

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140493.D
 Acq On : 20 Nov 2024 11:49
 Operator : RC/JU
 Sample : P4868-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP100-20241114

Quant Time: Nov 20 12:16:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

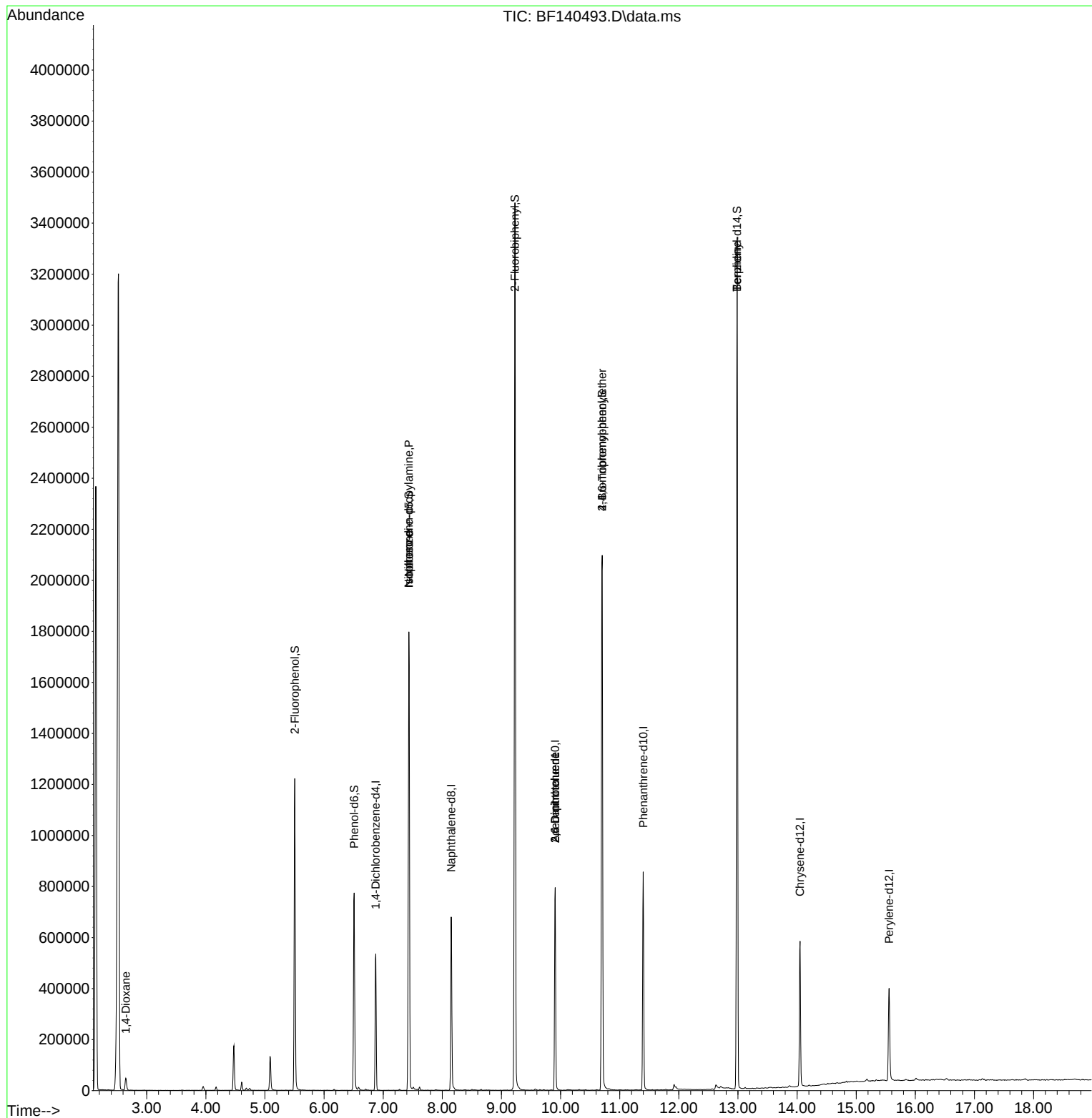
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115090	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438706	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246450	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	461031	20.000	ng	0.00
76) Chrysene-d12	14.051	240	281660	20.000	ng	0.00
86) Perylene-d12	15.556	264	215486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	463650	68.783	ng	0.01
7) Phenol-d6	6.510	99	379613	41.567	ng	0.00
23) Nitrobenzene-d5	7.433	82	878803	104.371	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	392402	160.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1571042	102.476	ng	0.00
79) Terphenyl-d14	12.986	244	1665498	102.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	28819	9.593	ng	99
19) n-Nitroso-di-n-propyla...	7.433	70	119289	21.627	ng	# 77
25) Isophorone	7.433	82	878200	58.850	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	31304	8.548	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	31305	6.495	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	24108	5.231	ng	# 1
77) Benzidine	12.986	184	22845	2.113	ng	# 87

