

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140458.D
 Acq On : 18 Nov 2024 17:13
 Operator : RC/JU
 Sample : P4821-04RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24RE

Quant Time: Nov 18 17:35:30 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)

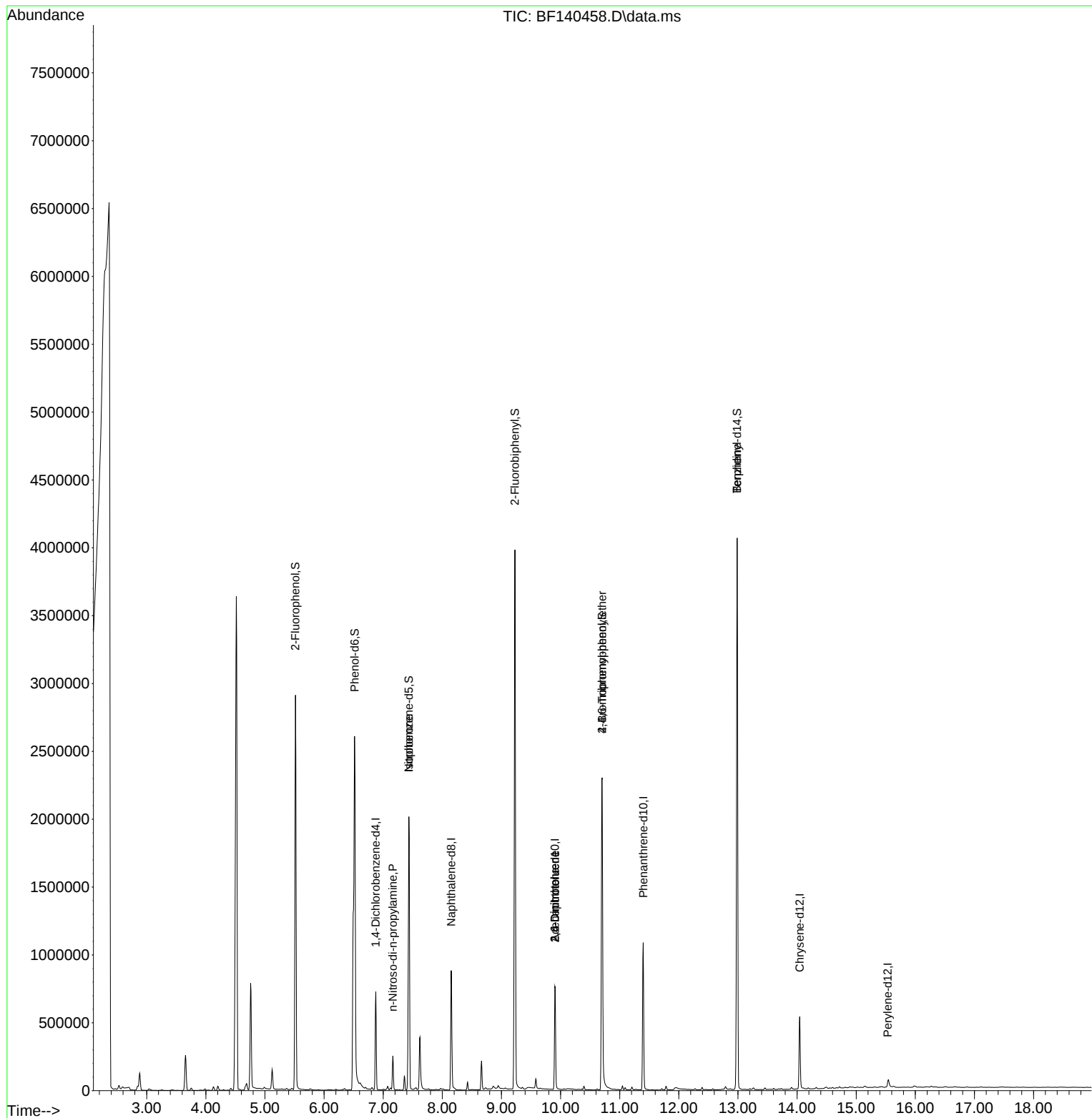
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148970	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	562881	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	216114	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	585658	20.000	ng	0.00
76) Chrysene-d12	14.045	240	214547	20.000	ng	0.00
86) Perylene-d12	15.533	264	9953	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1124117	128.838	ng	0.02
7) Phenol-d6	6.516	99	1214588	102.748	ng	0.01
23) Nitrobenzene-d5	7.434	82	973571	90.118	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	459594	213.856	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1822752	135.584	ng	0.00
79) Terphenyl-d14	12.986	244	2004388	162.165	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.163	70	15724	2.202	ng	# 33
25) Isophorone	7.434	82	964267	50.362	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	27204	8.471	ng	# 24
57) 2,4-Dinitrotoluene	9.904	165	27257	6.449	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	29451	5.031	ng	# 1
77) Benzidine	12.986	184	27866	3.384	ng	96

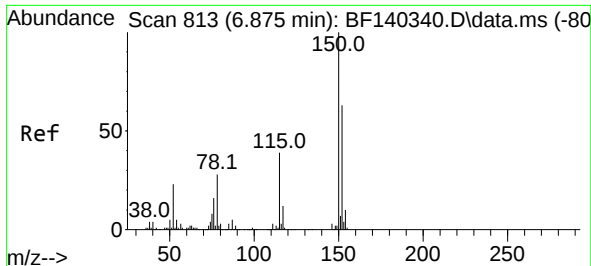
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
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Quant Time: Nov 18 17:35:30 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

