

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134476.D
 Acq On : 25 Jul 2023 22:27
 Operator : CG\JU
 Sample : 03625-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 02:08:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

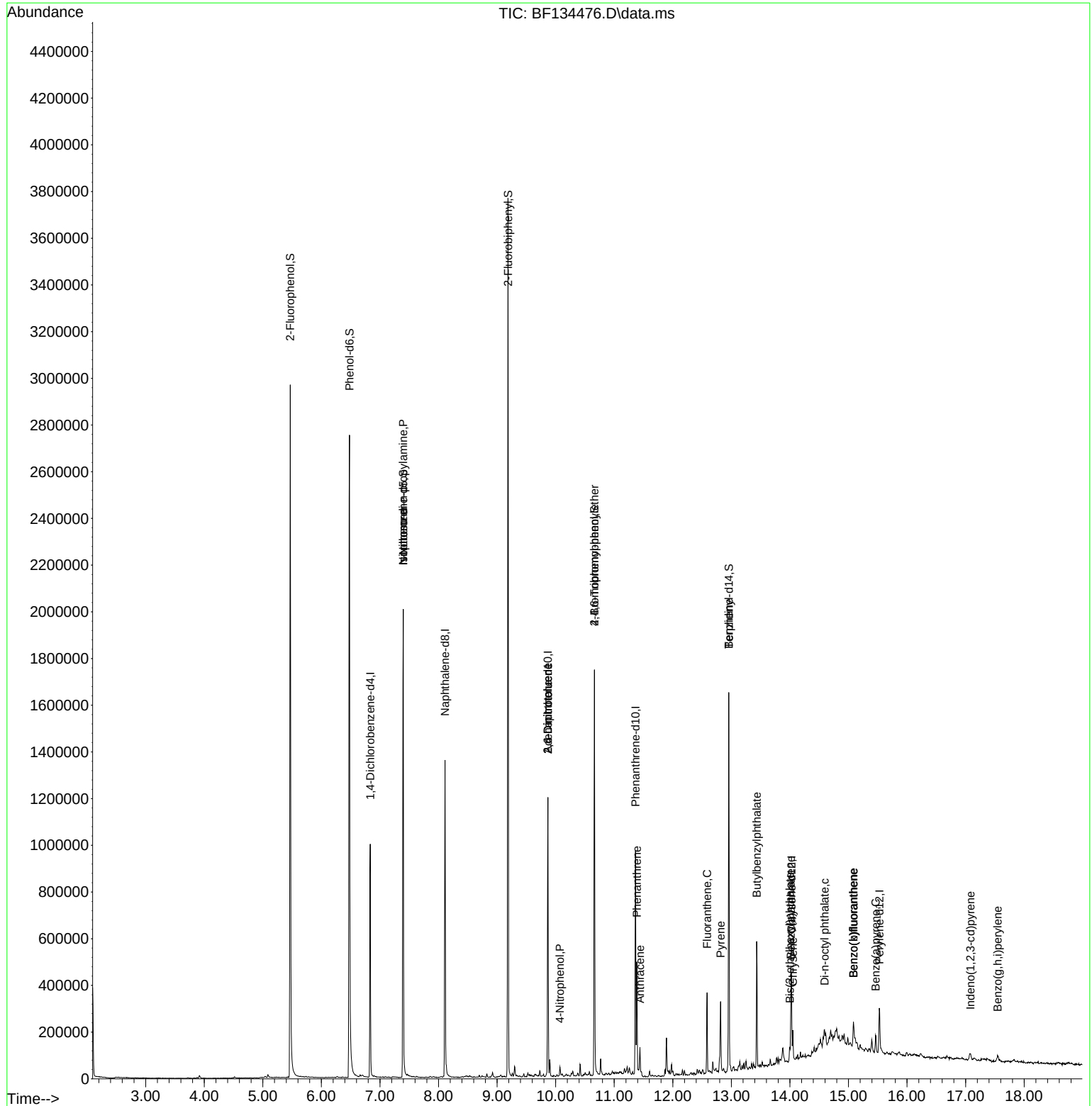
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	149935	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	540809	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	222337	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	335304	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	116299	20.000	ng	0.00
86) Perylene-d12	15.527	264	91505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	808209	89.060	ng	0.00
7) Phenol-d6	6.481	99	963048	86.616	ng	0.00
23) Nitrobenzene-d5	7.398	82	604572	56.560	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	198869	62.953	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1064580	62.858	ng	0.00
79) Terphenyl-d14	12.957	244	505965	75.946	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	82760	11.957	ng	# 73
25) Isophorone	7.398	82	604566	33.937	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	29236	8.084	ng	# 17
56) 4-Nitrophenol	10.075	139	4504	2.037	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	29236	6.019	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	11869	3.231	ng	# 1
71) Phenanthrene	11.386	178	157249	8.976	ng	99
72) Anthracene	11.439	178	42815	2.368	ng	97
75) Fluoranthene	12.586	202	133582	6.543	ng	98
77) Benzidine	12.957	184	7596	3.059	ng	# 93
78) Pyrene	12.816	202	122574	13.255	ng	99
80) Butylbenzylphthalate	13.433	149	119447	32.247	ng	98
81) Benzo(a)anthracene	14.015	228	53369	6.577	ng	97
83) Chrysene	14.051	228	48238	6.216	ng	95
84) Bis(2-ethylhexyl)phtha...	13.998	149	14089	3.131	ng	# 97
85) Di-n-octyl phthalate	14.592	149	53364	8.533	ng	# 56
87) Indeno(1,2,3-cd)pyrene	17.080	276	22735	3.803	ng	# 94
88) Benzo(b)fluoranthene	15.086	252	71606	12.509	ng	92
89) Benzo(k)fluoranthene	15.086	252	71606	12.719	ng	94
90) Benzo(a)pyrene	15.462	252	34144	6.453	ng	# 94
92) Benzo(g,h,i)perylene	17.545	276	21567	4.351	ng	96

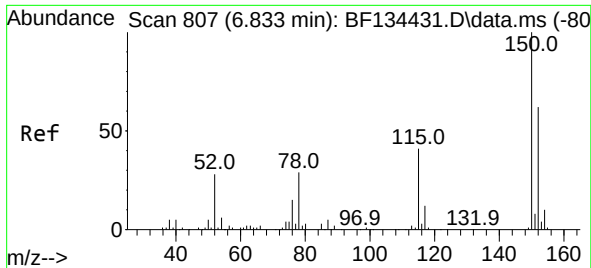
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
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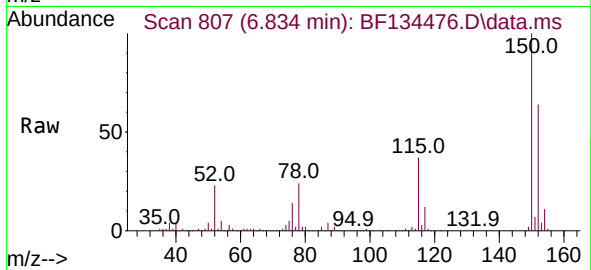
Quant Time: Jul 26 02:08:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
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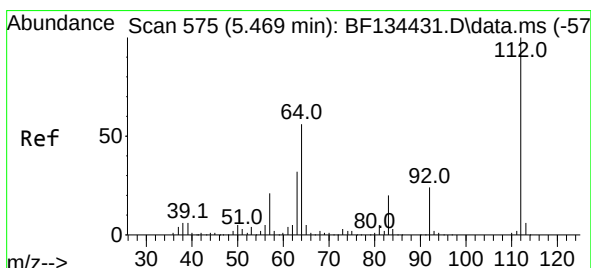
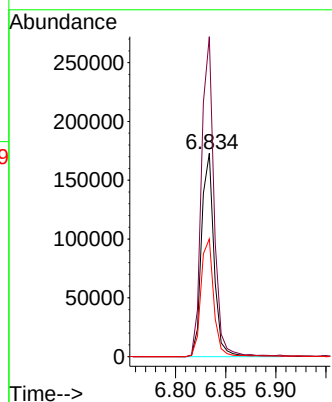
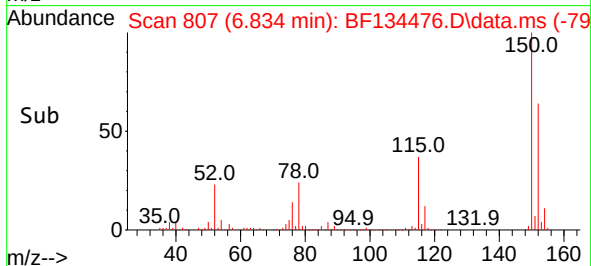


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

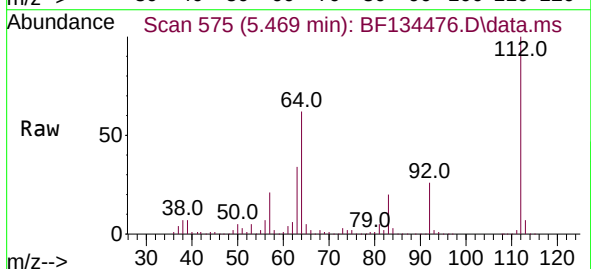
Instrument :
BNA_F
ClientSampleId :



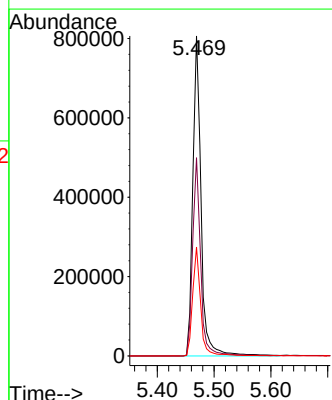
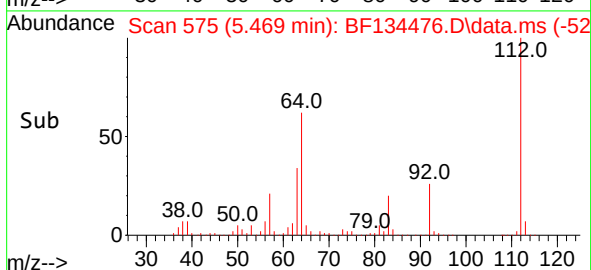
Tgt Ion:152 Resp: 149935
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 57.9 52.4 78.6

