

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138874.D
 Acq On : 08 Aug 2024 19:33
 Operator : RC/JU
 Sample : P3484-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B

Quant Time: Aug 09 01:02:19 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)

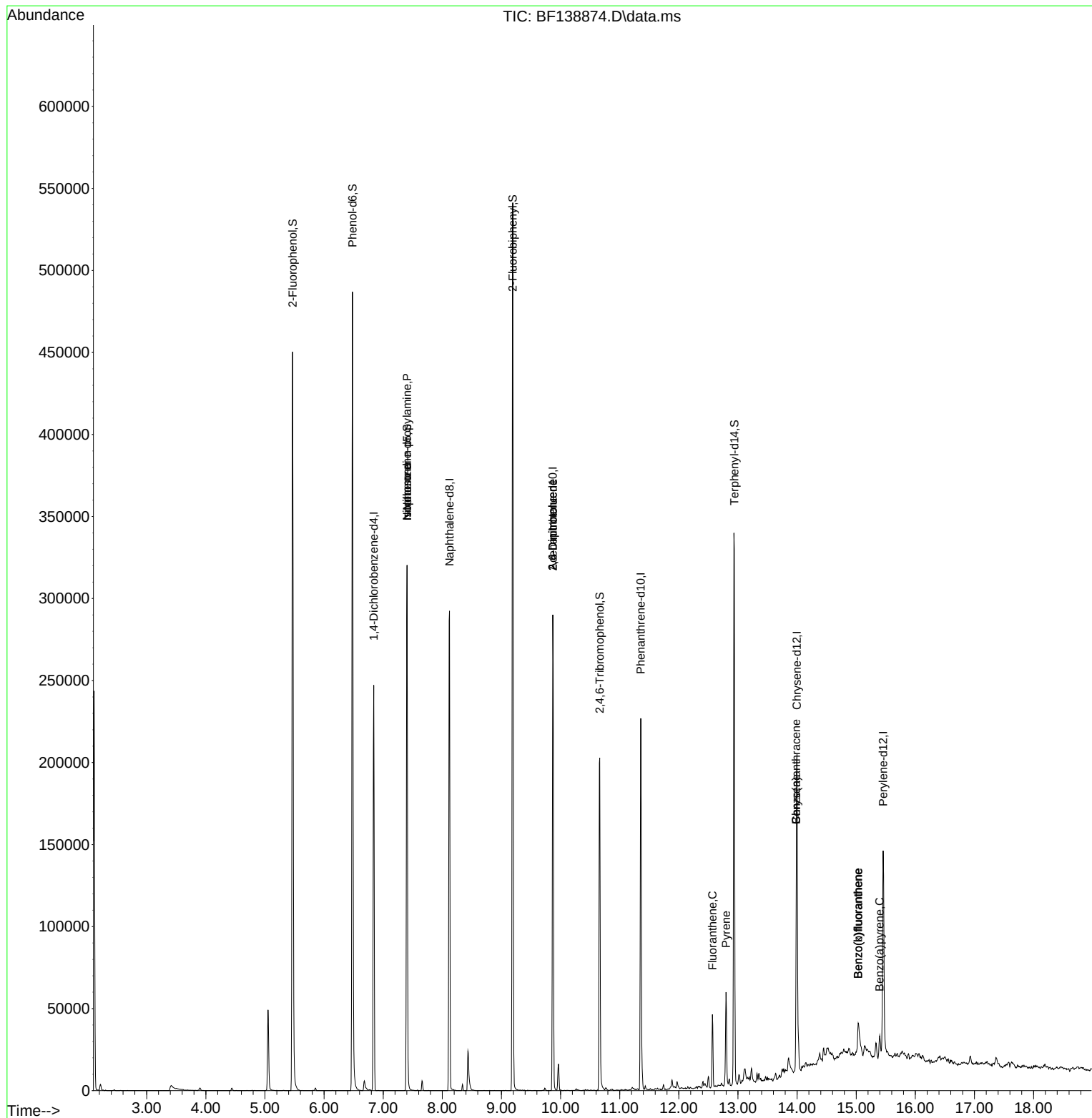
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	45921	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176953	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	82049	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	114057	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	81377	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	65617	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	152228	51.172	ng	0.00
7) Phenol-d6	6.481	99	201723	50.506	ng	0.00
23) Nitrobenzene-d5	7.404	82	131521	36.339	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	30312	45.101	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	218891	40.084	ng	-0.01
79) Terphenyl-d14	12.939	244	156134	32.123	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	18297	7.585	ng	# 75
25) Isophorone	7.404	82	131520	21.281	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10463	8.837	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10463	6.926	ng	# 16
75) Fluoranthene	12.568	202	24696	4.504	ng	97
78) Pyrene	12.798	202	32455	4.236	ng	99
81) Benzo(a)anthracene	13.986	228	12413	2.215	ng	94
83) Chrysene	13.986	228	12413	2.455	ng	96
88) Benzo(b)fluoranthene	15.033	252	14987	3.684	ng	95
89) Benzo(k)fluoranthene	15.033	252	14987	4.255	ng	# 94
90) Benzo(a)pyrene	15.398	252	7489	2.189	ng	# 94

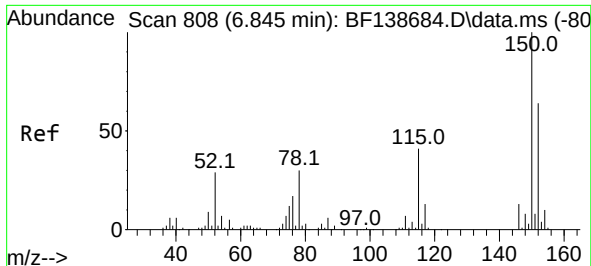
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
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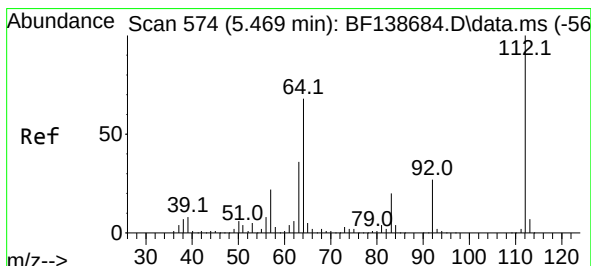
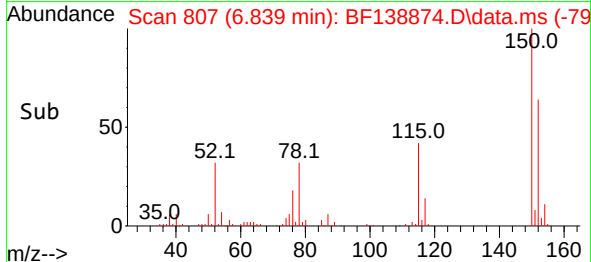
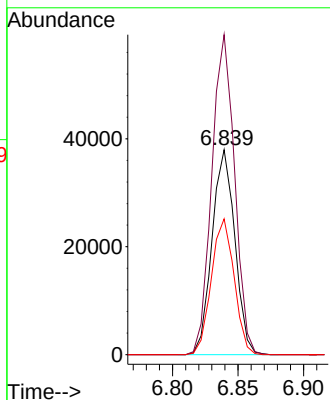
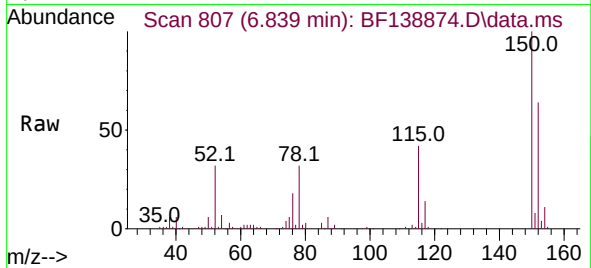




