

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134236.D
 Acq On : 12 Jul 2023 03:54
 Operator : CG\JU
 Sample : 03375-07 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 04:19:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

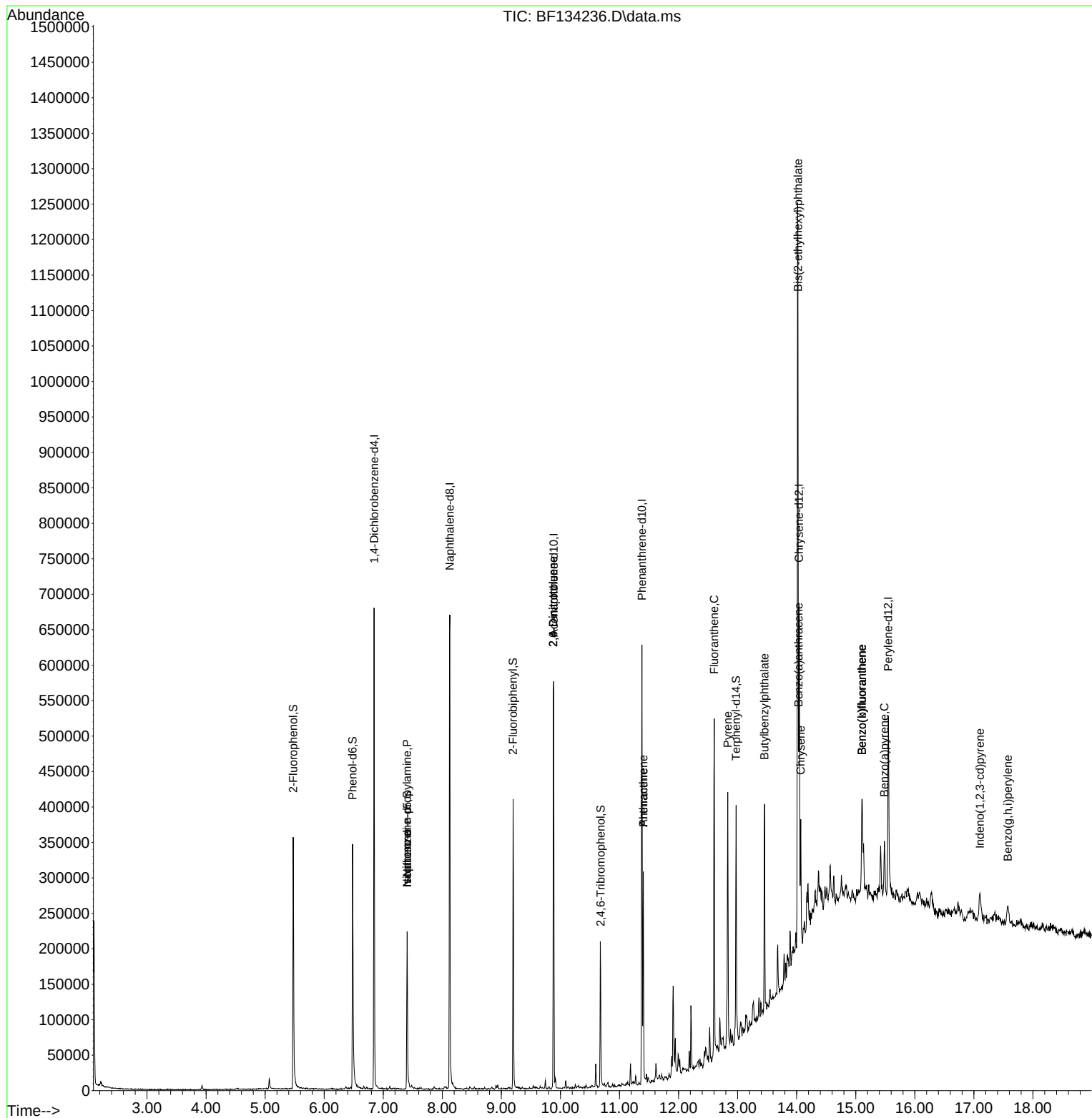
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90380	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	304550	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	120599	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	213598	20.000	ng	0.00
76) Chrysene-d12	14.039	240	154000	20.000	ng	0.00
86) Perylene-d12	15.551	264	122516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	97945	18.128	ng	0.00
7) Phenol-d6	6.481	99	112729	16.965	ng	0.00
23) Nitrobenzene-d5	7.404	82	65900	11.664	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	23713	15.682	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	115429	13.916	ng	0.00
79) Terphenyl-d14	12.974	244	108474	11.336	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	572	Below Cal		Qvalue # 62
19) n-Nitroso-di-n-propyla...	7.404	70	9352	2.219	ng	# 80
25) Isophorone	7.404	82	65899	6.418	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	15419	8.178	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	15419	6.192	ng	# 22
71) Phenanthrene	11.404	178	96079	8.935	ng	99
72) Anthracene	11.404	178	96079	8.591	ng	99
75) Fluoranthene	12.604	202	186214	16.019	ng	97
78) Pyrene	12.833	202	145676	10.165	ng	99
80) Butylbenzylphthalate	13.457	149	63050	11.730	ng	93
81) Benzo(a)anthracene	14.033	228	42754	4.003	ng	97
83) Chrysene	14.069	228	71787	6.940	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	313949	50.831	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	28224	3.320	ng	94
88) Benzo(b)fluoranthene	15.104	252	99145	13.762	ng	# 93
89) Benzo(k)fluoranthene	15.104	252	99145	13.517	ng	# 93
90) Benzo(a)pyrene	15.486	252	35543	5.102	ng	# 90
92) Benzo(g,h,i)perylene	17.574	276	25448	3.554	ng	# 89

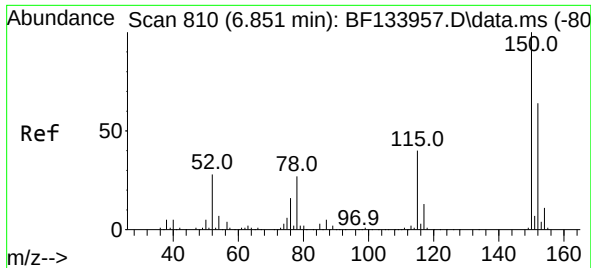
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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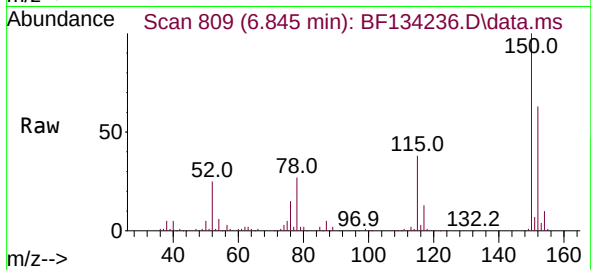
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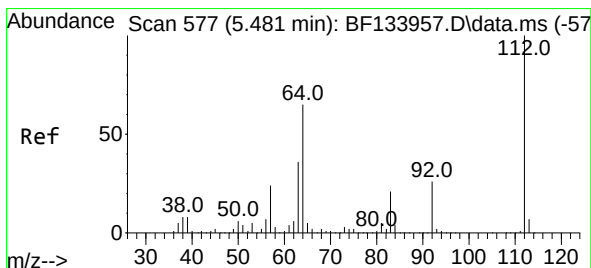
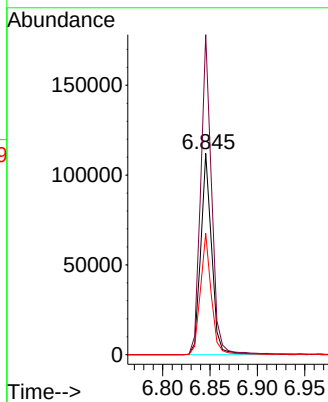
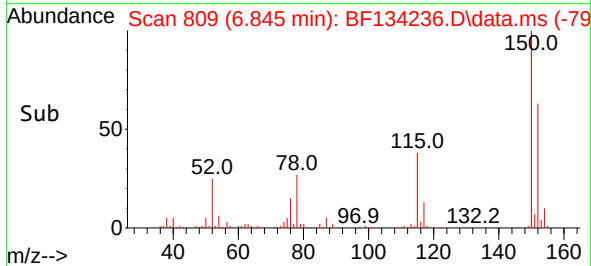


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

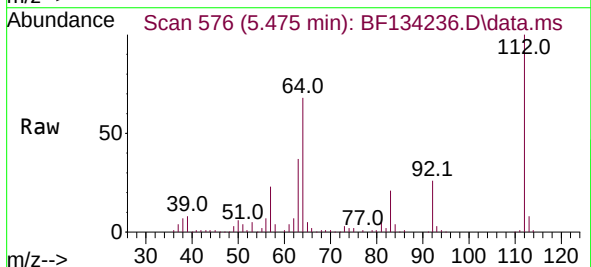
Instrument :
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 ClientSampleId :



