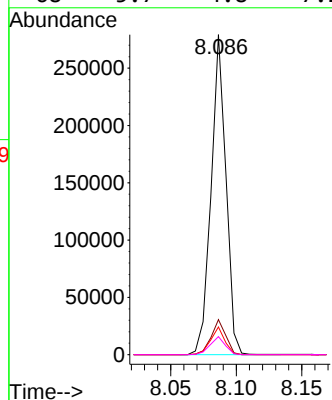
Instrument :

BNA_F

ClientSampleId :

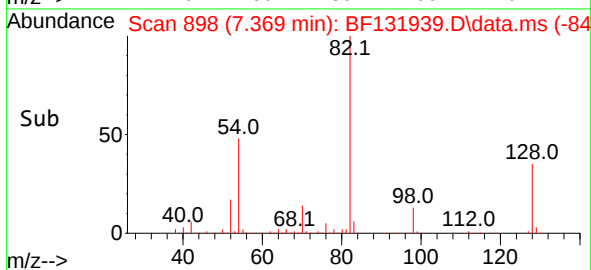
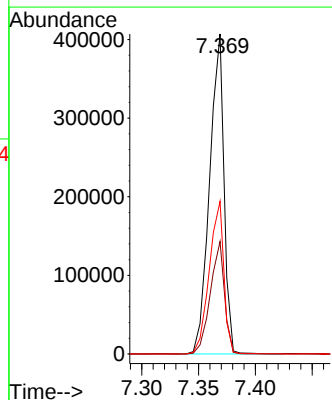
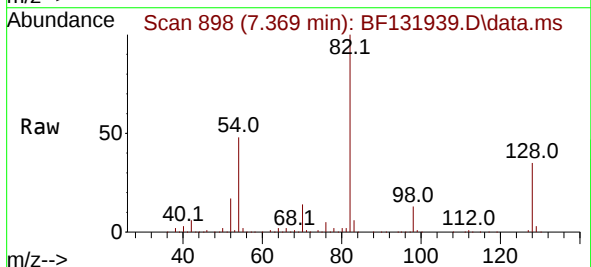


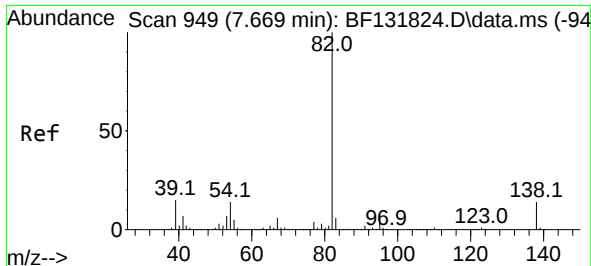
Tgt Ion:136 Resp: 220391
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.7 6.7 10.1
68 5.7 4.8 7.2



#23
Nitrobenzene-d5
Concen: 65.003 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Tgt Ion: 82 Resp: 358818
Ion Ratio Lower Upper
82 100
128 35.1 27.1 40.7
54 47.7 37.0 55.6

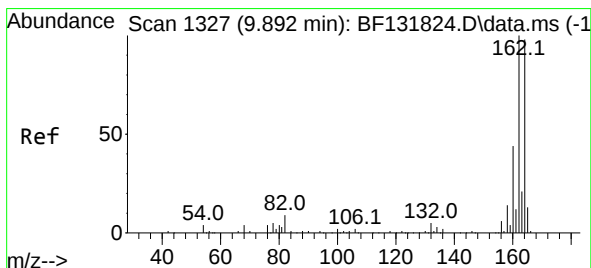
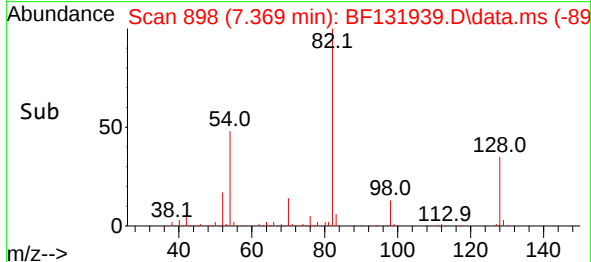
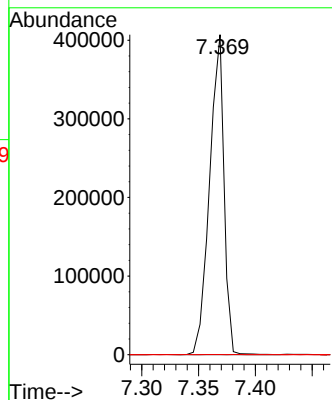
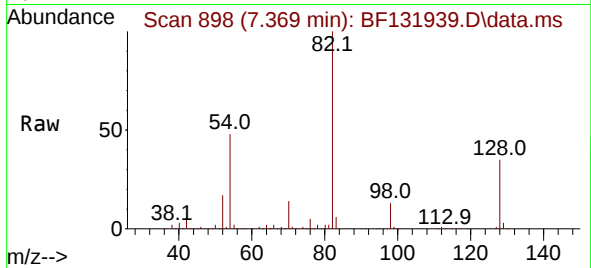