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

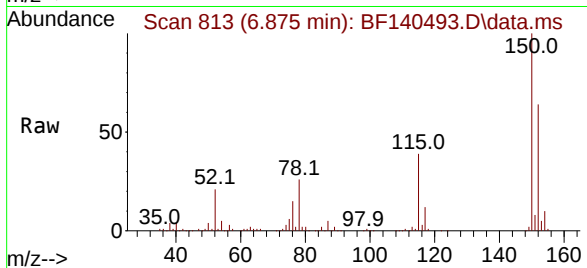
Quant Time: Nov 20 12:16:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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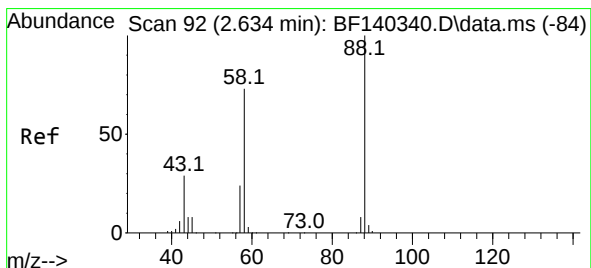
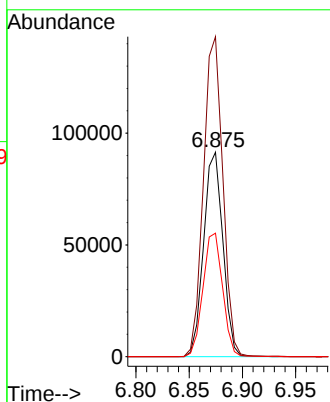
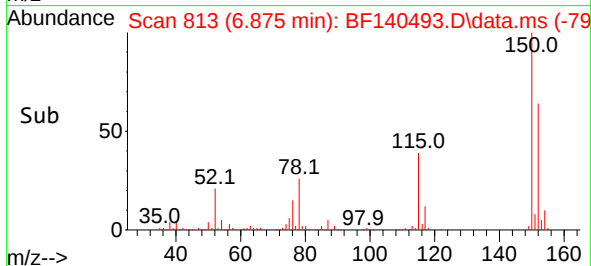


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140493.D
 Acq: 20 Nov 2024 11:49

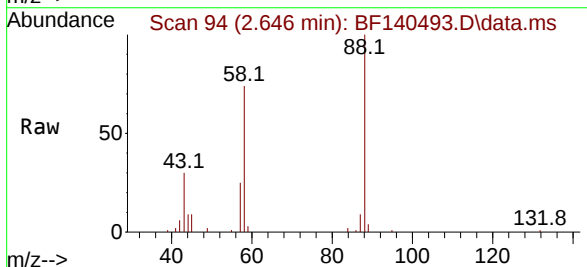
Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP100-20241114



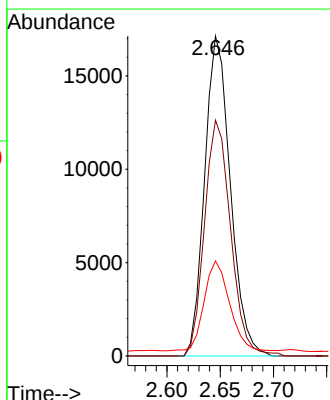
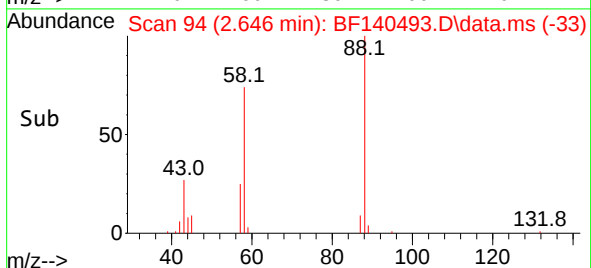
Tgt Ion:152 Resp: 115090
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.4 191.0
 115 60.4 47.4 71.2

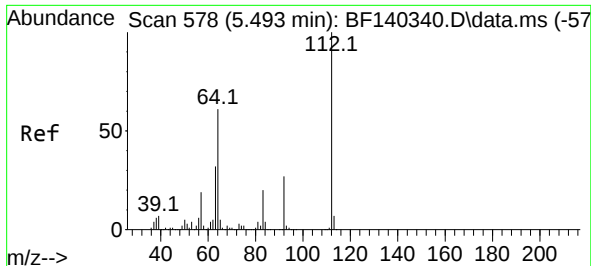


#2
 1,4-Dioxane
 Concen: 9.593 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: BF140493.D
 Acq: 20 Nov 2024 11:49



Tgt Ion: 88 Resp: 28819
 Ion Ratio Lower Upper
 88 100
 58 74.8 59.5 89.3
 43 27.6 23.4 35.2

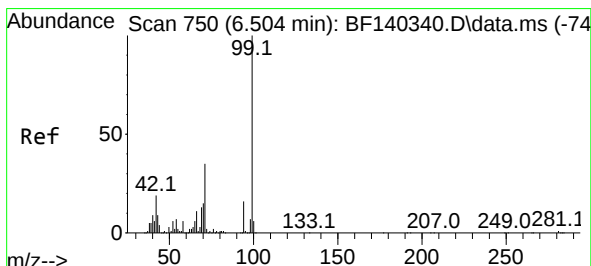
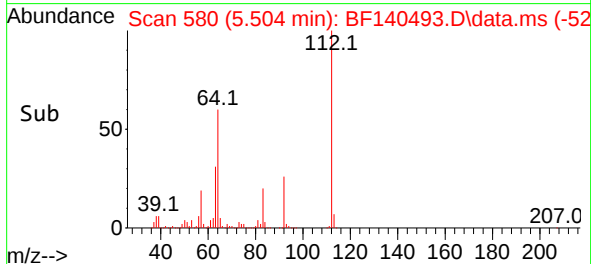
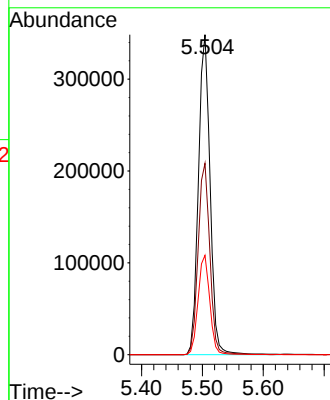
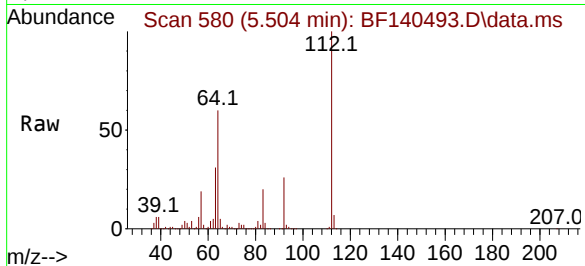




