

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140459.D
 Acq On : 18 Nov 2024 17:40
 Operator : RC/JU
 Sample : P4861-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-A-202411

Quant Time: Nov 19 00:21:32 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)

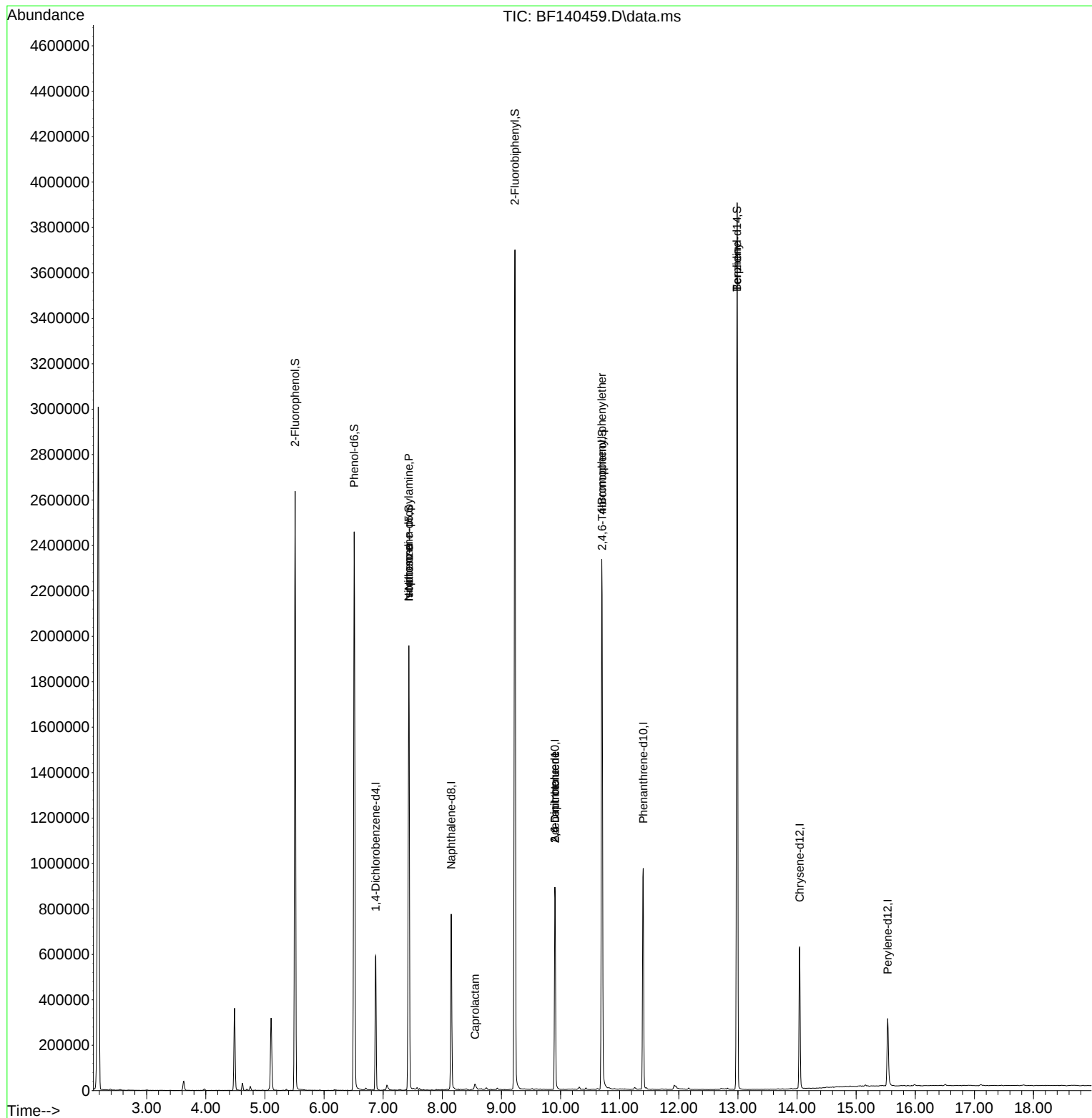
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130012	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	491807	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	276538	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	538236	20.000	ng	0.00
76) Chrysene-d12	14.045	240	315994	20.000	ng	0.00
86) Perylene-d12	15.533	264	154098	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1002968	131.715	ng	0.02
7) Phenol-d6	6.510	99	1223063	118.552	ng	0.00
23) Nitrobenzene-d5	7.434	82	948480	100.483	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	434081	157.850	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1719185	99.938	ng	0.00
79) Terphenyl-d14	12.986	244	1999313	109.825	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	128342	20.598	ng	# 77
25) Isophorone	7.434	82	936552	55.984	ng	# 67
35) Caprolactam	8.551	113	5836	2.545	ng	89
51) 2,6-Dinitrotoluene	9.904	165	35641	8.673	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	35642	6.590	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	27711	5.150	ng	# 1
77) Benzidine	12.986	184	26512	2.186	ng	# 91