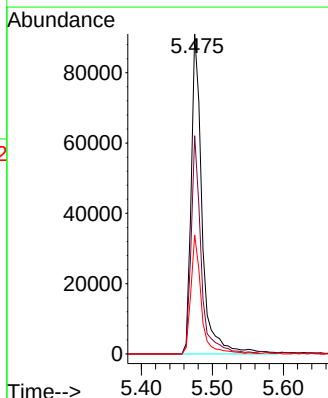
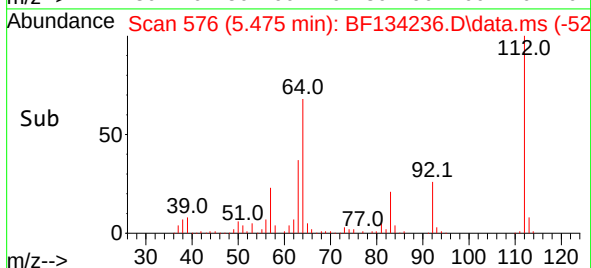
Tgt Ion:152 Resp: 90380
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.5 186.7
 115 60.2 50.2 75.2

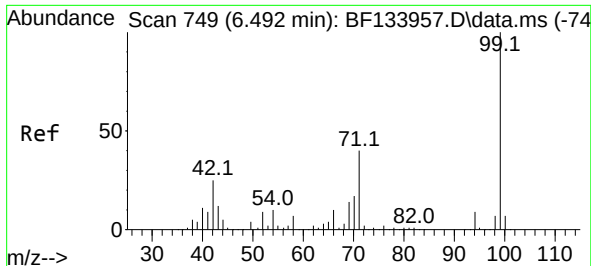


#5
 2-Fluorophenol
 Concen: 18.128 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54



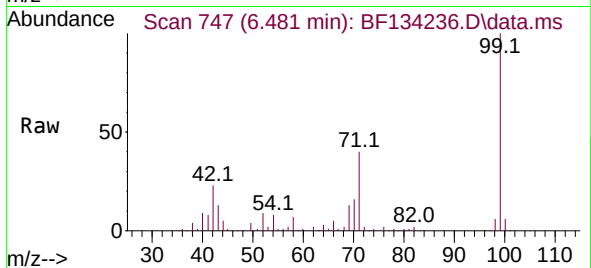
Tgt Ion:112 Resp: 97945
 Ion Ratio Lower Upper
 112 100
 64 68.2 52.1 78.1
 63 37.2 28.6 42.8



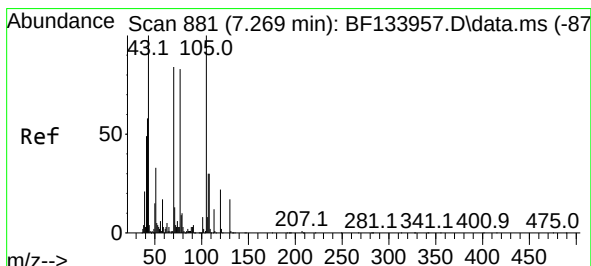
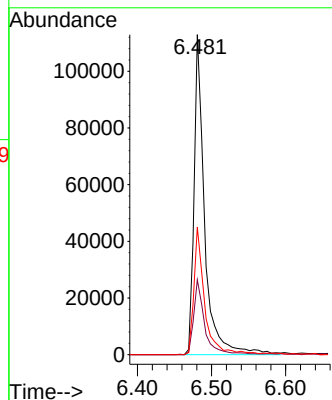
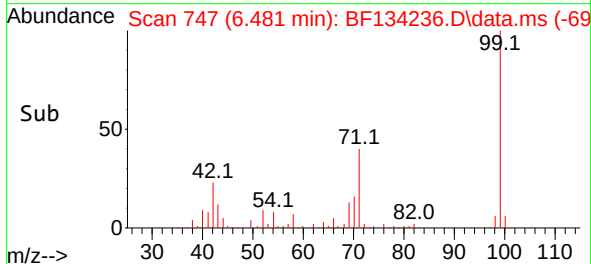


#7
Phenol-d6
Concen: 16.965 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

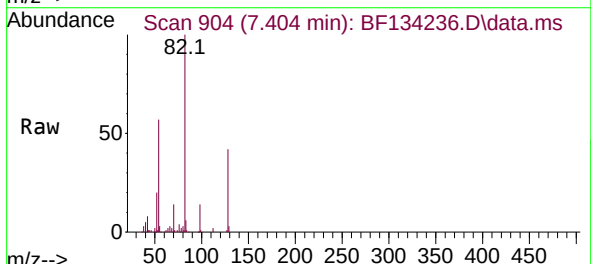
Instrument :
BNA_F
ClientSampleId :



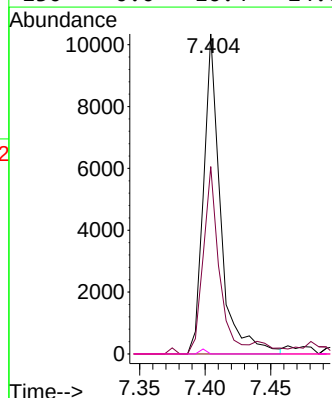
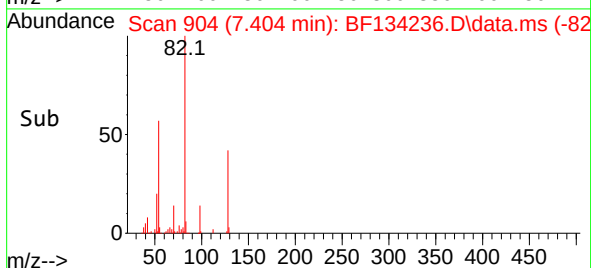
Tgt Ion: 99 Resp: 112729
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.9 31.9 47.9

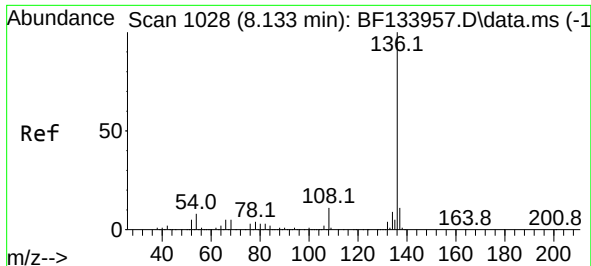


#19
n-Nitroso-di-n-propylamine
Concen: 2.219 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54



Tgt Ion: 70 Resp: 9352
Ion Ratio Lower Upper
70 100
42 58.6 54.7 82.1
101 0.0 7.7 11.5#
130 0.0 16.4 24.6#

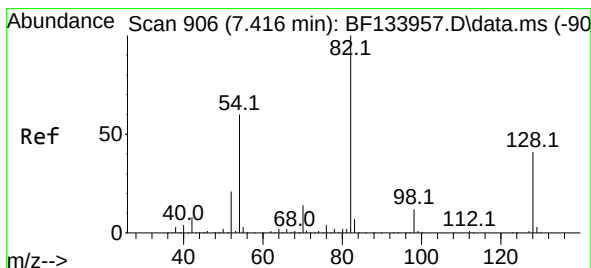
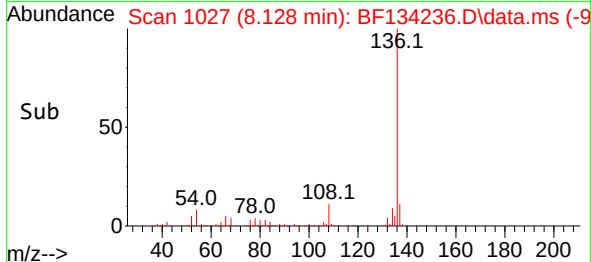
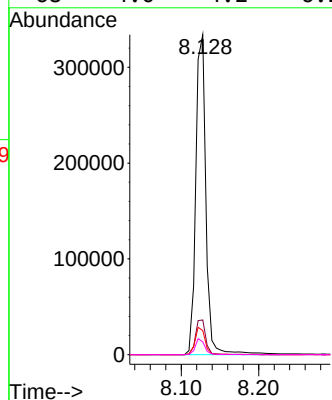
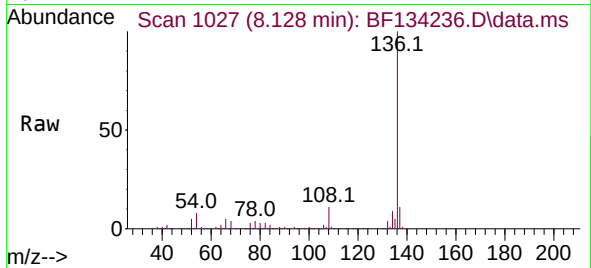




