

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140923.D
 Acq On : 19 Dec 2024 13:55
 Operator : RC/JU
 Sample : P5291-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213

Quant Time: Dec 19 14:22:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

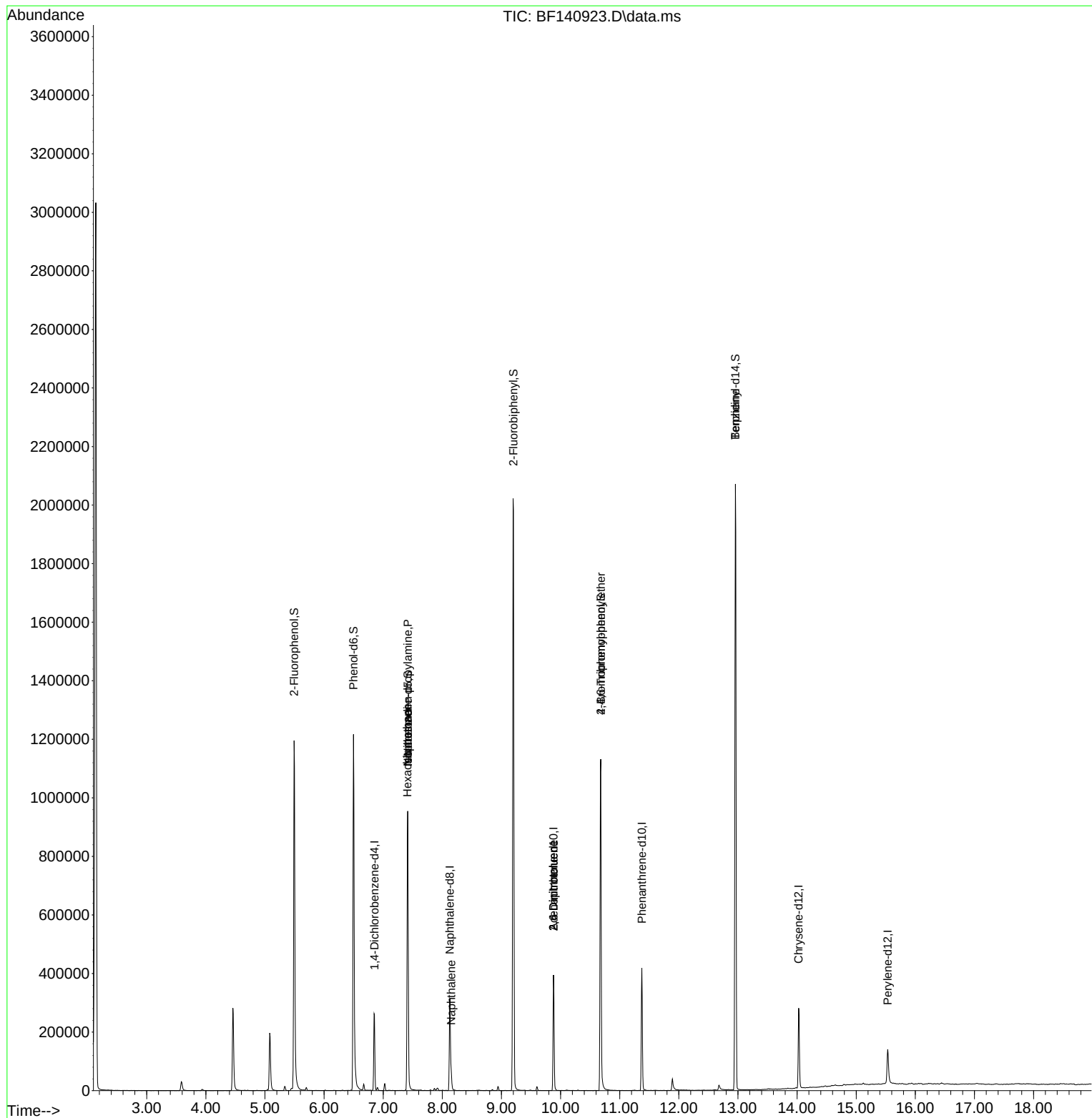
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	61223	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	208045	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120608	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	226789	20.000	ng	0.00
76) Chrysene-d12	14.027	240	146502	20.000	ng	0.00
86) Perylene-d12	15.533	264	54946	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509088	136.885	ng	0.00
7) Phenol-d6	6.498	99	642105	130.351	ng	0.00
23) Nitrobenzene-d5	7.416	82	464541	111.714	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	222546	156.014	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	971262	110.717	ng	0.00
79) Terphenyl-d14	12.957	244	1053711	113.416	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.410	117	4043	2.315	ng	# 3
19) n-Nitroso-di-n-propyla...	7.416	70	60272	20.398	ng	# 76
25) Isophorone	7.416	82	460864	66.145	ng	# 65
31) Naphthalene	8.151	128	40824	3.572	ng	# 98
51) 2,6-Dinitrotoluene	9.880	165	16017	8.240	ng	# 20
57) 2,4-Dinitrotoluene	9.880	165	16017	6.262	ng	# 14
67) 4-Bromophenyl-phenylether	10.680	248	13769	5.427	ng	# 1
77) Benzidine	12.957	184	13701	4.582	ng	# 94

