

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138792.D
 Acq On : 05 Aug 2024 18:43
 Operator : RC/JU
 Sample : P3442-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080124

Quant Time: Aug 06 00:55:37 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)

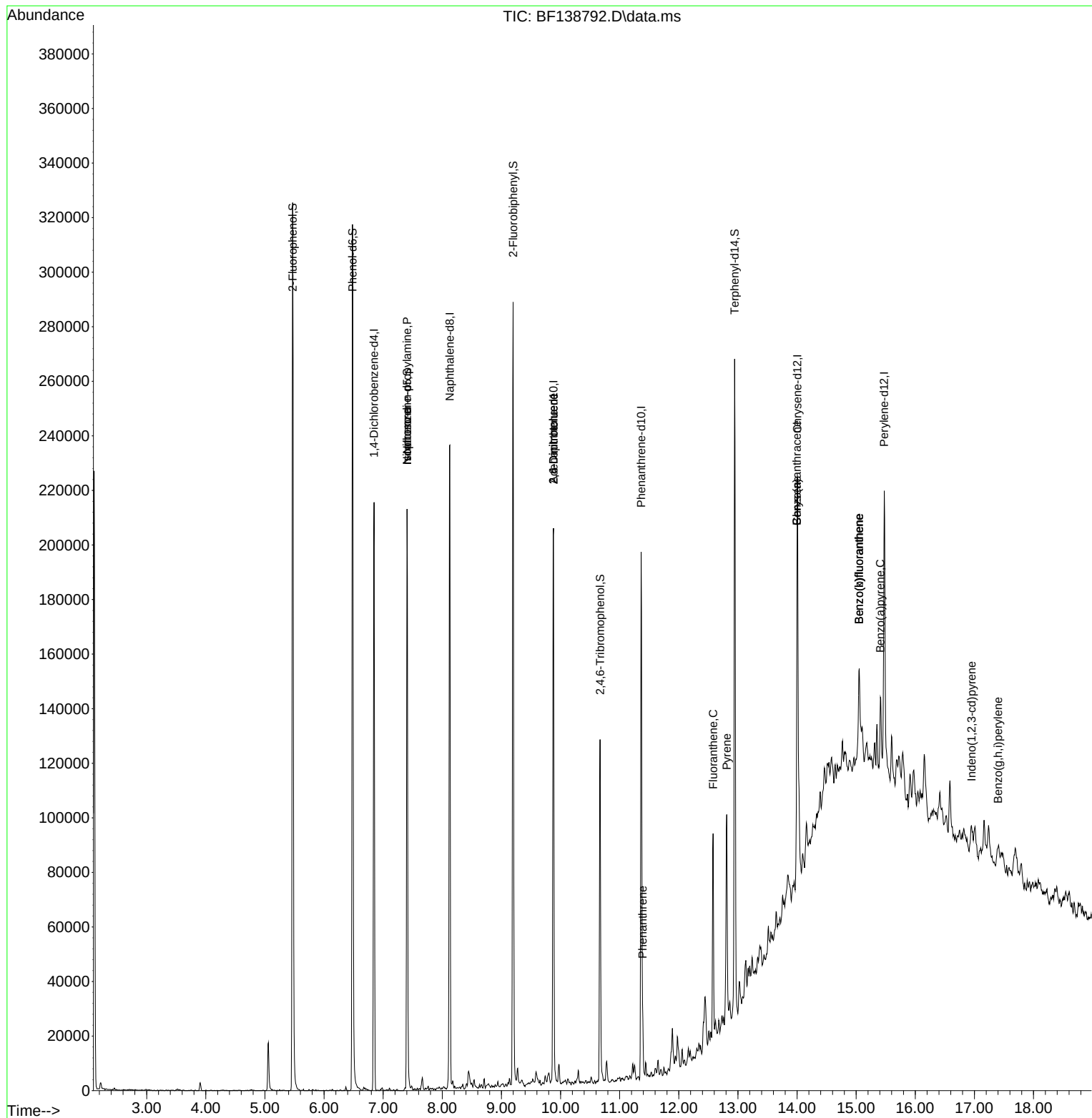
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	41837	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	147454	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	62340	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	99235	20.000	ng	0.00
76) Chrysene-d12	14.004	240	56420	20.000	ng	0.00
86) Perylene-d12	15.474	264	49543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	112446	41.489	ng	0.00
7) Phenol-d6	6.481	99	141936	39.006	ng	0.00
23) Nitrobenzene-d5	7.404	82	86355	28.633	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	19565	38.314	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	124583	30.027	ng	0.00
79) Terphenyl-d14	12.945	244	107390	31.868	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	11716	5.331	ng	# 81
25) Isophorone	7.404	82	85132	16.531	ng	# 66
51) 2,6-Dinitrotoluene	9.881	165	7944	8.831	ng	# 19
57) 2,4-Dinitrotoluene	9.881	165	7944	6.921	ng	# 16
71) Phenanthrene	11.386	178	12040	2.356	ng	97
75) Fluoranthene	12.580	202	41937	8.791	ng	98
78) Pyrene	12.810	202	39724	7.478	ng	98
81) Benzo(a)anthracene	13.998	228	21277	5.476	ng	94
83) Chrysene	13.998	228	21277	6.070	ng	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	7410	2.087	ng	94
88) Benzo(b)fluoranthene	15.051	252	25037	8.152	ng	# 87
89) Benzo(k)fluoranthene	15.051	252	25037	9.416	ng	# 86
90) Benzo(a)pyrene	15.410	252	13812	5.347	ng	# 90
92) Benzo(g,h,i)perylene	17.398	276	6971	2.305	ng	# 87

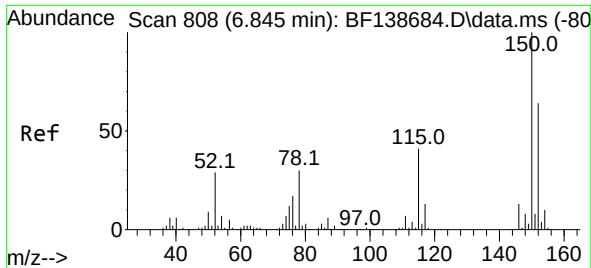
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138792.D
Acq On : 05 Aug 2024 18:43
Operator : RC/JU
Sample : P3442-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-080124

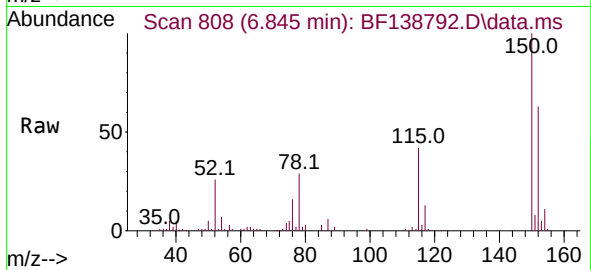
Quant Time: Aug 06 00:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



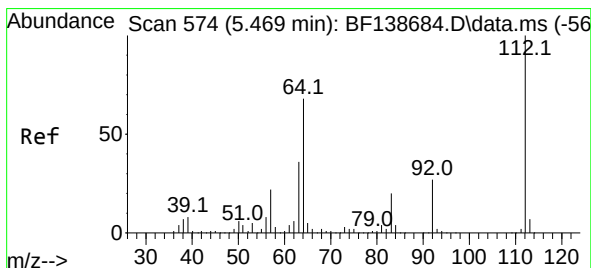
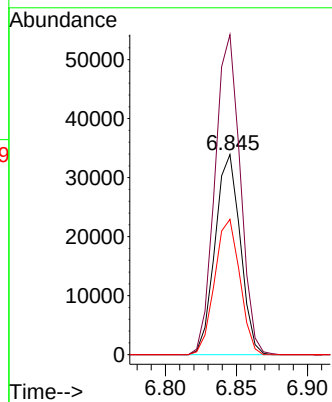
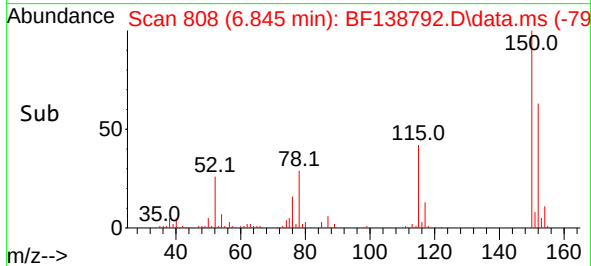


