

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131943.D
 Acq On : 06 Jan 2023 15:57
 Operator : CG\JU
 Sample : N6244-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:22:13 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)

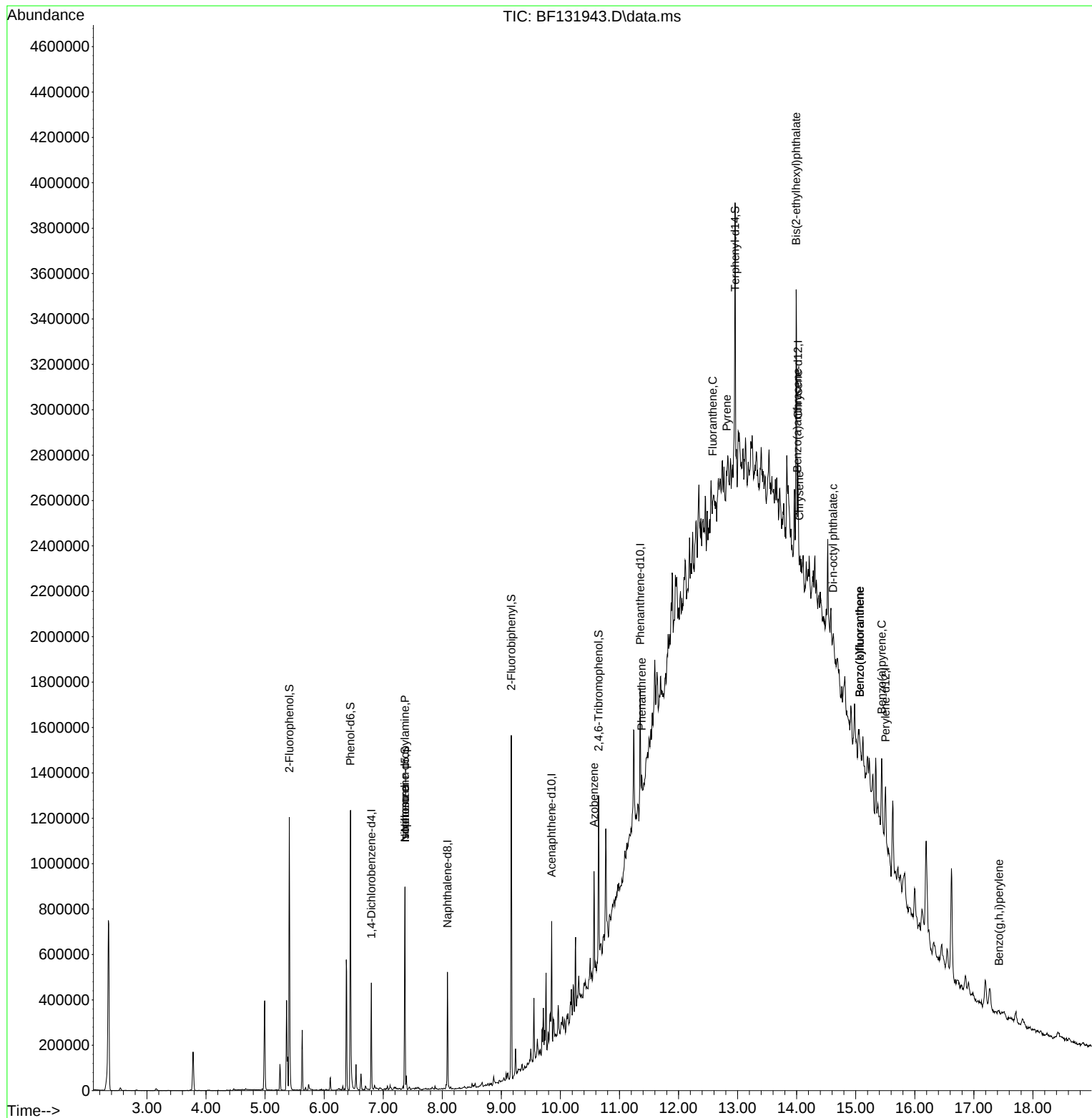
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	54602	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	188034	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	90001	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	144422	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	112036	20.000	ng	# 0.02
86) Perylene-d12	15.504	264	84620	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	285140	86.543	ng	0.01
7) Phenol-d6	6.446	99	371696	85.867	ng	0.00
23) Nitrobenzene-d5	7.369	82	264622	56.188	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	70501	72.097	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	387756	59.013	ng	0.00
79) Terphenyl-d14	12.957	244	349690	52.796	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	39081	12.783	ng	# 77
25) Isophorone	7.369	82	263702	34.286	ng	# 69
63) Azobenzene	10.569	77	87436	12.022	ng	# 1
71) Phenanthrene	11.375	178	20845	2.625	ng	# 68
75) Fluoranthene	12.580	202	27150	2.935	ng	# 64
78) Pyrene	12.816	202	31679	3.374	ng	# 66
81) Benzo(a)anthracene	14.010	228	16524	2.037	ng	# 44
83) Chrysene	14.045	228	16236	2.130	ng	# 52
84) Bis(2-ethylhexyl)phtha...	13.992	149	376641	88.812	ng	# 99
85) Di-n-octyl phthalate	14.616	149	45528	7.975	ng	# 74
88) Benzo(b)fluoranthene	15.068	252	25655	4.135	ng	# 1
89) Benzo(k)fluoranthene	15.068	252	25655	4.279	ng	# 1
90) Benzo(a)pyrene	15.439	252	12922	2.690	ng	# 16
92) Benzo(g,h,i)perylene	17.427	276	9980	6.954	ng	# 81

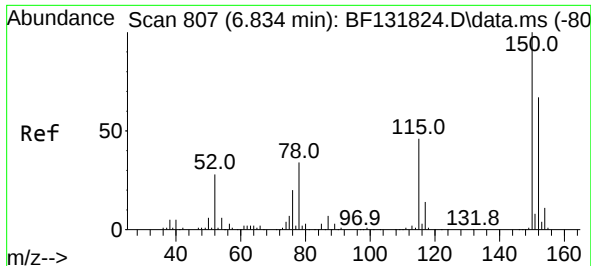
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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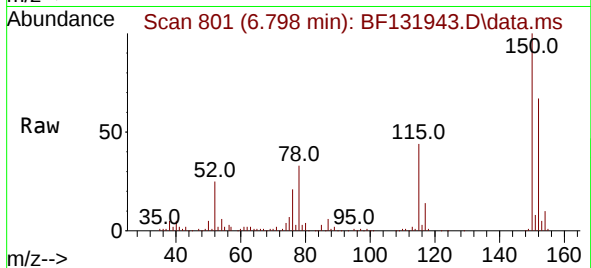
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
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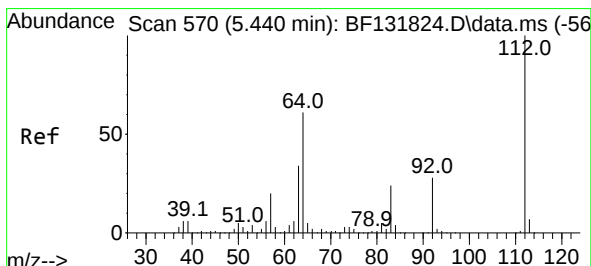
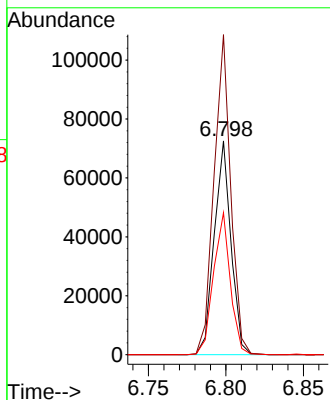
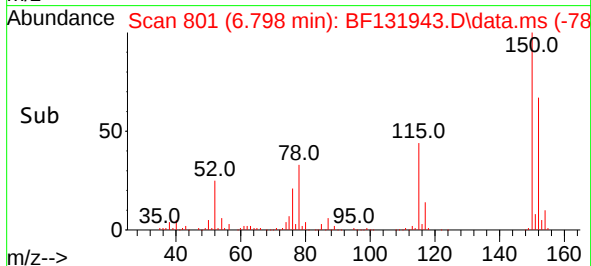


