

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134162.D
 Acq On : 08 Jul 2023 23:24
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 09 02:30:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

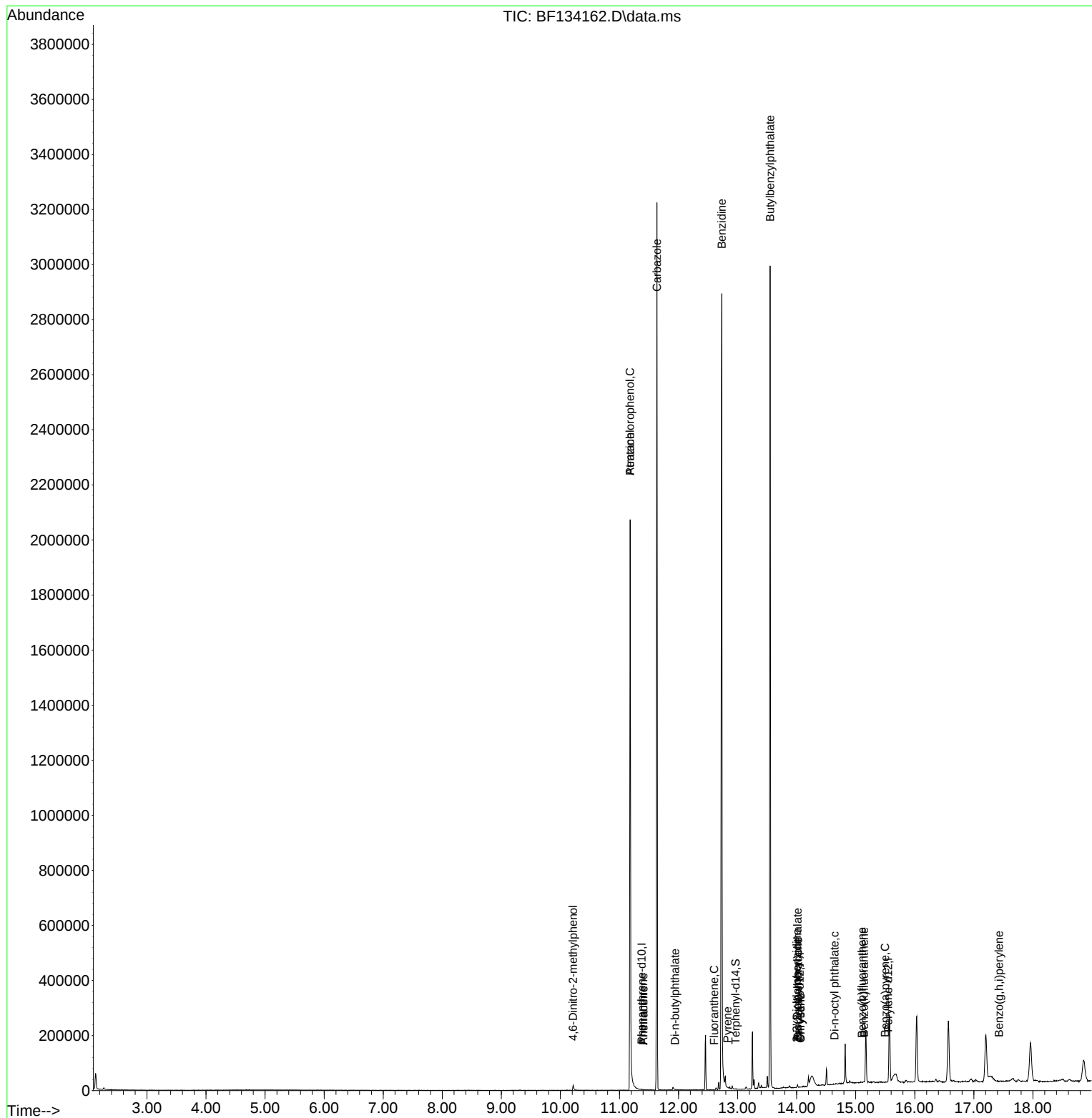
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.85
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.13
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.89
64) Phenanthrene-d10	11.375	188	261	20.000	ng	#-0.01
76) Chrysene-d12	14.051	240	540	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	128	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	12.969	244	855	25.482	ng	-0.02
Target Compounds						Qvalue
65) 4,6-Dinitro-2-methylph...	10.216	198	213	149.688	ng	# 30
69) Atrazine	11.181	200	44282	19197.639	ng	# 35
70) Pentachlorophenol	11.181	266	231900	131675.952	ng	96
71) Phenanthrene	11.404	178	119	9.057	ng	# 59
72) Anthracene	11.404	178	119	8.708	ng	# 60
73) Carbazole	11.633	167	14087	1126.166	ng	# 78
74) Di-n-butylphthalate	11.939	149	435	29.243	ng	# 79
75) Fluoranthene	12.604	202	466	32.806	ng	64
77) Benzidine	12.733	184	1261156	98152.514	ng	99
78) Pyrene	12.827	202	498	9.910	ng	# 58
80) Butylbenzylphthalate	13.551	149	9026	478.890	ng	# 6
81) Benzo(a)anthracene	14.022	228	131	3.498	ng	# 51
82) 3,3'-Dichlorobenzidine	14.004	252	153	12.895	ng	# 25
83) Chrysene	14.069	228	191	5.266	ng	# 49
84) Bis(2-ethylhexyl)phtha...	14.016	149	2566	118.483	ng	# 67
85) Di-n-octyl phthalate	14.639	149	572	17.975	ng	# 65
88) Benzo(b)fluoranthene	15.104	252	56	7.440	ng	# 1
89) Benzo(k)fluoranthene	15.139	252	91	11.875	ng	# 5
90) Benzo(a)pyrene	15.498	252	76	10.442	ng	# 1
92) Benzo(g,h,i)perylene	17.427	276	73	9.758	ng	# 54

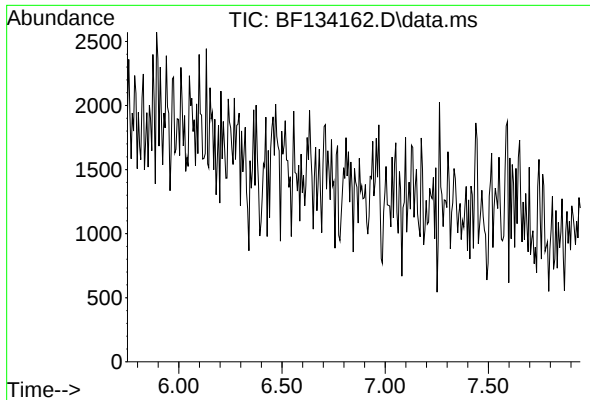
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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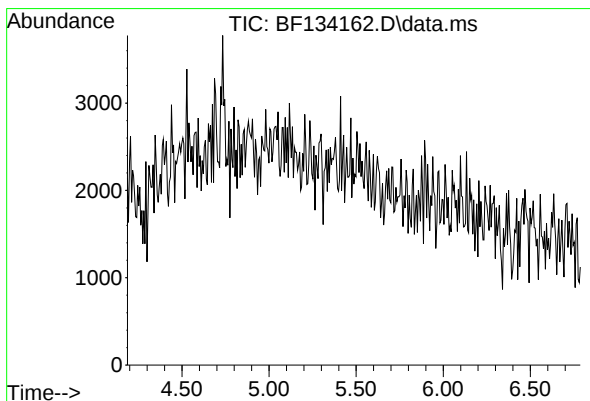
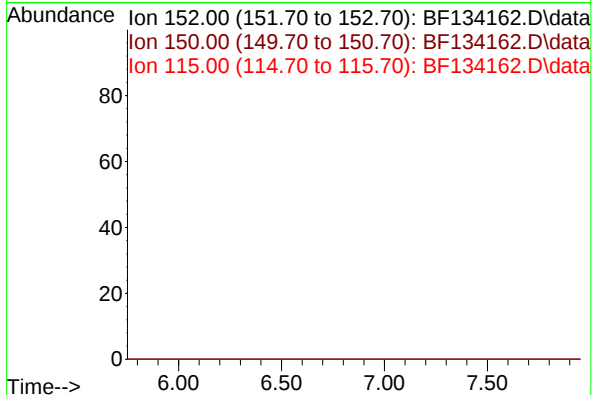


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 152

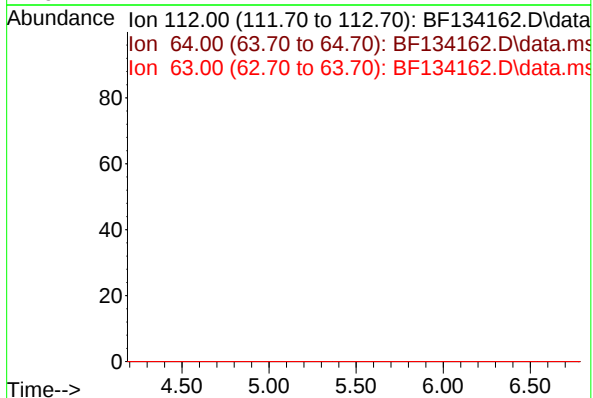
Sig	Exp Ratio
152	100
150	155.6
115	62.7