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

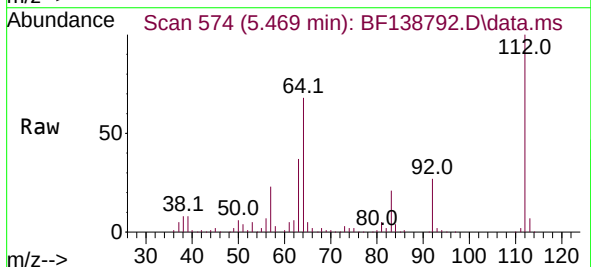
Instrument :
BNA_F
ClientSampleId :
CL-02-080124



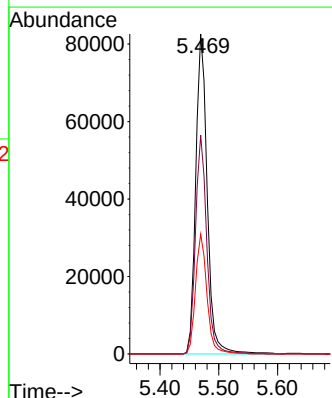
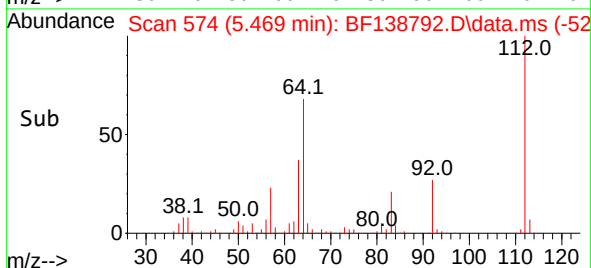
Tgt Ion:152 Resp: 41837
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 67.6 51.7 77.5

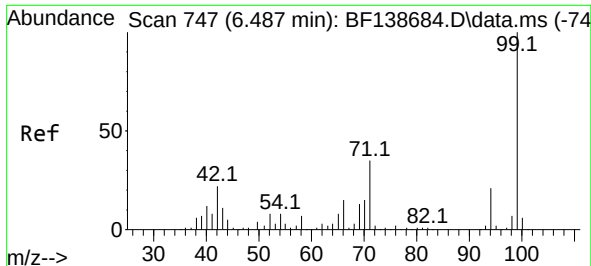


#5
2-Fluorophenol
Concen: 41.489 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43



Tgt Ion:112 Resp: 112446
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.4 28.7 43.1

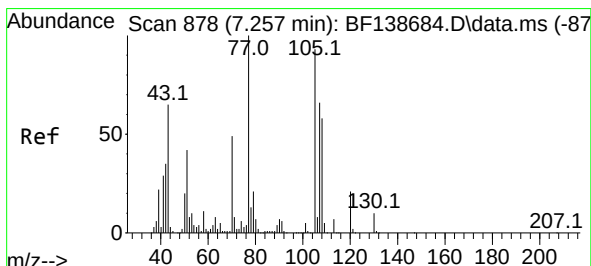
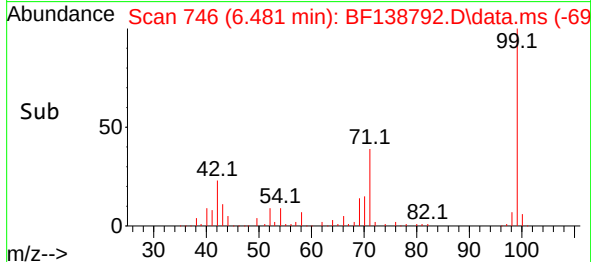
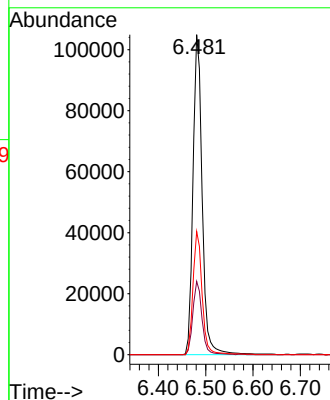
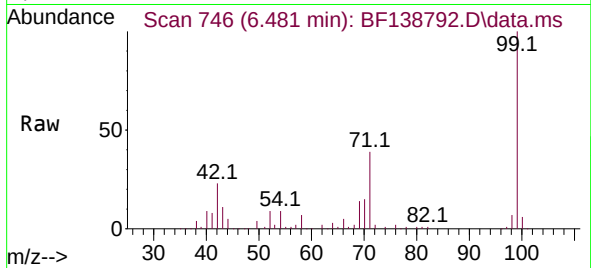




#7
Phenol-d6
Concen: 39.006 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

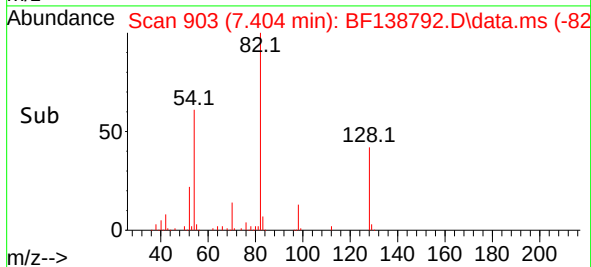
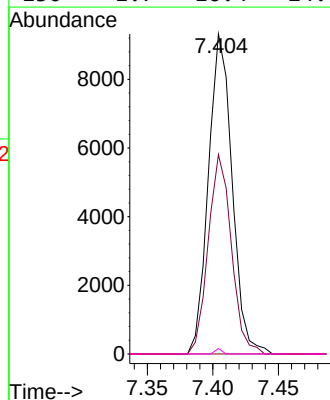
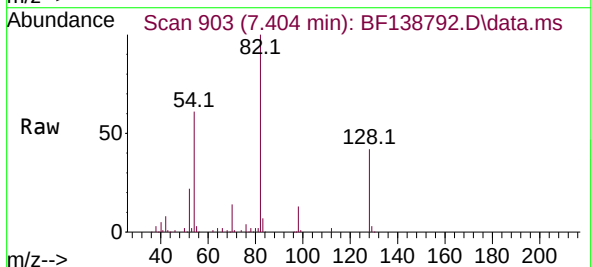
Instrument :
BNA_F
ClientSampleId :
CL-02-080124

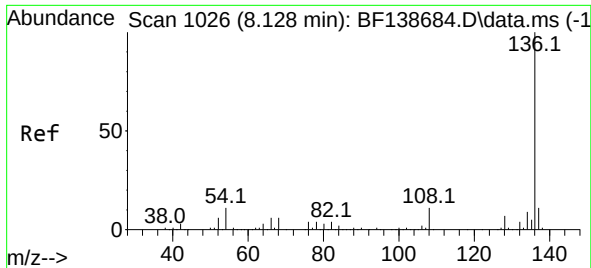
Tgt Ion: 99 Resp: 141936
Ion Ratio Lower Upper
99 100
42 22.9 17.4 26.0
71 38.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 5.331 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion: 70 Resp: 11716
Ion Ratio Lower Upper
70 100
42 62.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#





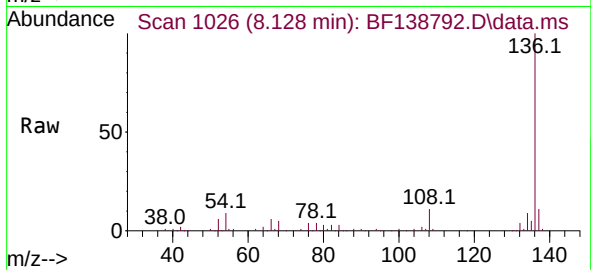
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Instrument :