#25
Isophorone
Concen: 39.804 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

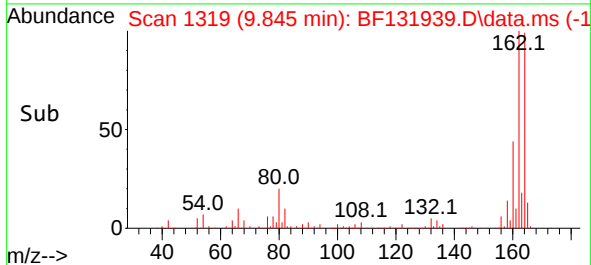
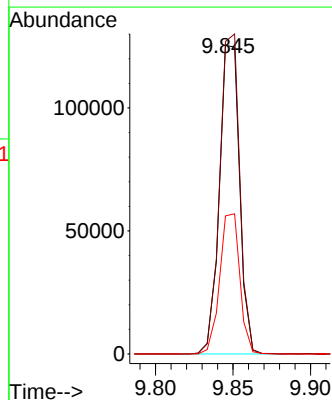
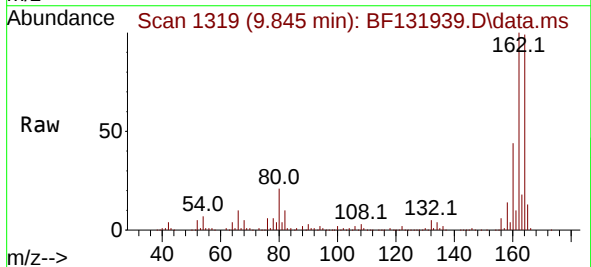
Instrument :
BNA_F
ClientSampleId :

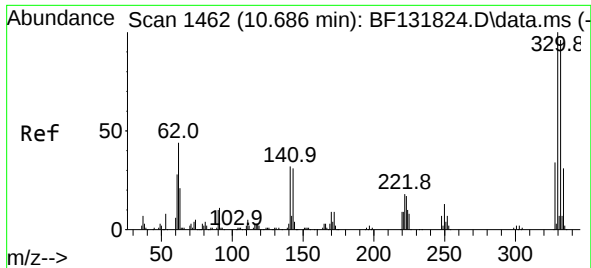
Tgt Ion: 82 Resp: 358818
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

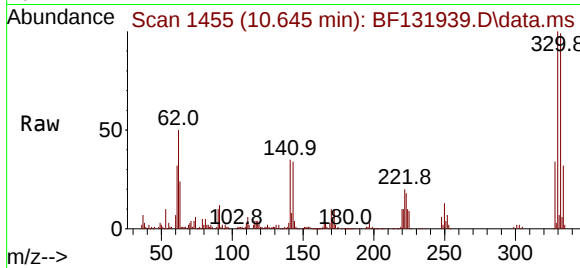
Tgt Ion:164 Resp: 113767
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.8 35.7 53.5