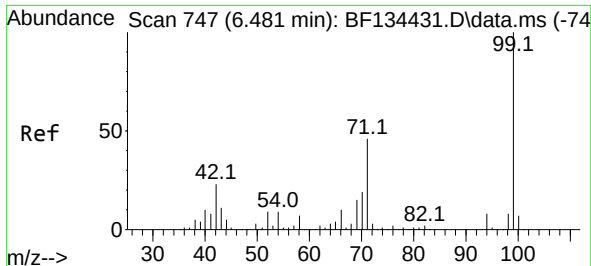


#5
2-Fluorophenol
Concen: 89.060 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27



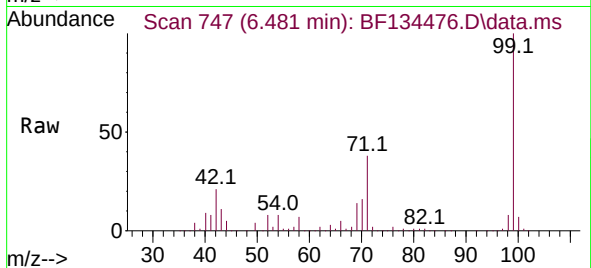
Tgt Ion:112 Resp: 808209
Ion Ratio Lower Upper
112 100
64 61.9 44.9 67.3
63 34.0 25.4 38.0



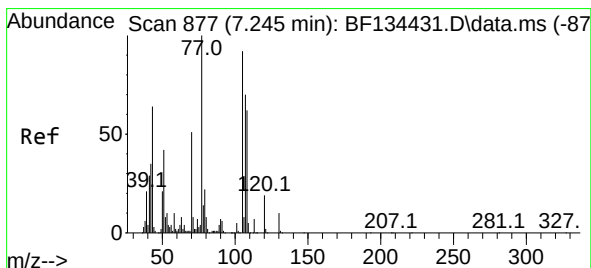
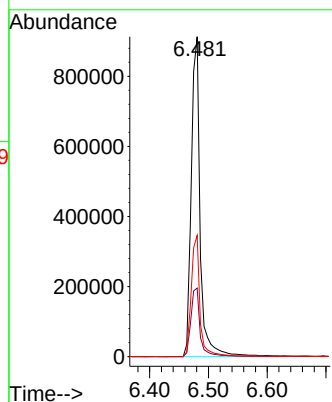
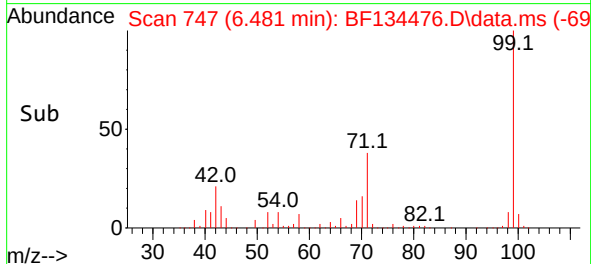


#7
Phenol-d6
Concen: 86.616 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

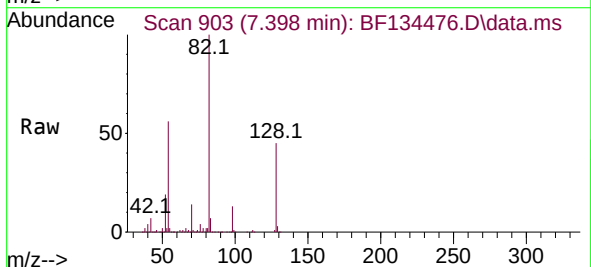
Instrument :
BNA_F
ClientSampleId :



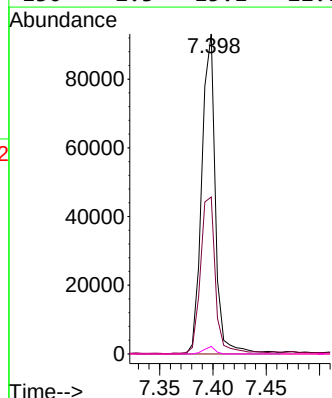
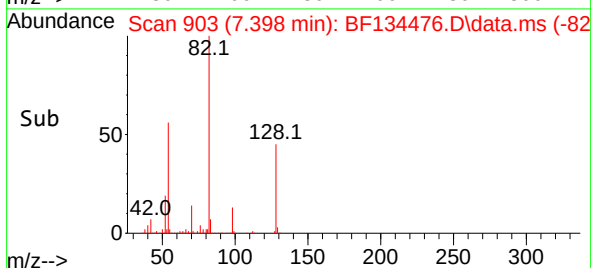
Tgt Ion: 99 Resp: 963048
Ion Ratio Lower Upper
99 100
42 21.4 18.7 28.1
71 37.9 36.4 54.6

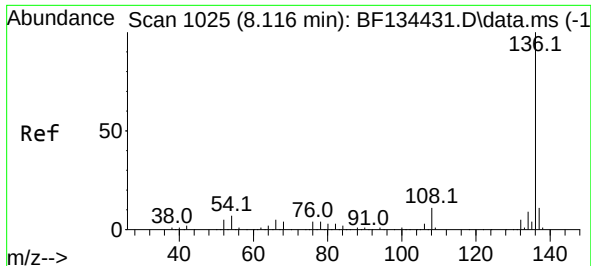


#19
n-Nitroso-di-n-propylamine
Concen: 11.957 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27



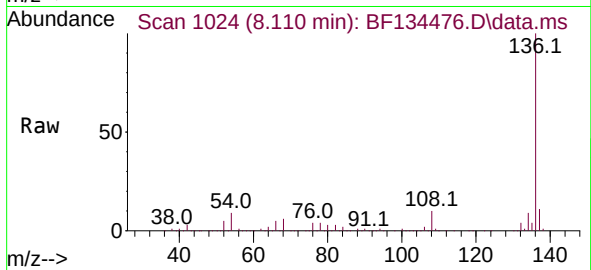
Tgt Ion: 70 Resp: 82760
Ion Ratio Lower Upper
70 100
42 49.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#



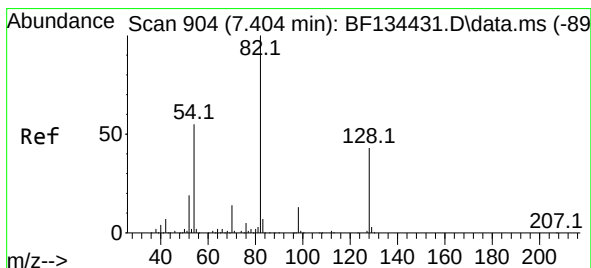
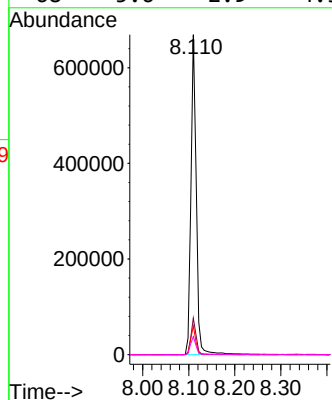
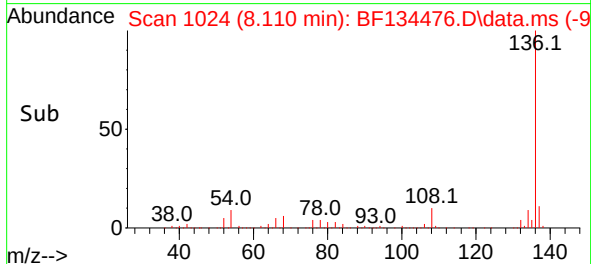


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

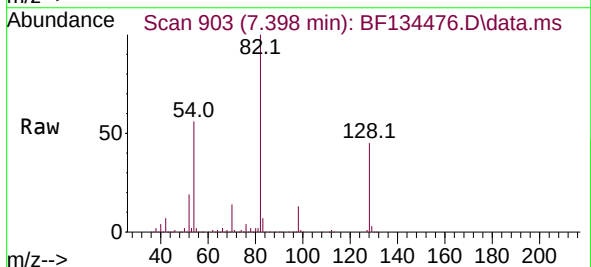
Instrument :
BNA_F
ClientSampleId :



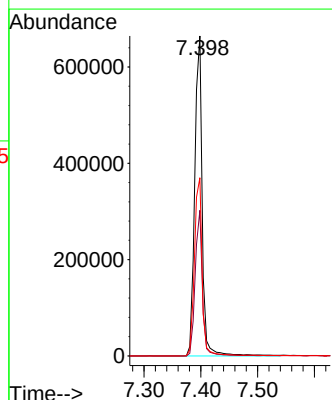
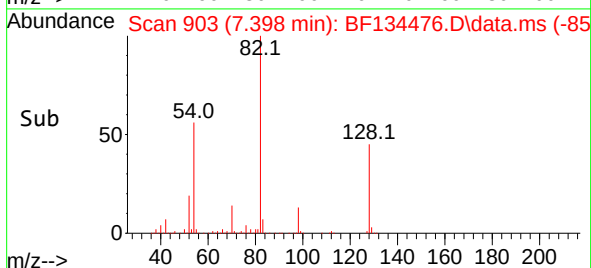
Tgt Ion:136 Resp: 540809
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.0 5.2 7.8#
68 5.6 2.9 4.3#

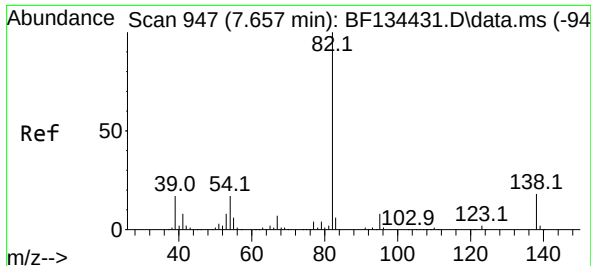


#23
Nitrobenzene-d5
Concen: 56.560 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27



