

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131998.D
 Acq On : 10 Jan 2023 16:13
 Operator : CG\JU
 Sample : 01080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1-(40-42)

Quant Time: Jan 11 00:36:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

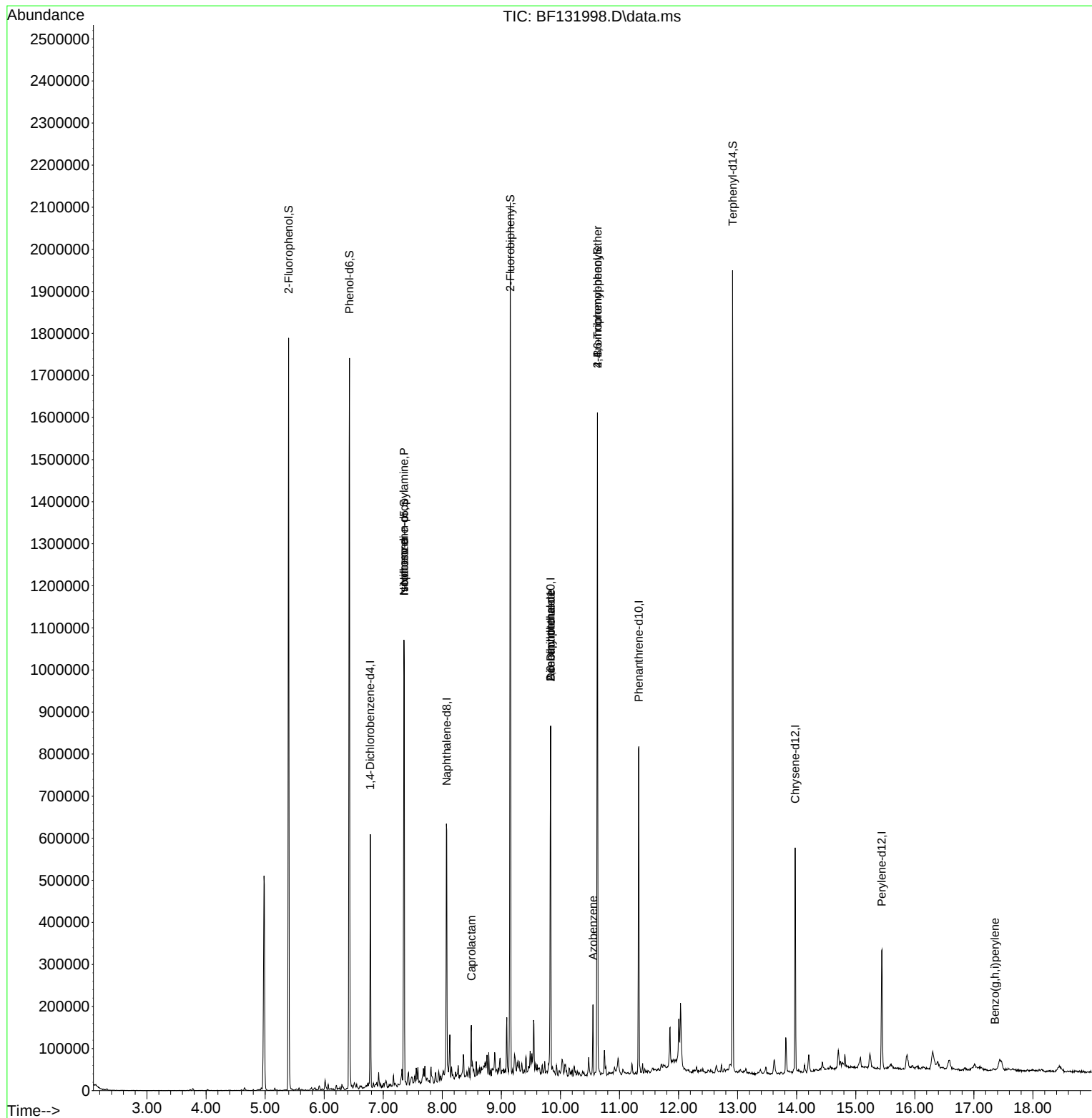
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73265	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	259482	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	152635	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	292404	20.000	ng	0.00
76) Chrysene-d12	13.974	240	167076	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	131204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	421076	94.703	ng	0.00
7) Phenol-d6	6.428	99	549623	93.232	ng	0.00
23) Nitrobenzene-d5	7.351	82	380765	60.902	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	159848	91.083	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	593530	52.494	ng	-0.01
79) Terphenyl-d14	12.916	244	603739	51.792	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	55631	13.045	ng	# 80
25) Isophorone	7.351	82	372848	31.922	ng	# 69
35) Caprolactam	8.492	113	4077	3.242	ng	# 73
50) Dimethylphthalate	9.833	163	31774	2.671	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	20469	8.180	ng	# 22
63) Azobenzene	10.551	77	28320	2.282	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	11049	3.021	ng	# 1
92) Benzo(g,h,i)perylene	17.356	276	123	3.541	ng	# 58