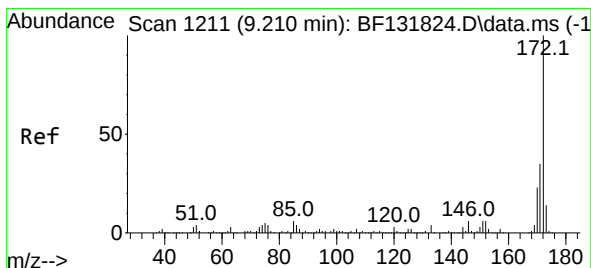
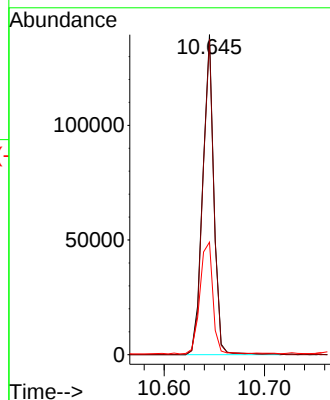
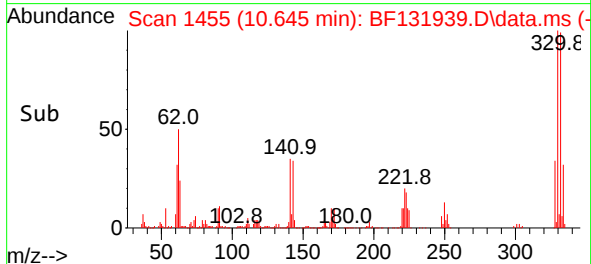


#42
2,4,6-Tribromophenol
Concen: 87.294 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Instrument :
BNA_F
ClientSampleId :

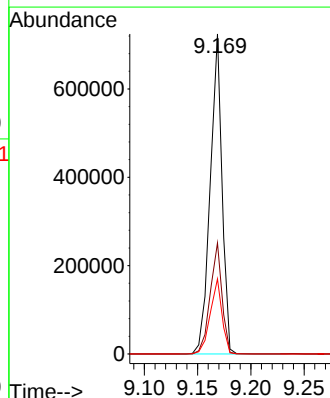
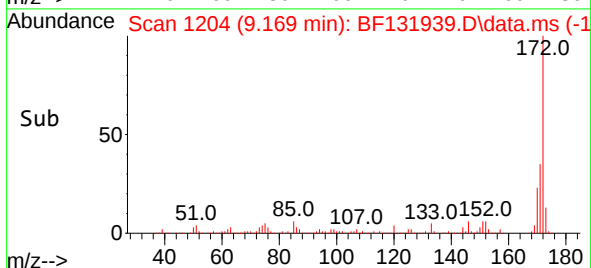
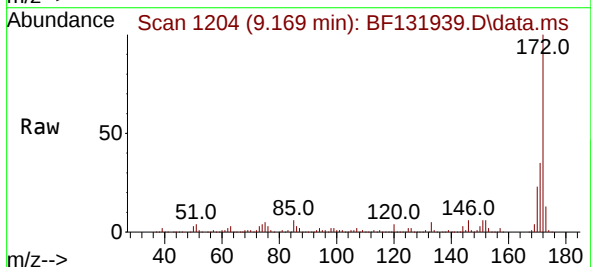


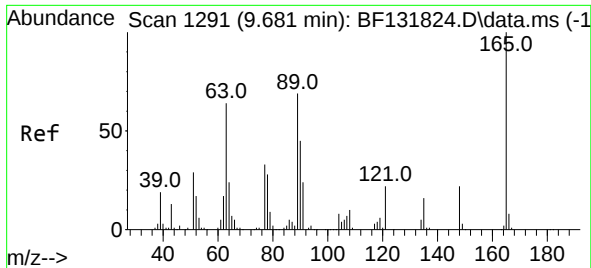
Tgt Ion:330 Resp: 107902
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 40.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 67.713 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

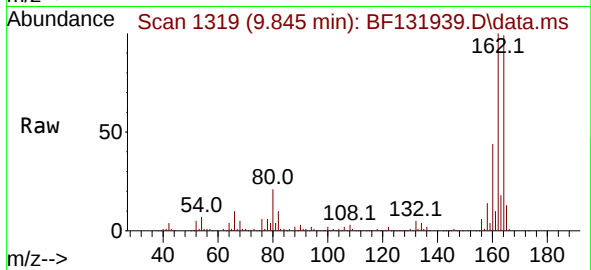
Tgt Ion:172 Resp: 562411
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.5 18.7 28.1



