

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142215.D
 Acq On : 22 Apr 2025 16:50
 Operator : RC/JU
 Sample : Q1833-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 17:31:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

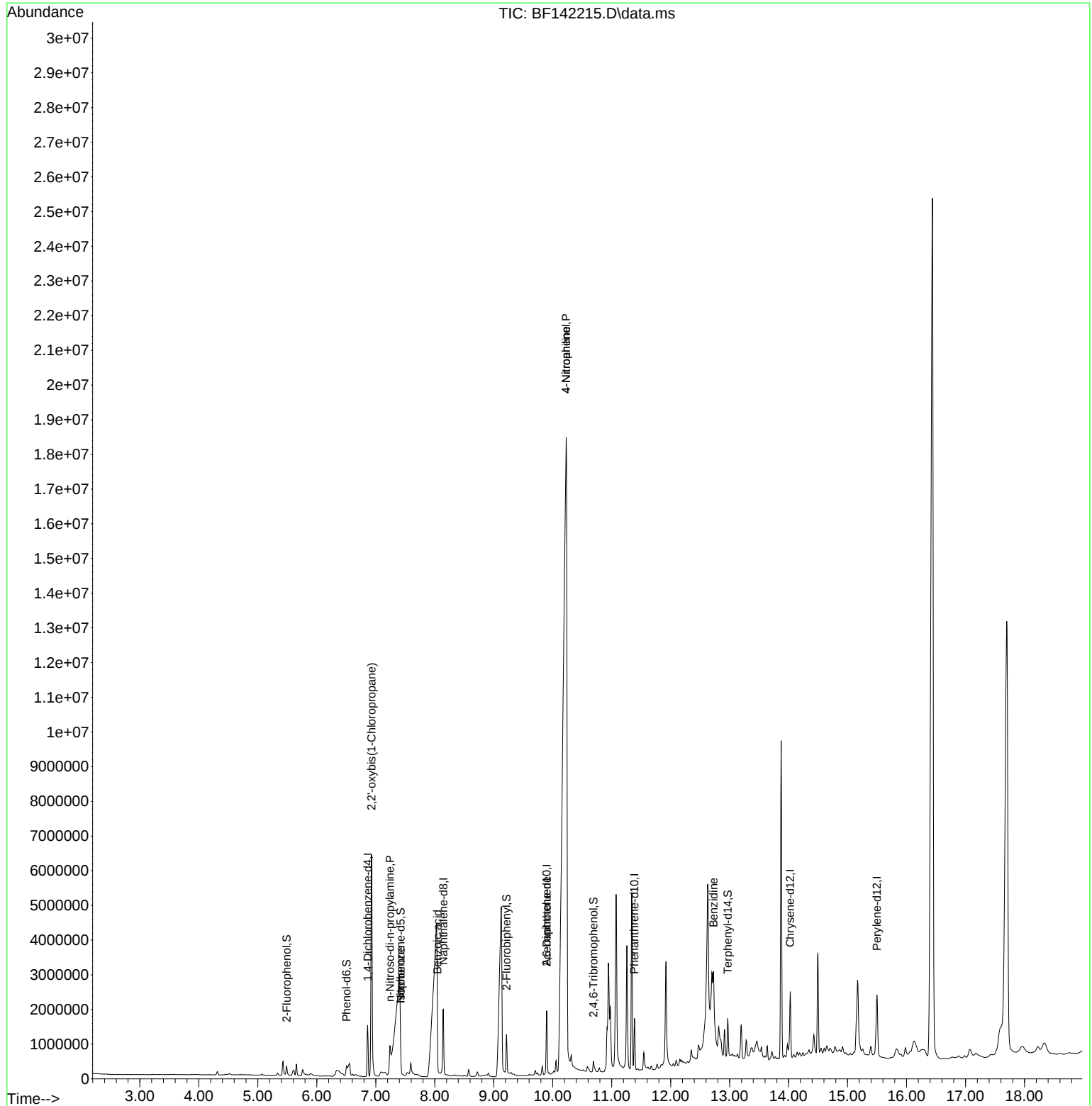
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	331819	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1202456	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	548862	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	773988	20.000	ng	0.00
76) Chrysene-d12	14.027	240	952200	20.000	ng	0.00
86) Perylene-d12	15.498	264	1069333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	126071	7.123	ng	0.01
7) Phenol-d6	6.504	99	121038	5.461	ng	0.01
23) Nitrobenzene-d5	7.422	82	220270	11.504	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	64241	8.560	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	477877	14.191	ng	0.00
79) Terphenyl-d14	12.968	244	505324	8.891	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	6.928	45	48594	2.844	ng	92
19) n-Nitroso-di-n-propyla...	7.239	70	103235	8.237	ng	# 62
25) Isophorone	7.422	82	217800	6.777	ng	# 61
32) Benzoic acid	8.045	122	13751	7.858	ng	93
51) 2,6-Dinitrotoluene	9.898	165	73175	9.262	ng	# 32
56) 4-Nitrophenol	10.227	139	99421	17.953	ng	# 65
62) 4-Nitroaniline	10.227	138	349301	48.543	ng	# 24
77) Benzidine	12.727	184	704309	57.318	ng	99

