

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138796.D
 Acq On : 05 Aug 2024 20:57
 Operator : RC/JU
 Sample : P3403-01DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3054DL

Quant Time: Aug 06 00:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

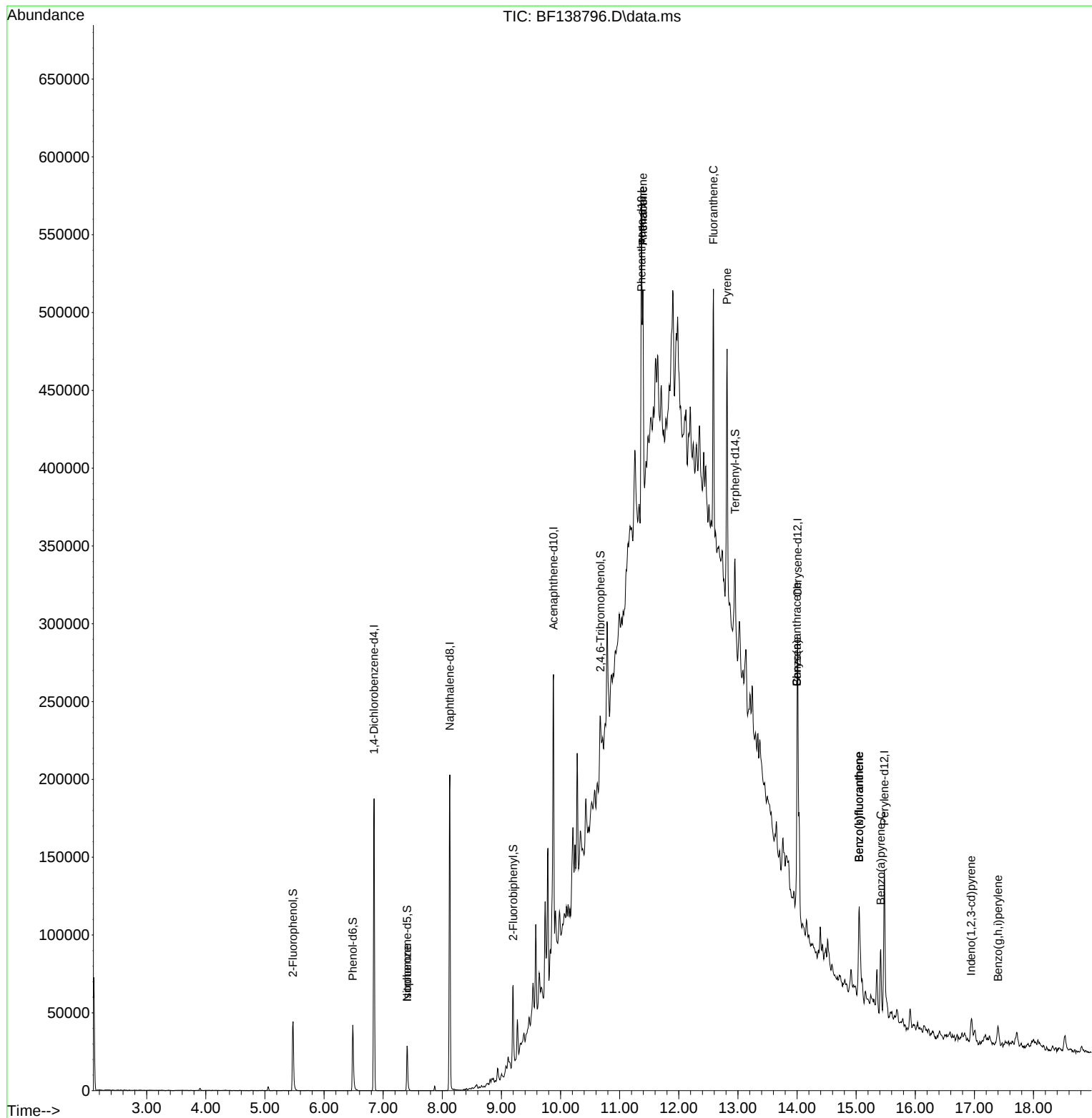
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	36180	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	123161	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	53955	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	87715	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	60029	20.000	ng	0.00
86) Perylene-d12	15.474	264	48846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	17888	7.632	ng	0.00
7) Phenol-d6	6.487	99	21784	6.923	ng	0.00
23) Nitrobenzene-d5	7.404	82	13429	5.331	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	3083	6.976	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	21851	6.085	ng	0.00
79) Terphenyl-d14	12.951	244	23691	6.608	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.404	82	13429	3.122	ng	# 66
71) Phenanthrene	11.392	178	65177	14.430	ng	97
72) Anthracene	11.392	178	65177	14.648	ng	96
75) Fluoranthene	12.586	202	84629	20.071	ng	98
78) Pyrene	12.816	202	92411	16.350	ng	98
81) Benzo(a)anthracene	13.998	228	37588	9.093	ng	94
83) Chrysene	13.998	228	37588	10.079	ng	96
87) Indeno(1,2,3-cd)pyrene	16.945	276	10042	2.869	ng	96
88) Benzo(b)fluoranthene	15.051	252	38765	12.802	ng	97
89) Benzo(k)fluoranthene	15.051	252	38765	14.786	ng	# 97
90) Benzo(a)pyrene	15.416	252	20667	8.114	ng	95
92) Benzo(g,h,i)perylene	17.398	276	10967	3.678	ng	# 90

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

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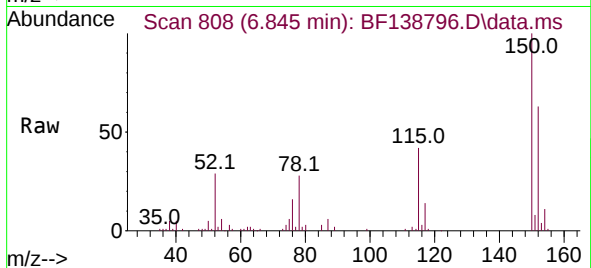
Quant Time: Aug 06 00:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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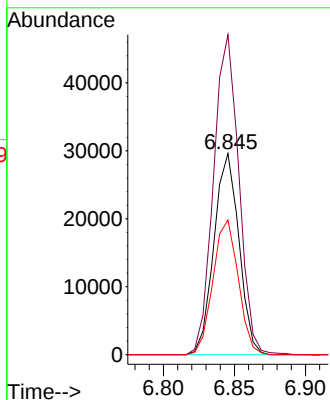
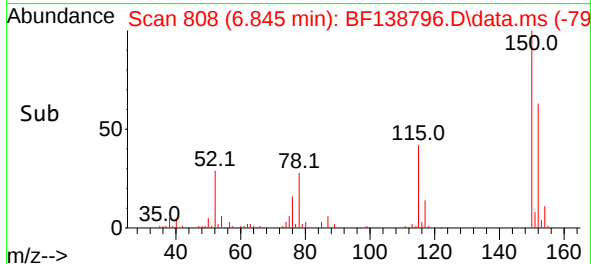