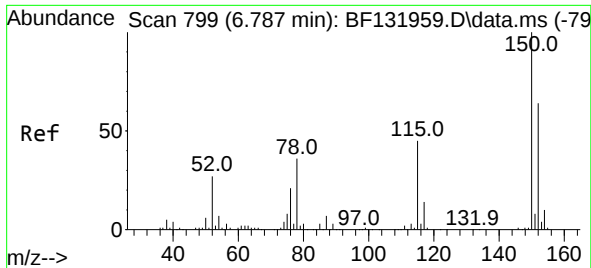
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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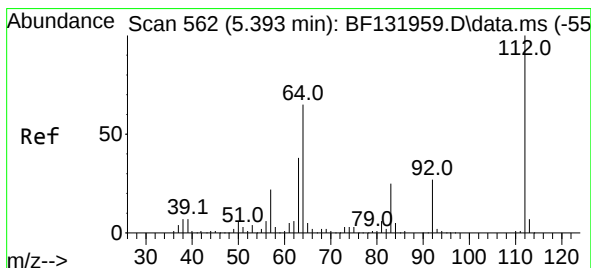
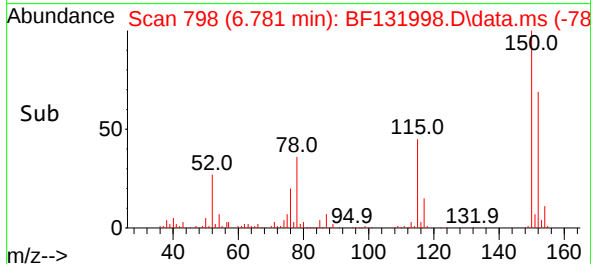
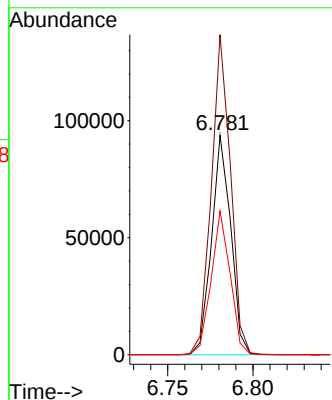
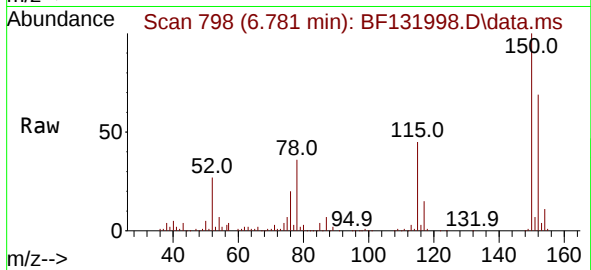




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131998.D
 Acq: 10 Jan 2023 16:13

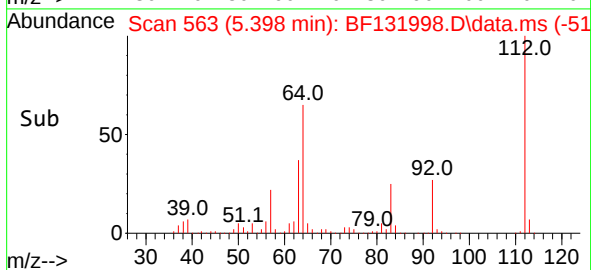
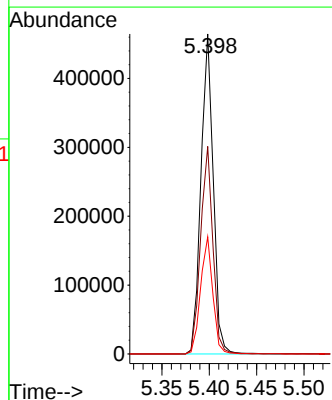
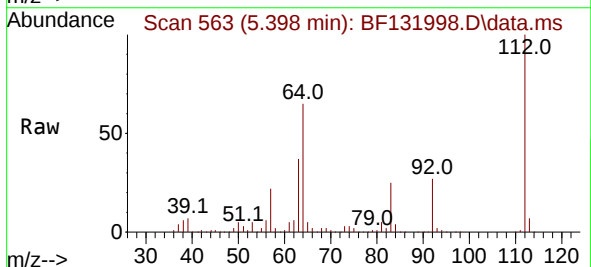
Instrument :
 BNA_F
 ClientSampleId :
 B-1-(40-42)

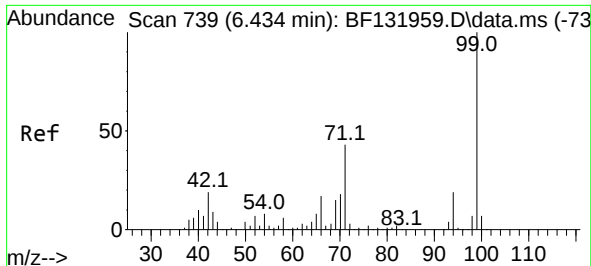
Tgt Ion:152 Resp: 73265
 Ion Ratio Lower Upper
 152 100
 150 145.8 124.6 186.8
 115 65.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 94.703 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF131998.D
 Acq: 10 Jan 2023 16:13

Tgt Ion:112 Resp: 421076
 Ion Ratio Lower Upper
 112 100
 64 64.9 51.9 77.9
 63 36.6 30.2 45.2

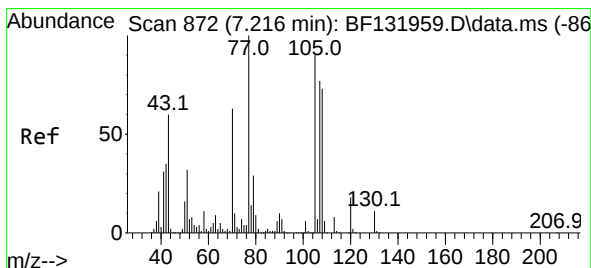
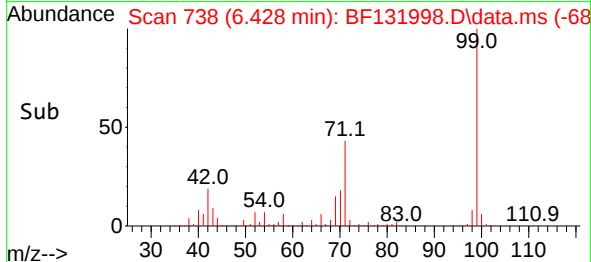
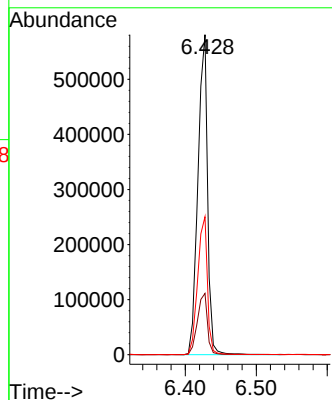
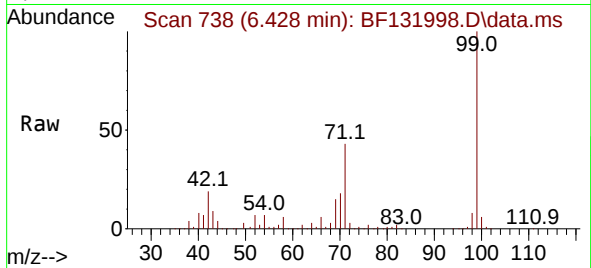