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131943.D
 Acq: 06 Jan 2023 15:57

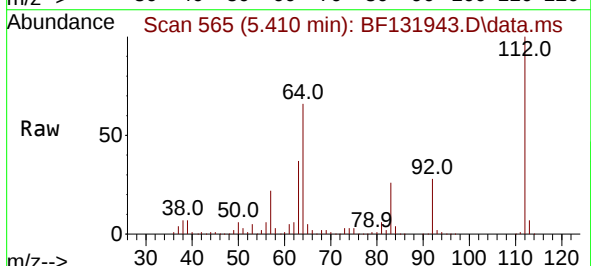
Instrument :
 BNA_F
 ClientSampleId :



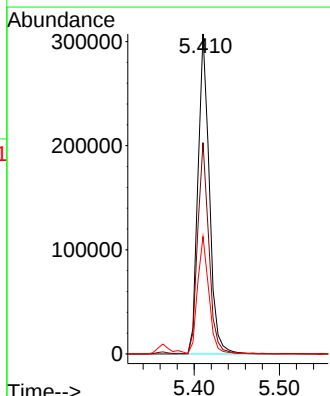
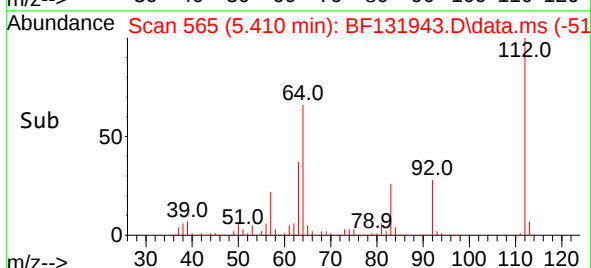
Tgt Ion:152 Resp: 54602
 Ion Ratio Lower Upper
 152 100
 150 149.7 120.0 180.0
 115 66.4 55.1 82.7

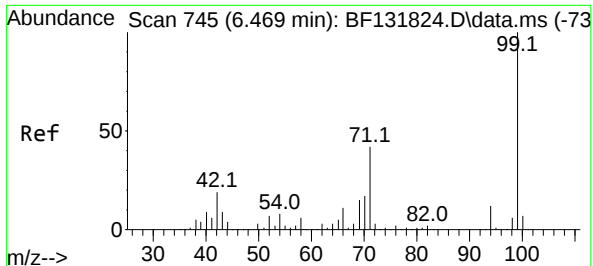


#5
 2-Fluorophenol
 Concen: 86.543 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF131943.D
 Acq: 06 Jan 2023 15:57



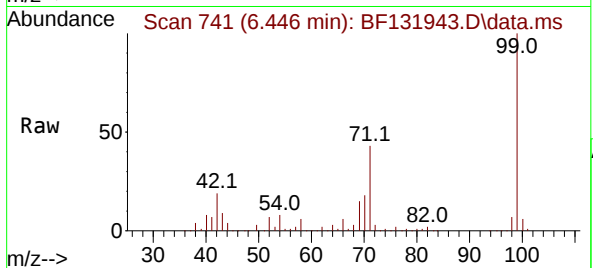
Tgt Ion:112 Resp: 285140
 Ion Ratio Lower Upper
 112 100
 64 66.0 49.2 73.8
 63 36.7 27.5 41.3



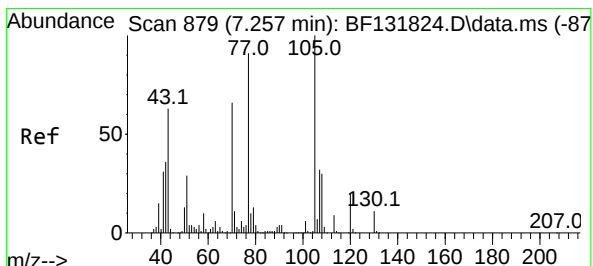
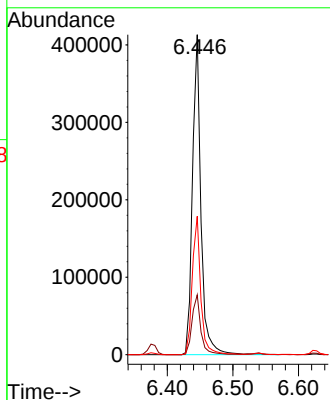
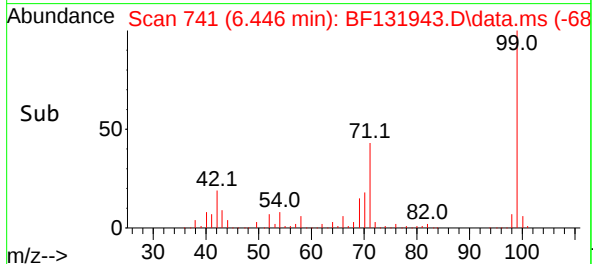


#7
Phenol-d6
Concen: 85.867 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

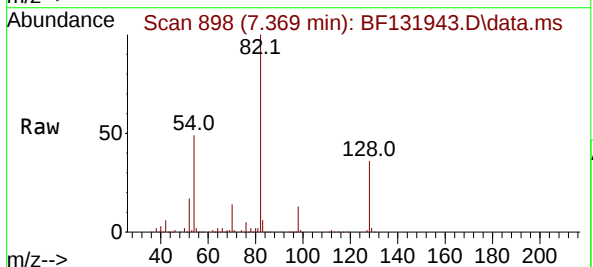
Instrument :
BNA_F
ClientSampleId :



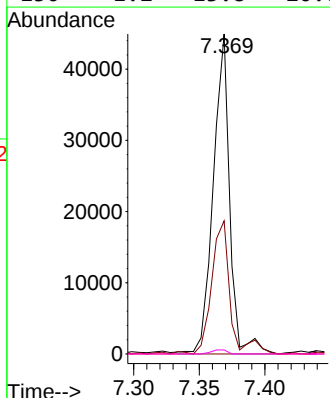
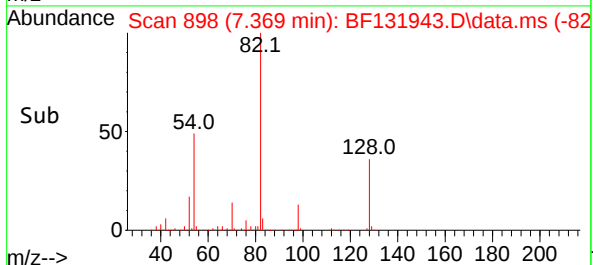
Tgt Ion: 99 Resp: 371696
Ion Ratio Lower Upper
99 100
42 18.7 15.3 22.9
71 43.2 33.5 50.3

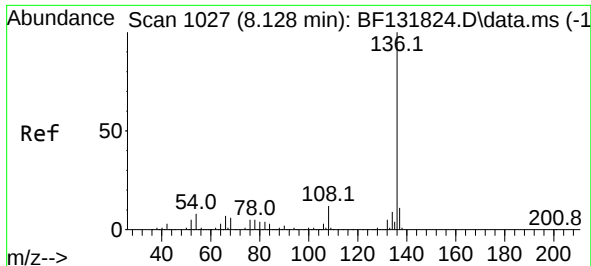


#19
n-Nitroso-di-n-propylamine
Concen: 12.783 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57



Tgt Ion: 70 Resp: 39081
Ion Ratio Lower Upper
70 100
42 41.6 43.8 65.6#
101 0.0 7.4 11.0#
130 1.2 13.8 20.6#