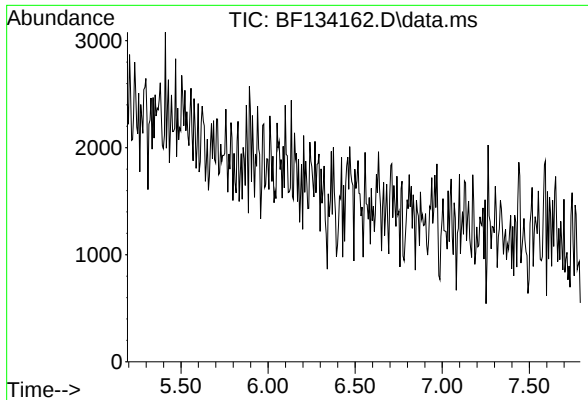


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	65.1
63	35.7



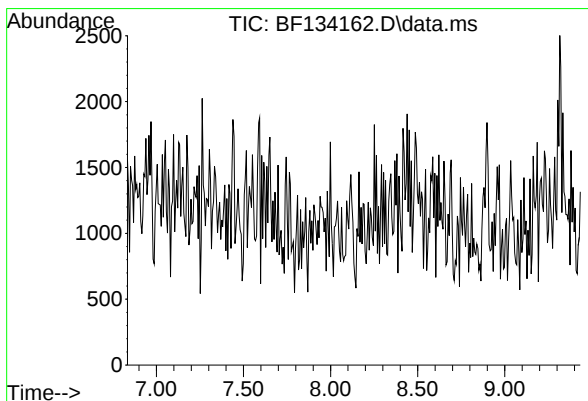
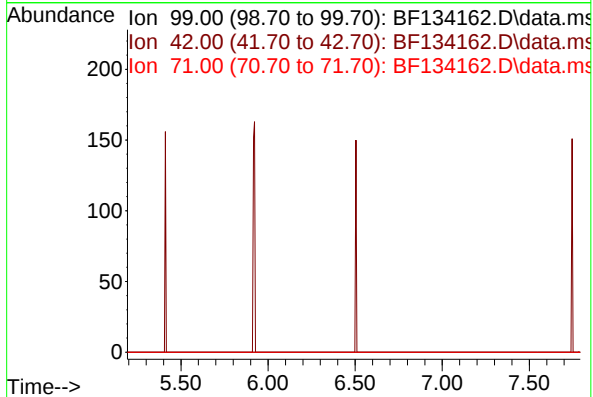


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 99

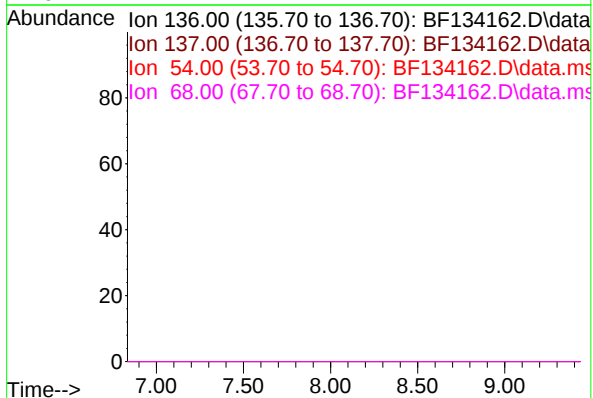
Sig	Exp Ratio
99	100
42	24.7
71	39.9

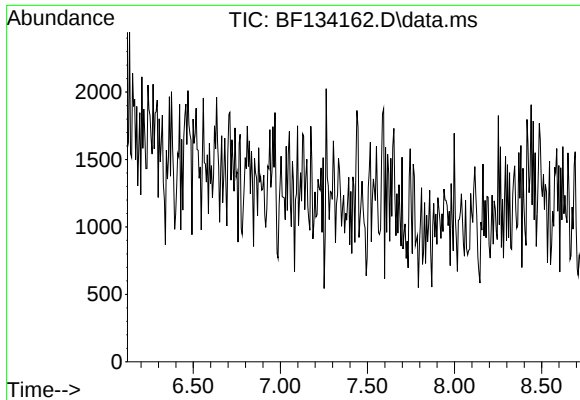


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.7
54	8.1
68	5.2



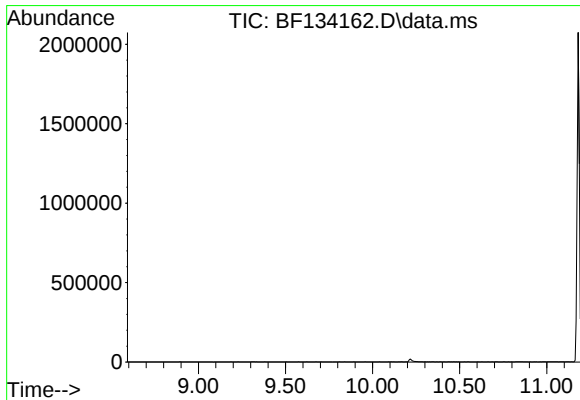
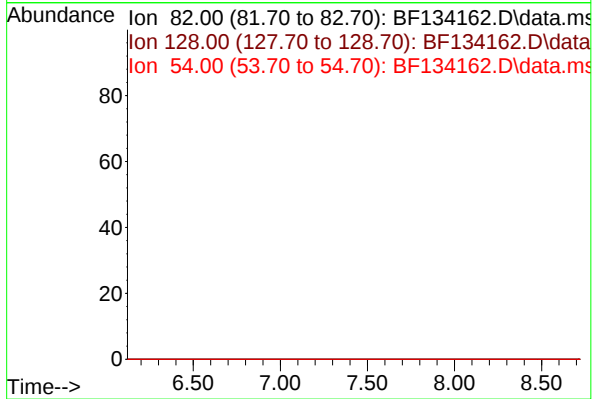


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82

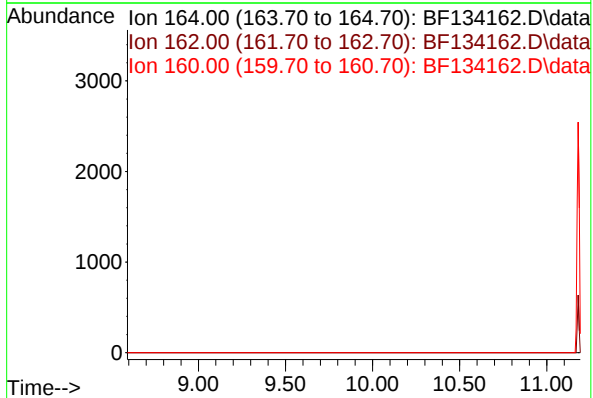
Sig	Exp Ratio
82	100
128	40.6
54	60.2

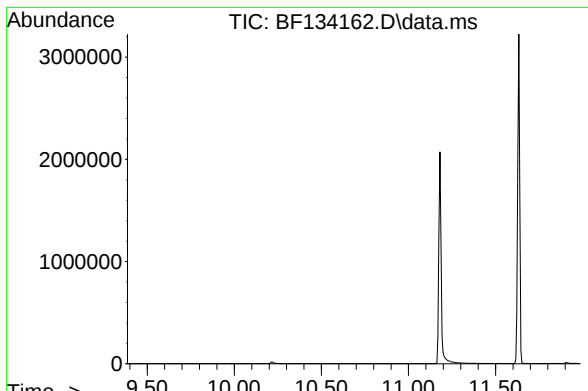


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.0
160	44.9



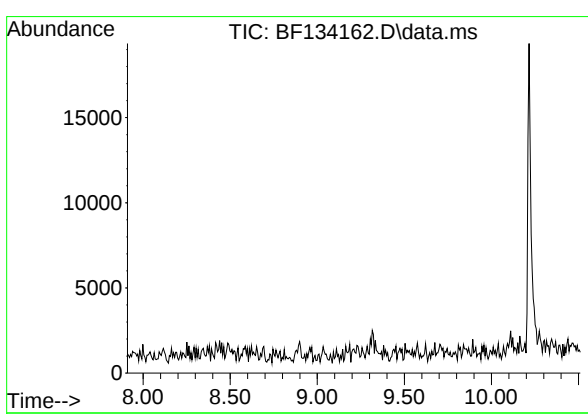
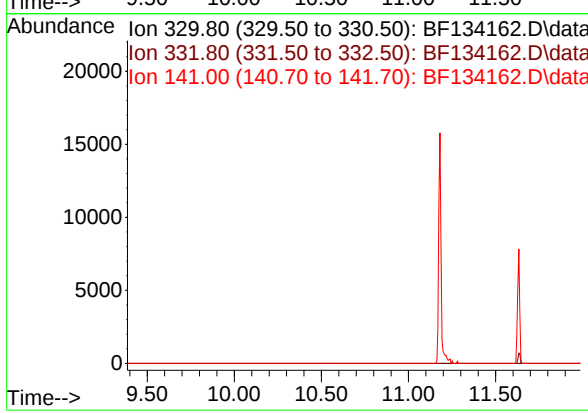