#7
Phenol-d6
Concen: 93.232 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

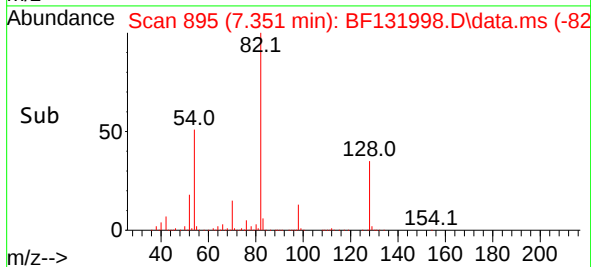
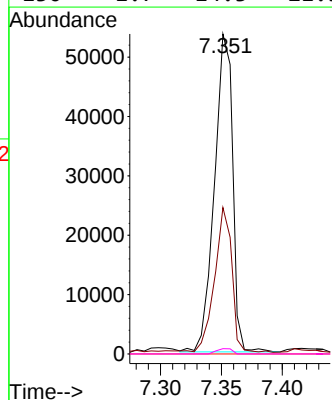
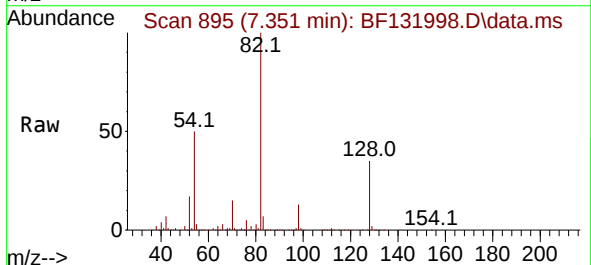
Instrument :
BNA_F
ClientSampleId :
B-1-(40-42)

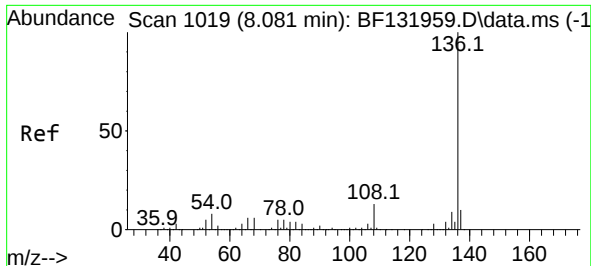
Tgt Ion: 99 Resp: 549623
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.2
71 43.1 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.045 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 70 Resp: 55631
Ion Ratio Lower Upper
70 100
42 45.8 44.3 66.5
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#



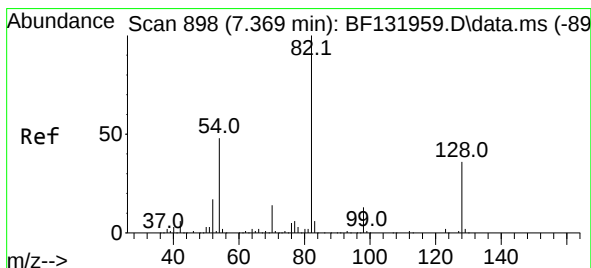
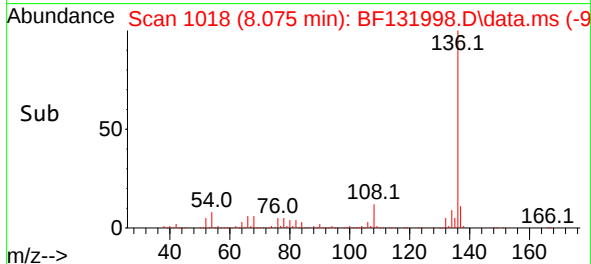
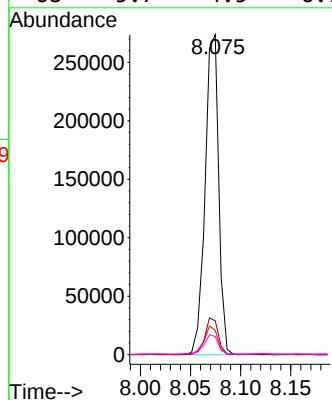
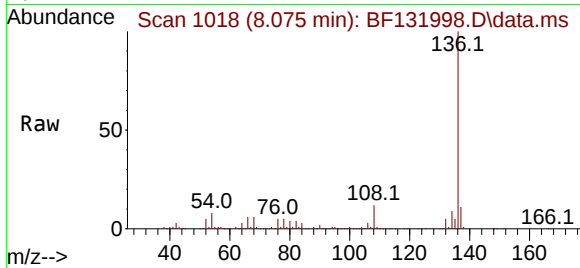


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Instrument :
BNA_F
ClientSampleId :
B-1-(40-42)

Tgt Ion:136 Resp: 259482

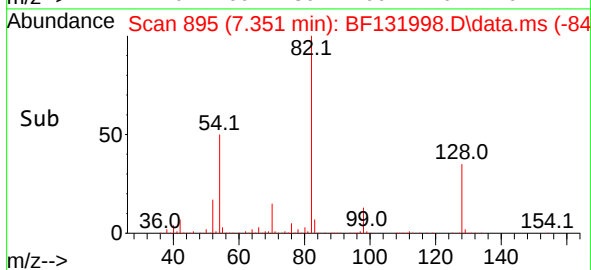
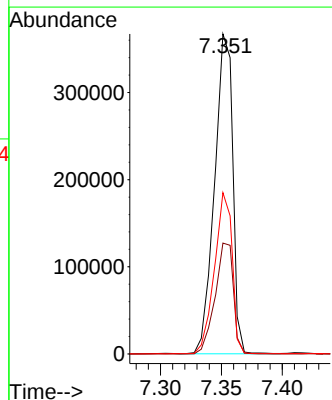
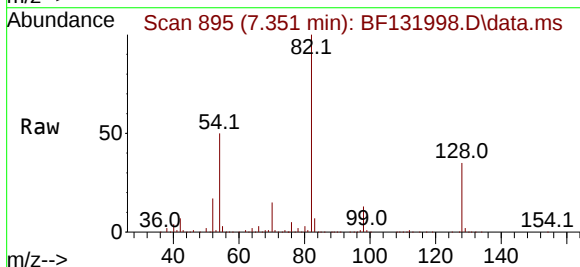
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	7.6	6.6	9.8
68	5.7	4.5	6.7