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

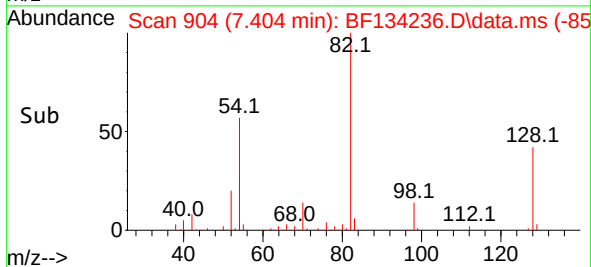
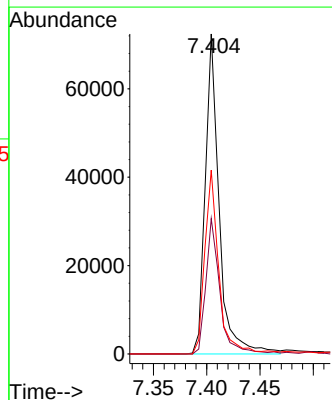
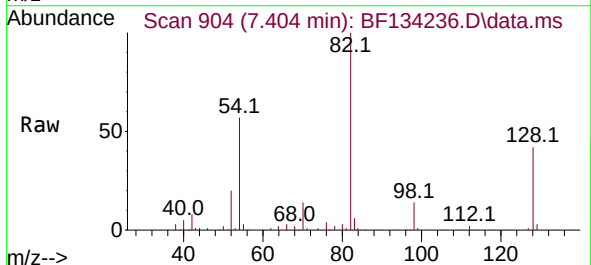
Instrument :
BNA_F
ClientSampleId :

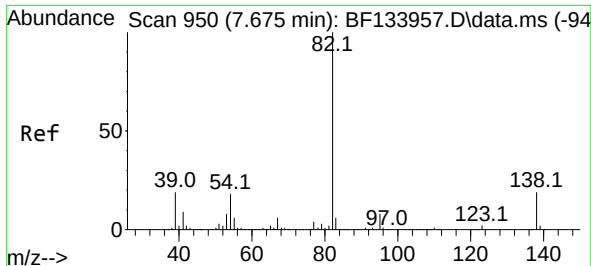
Tgt Ion:136 Resp: 304550
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.6 6.5 9.7
68 4.0 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 11.664 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

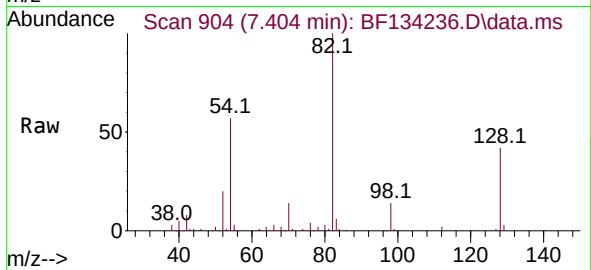
Tgt Ion: 82 Resp: 65900
Ion Ratio Lower Upper
82 100
128 42.3 32.5 48.7
54 57.4 48.2 72.2



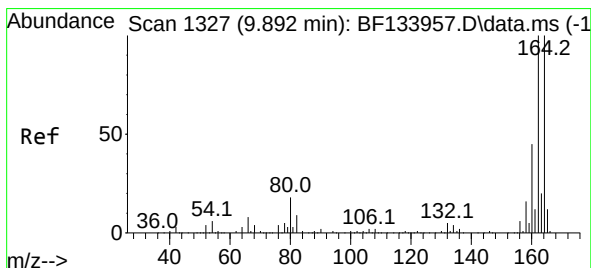
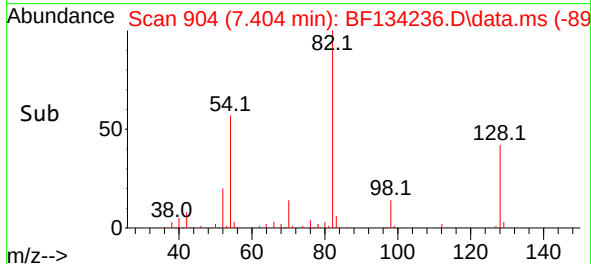
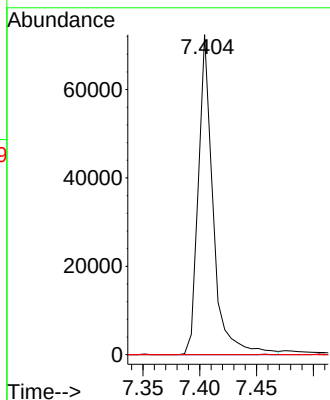


#25
Isophorone
Concen: 6.418 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

Instrument :
BNA_F
ClientSampleId :

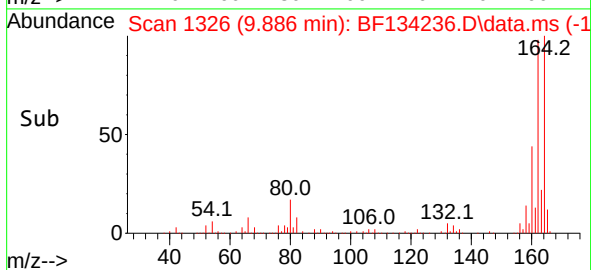
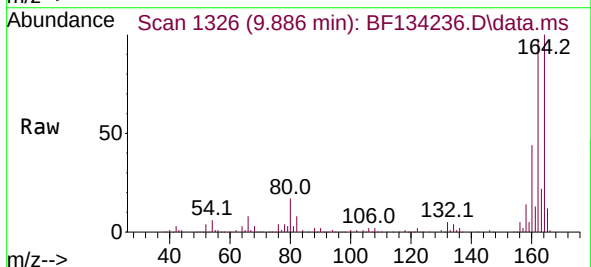
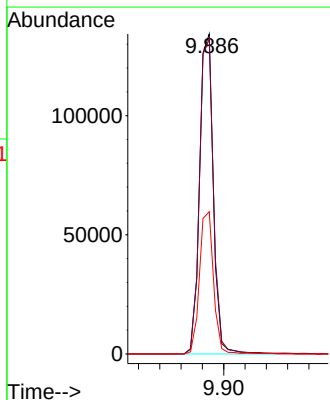


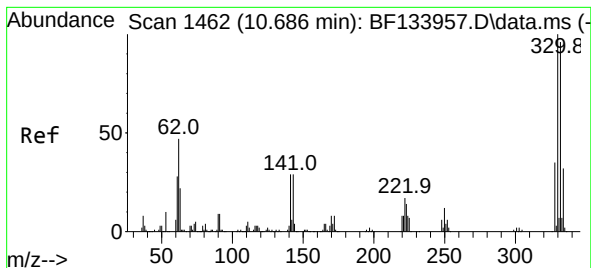
Tgt Ion: 82 Resp: 65899
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

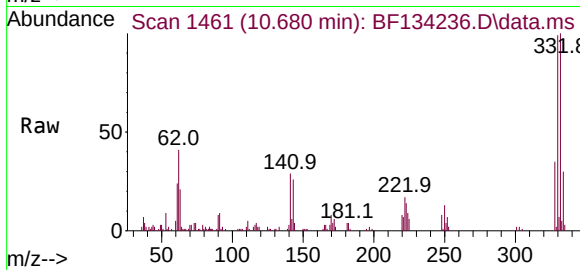
Tgt Ion:164 Resp: 120599
Ion Ratio Lower Upper
164 100
162 98.4 80.0 120.0
160 44.4 35.9 53.9



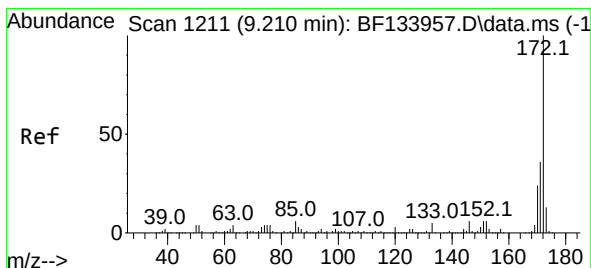
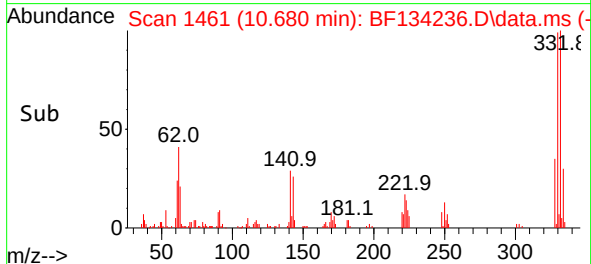
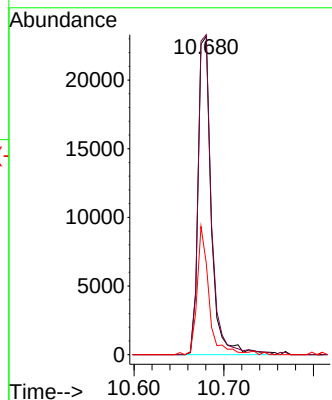