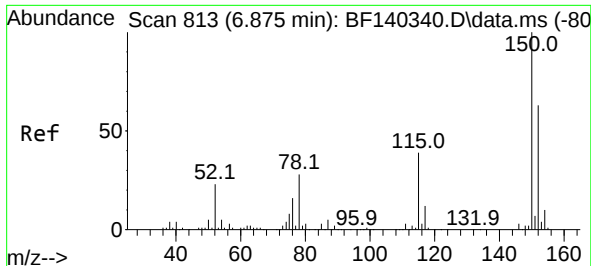
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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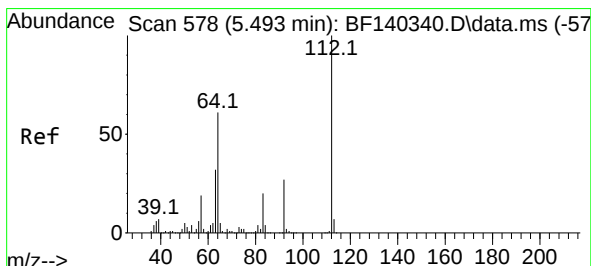
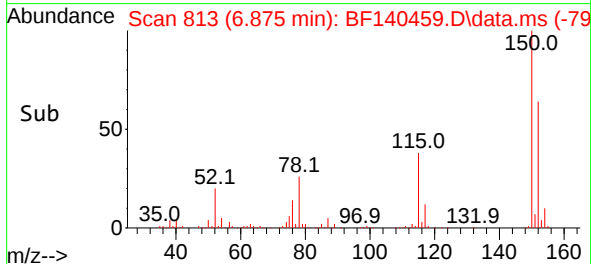
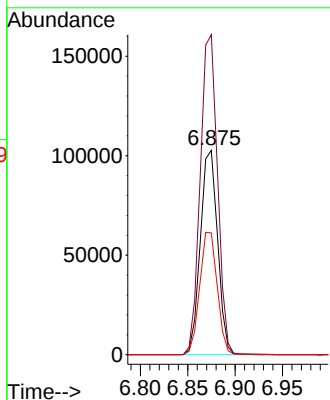
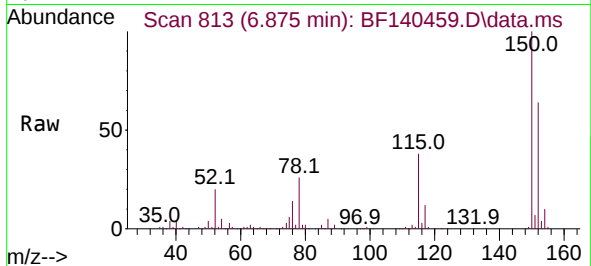




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

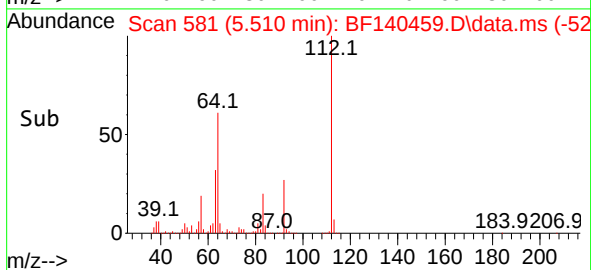
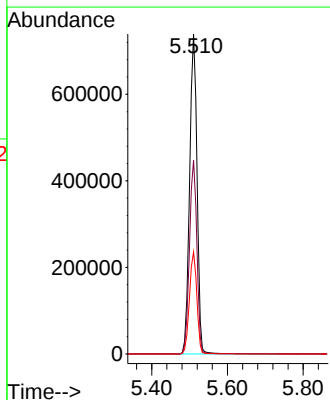
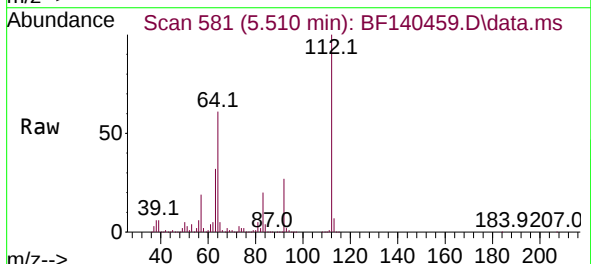
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

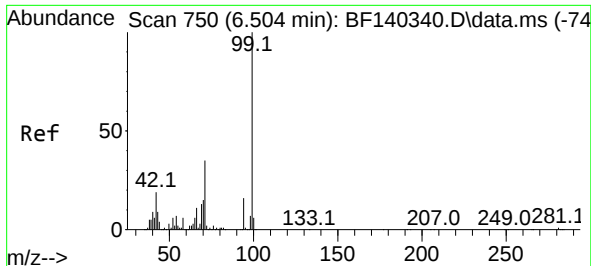
Tgt Ion:152 Resp: 130012
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 131.715 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion:112 Resp: 1002968
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 31.9 25.6 38.4

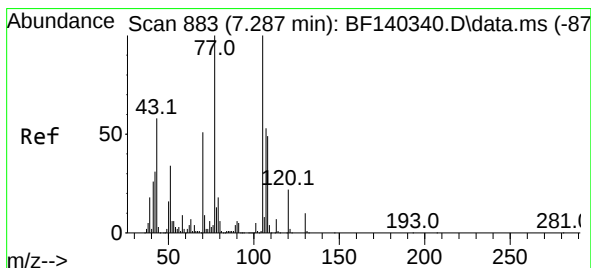
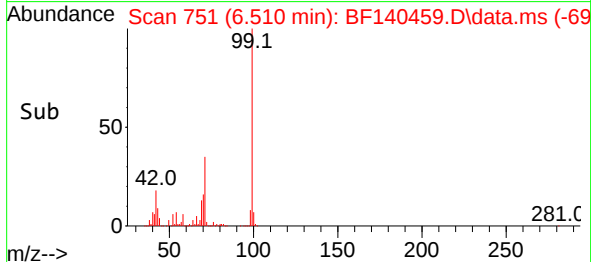
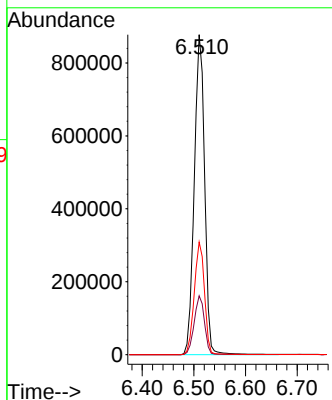
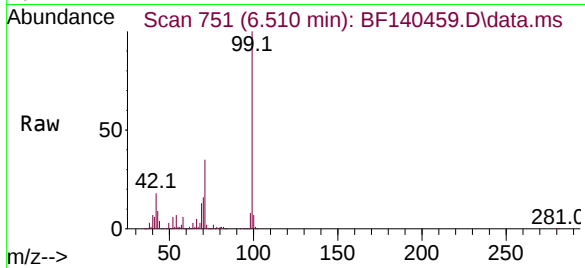