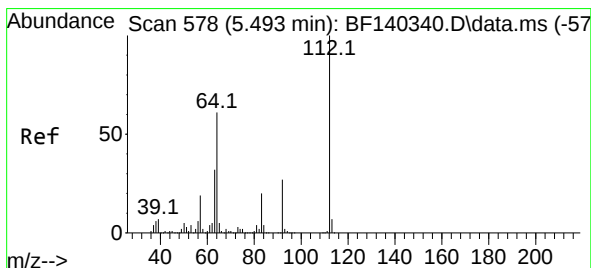
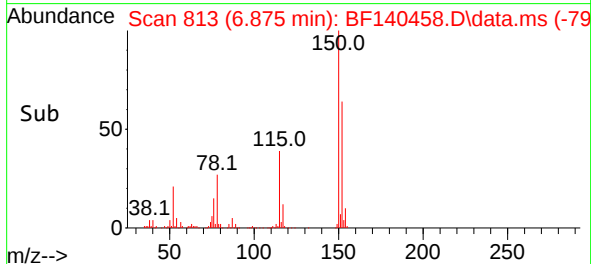
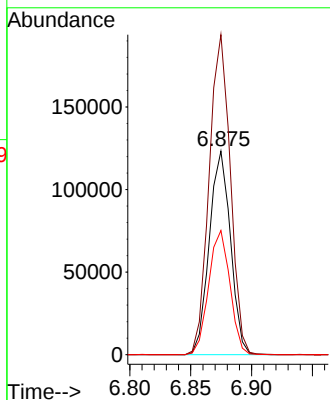
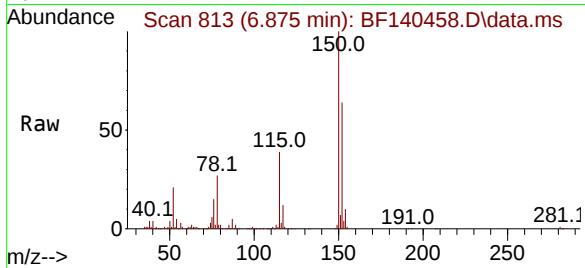




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

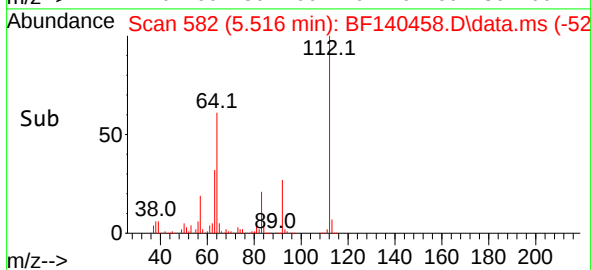
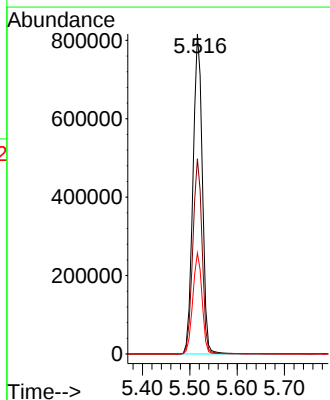
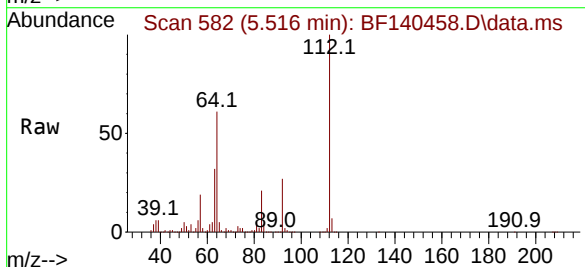
Instrument :
BNA_F
ClientSampleId :
BP-F-24RE

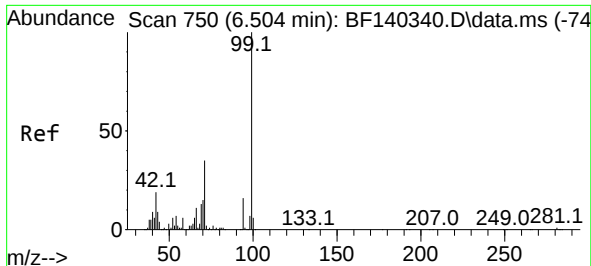
Tgt Ion:152 Resp: 148970
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.0
115 61.0 47.4 71.2



#5
2-Fluorophenol
Concen: 128.838 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

Tgt Ion:112 Resp: 1124117
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 31.6 25.6 38.4