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

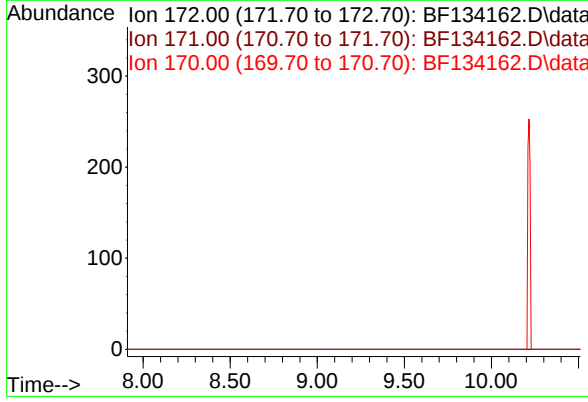
Sig	Exp Ratio
330	100
332	96.3
141	32.9

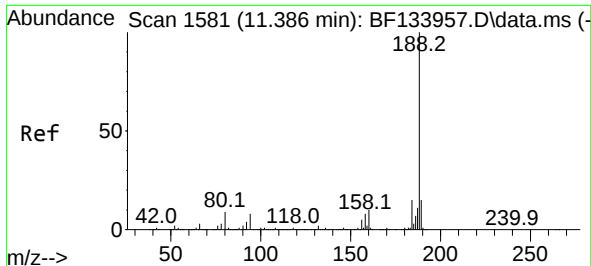


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.21 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.8
170	24.2

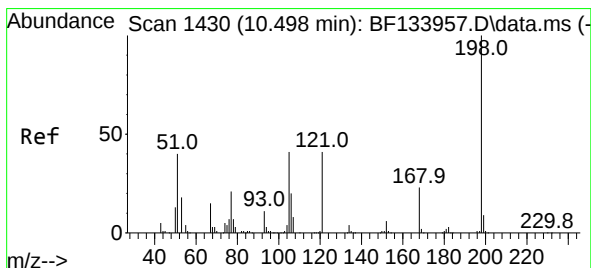
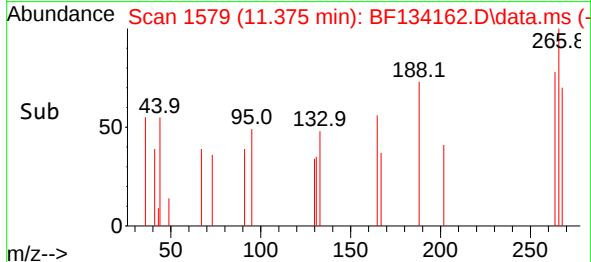
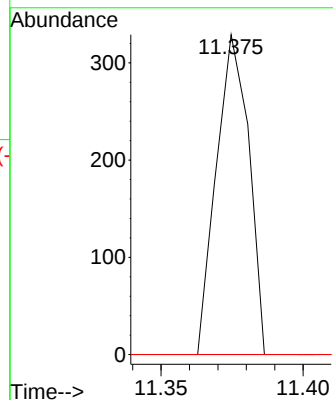
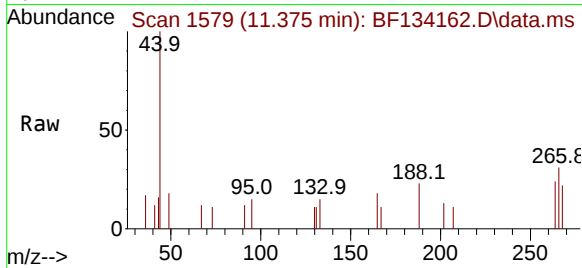




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

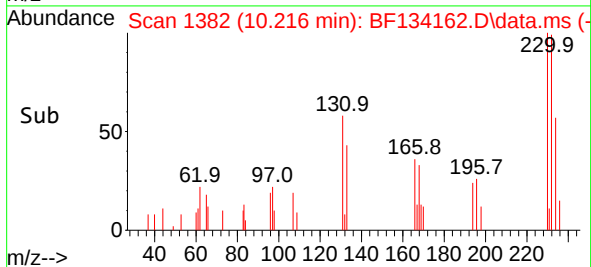
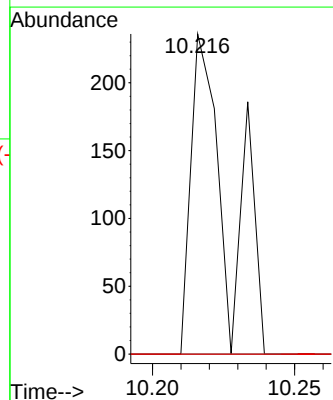
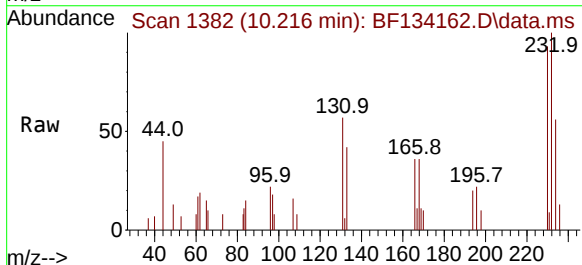
Instrument :
BNA_F
ClientSampleId :
DFTPP

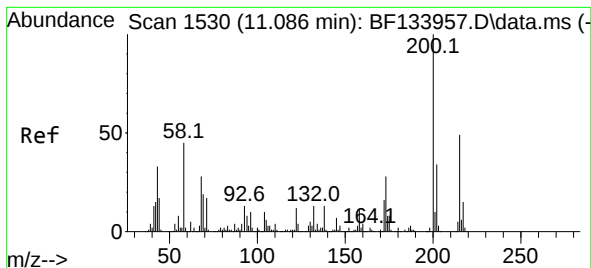
Tgt Ion:188 Resp: 261
Ion Ratio Lower Upper
188 100
94 0.0 6.4 9.6#
80 0.0 7.3 10.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 149.688 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.288 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

Tgt Ion:198 Resp: 213
Ion Ratio Lower Upper
198 100
51 0.0 29.3 69.3#
105 0.0 22.4 62.4#





#69

Atrazine

Concen: 19197.639 ng

RT: 11.181 min Scan# 11

Delta R.T. 0.094 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

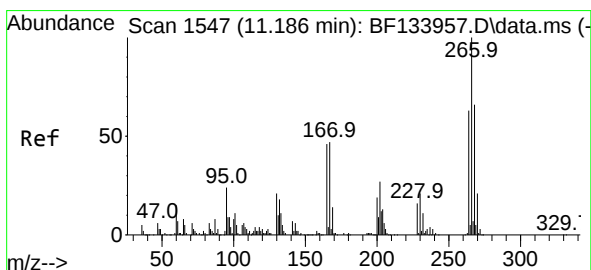
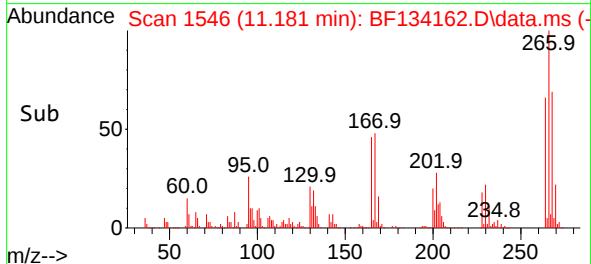
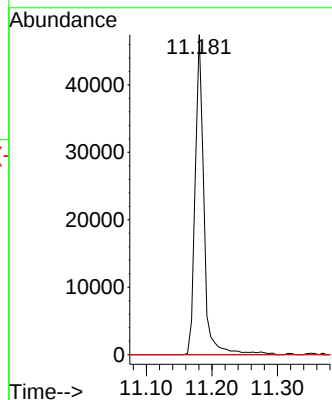
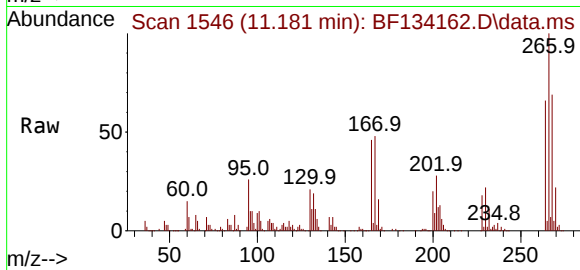
Tgt Ion:200 Resp: 44282