Tgt Ion: 82 Resp: 604572
Ion Ratio Lower Upper
82 100
128 45.5 34.3 51.5
54 55.7 43.8 65.6

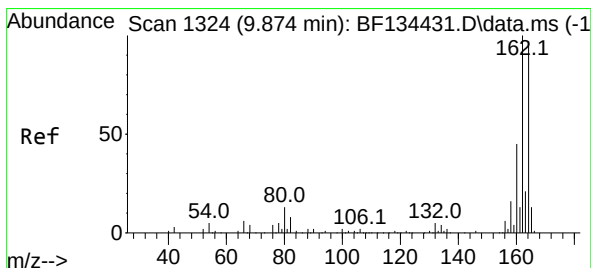
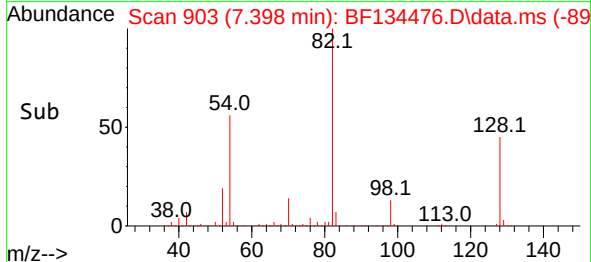
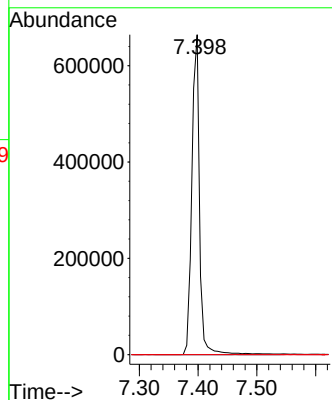
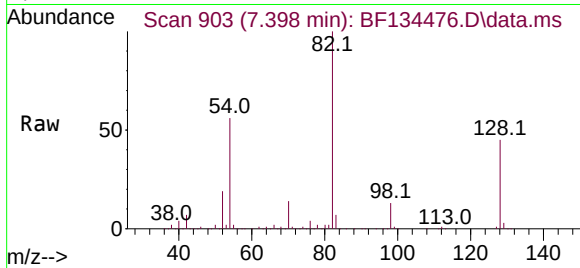




#25
Isophorone
Concen: 33.937 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

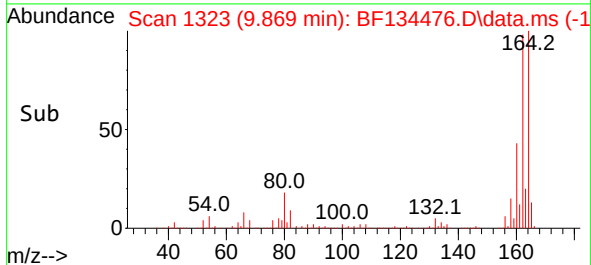
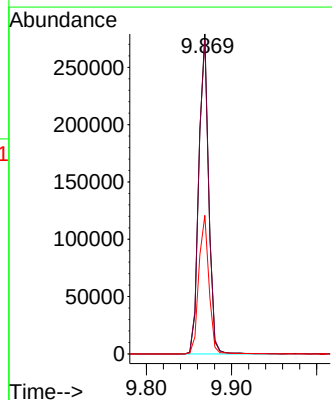
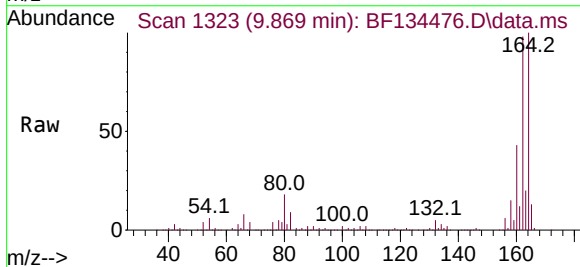
Instrument :
BNA_F
ClientSampleId :

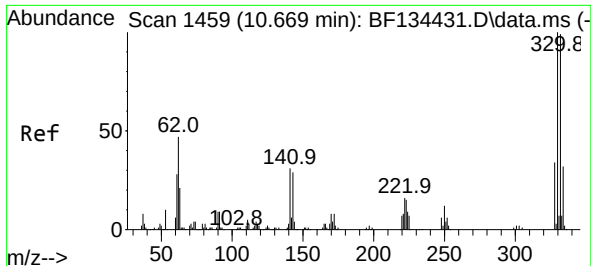
Tgt Ion: 82 Resp: 604566
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

Tgt Ion:164 Resp: 222337
Ion Ratio Lower Upper
164 100
162 98.1 82.6 123.8
160 43.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 62.953 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

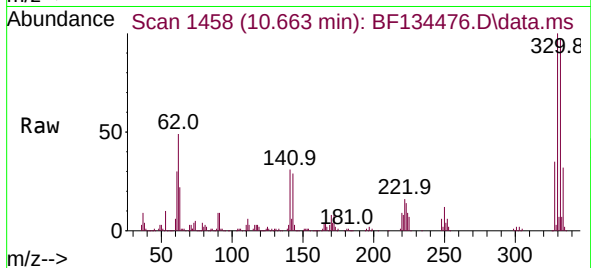
Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :



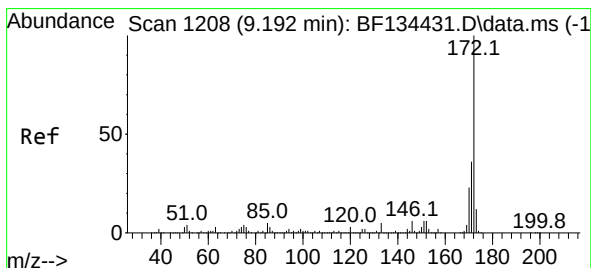
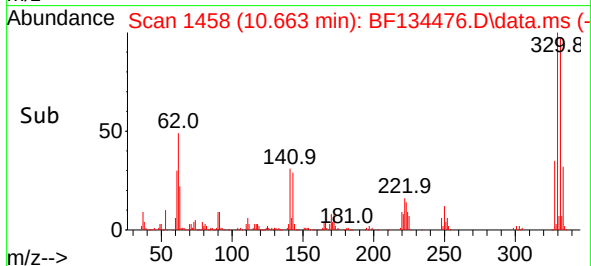
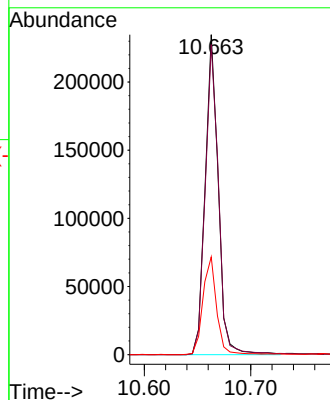
Tgt Ion:330 Resp: 198869

Ion Ratio Lower Upper

330 100

332 98.9 78.8 118.2

141 32.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 62.858 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

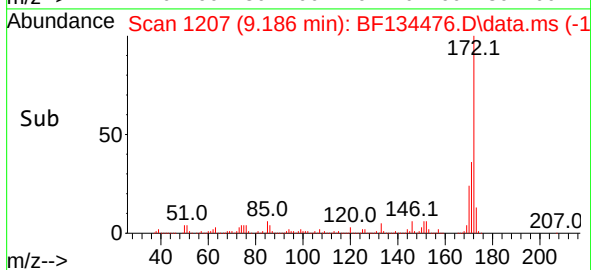
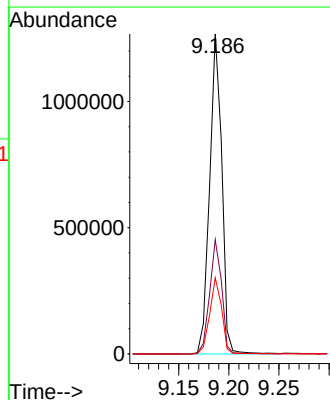
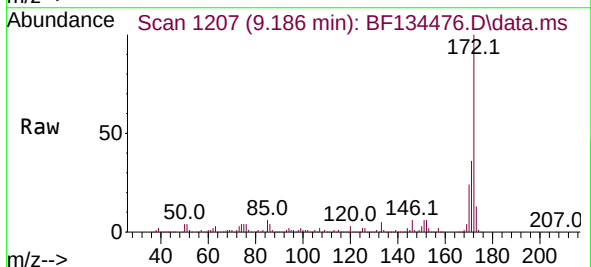
Tgt Ion:172 Resp: 1064580

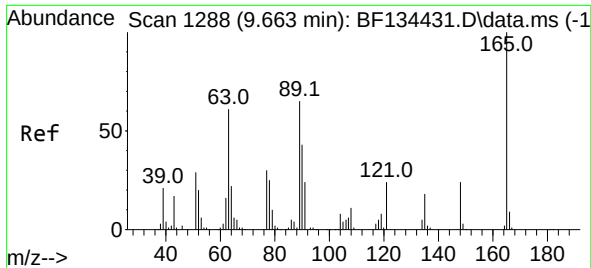
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

