

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138794.D
 Acq On : 05 Aug 2024 19:51
 Operator : RC/JU
 Sample : P3448-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Aug 06 00:56:15 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)

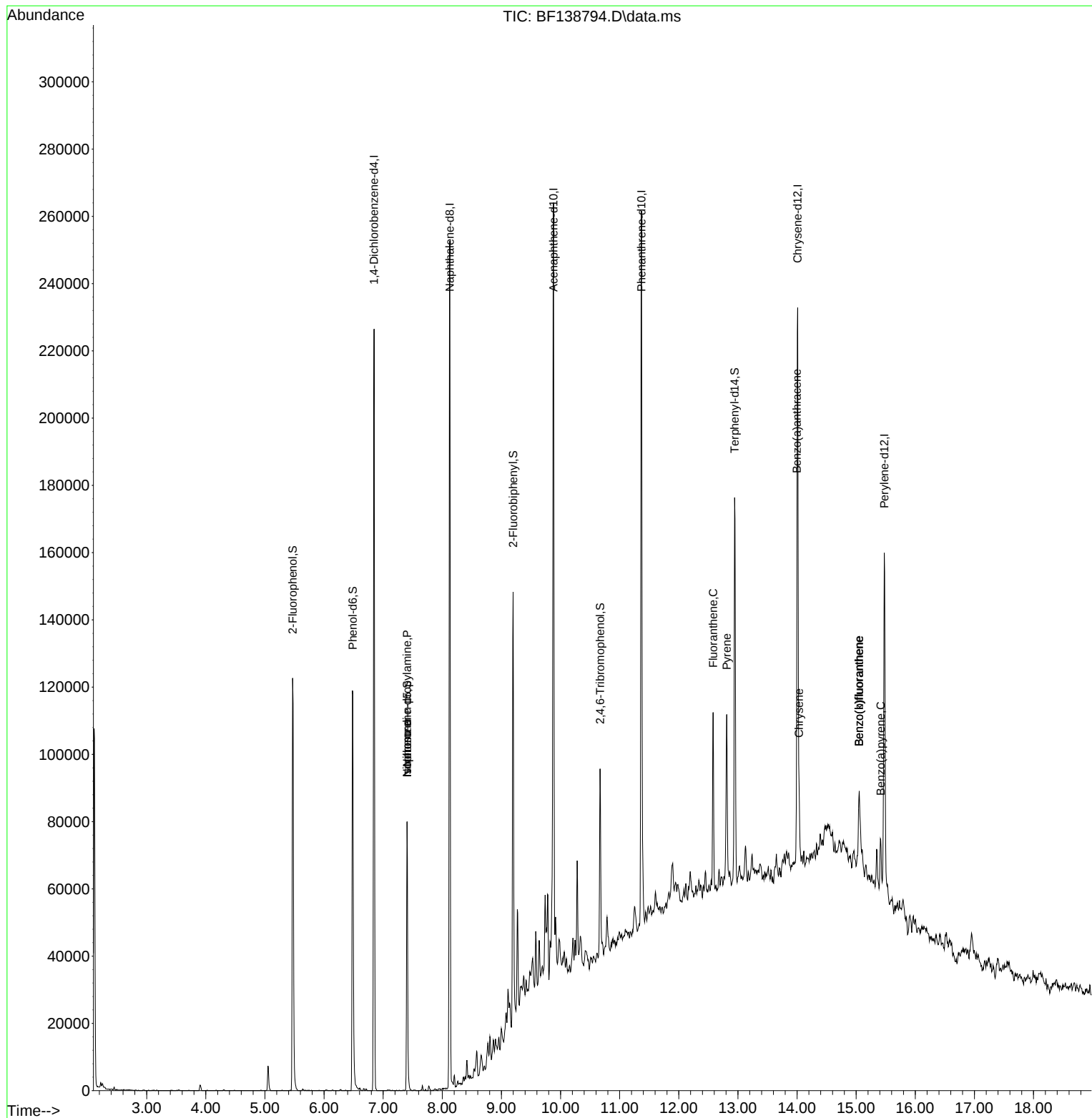
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	43952	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	156511	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	66287	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	107831	20.000	ng	0.00
76) Chrysene-d12	14.010	240	69685	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	56994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	44374	15.585	ng	0.00
7) Phenol-d6	6.487	99	58306	15.252	ng	0.00
23) Nitrobenzene-d5	7.404	82	34149	10.668	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	8125	14.964	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	55567	12.595	ng	0.00
79) Terphenyl-d14	12.945	244	52902	12.710	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	4814	2.085	ng	# 73
25) Isophorone	7.404	82	34095	6.237	ng	# 66
75) Fluoranthene	12.580	202	27966	5.395	ng	97
78) Pyrene	12.810	202	26588	4.052	ng	97
81) Benzo(a)anthracene	13.998	228	13463	2.806	ng	# 91
83) Chrysene	14.033	228	10542	2.435	ng	# 93
88) Benzo(b)fluoranthene	15.051	252	16069	4.548	ng	# 92
89) Benzo(k)fluoranthene	15.051	252	16069	5.253	ng	# 92
90) Benzo(a)pyrene	15.416	252	8689	2.924	ng	# 91

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

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ALS Vial : 14 Sample Multiplier: 1

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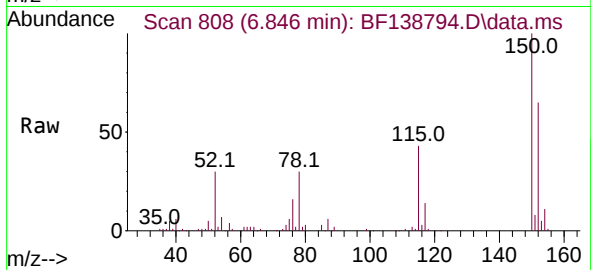
Quant Time: Aug 06 00:56:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