BNA_F

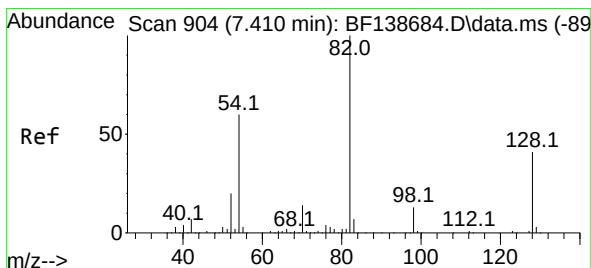
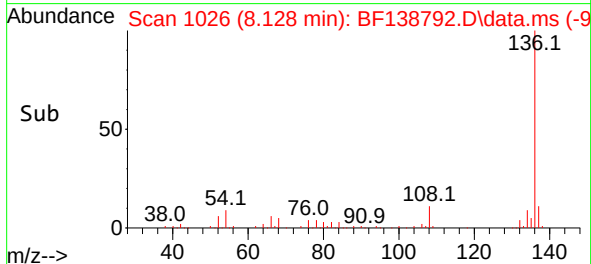
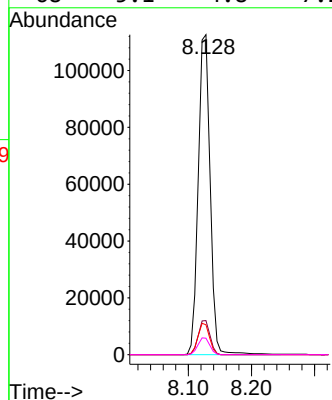
ClientSampleId :

CL-02-080124



Tgt Ion:136 Resp: 147454

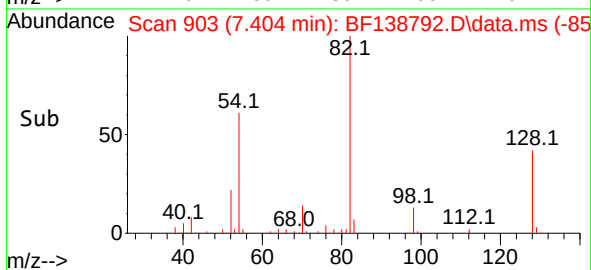
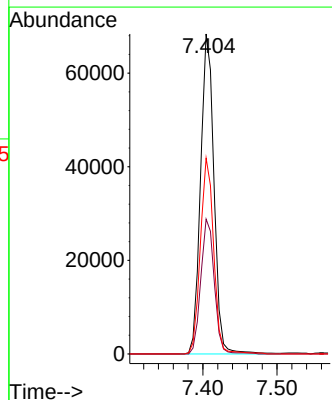
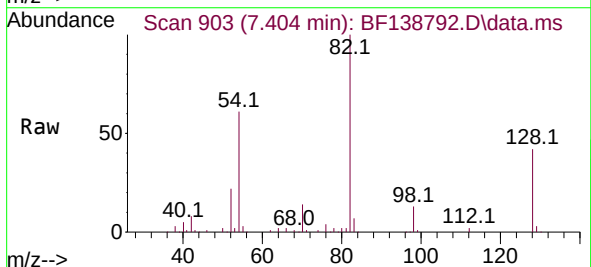
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	8.6	12.8
68	5.1	4.8	7.2

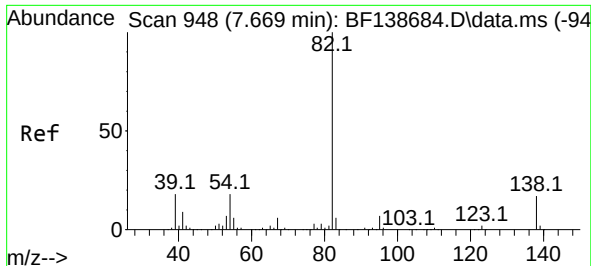


#23
Nitrobenzene-d5
Concen: 28.633 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion: 82 Resp: 86355

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.8	49.2
54	61.2	48.3	72.5

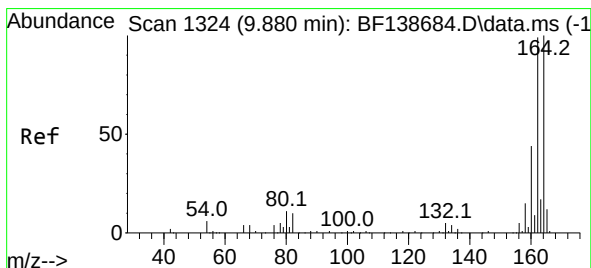
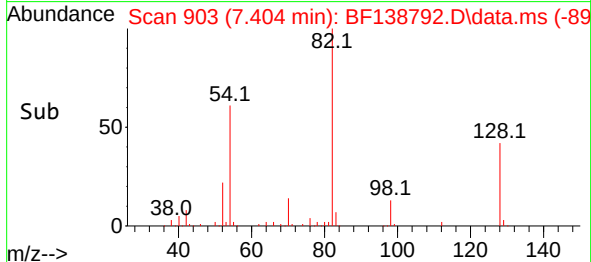
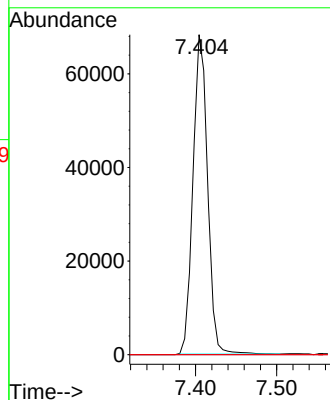
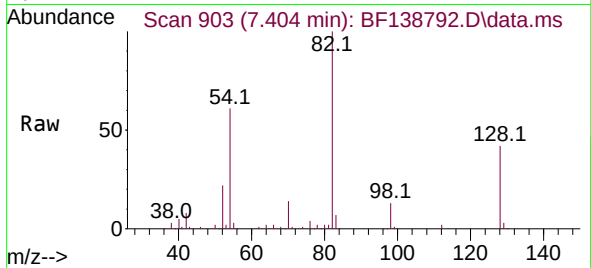




#25
Isophorone
Concen: 16.531 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

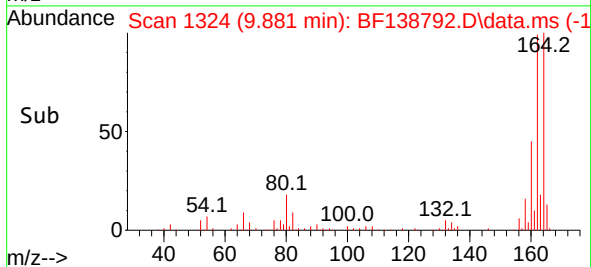
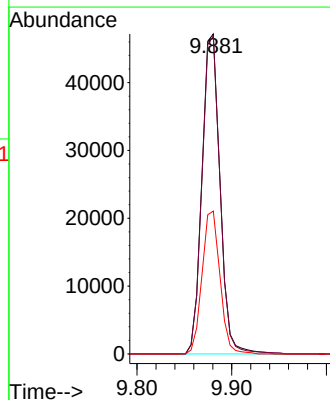
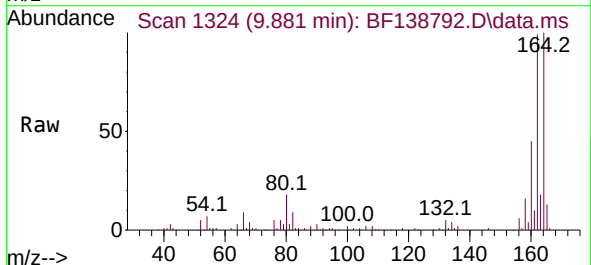
Instrument :
BNA_F
ClientSampleId :
CL-02-080124