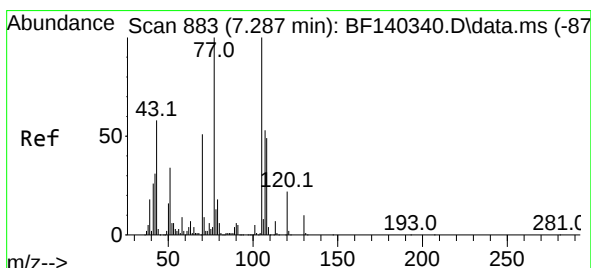
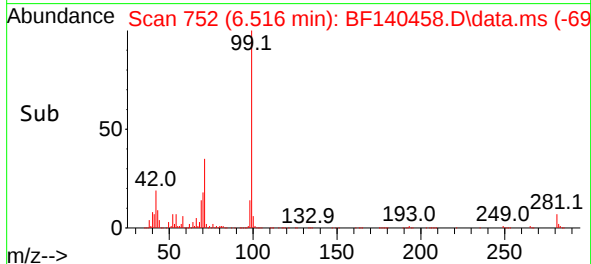
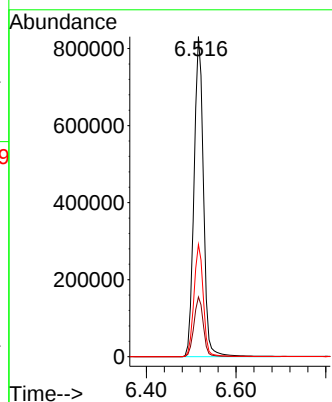
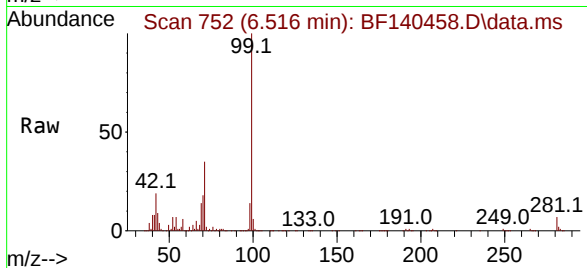




#7
Phenol-d6
Concen: 102.748 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

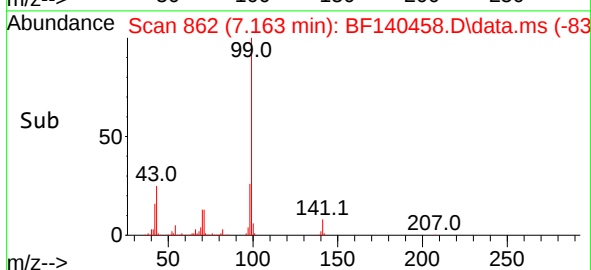
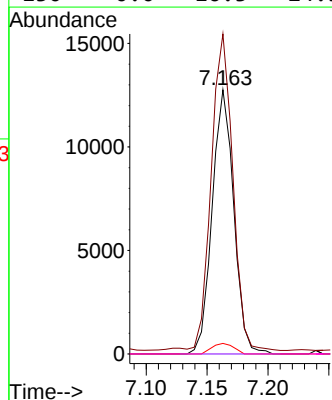
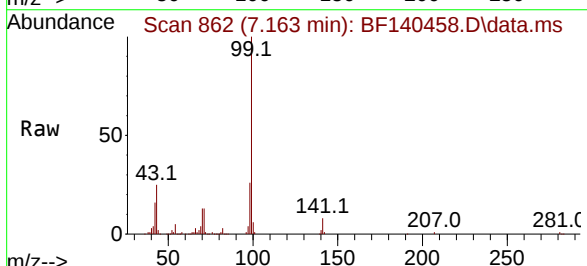
Instrument :
BNA_F
ClientSampleId :
BP-F-24RE

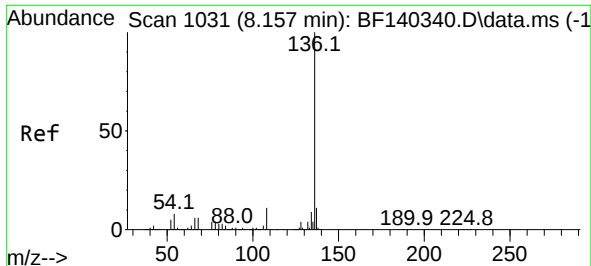
Tgt Ion: 99 Resp: 1214588
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 2.202 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.130 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

Tgt Ion: 70 Resp: 15724
Ion Ratio Lower Upper
70 100
42 121.2 46.8 70.2#
101 4.0 7.5 11.3#
130 0.0 16.3 24.5#

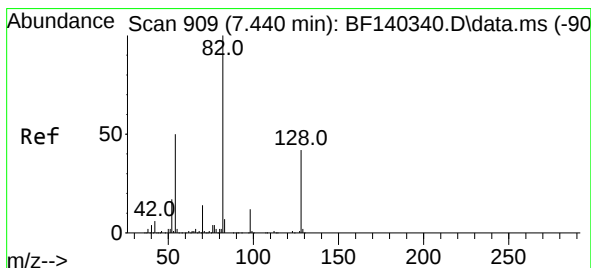
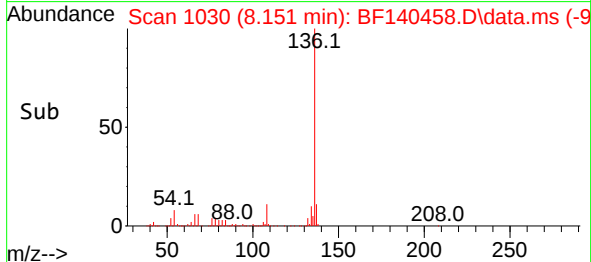
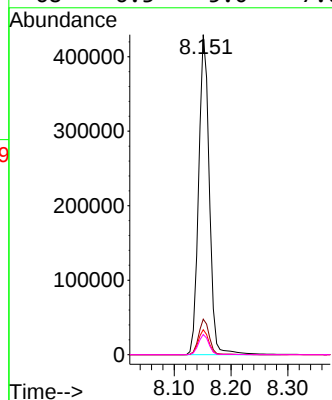
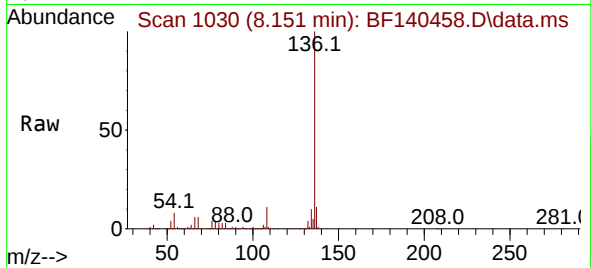