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

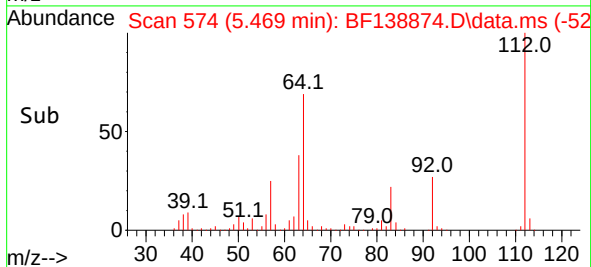
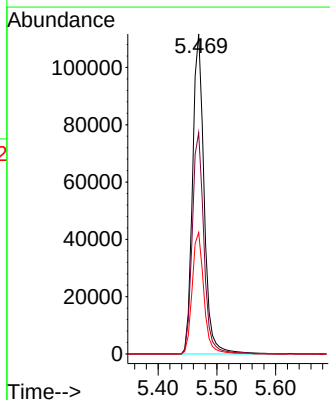
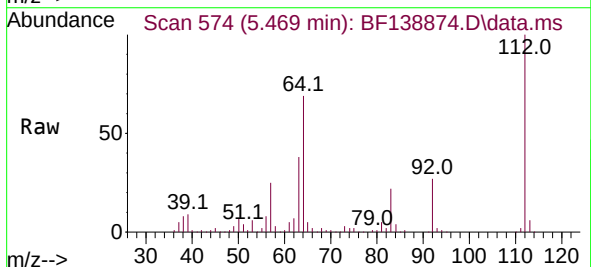
Instrument :
BNA_F
ClientSampleId :
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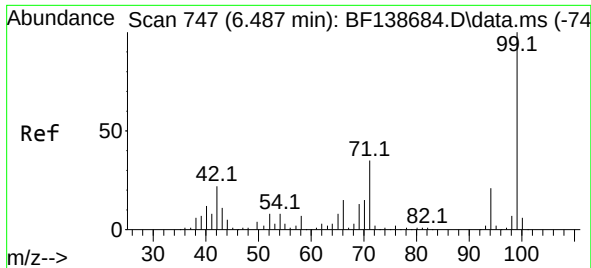
Tgt Ion:152 Resp: 45921
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 51.172 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Tgt Ion:112 Resp: 152228
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.9 28.7 43.1

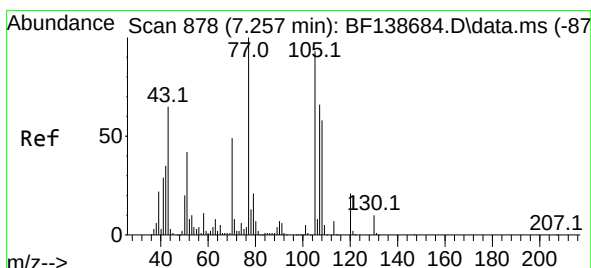
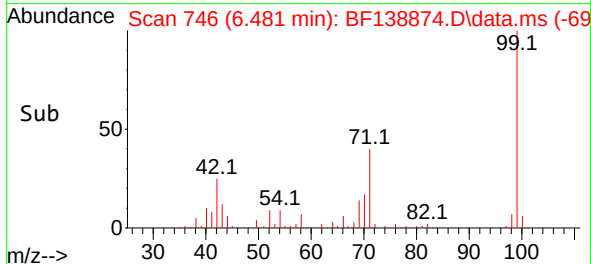
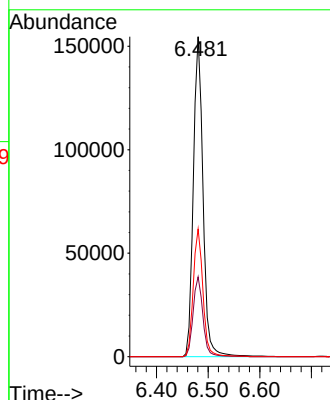
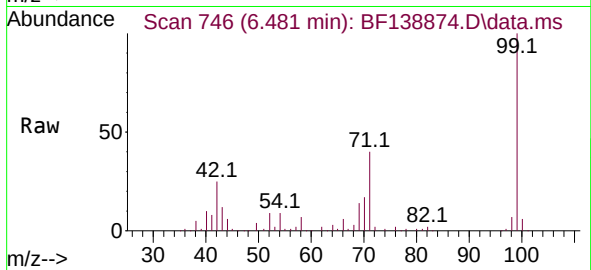




#7
Phenol-d6
Concen: 50.506 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

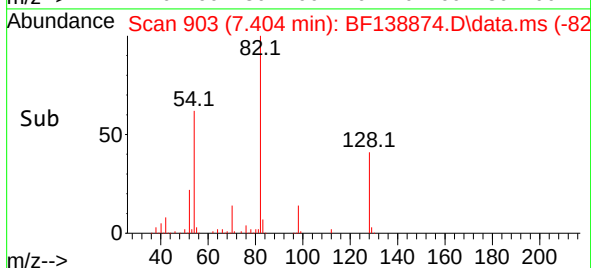
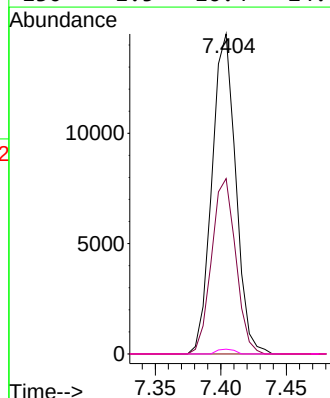
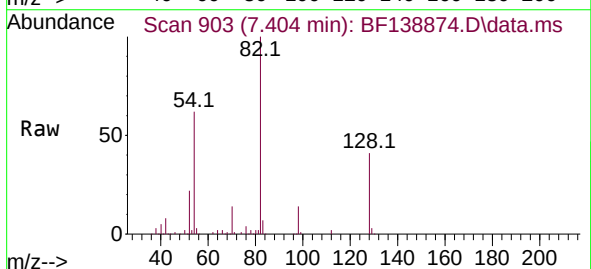
Instrument :
BNA_F
ClientSampleId :
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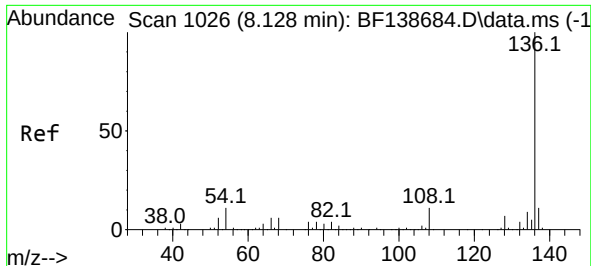
Tgt Ion: 99 Resp: 201723
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 7.585 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Tgt Ion: 70 Resp: 18297
Ion Ratio Lower Upper
70 100
42 54.8 57.4 86.0#
101 0.0 7.5 11.3#
130 1.5 16.4 24.6#