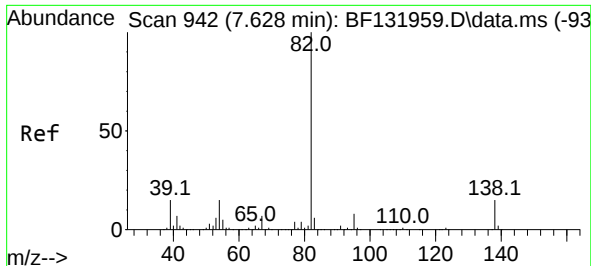


#23
Nitrobenzene-d5
Concen: 60.902 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 82 Resp: 380765

Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.7	43.1
54	50.4	38.1	57.1

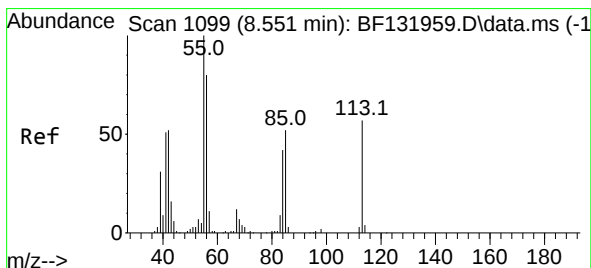
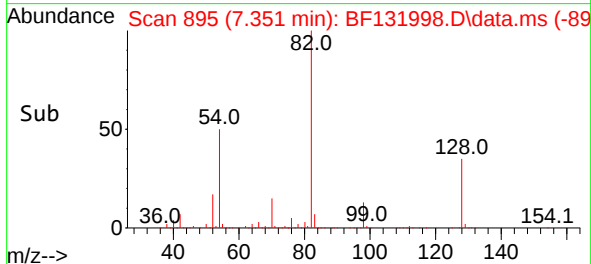
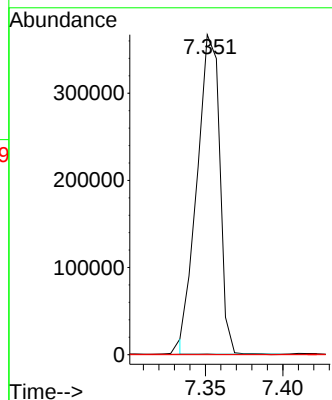
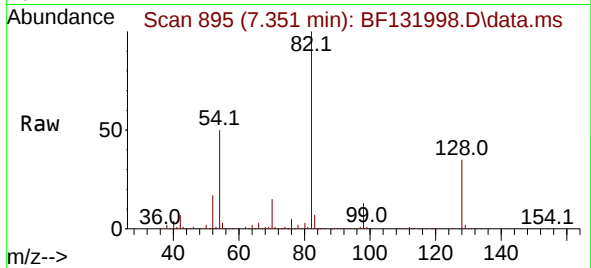




#25
Isophorone
Concen: 31.922 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.277 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

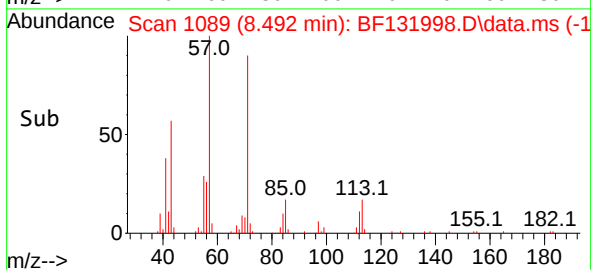
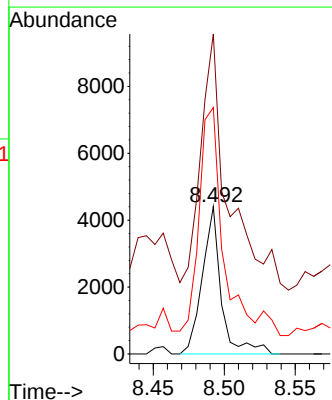
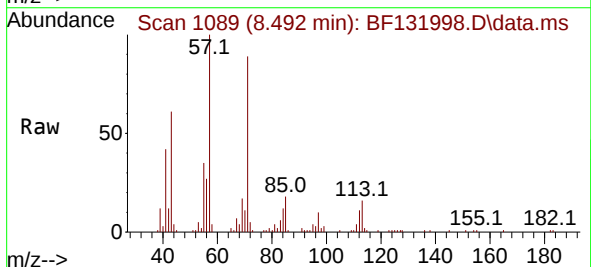
Instrument :
BNA_F
ClientSampleId :
B-1-(40-42)

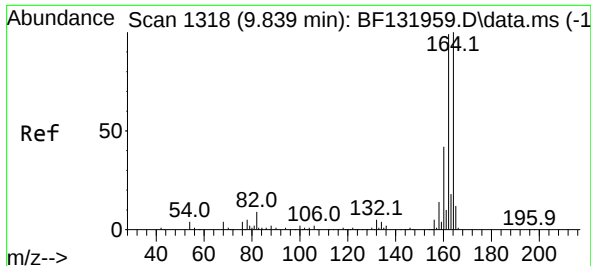
Tgt Ion: 82 Resp: 372848
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 11.9 17.9#



#35
Caprolactam
Concen: 3.242 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.059 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 113 Resp: 4077
Ion Ratio Lower Upper
113 100
55 217.2 154.4 194.4#
56 167.2 119.6 159.6#