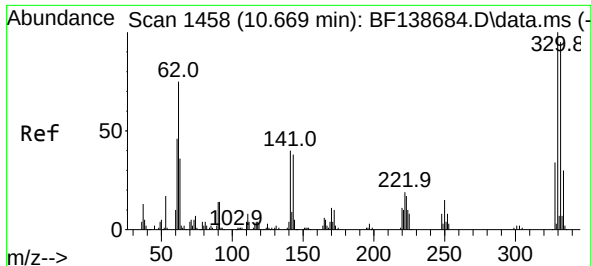
Tgt Ion: 82 Resp: 85132
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

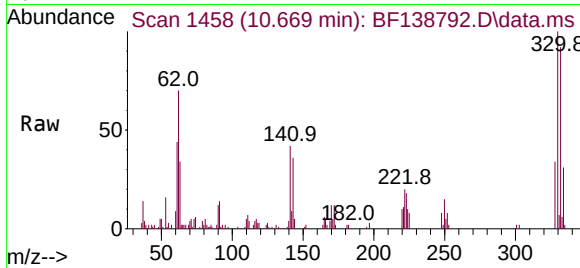
Tgt Ion: 164 Resp: 62340
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 44.7 35.1 52.7



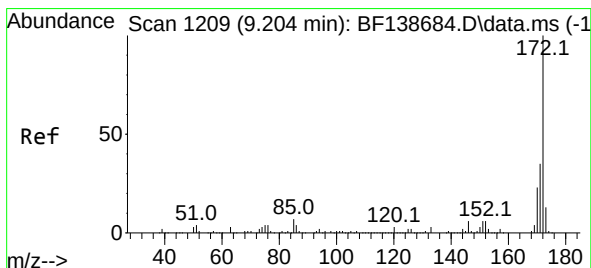
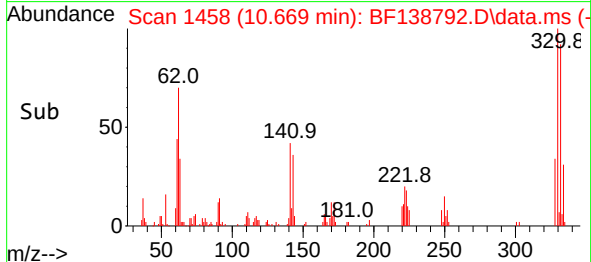
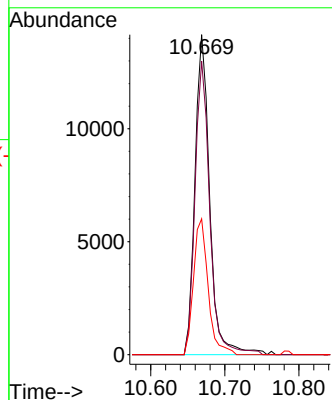


#42
2,4,6-Tribromophenol
Concen: 38.314 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Instrument :
BNA_F
ClientSampleId :
CL-02-080124

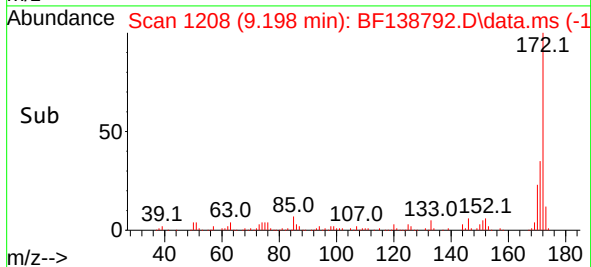
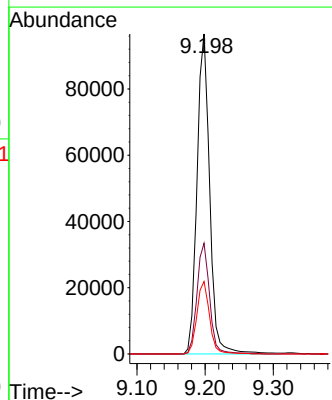
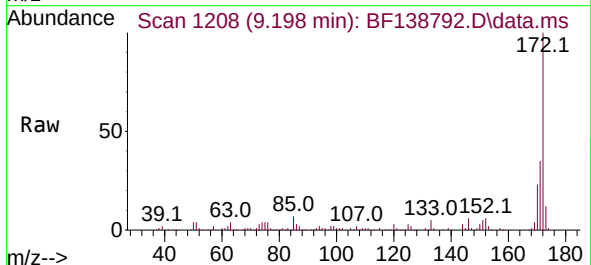


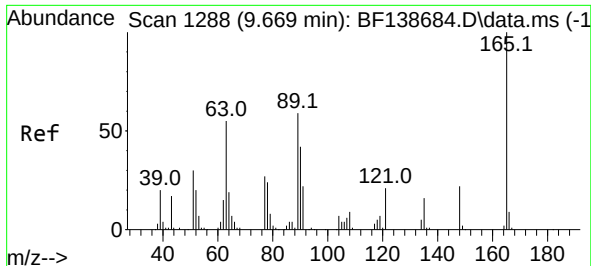
Tgt Ion: 330 Resp: 19565
Ion Ratio Lower Upper
330 100
332 91.4 76.4 114.6
141 42.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 30.027 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion: 172 Resp: 124583
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.7 18.8 28.2

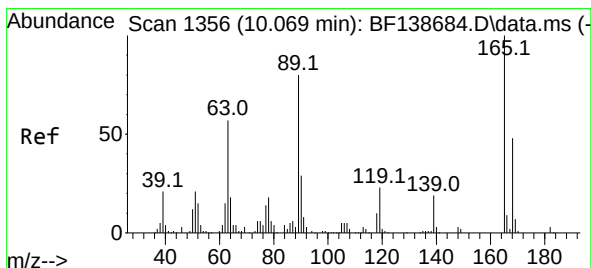
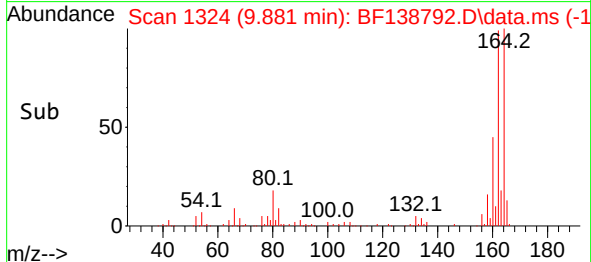
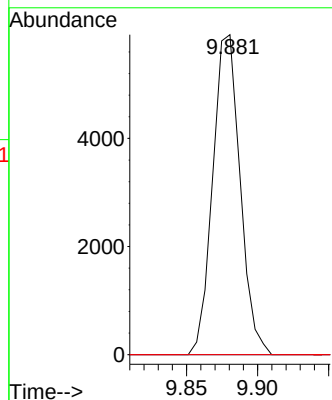
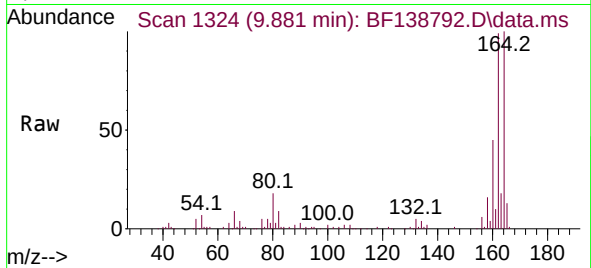