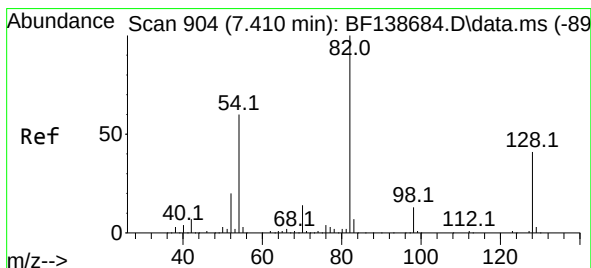
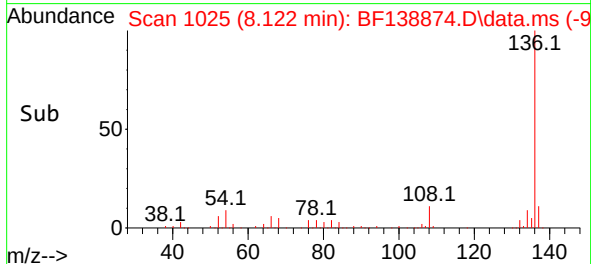
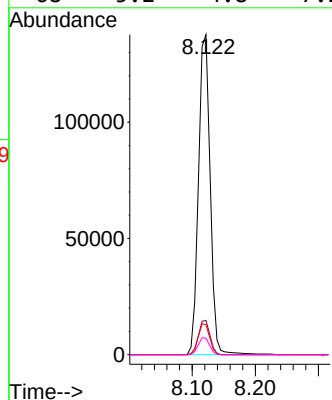
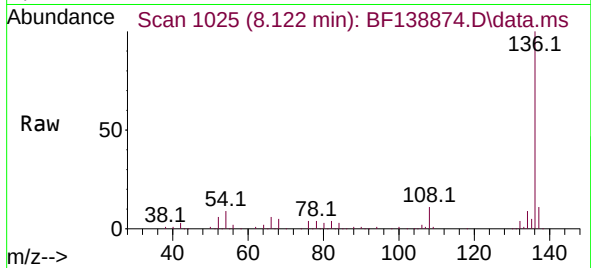




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

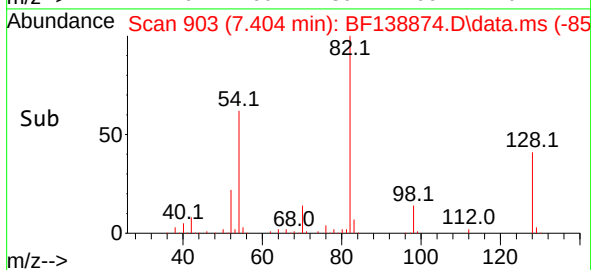
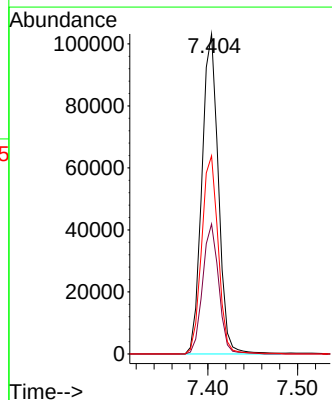
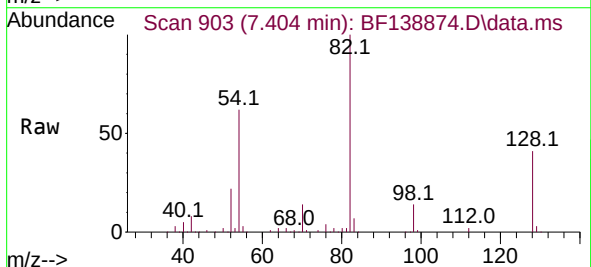
Instrument :
BNA_F
ClientSampleId :
B

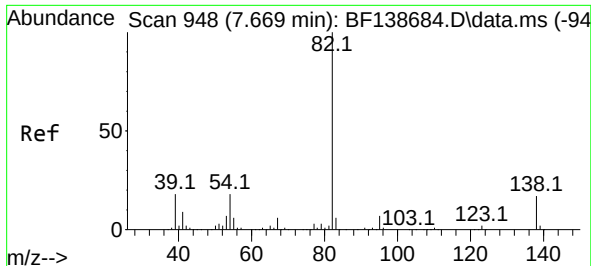
Tgt Ion:136	Resp: 176953
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 9.4	8.6 12.8
68 5.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 36.339 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Tgt Ion: 82	Resp: 131521
Ion Ratio	Lower Upper
82 100	
128 40.6	32.8 49.2
54 61.9	48.3 72.5

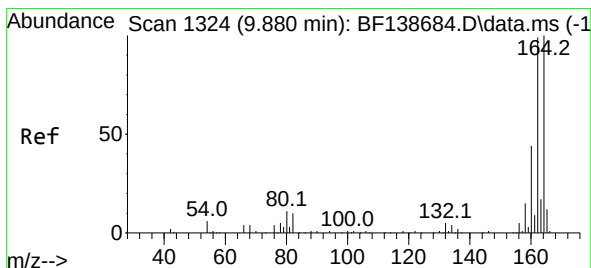
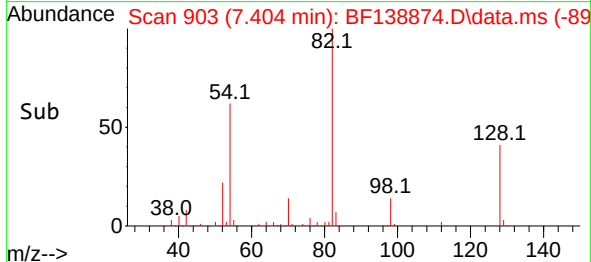
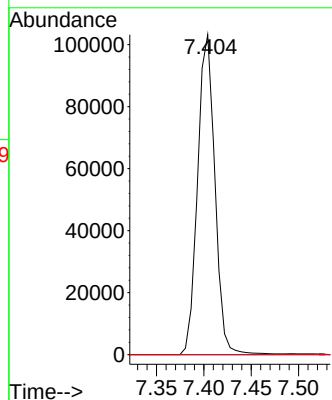
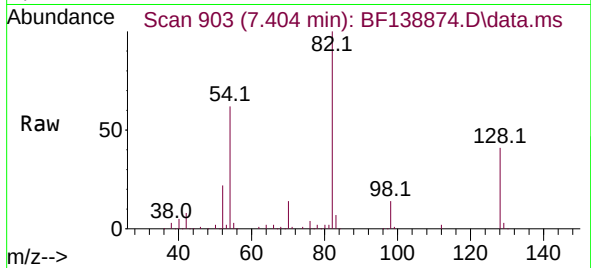