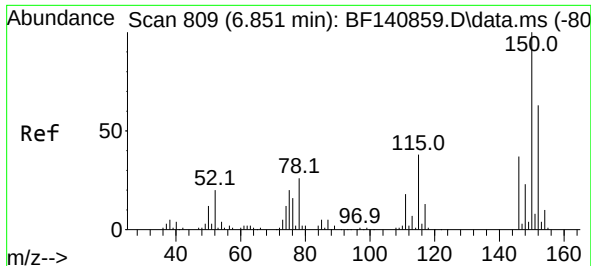
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-20241213

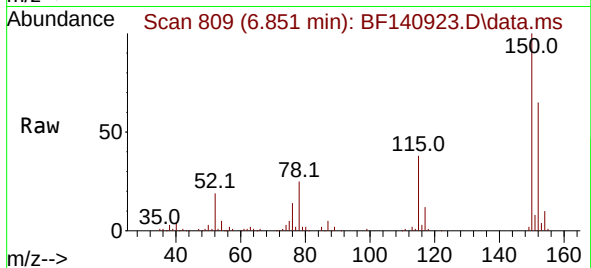
Quant Time: Dec 19 14:22:52 2024
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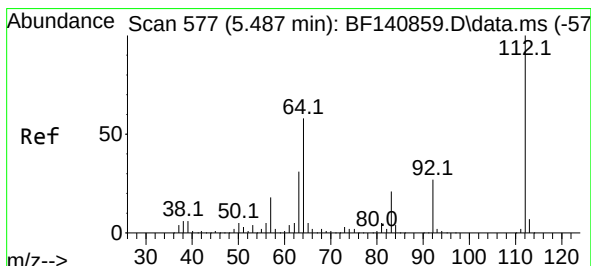
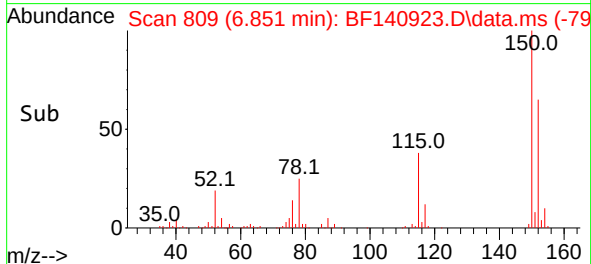
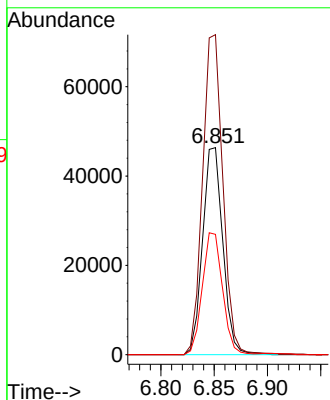


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Instrument :
BNA_F
ClientSampleId :
WC-20241213

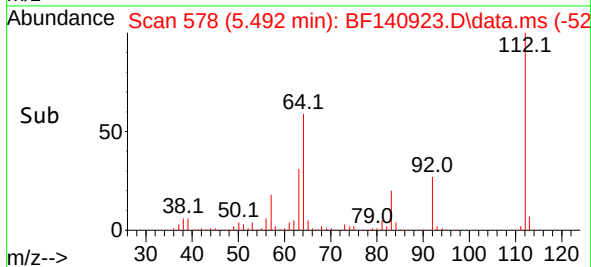
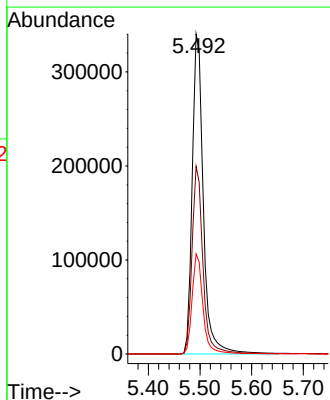
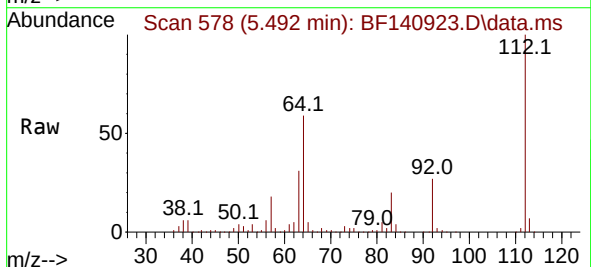


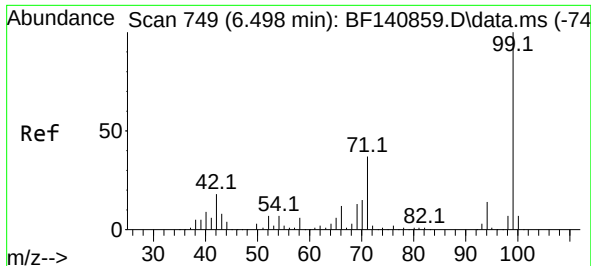
Tgt Ion:152 Resp: 61223
Ion Ratio Lower Upper
152 100
150 154.6 127.9 191.9
115 58.1 48.0 72.0