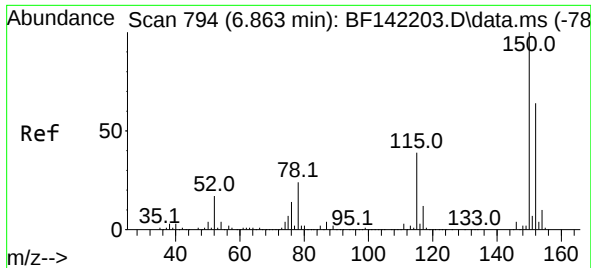
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
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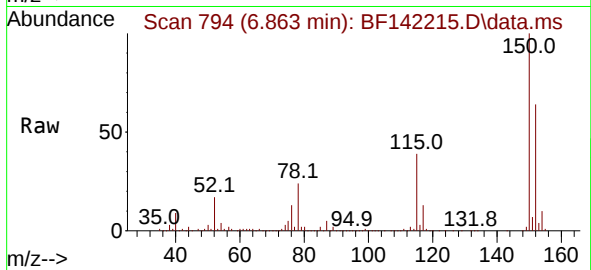
Quant Time: Apr 22 17:31:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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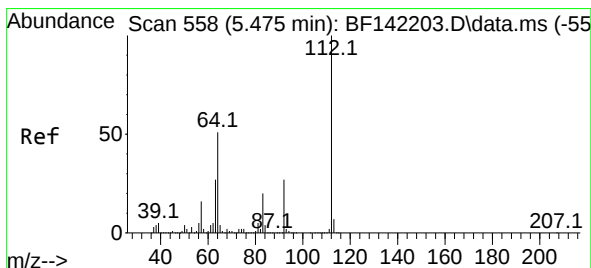
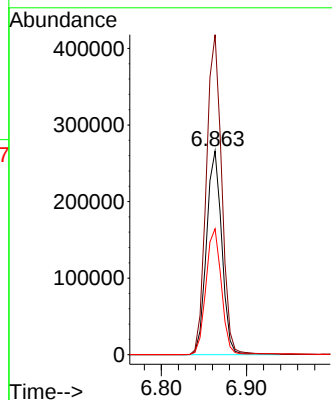
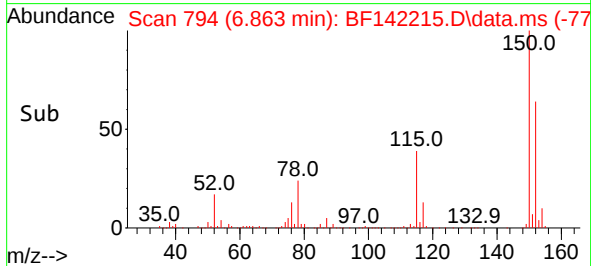


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

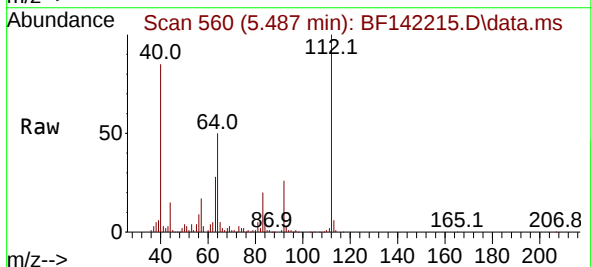
Instrument :
BNA_F
ClientSampleId :



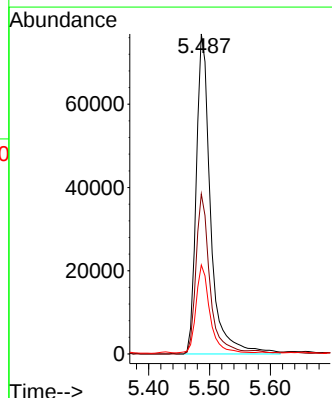
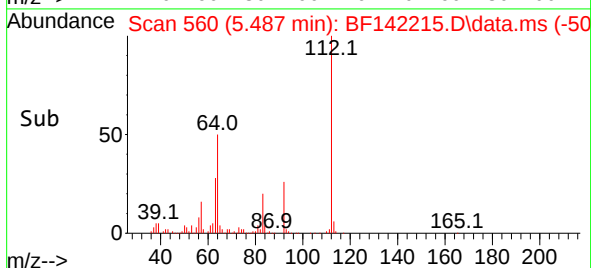
Tgt Ion:152 Resp: 331819
Ion Ratio Lower Upper
152 100
150 157.1 126.4 189.6
115 61.8 49.4 74.2

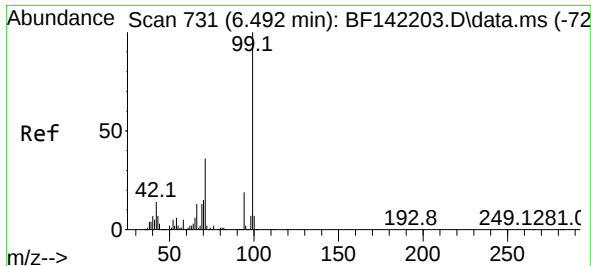


#5
2-Fluorophenol
Concen: 7.123 ng
RT: 5.487 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50



Tgt Ion:112 Resp: 126071
Ion Ratio Lower Upper
112 100
64 50.0 40.9 61.3
63 27.8 22.0 33.0





#7

Phenol-d6

Concen: 5.461 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :

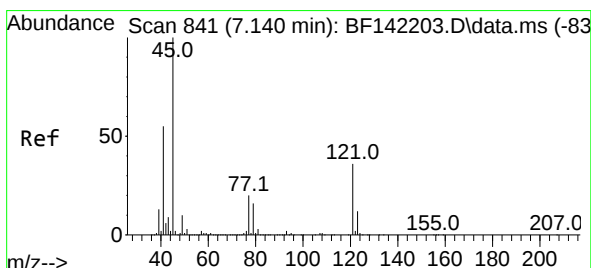
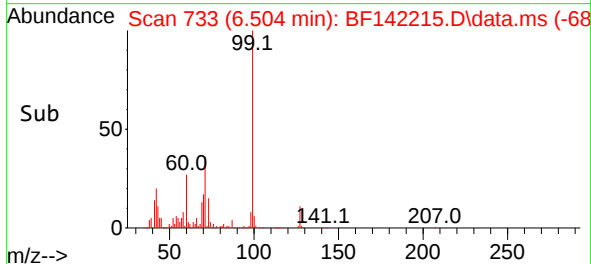
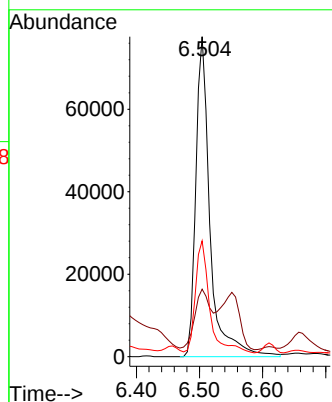
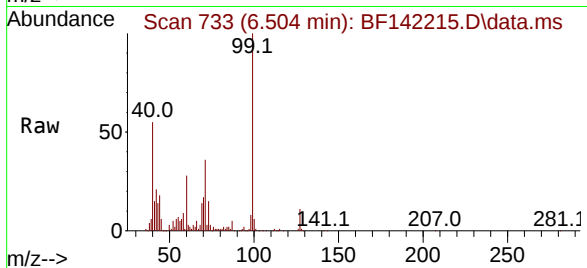
Tgt Ion: 99 Resp: 121038

