

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142208.D
 Acq On : 21 Apr 2025 19:09
 Operator : RC/JU
 Sample : PB167645BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:47:13 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)

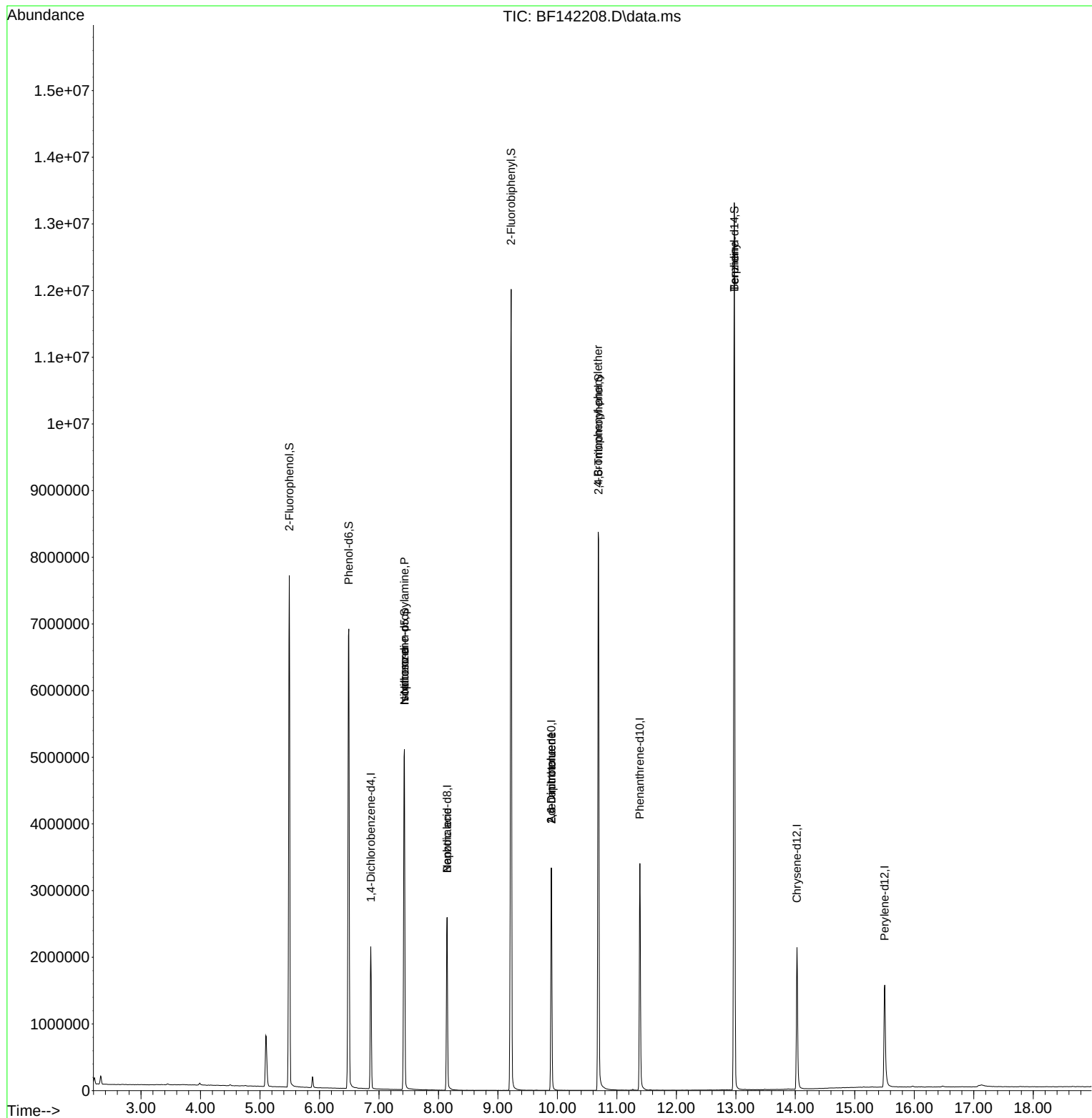
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	474814	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1852802	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1074264	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1960134	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1232084	20.000	ng	0.00
86) Perylene-d12	15.504	264	1165151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3286243	129.760	ng	0.02
7) Phenol-d6	6.493	99	3865771	121.885	ng	0.00
23) Nitrobenzene-d5	7.428	82	2636556	89.369	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1924449	131.022	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5578814	84.645	ng	0.00
79) Terphenyl-d14	12.974	244	6468874	87.959	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	361295	20.145	ng	# 74
25) Isophorone	7.428	82	2605531	52.614	ng	# 61
32) Benzoic acid	8.145	122	677	6.906	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	141597	9.157	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	141903	7.105	ng	# 30
67) 4-Bromophenyl-phenylether	10.686	248	115623	4.485	ng	# 1
77) Benzidine	12.974	184	95295	5.994	ng	# 94

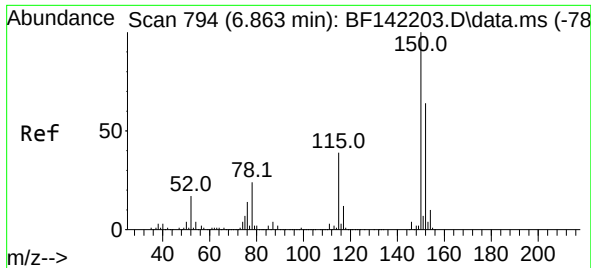
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142208.D
Acq On : 21 Apr 2025 19:09
Operator : RC/JU
Sample : PB167645BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