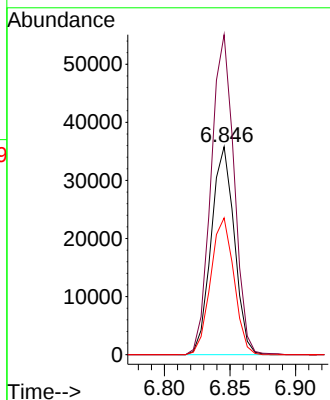
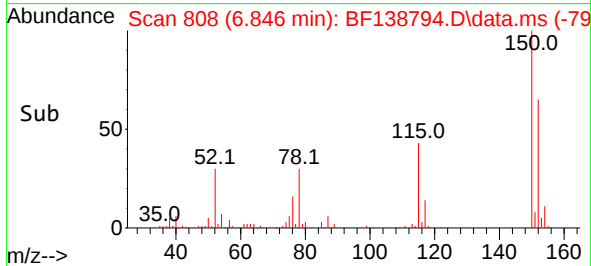


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

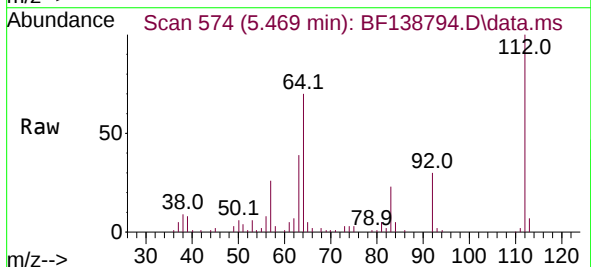
Instrument :
BNA_F
ClientSampleId :
TP2



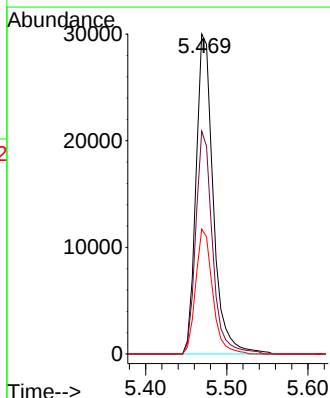
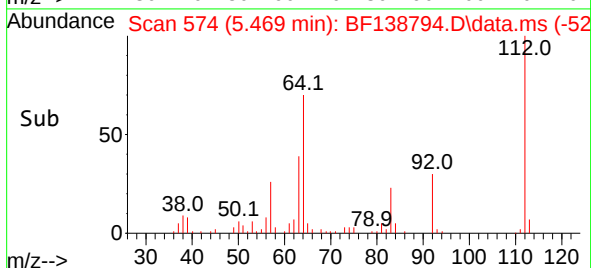
Tgt Ion:152 Resp: 43952
Ion Ratio Lower Upper
152 100
150 153.8 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 15.585 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51



Tgt Ion:112 Resp: 44374
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 39.0 28.7 43.1

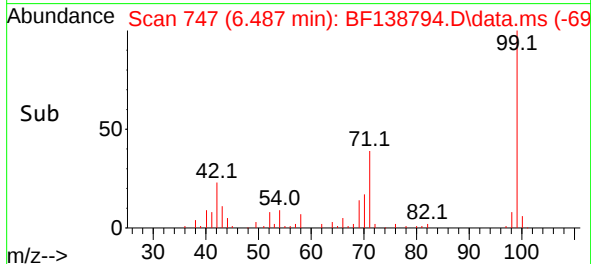
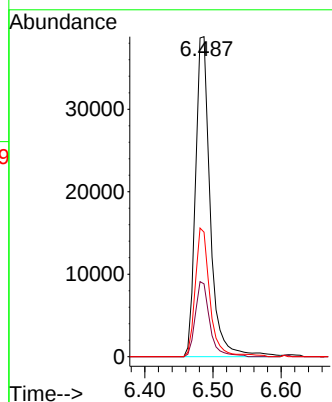
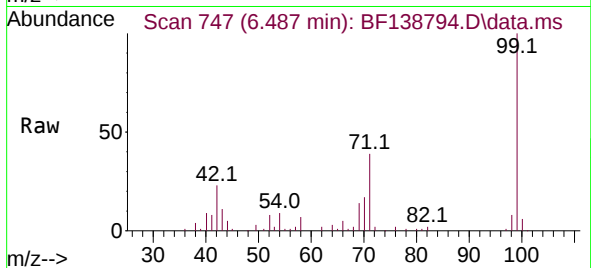




#7
Phenol-d6
Concen: 15.252 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

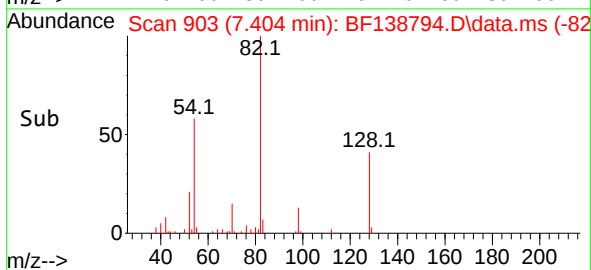
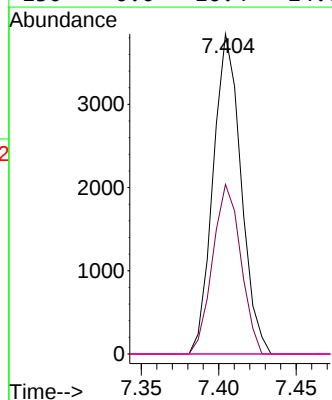
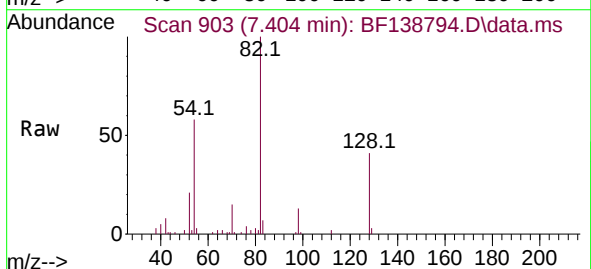
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 58306
Ion Ratio Lower Upper
99 100
42 22.8 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 2.085 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