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

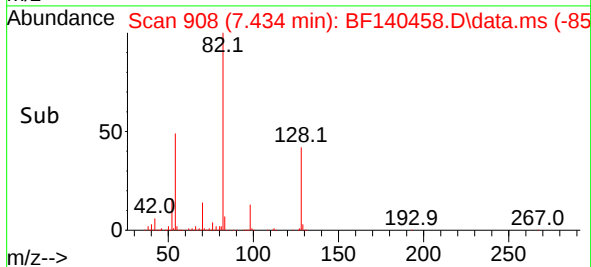
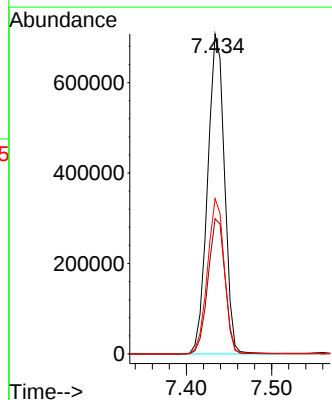
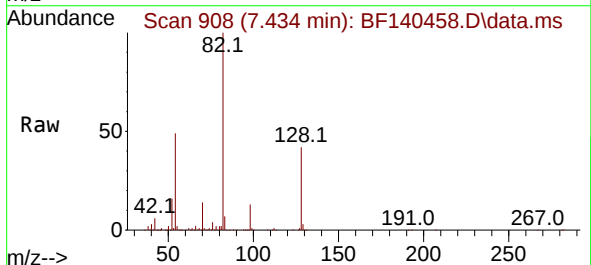
Instrument :
BNA_F
ClientSampleId :
BP-F-24RE

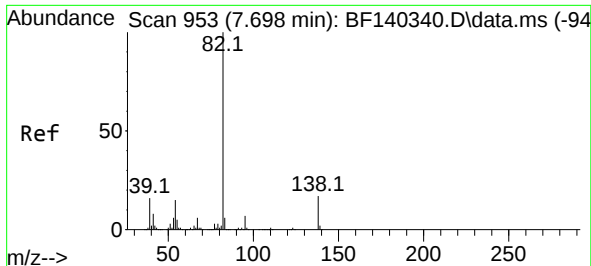
Tgt Ion:136 Resp: 562881
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.118 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

Tgt Ion: 82 Resp: 973571
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 48.5 39.8 59.8

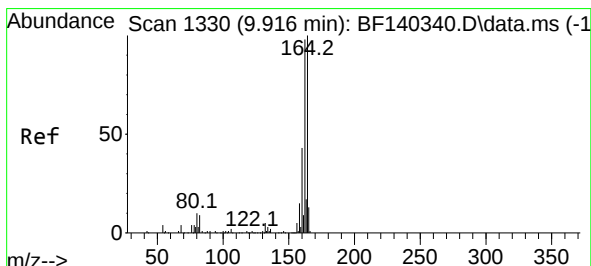
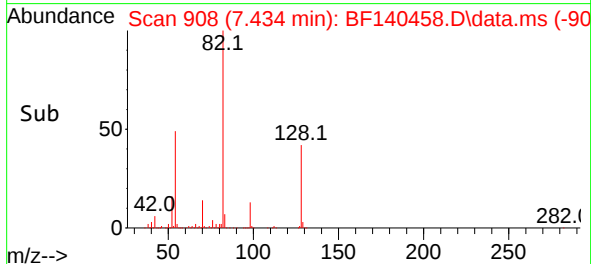
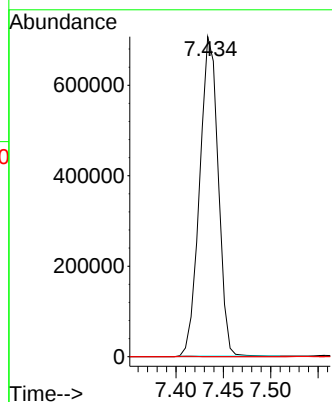
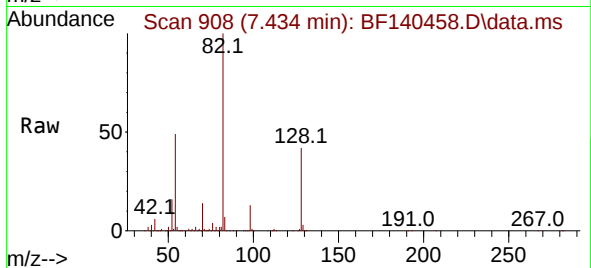




#25
Isophorone
Concen: 50.362 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

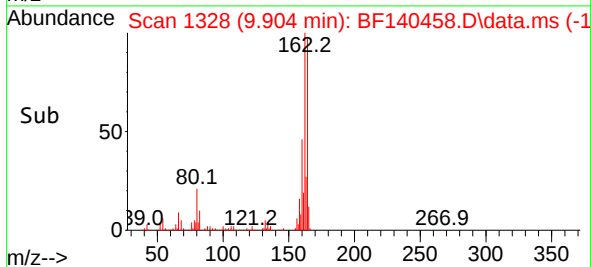
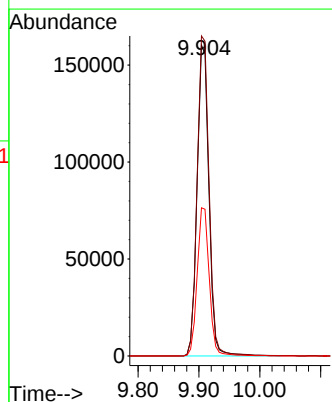
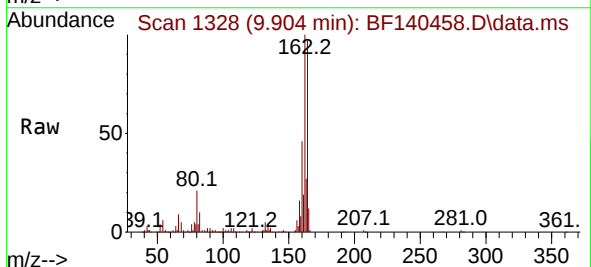
Instrument :
BNA_F
ClientSampleId :
BP-F-24RE