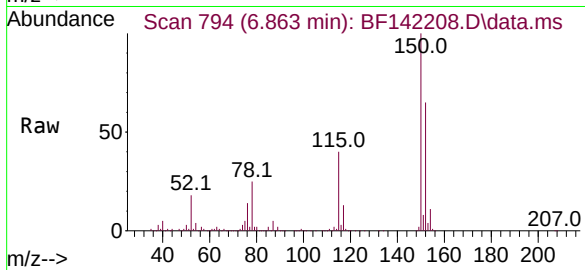
Quant Time: Apr 22 02:47:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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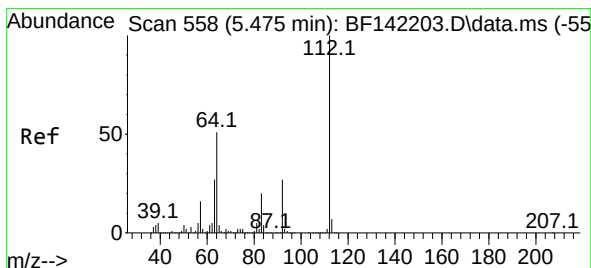
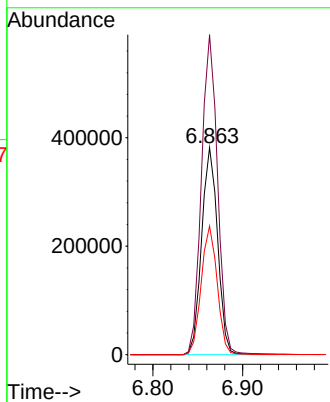
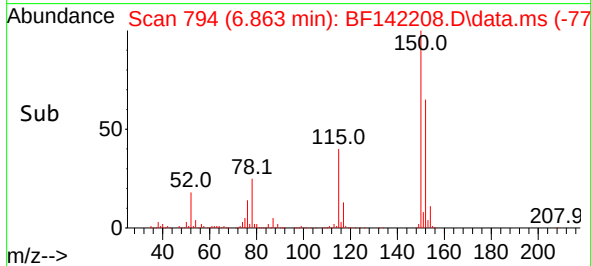


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :

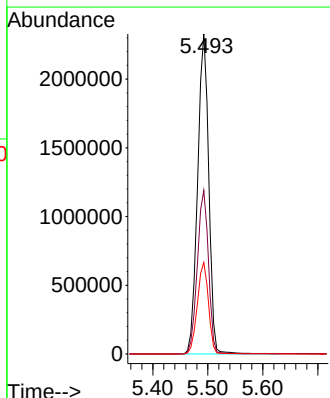
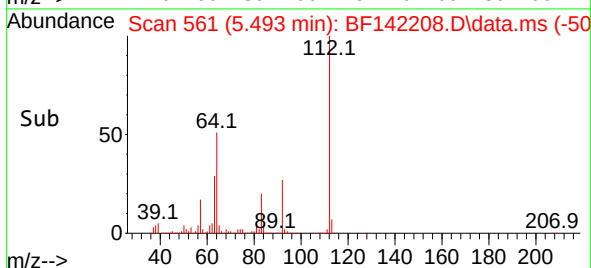
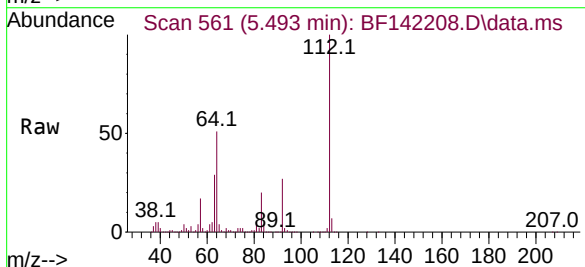


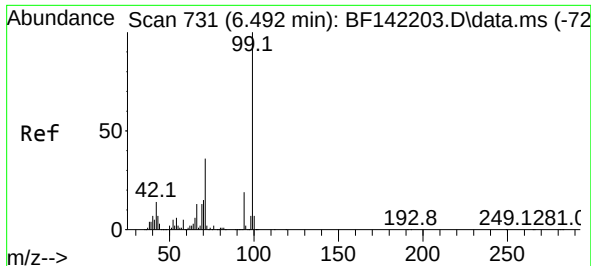
Tgt Ion:152 Resp: 474814
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.4 189.6
 115 62.1 49.4 74.2



#5
 2-Fluorophenol
 Concen: 129.760 ng
 RT: 5.493 min Scan# 561
 Delta R.T. 0.018 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

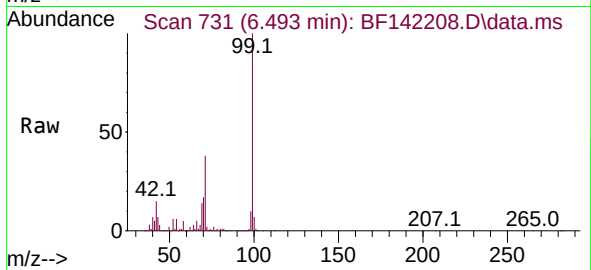
Tgt Ion:112 Resp: 3286243
 Ion Ratio Lower Upper
 112 100
 64 51.1 40.9 61.3
 63 28.6 22.0 33.0



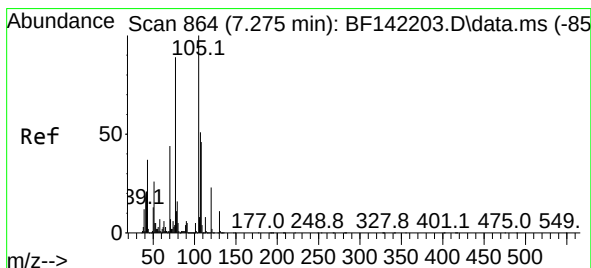
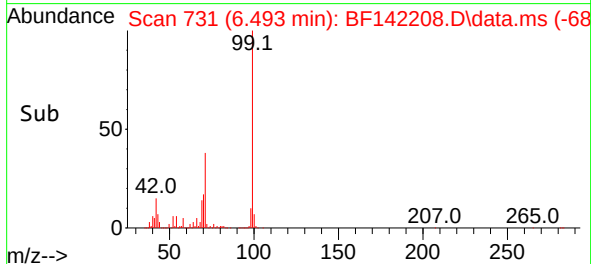
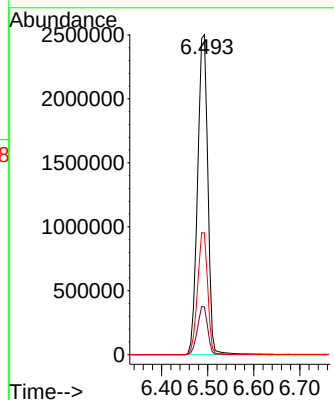