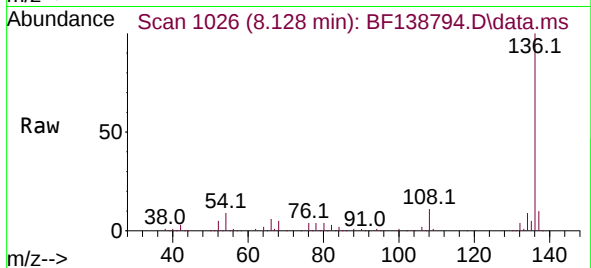
Tgt Ion: 70 Resp: 4814
Ion Ratio Lower Upper
70 100
42 53.0 57.4 86.0#
101 0.0 7.5 11.3#
130 0.0 16.4 24.6#





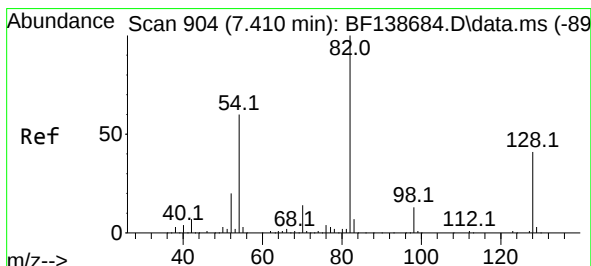
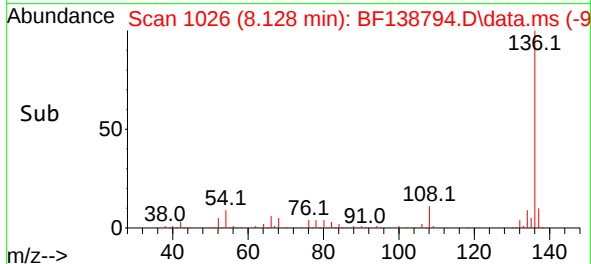
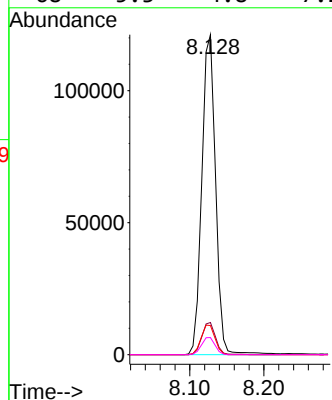
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

Instrument :
BNA_F
ClientSampleId :
TP2



Tgt Ion:136 Resp: 156511

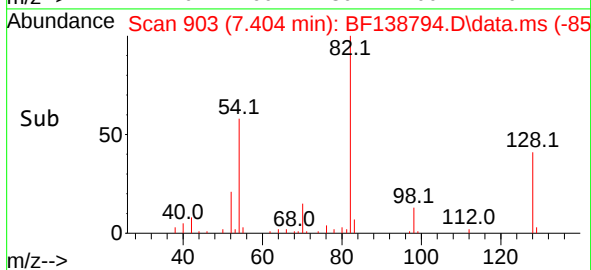
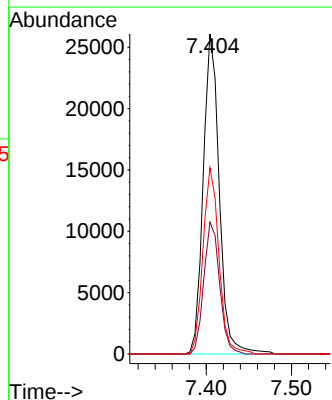
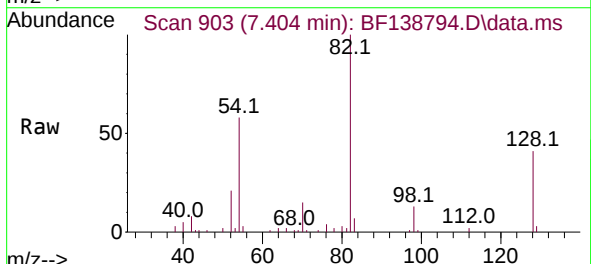
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	9.1	8.6	12.8
68	5.3	4.8	7.2

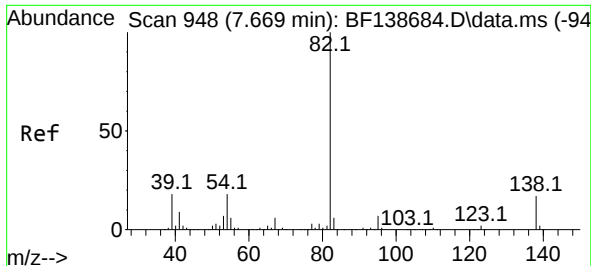


#23
Nitrobenzene-d5
Concen: 10.668 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

Tgt Ion: 82 Resp: 34149

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	58.2	48.3	72.5

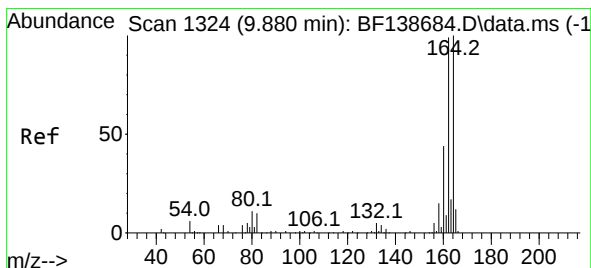
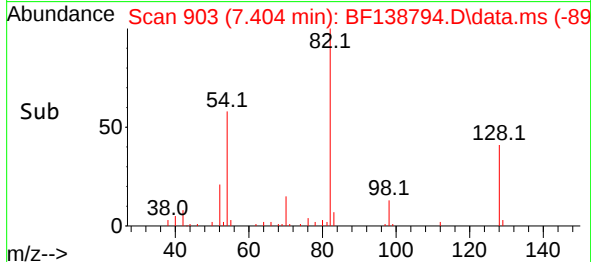
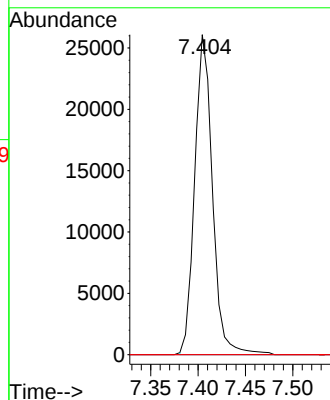
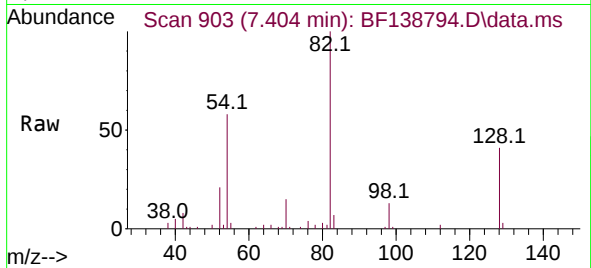