#7
Phenol-d6
Concen: 118.552 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

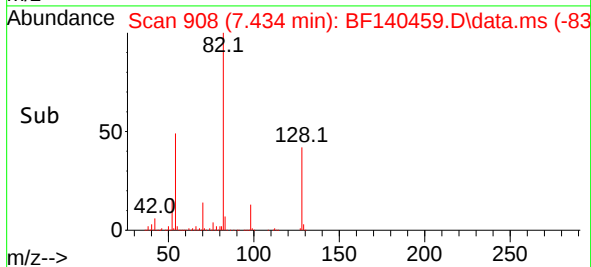
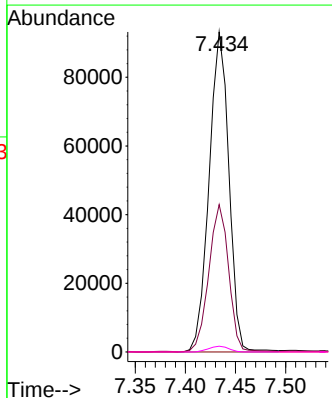
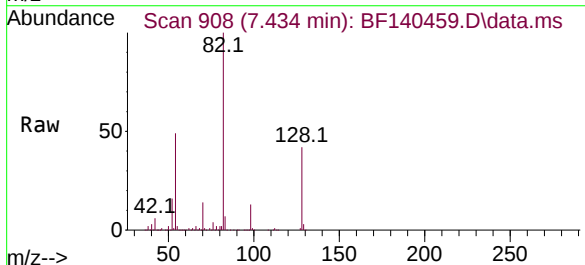
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

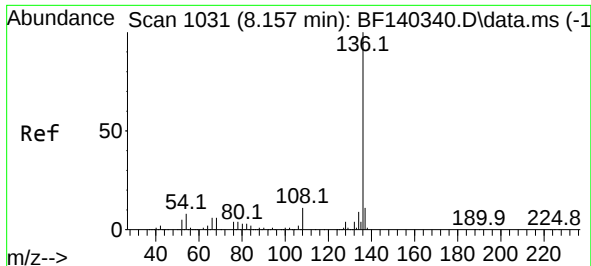
Tgt Ion: 99 Resp: 1223063
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.2 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.598 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion: 70 Resp: 128342
Ion Ratio Lower Upper
70 100
42 46.0 46.8 70.2#
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#

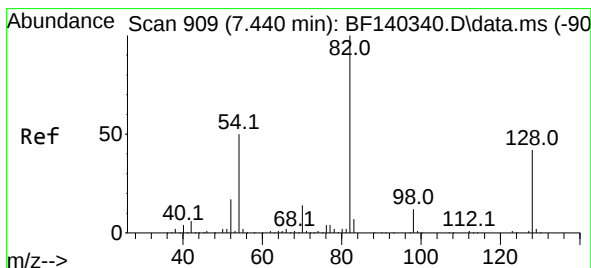
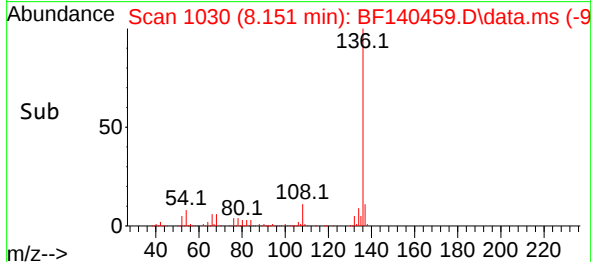
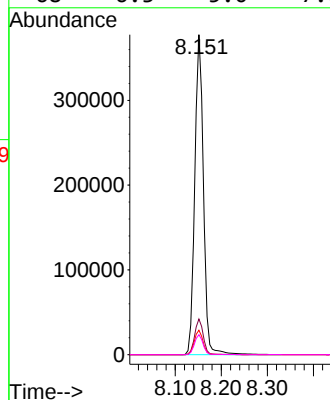
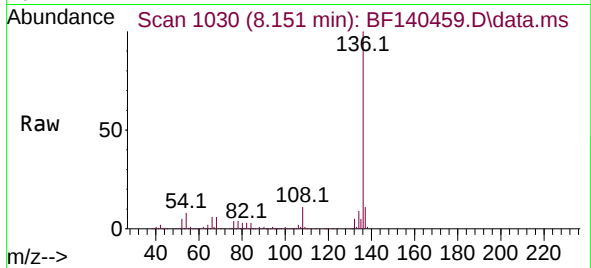