#7
Phenol-d6
Concen: 121.885 ng
RT: 6.493 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

Instrument :
BNA_F
ClientSampleId :

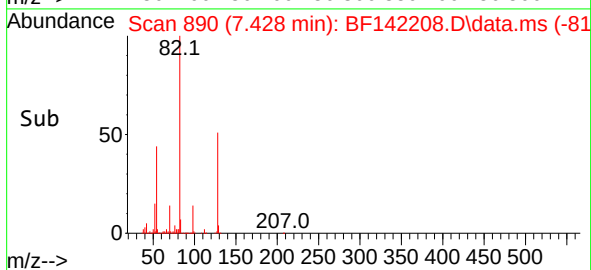
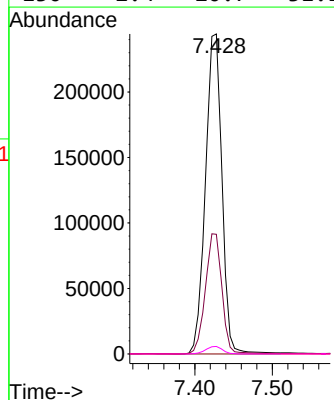
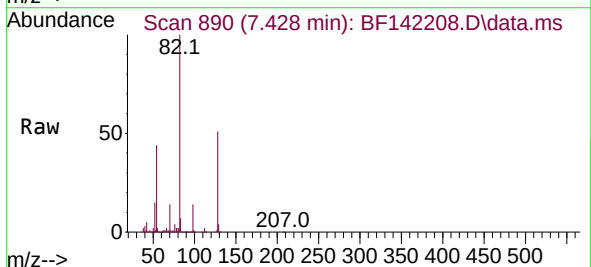


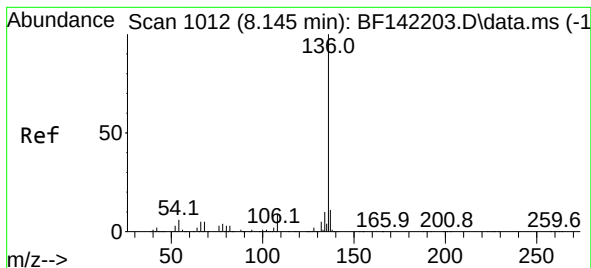
Tgt Ion: 99 Resp: 3865771
Ion Ratio Lower Upper
99 100
42 14.9 11.5 17.3
71 38.0 28.6 42.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.145 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.153 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

Tgt Ion: 70 Resp: 361295
Ion Ratio Lower Upper
70 100
42 37.4 37.4 56.0
101 0.0 8.6 13.0#
130 2.4 20.7 31.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. 0.000 min

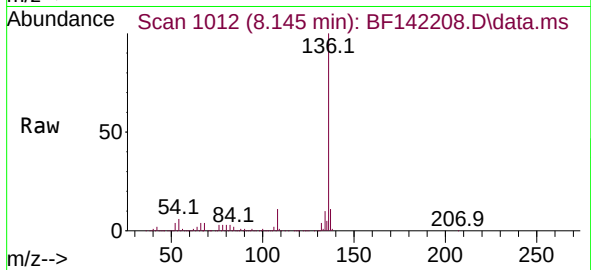
Lab File: BF142208.D

Acq: 21 Apr 2025 19:09

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 1852802

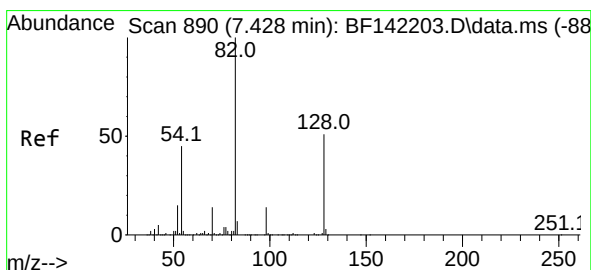
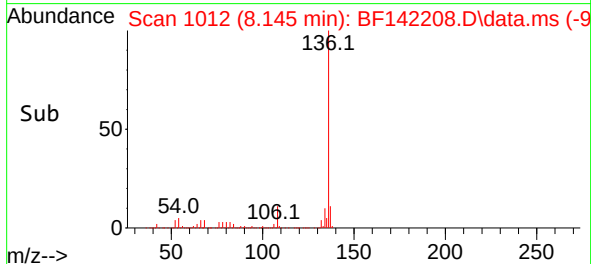
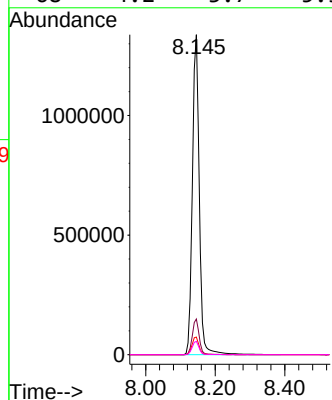
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.5 4.7 7.1