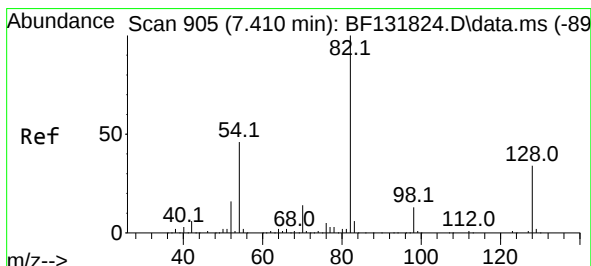
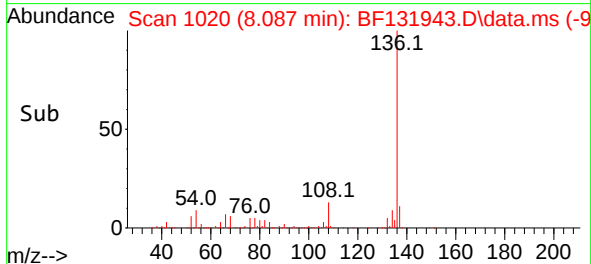
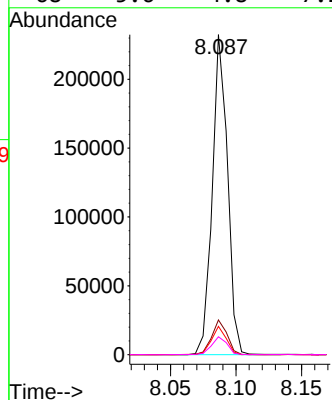
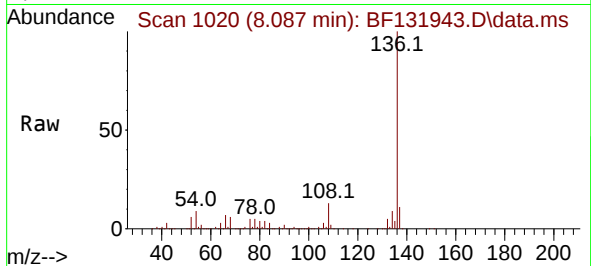


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 188034

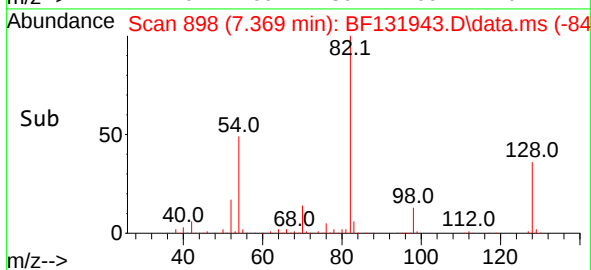
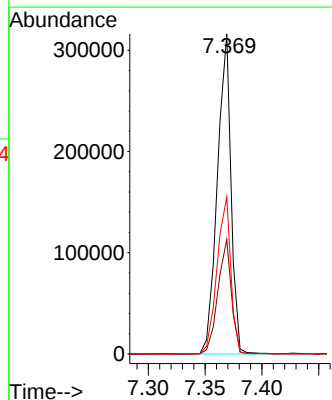
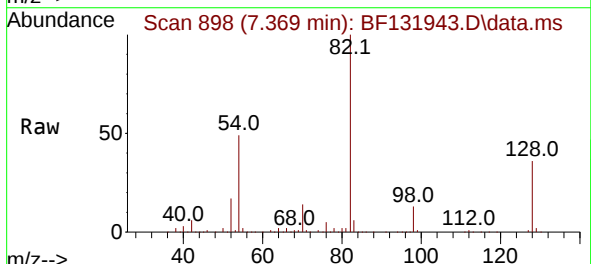
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.9	6.7	10.1
68	5.6	4.8	7.2

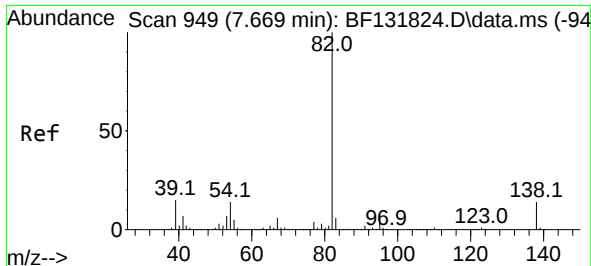


#23
Nitrobenzene-d5
Concen: 56.188 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

Tgt Ion: 82 Resp: 264622

Ion	Ratio	Lower	Upper
82	100		
128	35.8	27.1	40.7
54	49.0	37.0	55.6

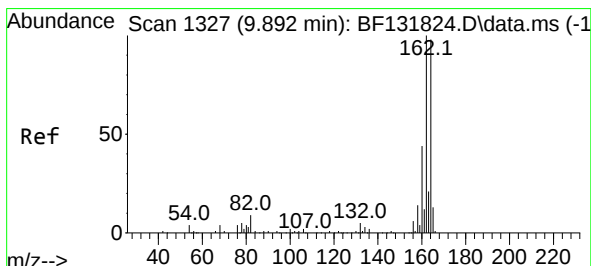
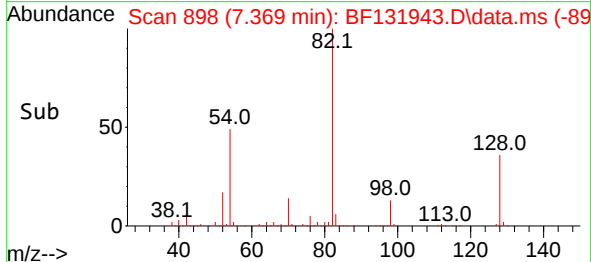
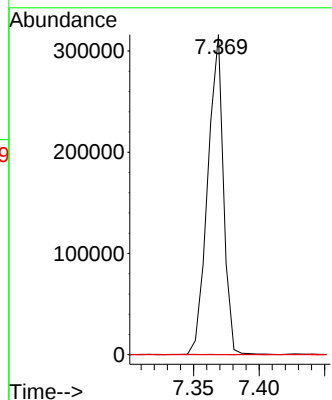
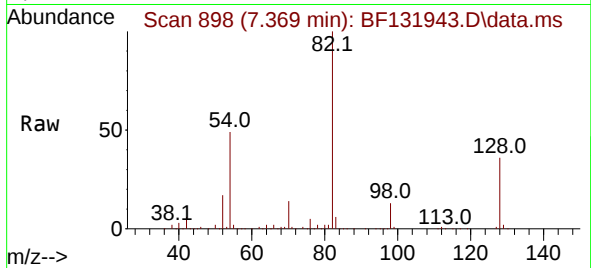




#25
Isophorone
Concen: 34.286 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

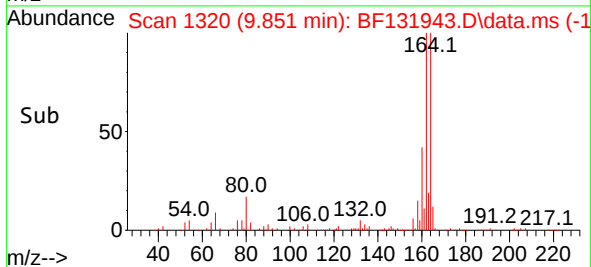
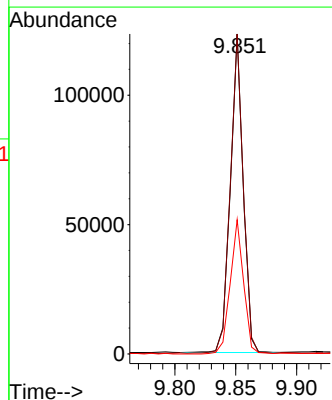
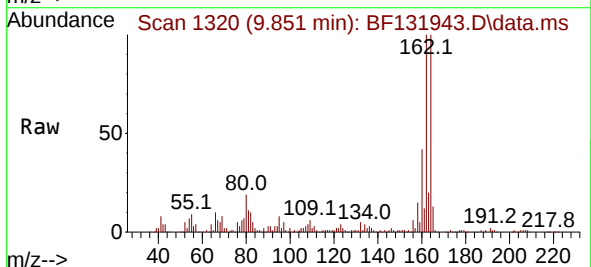
Instrument :
BNA_F
ClientSampleId :