#25
Isophorone
Concen: 21.281 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

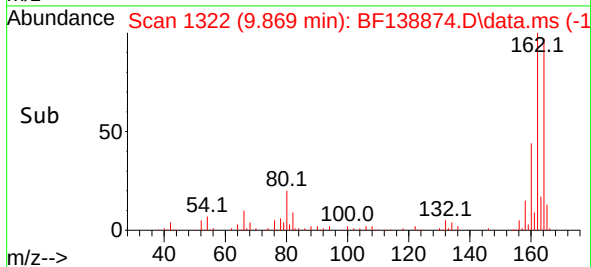
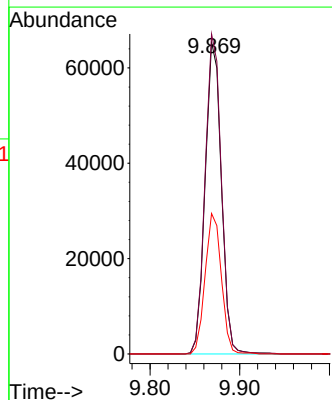
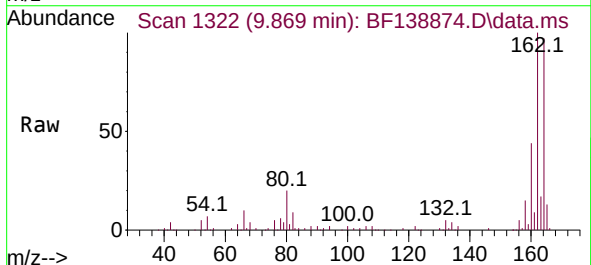
Instrument :
BNA_F
ClientSampleId :
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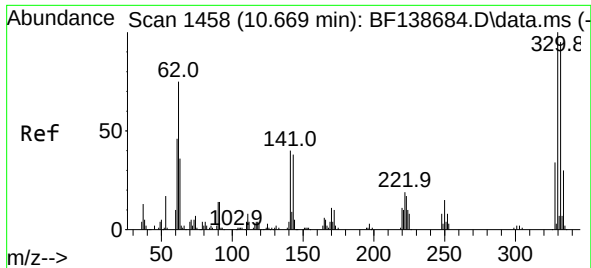
Tgt Ion: 82 Resp: 131520
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

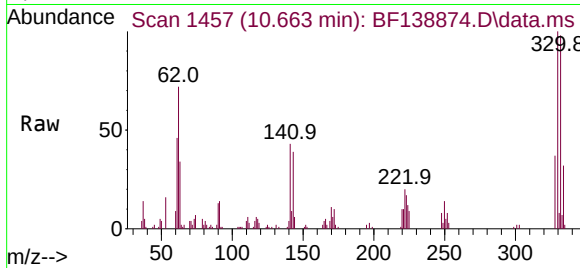
Tgt Ion: 164 Resp: 82049
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.0
160 45.1 35.1 52.7



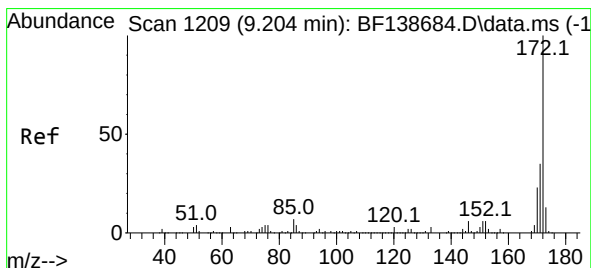
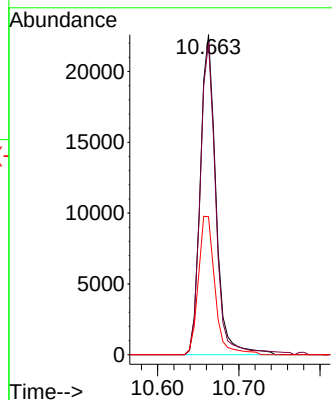
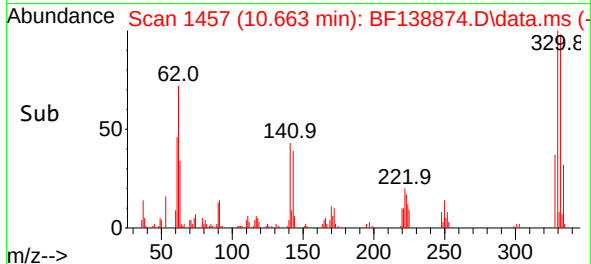


#42
2,4,6-Tribromophenol
Concen: 45.101 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

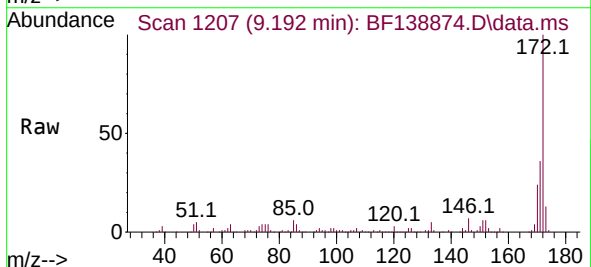
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BNA_F
ClientSampleId :
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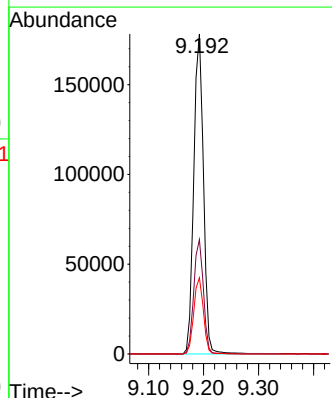
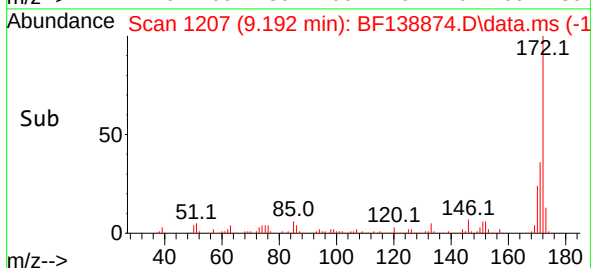
Tgt Ion: 330 Resp: 30312
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 45.9 31.1 46.7

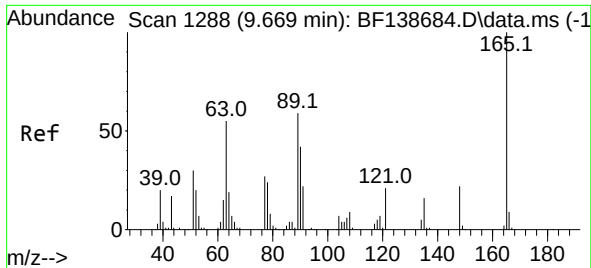


#45
2-Fluorobiphenyl
Concen: 40.084 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33