#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

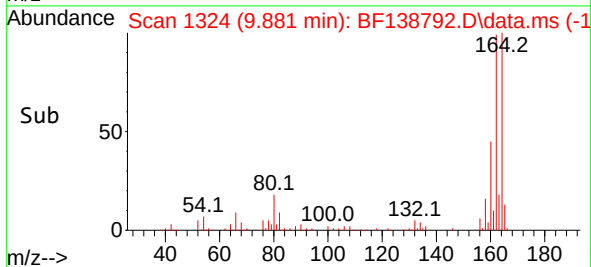
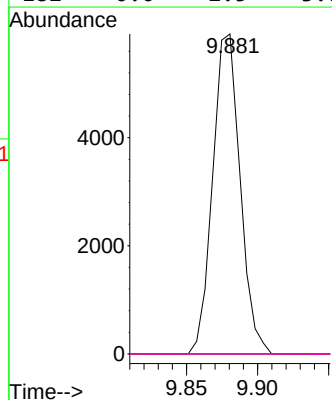
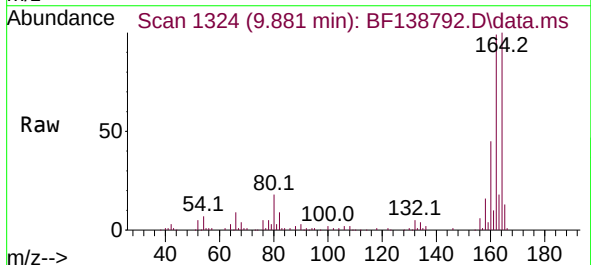
Instrument :
BNA_F
ClientSampleId :
CL-02-080124

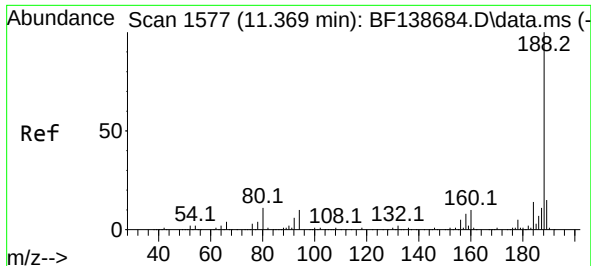
Tgt Ion:165 Resp: 7944
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion:165 Resp: 7944
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

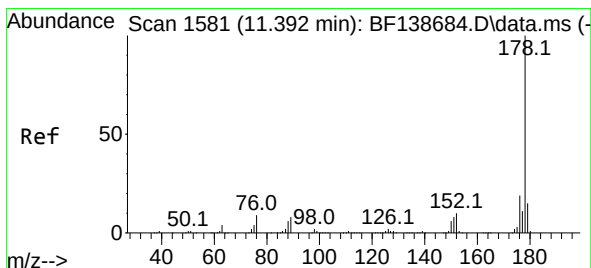
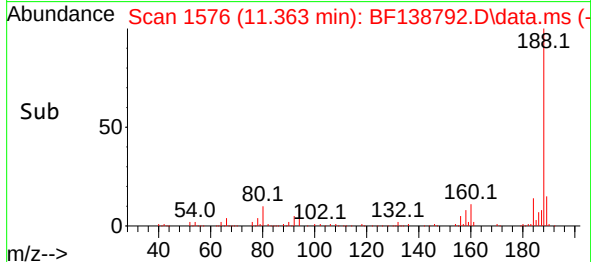
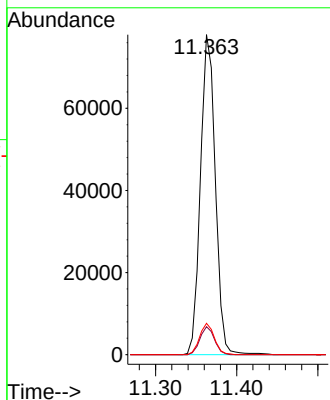
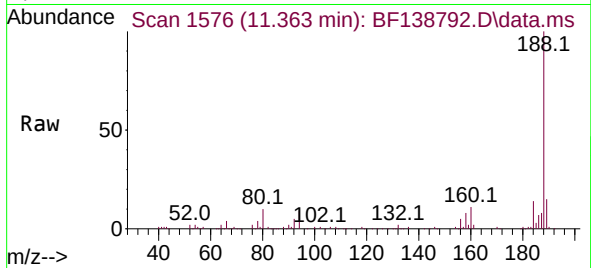




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

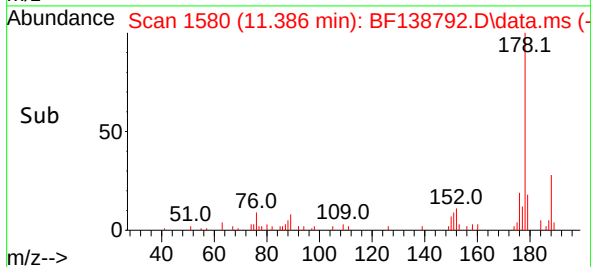
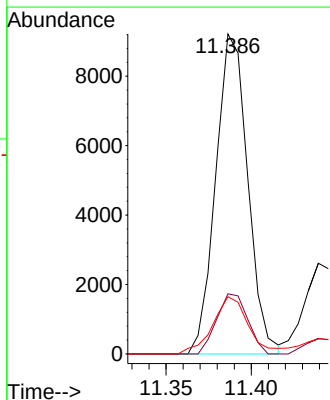
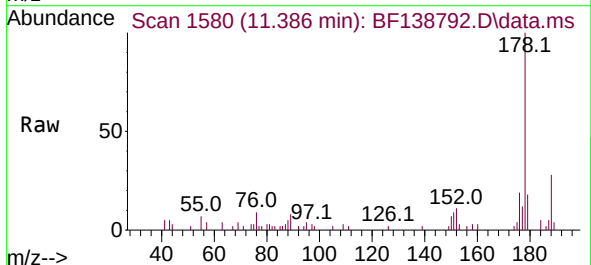
Instrument :
BNA_F
ClientSampleId :
CL-02-080124

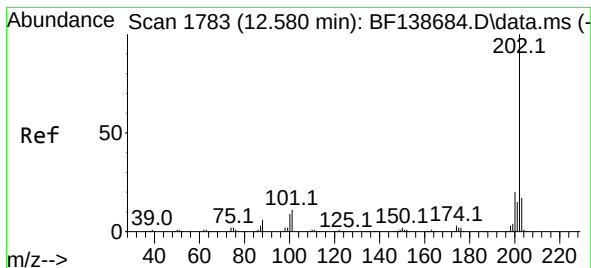
Tgt Ion:188 Resp: 99235
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.8 8.6 12.8



#71
Phenanthrene
Concen: 2.356 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion:178 Resp: 12040
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 17.9 12.2 18.2





#75

Fluoranthene

Concen: 8.791 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

Instrument :

BNA_F

ClientSampleId :

CL-02-080124

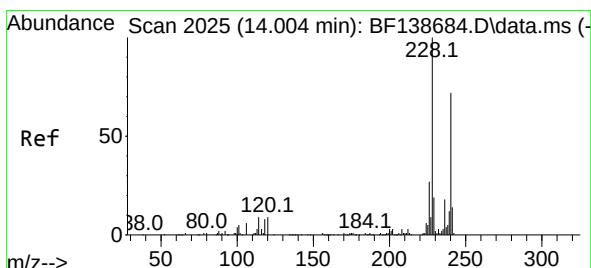
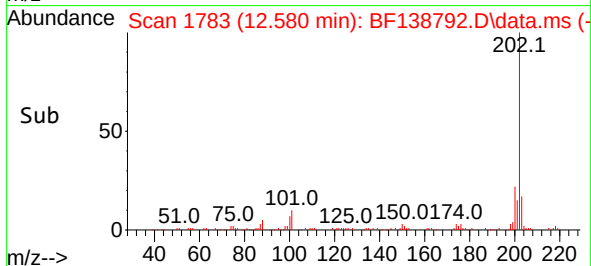
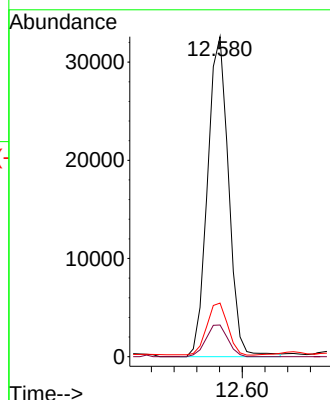
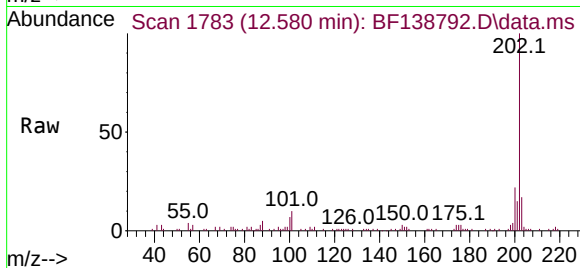
Tgt Ion:202 Resp: 41937