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

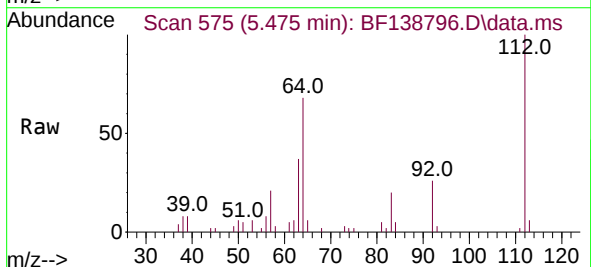
Instrument :
BNA_F
ClientSampleId :
RT3054DL



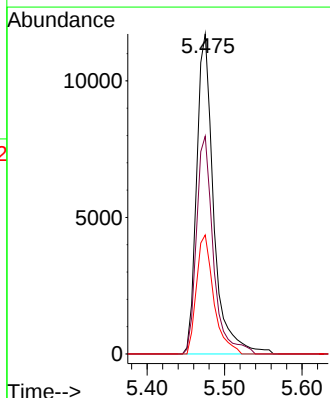
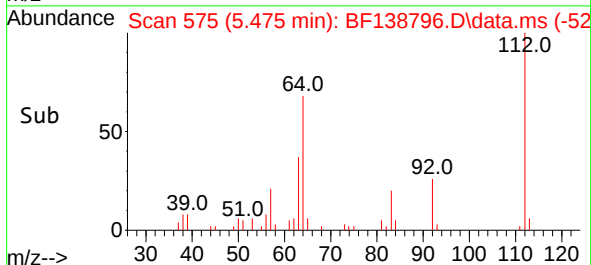
Tgt Ion:152 Resp: 36180
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 7.632 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57



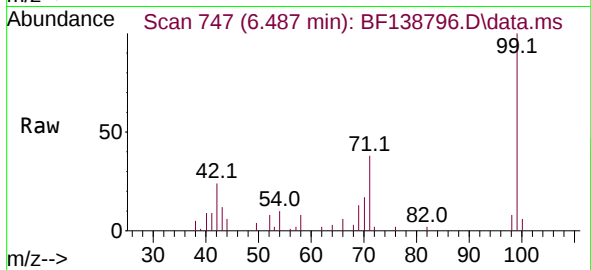
Tgt Ion:112 Resp: 17888
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.4
63 37.2 28.7 43.1



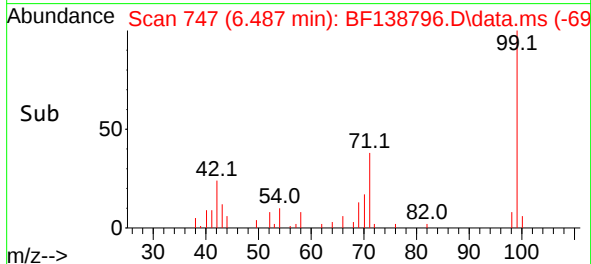
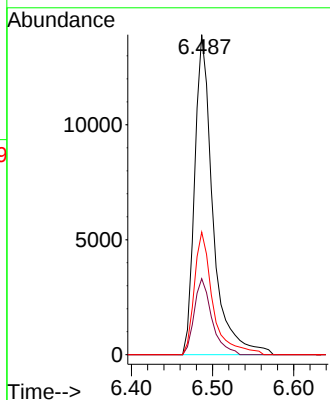


#7
Phenol-d6
Concen: 6.923 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

Instrument :
BNA_F
ClientSampleId :
RT3054DL

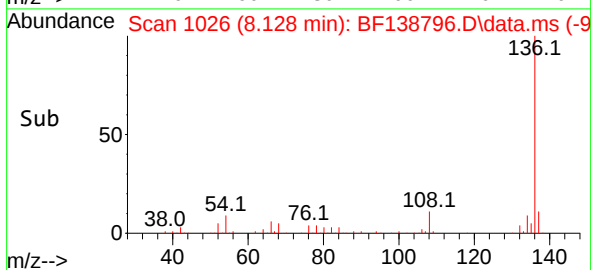
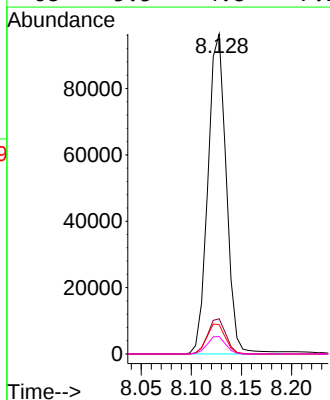
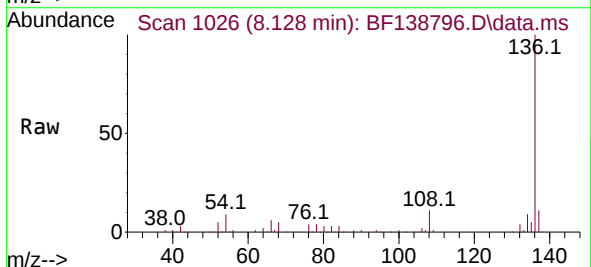


Tgt Ion:	99	Resp:	21784
Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.4	26.0
71	38.3	28.1	42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

Tgt Ion:	136	Resp:	123161
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	8.6	12.8
68	5.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 5.331 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Instrument :

BNA_F

ClientSampleId :

RT3054DL

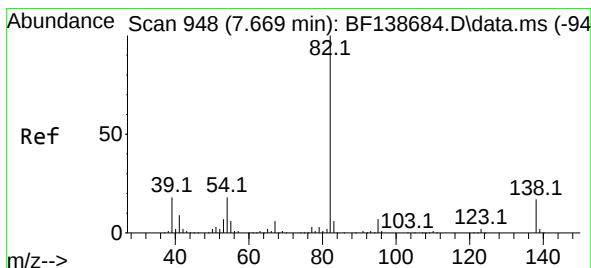
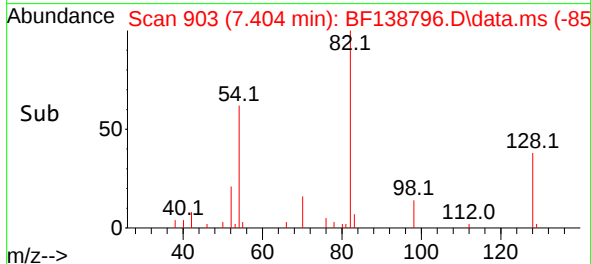
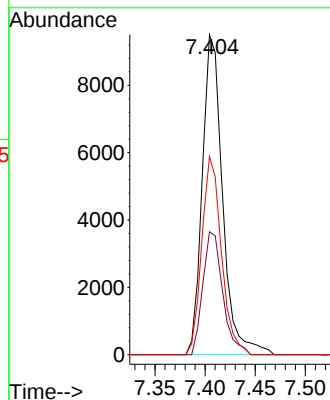
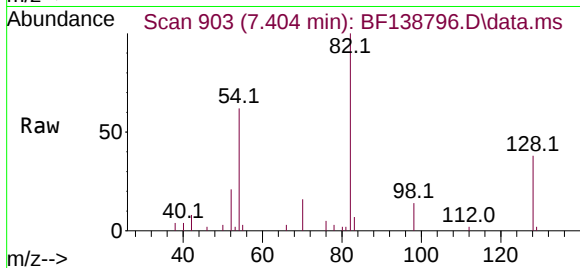
Tgt Ion: 82 Resp: 13429