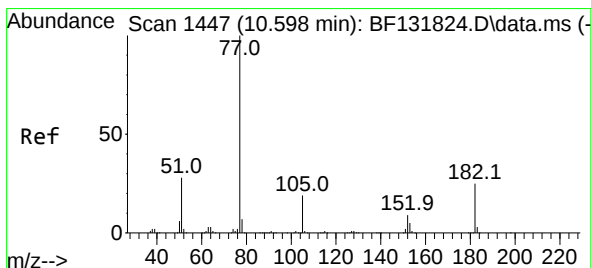
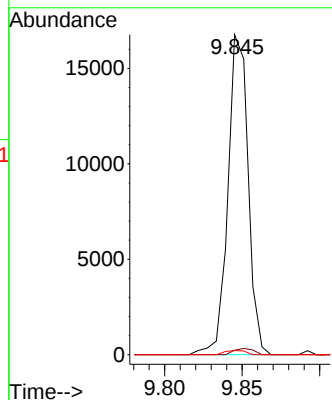
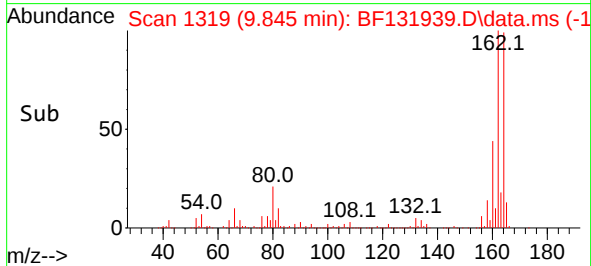


#51
2,6-Dinitrotoluene
Concen: 8.156 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Instrument :
BNA_F
ClientSampleId :

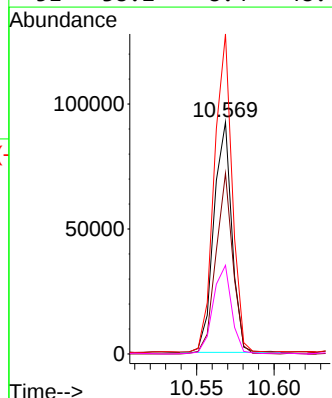
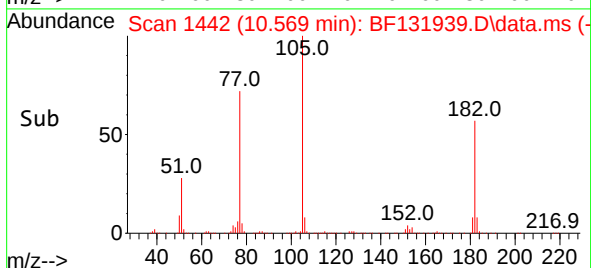
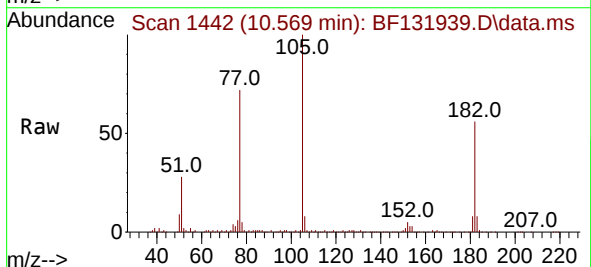


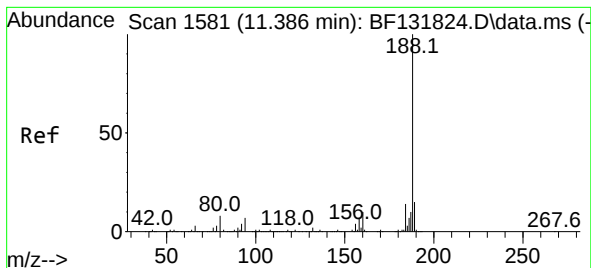
Tgt Ion:165 Resp: 15196
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 1.3 55.0 82.4#