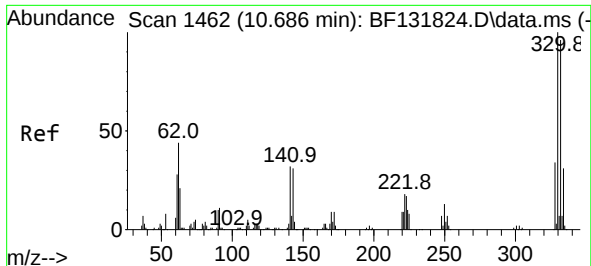
Tgt Ion: 82 Resp: 263702
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

Tgt Ion:164 Resp: 90001
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.6
160 41.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 72.097 ng

RT: 10.645 min Scan# 1462

Delta R.T. 0.000 min

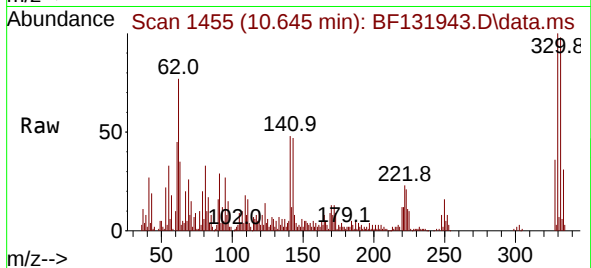
Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Instrument :

BNA_F

ClientSampleId :



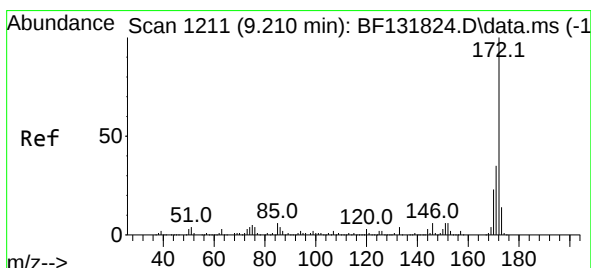
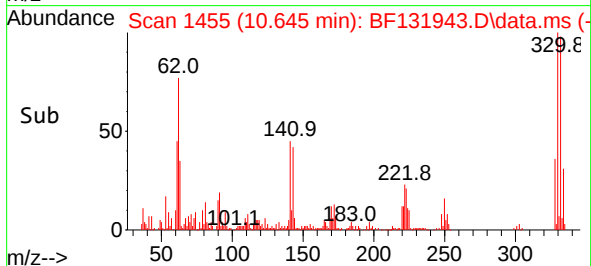
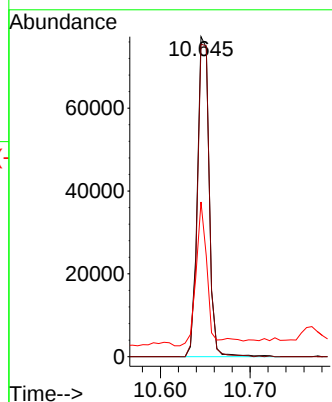
Tgt Ion:330 Resp: 70501

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 41.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 59.013 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

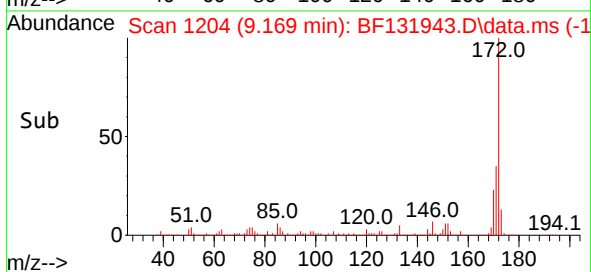
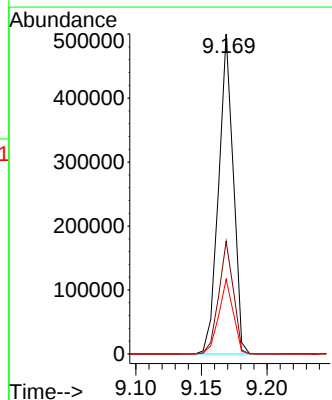
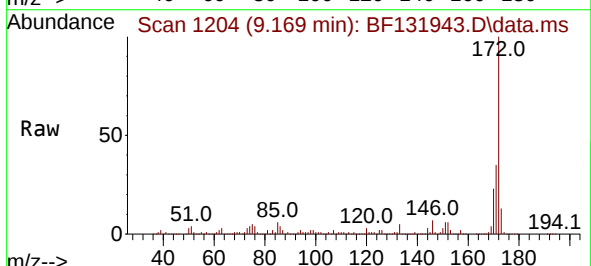
Tgt Ion:172 Resp: 387756

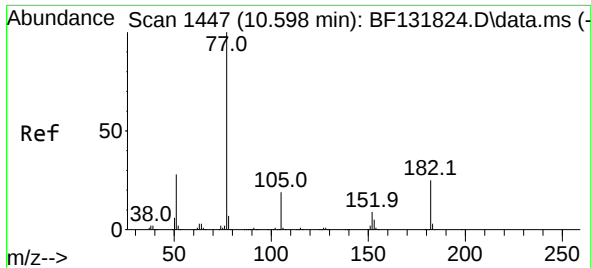
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.4 18.7 28.1

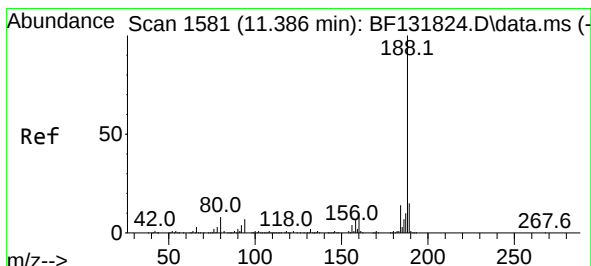
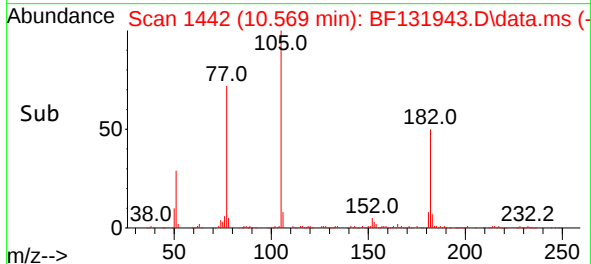
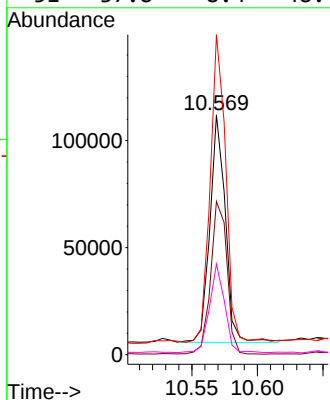
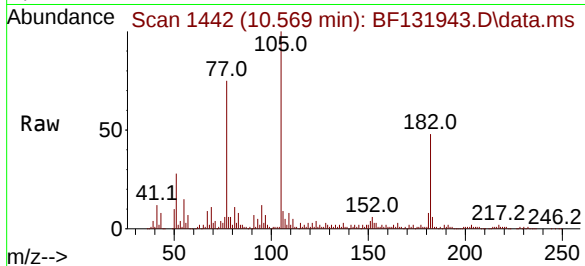




#63
Azobenzene
Concen: 12.022 ng
RT: 10.569 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

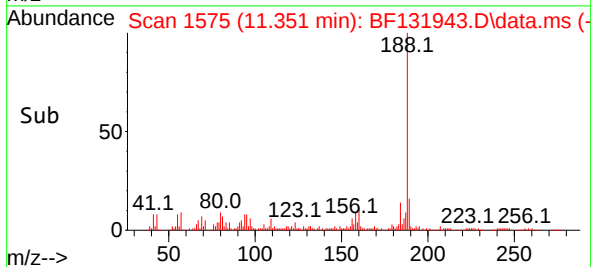
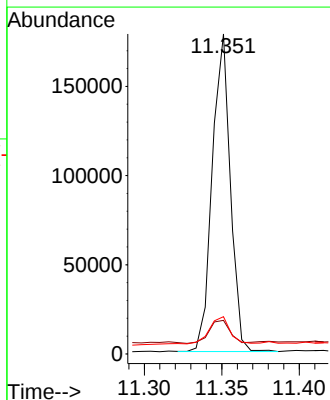
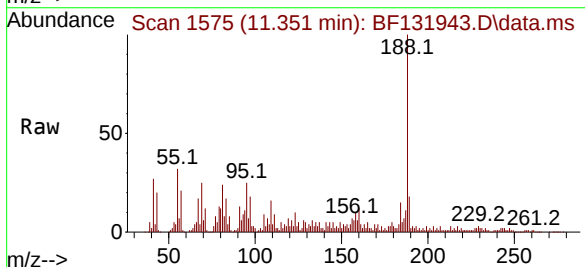
Instrument :
BNA_F
ClientSampleId :