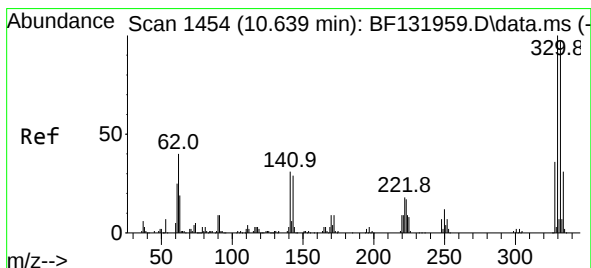
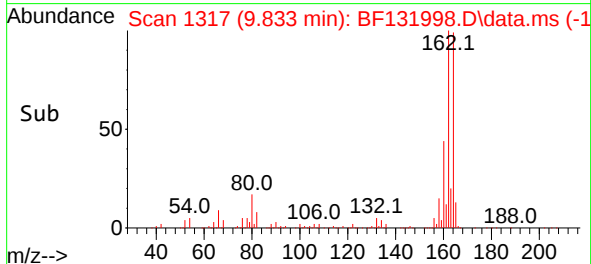
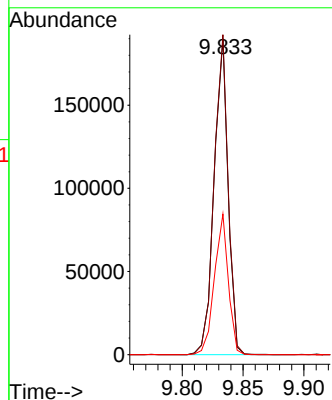
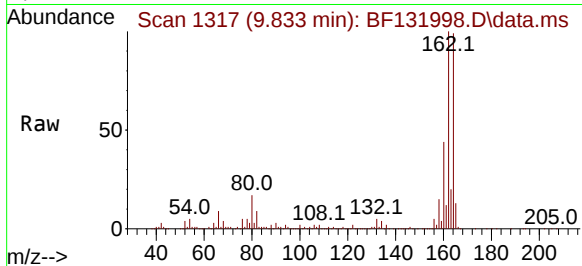




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

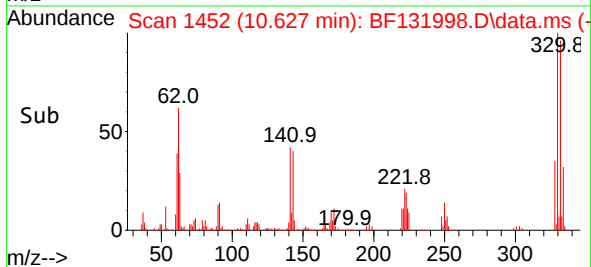
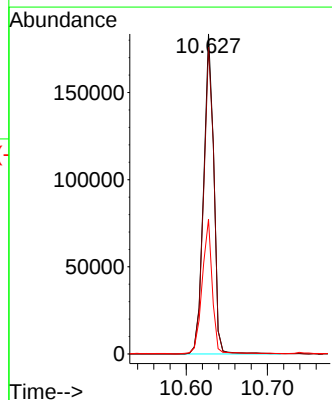
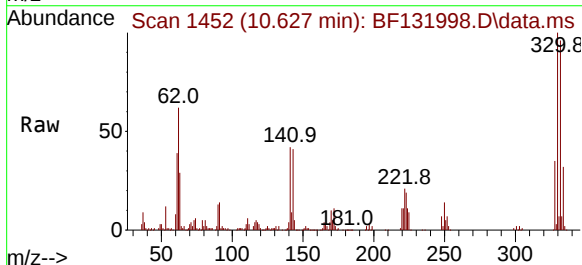
Instrument :
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ClientSampleId :
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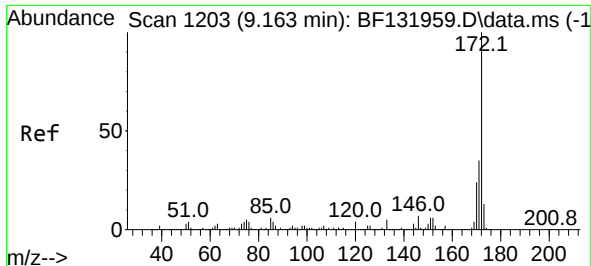
Tgt Ion:164 Resp: 152635
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.5 33.9 50.9



#42
2,4,6-Tribromophenol
Concen: 91.083 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion:330 Resp: 159848
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 42.1 31.3 46.9





#45

2-Fluorobiphenyl

Concen: 52.494 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Instrument :

BNA_F

ClientSampleId :

B-1-(40-42)

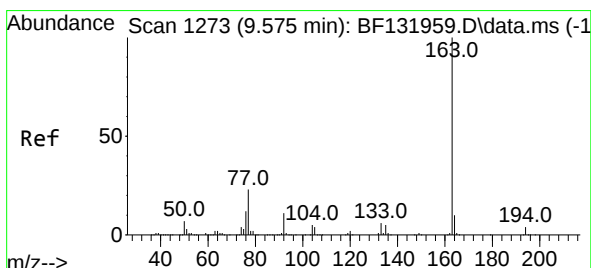
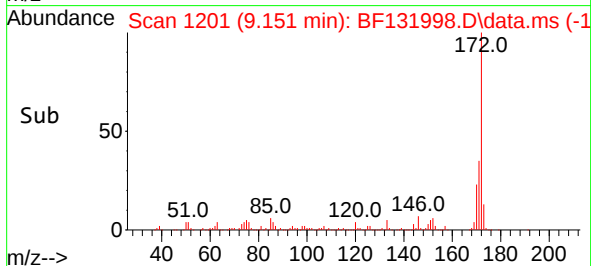
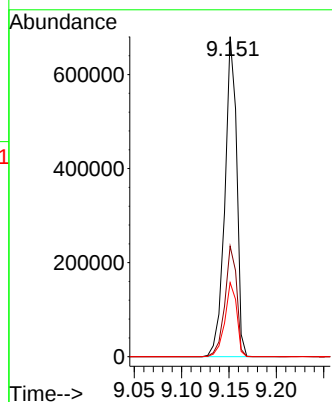
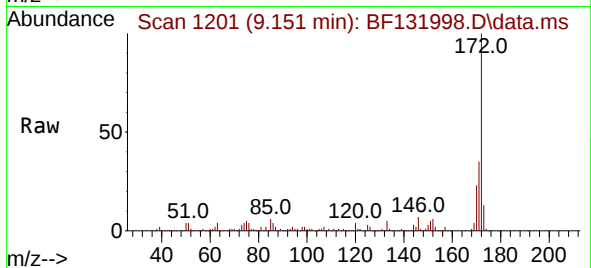
Tgt Ion:172 Resp: 593530

Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 23.2 18.9 28.3



#50

Dimethylphthalate

Concen: 2.671 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.259 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