#42
2,4,6-Tribromophenol
Concen: 15.682 ng
RT: 10.680 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

Instrument :
BNA_F
ClientSampleId :

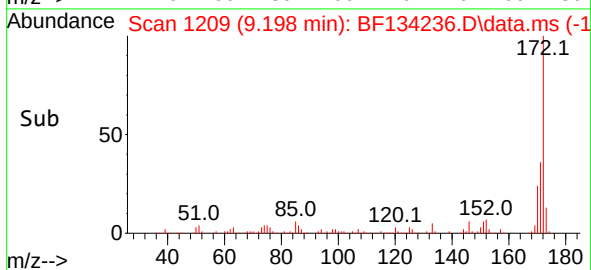
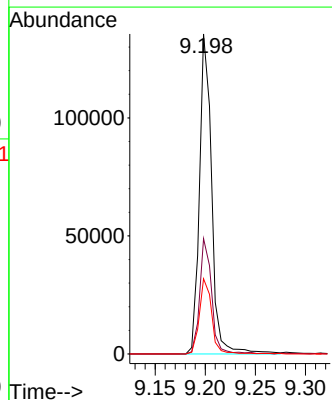
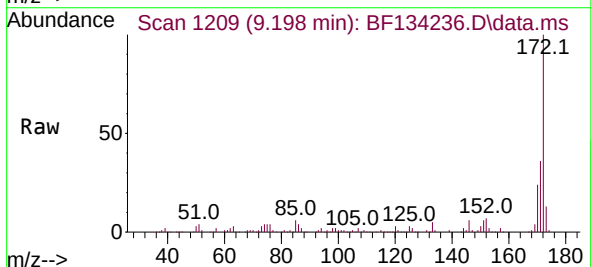


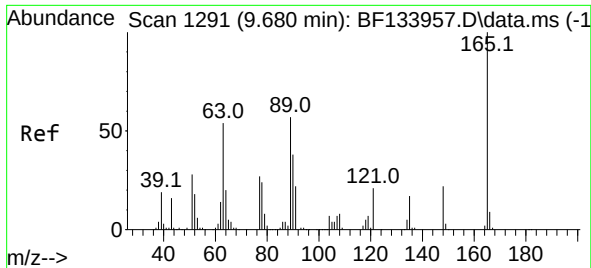
Tgt Ion: 330 Resp: 23713
Ion Ratio Lower Upper
330 100
332 101.3 77.0 115.6
141 35.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 13.916 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

Tgt Ion: 172 Resp: 115429
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.178 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

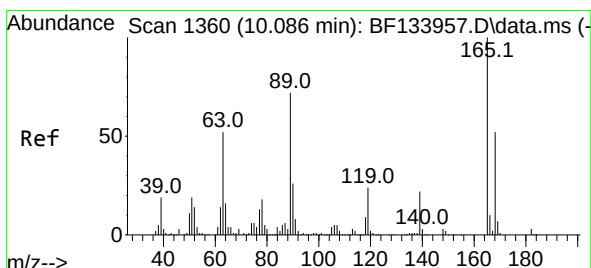
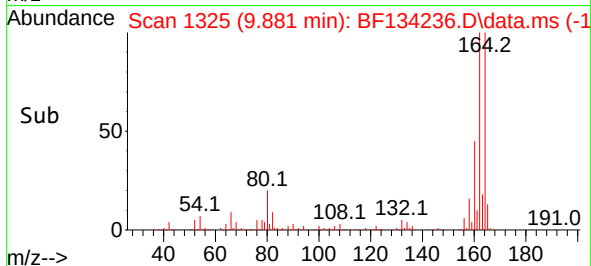
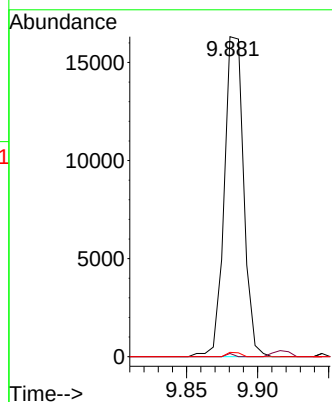
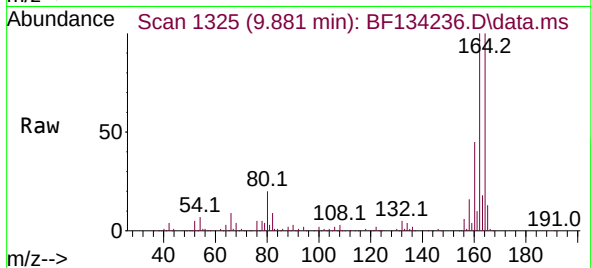
Tgt Ion:165 Resp: 15419

Ion Ratio Lower Upper

165 100

63 1.0 48.5 72.7#

89 1.4 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.192 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Tgt Ion:165 Resp: 15419

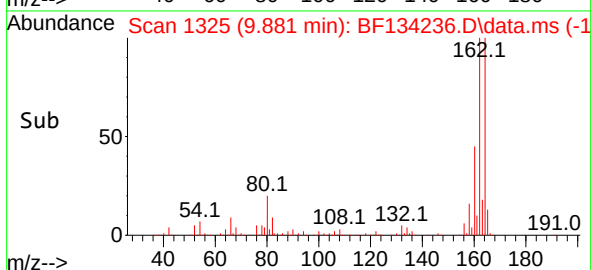
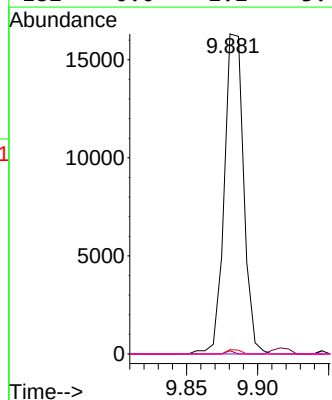
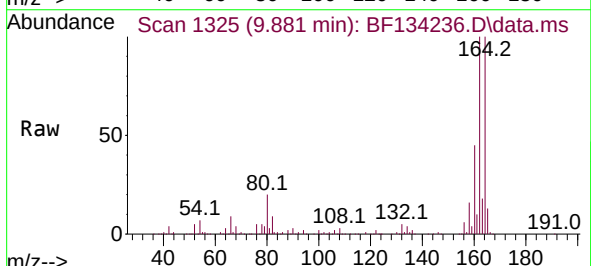
Ion Ratio Lower Upper

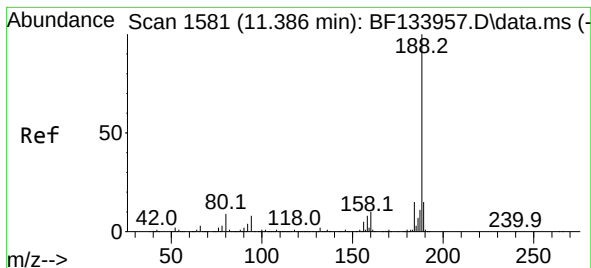
165 100

63 1.0 42.2 63.2#

89 1.4 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

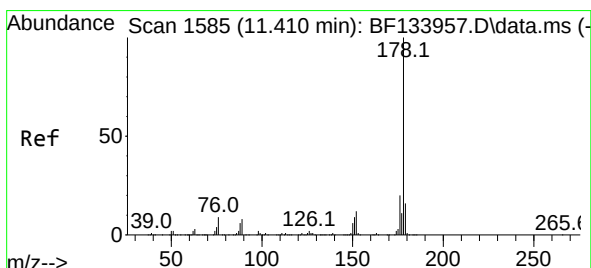
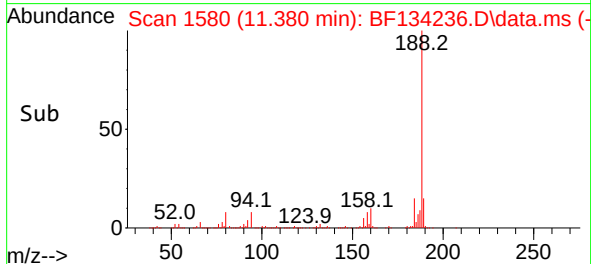
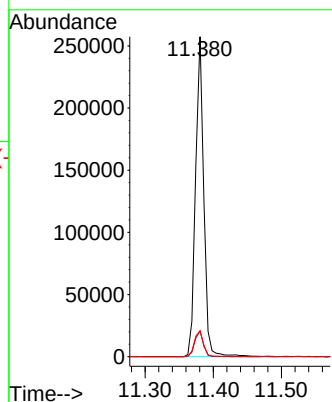
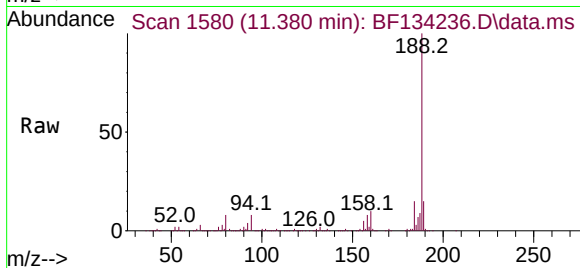
Tgt Ion:188 Resp: 213598