Tgt Ion: 82 Resp: 964267
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: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

Tgt Ion: 164 Resp: 216114
Ion Ratio Lower Upper
164 100
162 103.0 79.8 119.8
160 47.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 213.856 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140458.D

Acq: 18 Nov 2024 17:13

Instrument :

BNA_F

ClientSampleId :

BP-F-24RE

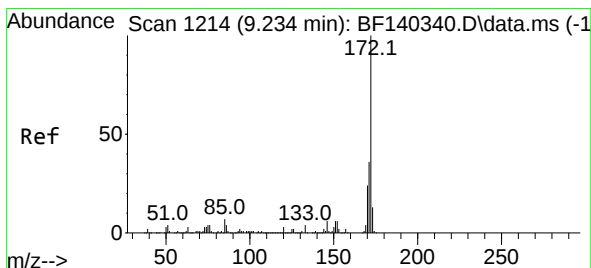
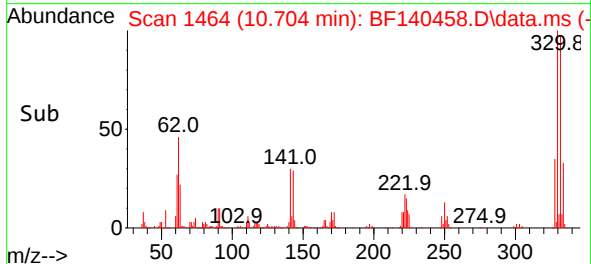
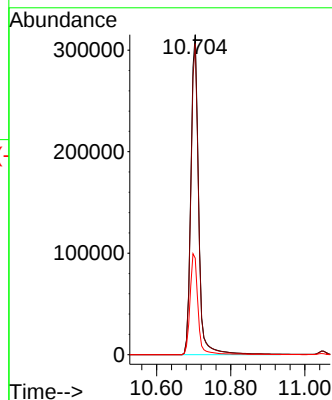
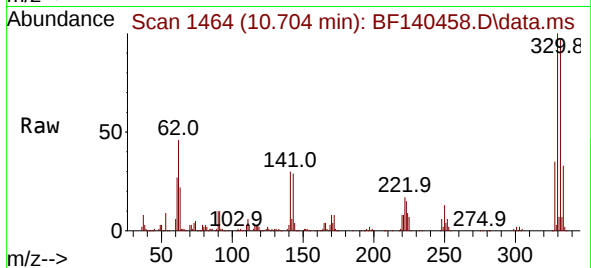
Tgt Ion:330 Resp: 459594

Ion Ratio Lower Upper

330 100

332 96.5 75.9 113.9

141 32.1 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 135.584 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140458.D

Acq: 18 Nov 2024 17:13

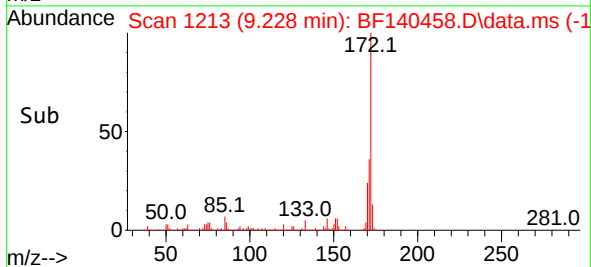
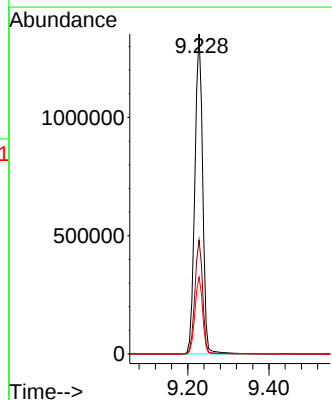
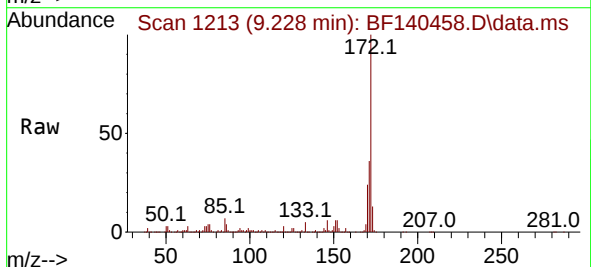
Tgt Ion:172 Resp: 1822752

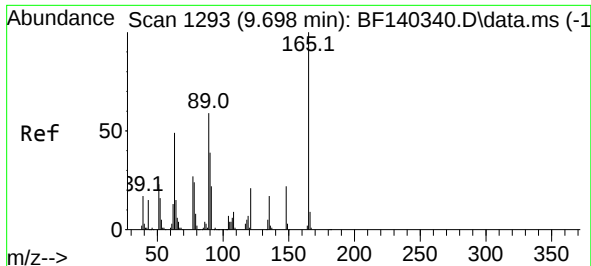
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.0 19.1 28.7