Ion Ratio Lower Upper

200 100

173 0.0 8.0 48.0#

215 0.0 29.3 69.3#



#70

Pentachlorophenol

Concen: 131675.952 ng

RT: 11.181 min Scan# 1546

Delta R.T. -0.012 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

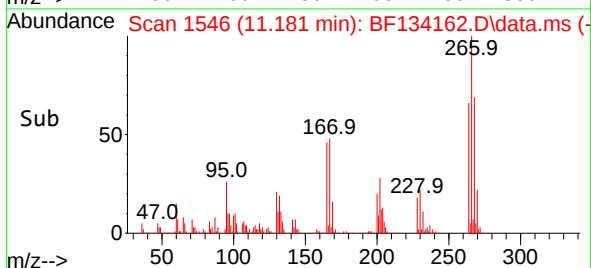
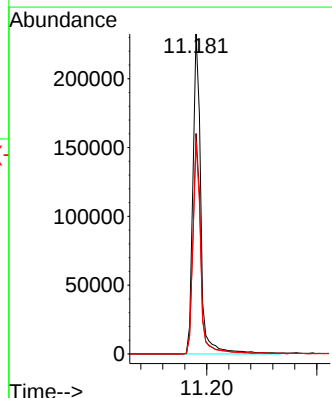
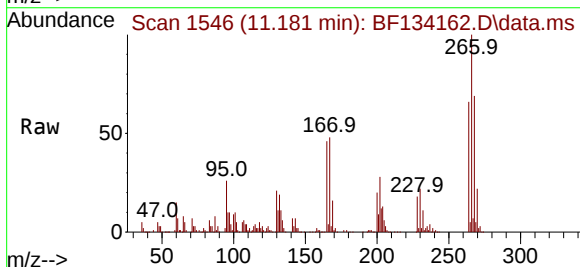
Tgt Ion:266 Resp: 231900

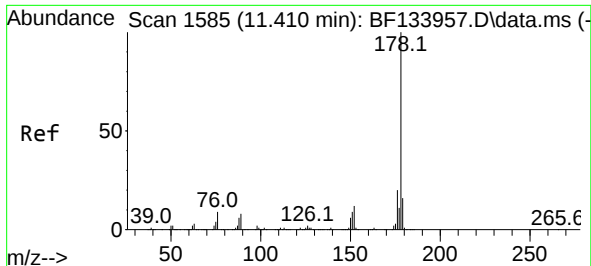
Ion Ratio Lower Upper

266 100

268 68.9 52.6 79.0

264 66.3 50.6 76.0

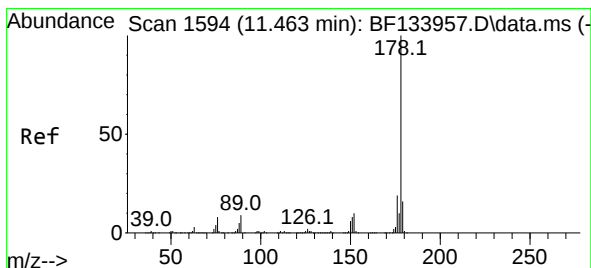
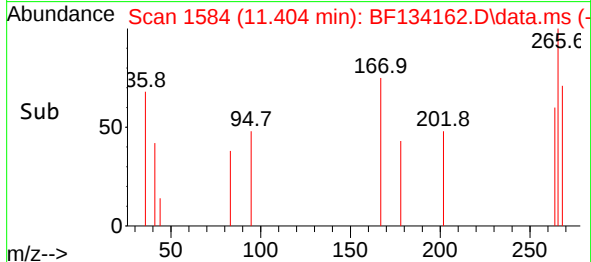
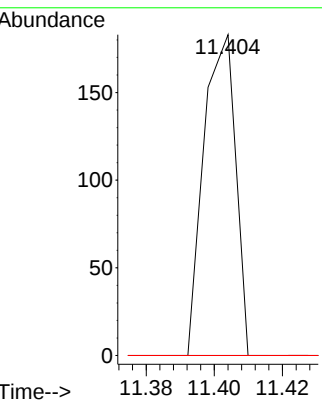
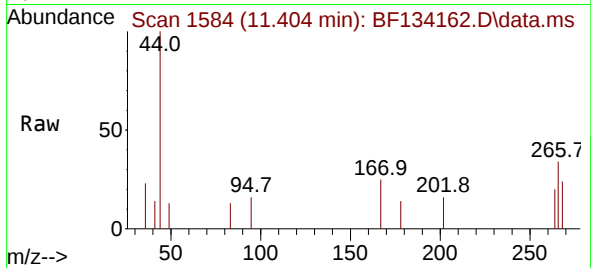




#71
Phenanthrene
Concen: 9.057 ng
RT: 11.404 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

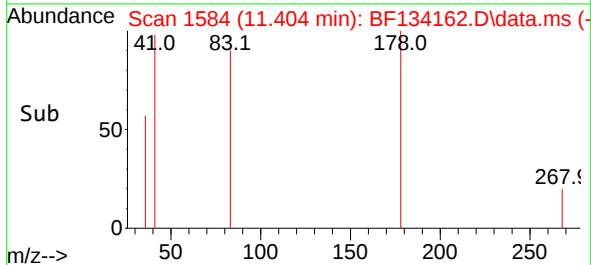
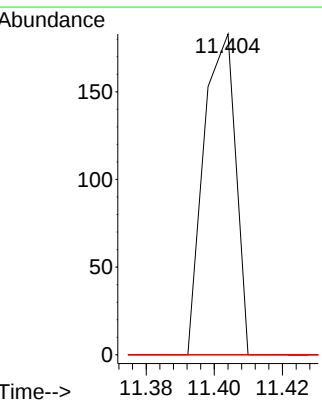
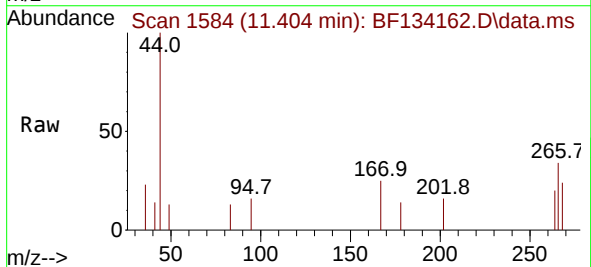
Instrument :
BNA_F
ClientSampleId :
DFTPP

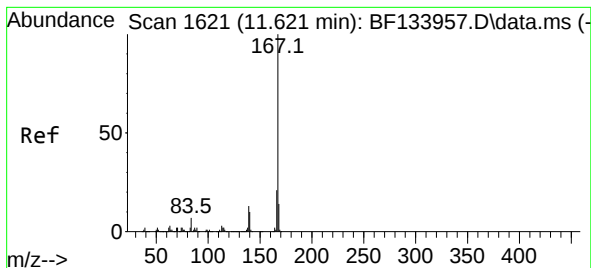
Tgt Ion:178 Resp: 119
Ion Ratio Lower Upper
178 100
176 0.0 16.0 24.0#
179 0.0 12.4 18.6#



#72
Anthracene
Concen: 8.708 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.059 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

Tgt Ion:178 Resp: 119
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 0.0 12.4 18.6#





#73

Carbazole

Concen: 1126.166 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Instrument :

BNA_F

ClientSampleId :

DFTTP

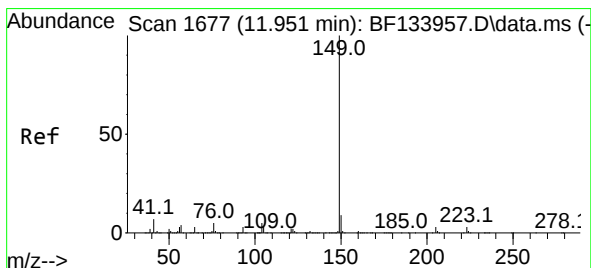
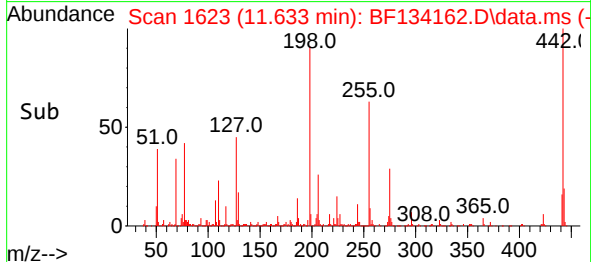
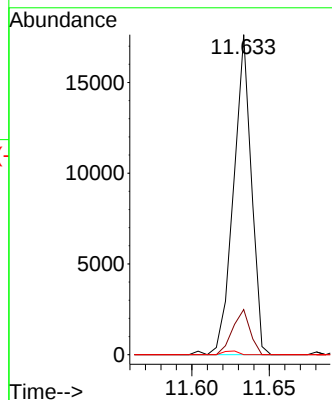
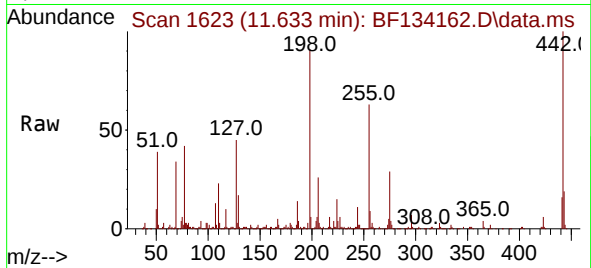
Tgt Ion:167 Resp: 14087