Ion Ratio Lower Upper

99 100

42 21.1 11.5 17.3#

71 36.2 28.6 42.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.844 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.212 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

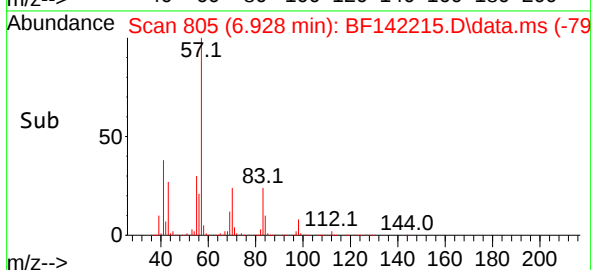
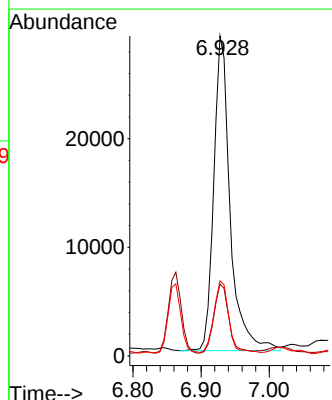
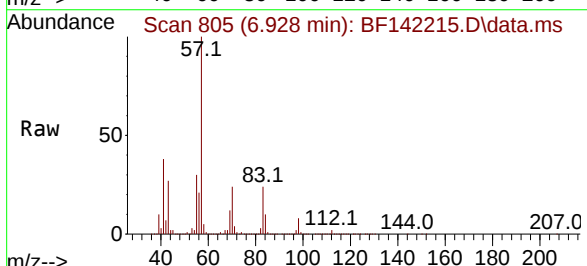
Tgt Ion: 45 Resp: 48594

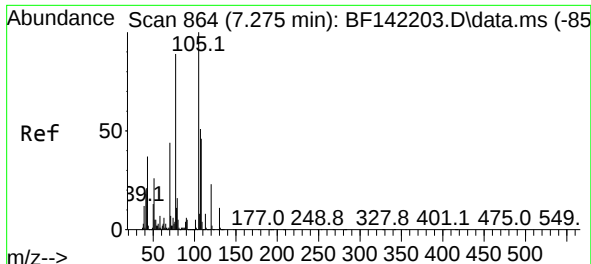
Ion Ratio Lower Upper

45 100

77 22.5 1.4 41.4

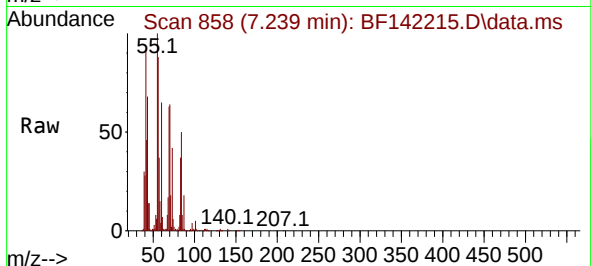
79 23.4 0.0 36.7





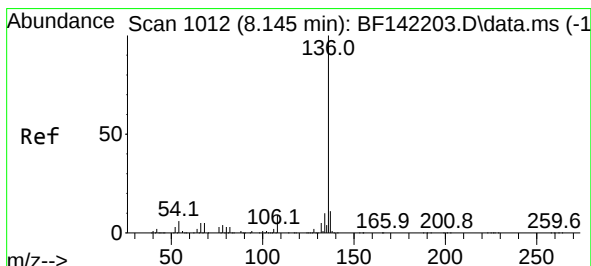
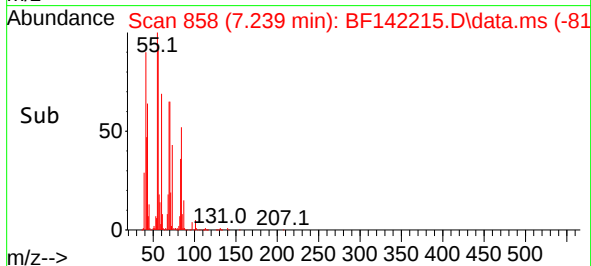
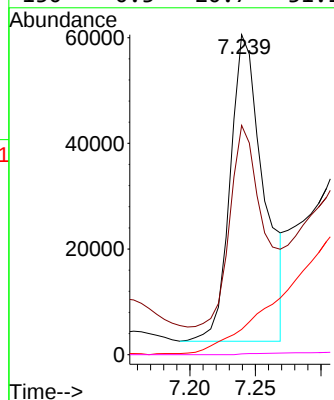
#19
n-Nitroso-di-n-propylamine
Concen: 8.237 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.035 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 103235

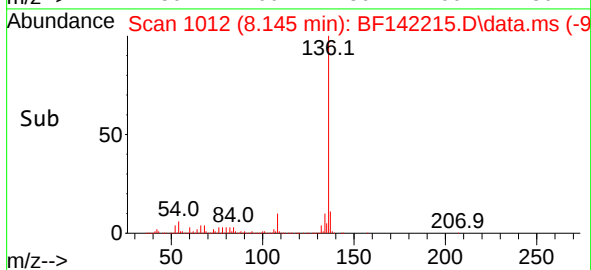
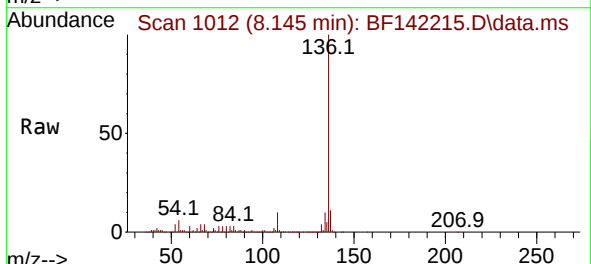
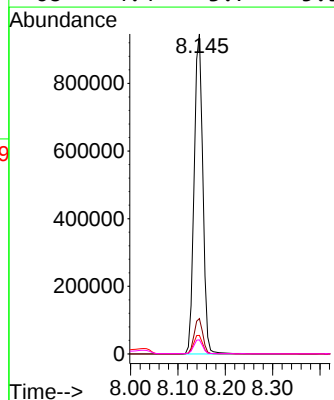
Ion	Ratio	Lower	Upper
70	100		
42	71.6	37.4	56.0#
101	7.9	8.6	13.0#
130	0.3	20.7	31.1#