#5
2-Fluorophenol
Concen: 68.783 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

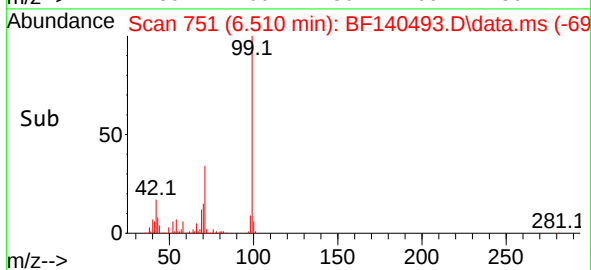
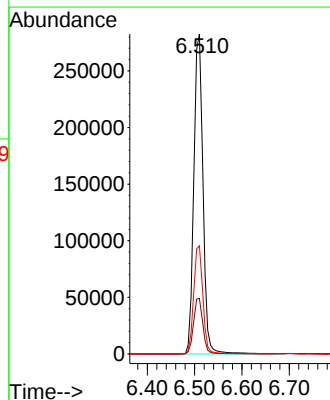
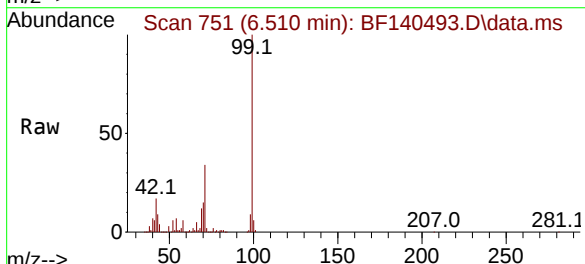
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

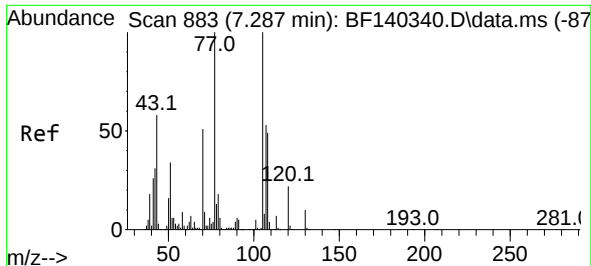
Tgt Ion:112 Resp: 463650
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.1 25.6 38.4



#7
Phenol-d6
Concen: 41.567 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion: 99 Resp: 379613
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 33.8 27.9 41.9

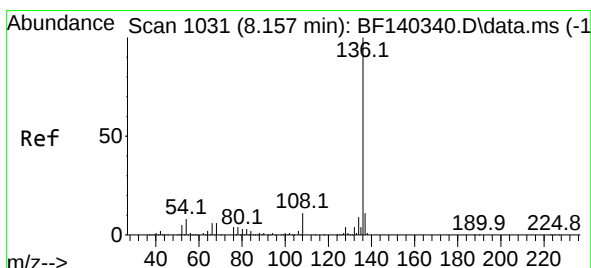
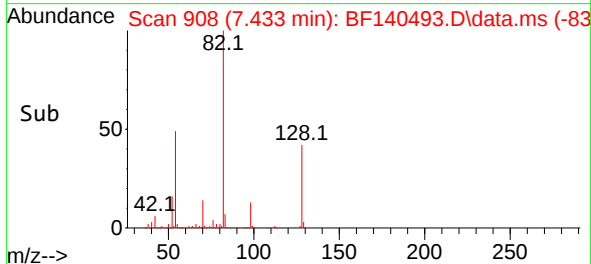
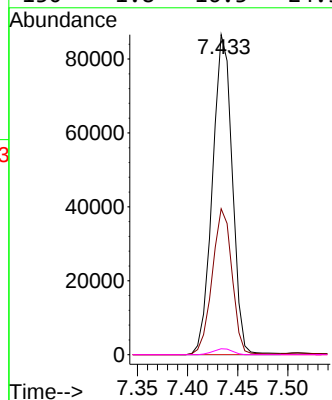
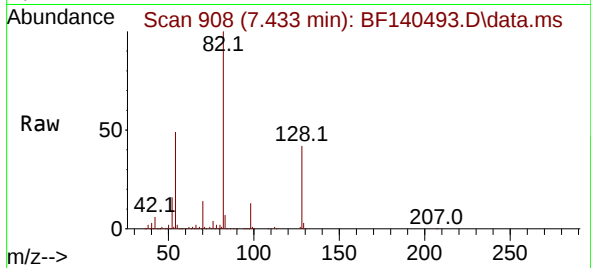




#19
n-Nitroso-di-n-propylamine
Concen: 21.627 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

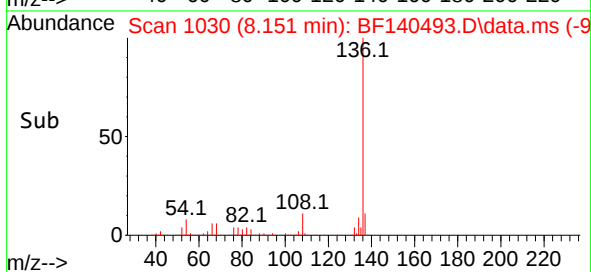
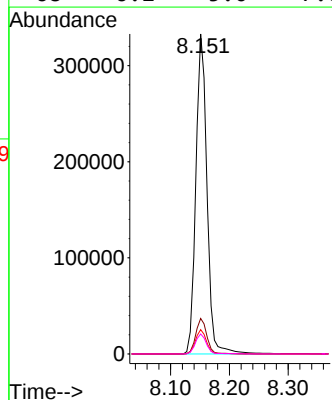
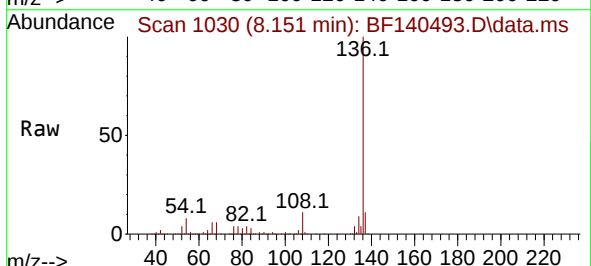
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