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.2

203 16.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

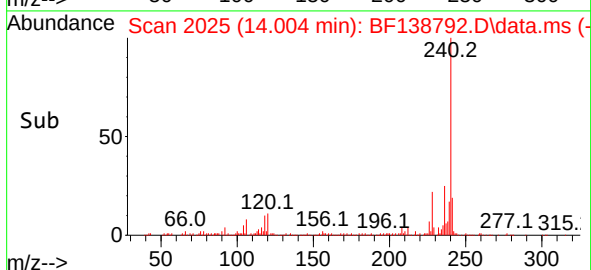
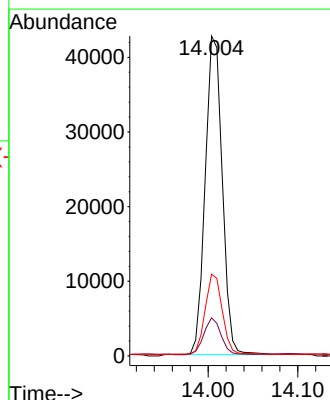
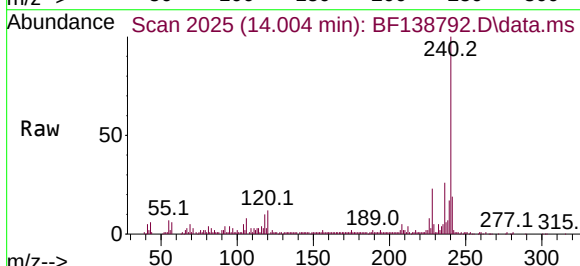
Tgt Ion:240 Resp: 56420

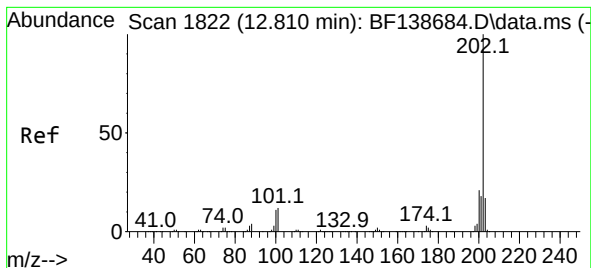
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

236 25.6 19.8 29.8





#78

Pyrene

Concen: 7.478 ng

RT: 12.810 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

Instrument :

BNA_F

ClientSampleId :

CL-02-080124

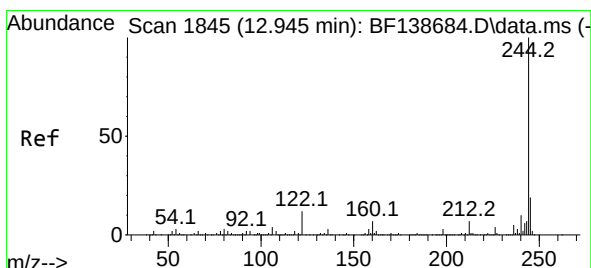
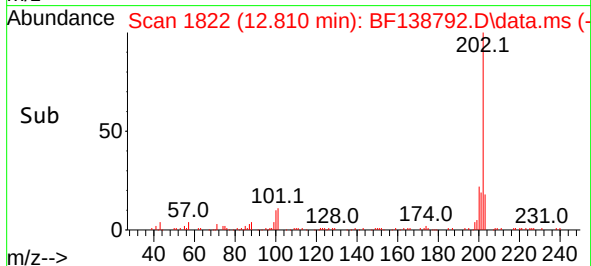
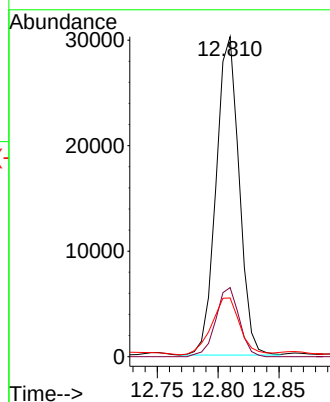
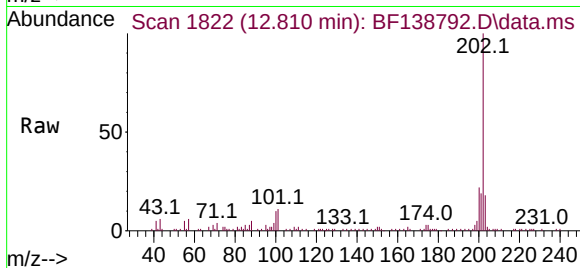
Tgt Ion:202 Resp: 39724

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

203 18.4 13.8 20.6



#79

Terphenyl-d14

Concen: 31.868 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

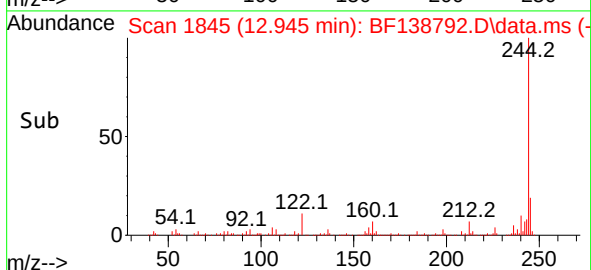
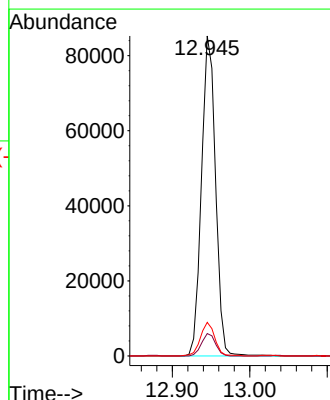
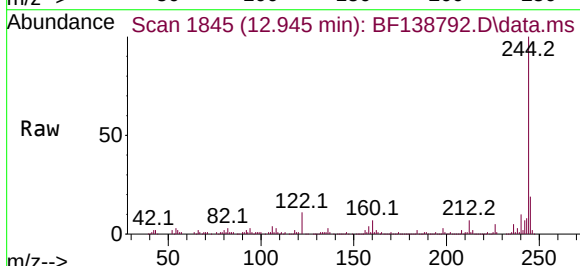
Tgt Ion:244 Resp: 107390

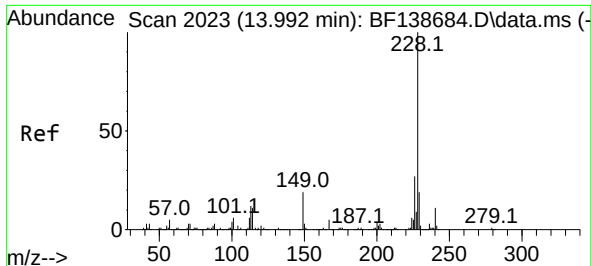
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.5 9.6 14.4