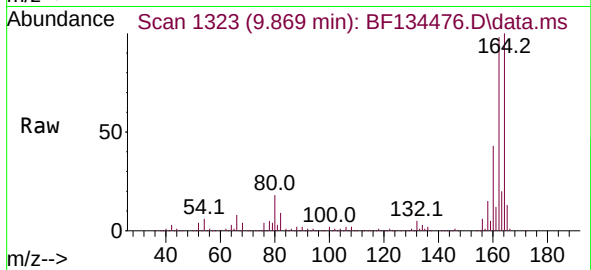
170 23.8 18.7 28.1



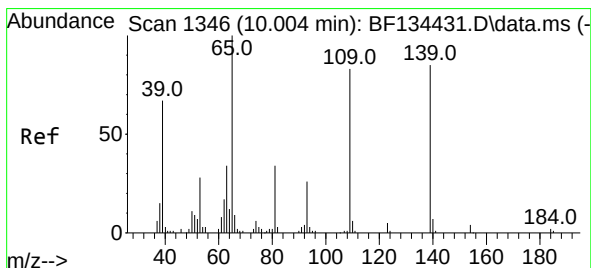
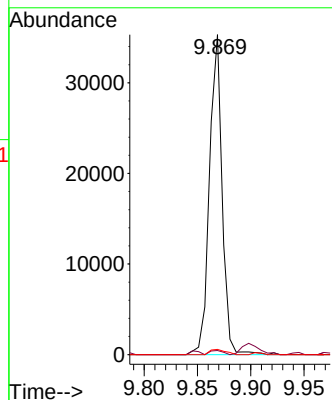
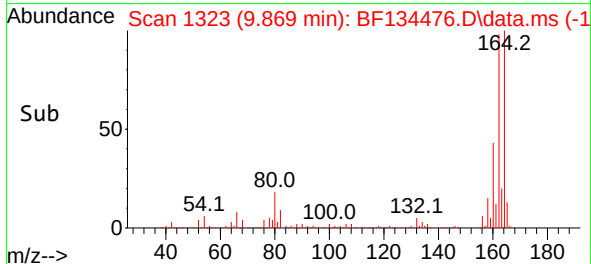


#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

Instrument :
BNA_F
ClientSampleId :

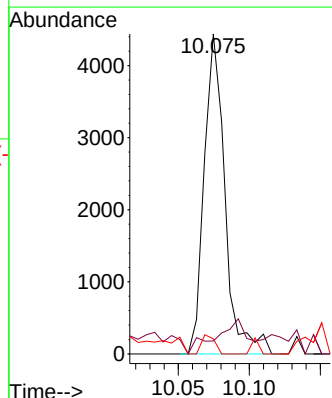
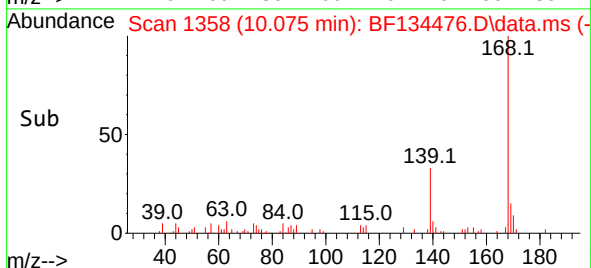
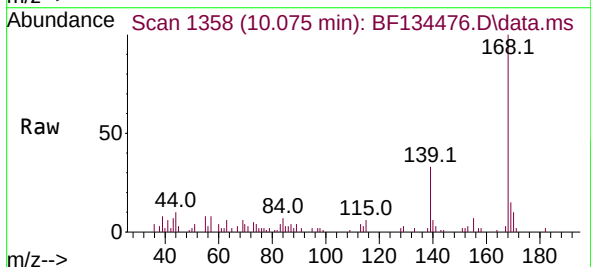


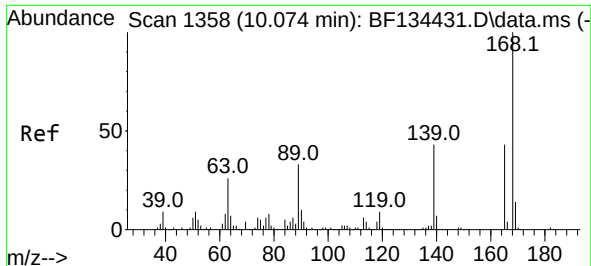
Tgt Ion:165 Resp: 29236
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.6 51.8 77.8#



#56
4-Nitrophenol
Concen: 2.037 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.071 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

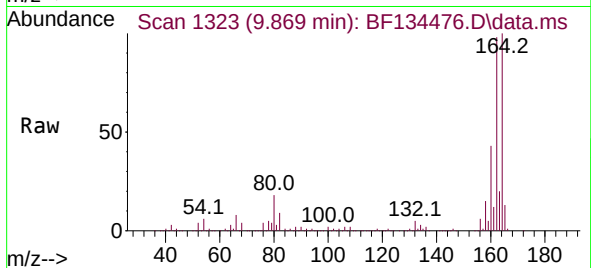
Tgt Ion:139 Resp: 4504
Ion Ratio Lower Upper
139 100
109 4.0 76.9 116.9#
65 4.7 98.5 138.5#



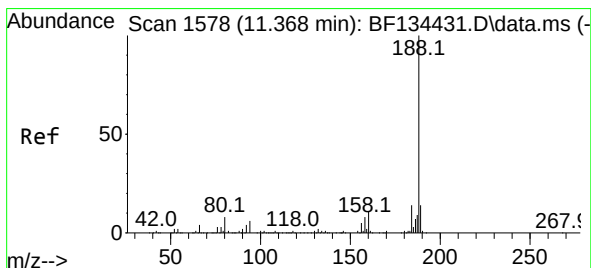
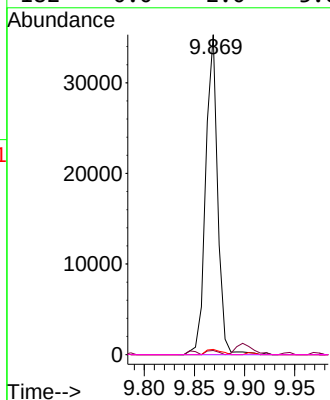
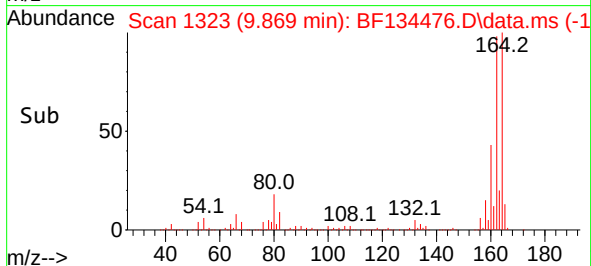


#57
2,4-Dinitrotoluene
Concen: 6.019 ng
RT: 9.869 min Scan# 1358
Delta R.T. -0.206 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

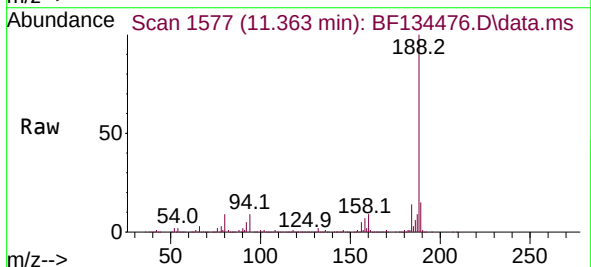
Instrument :
BNA_F
ClientSampleId :



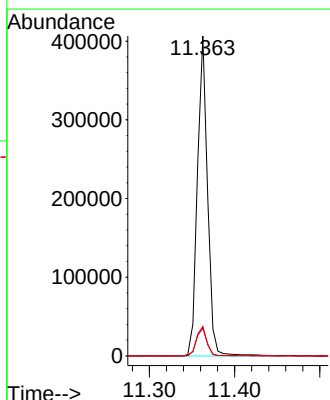
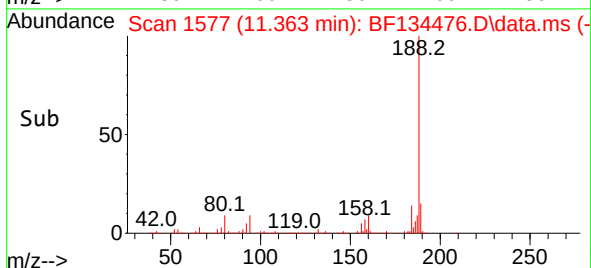
Tgt Ion:165 Resp: 29236
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#

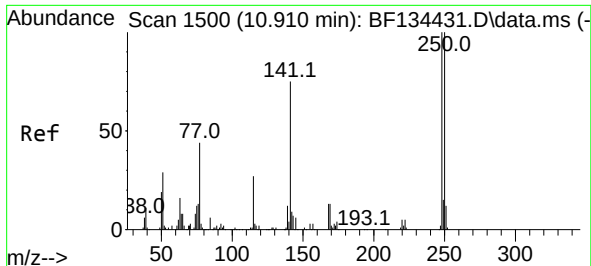


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27



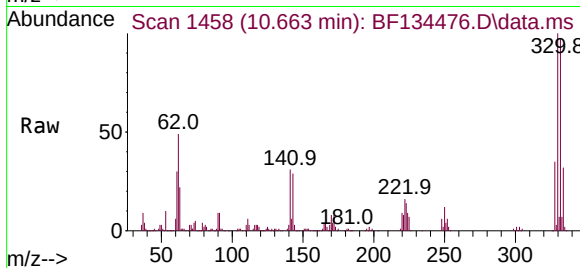
Tgt Ion:188 Resp: 335304
Ion Ratio Lower Upper
188 100
94 8.7 5.1 7.7#
80 9.2 6.6 9.8



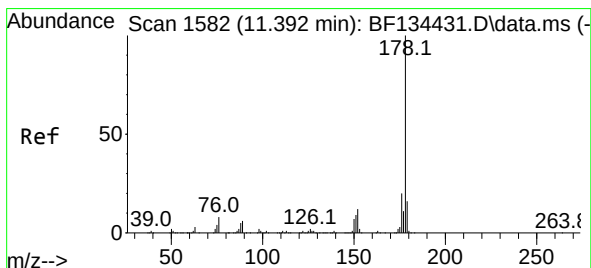
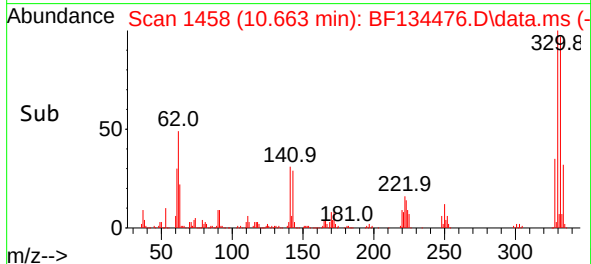
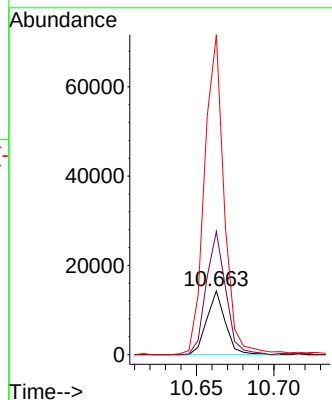