Ion Ratio Lower Upper

82 100

128 38.4 32.8 49.2

54 61.9 48.3 72.5



#25

Isophorone

Concen: 3.122 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

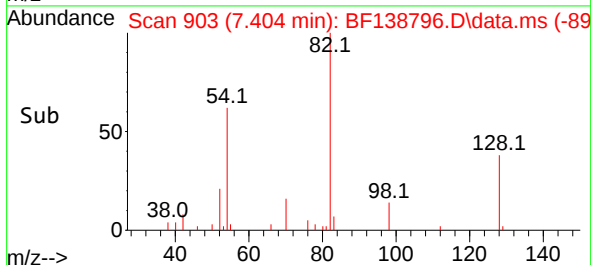
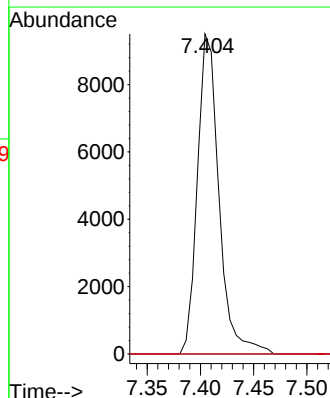
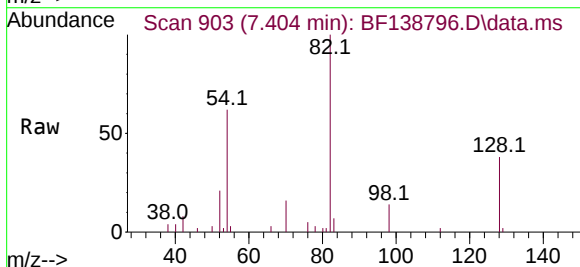
Tgt Ion: 82 Resp: 13429

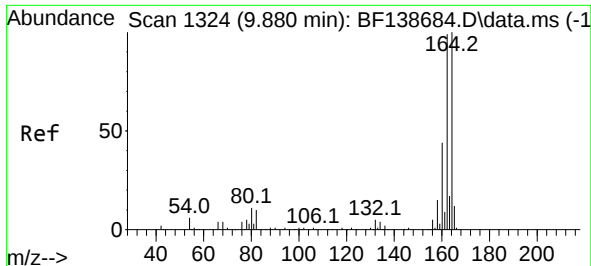
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.7 20.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Instrument :

BNA_F

ClientSampleId :

RT3054DL

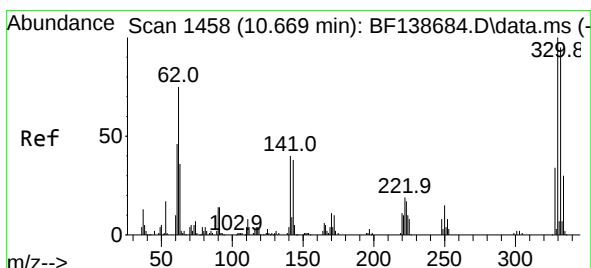
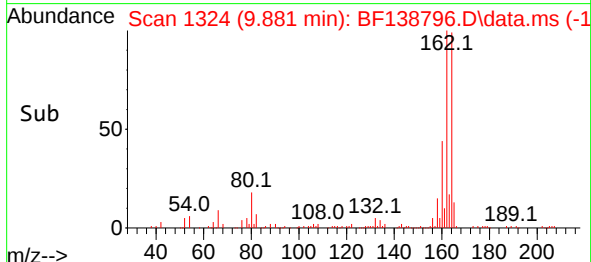
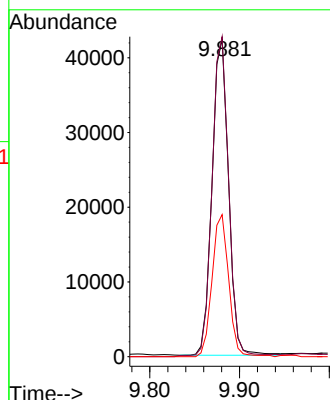
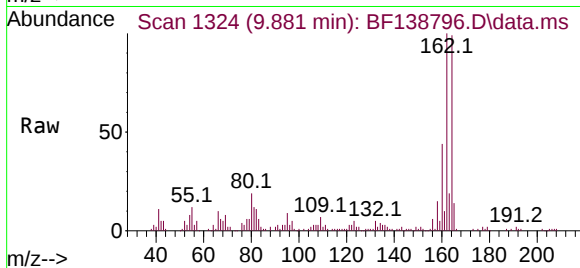
Tgt Ion:164 Resp: 53955

Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.0

160 44.8 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 6.976 ng

RT: 10.675 min Scan# 1459

Delta R.T. 0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

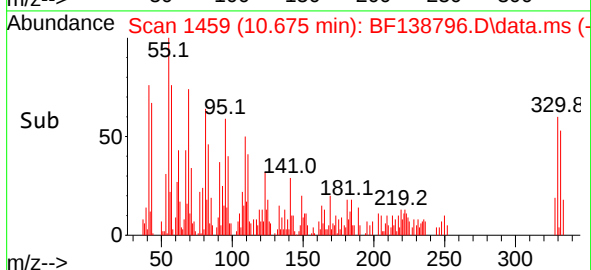
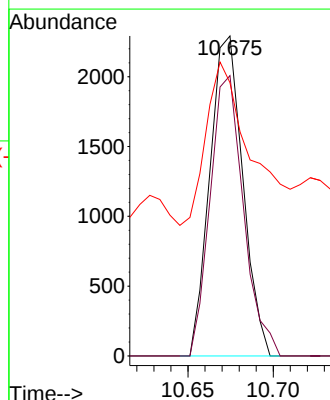
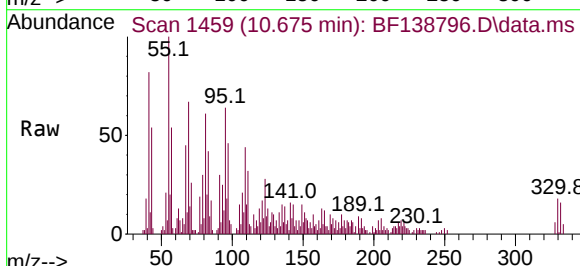
Tgt Ion:330 Resp: 3083