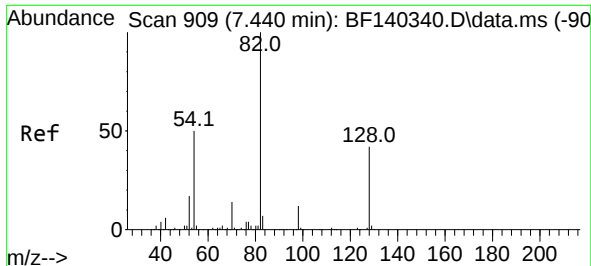
Tgt Ion: 70 Resp: 119289
Ion Ratio Lower Upper
70 100
42 45.6 46.8 70.2#
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion: 136 Resp: 438706
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.6 6.5 9.7
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 104.371 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

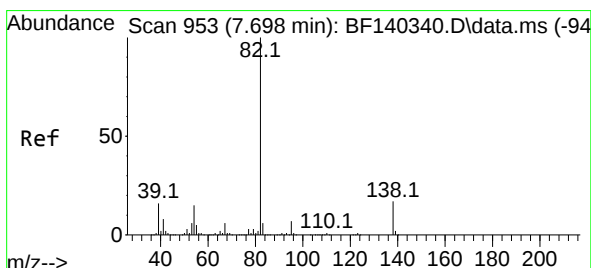
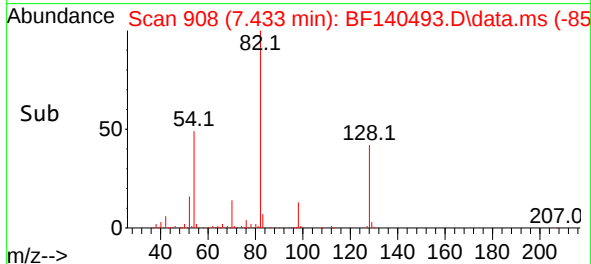
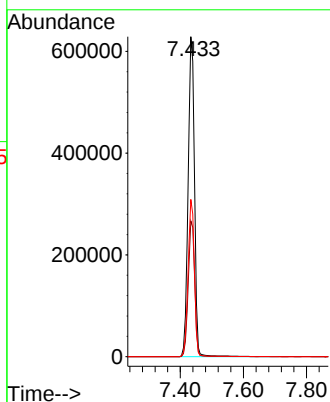
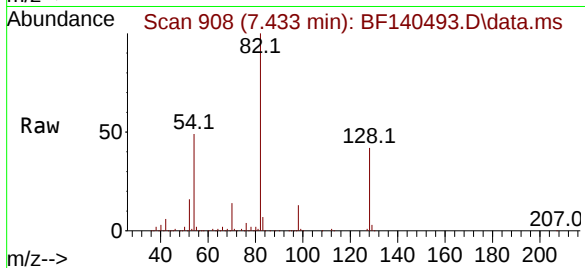
Tgt Ion: 82 Resp: 878803

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 49.1 39.8 59.8



#25

Isophorone

Concen: 58.850 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

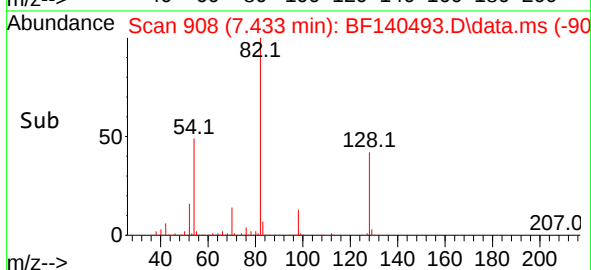
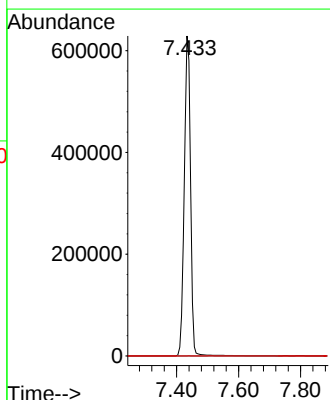
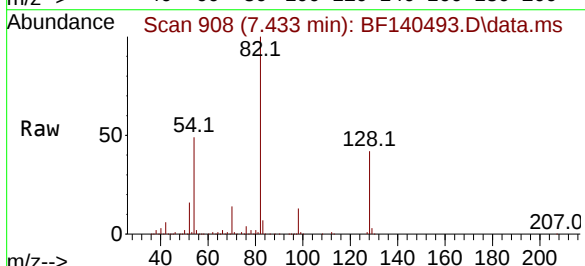
Tgt Ion: 82 Resp: 878200

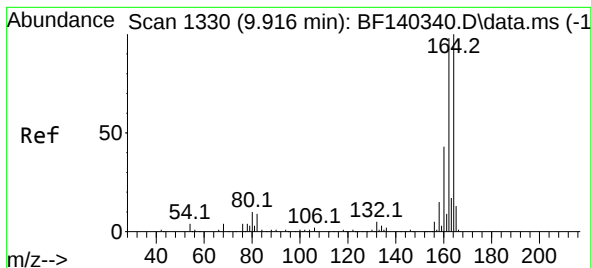
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