#67
4-Bromophenyl-phenylether
Concen: 3.231 ng
RT: 10.663 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

Instrument :
BNA_F
ClientSampleId :

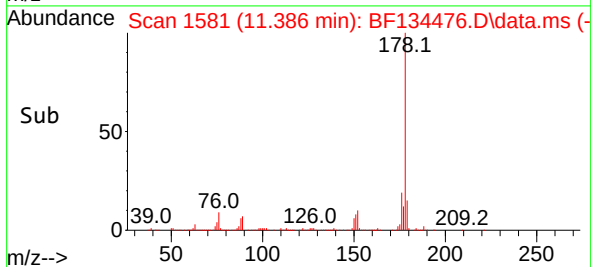
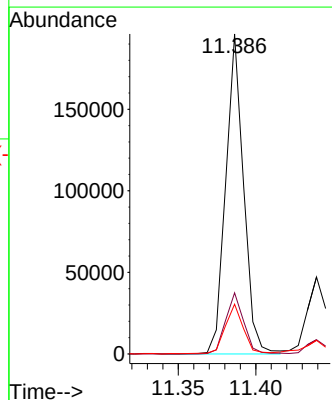
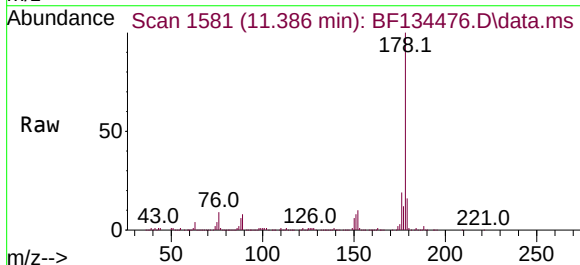


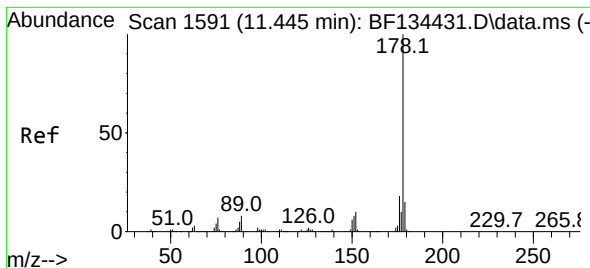
Tgt Ion:248 Resp: 11869
Ion Ratio Lower Upper
248 100
250 192.9 79.6 119.4#
141 501.3 59.6 89.4#



#71
Phenanthrene
Concen: 8.976 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

Tgt Ion:178 Resp: 157249
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.7 19.1





#72

Anthracene

Concen: 2.368 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

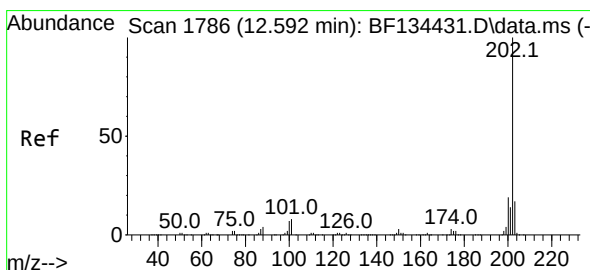
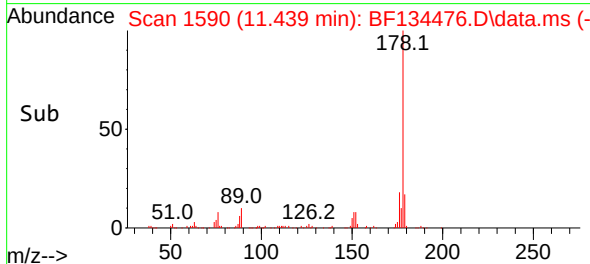
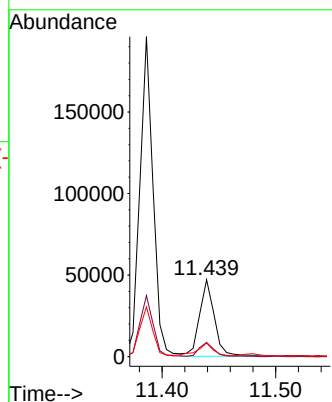
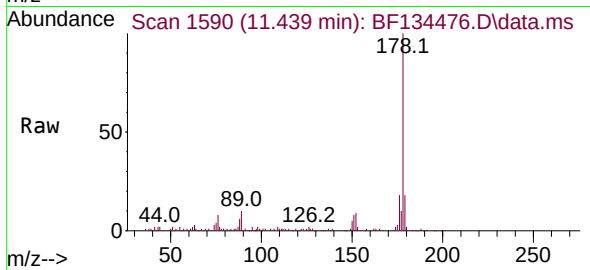
Tgt Ion:178 Resp: 42815

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 17.7 12.3 18.5



#75

Fluoranthene

Concen: 6.543 ng

RT: 12.586 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

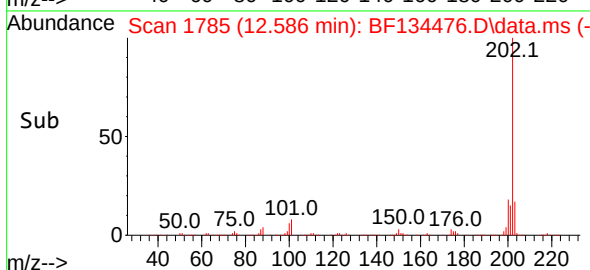
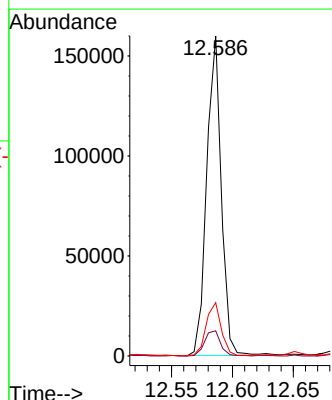
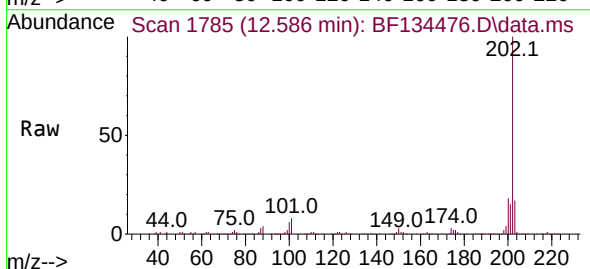
Tgt Ion:202 Resp: 133582

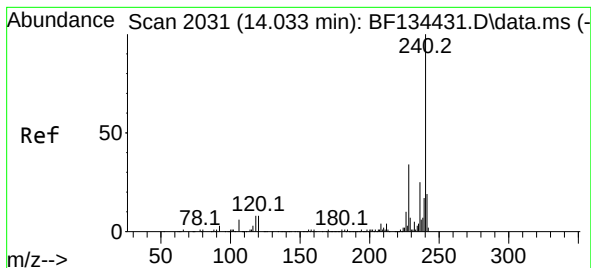
Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.5

203 16.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

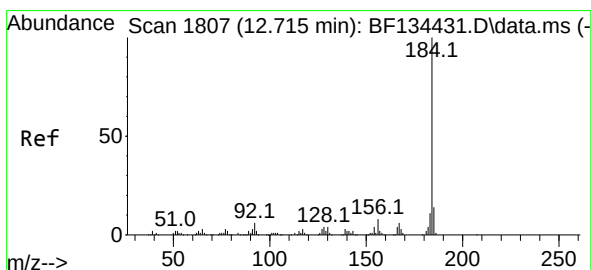
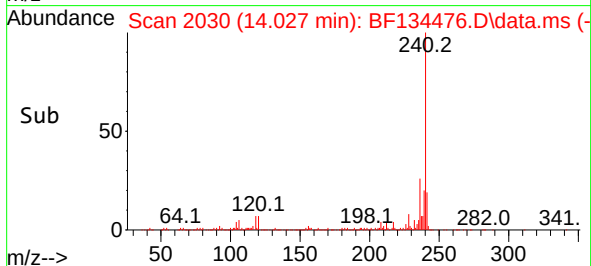
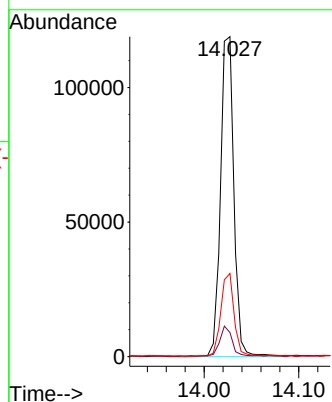
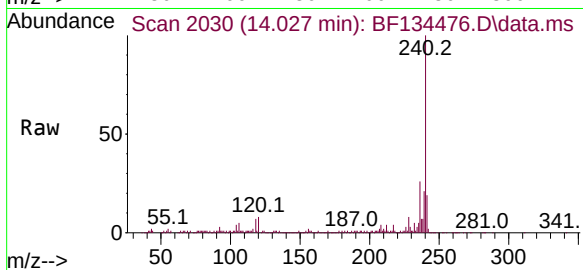
Tgt Ion:240 Resp: 116299

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 26.0 20.2 30.2



#77

Benzidine

Concen: 3.059 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.242 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