Tgt Ion: 172 Resp: 218891
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.8 18.8 28.2

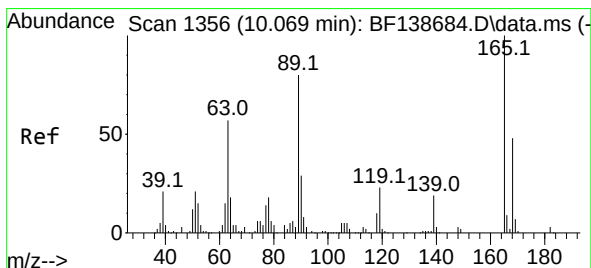
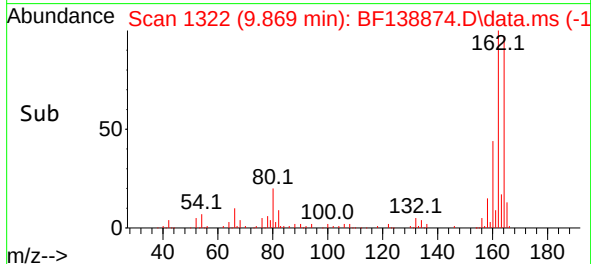
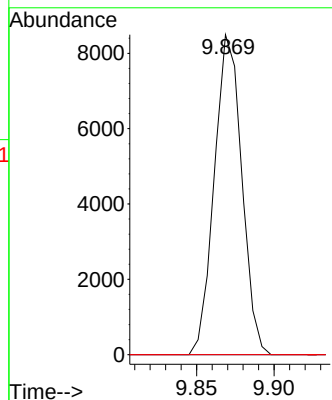
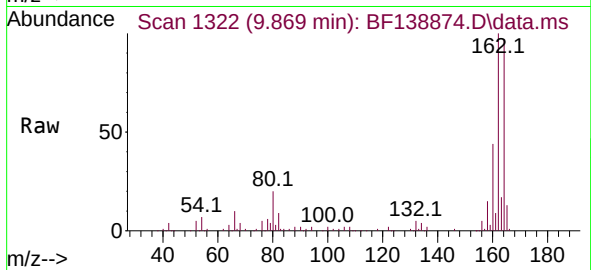




#51
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

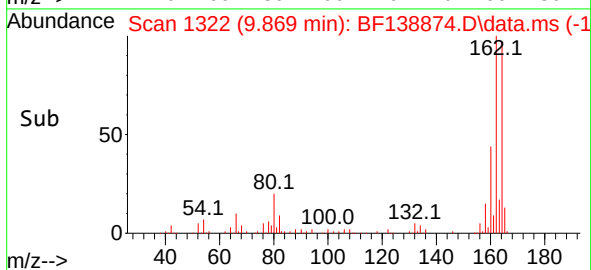
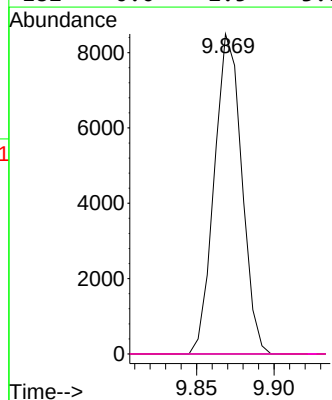
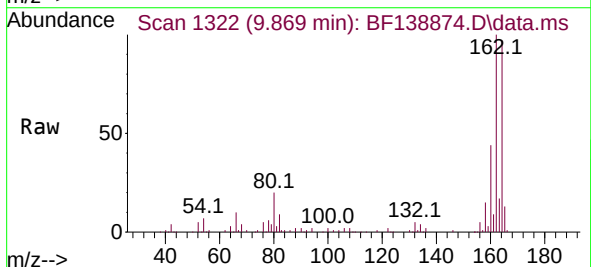
Instrument :
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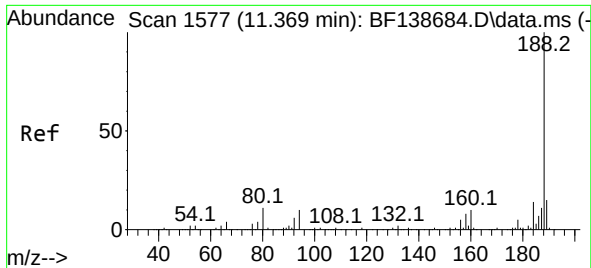
Tgt Ion:165 Resp: 10463
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.926 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Tgt Ion:165 Resp: 10463
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#

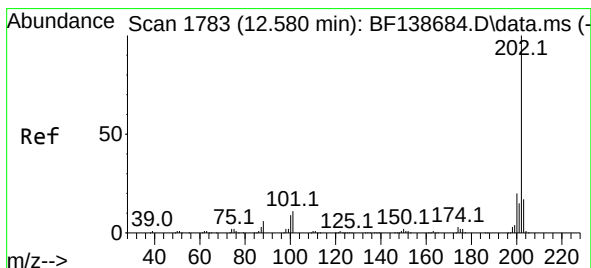
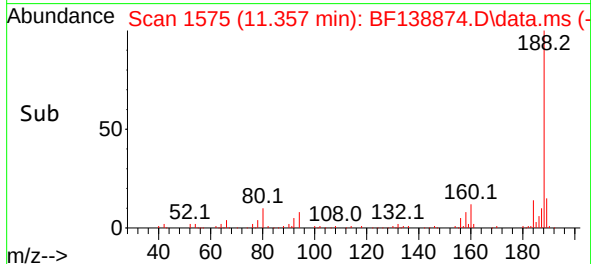
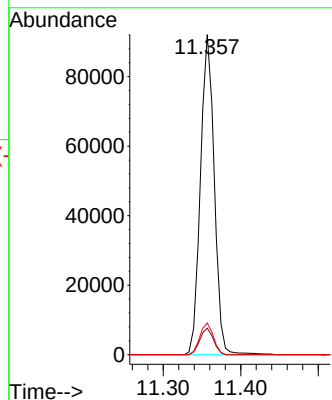
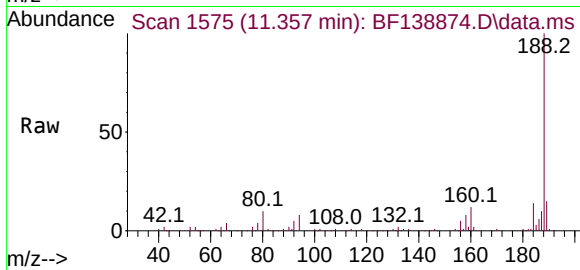