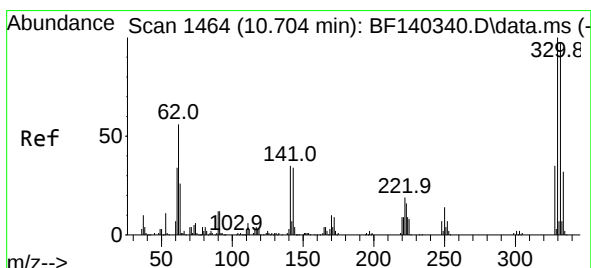
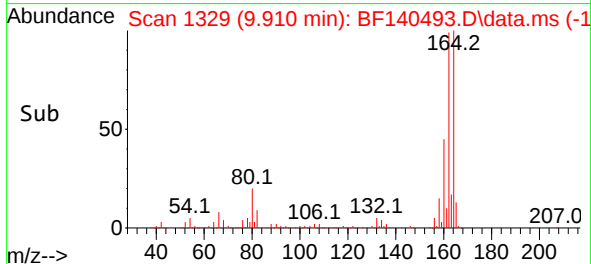
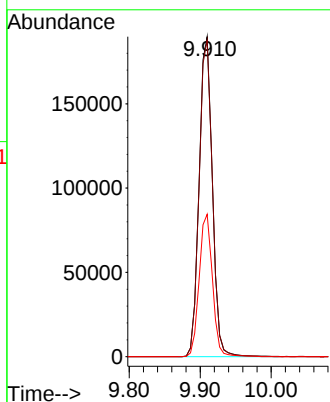
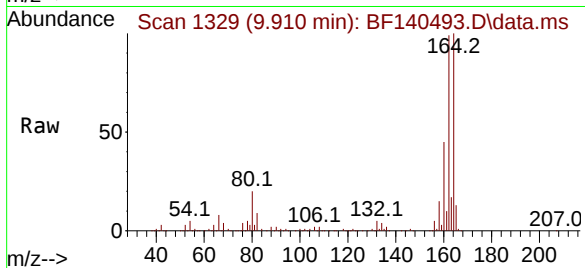
Tgt Ion:164 Resp: 246450

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 160.115 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

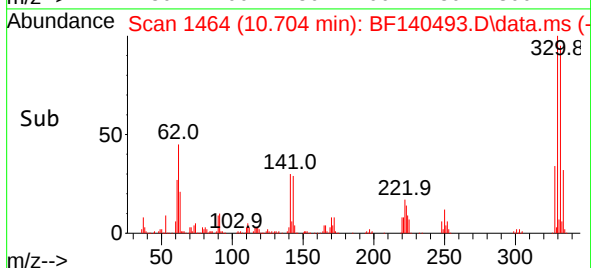
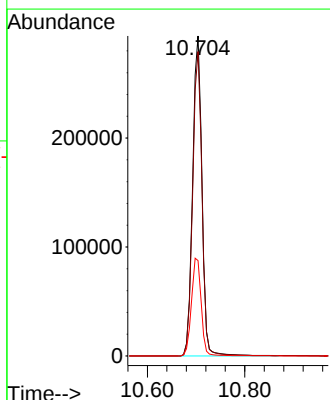
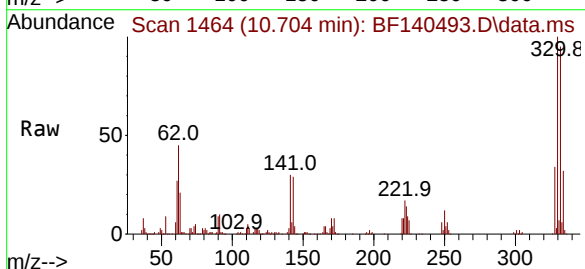
Tgt Ion:330 Resp: 392402

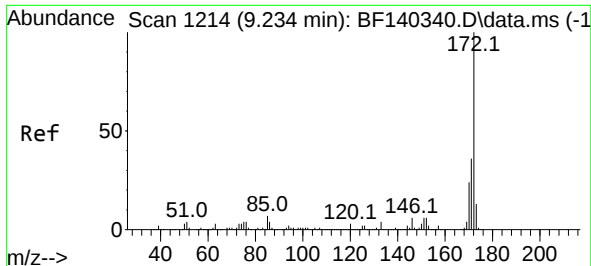
Ion Ratio Lower Upper

330 100

332 95.3 75.9 113.9

141 31.9 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 102.476 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

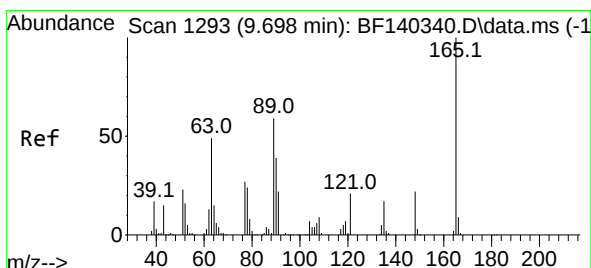
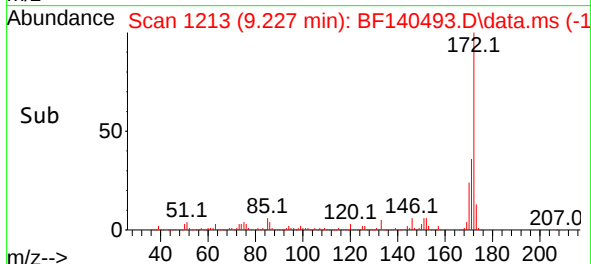
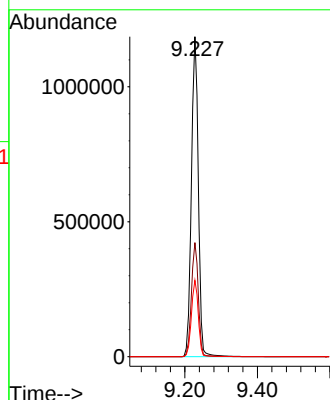
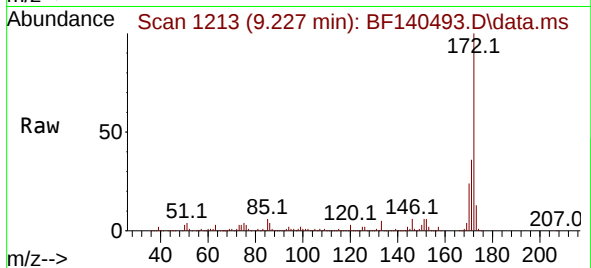
Tgt Ion:172 Resp: 1571042