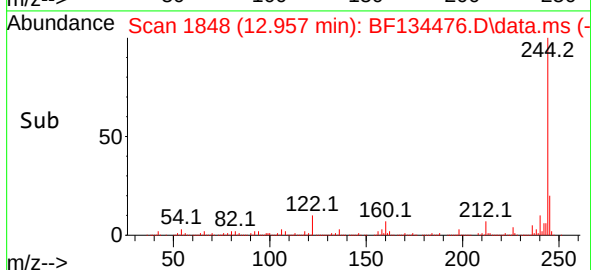
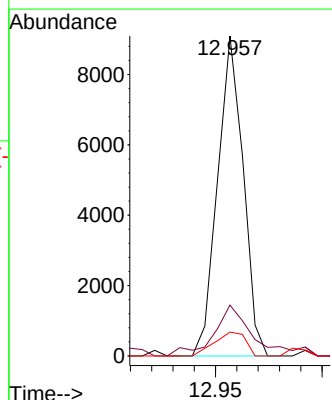
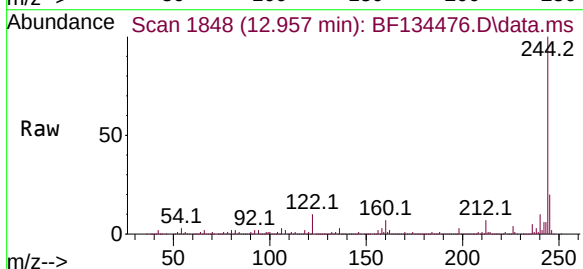
Tgt Ion:184 Resp: 7596

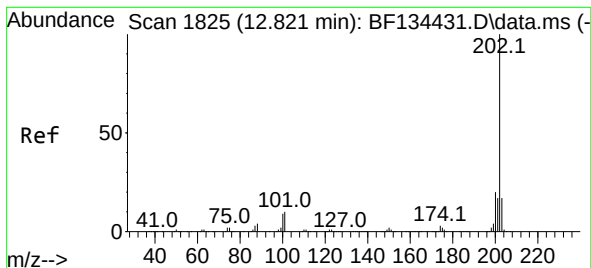
Ion Ratio Lower Upper

184 100

185 15.9 11.2 16.8

183 7.4 8.6 13.0#





#78

Pyrene

Concen: 13.255 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

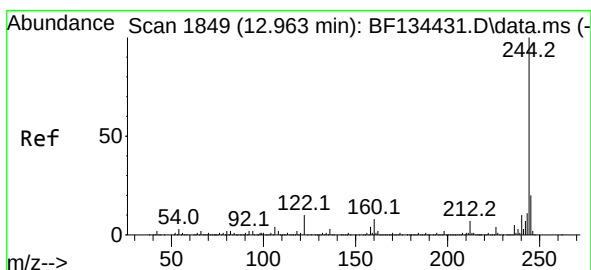
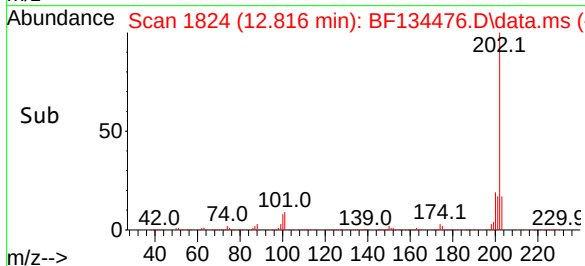
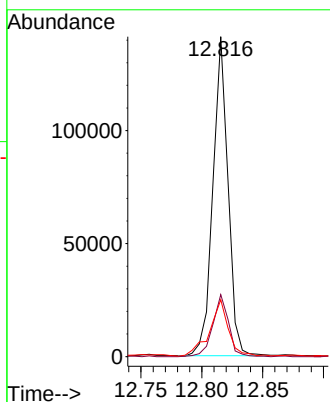
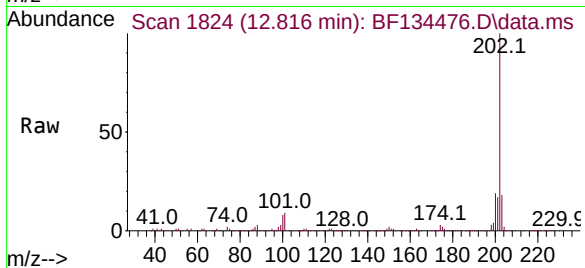
Tgt Ion:202 Resp: 122574

Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.8

203 17.8 13.5 20.3



#79

Terphenyl-d14

Concen: 75.946 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

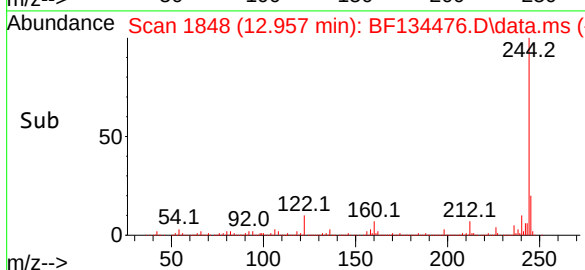
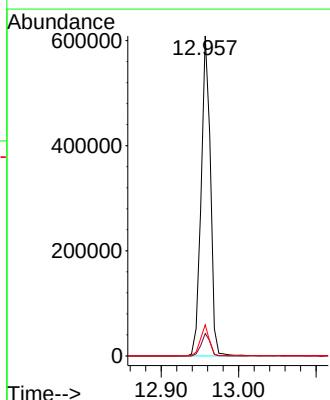
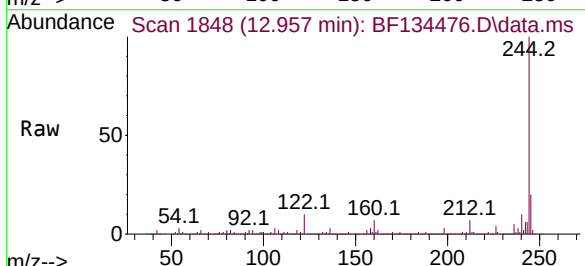
Tgt Ion:244 Resp: 505965

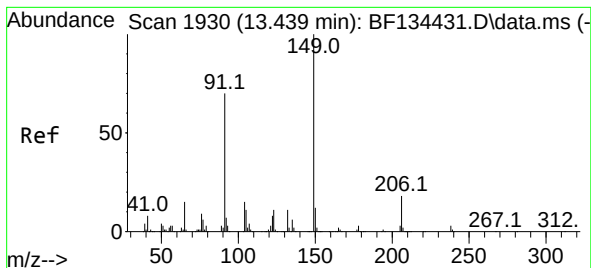
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.7 8.0 12.0





#80

Butylbenzylphthalate

Concen: 32.247 ng

RT: 13.433 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

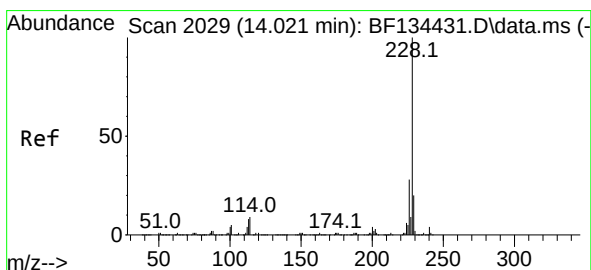
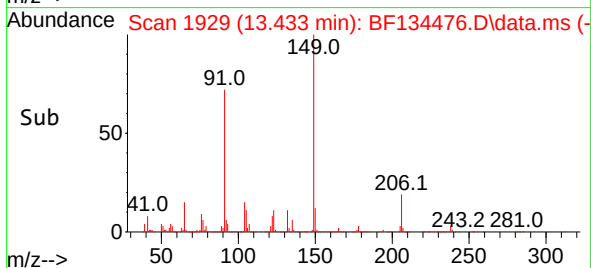
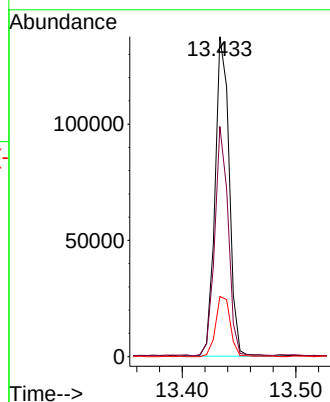
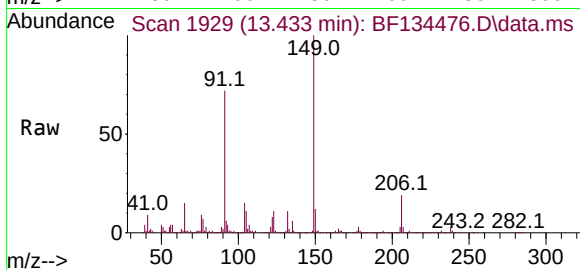
Tgt Ion:149 Resp: 119447

Ion Ratio Lower Upper

149 100

91 71.9 55.8 83.6

206 18.8 14.6 21.8



#81

Benzo(a)anthracene

Concen: 6.577 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

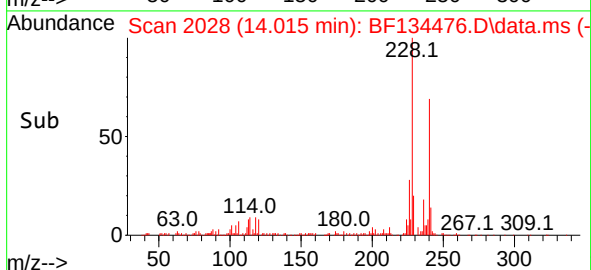
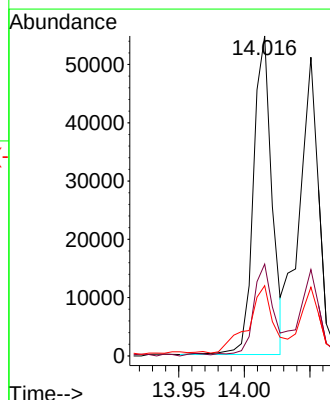
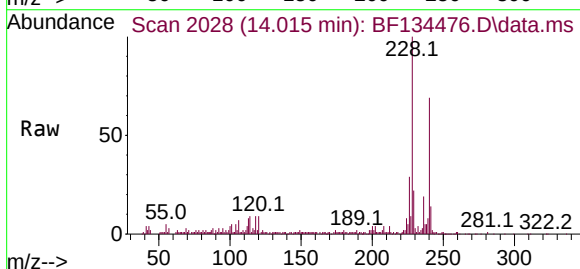
Tgt Ion:228 Resp: 53369