#25
Isophorone
Concen: 6.237 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

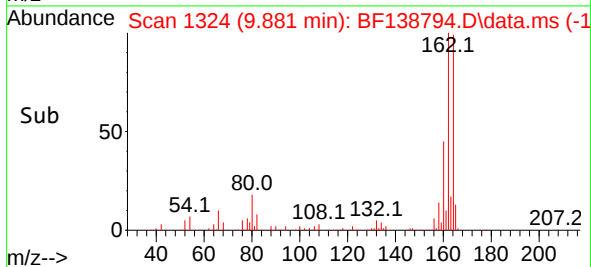
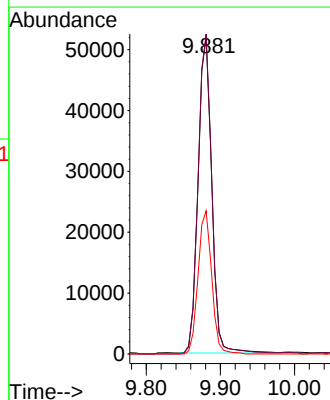
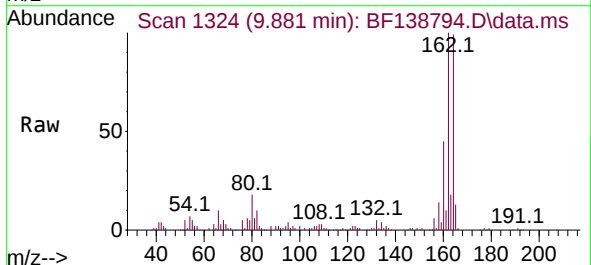
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 82 Resp: 34095
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: BF138794.D
Acq: 05 Aug 2024 19:51

Tgt Ion: 164 Resp: 66287
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 45.3 35.1 52.7

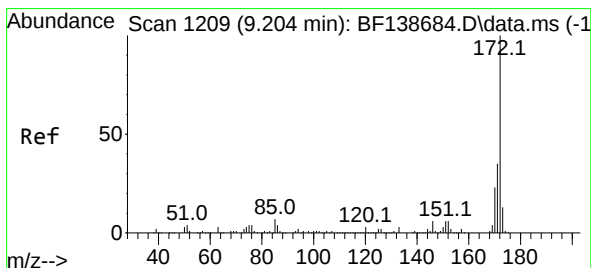
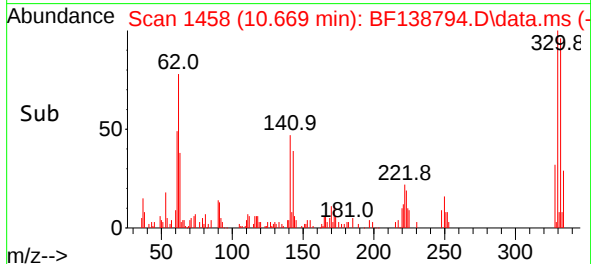
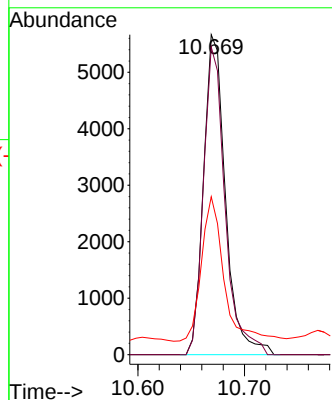
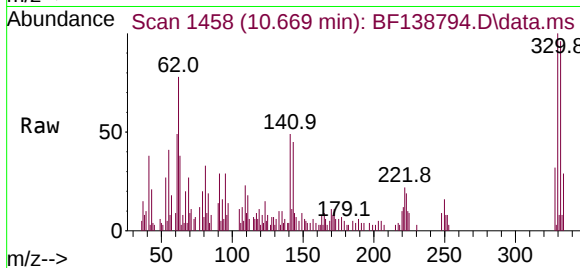




#42
2,4,6-Tribromophenol
Concen: 14.964 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

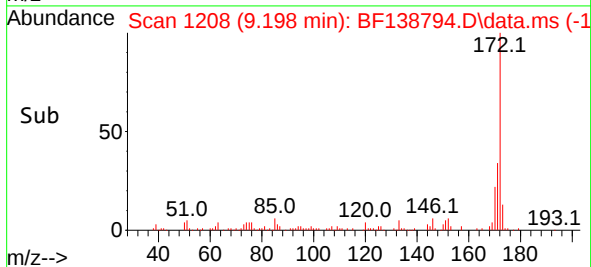
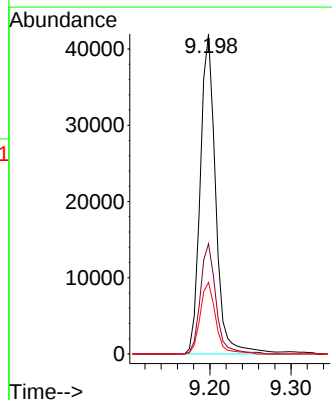
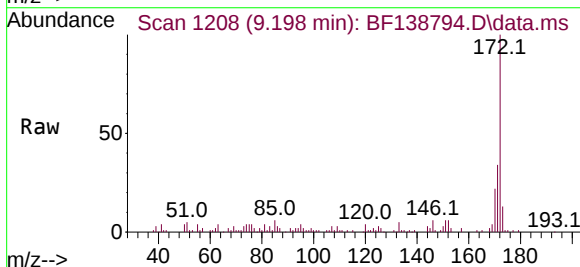
Instrument :
BNA_F
ClientSampleId :
TP2