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.9 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.548 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

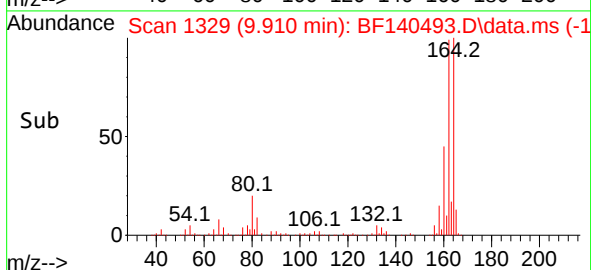
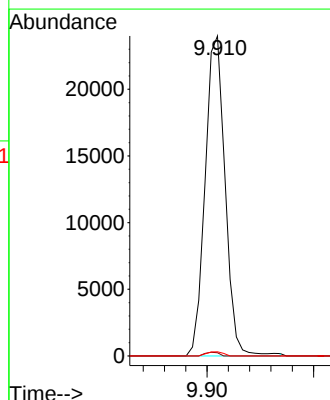
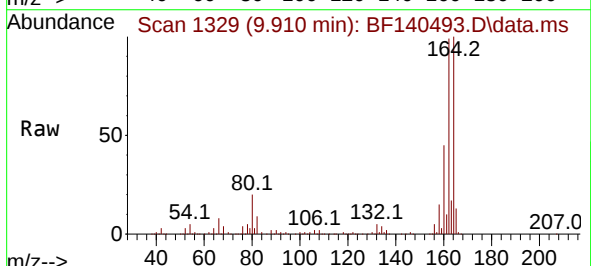
Tgt Ion:165 Resp: 31304

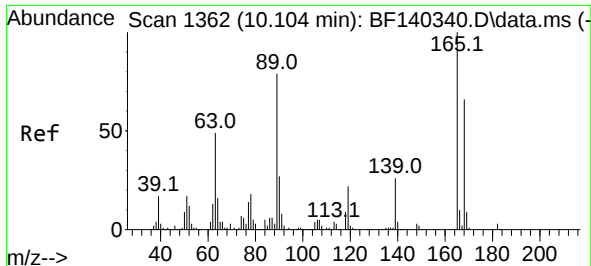
Ion Ratio Lower Upper

165 100

63 1.0 47.6 71.4#

89 1.3 48.1 72.1#

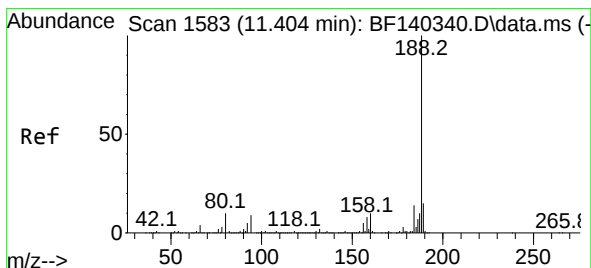
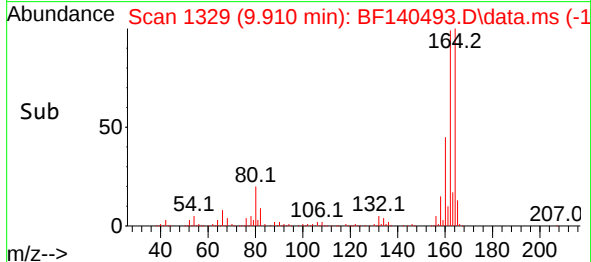
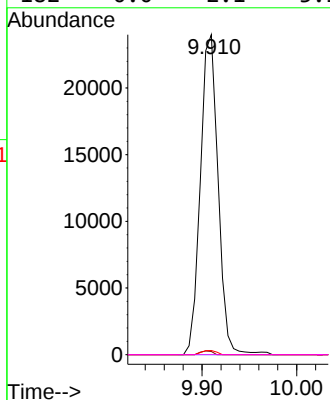
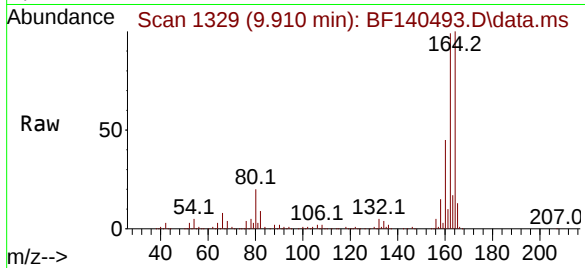