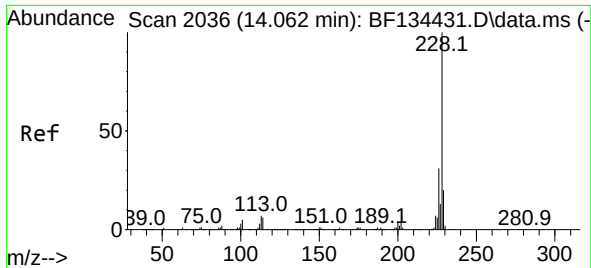
Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

229 21.9 15.8 23.6

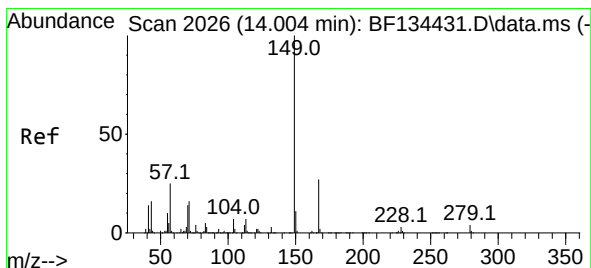
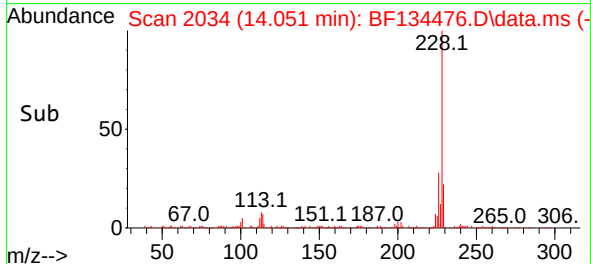
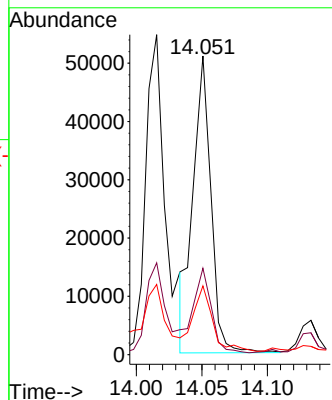
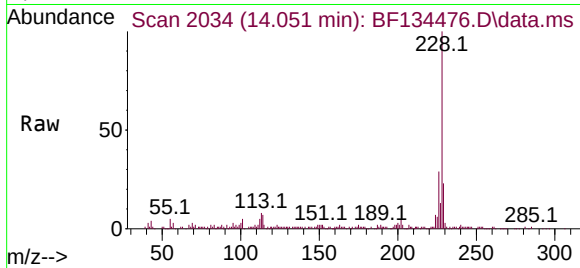




#83
Chrysene
Concen: 6.216 ng
RT: 14.051 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

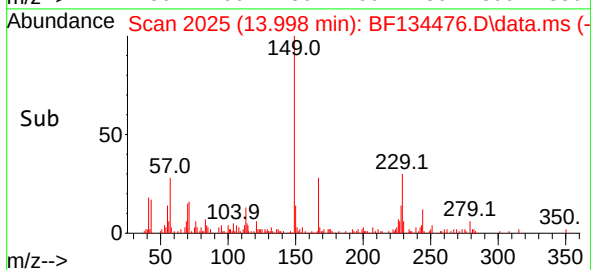
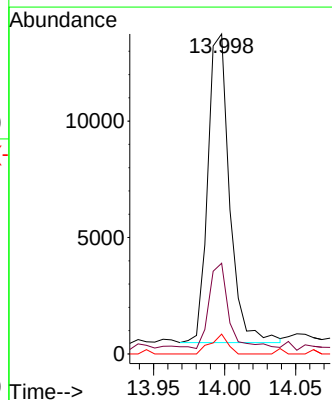
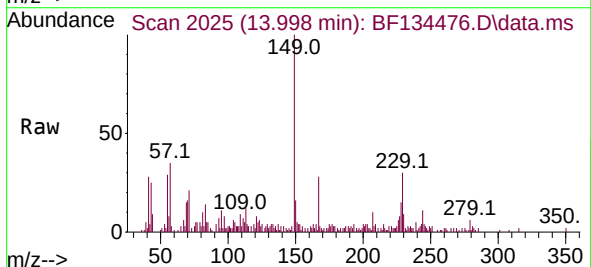
Instrument :
BNA_F
ClientSampleId :

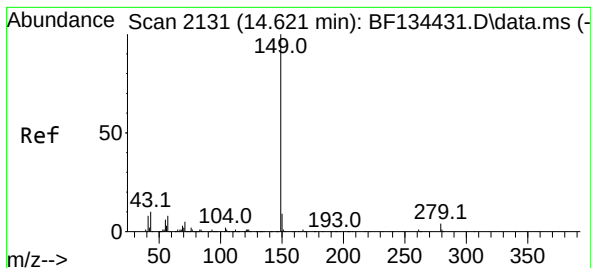
Tgt Ion:228 Resp: 48238
Ion Ratio Lower Upper
228 100
226 28.9 24.5 36.7
229 23.0 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.131 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF134476.D
Acq: 25 Jul 2023 22:27

Tgt Ion:149 Resp: 14089
Ion Ratio Lower Upper
149 100
167 28.3 21.6 32.4
279 6.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 8.533 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

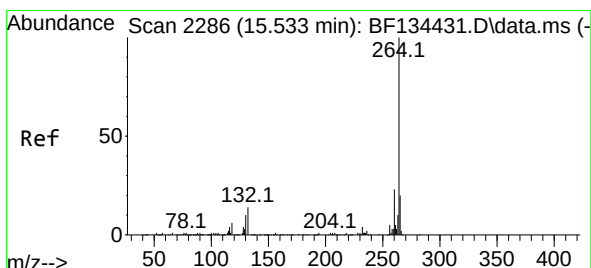
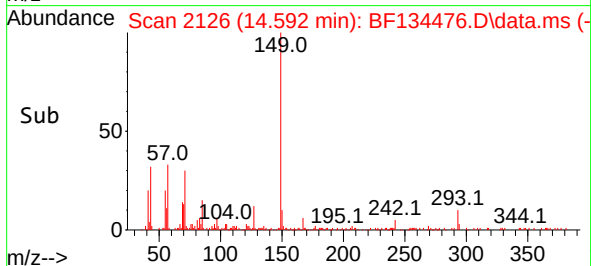
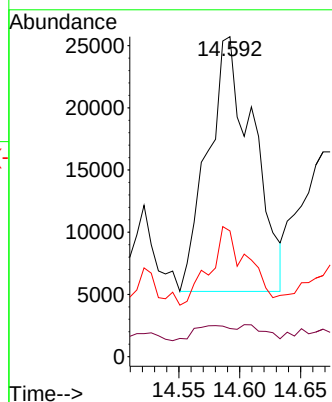
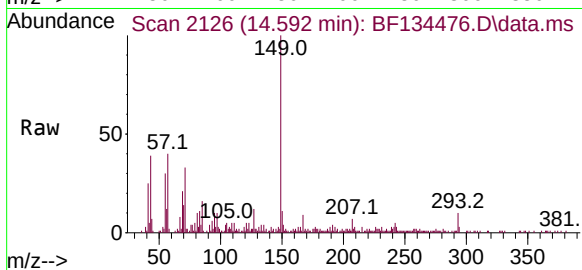
Tgt Ion:149 Resp: 53364

Ion Ratio Lower Upper

149 100

167 5.2 1.2 1.8#

43 28.2 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

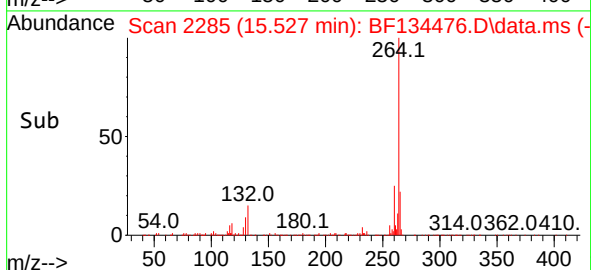
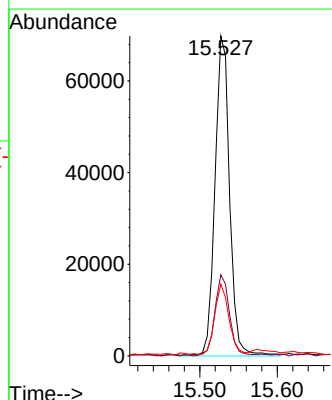
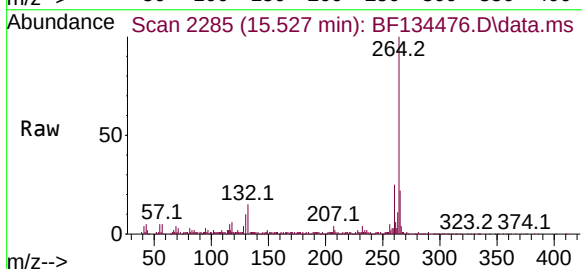
Tgt Ion:264 Resp: 91505

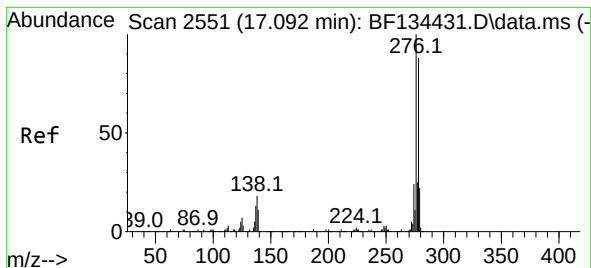
Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 22.4 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.803 ng