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

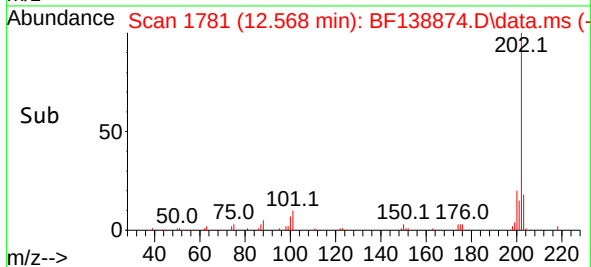
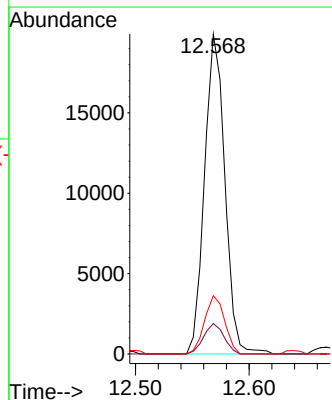
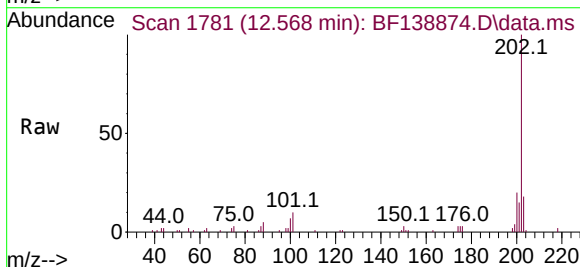
Instrument :
BNA_F
ClientSampleId :
B

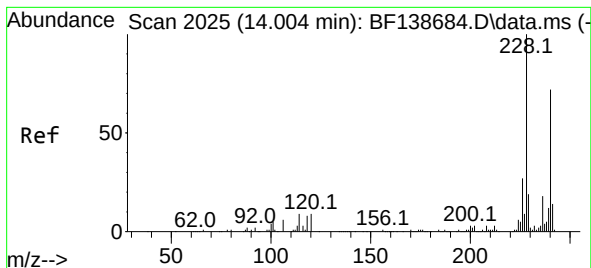
Tgt Ion:188 Resp: 114057
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.9 8.6 12.8



#75
Fluoranthene
Concen: 4.504 ng
RT: 12.568 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Tgt Ion:202 Resp: 24696
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 18.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

B

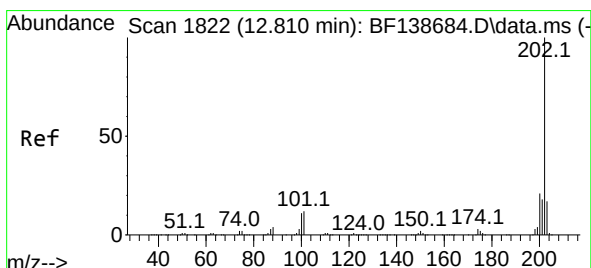
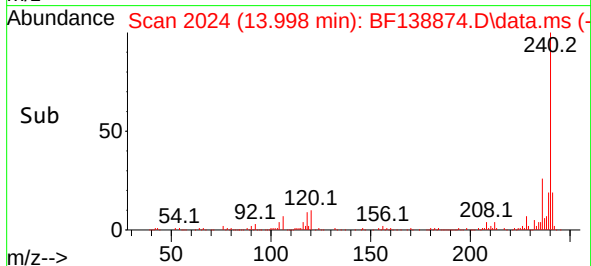
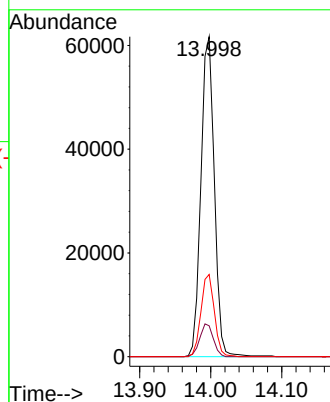
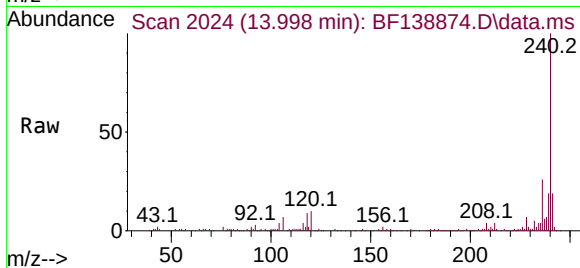
Tgt Ion:240 Resp: 81377

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 25.7 19.8 29.8



#78

Pyrene

Concen: 4.236 ng

RT: 12.798 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

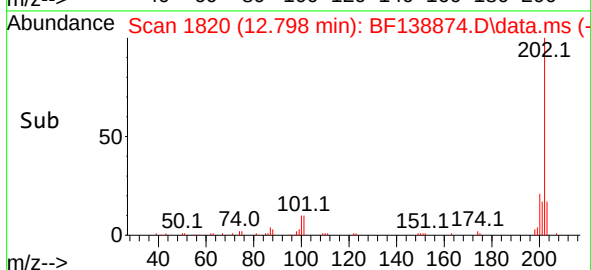
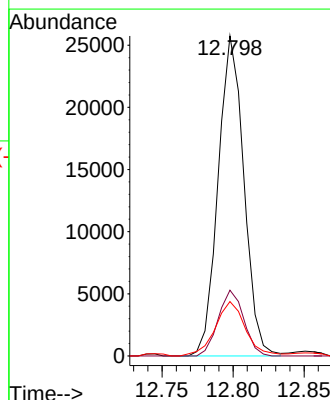
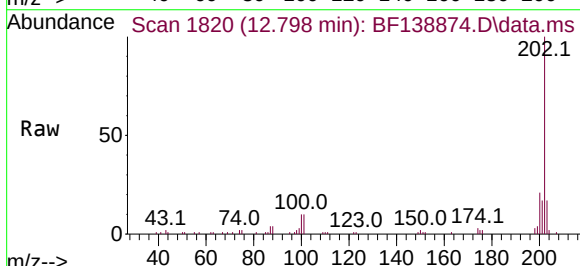
Tgt Ion:202 Resp: 32455

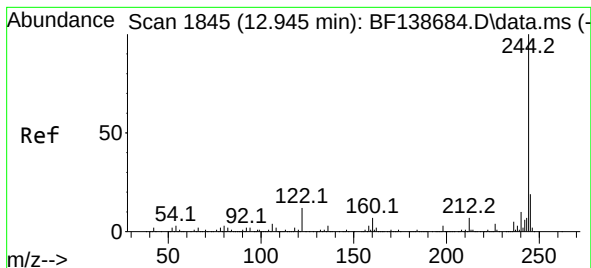
Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 32.123 ng