Ion Ratio Lower Upper

167 100

166 14.1 17.0 25.6#

139 0.0 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 29.243 ng

RT: 11.939 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

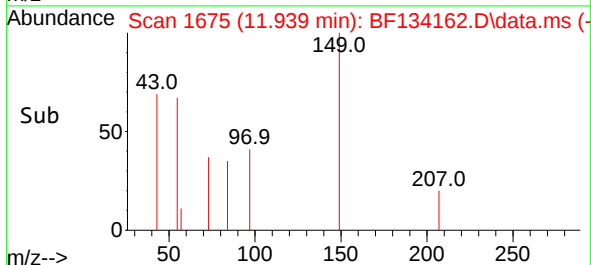
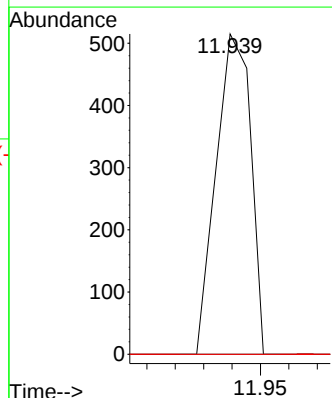
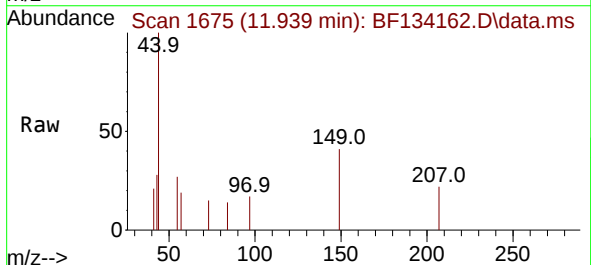
Tgt Ion:149 Resp: 435

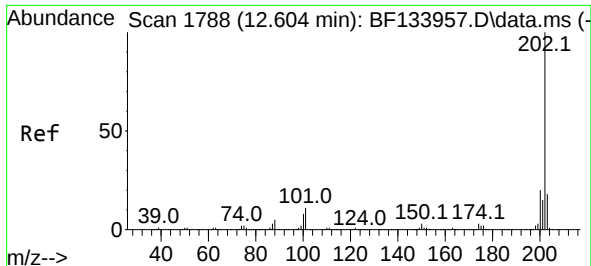
Ion Ratio Lower Upper

149 100

150 0.0 7.1 10.7#

104 0.0 4.0 6.0#

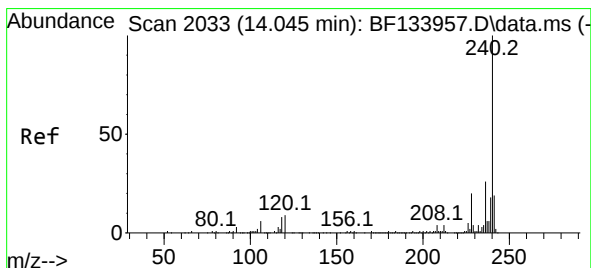
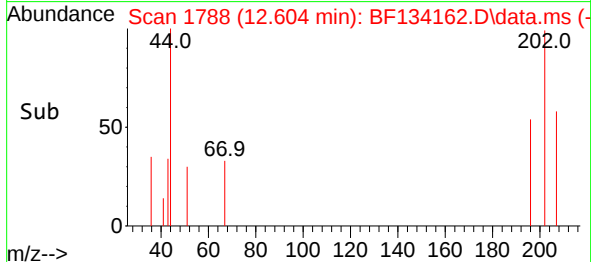
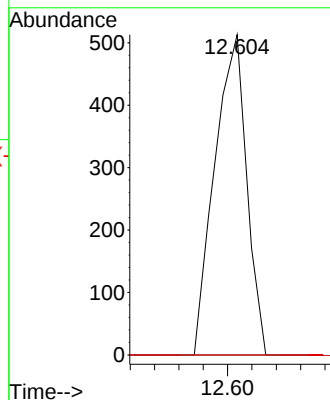
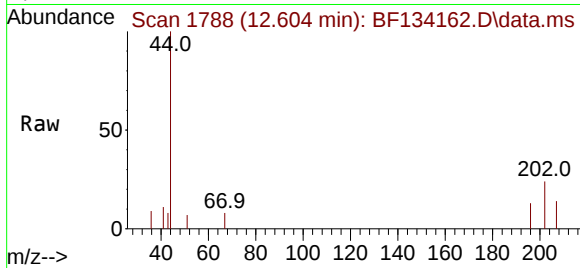




#75
Fluoranthene
Concen: 32.806 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

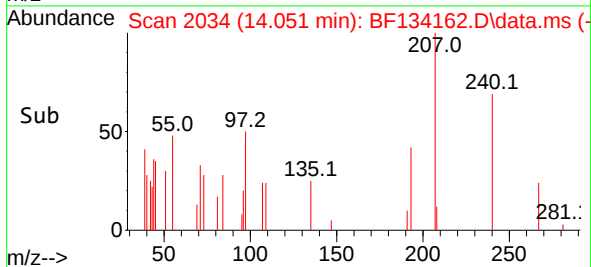
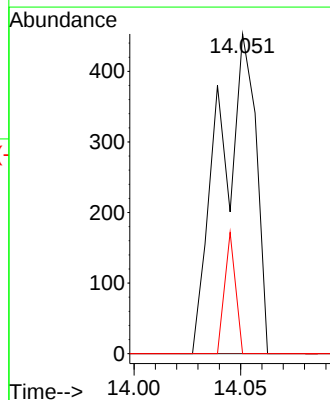
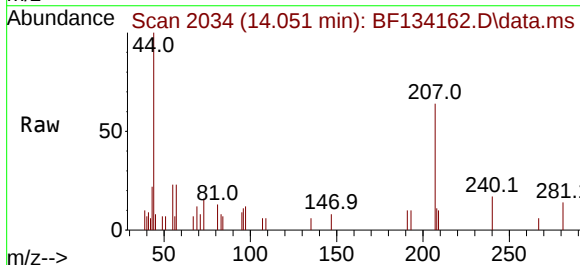
Instrument :
BNA_F
ClientSampleId :
DFTPP

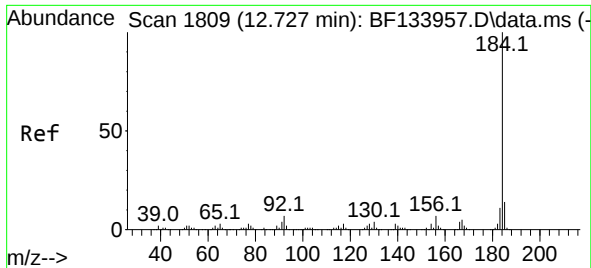
Tgt Ion:	202	Resp:	466
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.0
203	0.0	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

Tgt Ion:	240	Resp:	540
Ion	Ratio	Lower	Upper
240	100		
120	0.0	7.4	11.0#
236	0.0	21.0	31.6#

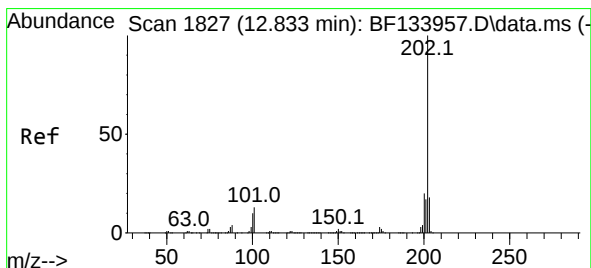
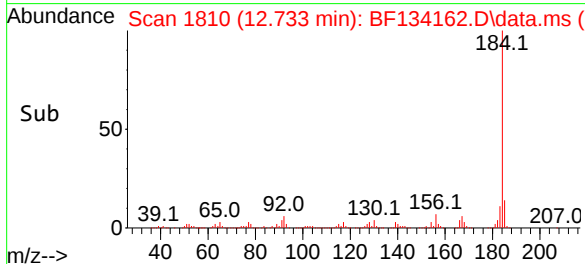
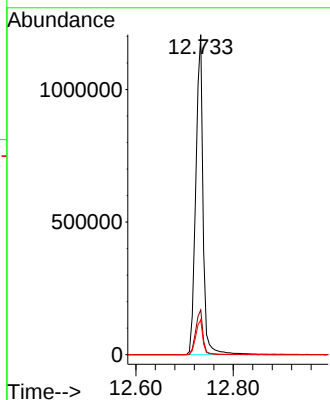
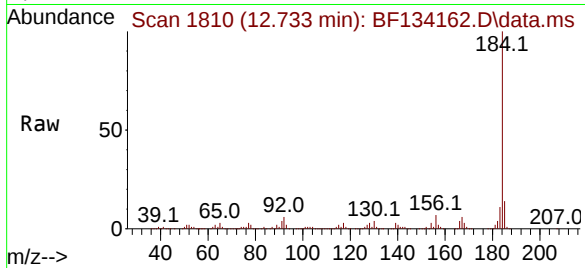




#77
Benzidine
Concen: 98152.514 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