68 4.2 3.7 5.5



#23

Nitrobenzene-d5

Concen: 89.369 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142208.D

Acq: 21 Apr 2025 19:09

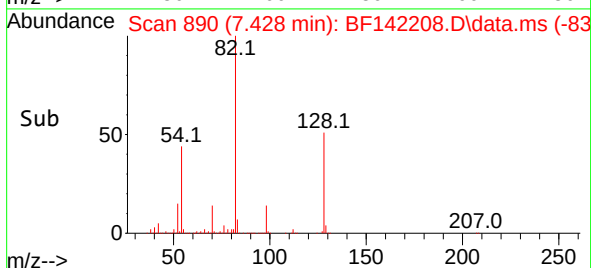
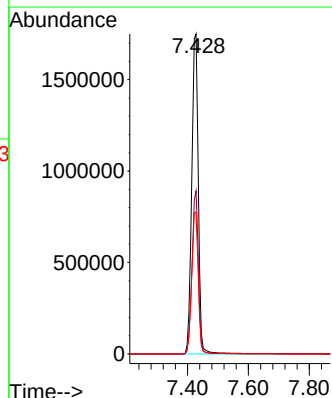
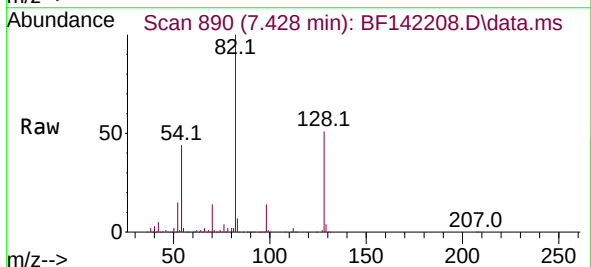
Tgt Ion: 82 Resp: 2636556

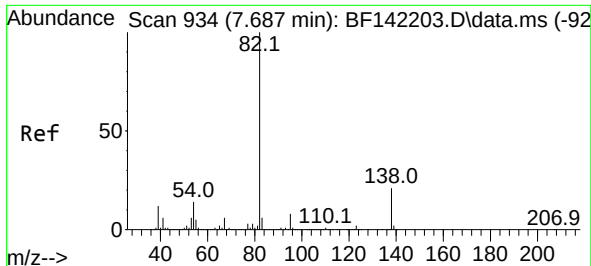
Ion Ratio Lower Upper

82 100

128 50.9 40.2 60.2

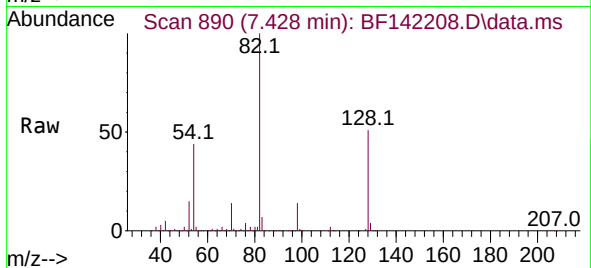
54 44.3 35.5 53.3



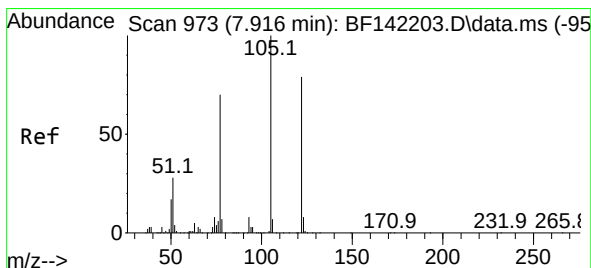
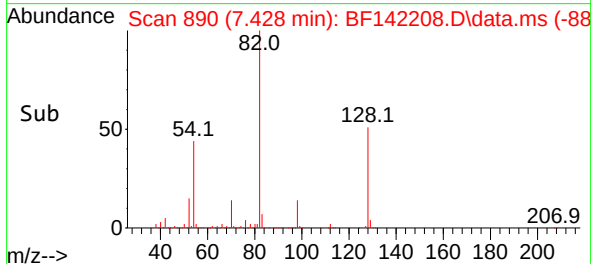
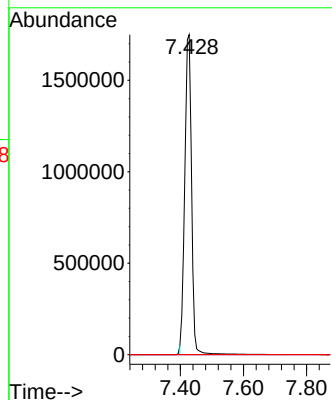


#25
Isophorone
Concen: 52.614 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.259 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

Instrument :
BNA_F
ClientSampleId :

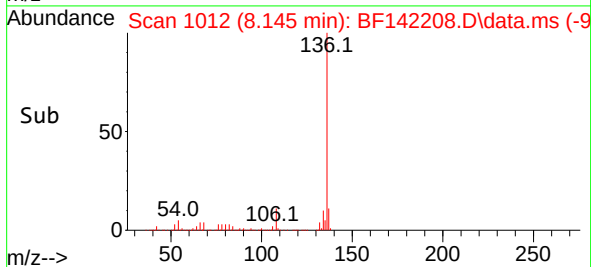
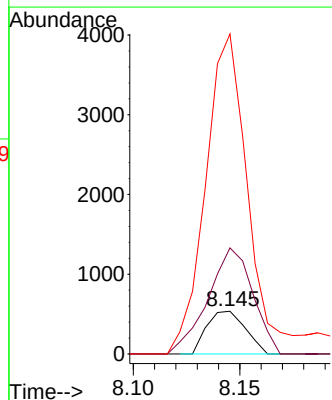
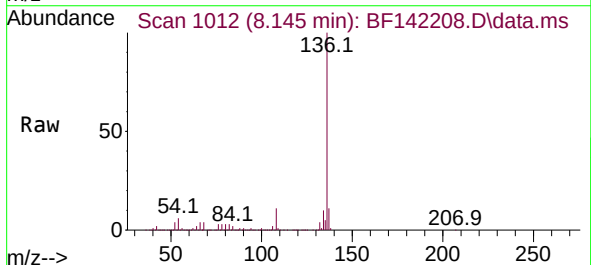


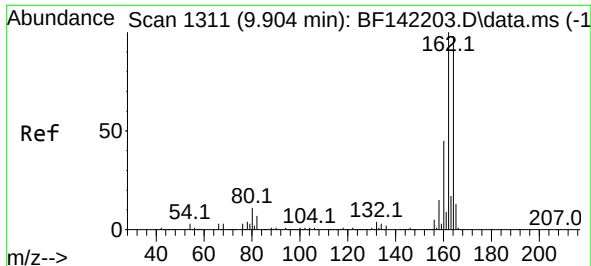
Tgt Ion: 82 Resp: 2605531
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 16.9 25.3#