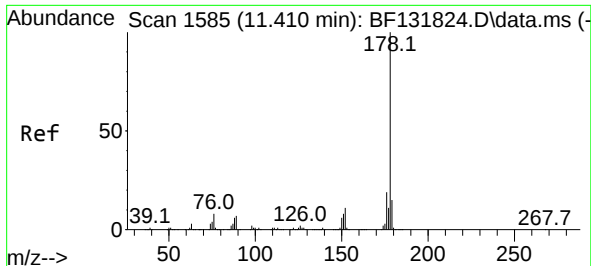
Tgt Ion: 77	Resp: 87436
Ion Ratio	Lower Upper
77 100	
182 63.9	5.0 45.0#
105 133.5	0.0 39.4#
51 37.8	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

Tgt Ion: 188	Resp: 144422
Ion Ratio	Lower Upper
188 100	
94 10.5	5.8 8.6#
80 11.7	6.7 10.1#

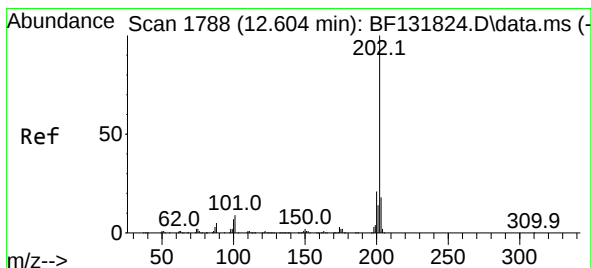
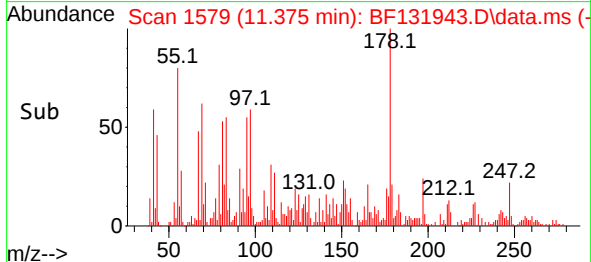
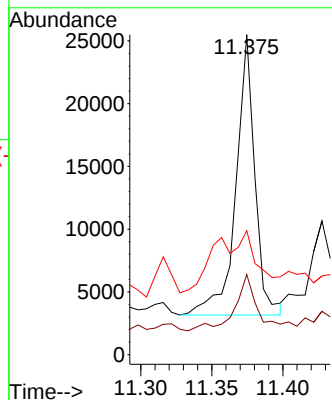
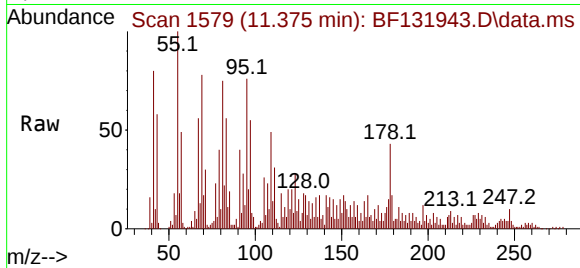




#71
Phenanthrene
Concen: 2.625 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

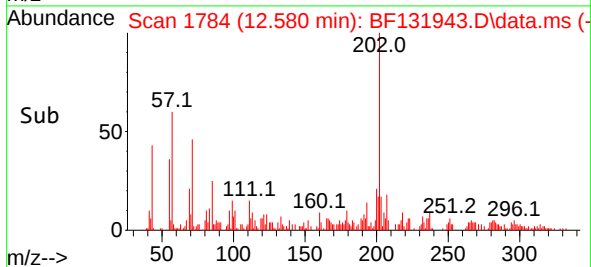
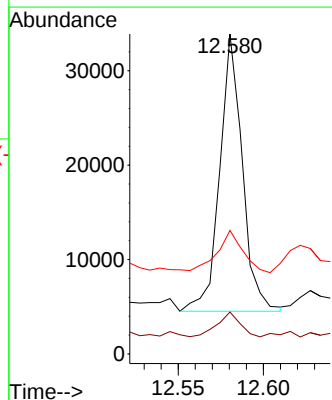
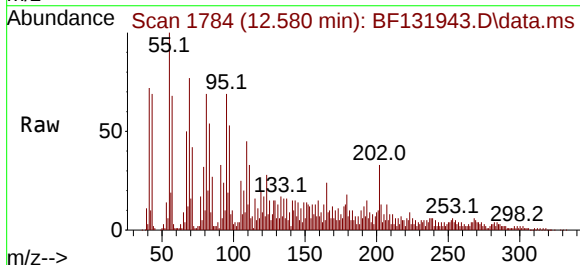
Instrument :
BNA_F
ClientSampleId :

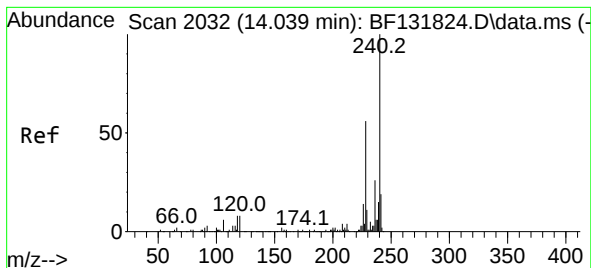
Tgt Ion:178 Resp: 20845
Ion Ratio Lower Upper
178 100
176 25.1 15.5 23.3#
179 38.8 12.2 18.4#



#75
Fluoranthene
Concen: 2.935 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.018 min
Lab File: BF131943.D
Acq: 06 Jan 2023 15:57

Tgt Ion:202 Resp: 27150
Ion Ratio Lower Upper
202 100
101 13.1 0.0 28.6
203 38.6 0.0 37.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2032

Delta R.T. 0.024 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Instrument :

BNA_F

ClientSampleId :

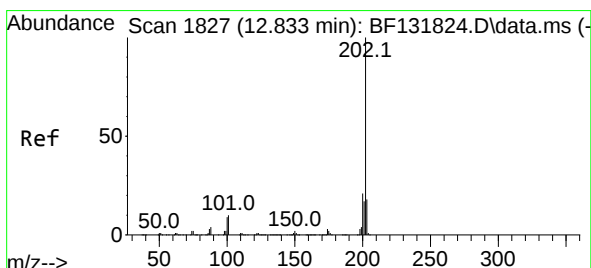
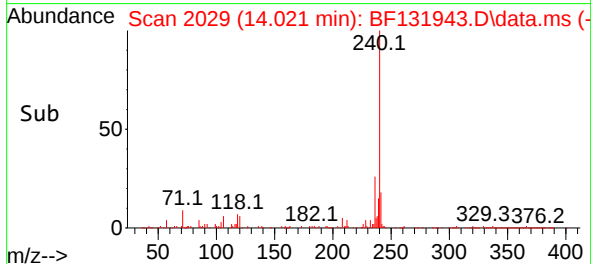
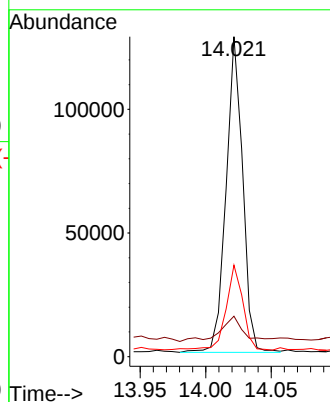
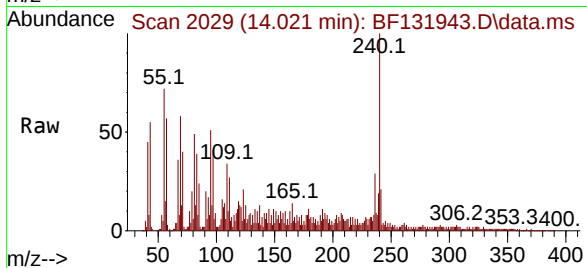
Tgt Ion:240 Resp: 112036