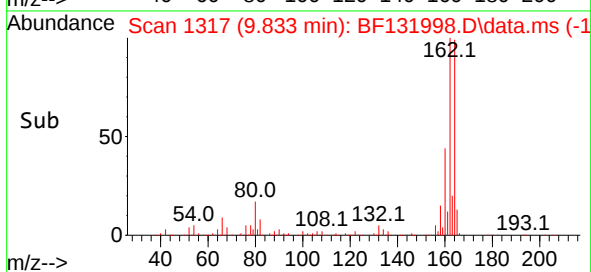
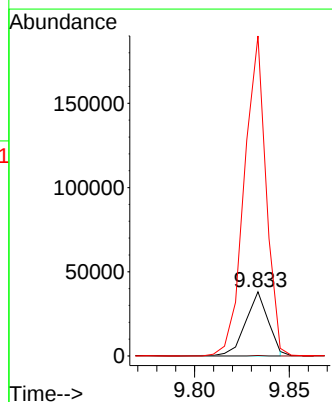
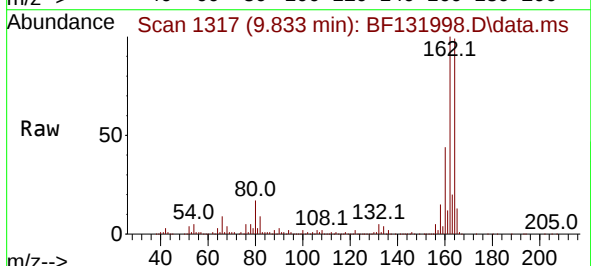
Tgt Ion:163 Resp: 31774

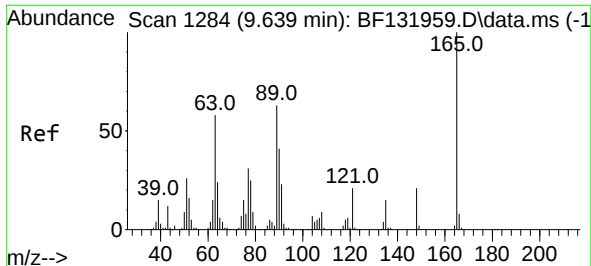
Ion Ratio Lower Upper

163 100

194 0.8 3.1 4.7#

164 498.3 7.8 11.6#

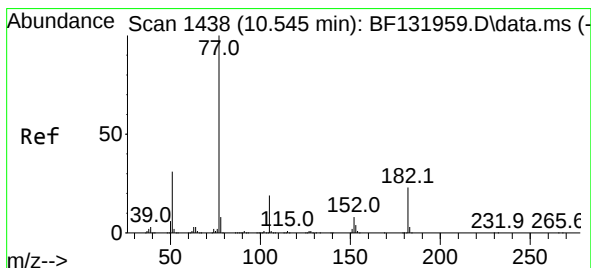
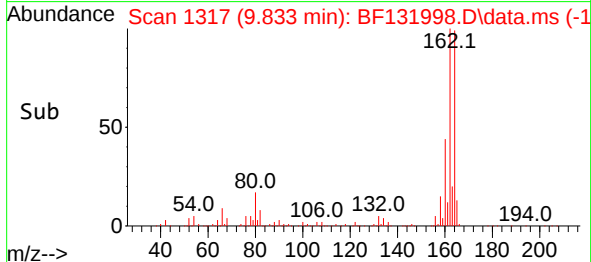
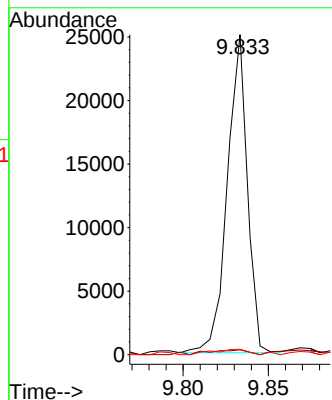
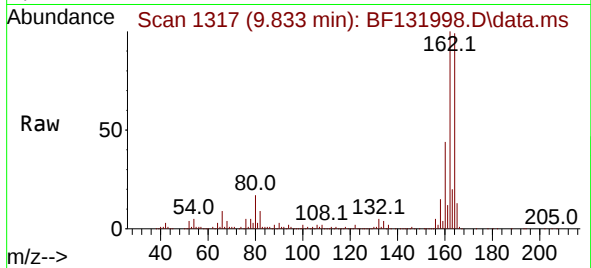




#51
2,6-Dinitrotoluene
Concen: 8.180 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

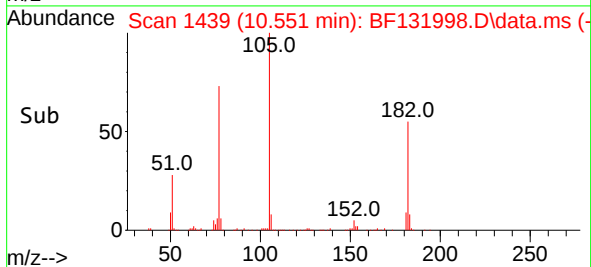
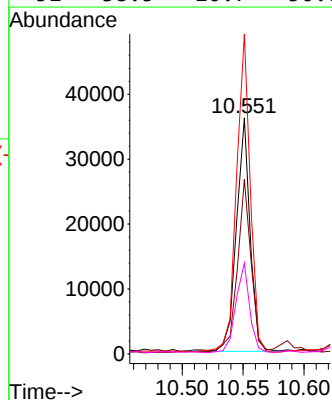
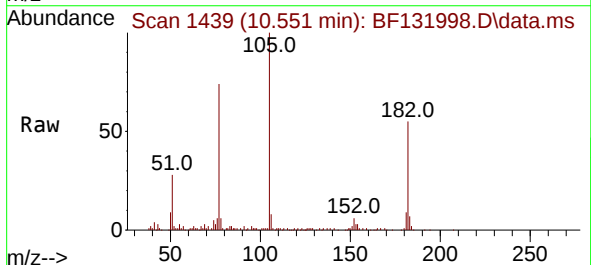
Instrument :
BNA_F
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B-1-(40-42)