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

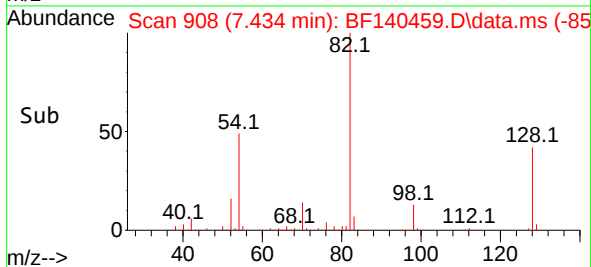
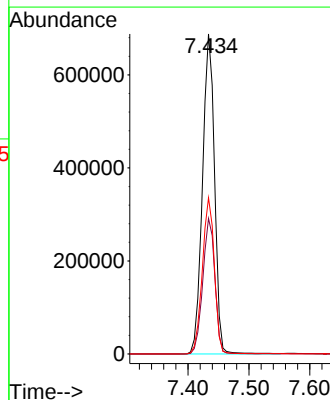
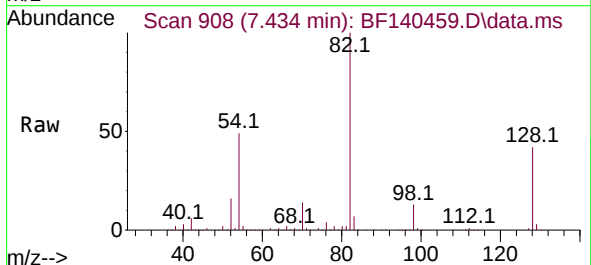
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

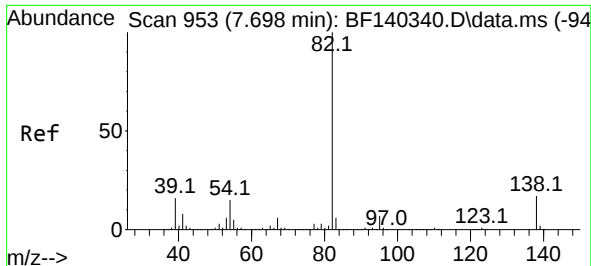
Tgt Ion:136 Resp: 491807
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.5 9.7
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 100.483 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion: 82 Resp: 948480
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 48.8 39.8 59.8

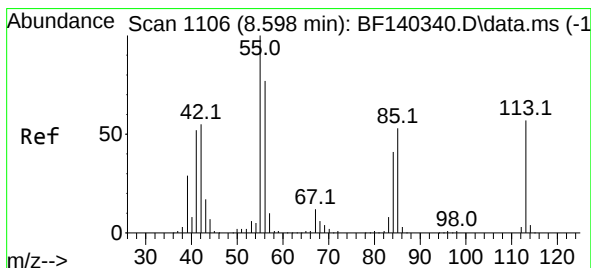
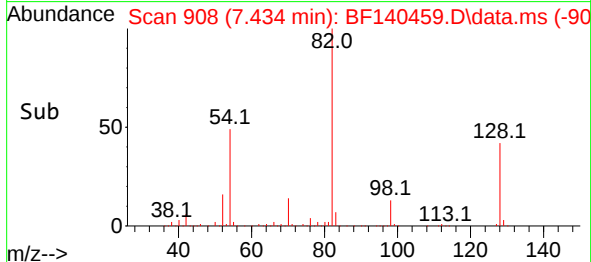
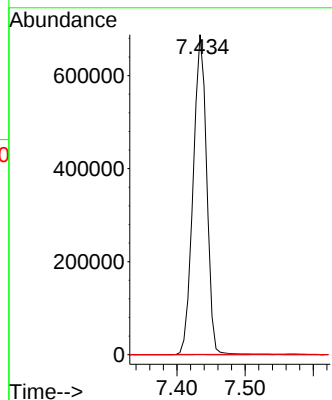
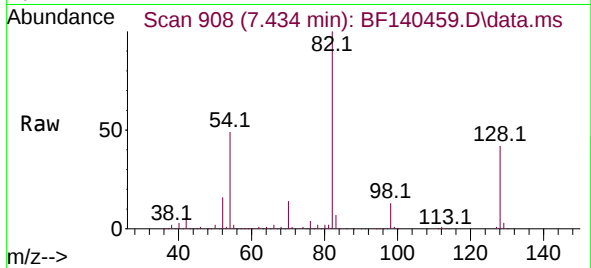




#25
Isophorone
Concen: 55.984 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

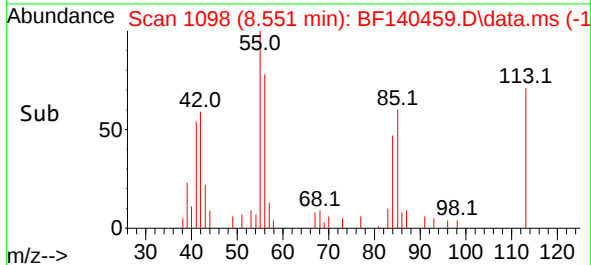
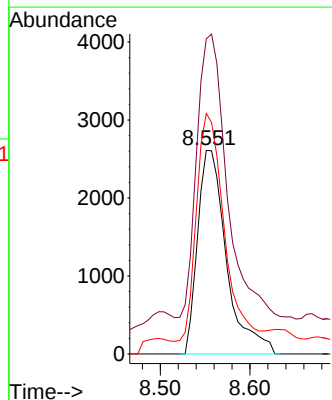
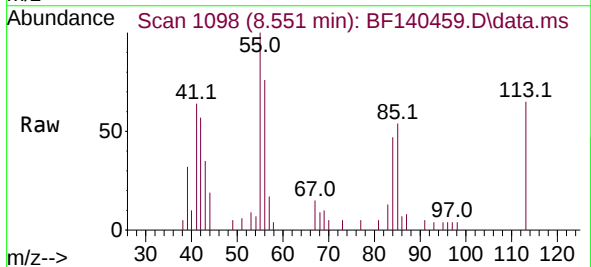
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