#63
Azobenzene
Concen: 8.117 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Tgt Ion: 77 Resp: 74623
Ion Ratio Lower Upper
77 100
182 77.9 5.0 45.0#
105 138.0 0.0 39.4#
51 38.2 8.4 48.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

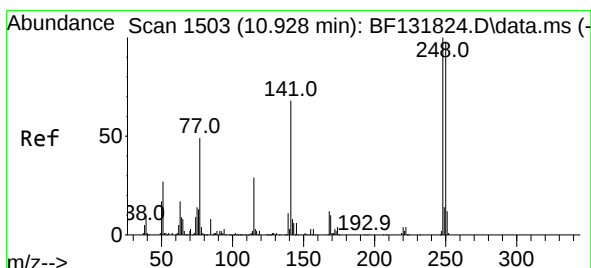
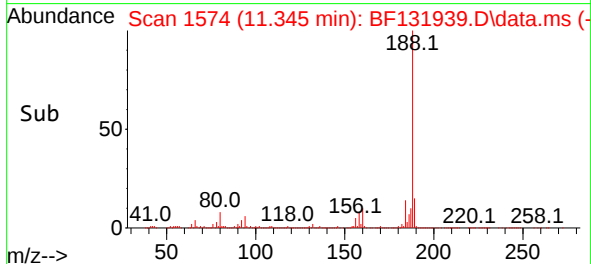
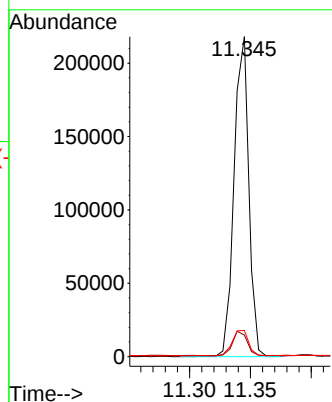
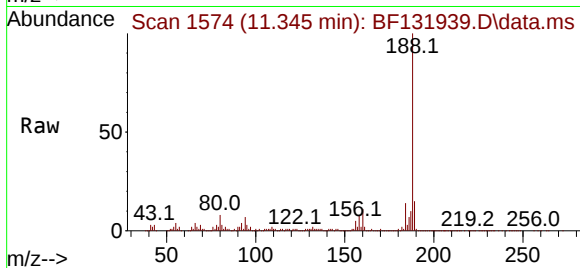
Tgt Ion:188 Resp: 182730

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 8.2 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.458 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

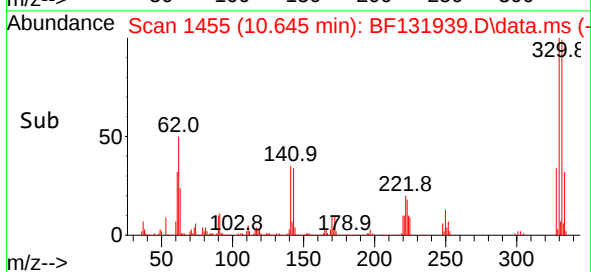
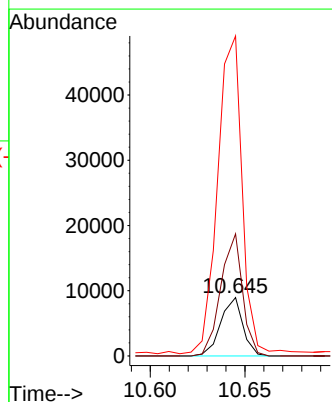
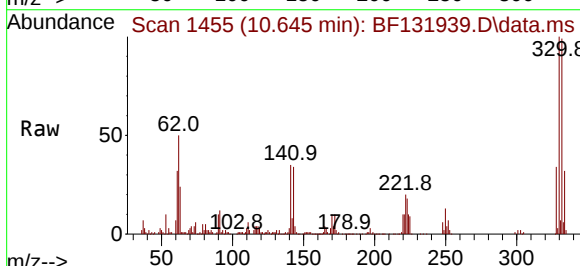
Tgt Ion:248 Resp: 7324