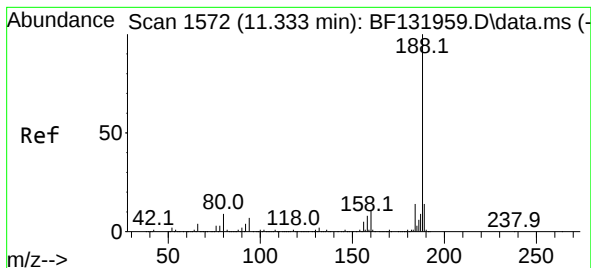
Tgt Ion:165 Resp: 20469
Ion Ratio Lower Upper
165 100
63 1.5 47.4 71.0#
89 1.7 50.2 75.2#



#63
Azobenzene
Concen: 2.282 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 77 Resp: 28320
Ion Ratio Lower Upper
77 100
182 73.9 2.9 42.9#
105 135.5 0.0 39.3#
51 38.5 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Instrument :

BNA_F

ClientSampleId :

B-1-(40-42)

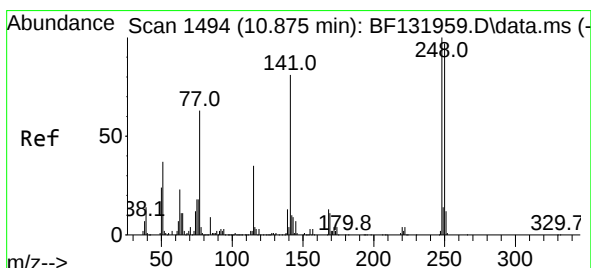
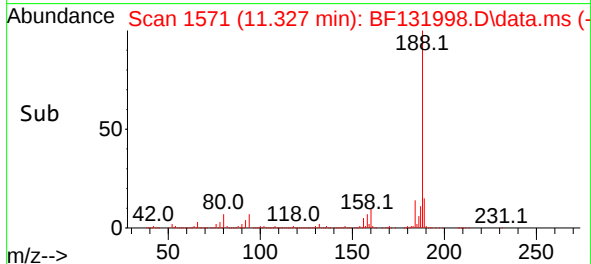
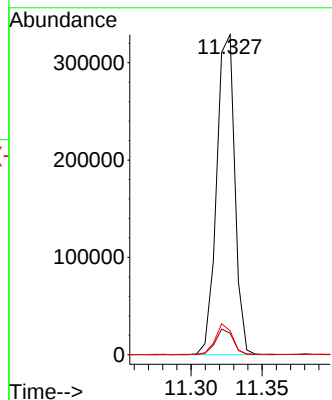
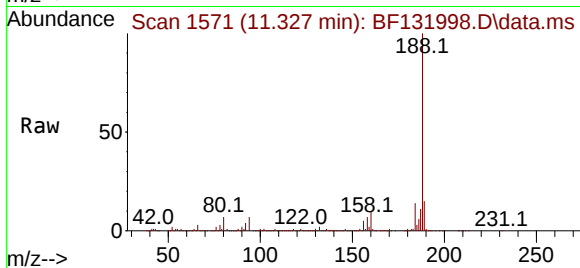
Tgt Ion:188 Resp: 292404

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.4 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 3.021 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.247 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

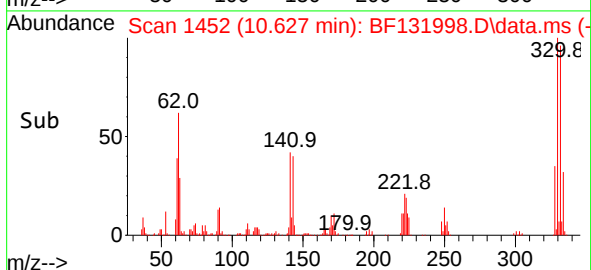
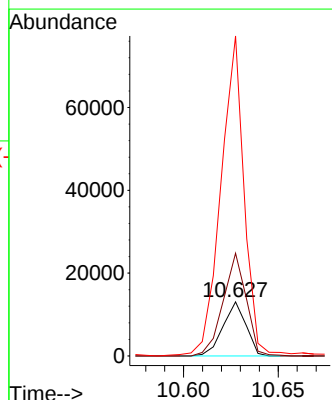
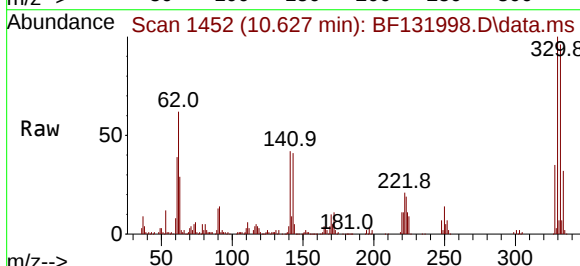
Tgt Ion:248 Resp: 11049

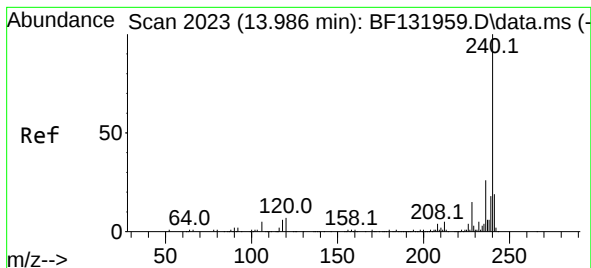
Ion Ratio Lower Upper

248 100

250 189.8 77.4 116.2#

141 591.1 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Instrument :

BNA_F

ClientSampleId :

B-1-(40-42)