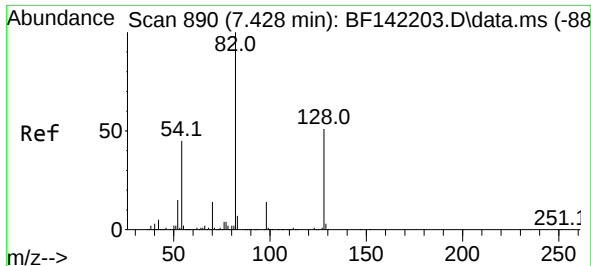


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

Tgt Ion: 136 Resp: 1202456

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.8	4.7	7.1
68	4.4	3.7	5.5





#23

Nitrobenzene-d5

Concen: 11.504 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.006 min

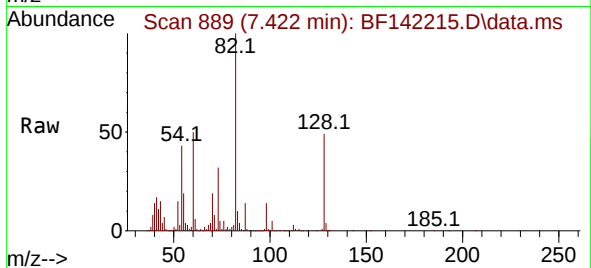
Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :



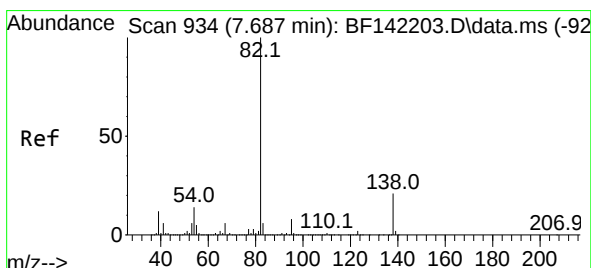
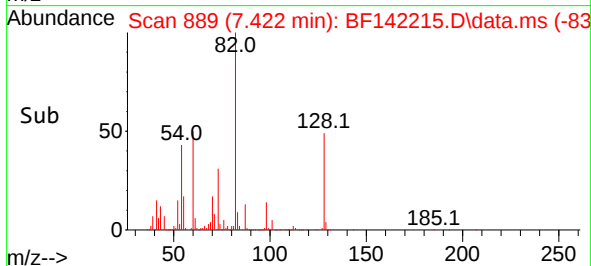
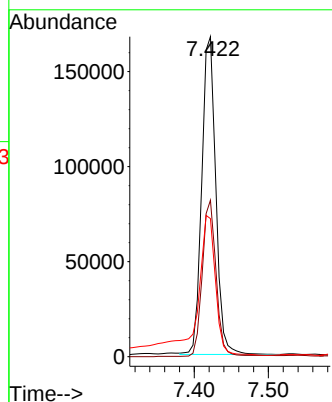
Tgt Ion: 82 Resp: 220270

Ion Ratio Lower Upper

82 100

128 48.9 40.2 60.2

54 43.2 35.5 53.3



#25

Isophorone

Concen: 6.777 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.265 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

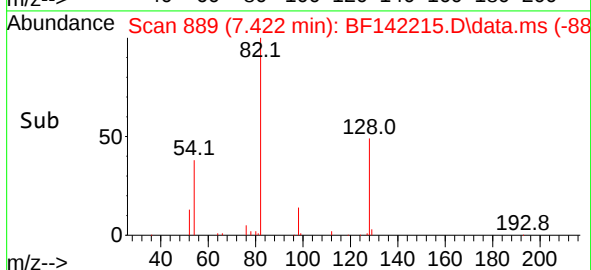
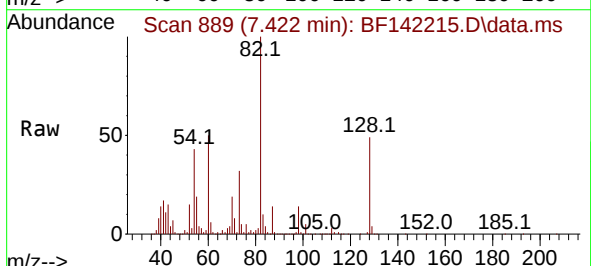
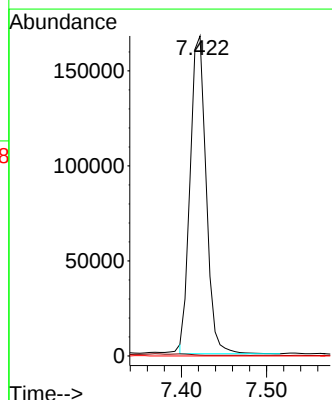
Tgt Ion: 82 Resp: 217800