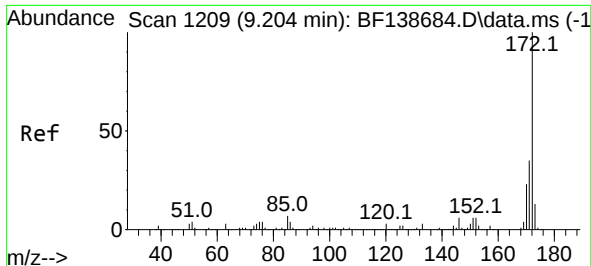
Ion Ratio Lower Upper

330 100

332 88.7 76.4 114.6

141 68.8 31.1 46.7#





#45

2-Fluorobiphenyl

Concen: 6.085 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Instrument :

BNA_F

ClientSampleId :

RT3054DL

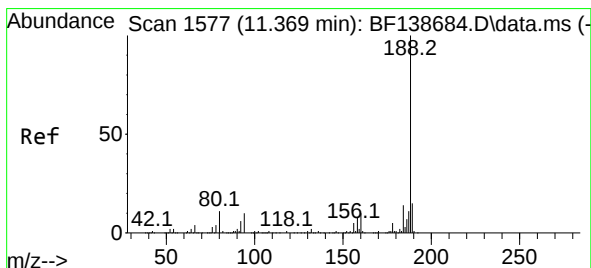
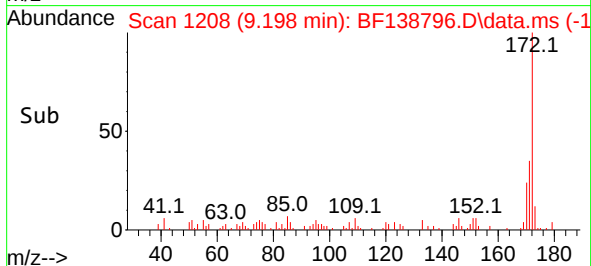
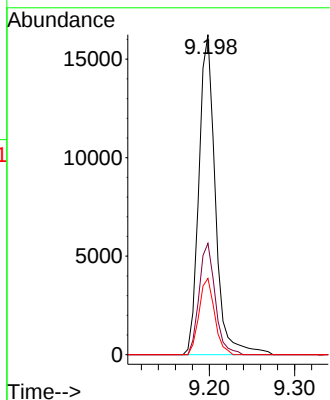
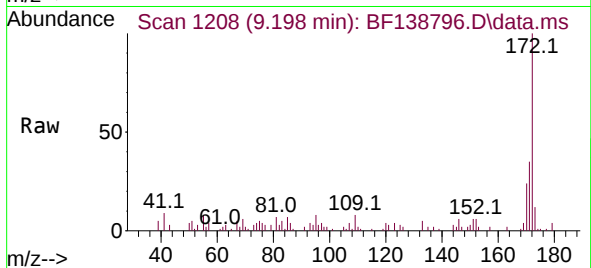
Tgt Ion:172 Resp: 21851

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.9 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

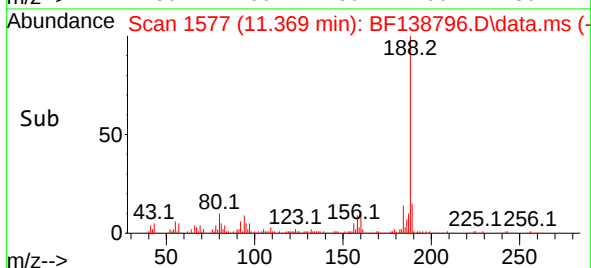
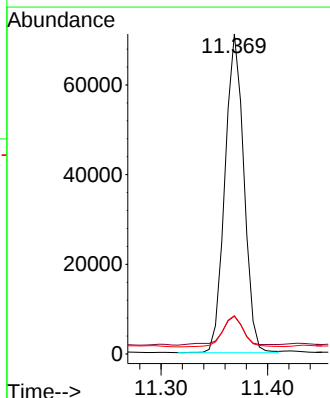
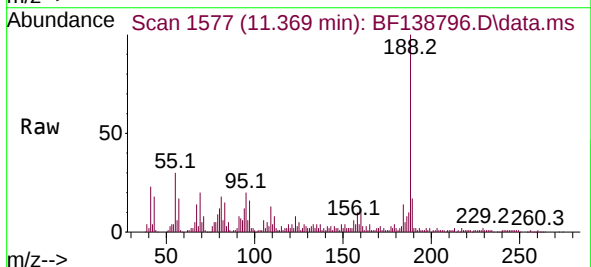
Tgt Ion:188 Resp: 87715

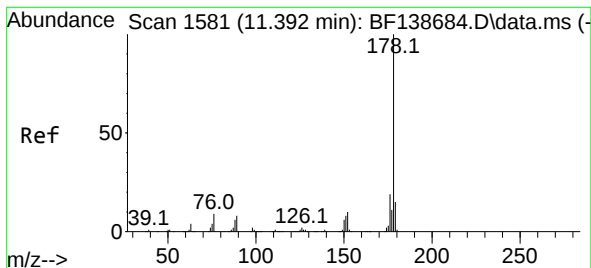
Ion Ratio Lower Upper

188 100

94 11.8 7.6 11.4#

80 12.0 8.6 12.8





#71

Phenanthrene

Concen: 14.430 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Instrument :

BNA_F

ClientSampleId :

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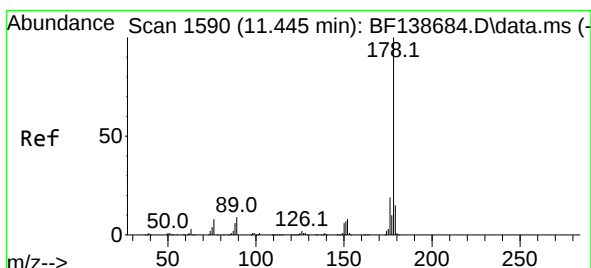
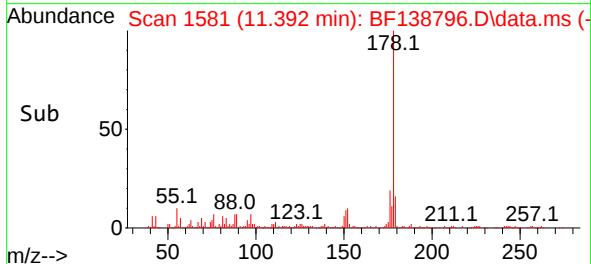
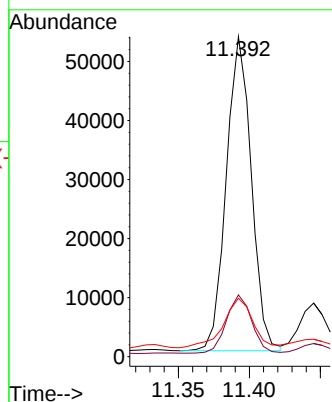
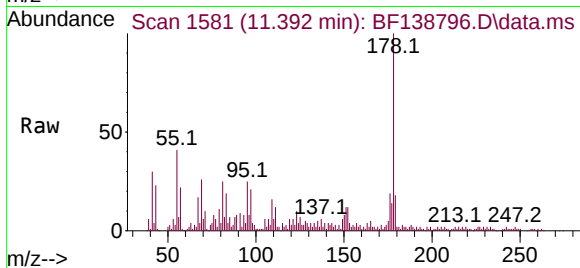
Tgt Ion:178 Resp: 65177