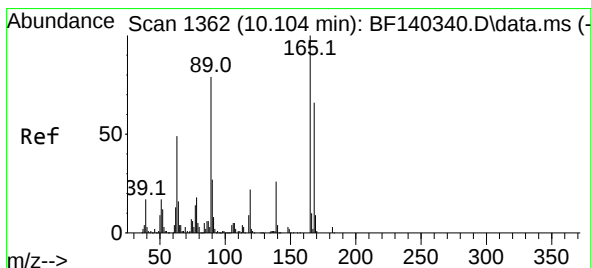
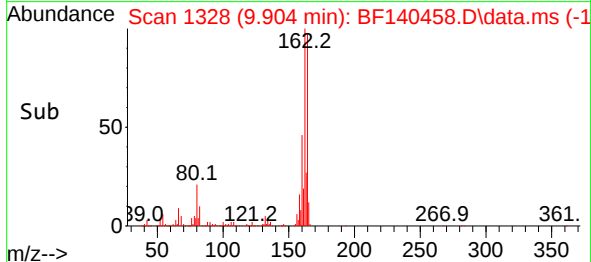
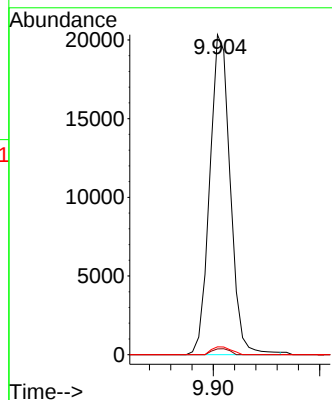
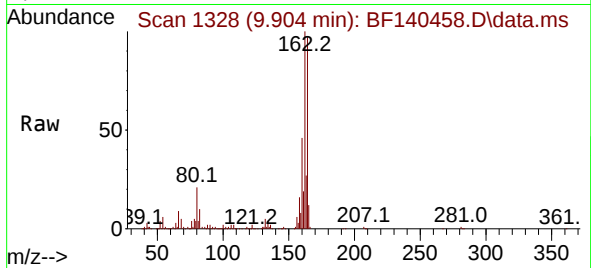




#51
2,6-Dinitrotoluene
Concen: 8.471 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

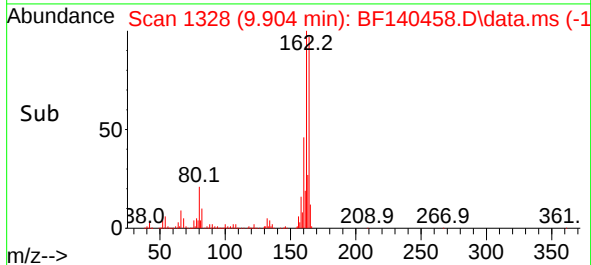
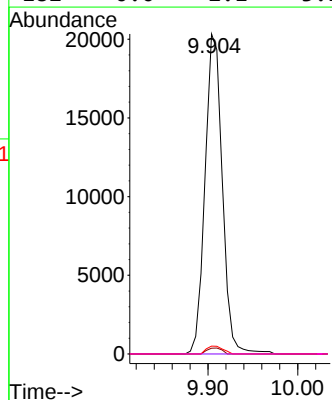
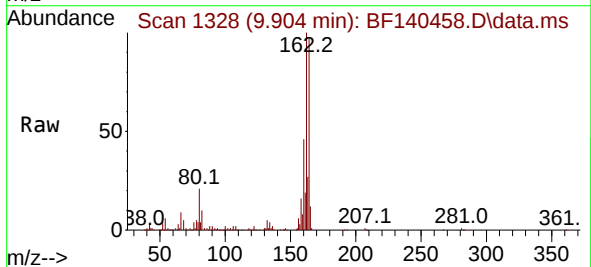
Instrument :
BNA_F
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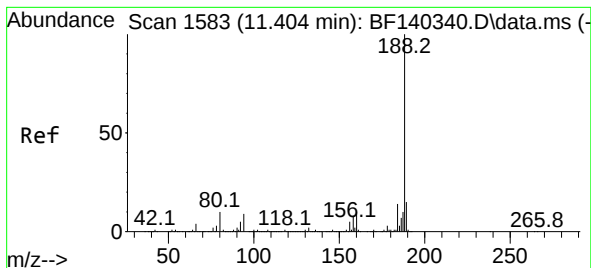
Tgt Ion:165 Resp: 27204
Ion Ratio Lower Upper
165 100
63 1.8 47.6 71.4#
89 2.5 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

Tgt Ion:165 Resp: 27257
Ion Ratio Lower Upper
165 100
63 1.8 39.4 59.0#
89 2.5 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140458.D

Acq: 18 Nov 2024 17:13

Instrument :

BNA_F

ClientSampleId :