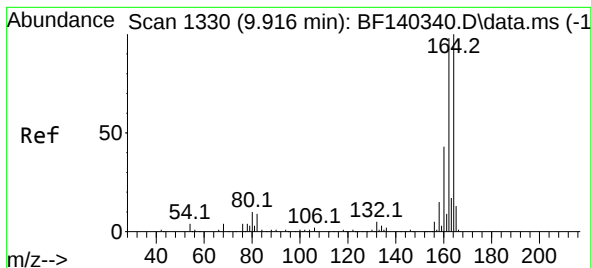
Tgt Ion: 82 Resp: 936552
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#35
Caprolactam
Concen: 2.545 ng
RT: 8.551 min Scan# 1098
Delta R.T. -0.047 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion: 113 Resp: 5836
Ion Ratio Lower Upper
113 100
55 154.8 150.0 190.0
56 118.1 111.1 151.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

WC-11-A-202411

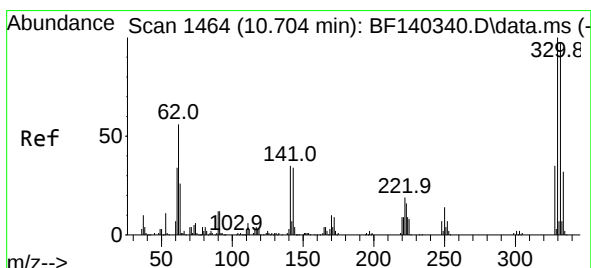
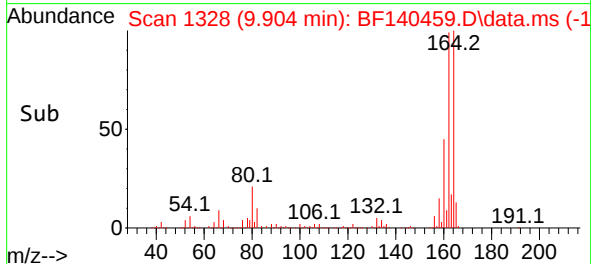
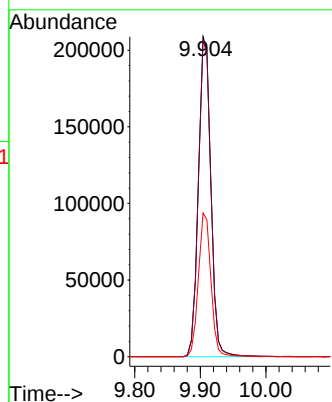
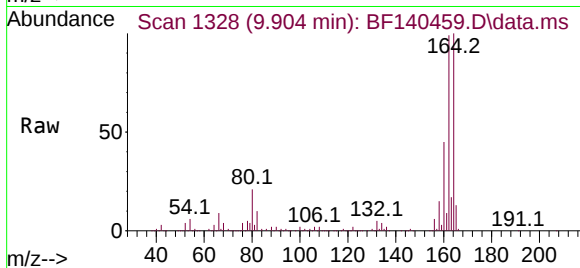
Tgt Ion:164 Resp: 276538

Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 157.850 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

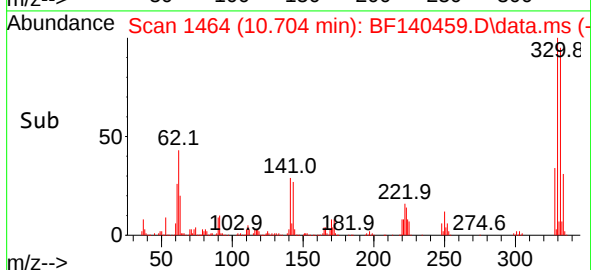
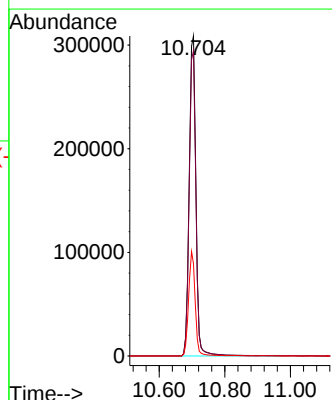
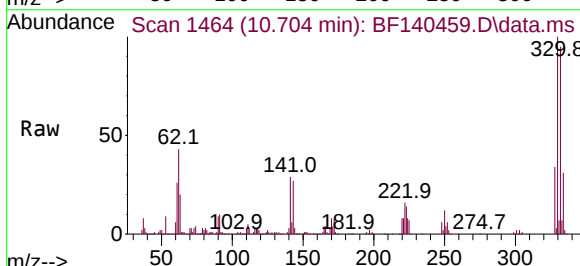
Tgt Ion:330 Resp: 434081

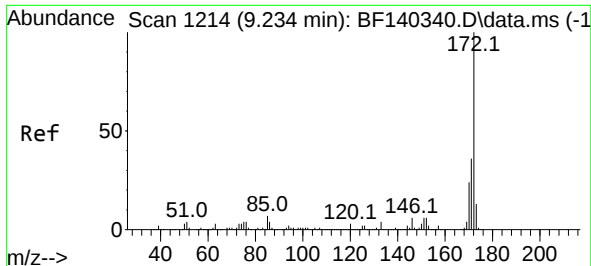
Ion Ratio Lower Upper

330 100

332 95.1 75.9 113.9

141 31.9 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 99.938 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