Ion Ratio Lower Upper

240 100

120 12.6 6.7 10.1#

236 28.6 20.6 31.0



#78

Pyrene

Concen: 3.374 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.024 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

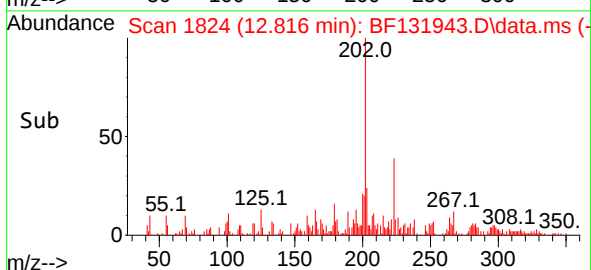
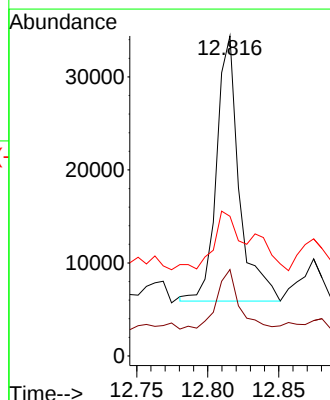
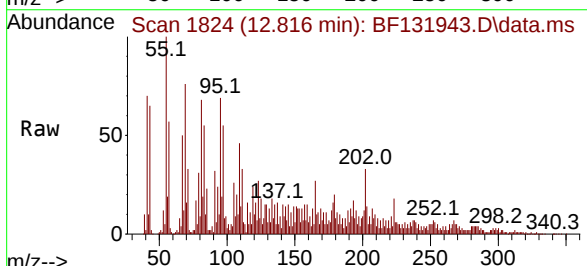
Tgt Ion:202 Resp: 31679

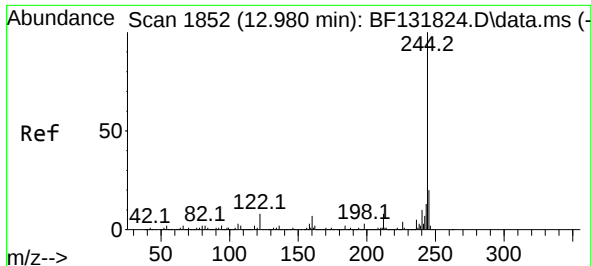
Ion Ratio Lower Upper

202 100

200 27.0 16.7 25.1#

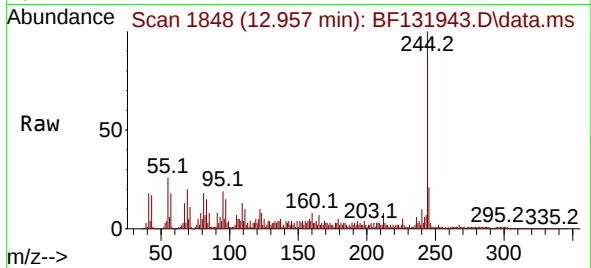
203 43.6 14.4 21.6#



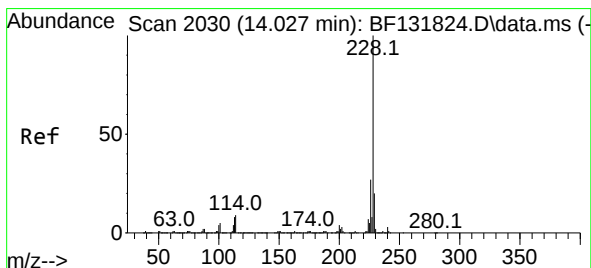
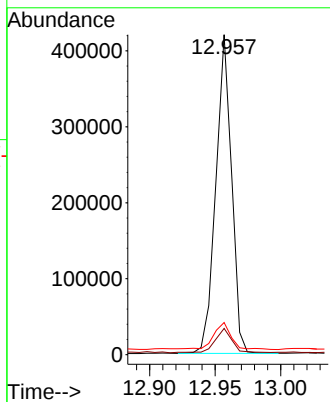
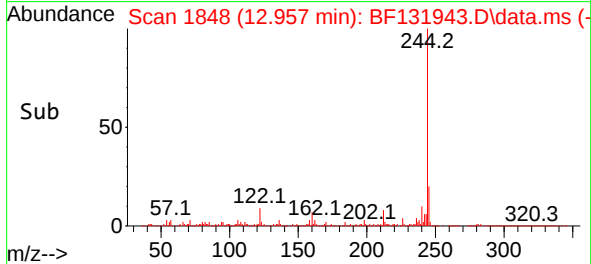


#79
 Terphenyl-d14
 Concen: 52.796 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.018 min
 Lab File: BF131943.D
 Acq: 06 Jan 2023 15:57

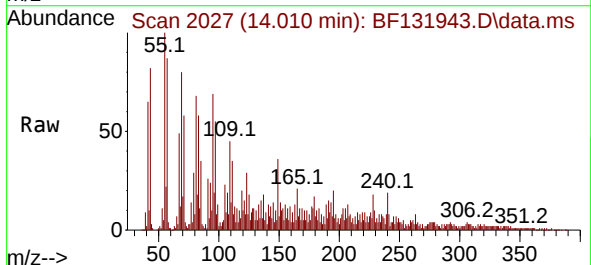
Instrument :
 BNA_F
 ClientSampleId :



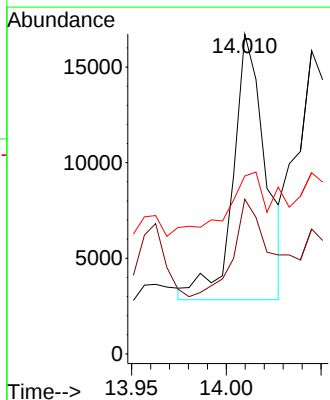
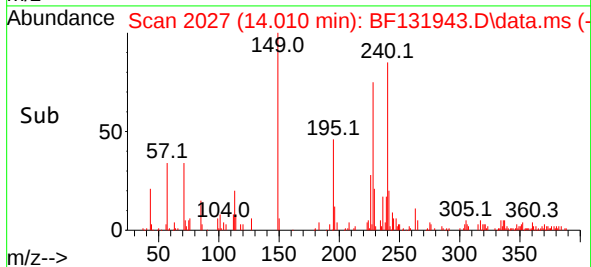
Tgt Ion:244 Resp: 349690
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 10.0 6.4 9.6#

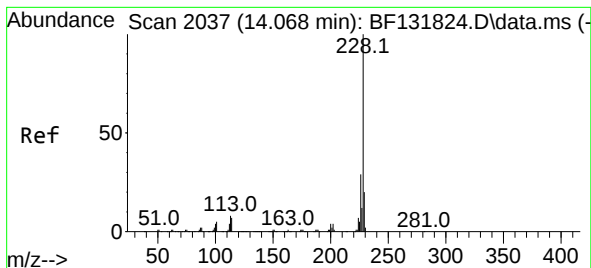


#81
 Benzo(a)anthracene
 Concen: 2.037 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. 0.024 min
 Lab File: BF131943.D
 Acq: 06 Jan 2023 15:57



Tgt Ion:228 Resp: 16524
 Ion Ratio Lower Upper
 228 100
 226 48.3 22.0 33.0#
 229 55.6 16.0 24.0#





#83

Chrysene

Concen: 2.130 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Instrument :

BNA_F

ClientSampleId :