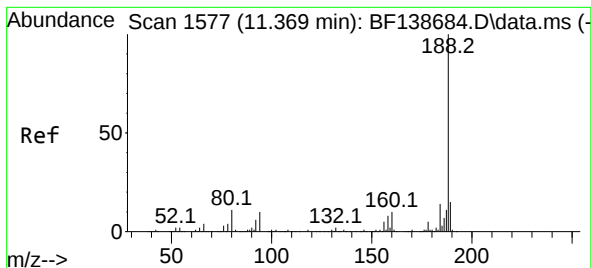
Tgt Ion: 330 Resp: 8125
Ion Ratio Lower Upper
330 100
332 95.1 76.4 114.6
141 46.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 12.595 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138794.D
Acq: 05 Aug 2024 19:51

Tgt Ion: 172 Resp: 55567
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

Instrument :

BNA_F

ClientSampleId :

TP2

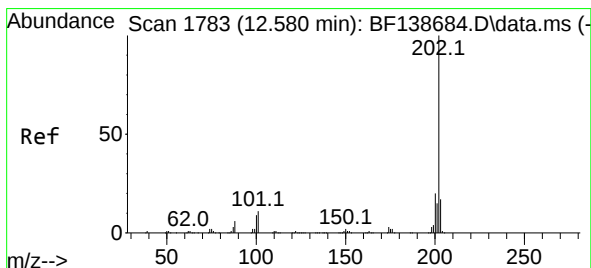
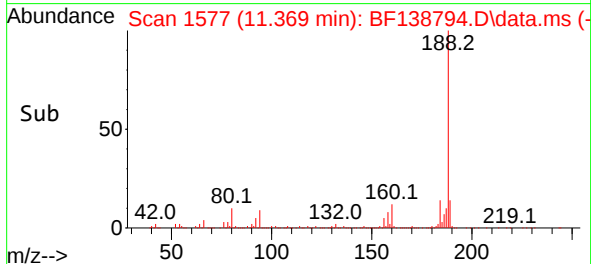
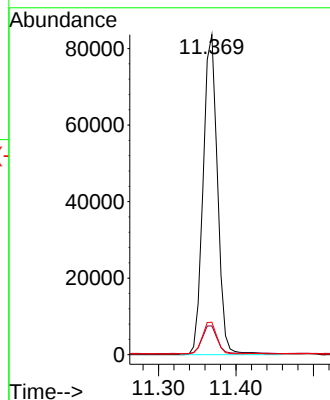
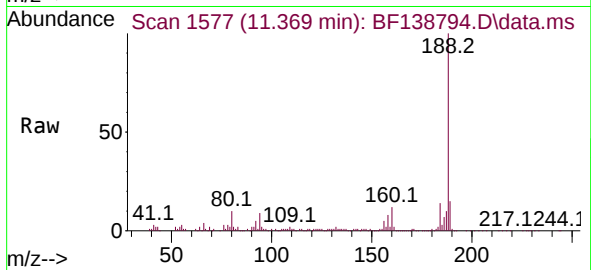
Tgt Ion:188 Resp: 107831

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 10.1 8.6 12.8



#75

Fluoranthene

Concen: 5.395 ng

RT: 12.580 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

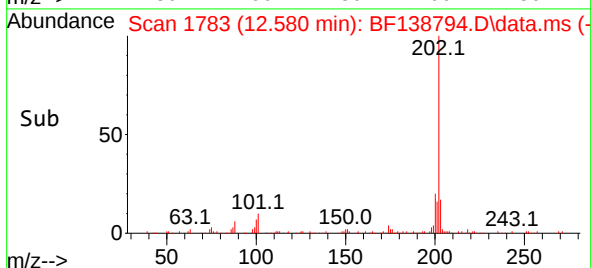
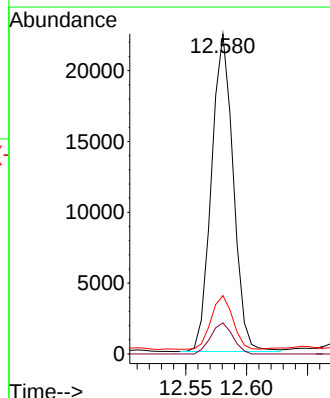
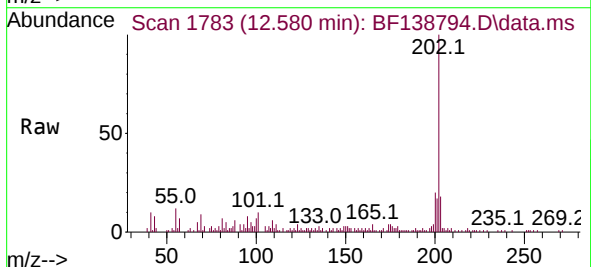
Tgt Ion:202 Resp: 27966

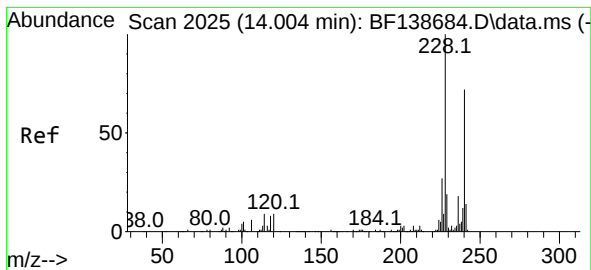
Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.2

203 18.3 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

Instrument :

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ClientSampleId :