#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

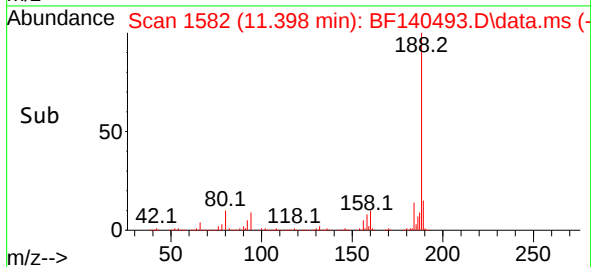
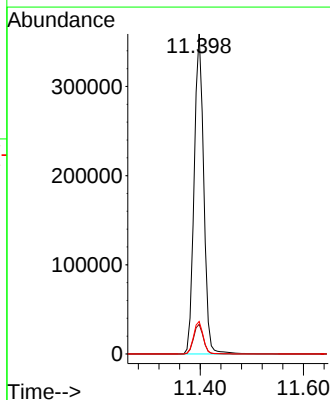
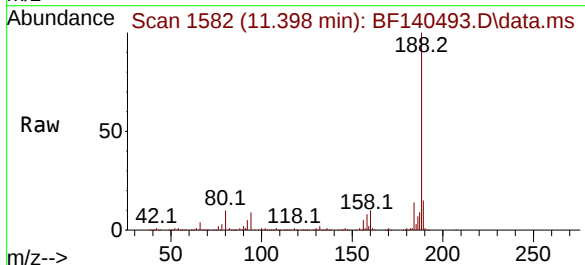
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

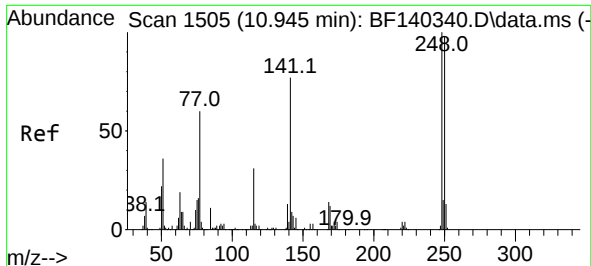
Tgt Ion:165 Resp: 31305
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion:188 Resp: 461031
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.1 8.0 12.0

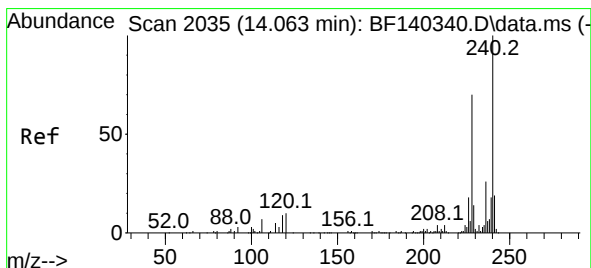
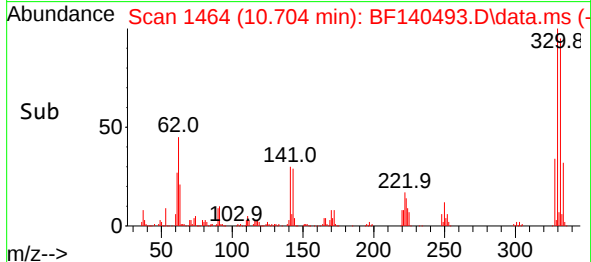
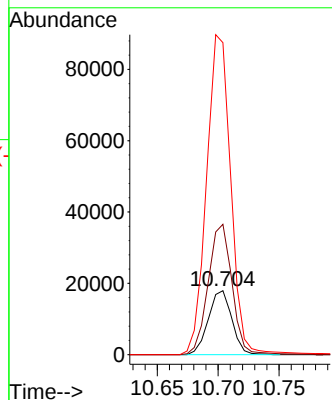
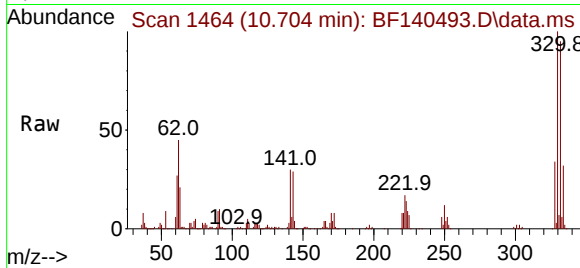




#67
4-Bromophenyl-phenylether
Concen: 5.231 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

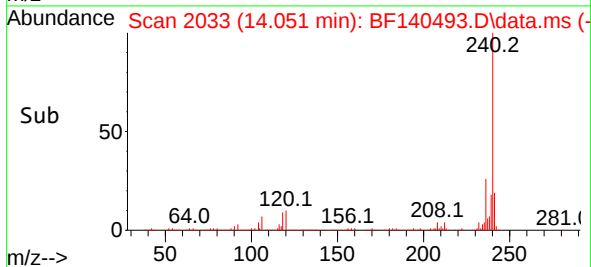
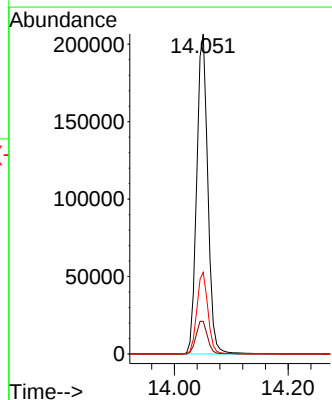
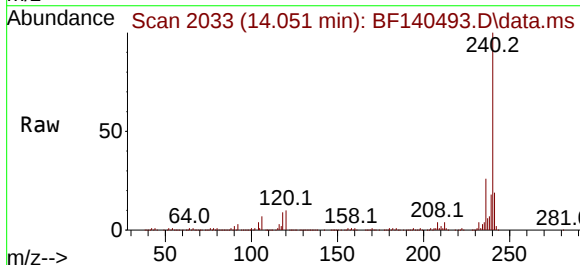
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