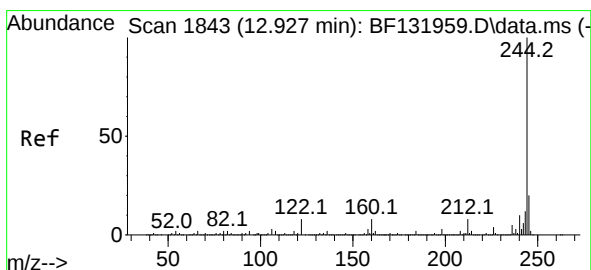
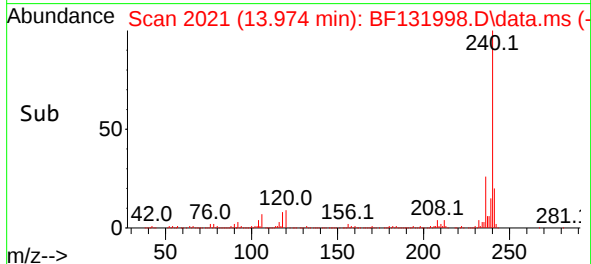
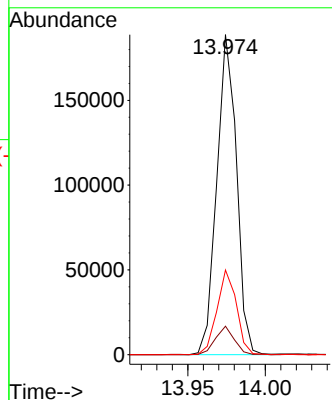
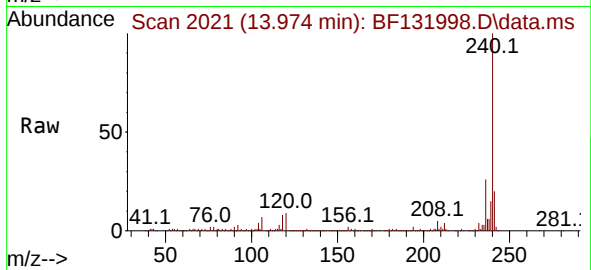
Tgt Ion:240 Resp: 167076

Ion Ratio Lower Upper

240 100

120 8.9 5.4 8.0#

236 26.5 21.1 31.7



#79

Terphenyl-d14

Concen: 51.792 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

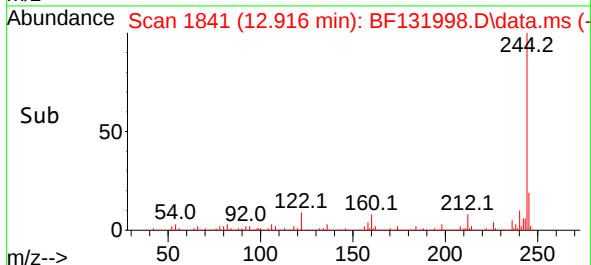
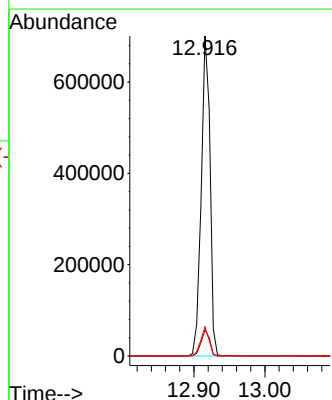
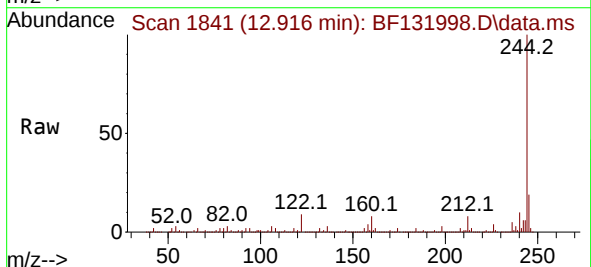
Tgt Ion:244 Resp: 603739

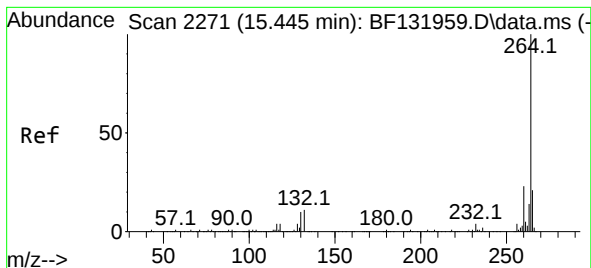
Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.1 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Instrument :

BNA_F

ClientSampleId :

B-1-(40-42)

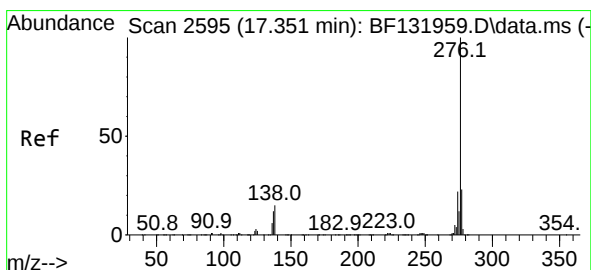
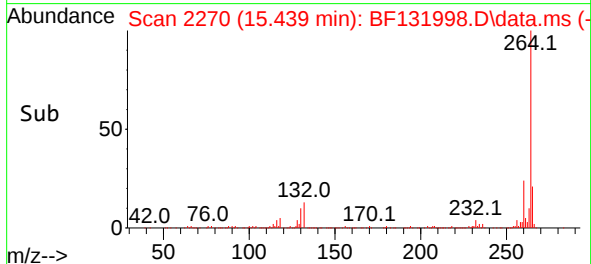
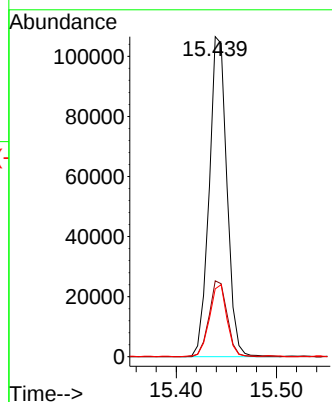
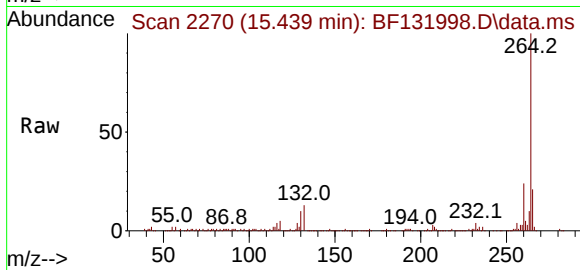
Tgt Ion:264 Resp: 131204

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.2 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.541 ng

RT: 17.356 min Scan# 2596

Delta R.T. 0.005 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Tgt Ion:276 Resp: 123

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