WC-11-A-202411

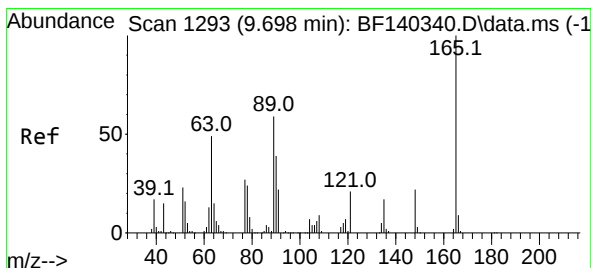
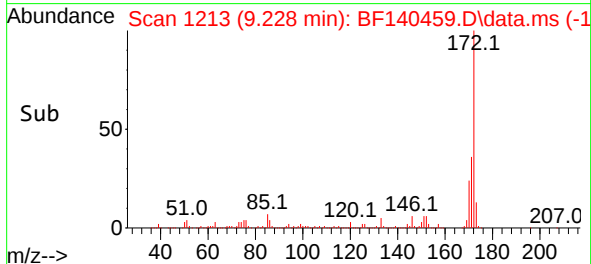
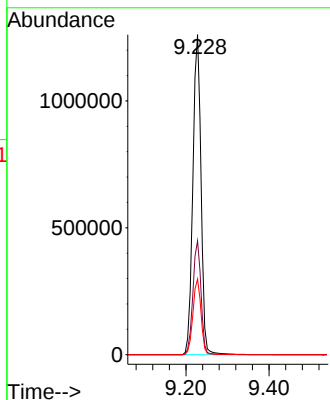
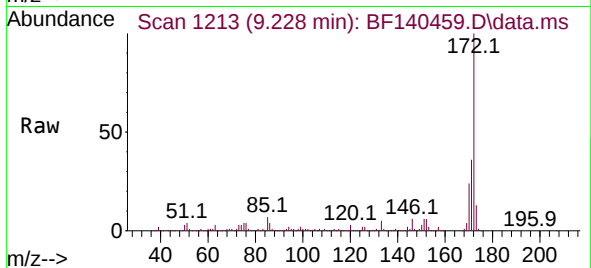
Tgt Ion:172 Resp: 1719185

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.673 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

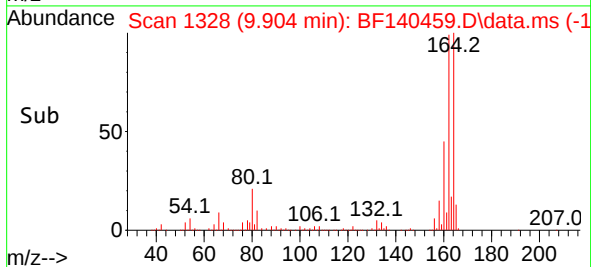
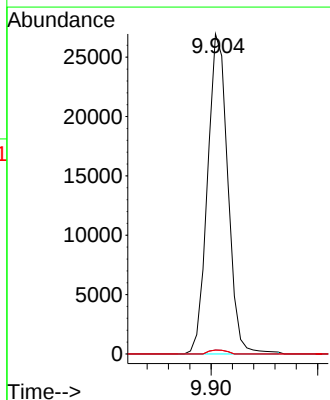
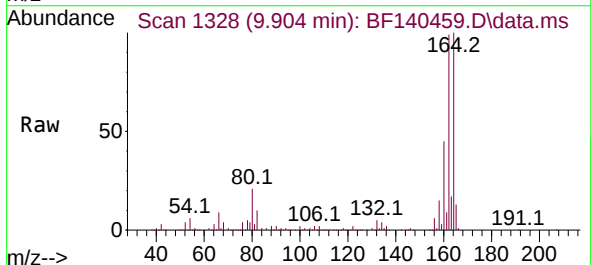
Tgt Ion:165 Resp: 35641

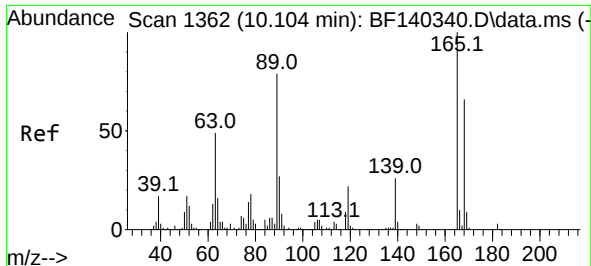
Ion Ratio Lower Upper

165 100

63 1.2 47.6 71.4#

89 1.2 48.1 72.1#

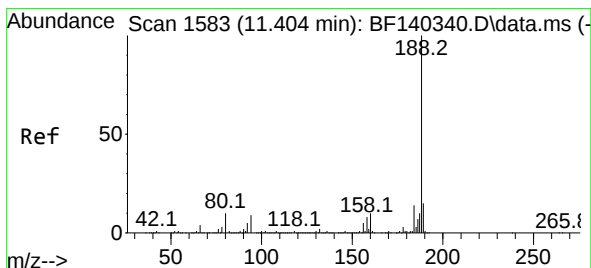
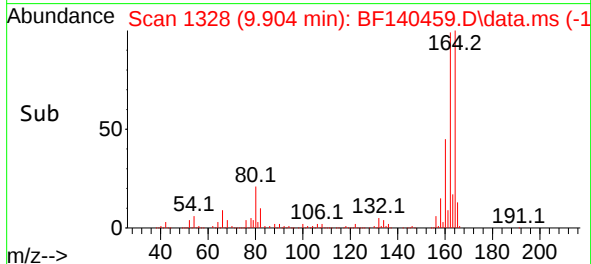
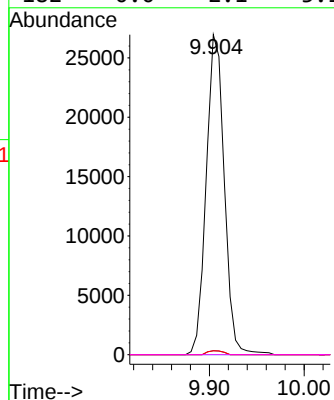
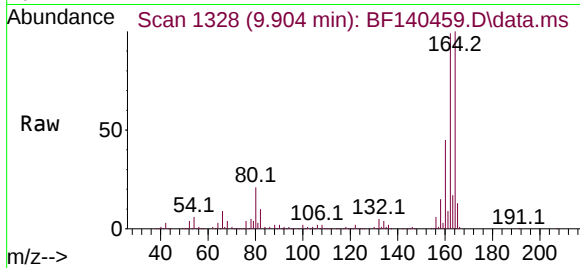