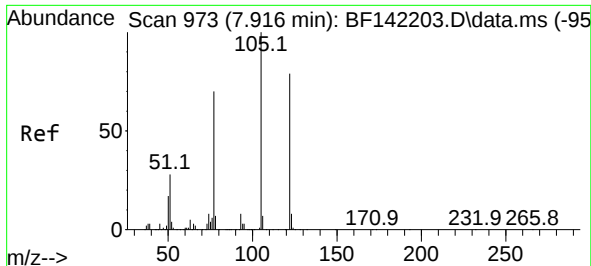
Ion Ratio Lower Upper

82 100

95 0.3 6.5 9.7#

138 0.0 16.9 25.3#

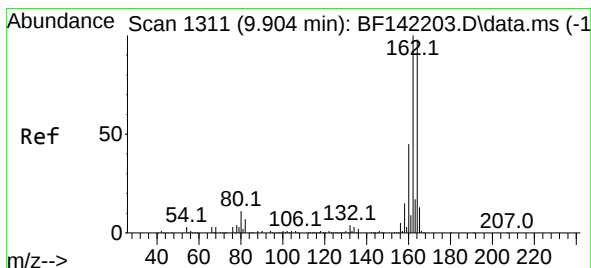
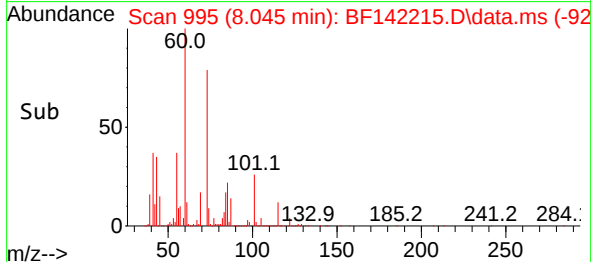
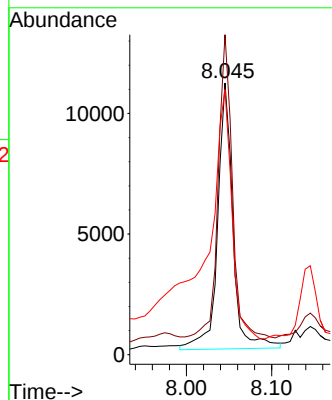
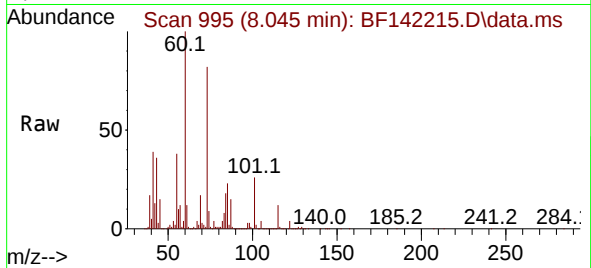




#32
Benzoic acid
Concen: 7.858 ng
RT: 8.045 min Scan# 91
Delta R.T. 0.129 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

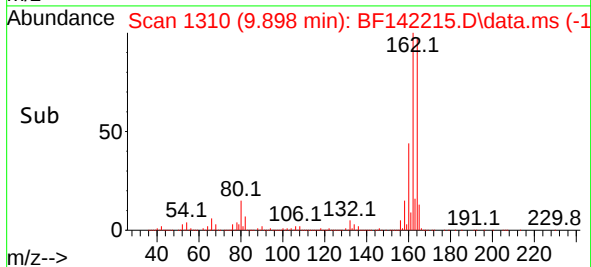
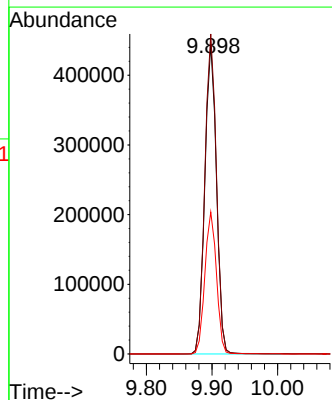
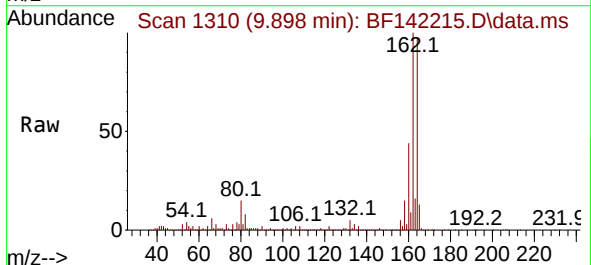
Instrument :
BNA_F
ClientSampleId :

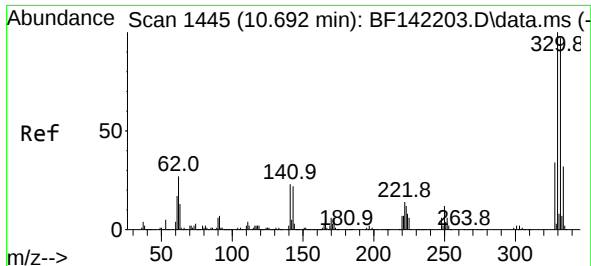
Tgt Ion:122 Resp: 13751
Ion Ratio Lower Upper
122 100
105 117.8 101.5 141.5
77 97.6 66.6 106.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

Tgt Ion:164 Resp: 548862
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 45.8 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 8.560 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.000 min

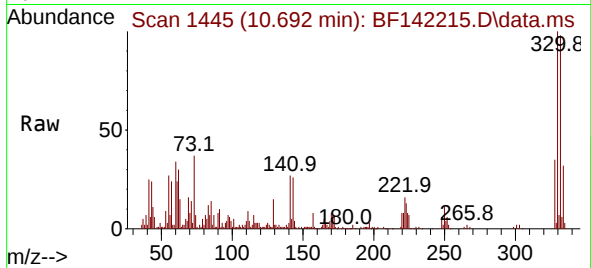
Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :



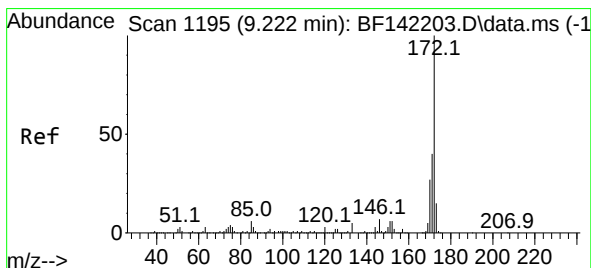
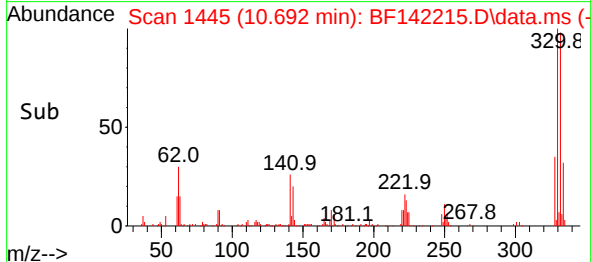
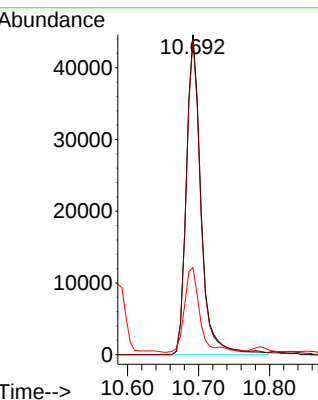
Tgt Ion:330 Resp: 64241