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.1 7.3 10.9



#71

Phenanthrene

Concen: 8.935 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

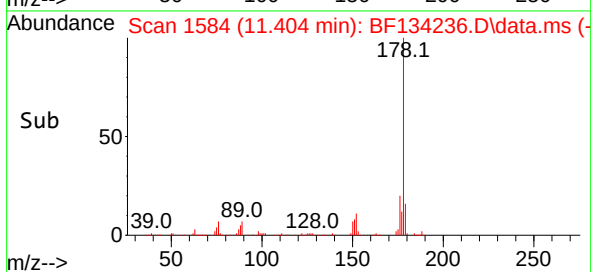
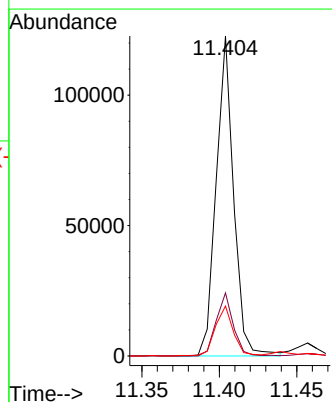
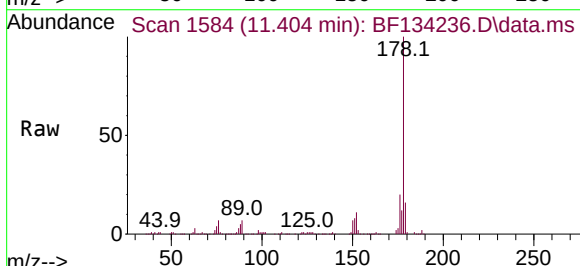
Tgt Ion:178 Resp: 96079

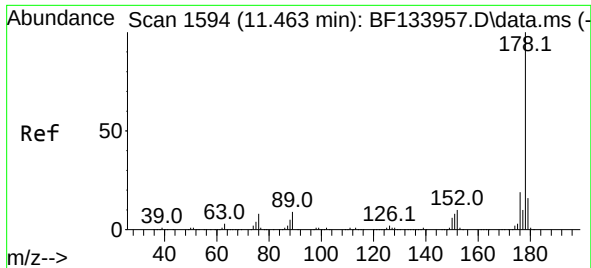
Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

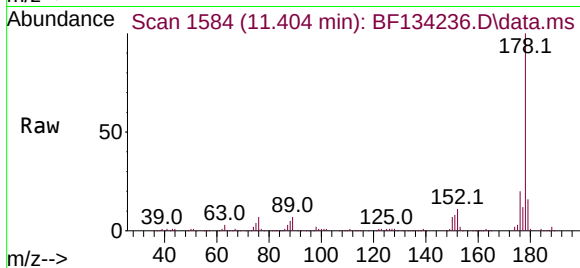
179 15.6 12.4 18.6



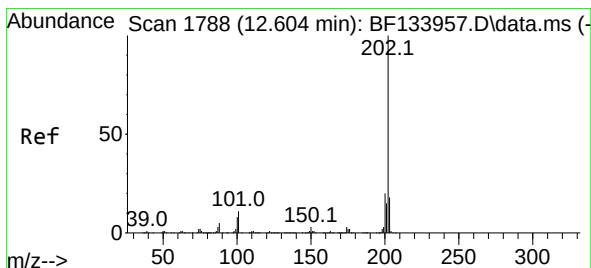
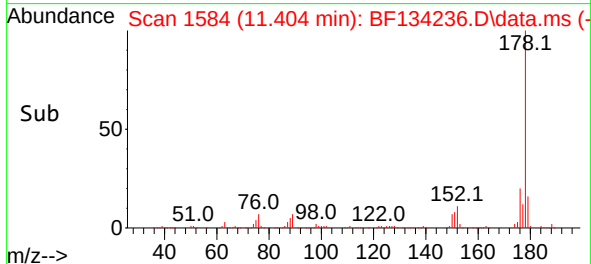
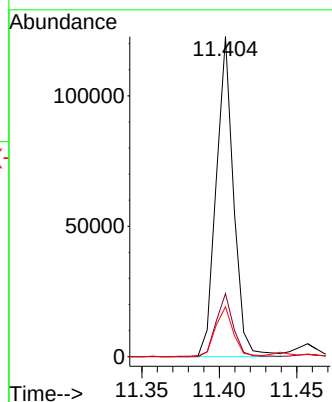


#72
 Anthracene
 Concen: 8.591 ng
 RT: 11.404 min Scan# 11
 Delta R.T. -0.053 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

Instrument :
 BNA_F
 ClientSampleId :

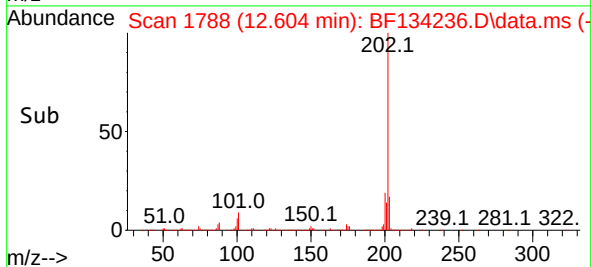
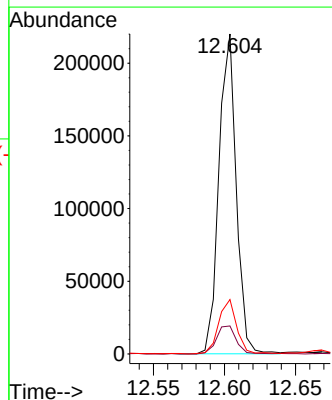
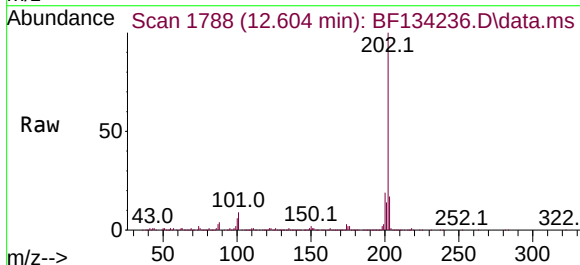


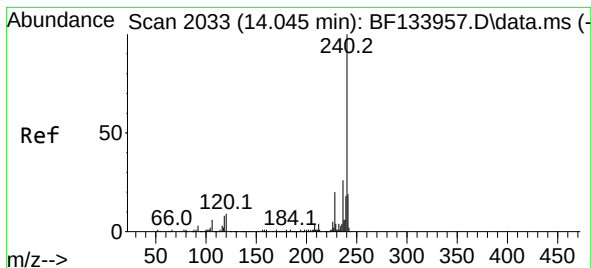
Tgt Ion:178 Resp: 96079
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 15.6 12.4 18.6



#75
 Fluoranthene
 Concen: 16.019 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

Tgt Ion:202 Resp: 186214
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 31.0
 203 17.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

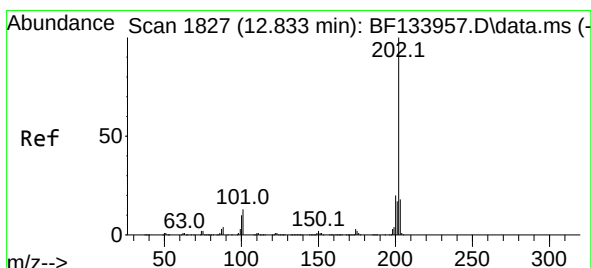
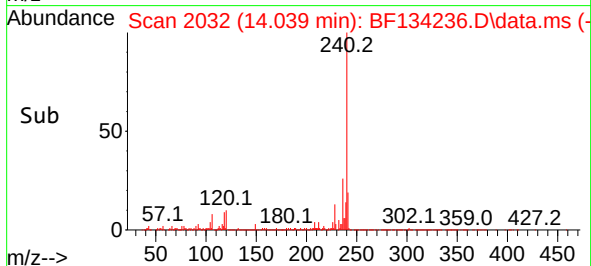
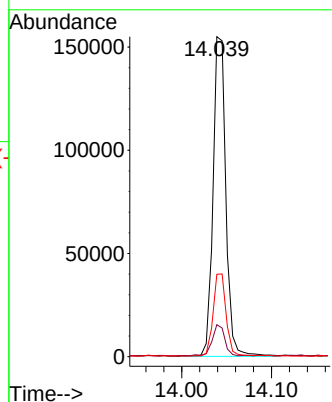
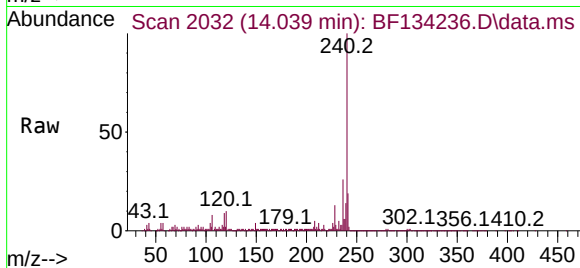
Tgt Ion:240 Resp: 154000

Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

236 25.8 21.0 31.6



#78

Pyrene

Concen: 10.165 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

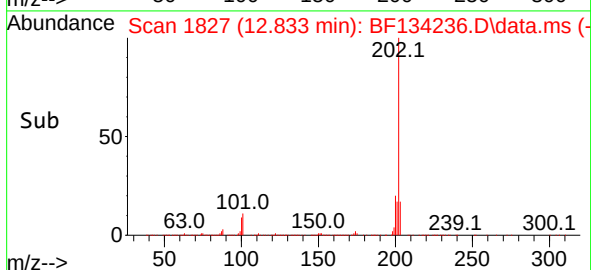
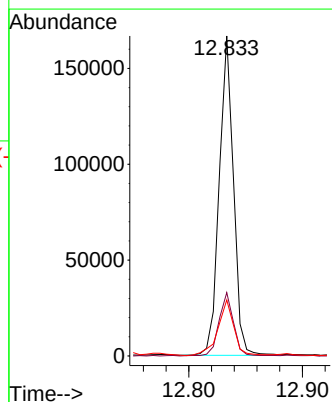
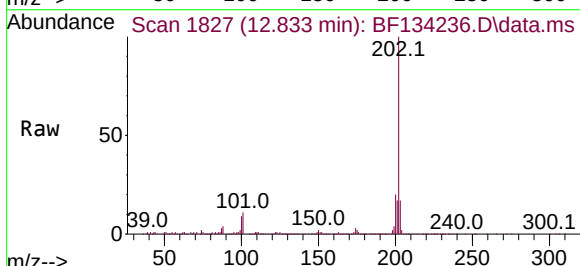
Tgt Ion:202 Resp: 145676

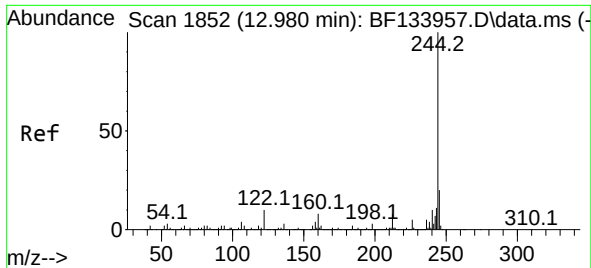
Ion Ratio Lower Upper

202 100

200 19.8 16.1 24.1

203 17.5 14.3 21.5

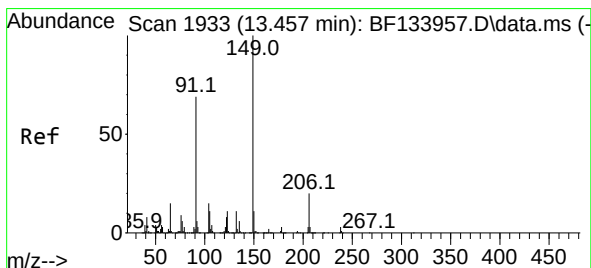
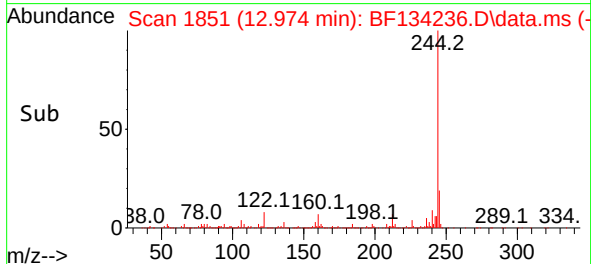
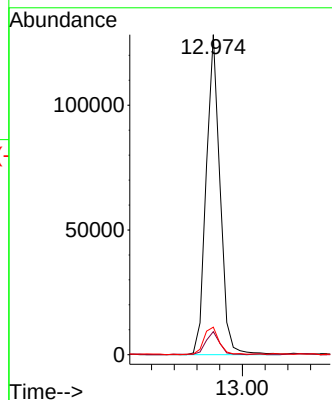
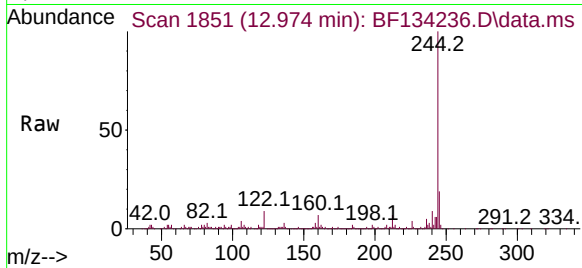




#79
 Terphenyl-d14
 Concen: 11.336 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

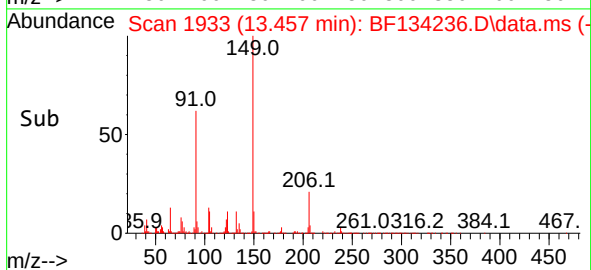
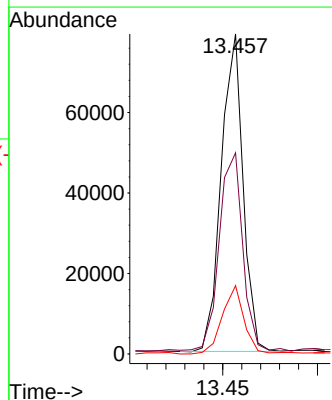
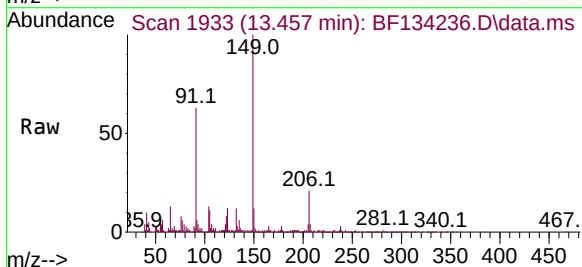
Instrument :
 BNA_F
 ClientSampleId :

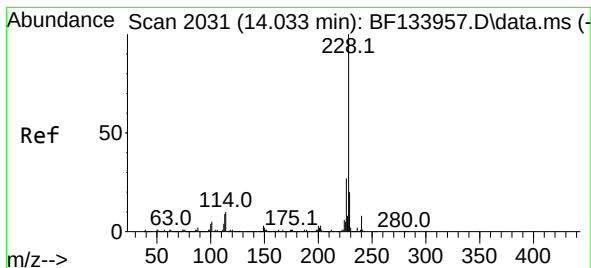
Tgt Ion:244 Resp: 108474
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 11.730 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

Tgt Ion:149 Resp: 63050
 Ion Ratio Lower Upper
 149 100
 91 62.9 55.1 82.7
 206 21.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 4.003 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

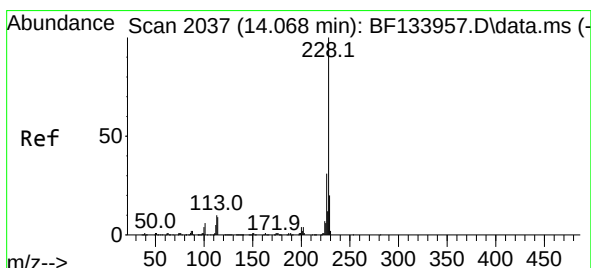
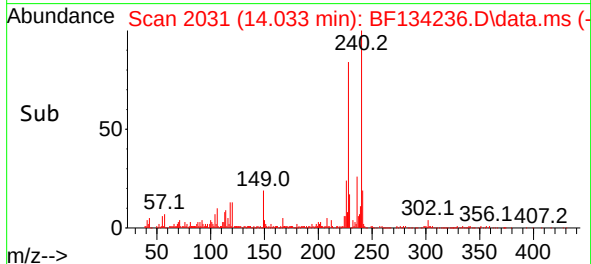
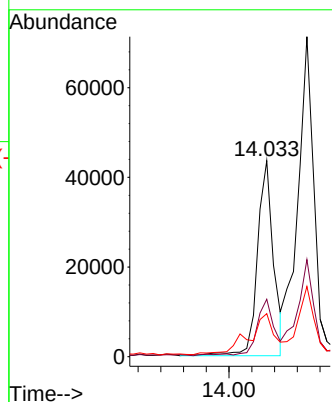
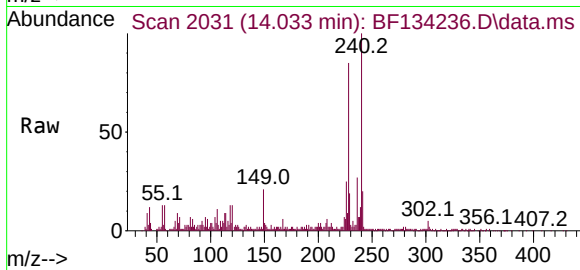
Tgt Ion:228 Resp: 42754