#57
2,4-Dinitrotoluene
Concen: 6.590 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

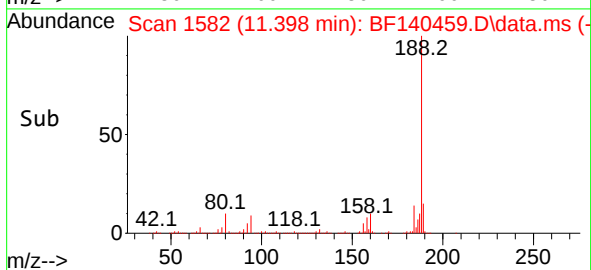
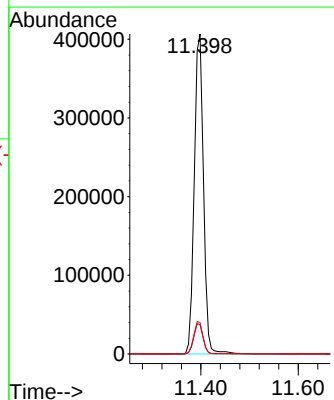
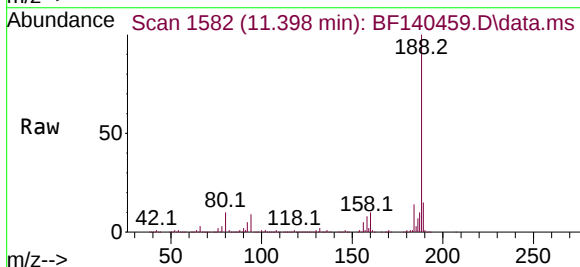
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

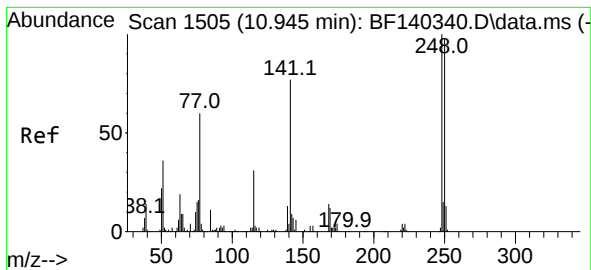
Tgt Ion:165 Resp: 35642
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion:188 Resp: 538236
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.9 8.0 12.0

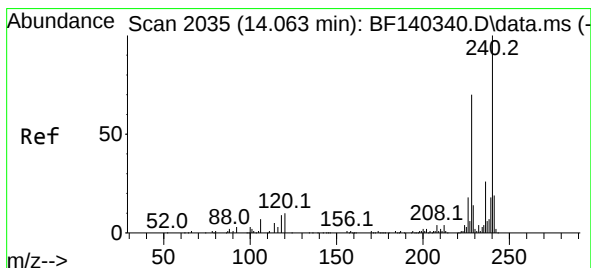
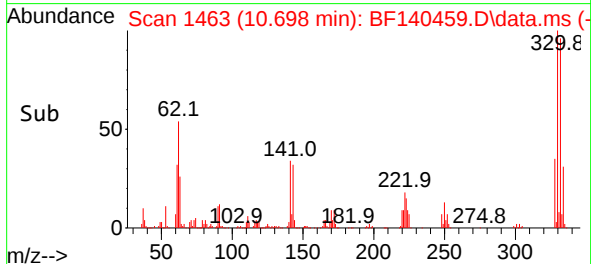
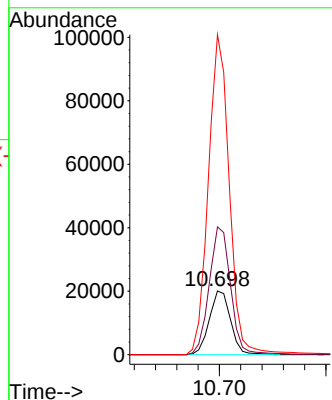
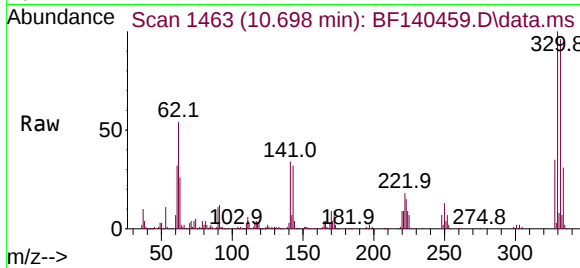




#67
4-Bromophenyl-phenylether
Concen: 5.150 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

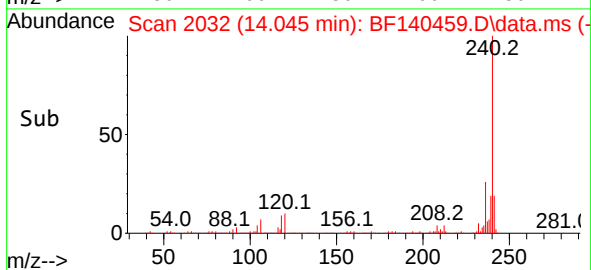
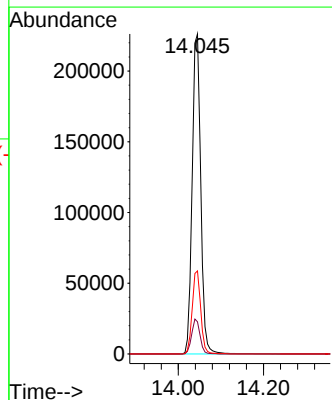
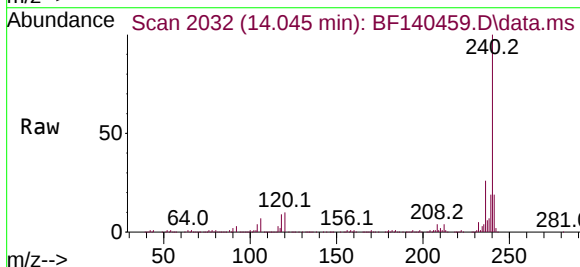
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