#32
Benzoic acid
Concen: 6.906 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.229 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

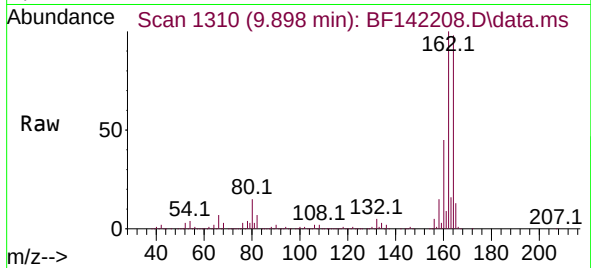
Tgt Ion:122 Resp: 677
Ion Ratio Lower Upper
122 100
105 248.1 101.5 141.5#
77 748.7 66.6 106.6#



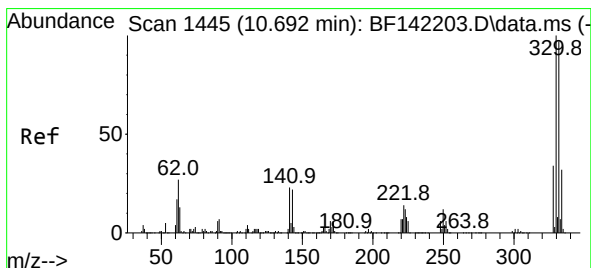
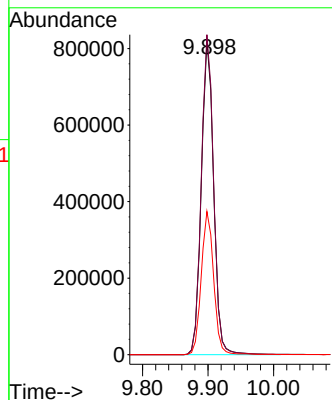
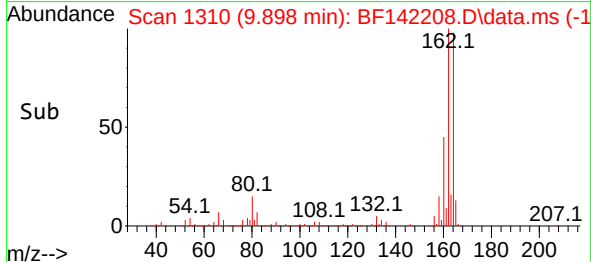


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

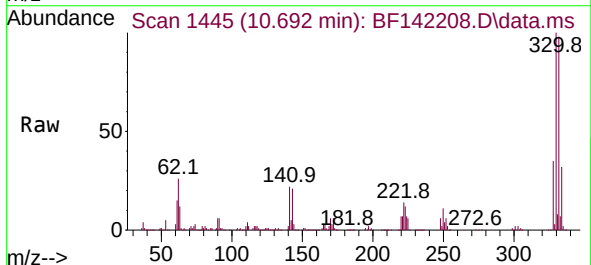
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ClientSampleId :



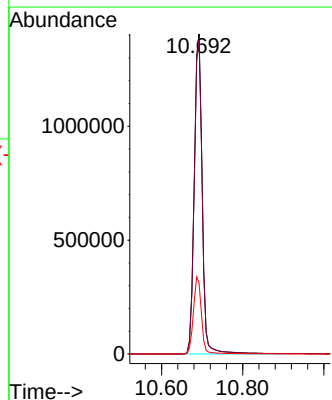
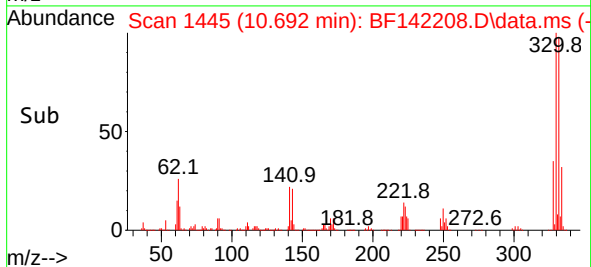
Tgt Ion:164 Resp: 1074264
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 45.7 36.8 55.2

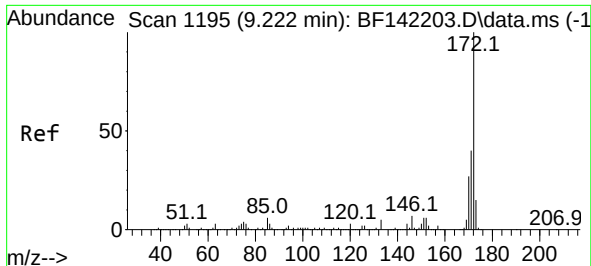


#42
2,4,6-Tribromophenol
Concen: 131.022 ng
RT: 10.692 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09



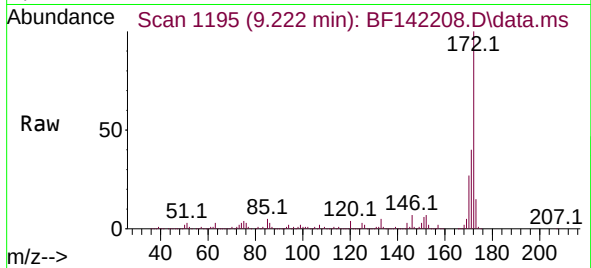
Tgt Ion:330 Resp: 1924449
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 24.2 18.9 28.3