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 18.2 12.2 18.2



#72

Anthracene

Concen: 14.648 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.053 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

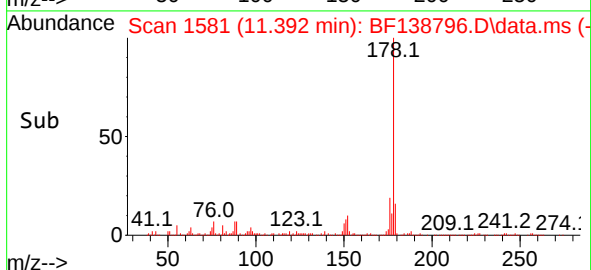
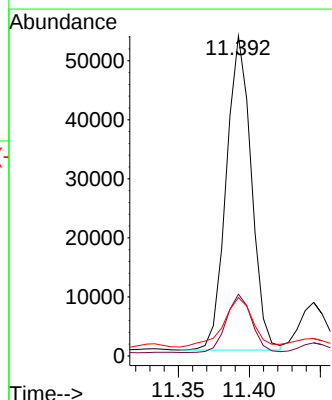
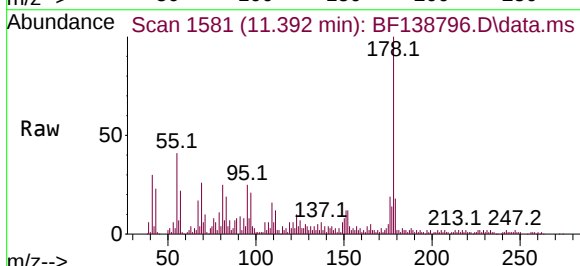
Tgt Ion:178 Resp: 65177

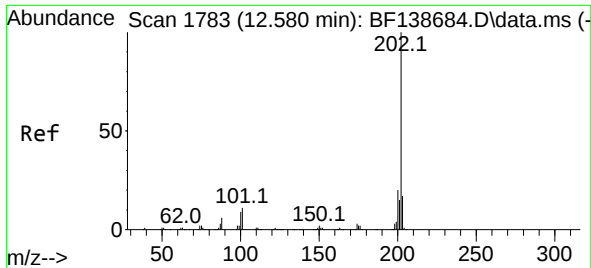
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 18.2 12.4 18.6

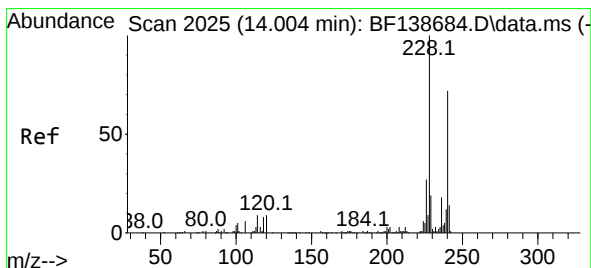
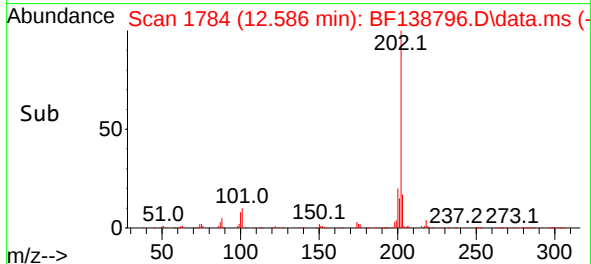
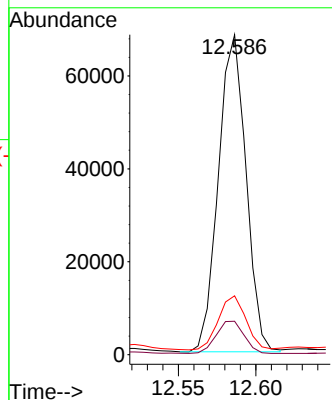
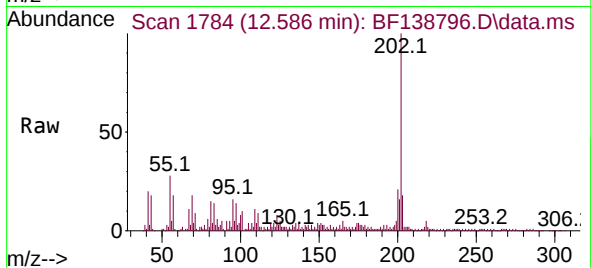




#75
Fluoranthene
Concen: 20.071 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

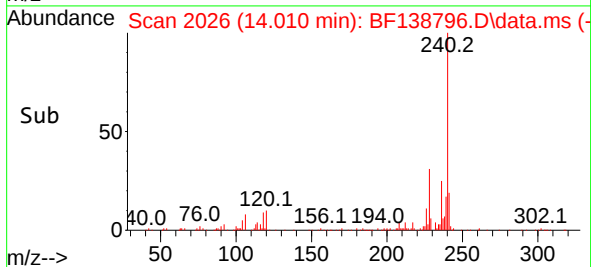
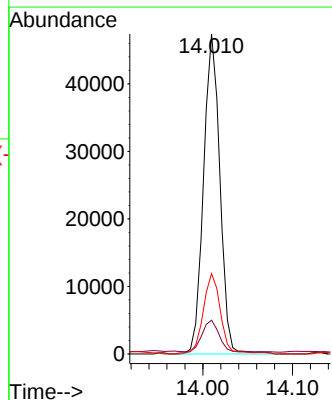
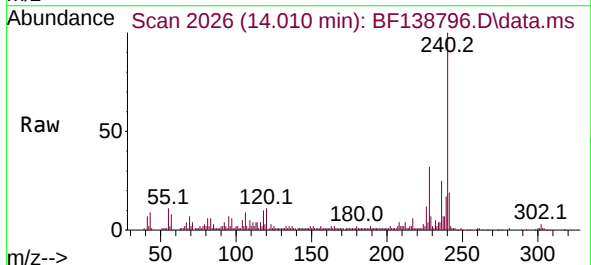
Instrument :
BNA_F
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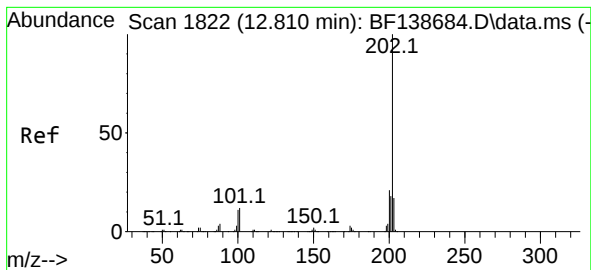
Tgt Ion:	202	Resp:	84629
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.2
203	18.4	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

Tgt Ion:	240	Resp:	60029
Ion Ratio	Lower	Upper	
240	100		
120	10.5	10.2	15.4
236	25.2	19.8	29.8