TP2

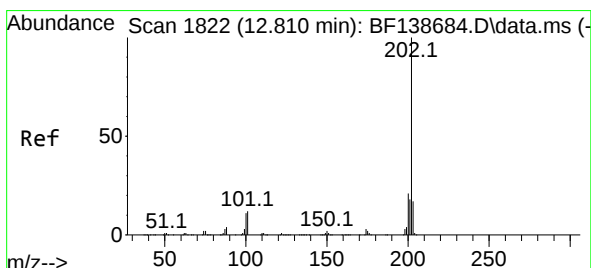
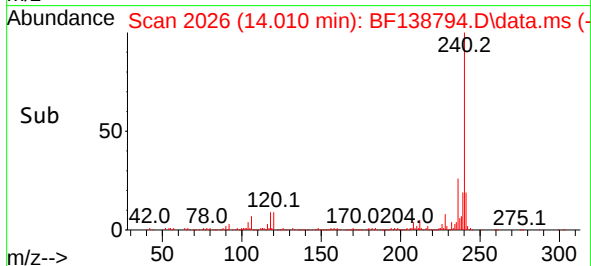
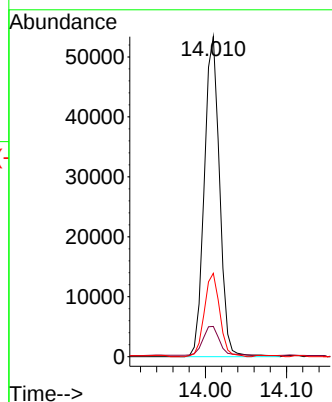
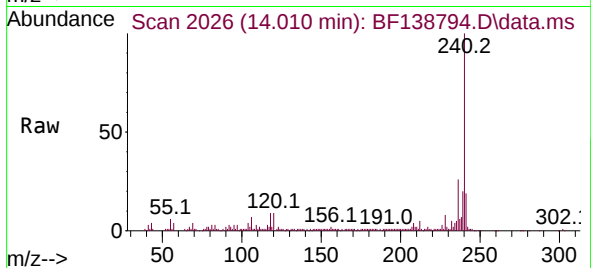
Tgt Ion:240 Resp: 69685

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 26.0 19.8 29.8



#78

Pyrene

Concen: 4.052 ng

RT: 12.810 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

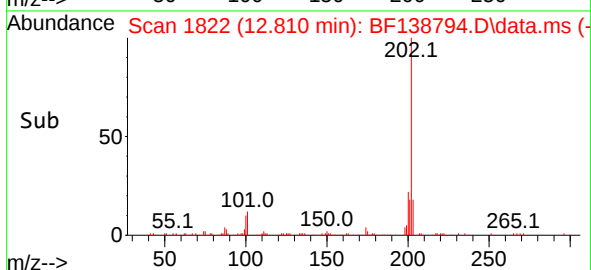
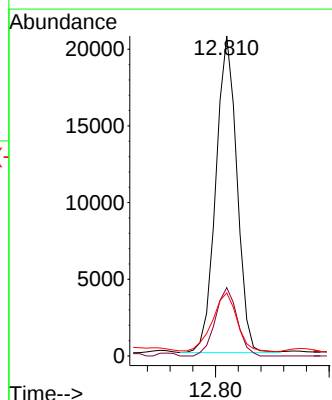
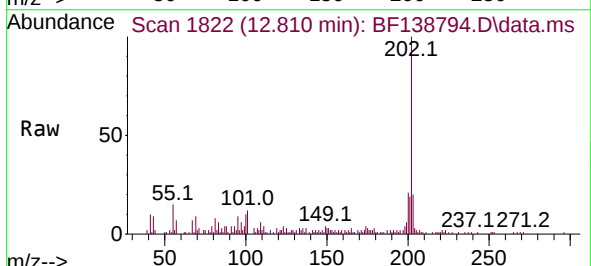
Tgt Ion:202 Resp: 26588

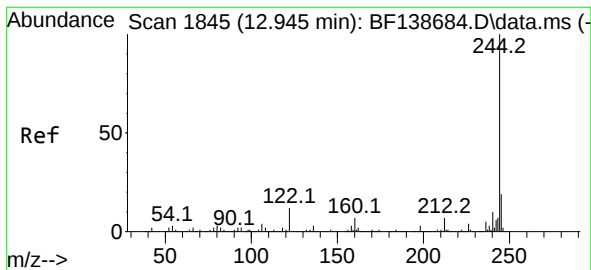
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 19.7 13.8 20.6





#79

Terphenyl-d14

Concen: 12.710 ng

RT: 12.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

Instrument :

BNA_F

ClientSampleId :

TP2

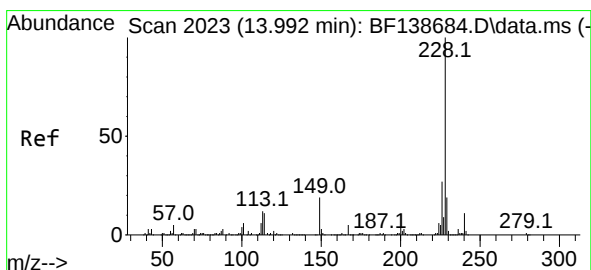
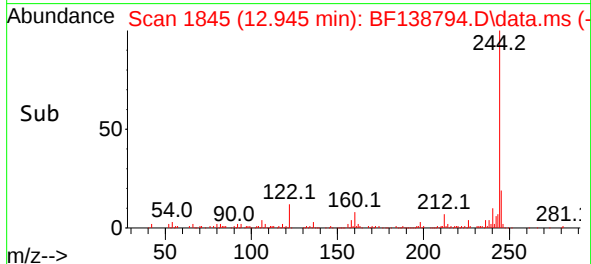
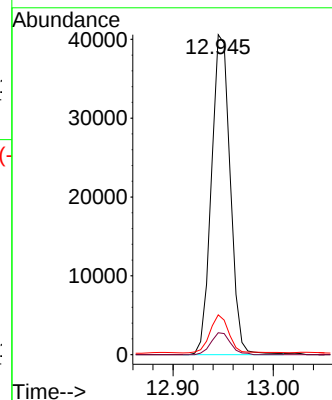
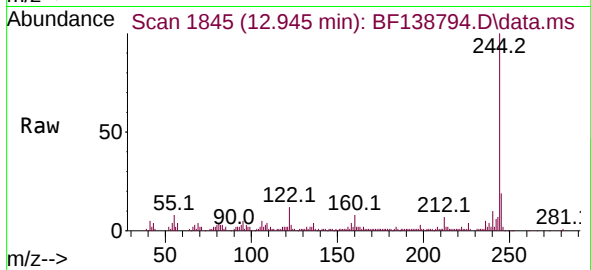
Tgt Ion:244 Resp: 52902