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 27.9 18.9 28.3



#45

2-Fluorobiphenyl

Concen: 14.191 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

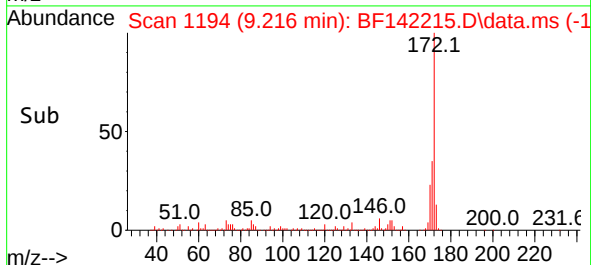
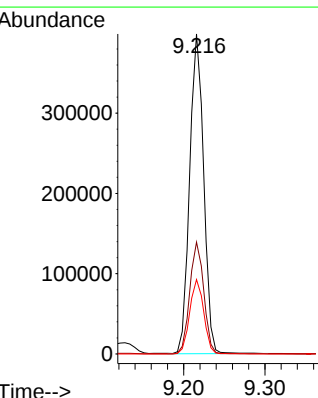
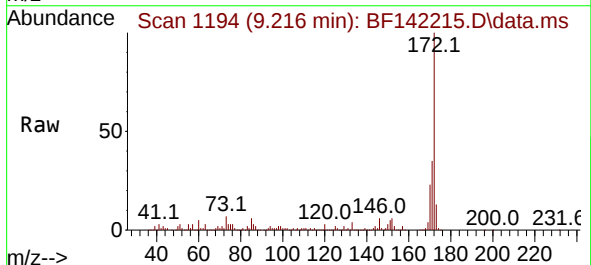
Tgt Ion:172 Resp: 477877

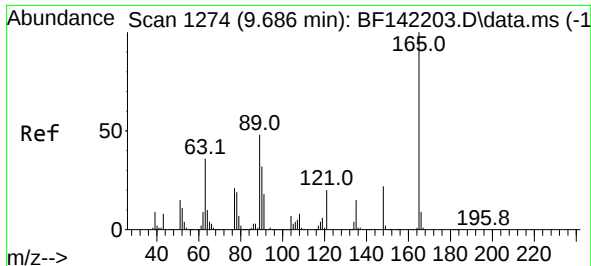
Ion Ratio Lower Upper

172 100

171 34.9 32.1 48.1

170 23.2 21.4 32.0





#51

2,6-Dinitrotoluene

Concen: 9.262 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :

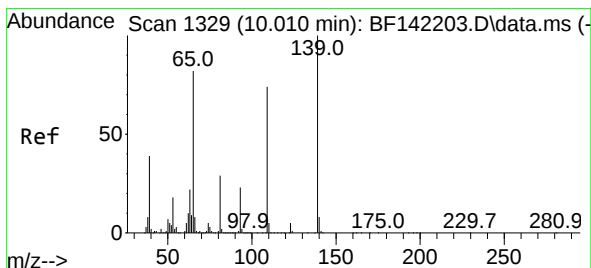
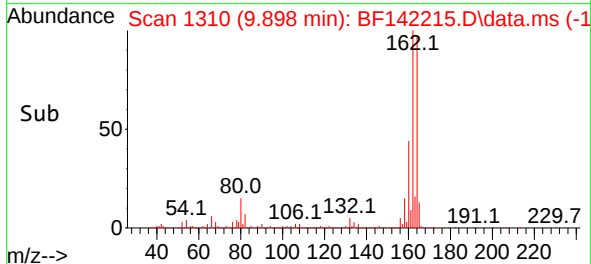
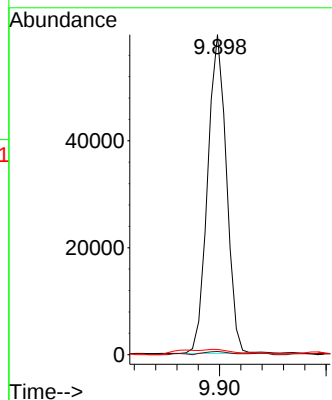
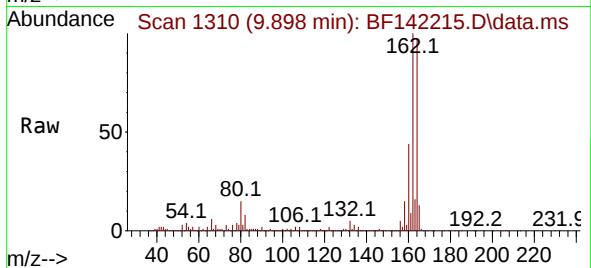
Tgt Ion:165 Resp: 73175

Ion Ratio Lower Upper

165 100

63 1.0 35.4 53.2#

89 1.7 38.6 58.0#



#56

4-Nitrophenol

Concen: 17.953 ng

RT: 10.227 min Scan# 1366

Delta R.T. 0.217 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

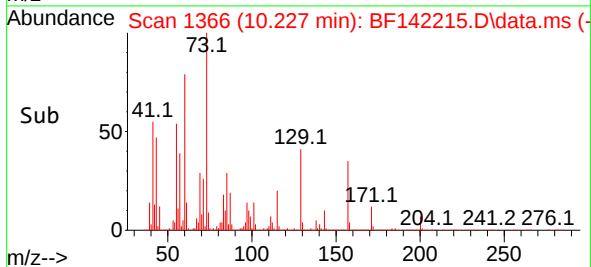
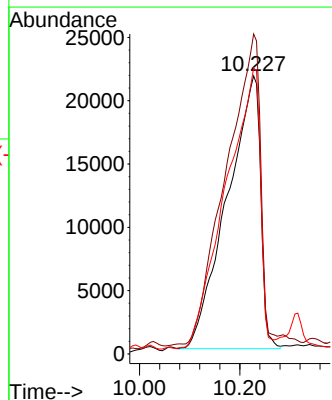
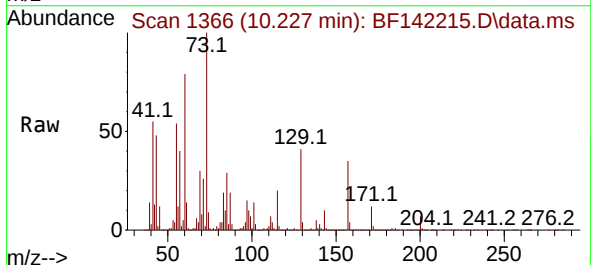
Tgt Ion:139 Resp: 99421