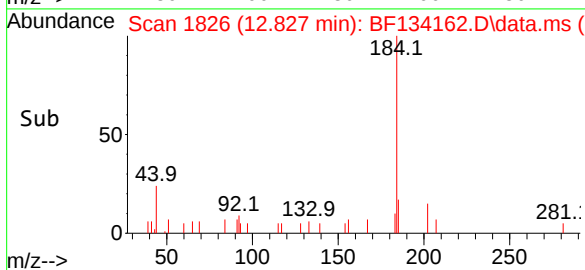
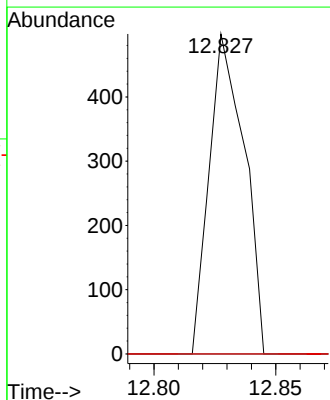
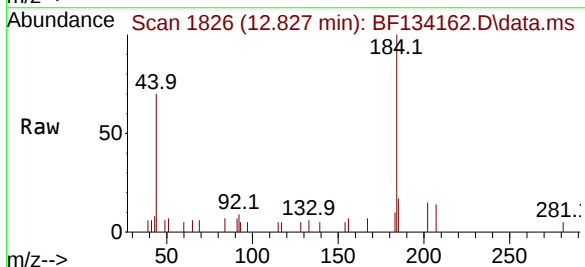
Instrument :
BNA_F
ClientSampleId :
DFTPP

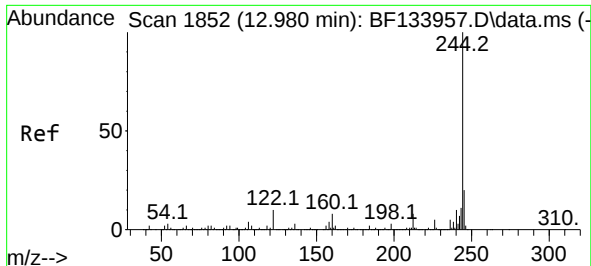
Tgt Ion:184 Resp: 1261156
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 10.9 8.8 13.2



#78
Pyrene
Concen: 9.910 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

Tgt Ion:202 Resp: 498
Ion Ratio Lower Upper
202 100
200 0.0 16.1 24.1#
203 0.0 14.3 21.5#

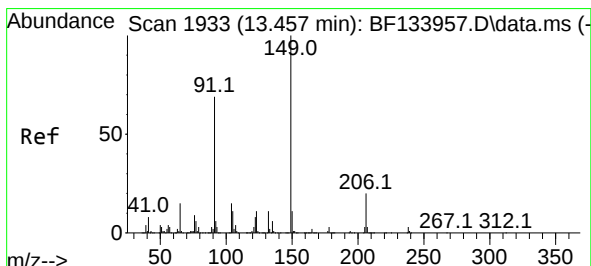
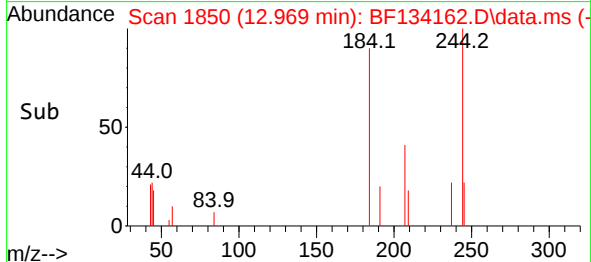
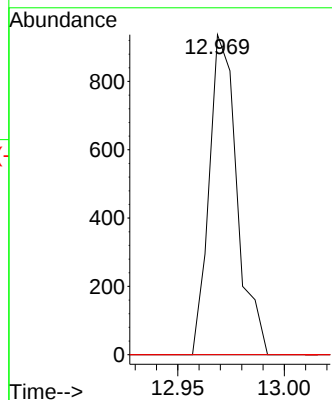
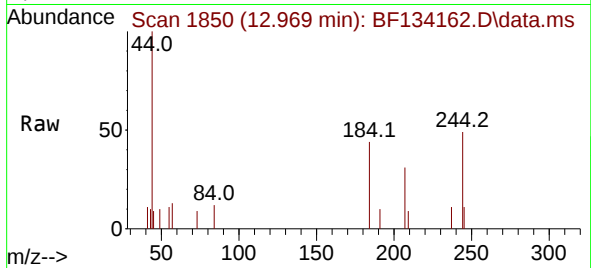




#79
 Terphenyl-d14
 Concen: 25.482 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

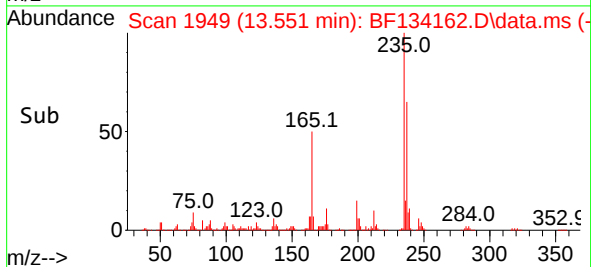
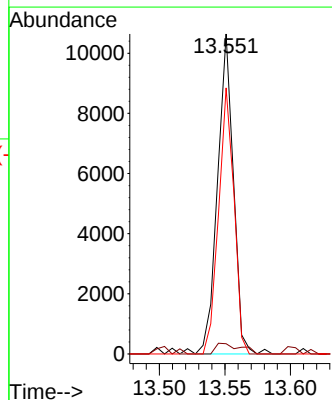
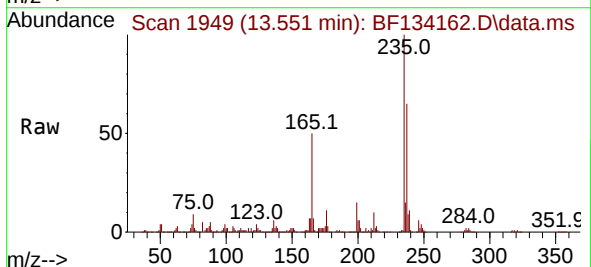
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

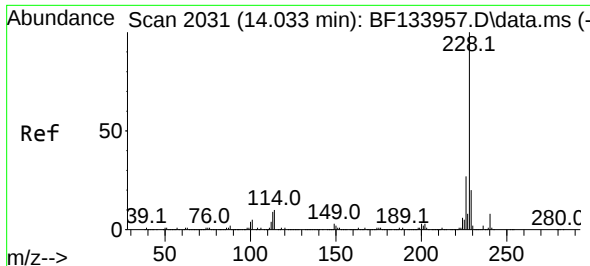
Tgt Ion:244 Resp: 855
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 478.890 ng
 RT: 13.551 min Scan# 1949
 Delta R.T. 0.094 min
 Lab File: BF134162.D
 Acq: 08 Jul 2023 23:24

Tgt Ion:149 Resp: 9026
 Ion Ratio Lower Upper
 149 100
 91 3.2 55.1 82.7#
 206 83.1 15.7 23.5#

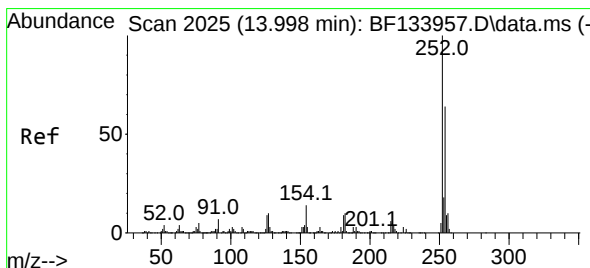
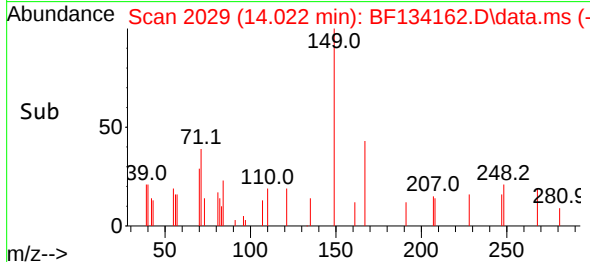
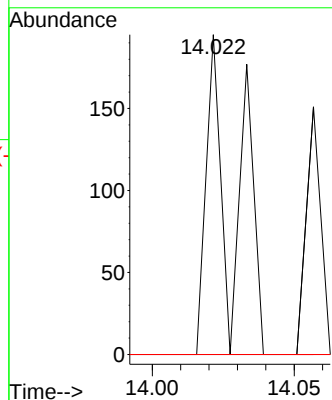
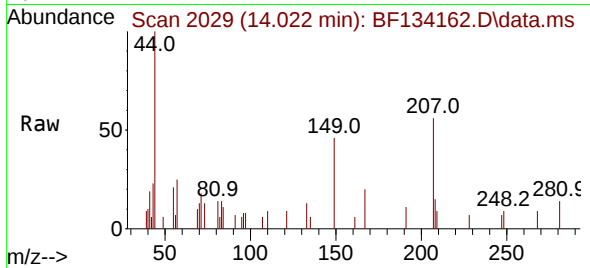




#81
Benzo(a)anthracene
Concen: 3.498 ng
RT: 14.022 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