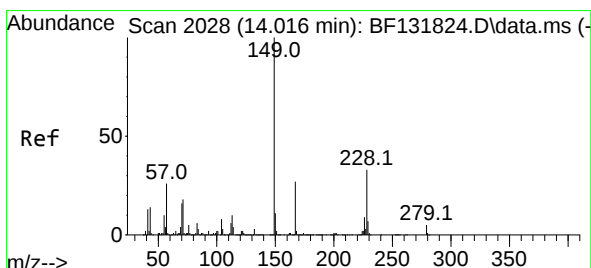
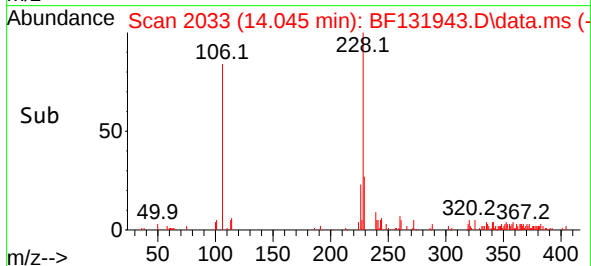
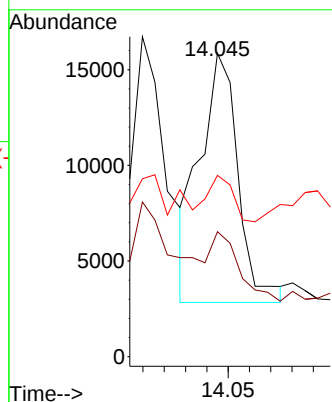
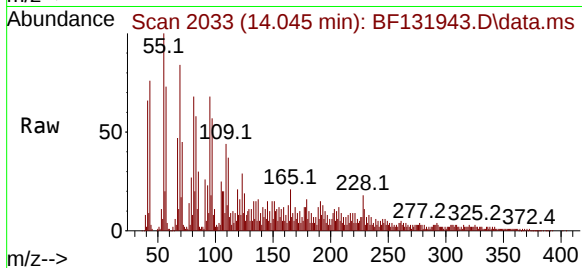
Tgt Ion:228 Resp: 16236

Ion Ratio Lower Upper

228 100

226 41.2 23.5 35.3#

229 59.8 16.2 24.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.812 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.018 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

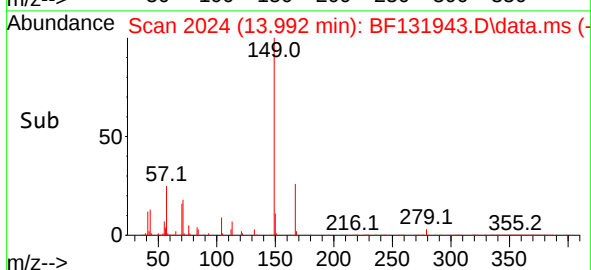
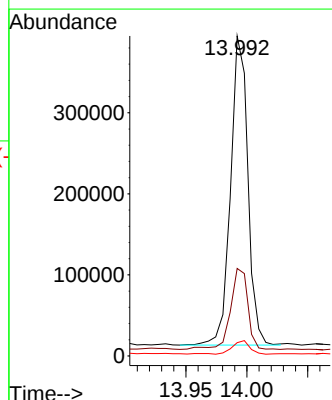
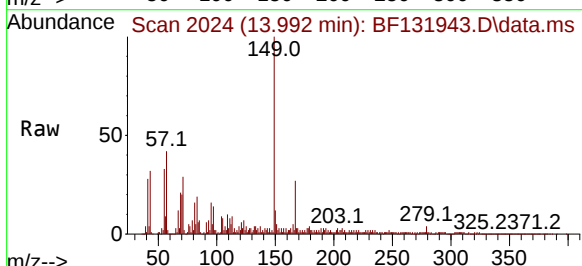
Tgt Ion:149 Resp: 376641

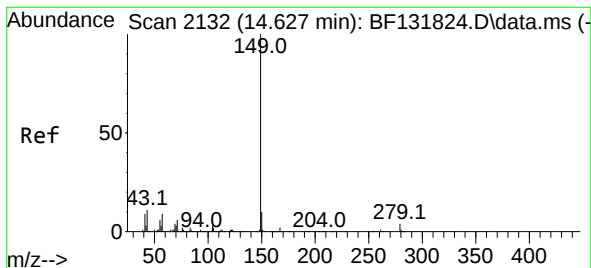
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

279 4.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 7.975 ng

RT: 14.616 min Scan# 2130

Delta R.T. 0.024 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Instrument :

BNA_F

ClientSampleId :

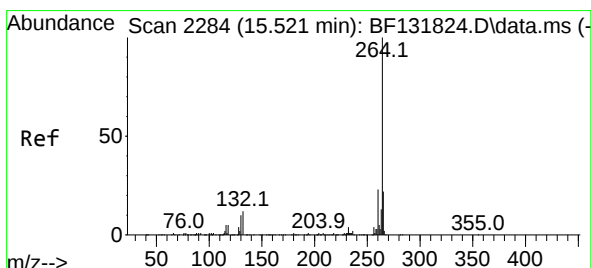
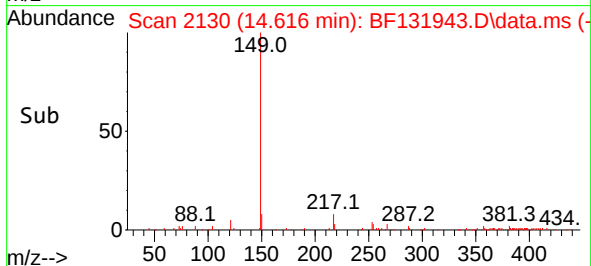
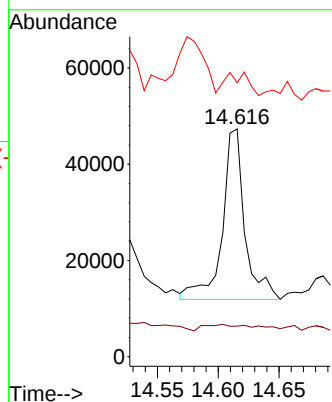
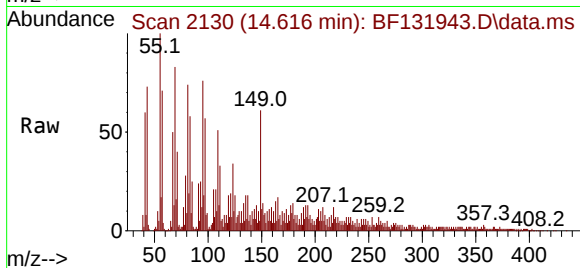
Tgt Ion:149 Resp: 45528

Ion Ratio Lower Upper

149 100

167 9.8 1.2 1.8#

43 0.0 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.035 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

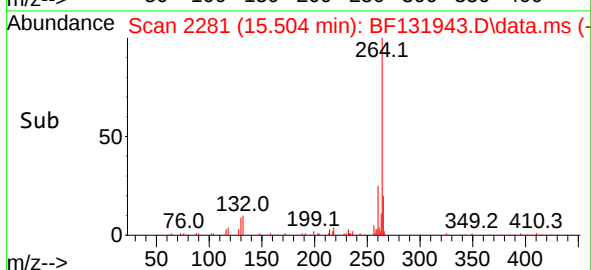
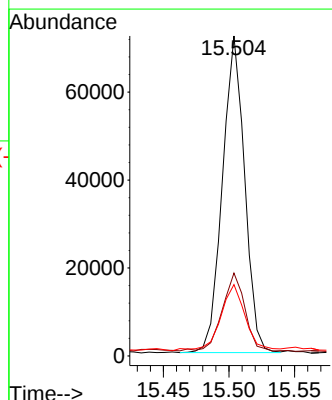
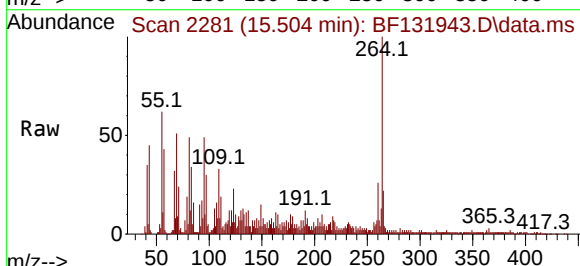
Tgt Ion:264 Resp: 84620