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.4 9.6 14.4



#81

Benzo(a)anthracene

Concen: 2.806 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

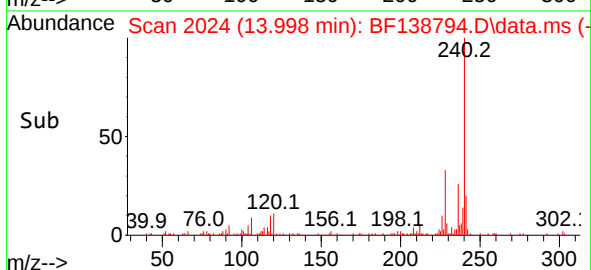
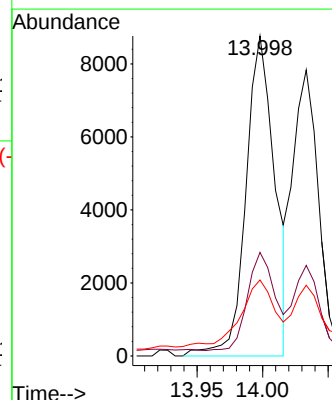
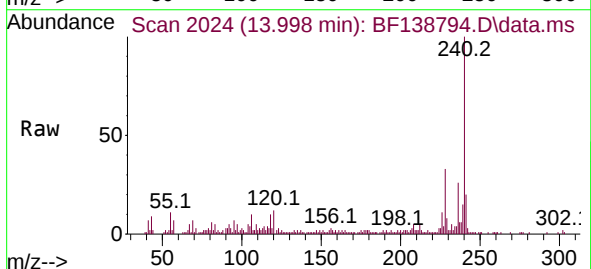
Tgt Ion:228 Resp: 13463

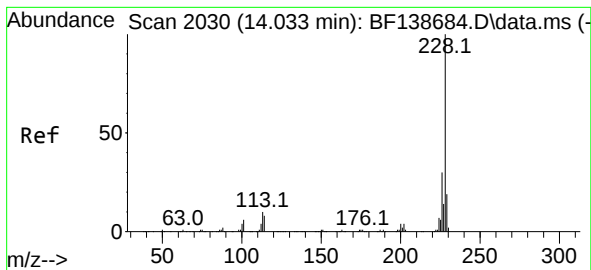
Ion Ratio Lower Upper

228 100

226 32.4 22.1 33.1

229 23.7 15.4 23.0#





#83

Chrysene

Concen: 2.435 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

Instrument :

BNA_F

ClientSampleId :

TP2

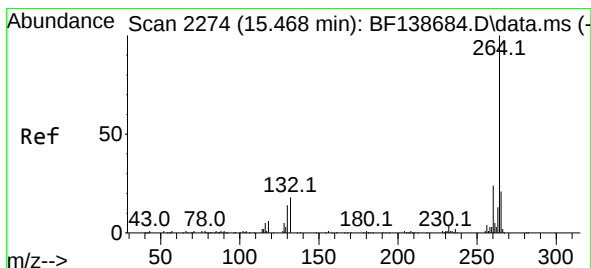
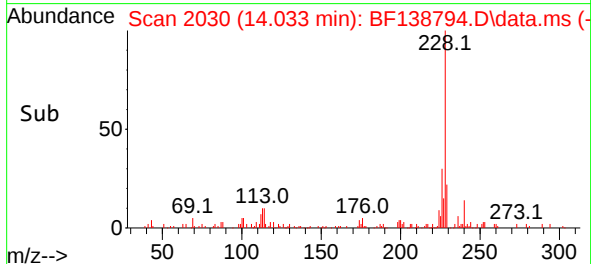
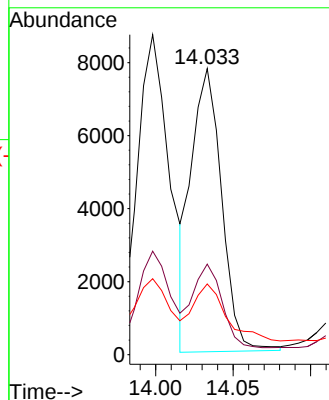
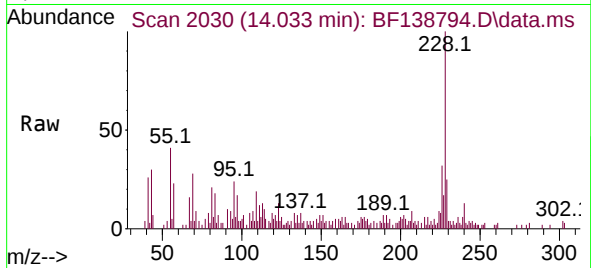
Tgt Ion:228 Resp: 10542

Ion Ratio Lower Upper

228 100

226 31.7 23.7 35.5

229 24.7 15.0 22.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

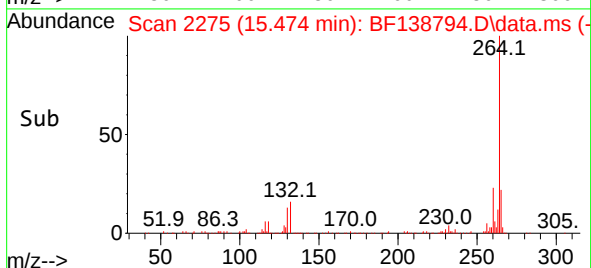
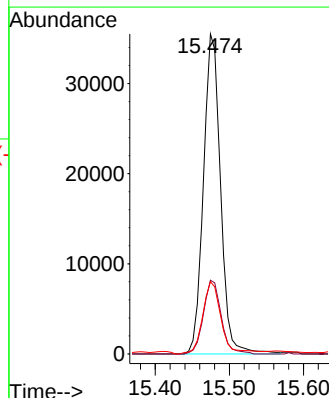
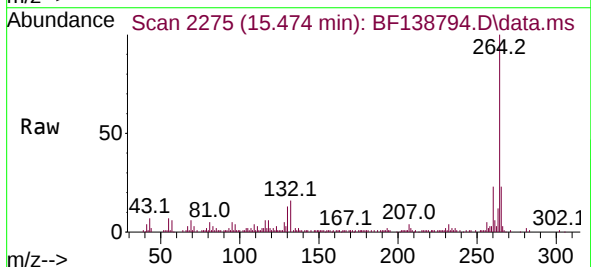
Tgt Ion:264 Resp: 56994