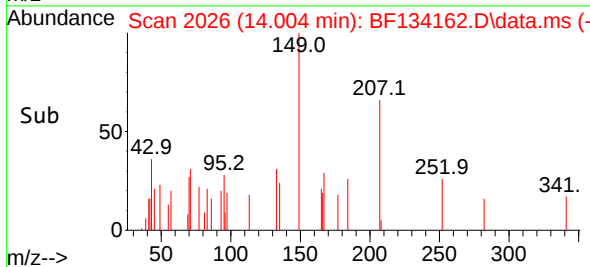
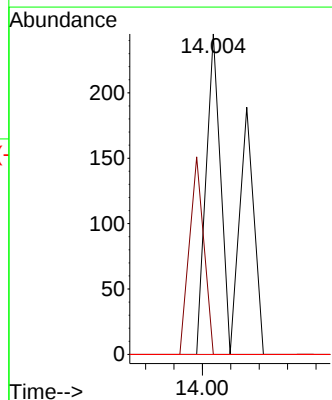
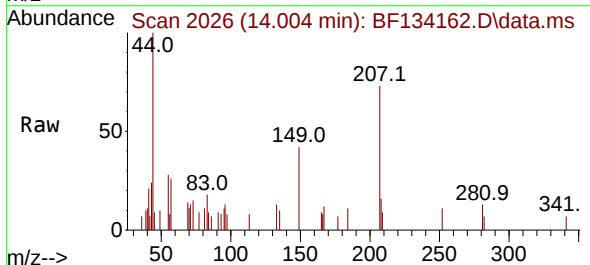
Instrument :
BNA_F
ClientSampleId :
DFTPP

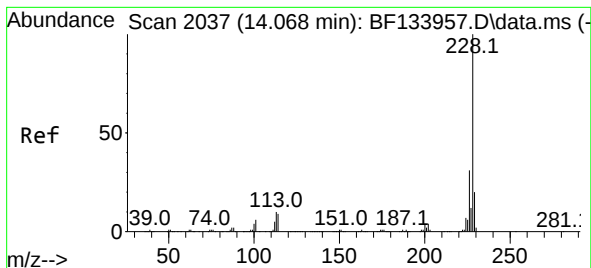
Tgt Ion:228 Resp: 131
Ion Ratio Lower Upper
228 100
226 0.0 22.0 33.0#
229 0.0 16.3 24.5#



#82
3,3'-Dichlorobenzidine
Concen: 12.895 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF134162.D
Acq: 08 Jul 2023 23:24

Tgt Ion:252 Resp: 153
Ion Ratio Lower Upper
252 100
254 0.0 51.4 77.0#
126 0.0 7.4 11.2#





#83

Chrysene

Concen: 5.266 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

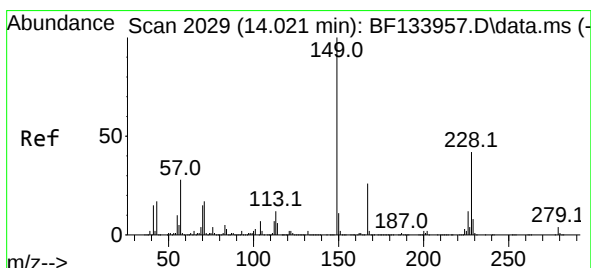
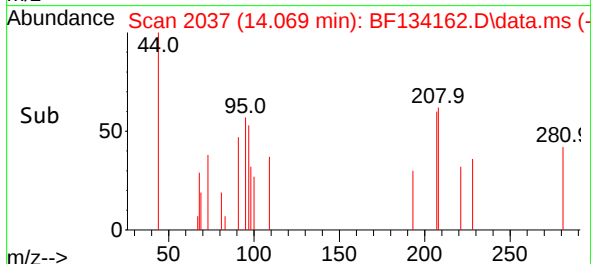
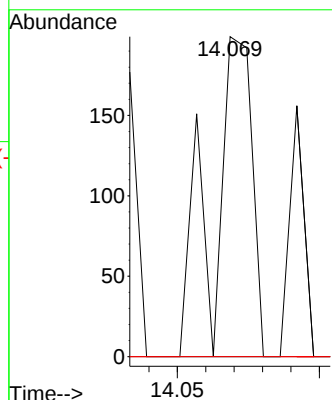
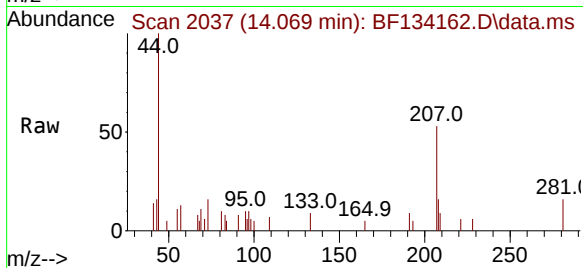
Tgt Ion:228 Resp: 191

Ion Ratio Lower Upper

228 100

226 0.0 24.4 36.6#

229 0.0 16.1 24.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 118.483 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

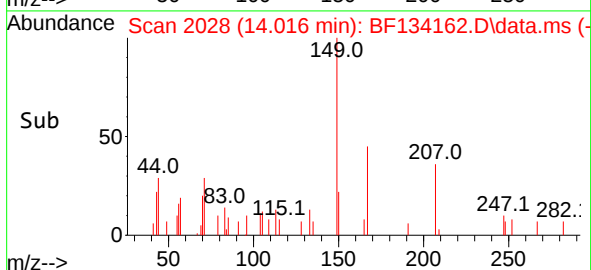
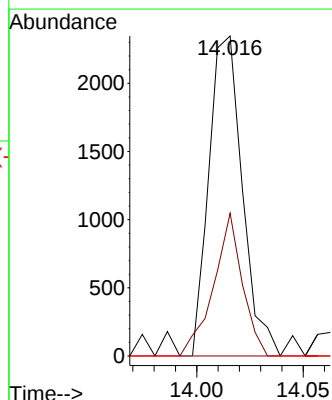
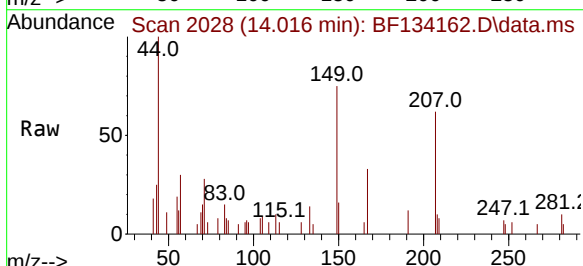
Tgt Ion:149 Resp: 2566

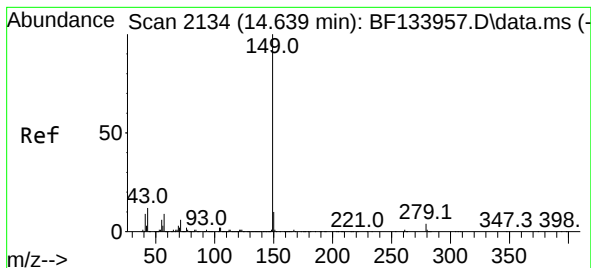
Ion Ratio Lower Upper

149 100

167 44.6 21.0 31.4#

279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 17.975 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

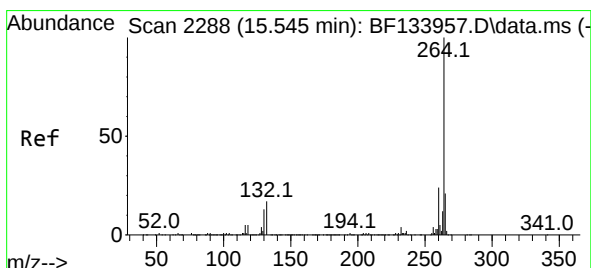
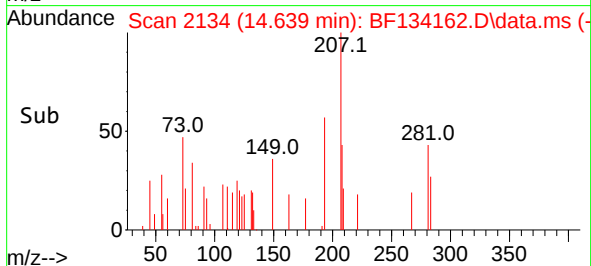
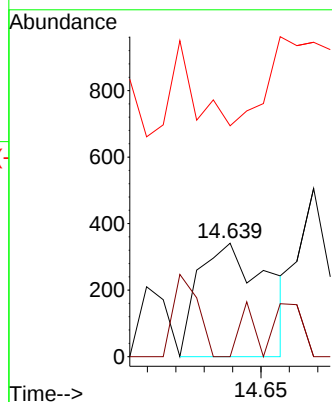
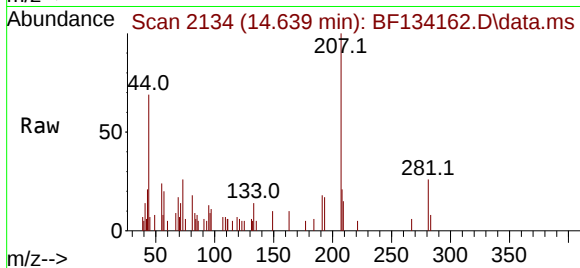
Tgt Ion:149 Resp: 572

Ion Ratio Lower Upper

149 100

167 29.5 1.3 1.9#

43 0.0 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.000 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