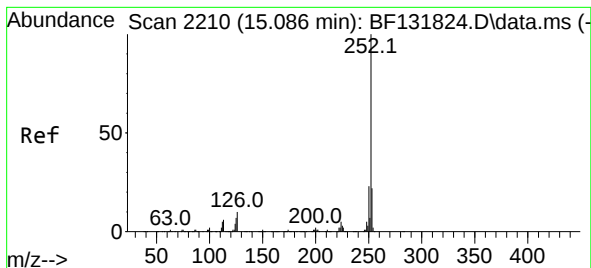
Ion Ratio Lower Upper

264 100

260 25.9 18.6 28.0

265 22.3 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 4.135 ng

RT: 15.068 min Scan# 2210

Delta R.T. 0.029 min

Lab File: BF131943.D

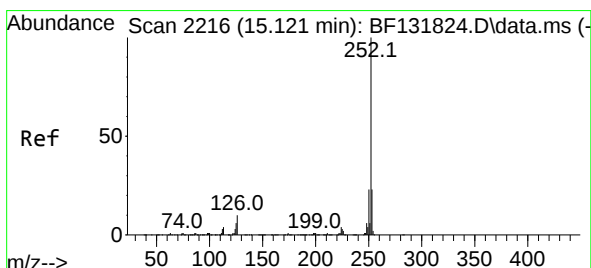
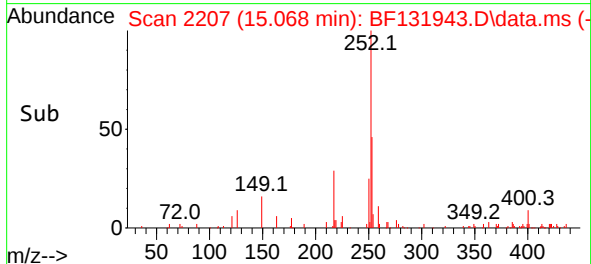
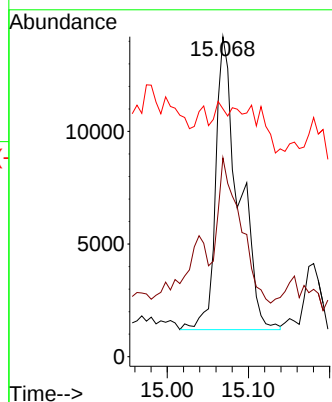
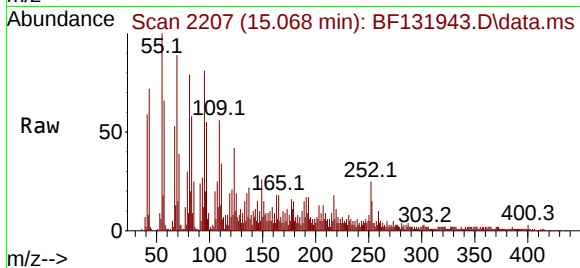
Acq: 06 Jan 2023 15:57

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:252 Resp: 25655
 Ion Ratio Lower Upper
 252 100
 253 62.2 17.6 26.4#
 125 77.4 5.8 8.8#



#89

Benzo(k)fluoranthene

Concen: 4.279 ng

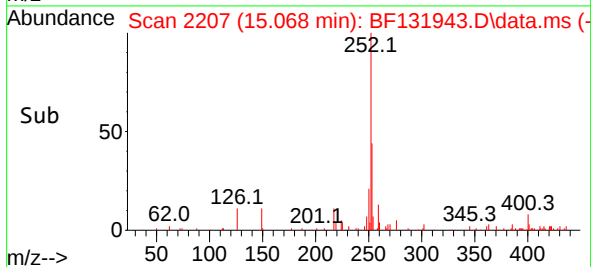
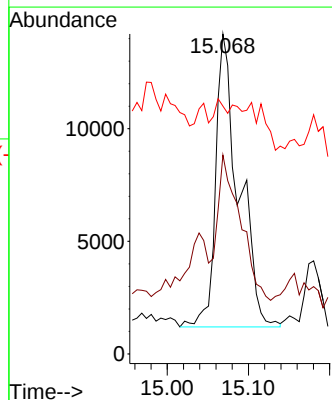
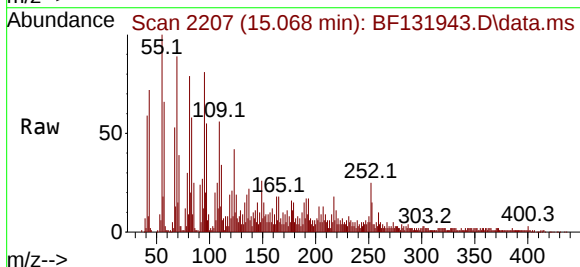
RT: 15.068 min Scan# 2207

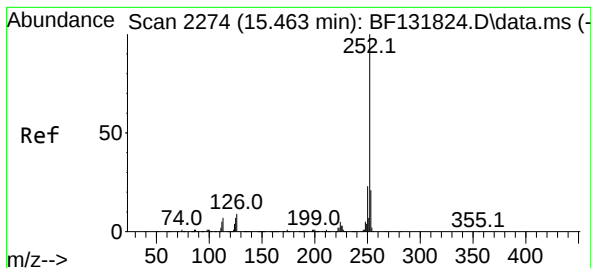
Delta R.T. 0.000 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Tgt Ion:252 Resp: 25655
 Ion Ratio Lower Upper
 252 100
 253 62.2 17.7 26.5#
 125 77.4 5.4 8.0#





#90

Benzo(a)pyrene

Concen: 2.690 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Instrument :

BNA_F

ClientSampleId :

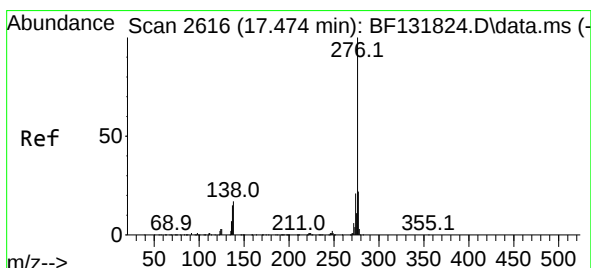
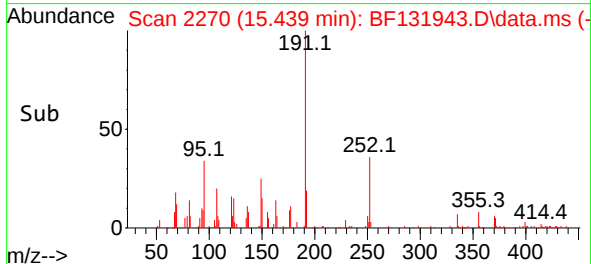
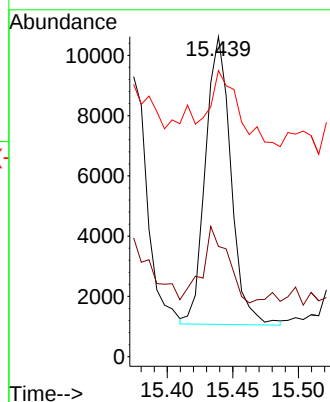
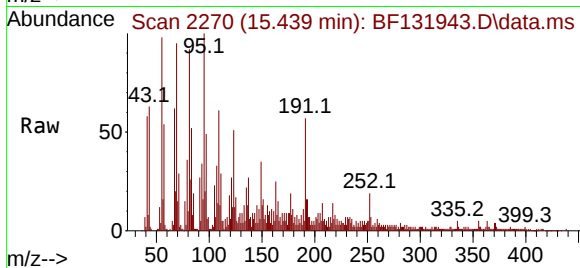
Tgt Ion:252 Resp: 12922

Ion Ratio Lower Upper

252 100

253 34.4 16.6 24.8#

125 89.5 5.8 8.8#



#92

Benzo(g,h,i)perylene

Concen: 6.954 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.029 min

Lab File: BF131943.D

Acq: 06 Jan 2023 15:57

Tgt Ion:276 Resp: 9980

Ion Ratio Lower Upper

276 100

277 31.6 17.9 26.9#

138 25.4 13.7 20.5#