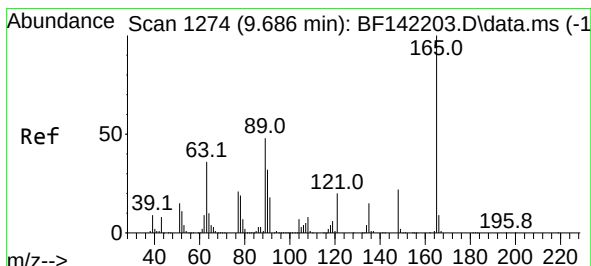
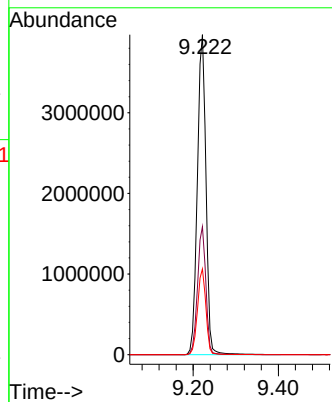
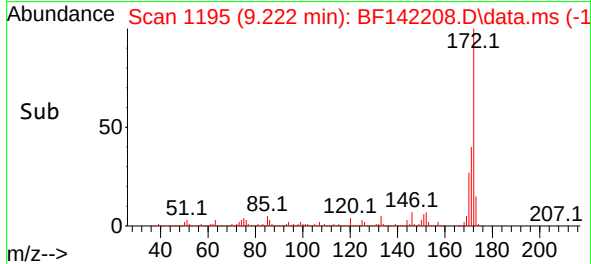


#45
2-Fluorobiphenyl
Concen: 84.645 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

Instrument :
BNA_F
ClientSampleId :

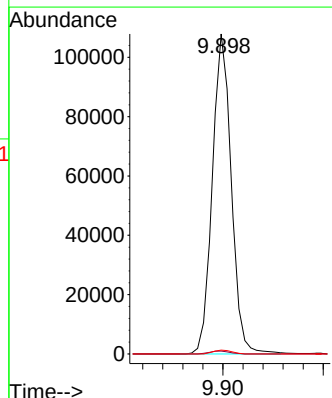
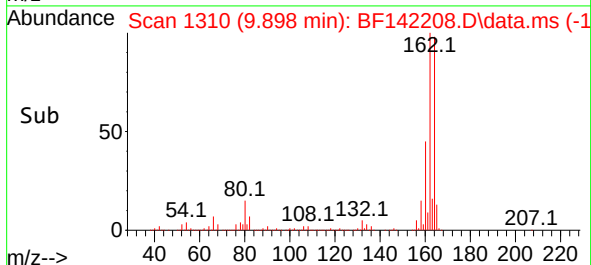
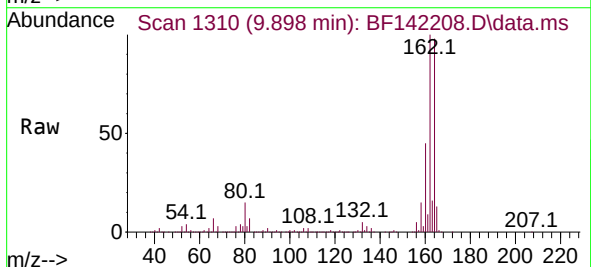


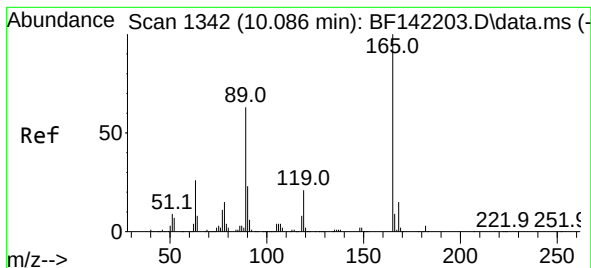
Tgt Ion:172 Resp: 5578814
Ion Ratio Lower Upper
172 100
171 40.0 32.1 48.1
170 26.8 21.4 32.0



#51
2,6-Dinitrotoluene
Concen: 9.157 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.212 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

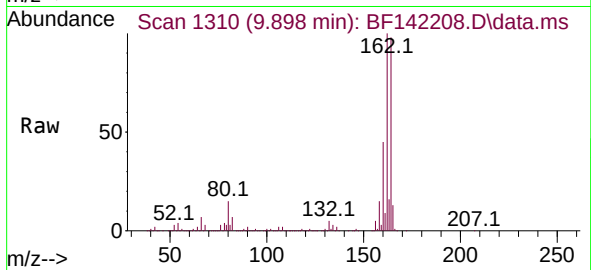
Tgt Ion:165 Resp: 141597
Ion Ratio Lower Upper
165 100
63 0.9 35.4 53.2#
89 1.2 38.6 58.0#



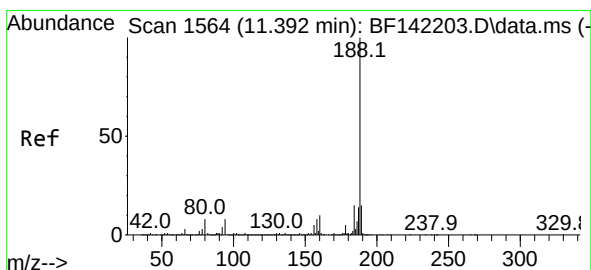
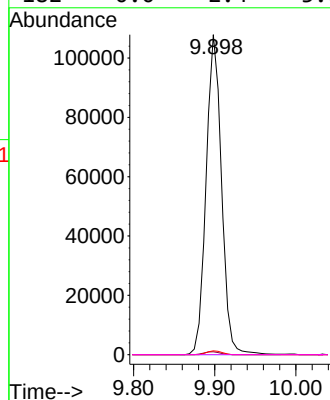
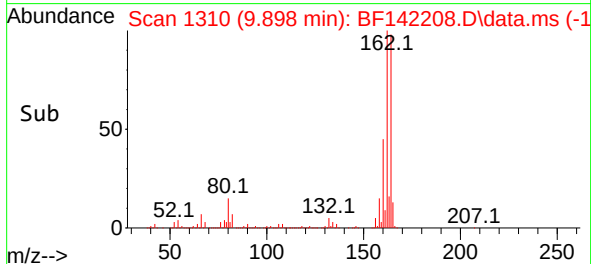


#57
2,4-Dinitrotoluene
Concen: 7.105 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