RT: 12.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

B

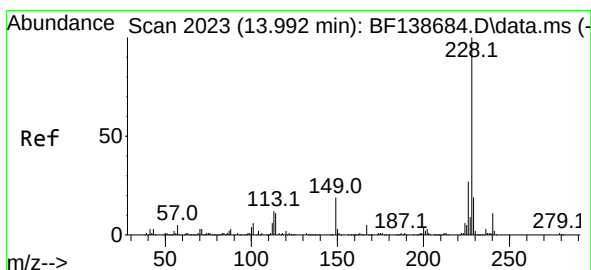
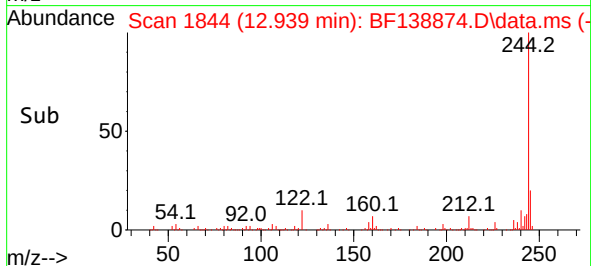
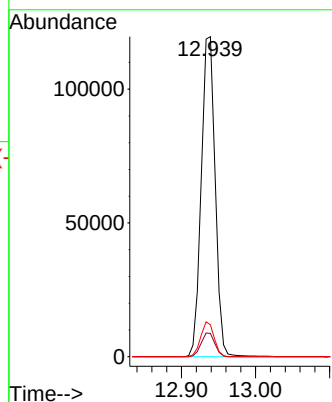
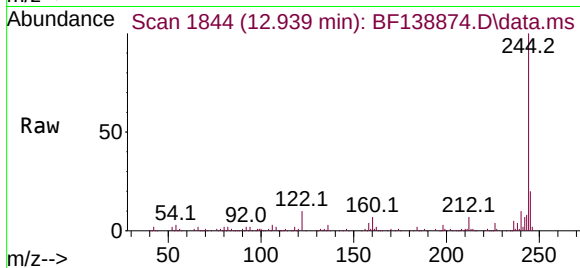
Tgt Ion:244 Resp: 156134

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 10.0 9.6 14.4



#81

Benzo(a)anthracene

Concen: 2.215 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

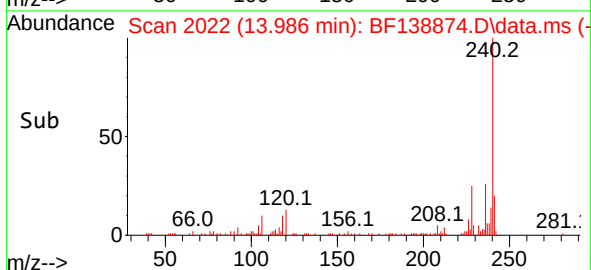
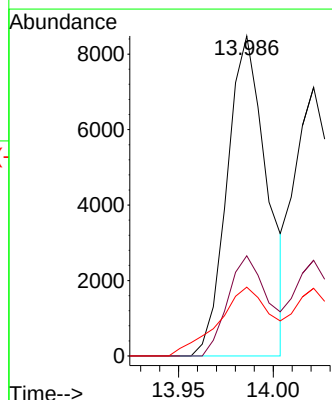
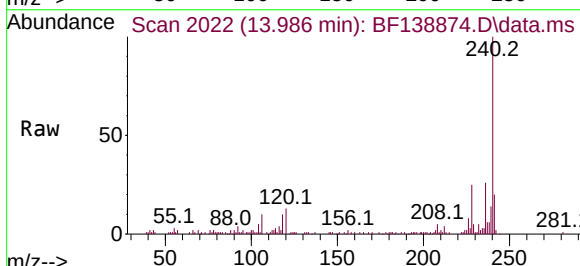
Tgt Ion:228 Resp: 12413

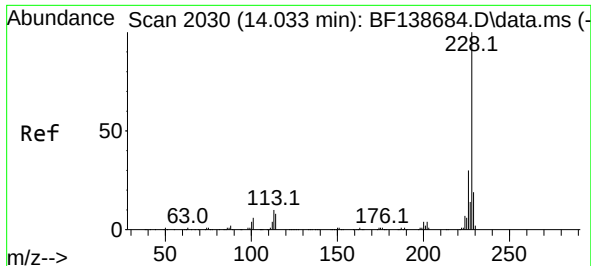
Ion Ratio Lower Upper

228 100

226 31.3 22.1 33.1

229 21.5 15.4 23.0

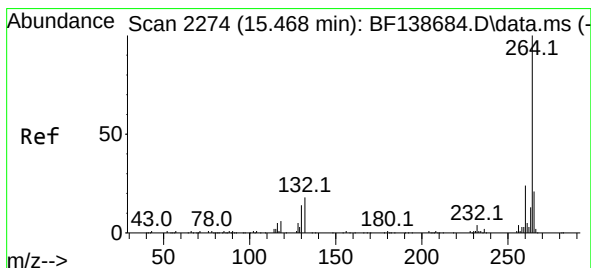
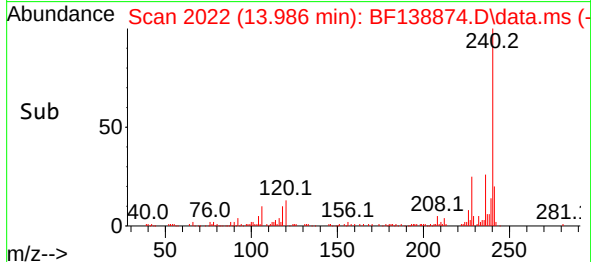
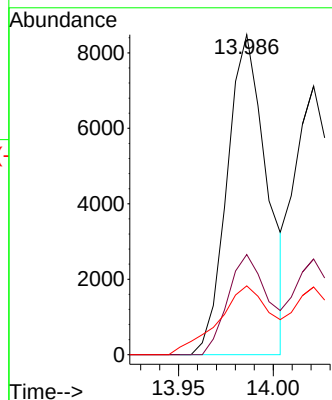
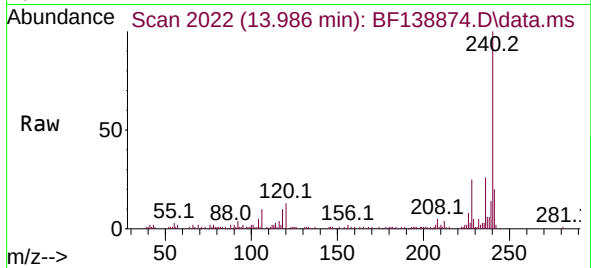




#83
Chrysene
Concen: 2.455 ng
RT: 13.986 min Scan# 2030
Delta R.T. -0.047 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