BP-F-24RE

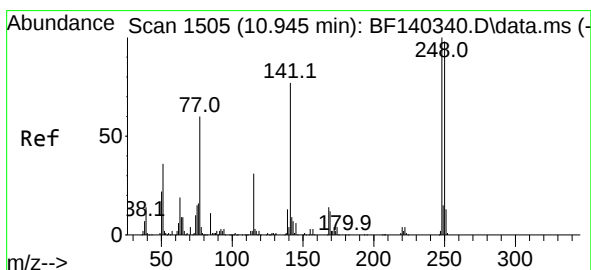
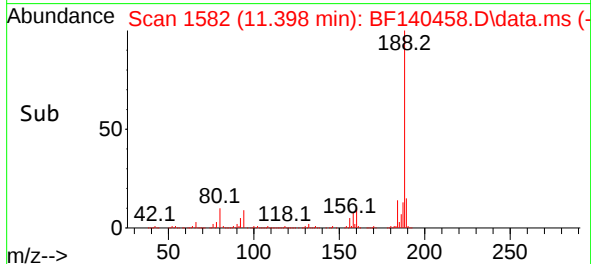
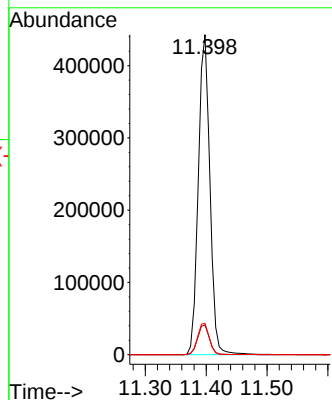
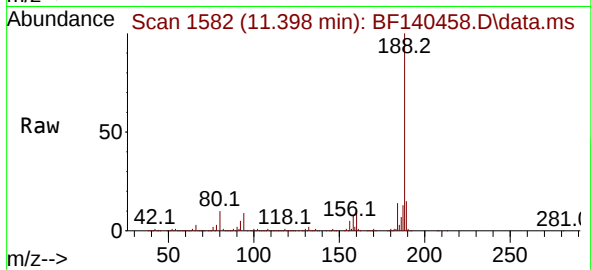
Tgt Ion:188 Resp: 585658

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.8 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 5.031 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140458.D

Acq: 18 Nov 2024 17:13

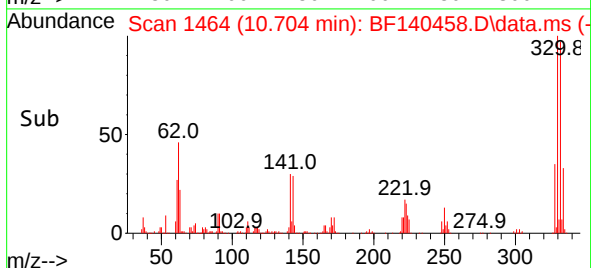
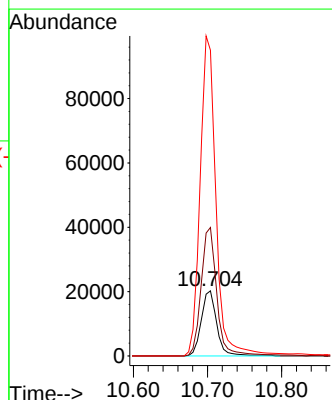
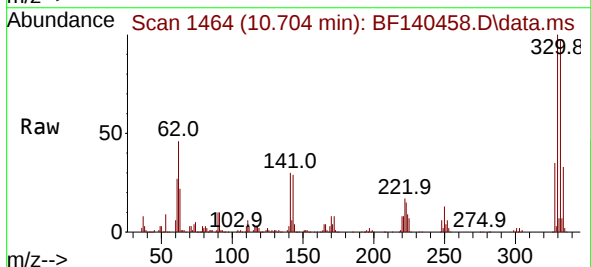
Tgt Ion:248 Resp: 29451

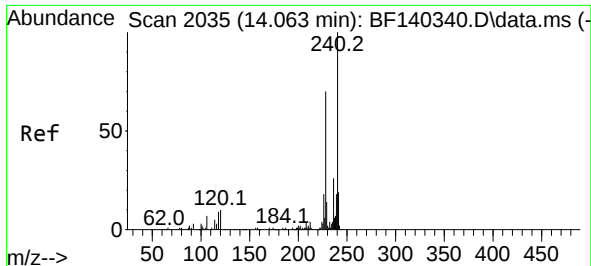
Ion Ratio Lower Upper

248 100

250 197.3 77.9 116.9#

141 469.3 61.8 92.6#

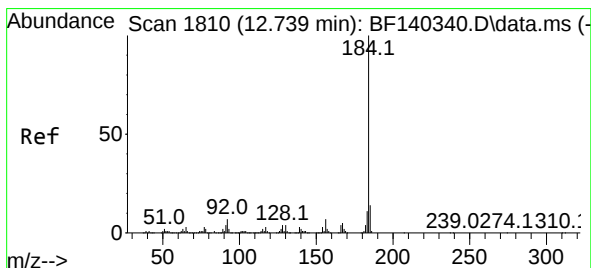
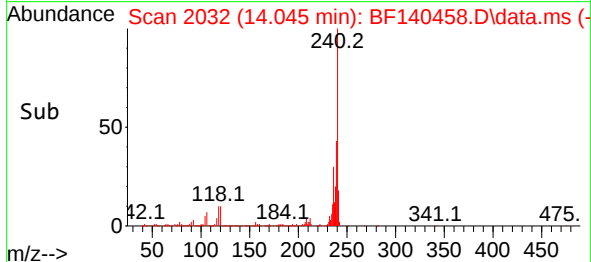
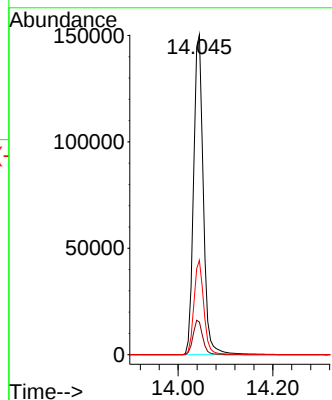
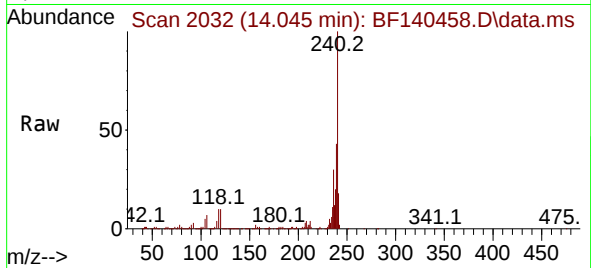