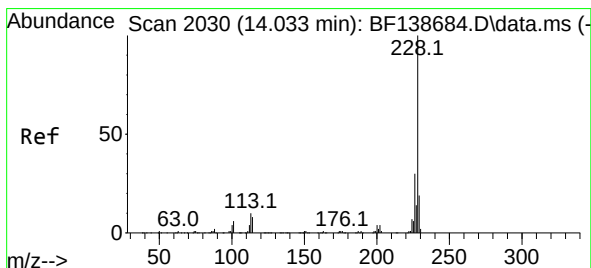
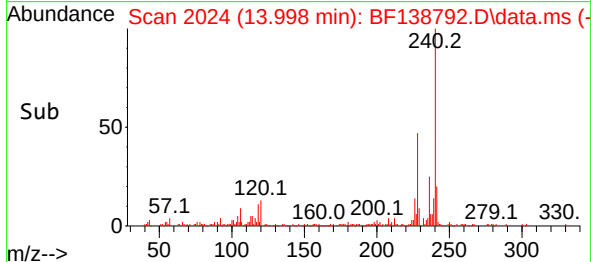
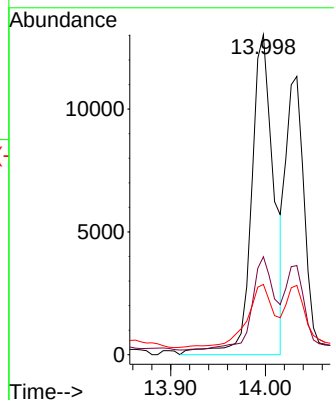
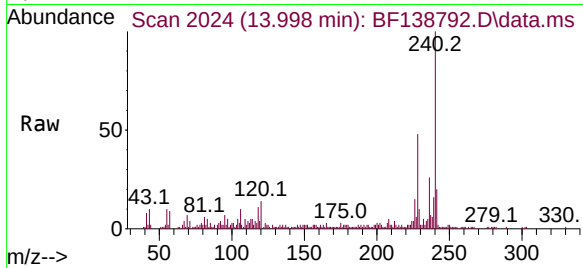




#81
Benzo(a)anthracene
Concen: 5.476 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

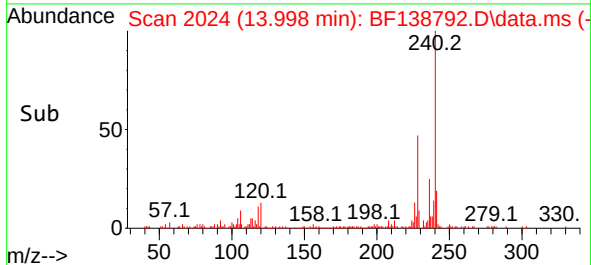
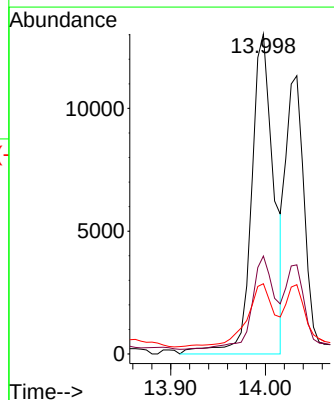
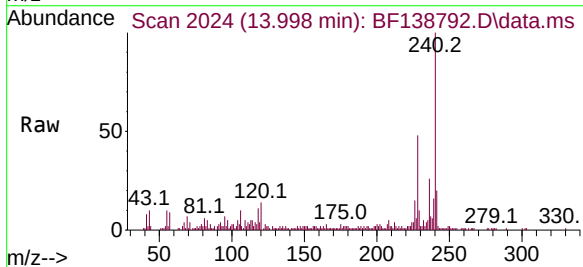
Instrument :
BNA_F
ClientSampleId :
CL-02-080124

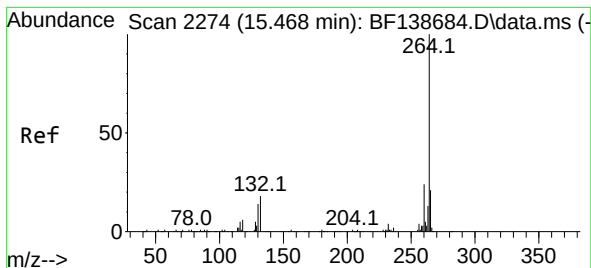
Tgt Ion:228 Resp: 21277
Ion Ratio Lower Upper
228 100
226 30.6 22.1 33.1
229 21.9 15.4 23.0



#83
Chrysene
Concen: 6.070 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.035 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion:228 Resp: 21277
Ion Ratio Lower Upper
228 100
226 30.6 23.7 35.5
229 21.9 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: BF138792.D

Acq: 05 Aug 2024 18:43

Instrument :

BNA_F

ClientSampleId :

CL-02-080124

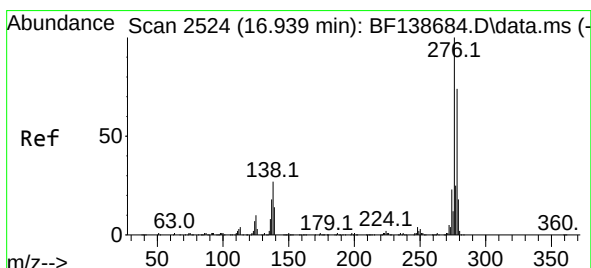
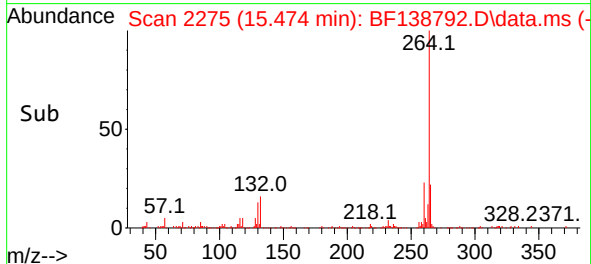
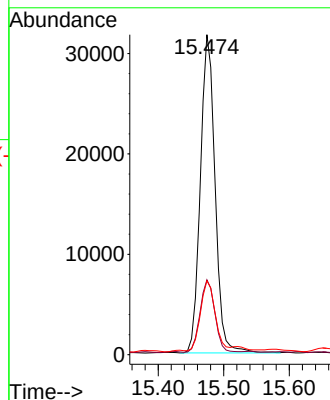
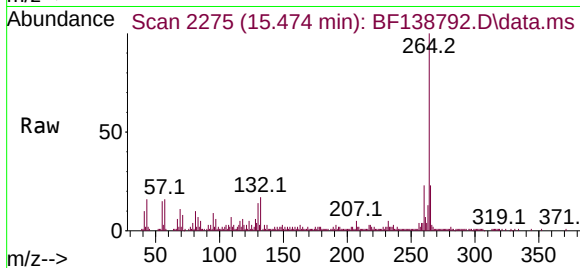
Tgt Ion:264 Resp: 49543

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 23.1 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.087 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

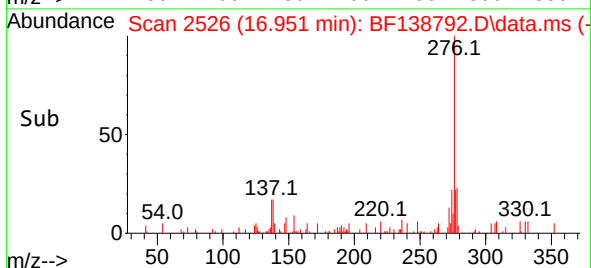
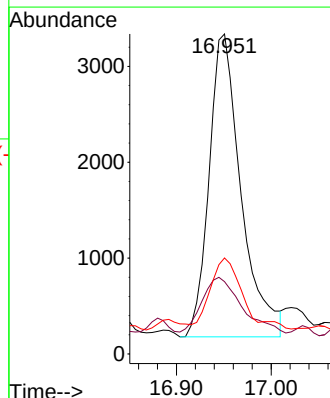
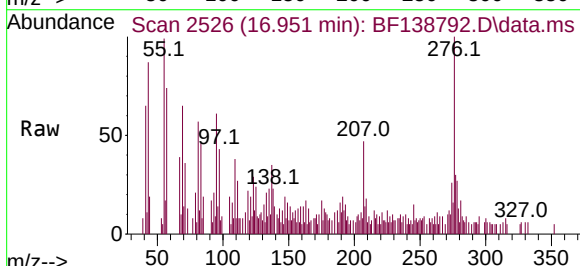
Tgt Ion:276 Resp: 7410