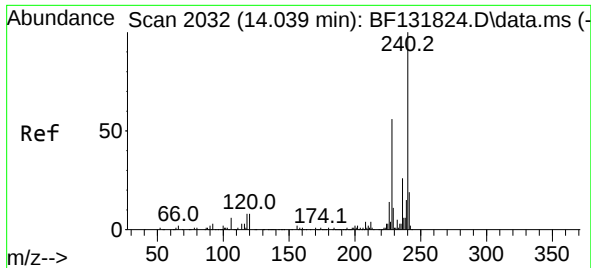
Ion Ratio Lower Upper

248 100

250 208.9 78.0 117.0#

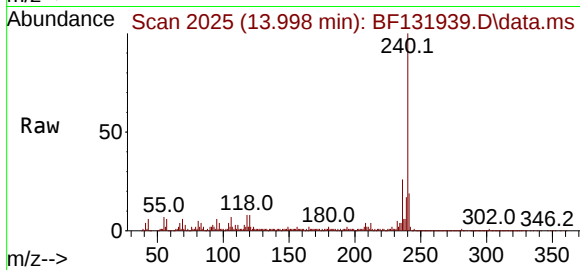
141 548.0 54.8 82.2#



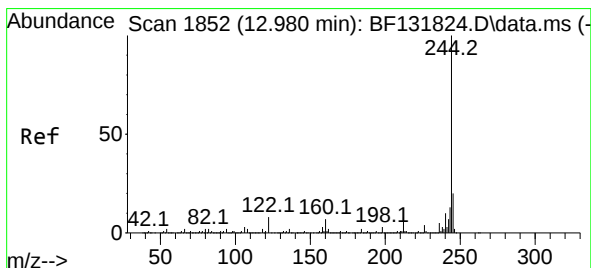
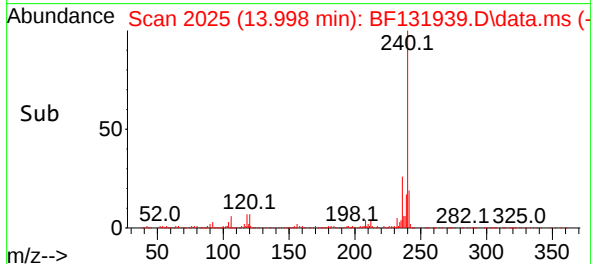
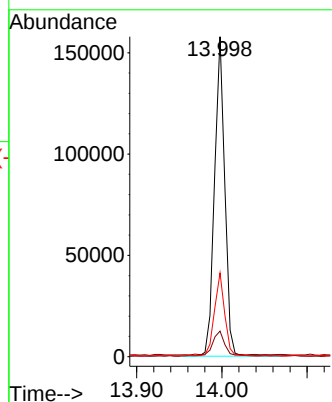


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Instrument :
BNA_F
ClientSampleId :

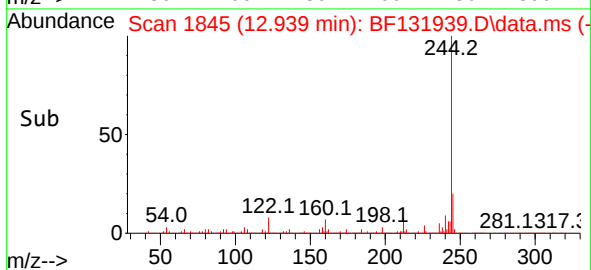
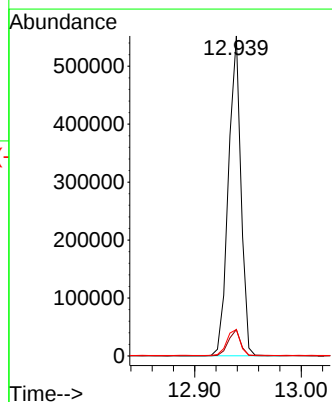
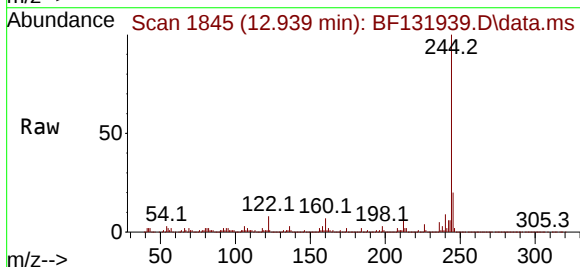