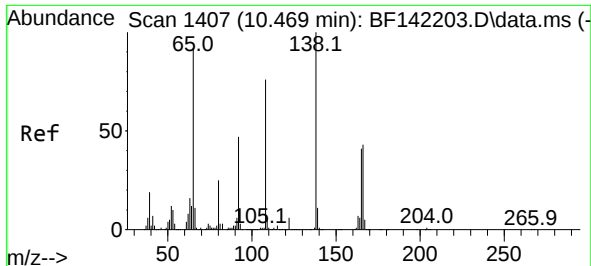
Ion Ratio Lower Upper

139 100

109 115.0 54.1 94.1#

65 102.8 62.1 102.1#

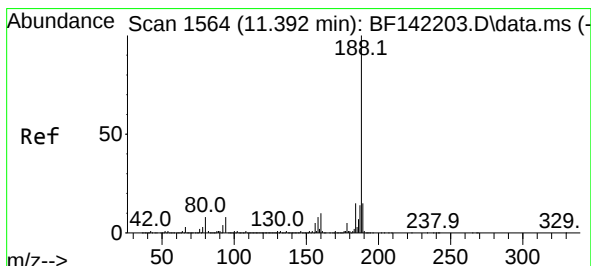
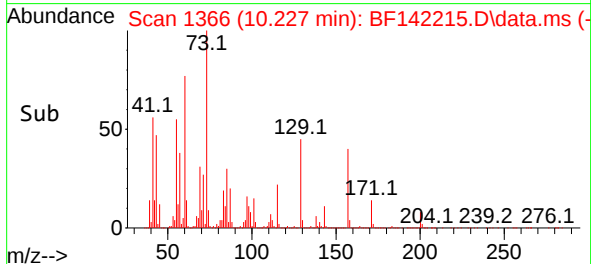
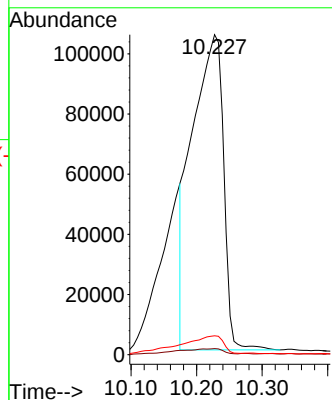
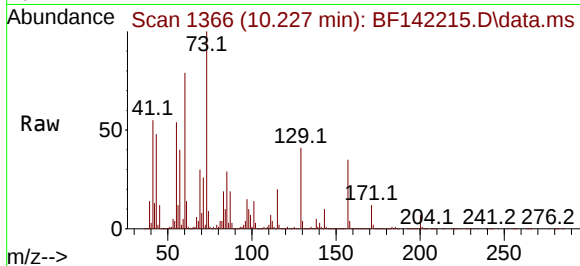




#62
4-Nitroaniline
Concen: 48.543 ng
RT: 10.227 min Scan# 1366
Delta R.T. -0.241 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

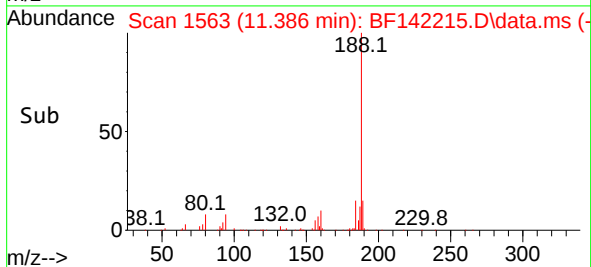
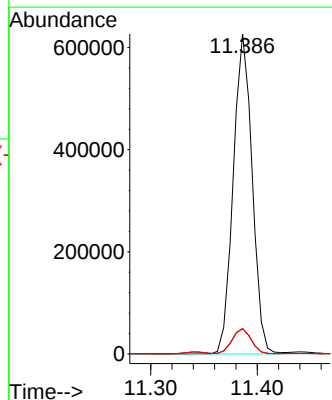
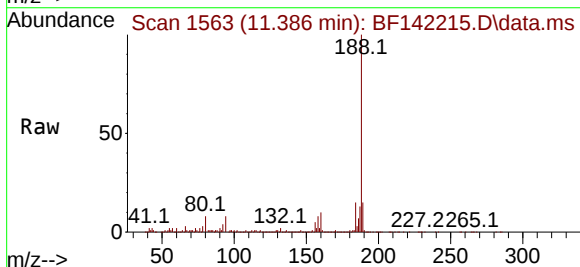
Instrument :
BNA_F
ClientSampleId :

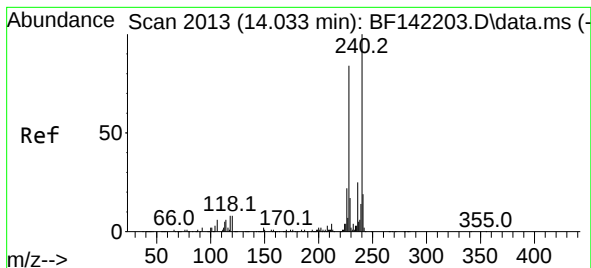
Tgt Ion:138 Resp: 349301
Ion Ratio Lower Upper
138 100
92 1.9 26.7 66.7#
108 5.9 56.5 96.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

Tgt Ion:188 Resp: 773988
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.0 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :