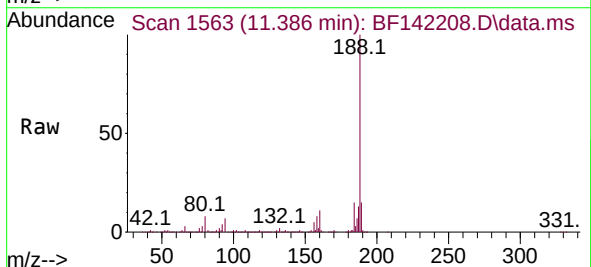
Instrument :
BNA_F
ClientSampleId :



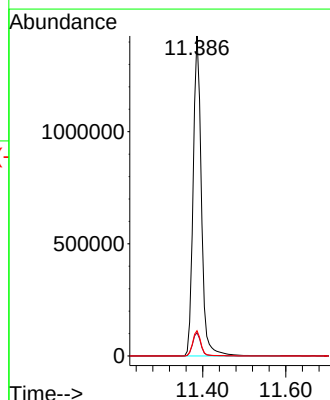
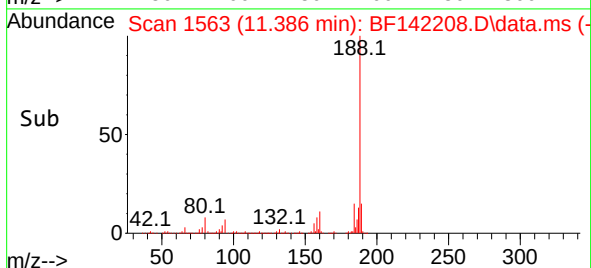
Tgt Ion:165 Resp: 141903
Ion Ratio Lower Upper
165 100
63 0.9 29.0 43.6#
89 1.2 50.1 75.1#
182 0.0 2.4 3.6#

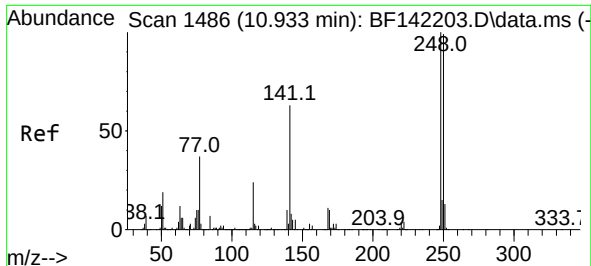


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09



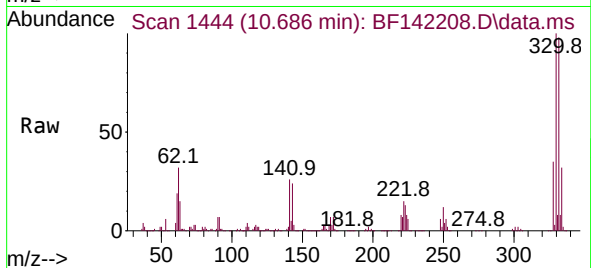
Tgt Ion:188 Resp: 1960134
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 7.9 6.7 10.1



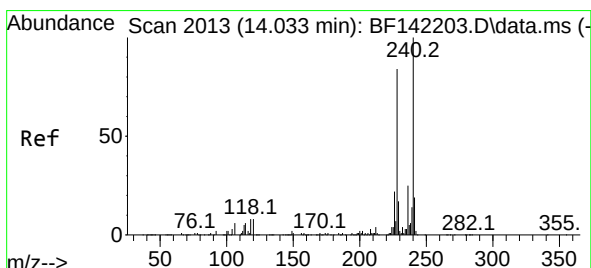
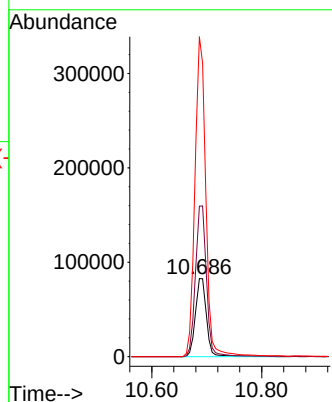
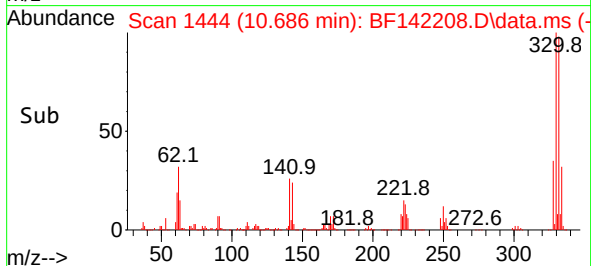


#67
4-Bromophenyl-phenylether
Concen: 4.485 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

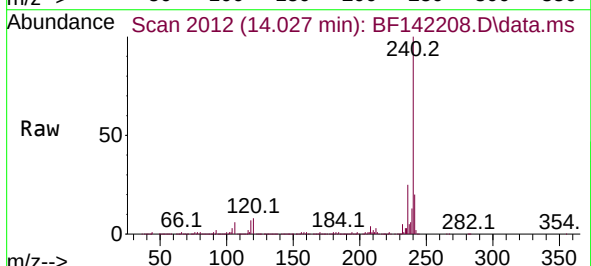
Instrument :
BNA_F
ClientSampleId :



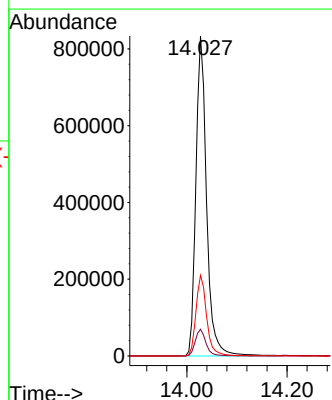
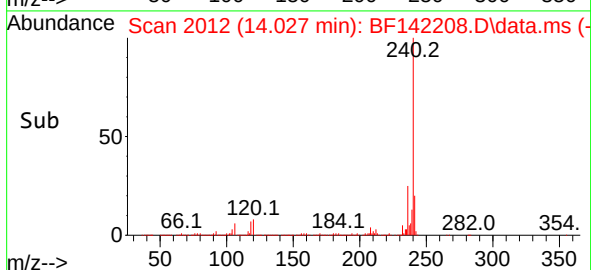
Tgt Ion:248 Resp: 115623
Ion Ratio Lower Upper
248 100
250 192.7 78.8 118.2#
141 409.5 50.6 75.8#