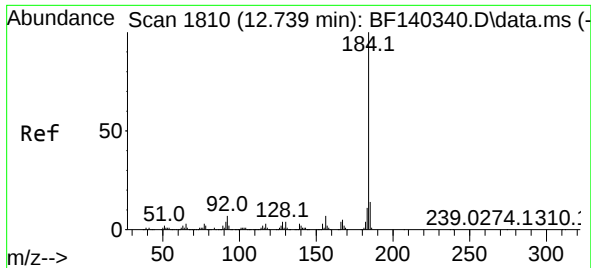
Tgt Ion:248 Resp: 24108
Ion Ratio Lower Upper
248 100
250 203.7 77.9 116.9#
141 487.2 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion:240 Resp: 281660
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.5 20.9 31.3

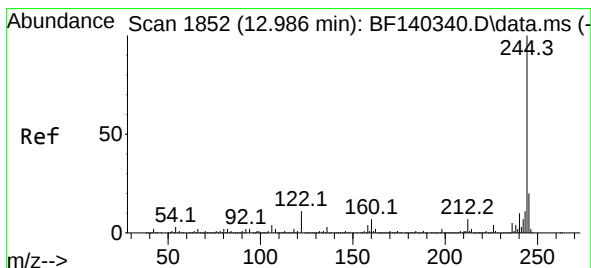
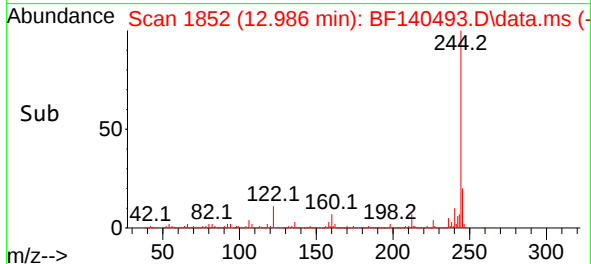
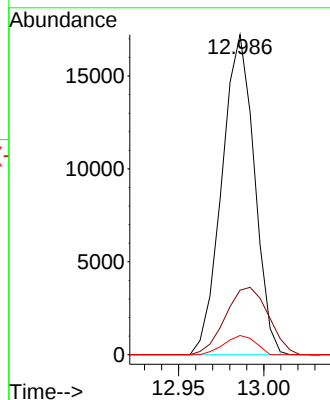
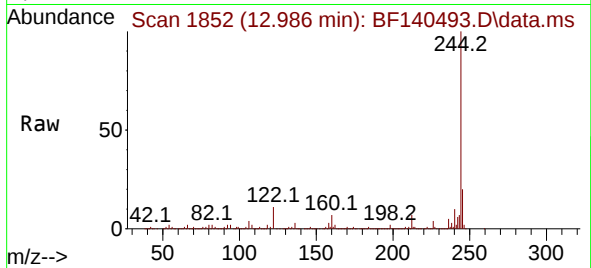




#77
Benzidine
Concen: 2.113 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

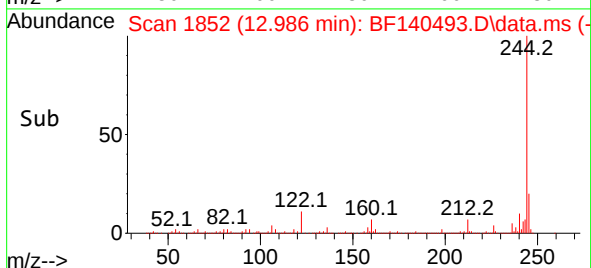
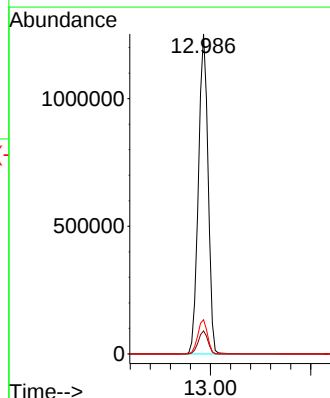
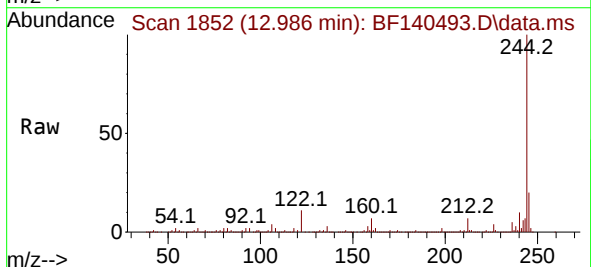
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

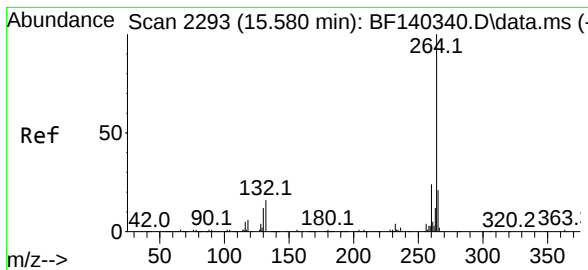
Tgt Ion:184 Resp: 22845
Ion Ratio Lower Upper
184 100
185 20.2 11.9 17.9#
183 6.0 8.6 13.0#



#79
Terphenyl-d14
Concen: 102.640 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

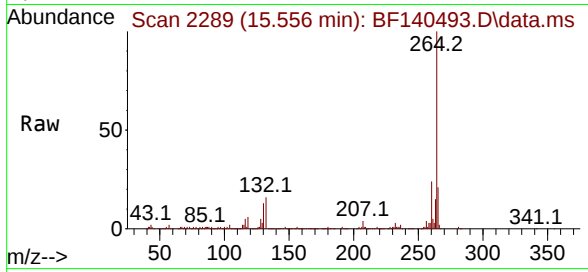
Tgt Ion:244 Resp: 1665498
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140493.D
 Acq: 20 Nov 2024 11:49

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP100-20241114



Tgt Ion:264 Resp: 215486

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.9	17.1	25.7