Ion Ratio Lower Upper

228 100

226 29.3 22.0 33.0

229 21.9 16.3 24.5



#83

Chrysene

Concen: 6.940 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

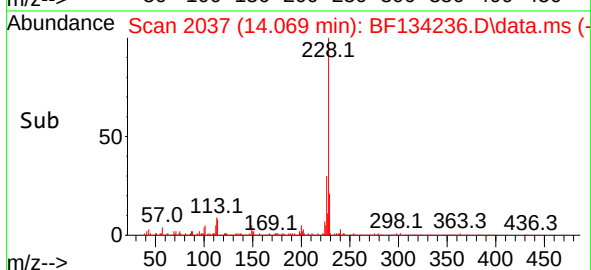
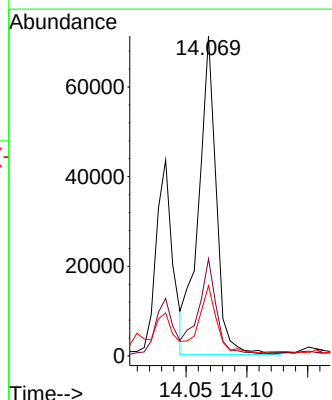
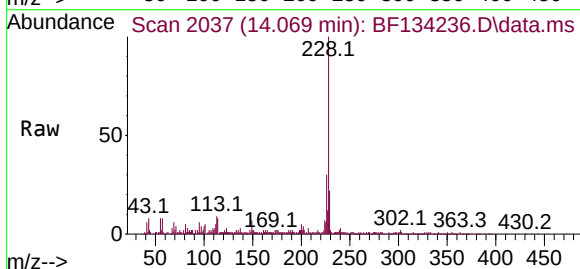
Tgt Ion:228 Resp: 71787

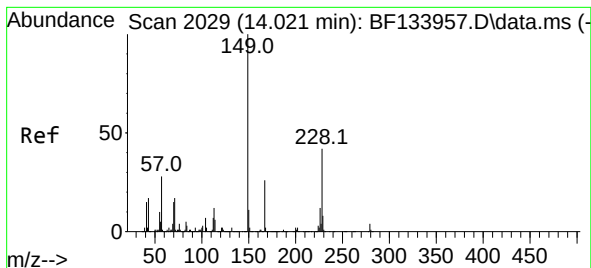
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 22.0 16.1 24.1

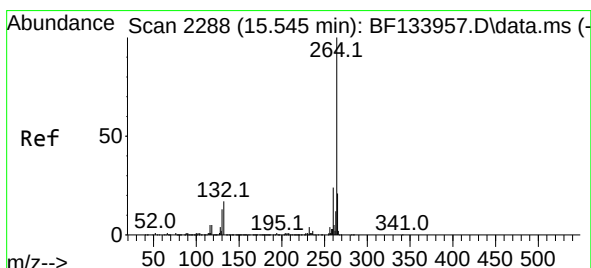
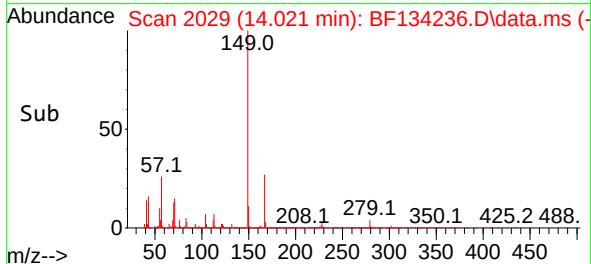
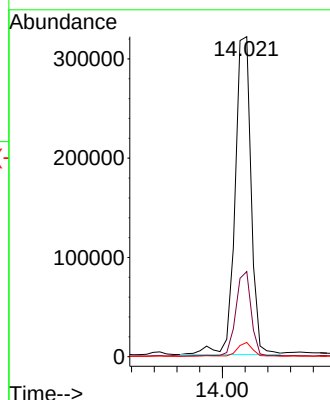
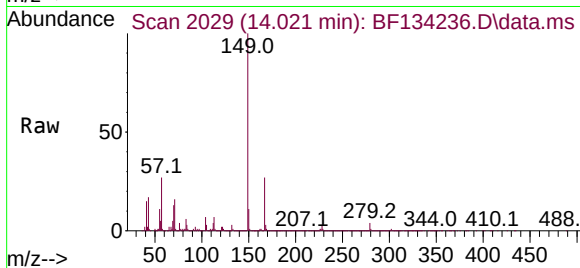




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.831 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. 0.006 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

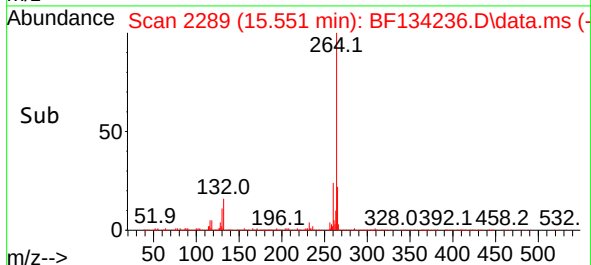
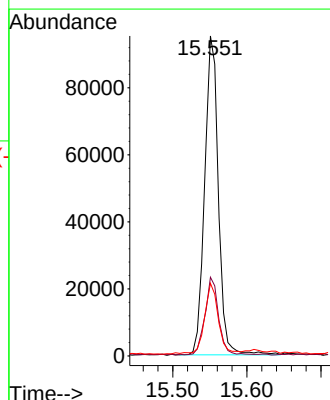
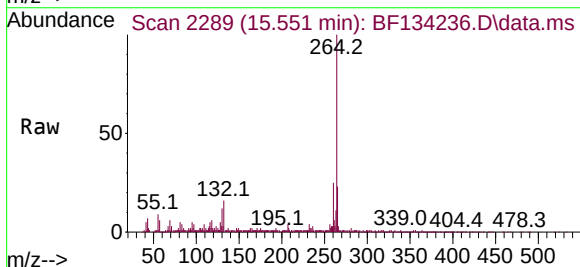
Instrument :
 BNA_F
 ClientSampleId :

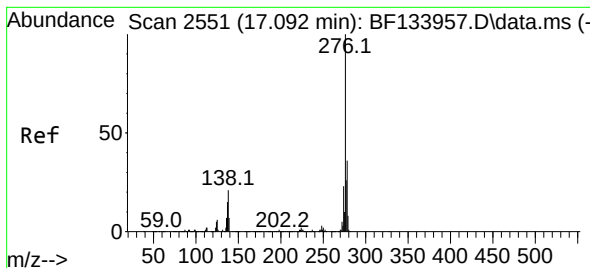
Tgt Ion:149 Resp: 313949
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 4.5 3.3 4.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134236.D
 Acq: 12 Jul 2023 03:54

Tgt Ion:264 Resp: 122516
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.320 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