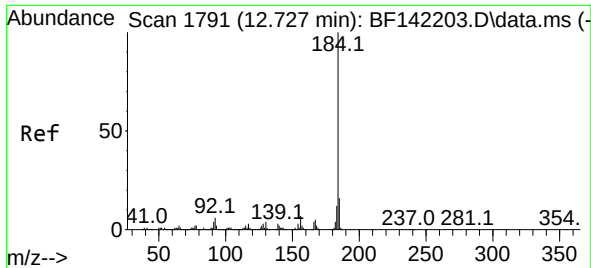


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09



Tgt Ion:240 Resp: 1232084
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.2 20.2 30.2

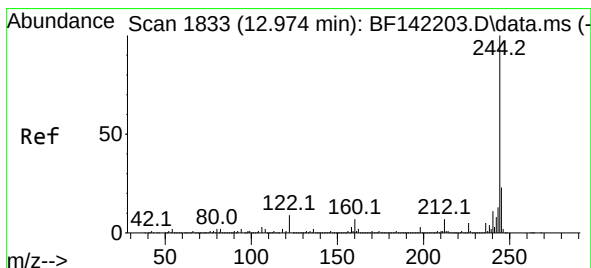
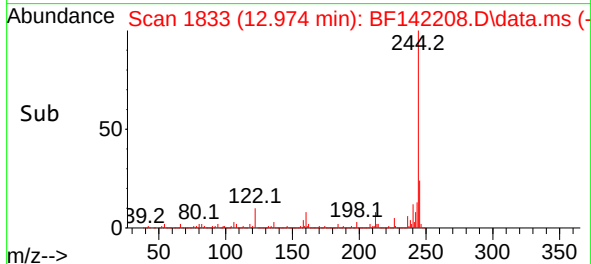
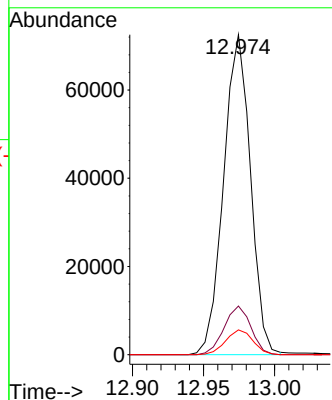
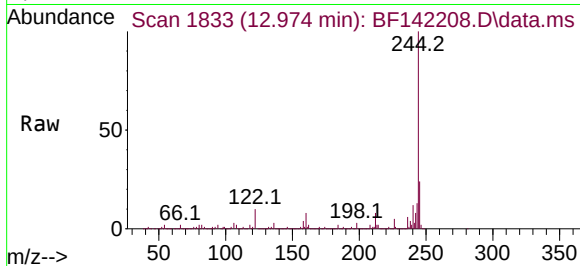




#77
Benzidine
Concen: 5.994 ng
RT: 12.974 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

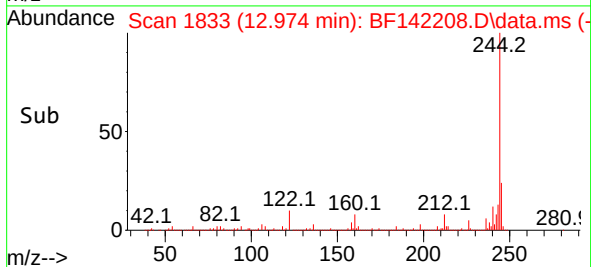
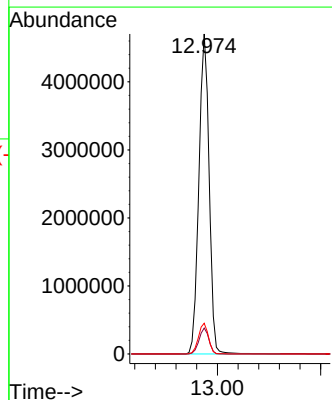
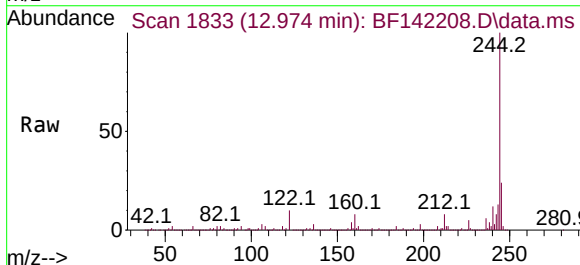
Instrument :
BNA_F
ClientSampleId :

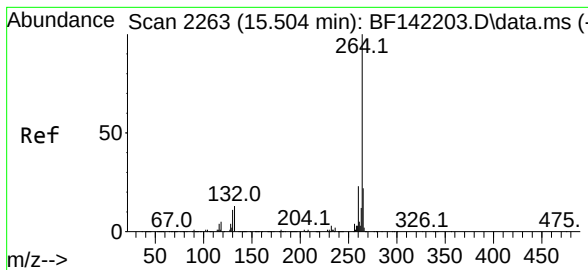
Tgt Ion:184 Resp: 95295
Ion Ratio Lower Upper
184 100
185 15.2 13.0 19.6
183 7.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 87.959 ng
RT: 12.974 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF142208.D
Acq: 21 Apr 2025 19:09

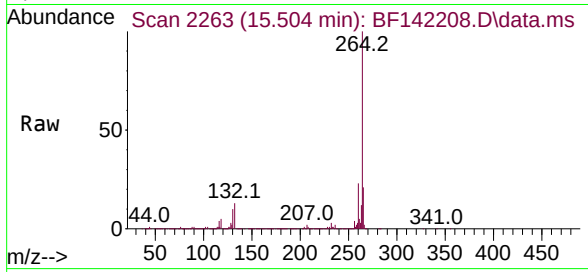
Tgt Ion:244 Resp: 6468874
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.6 7.3 10.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142208.D
 Acq: 21 Apr 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 1165151
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.4 16.9 25.3