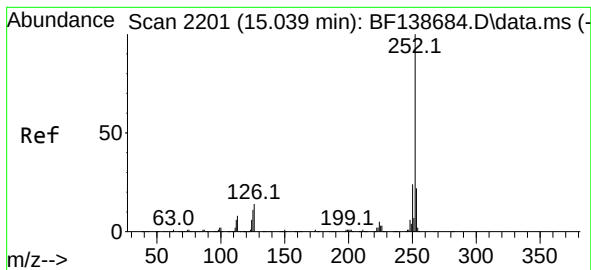
Ion Ratio Lower Upper

276 100

138 22.5 21.8 32.8

277 24.7 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 8.152 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.012 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

Instrument :

BNA_F

ClientSampleId :

CL-02-080124

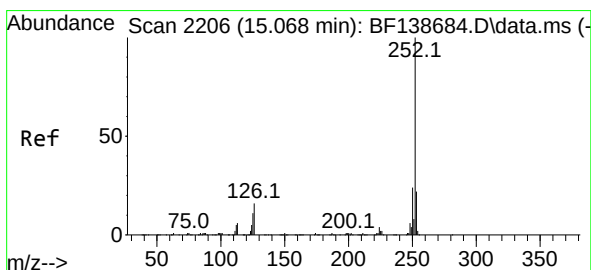
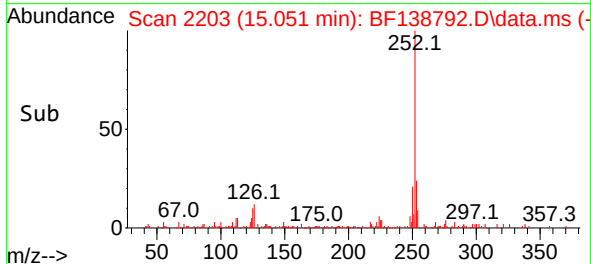
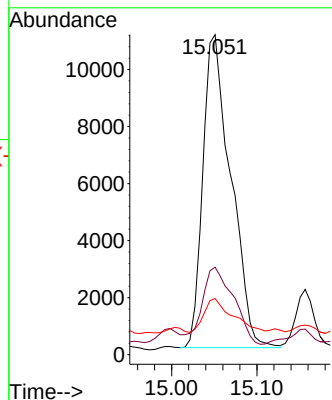
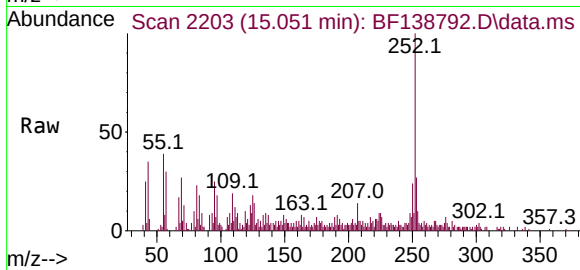
Tgt Ion:252 Resp: 25037

Ion Ratio Lower Upper

252 100

253 27.3 17.5 26.3#

125 17.6 8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 9.416 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.018 min

Lab File: BF138792.D

Acq: 05 Aug 2024 18:43

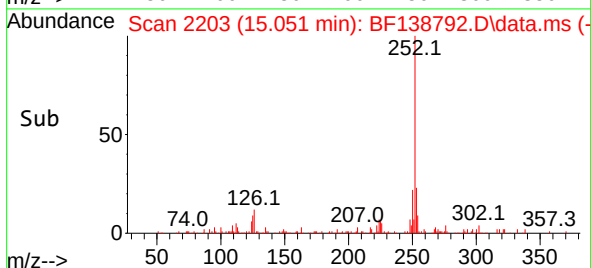
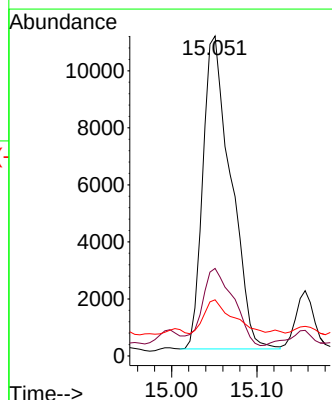
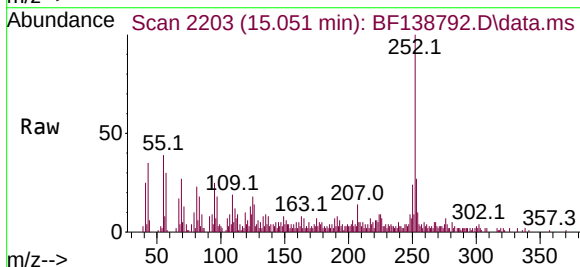
Tgt Ion:252 Resp: 25037

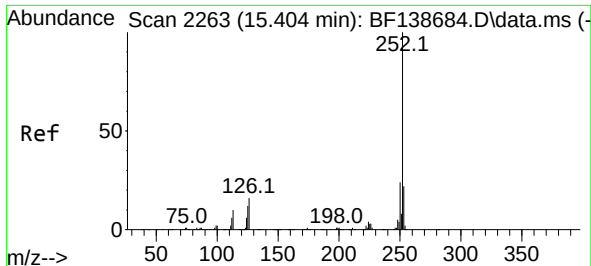
Ion Ratio Lower Upper

252 100

253 27.3 17.4 26.0#

125 17.6 8.6 13.0#

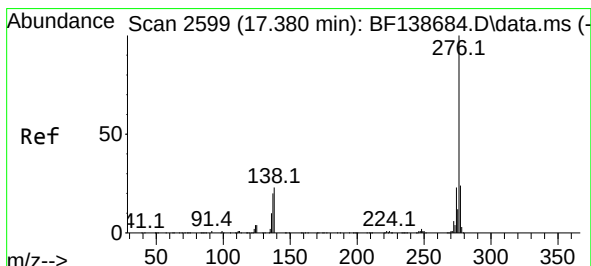
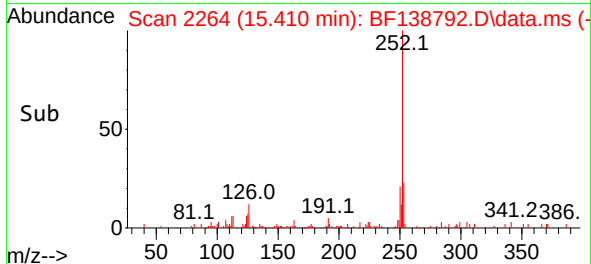
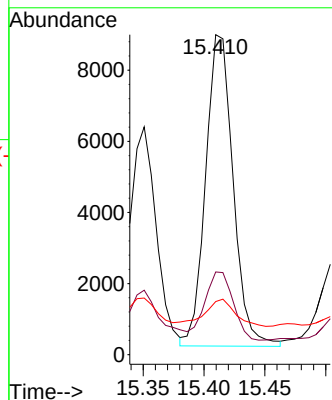
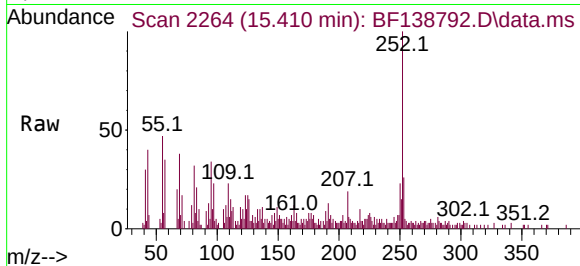




#90
Benzo(a)pyrene
Concen: 5.347 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Instrument :
BNA_F
ClientSampleId :
CL-02-080124

Tgt Ion:252 Resp: 13812
Ion Ratio Lower Upper
252 100
253 25.9 17.3 25.9
125 16.6 9.5 14.3#



#92
Benzo(g,h,i)perylene
Concen: 2.305 ng
RT: 17.398 min Scan# 2602
Delta R.T. 0.018 min
Lab File: BF138792.D
Acq: 05 Aug 2024 18:43

Tgt Ion:276 Resp: 6971
Ion Ratio Lower Upper
276 100
277 30.1 19.0 28.4#
138 29.4 18.5 27.7#