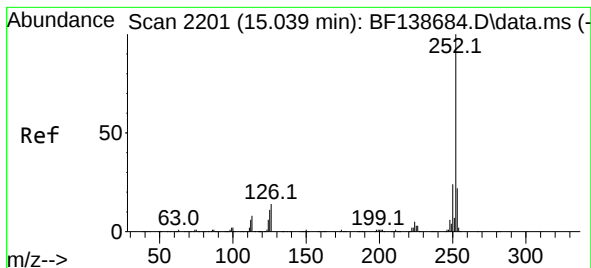
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 22.6 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 4.548 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.012 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

Instrument :

BNA_F

ClientSampleId :

TP2

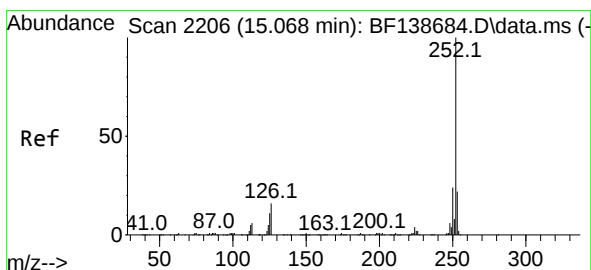
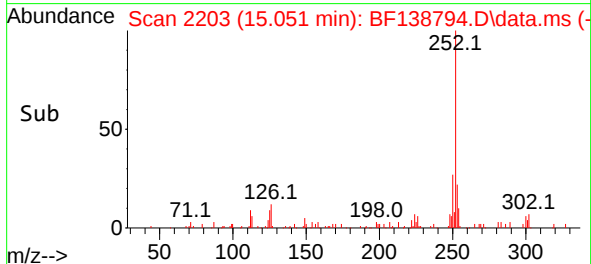
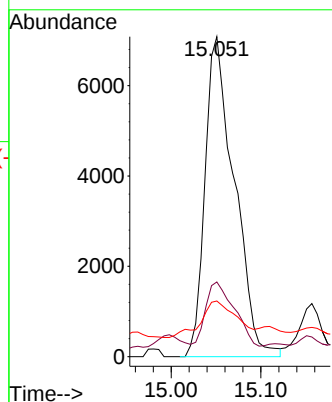
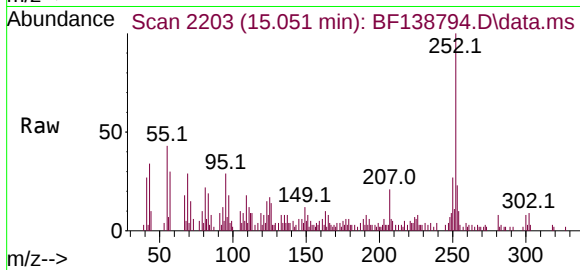
Tgt Ion:252 Resp: 16069

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 17.4 8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 5.253 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.018 min

Lab File: BF138794.D

Acq: 05 Aug 2024 19:51

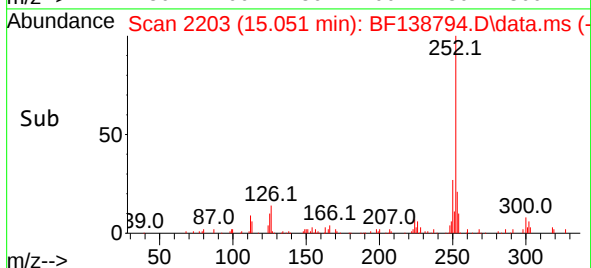
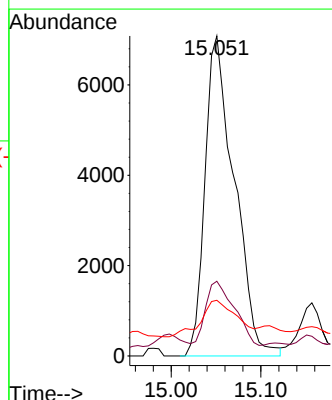
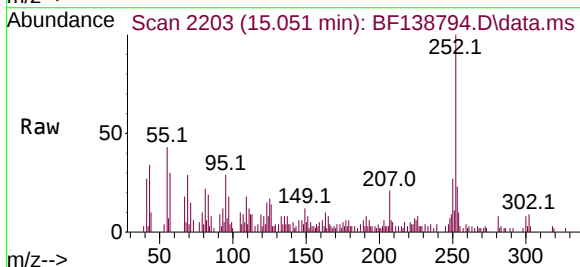
Tgt Ion:252 Resp: 16069

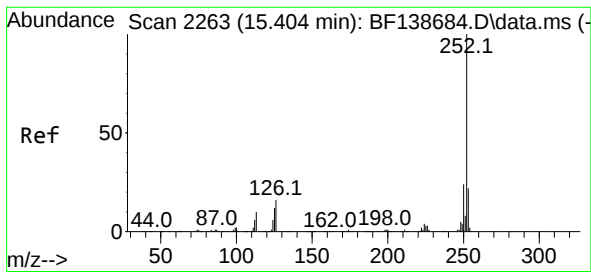
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 17.4 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 2.924 ng

RT: 15.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138794.D

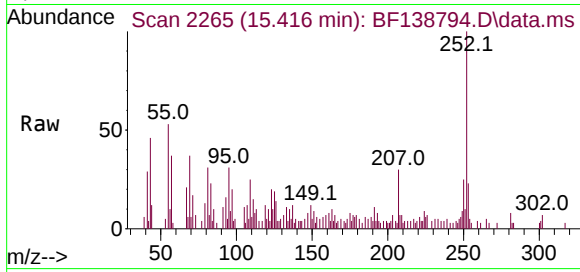
Acq: 05 Aug 2024 19:51

Instrument :

BNA_F

ClientSampleId :

TP2



Tgt Ion:252 Resp: 8689

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 19.1 9.5 14.3#