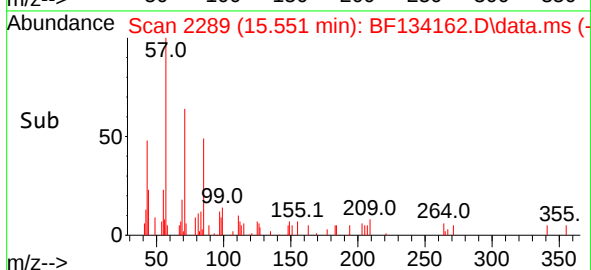
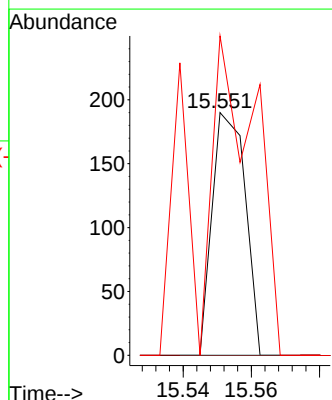
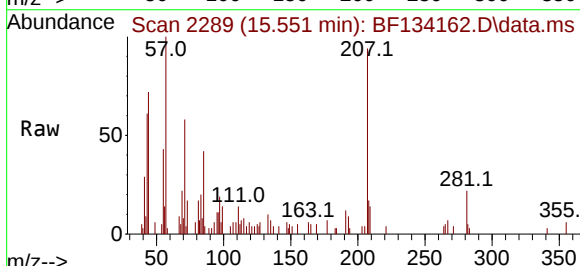
Tgt Ion:264 Resp: 128

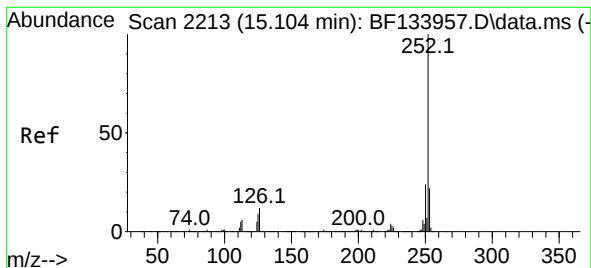
Ion Ratio Lower Upper

264 100

260 0.0 19.5 29.3#

265 131.6 16.6 25.0#





#88

Benzo(b)fluoranthene

Concen: 7.440 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

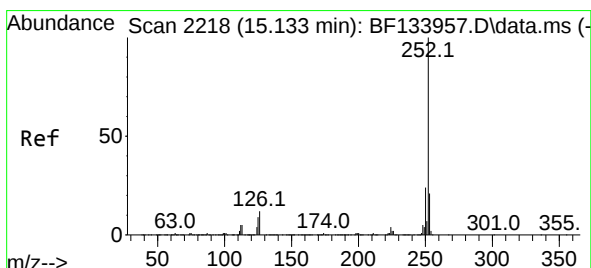
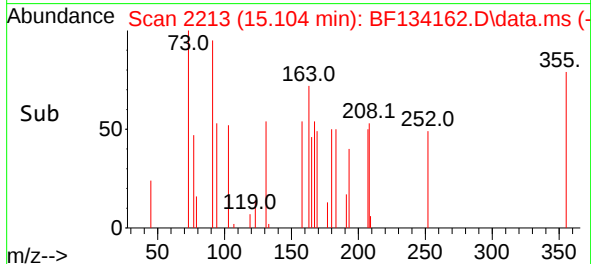
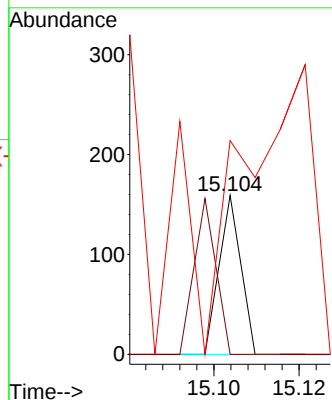
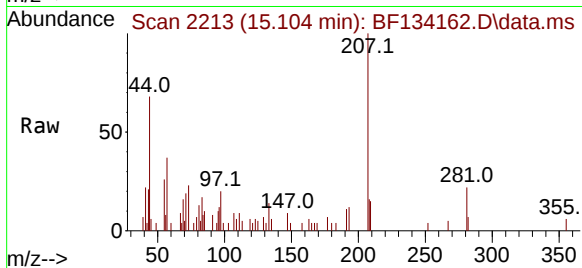
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 134.6 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 11.875 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

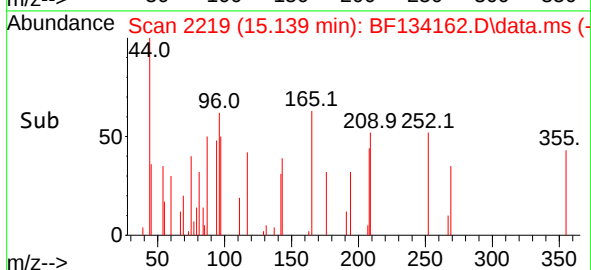
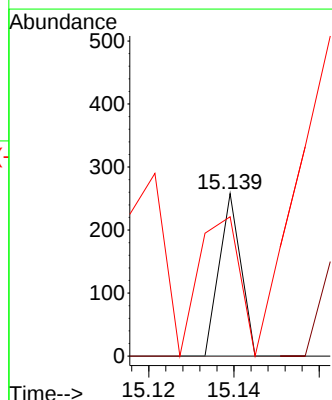
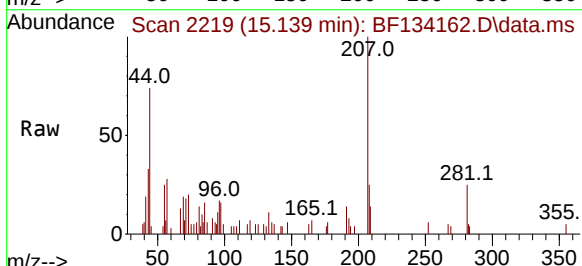
Tgt Ion:252 Resp: 91

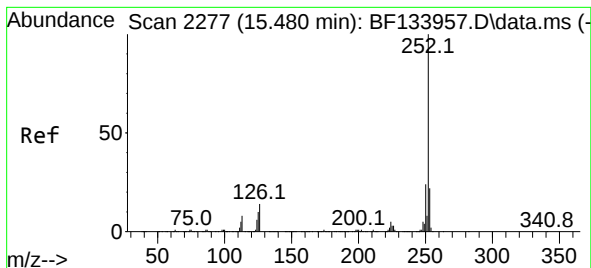
Ion Ratio Lower Upper

252 100

253 0.0 16.9 25.3#

125 85.7 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 10.442 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

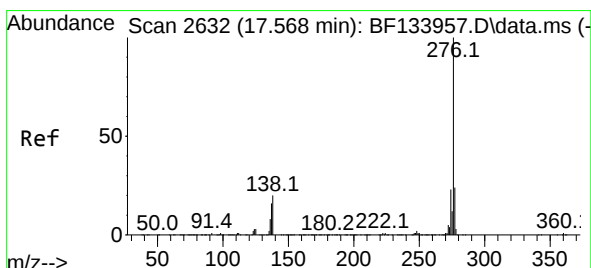
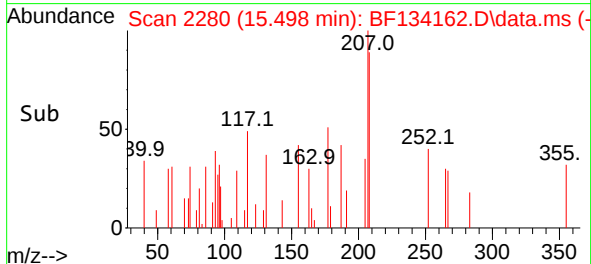
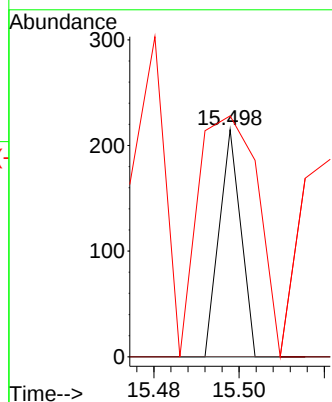
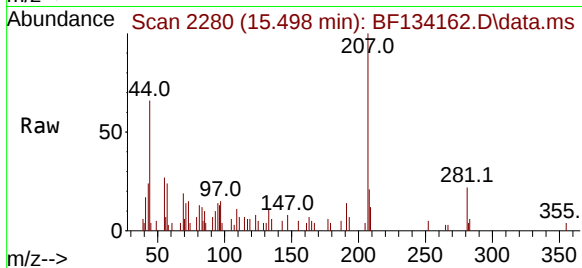
Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 106.0 8.4 12.6#



#92

Benzo(g,h,i)perylene

Concen: 9.758 ng

RT: 17.427 min Scan# 2608

Delta R.T. -0.153 min

Lab File: BF134162.D

Acq: 08 Jul 2023 23:24

Tgt Ion:276 Resp: 73

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.6#

138 0.0 16.2 24.2#