#78

Pyrene

Concen: 16.350 ng

RT: 12.816 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

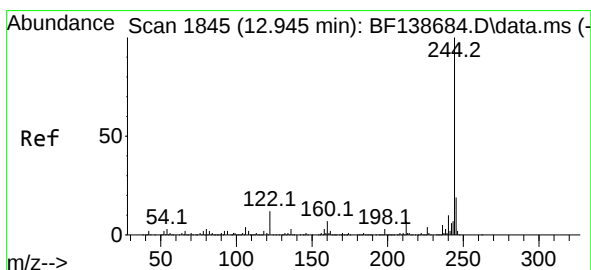
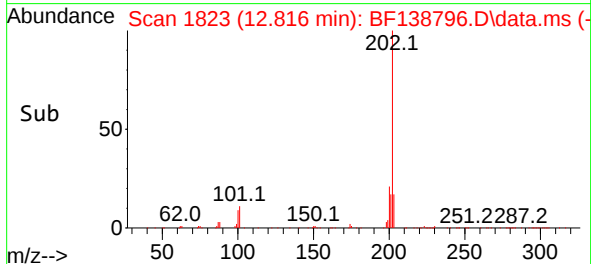
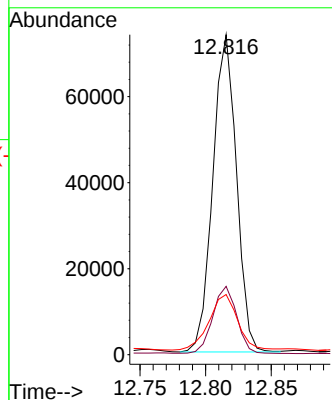
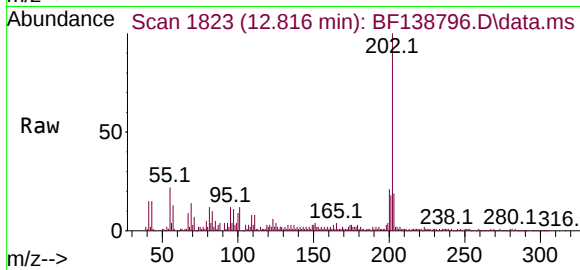
Instrument :

BNA_F

ClientSampleId :

RT3054DL

Tgt Ion:	202	Resp:	92411
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	18.8	13.8	20.6



#79

Terphenyl-d14

Concen: 6.608 ng

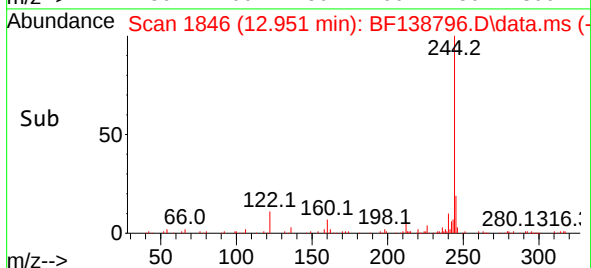
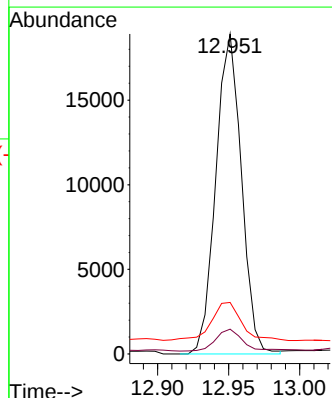
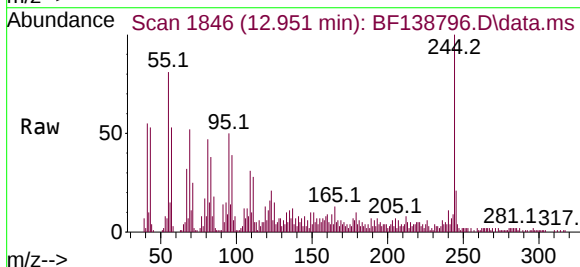
RT: 12.951 min Scan# 1846

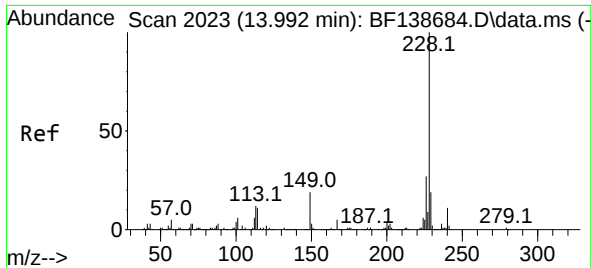
Delta R.T. 0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Tgt Ion:	244	Resp:	23691
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.4	8.2
122	16.1	9.6	14.4

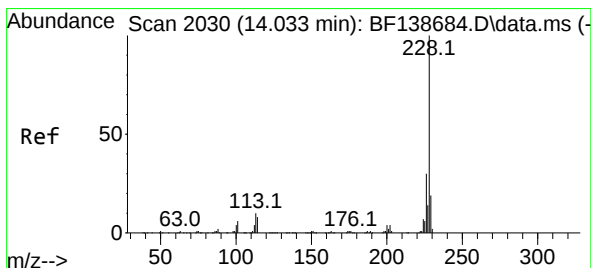
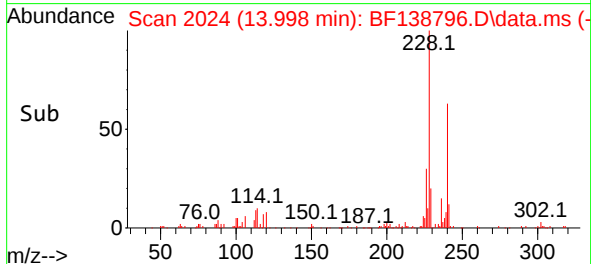
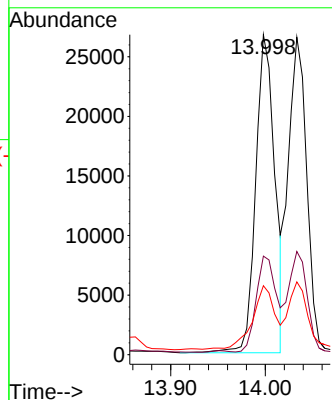
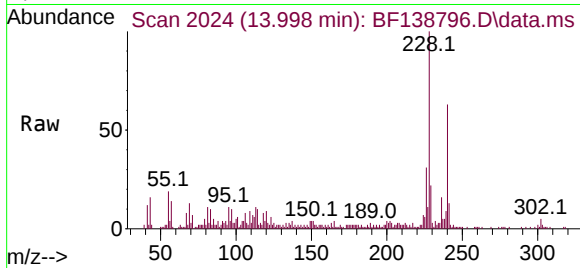




#81
Benzo(a)anthracene
Concen: 9.093 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