RT: 17.080 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

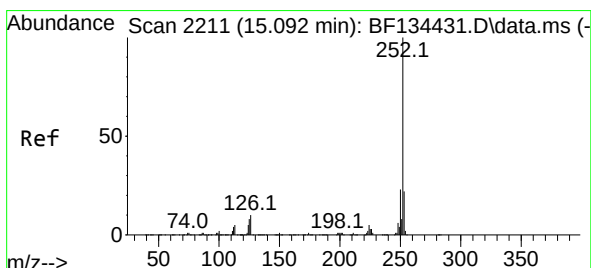
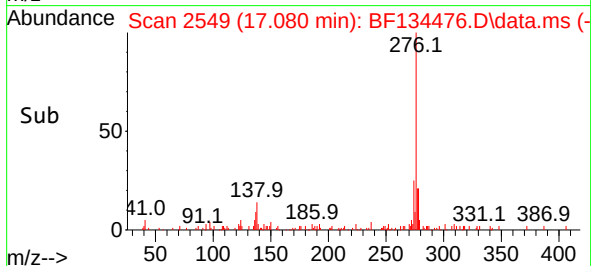
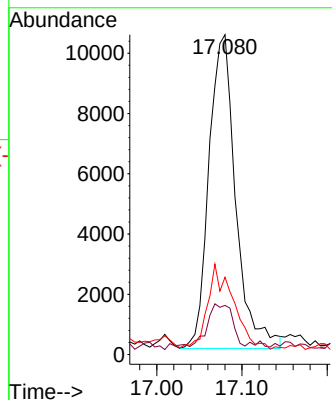
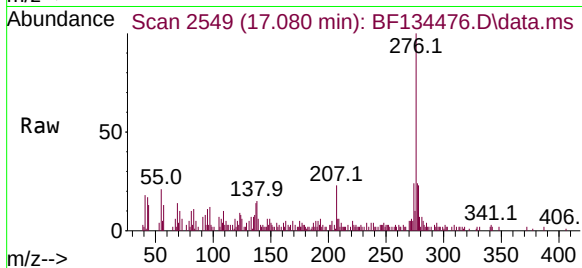
Tgt Ion:276 Resp: 22735

Ion Ratio Lower Upper

276 100

138 12.3 14.2 21.4#

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 12.509 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

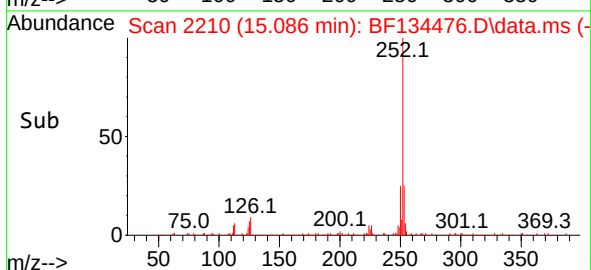
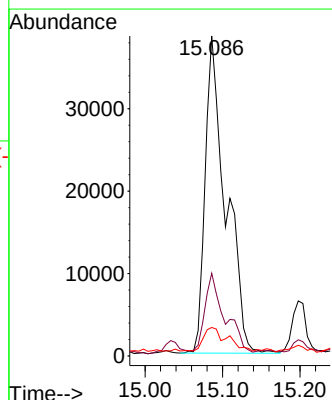
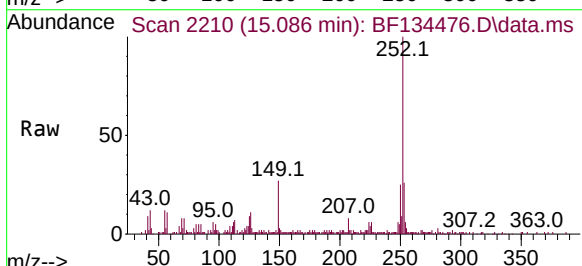
Tgt Ion:252 Resp: 71606

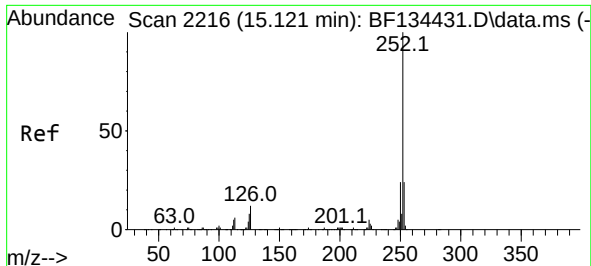
Ion Ratio Lower Upper

252 100

253 25.8 17.3 25.9

125 8.9 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 12.719 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.035 min

Lab File: BF134476.D

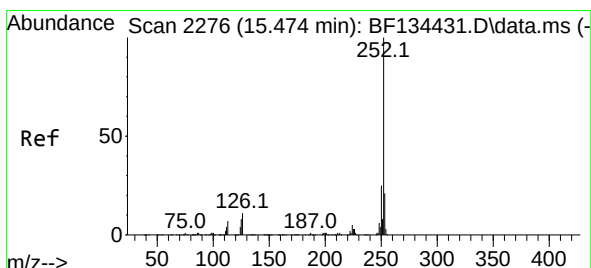
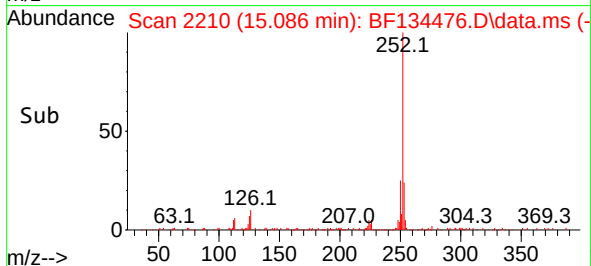
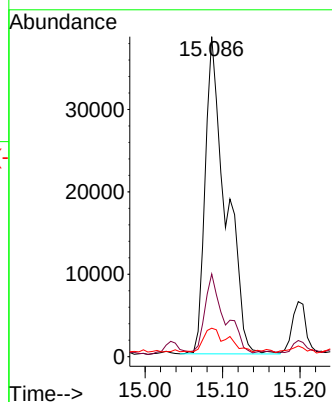
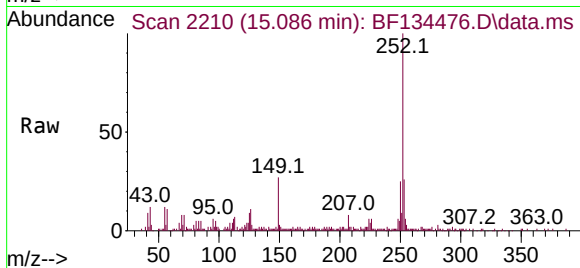
Acq: 25 Jul 2023 22:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:252	Resp:	71606
Ion Ratio	Lower	Upper
252	100	
253	25.8	17.9 26.9
125	8.9	6.3 9.5



#90

Benzo(a)pyrene

Concen: 6.453 ng

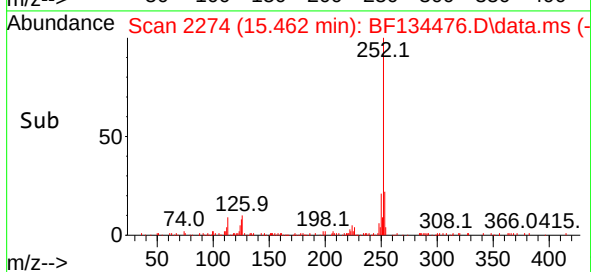
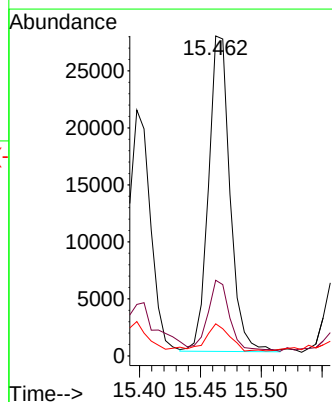
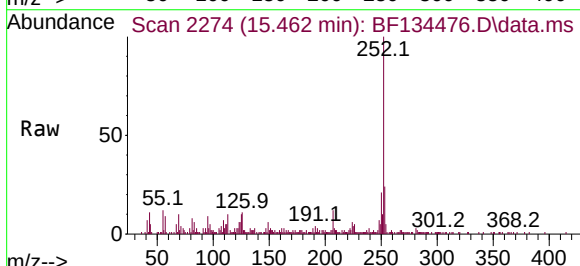
RT: 15.462 min Scan# 2274

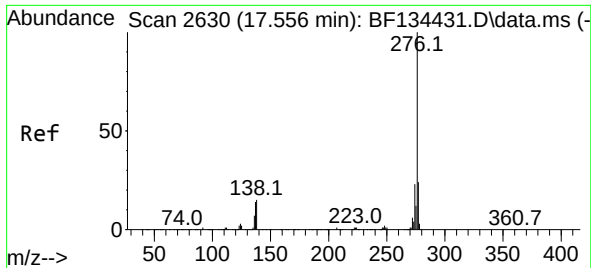
Delta R.T. -0.012 min

Lab File: BF134476.D

Acq: 25 Jul 2023 22:27

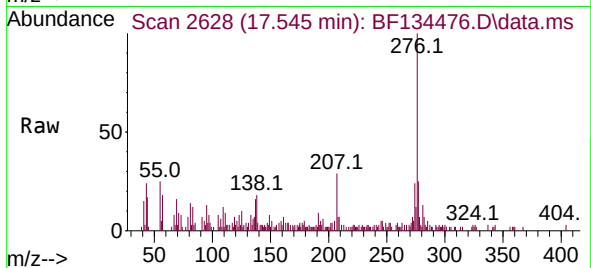
Tgt Ion:252	Resp:	34144
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.0 25.4
125	10.0	6.2 9.4





#92
 Benzo(g,h,i)perylene
 Concen: 4.351 ng
 RT: 17.545 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF134476.D
 Acq: 25 Jul 2023 22:27

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	276	Resp:	21567
Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.6
138	17.8	12.2	18.2