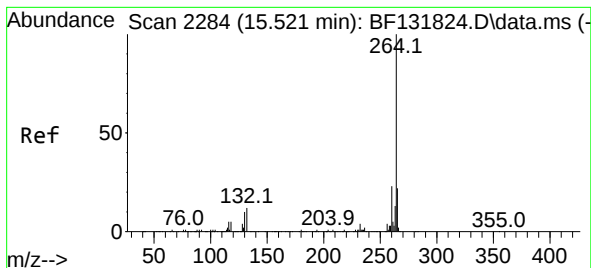
Tgt Ion:240 Resp: 132172
Ion Ratio Lower Upper
240 100
120 8.0 6.7 10.1
236 26.2 20.6 31.0



#79
Terphenyl-d14
Concen: 57.420 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF131939.D
Acq: 06 Jan 2023 13:48

Tgt Ion:244 Resp: 448669
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 8.3 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

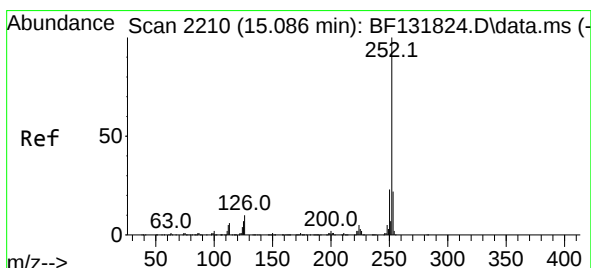
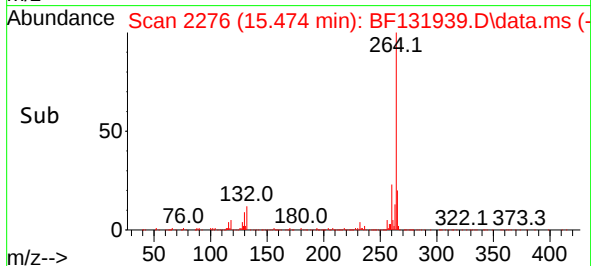
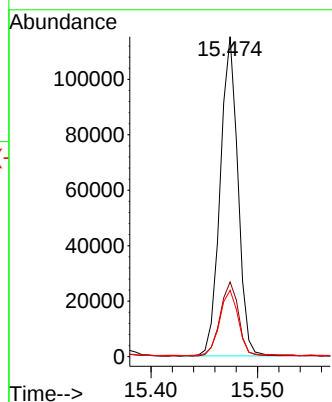
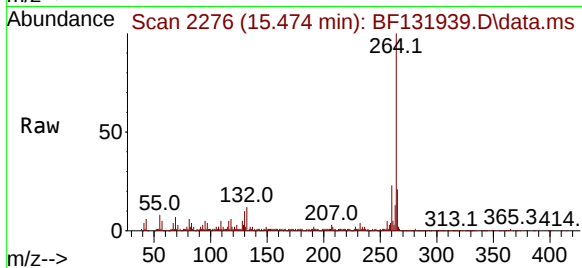
Tgt Ion:264 Resp: 132400

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 20.7 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.304 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

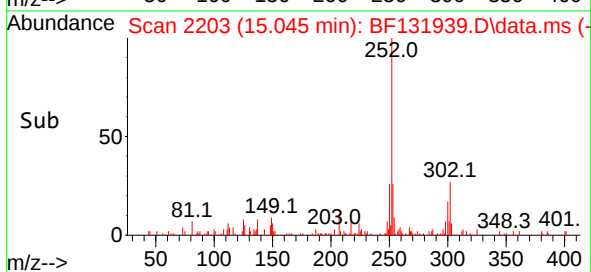
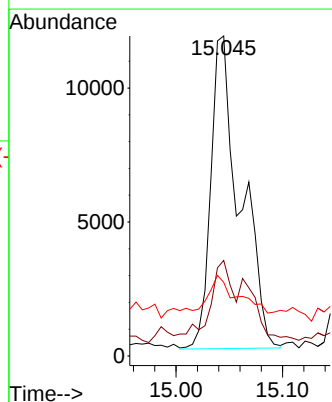
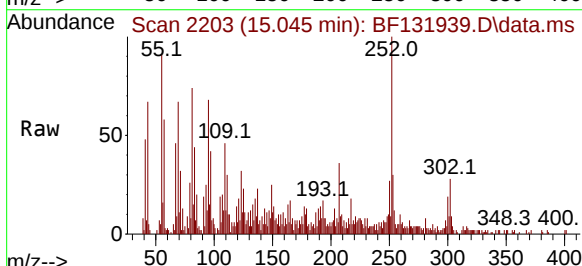
Tgt Ion:252 Resp: 22368