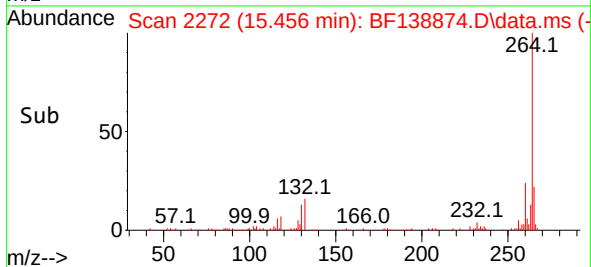
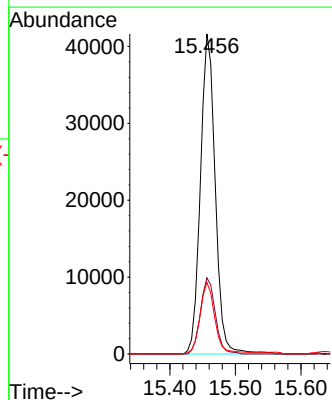
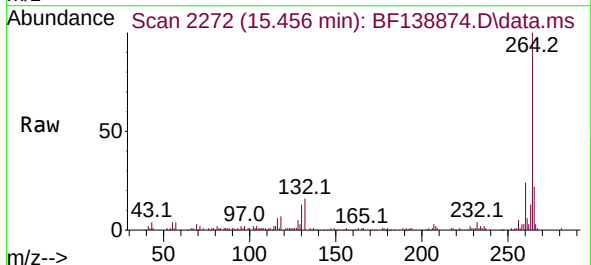
Instrument :
BNA_F
ClientSampleId :
B

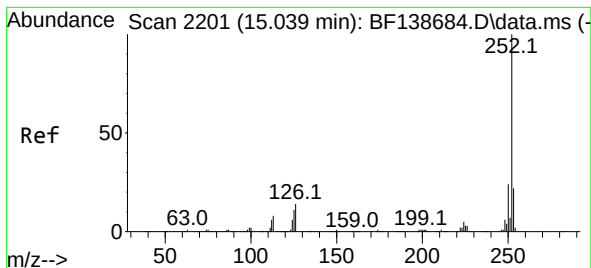
Tgt Ion:228 Resp: 12413
Ion Ratio Lower Upper
228 100
226 31.3 23.7 35.5
229 21.5 15.0 22.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Tgt Ion:264 Resp: 65617
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.3 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.684 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

B

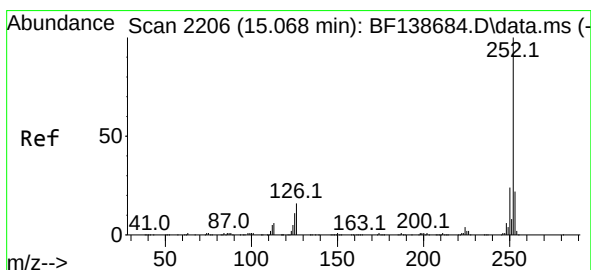
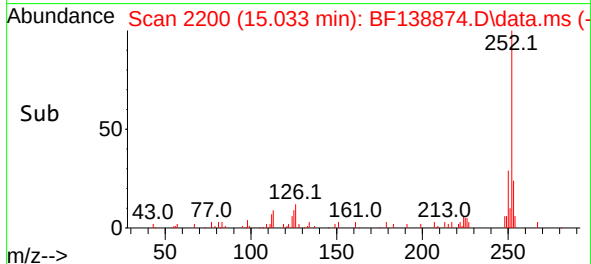
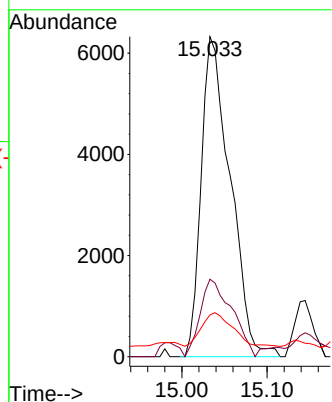
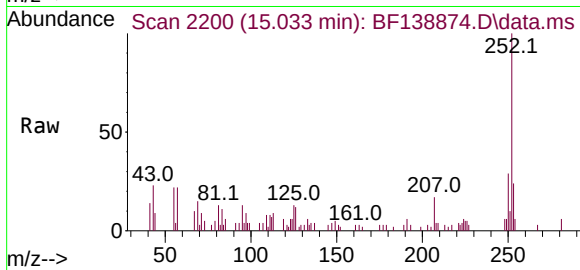
Tgt Ion:252 Resp: 14987

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 13.1 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 4.255 ng

RT: 15.033 min Scan# 2200

Delta R.T. -0.035 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

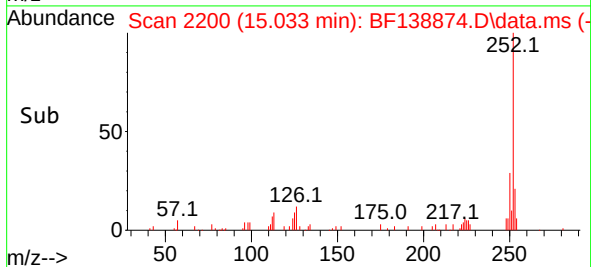
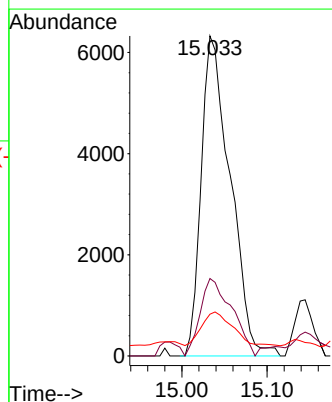
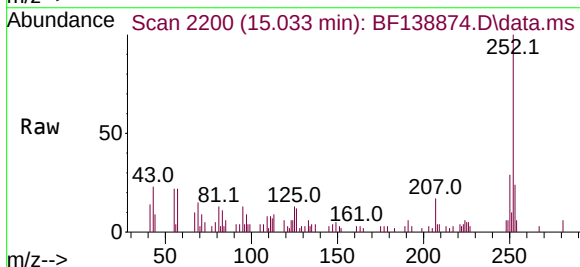
Tgt Ion:252 Resp: 14987

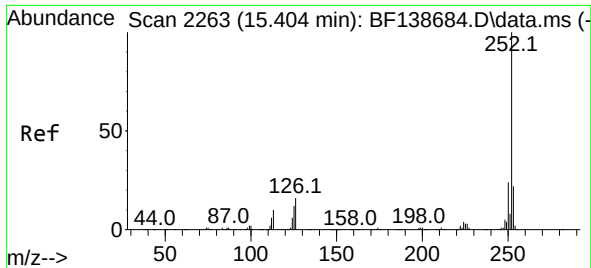
Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

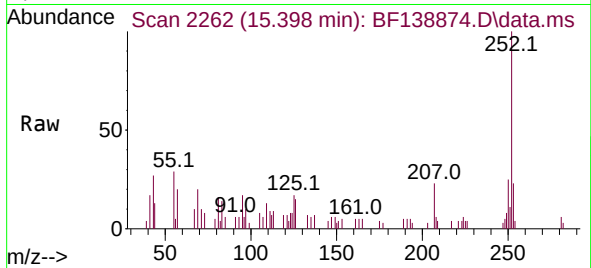
125 13.1 8.6 13.0#





#90
 Benzo(a)pyrene
 Concen: 2.189 ng
 RT: 15.398 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138874.D
 Acq: 08 Aug 2024 19:33

Instrument :
 BNA_F
 ClientSampleId :
 B



Tgt Ion:252	Resp:	7489
Ion	Ratio	Lower Upper
252	100	
253	22.9	17.3 25.9
125	16.8	9.5 14.3