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

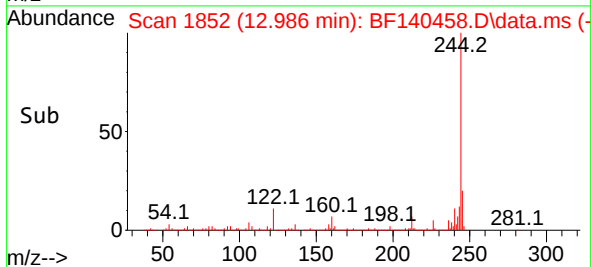
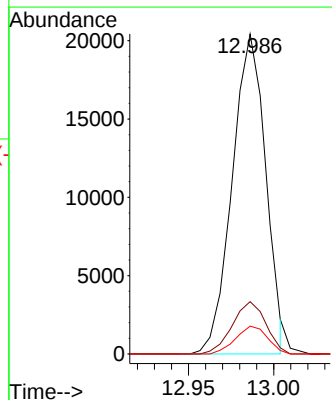
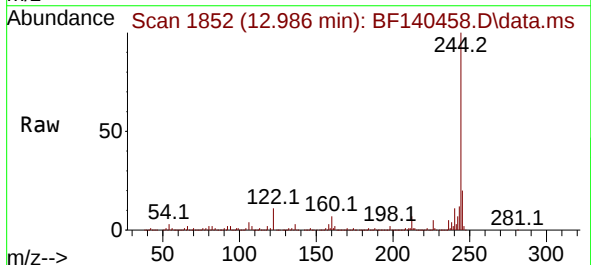
Instrument :
BNA_F
ClientSampleId :
BP-F-24RE

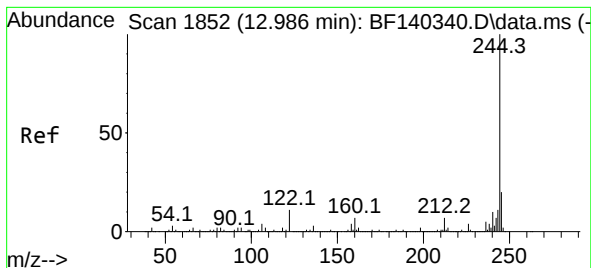
Tgt Ion:240 Resp: 214547
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 29.5 20.9 31.3



#77
Benzidine
Concen: 3.384 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140458.D
Acq: 18 Nov 2024 17:13

Tgt Ion:184 Resp: 27866
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 8.7 8.6 13.0





#79

Terphenyl-d14

Concen: 162.165 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140458.D

Acq: 18 Nov 2024 17:13

Instrument :

BNA_F

ClientSampleId :

BP-F-24RE

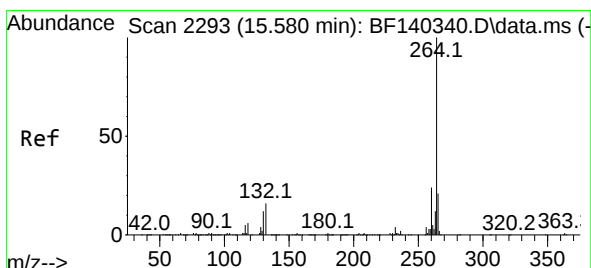
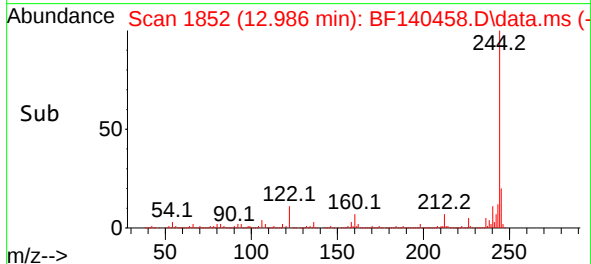
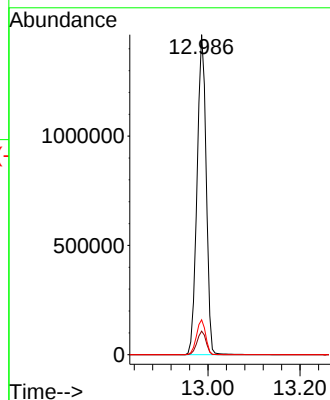
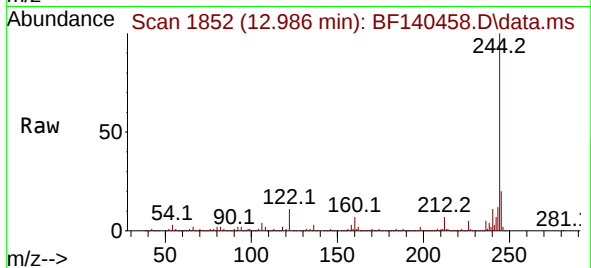
Tgt Ion:244 Resp: 2004388

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140458.D

Acq: 18 Nov 2024 17:13

Tgt Ion:264 Resp: 9953

Ion Ratio Lower Upper

264 100

260 55.8 19.2 28.8#

265 23.6 17.1 25.7