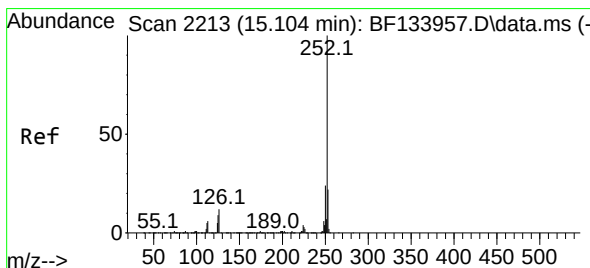
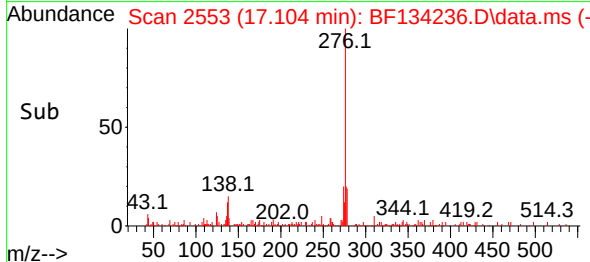
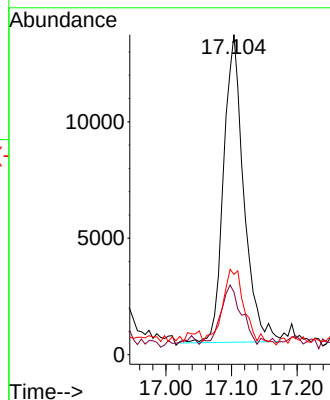
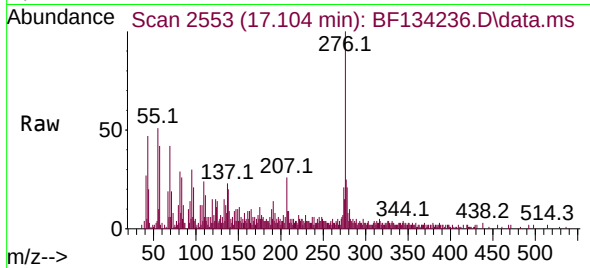
Tgt Ion:276 Resp: 28224

Ion Ratio Lower Upper

276 100

138 20.1 18.7 28.1

277 27.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 13.762 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

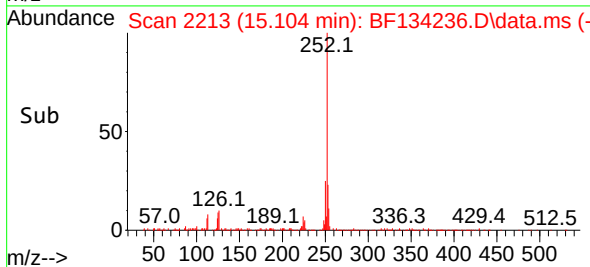
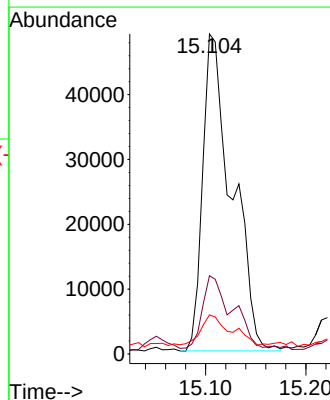
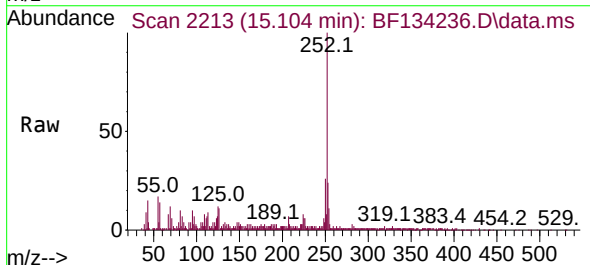
Tgt Ion:252 Resp: 99145

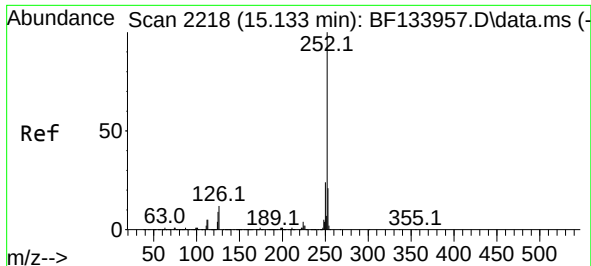
Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.0

125 12.2 7.1 10.7#

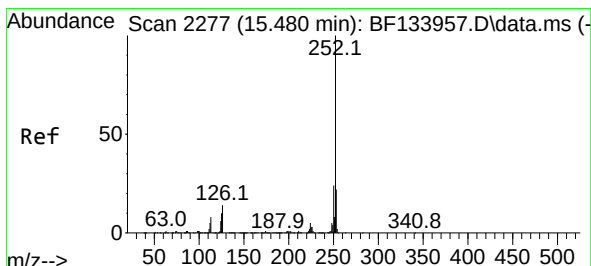
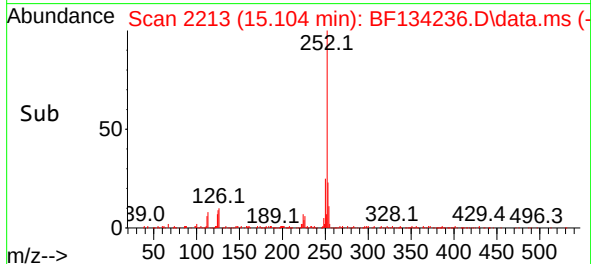
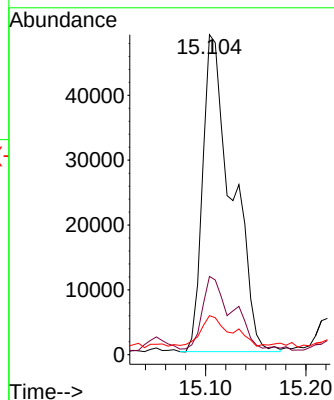
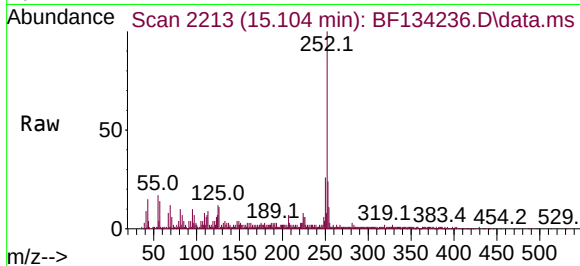




#89
Benzo(k)fluoranthene
Concen: 13.517 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

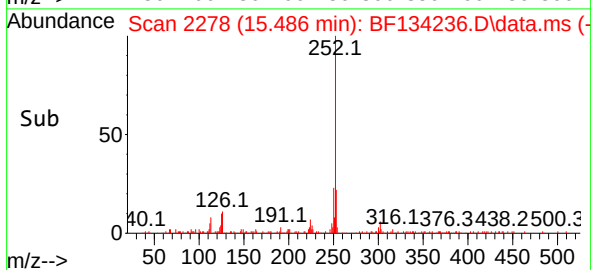
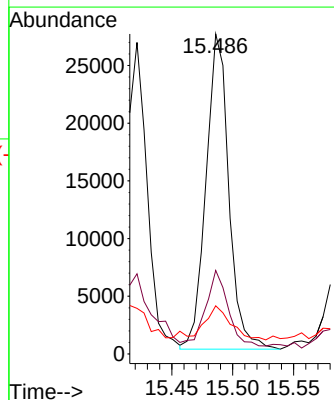
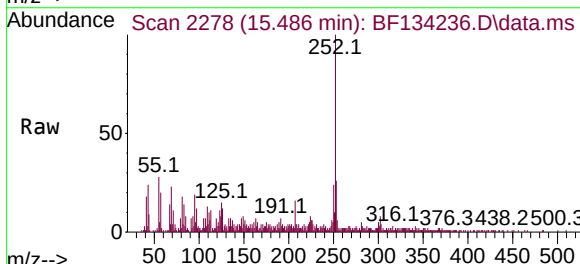
Instrument :
BNA_F
ClientSampleId :

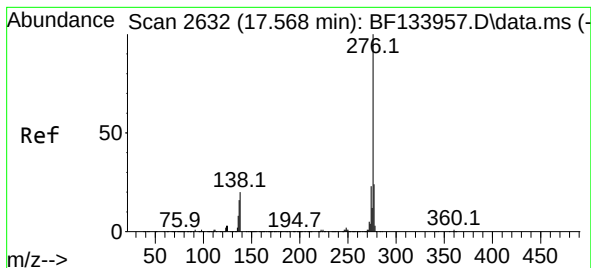
Tgt Ion:252 Resp: 99145
Ion Ratio Lower Upper
252 100
253 24.4 16.9 25.3
125 12.2 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 5.102 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

Tgt Ion:252 Resp: 35543
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0#
125 15.1 8.4 12.6#





#92

Benzo(g,h,i)perylene

Concen: 3.554 ng

RT: 17.574 min Scan# 20

Delta R.T. 0.006 min

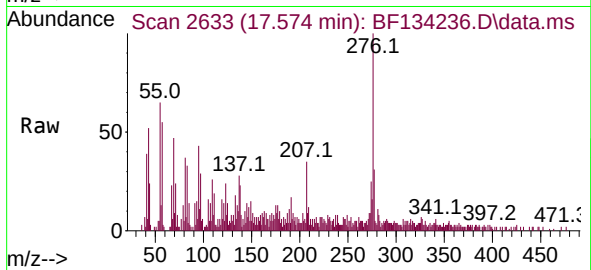
Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 25448

Ion Ratio Lower Upper

276 100

277 31.2 19.0 28.6#

138 22.9 16.2 24.2