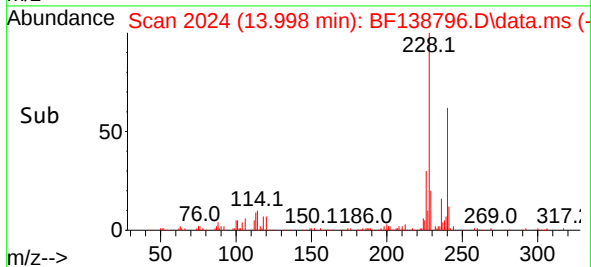
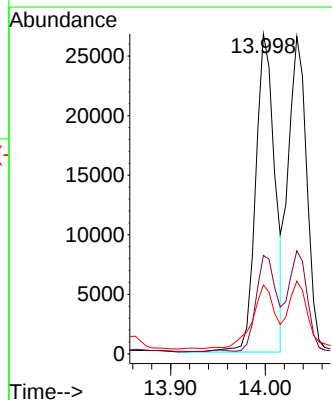
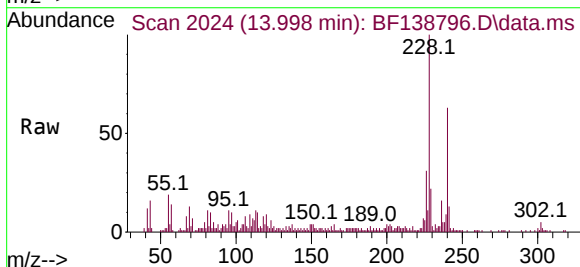
Instrument :
BNA_F
ClientSampleId :
RT3054DL

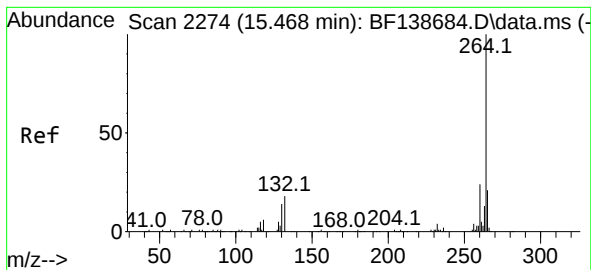
Tgt Ion:228 Resp: 37588
Ion Ratio Lower Upper
228 100
226 30.8 22.1 33.1
229 21.6 15.4 23.0



#83
Chrysene
Concen: 10.079 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.035 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

Tgt Ion:228 Resp: 37588
Ion Ratio Lower Upper
228 100
226 30.8 23.7 35.5
229 21.6 15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Instrument :

BNA_F

ClientSampleId :

RT3054DL

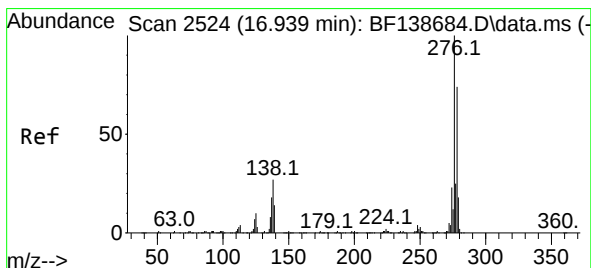
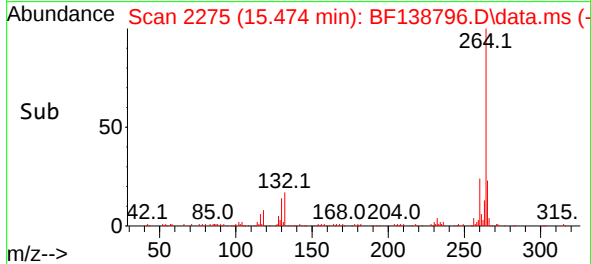
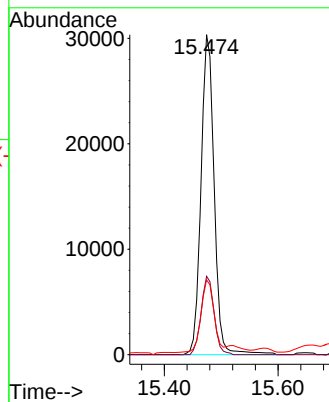
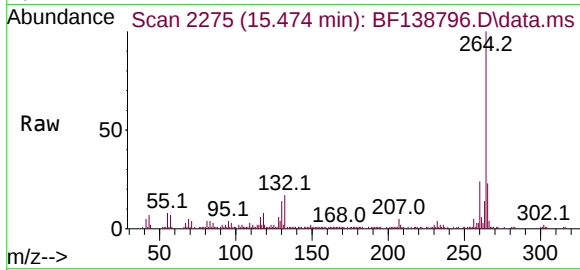
Tgt Ion:264 Resp: 48846

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 23.4 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.869 ng

RT: 16.945 min Scan# 2525

Delta R.T. 0.006 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

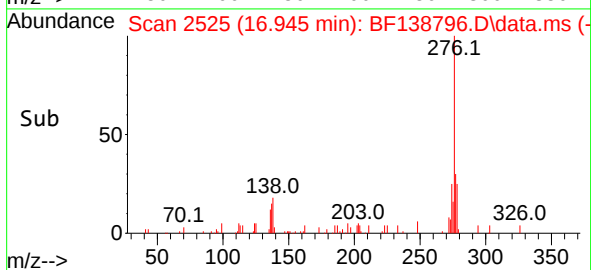
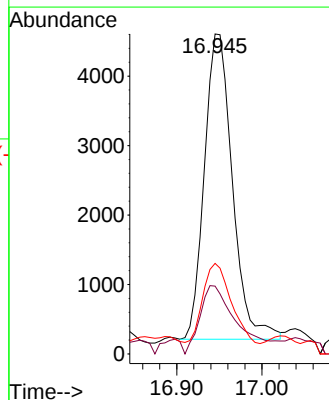
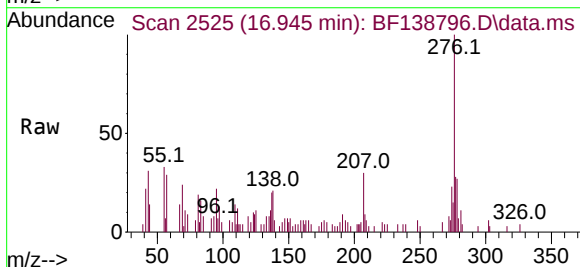
Tgt Ion:276 Resp: 10042

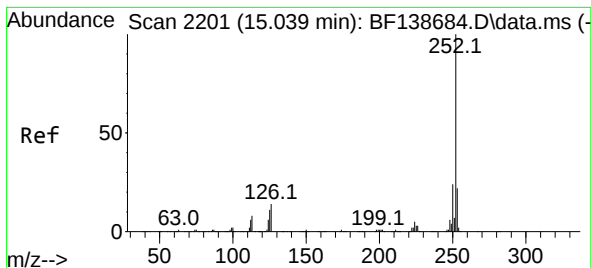
Ion Ratio Lower Upper

276 100

138 30.6 21.8 32.8

277 26.1 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 12.802 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

Instrument :

BNA_F

ClientSampleId :