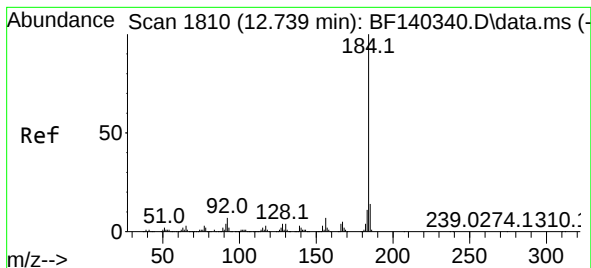
Tgt Ion:248 Resp: 27711
Ion Ratio Lower Upper
248 100
250 200.7 77.9 116.9#
141 502.6 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion:240 Resp: 315994
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 2.186 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

WC-11-A-202411

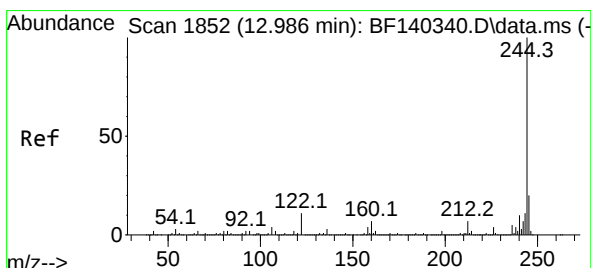
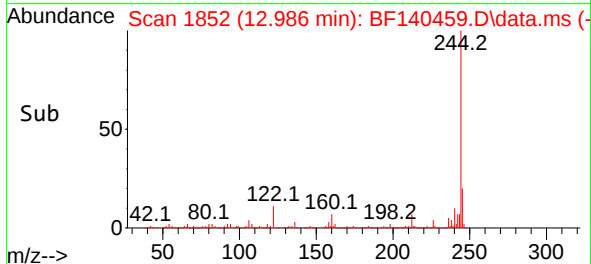
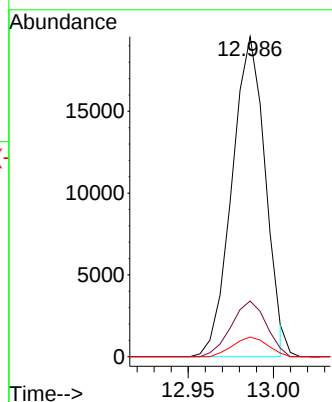
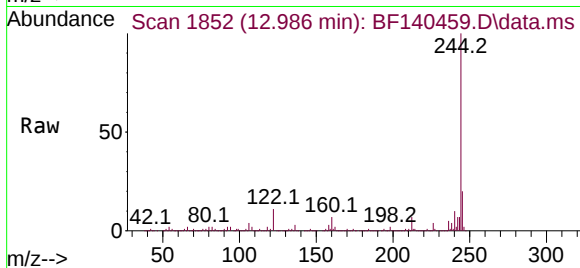
Tgt Ion:184 Resp: 26512

Ion Ratio Lower Upper

184 100

185 17.4 11.9 17.9

183 6.2 8.6 13.0#



#79

Terphenyl-d14

Concen: 109.825 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

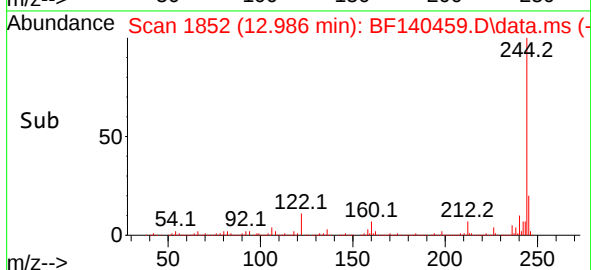
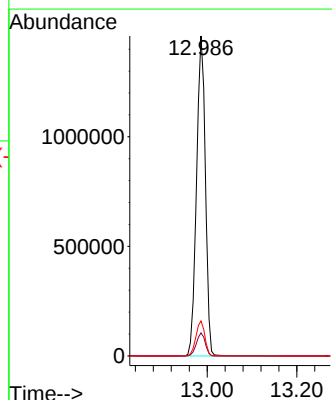
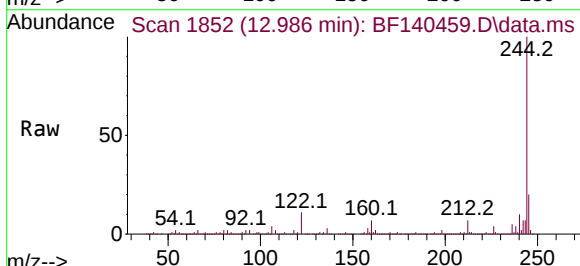
Tgt Ion:244 Resp: 1999313

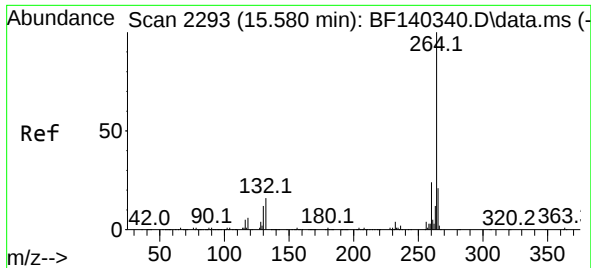
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF140459.D
 Acq: 18 Nov 2024 17:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-A-202411

Tgt Ion:264 Resp: 154098
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.2 28.8
 265 19.9 17.1 25.7