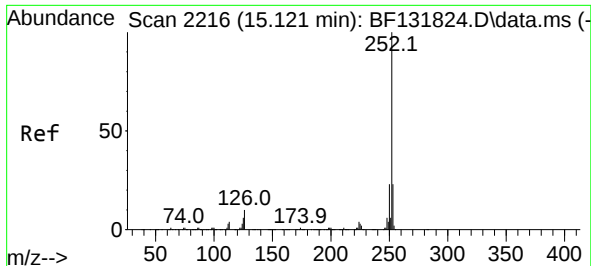
Ion Ratio Lower Upper

252 100

253 29.9 17.6 26.4#

125 23.0 5.8 8.8#





#89

Benzo(k)fluoranthene

Concen: 2.385 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Instrument :

BNA_F

ClientSampleId :

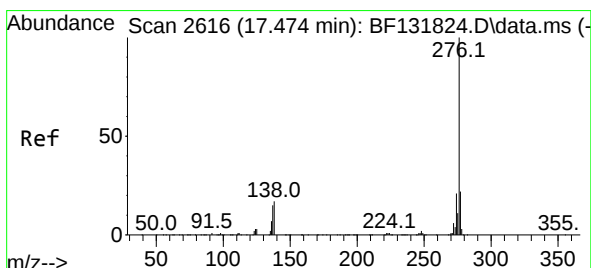
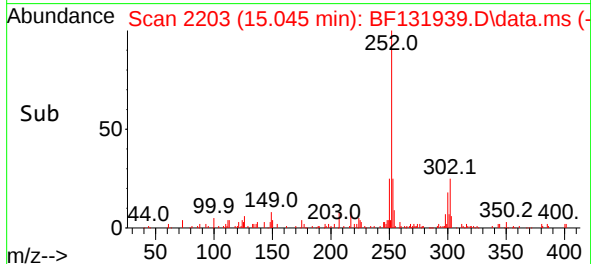
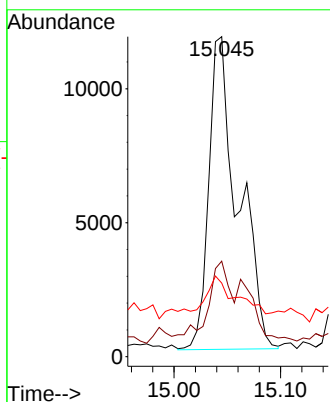
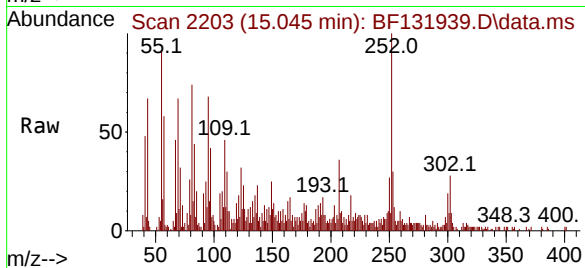
Tgt Ion:252 Resp: 22368

Ion Ratio Lower Upper

252 100

253 29.9 17.7 26.5#

125 23.0 5.4 8.0#



#92

Benzo(g,h,i)perylene

Concen: 6.070 ng

RT: 17.386 min Scan# 2601

Delta R.T. -0.012 min

Lab File: BF131939.D

Acq: 06 Jan 2023 13:48

Tgt Ion:276 Resp: 7528

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 31.2 13.7 20.5#