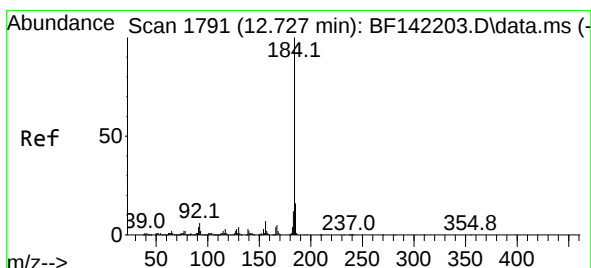
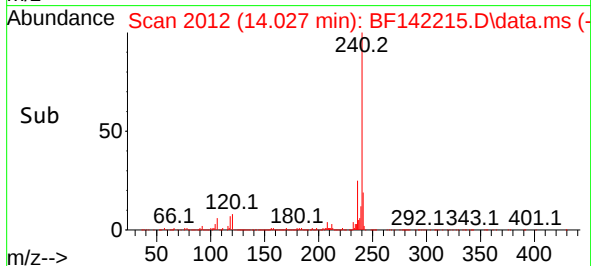
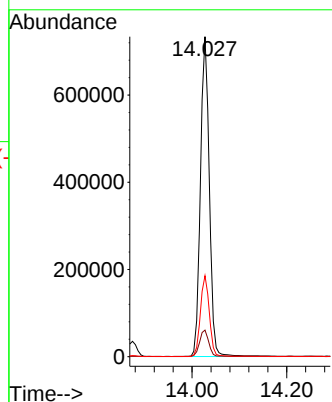
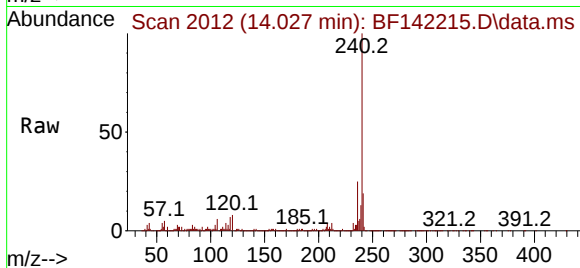
Tgt Ion:240 Resp: 952200

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 25.3 20.2 30.2



#77

Benzidine

Concen: 57.318 ng

RT: 12.727 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

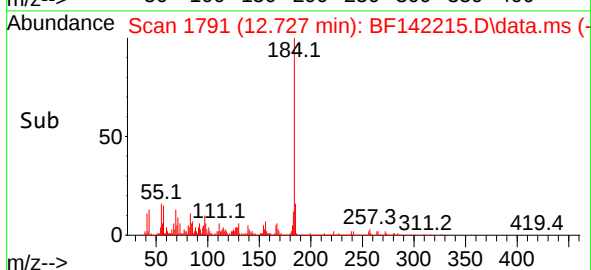
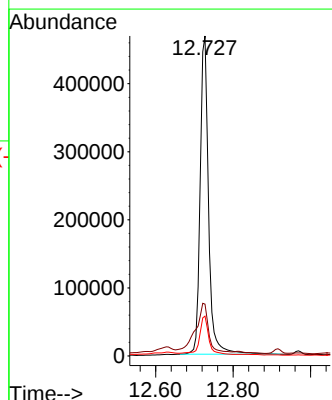
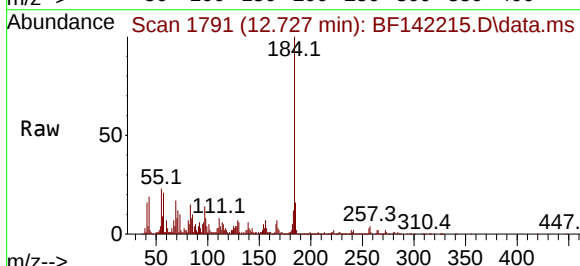
Tgt Ion:184 Resp: 704309

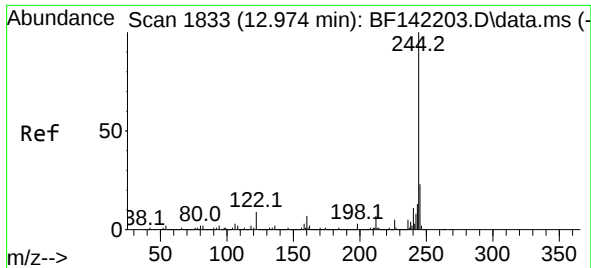
Ion Ratio Lower Upper

184 100

185 16.2 13.0 19.6

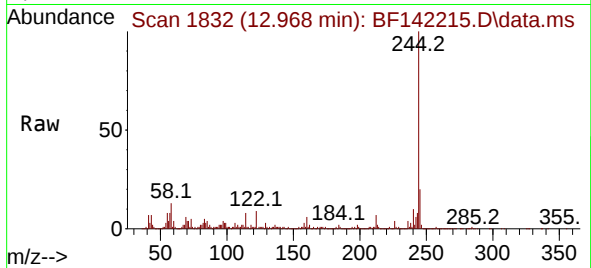
183 12.5 9.6 14.4





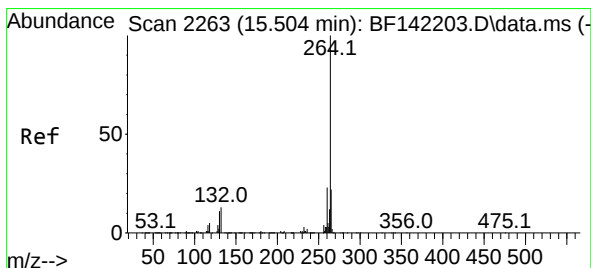
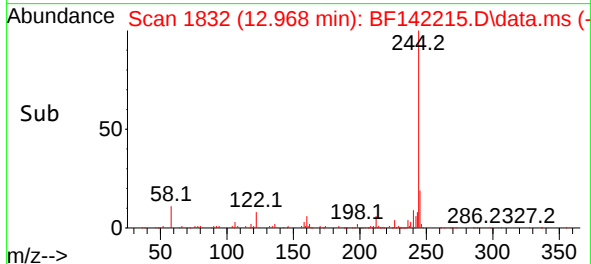
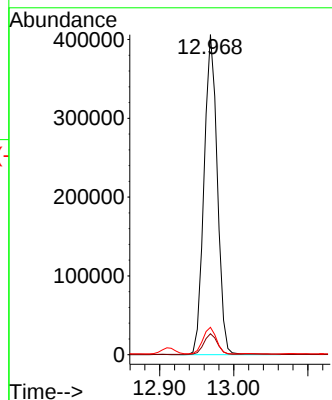
#79
 Terphenyl-d14
 Concen: 8.891 ng
 RT: 12.968 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF142215.D
 Acq: 22 Apr 2025 16:50

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 505324

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	8.5	7.3	10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF142215.D
 Acq: 22 Apr 2025 16:50

Tgt Ion:264 Resp: 1069333

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.1	16.9	25.3