RT3054DL

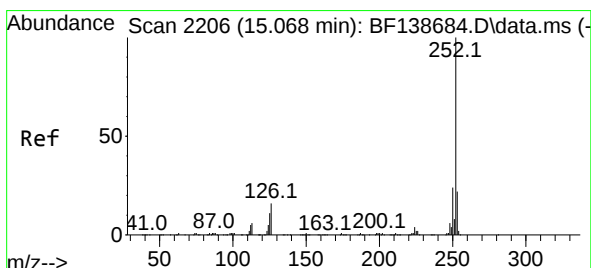
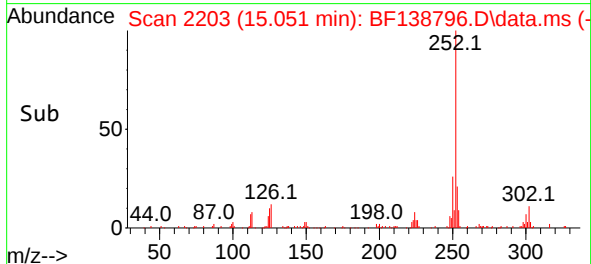
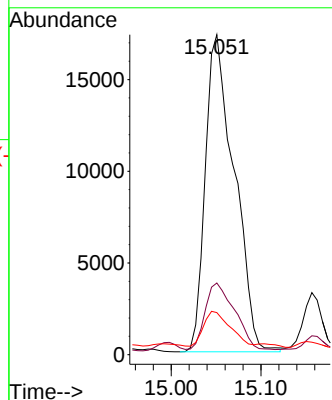
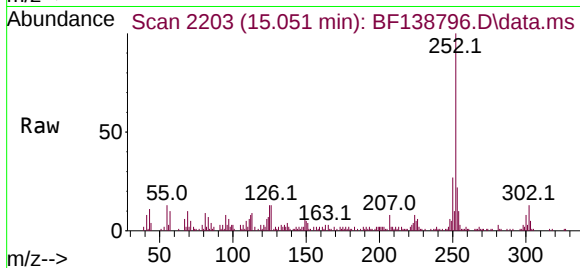
Tgt Ion:252 Resp: 38765

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 13.1 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 14.786 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.018 min

Lab File: BF138796.D

Acq: 05 Aug 2024 20:57

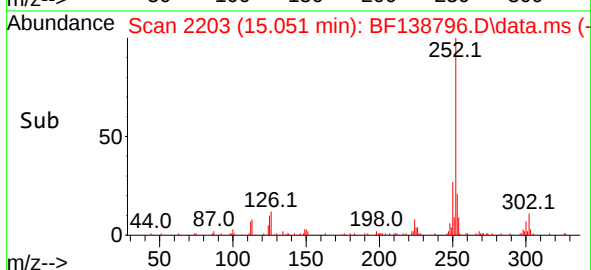
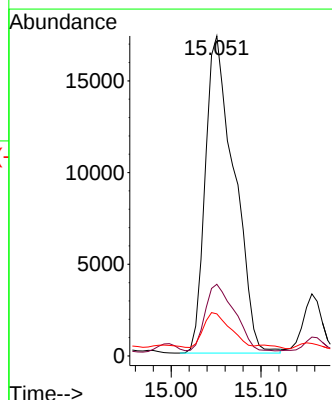
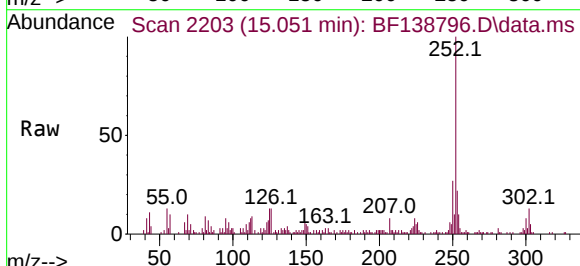
Tgt Ion:252 Resp: 38765

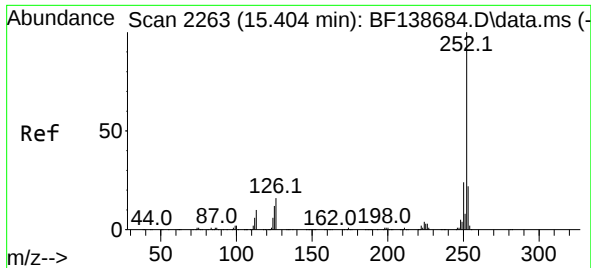
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

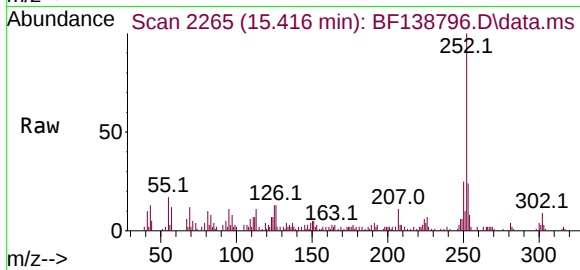
125 13.1 8.6 13.0#



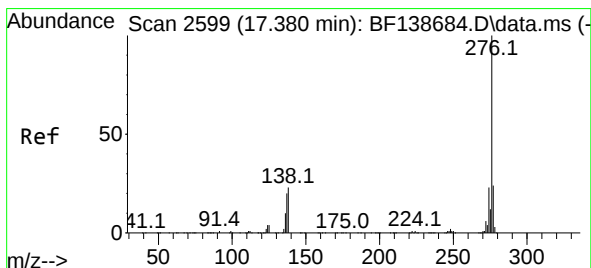
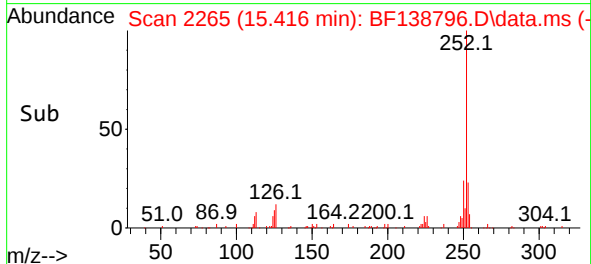
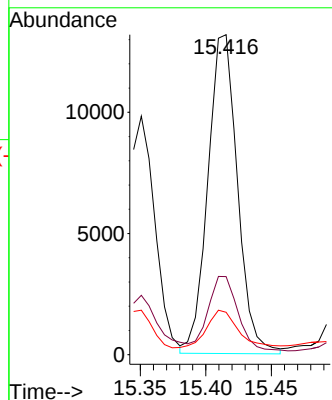


#90
Benzo(a)pyrene
Concen: 8.114 ng
RT: 15.416 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

Instrument :
BNA_F
ClientSampleId :
RT3054DL



Tgt Ion:252 Resp: 20667
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 13.2 9.5 14.3



#92
Benzo(g,h,i)perylene
Concen: 3.678 ng
RT: 17.398 min Scan# 2602
Delta R.T. 0.018 min
Lab File: BF138796.D
Acq: 05 Aug 2024 20:57

Tgt Ion:276 Resp: 10967
Ion Ratio Lower Upper
276 100
277 30.2 19.0 28.4#
138 26.2 18.5 27.7