#5
2-Fluorophenol
Concen: 136.885 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:112 Resp: 509088
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 31.3 24.9 37.3





#7

Phenol-d6

Concen: 130.351 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

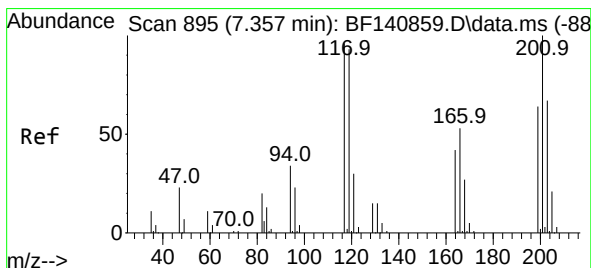
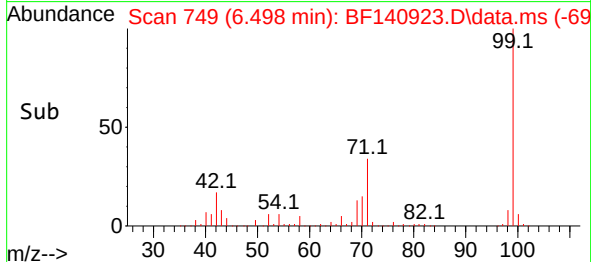
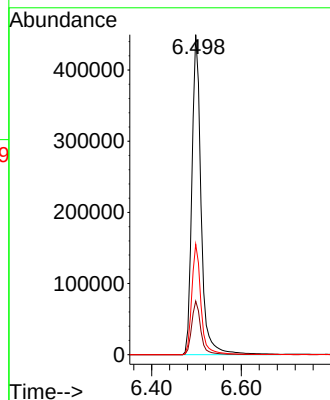
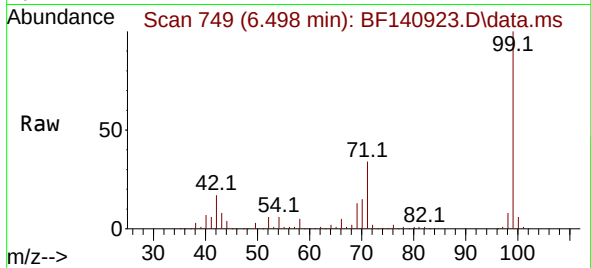
Tgt Ion: 99 Resp: 642105

Ion Ratio Lower Upper

99 100

42 16.8 14.3 21.5

71 34.5 29.9 44.9



#18

Hexachloroethane

Concen: 2.315 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.053 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

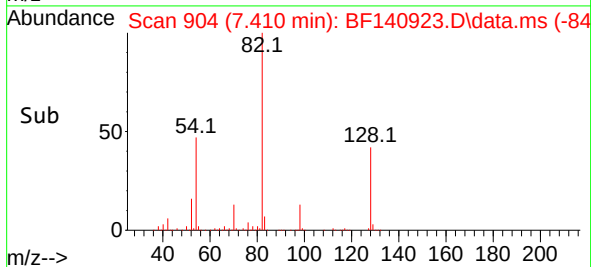
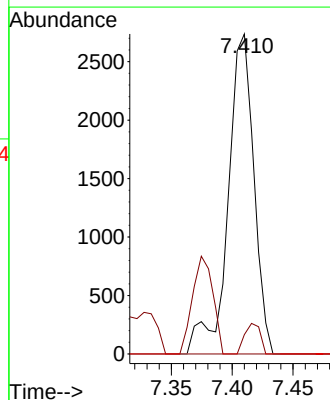
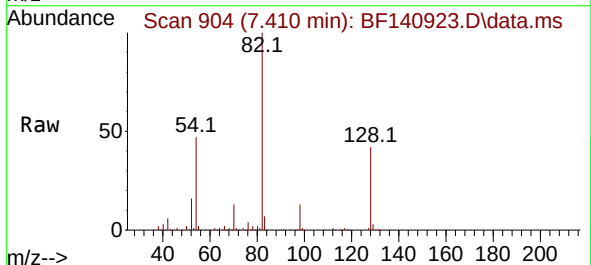
Tgt Ion: 117 Resp: 4043

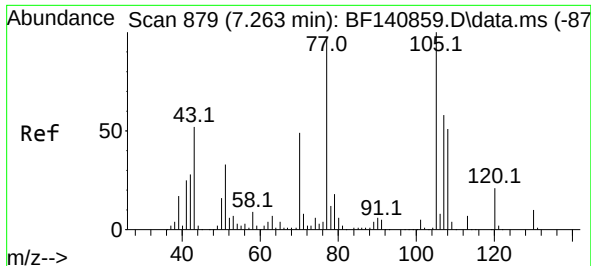
Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

201 0.0 83.4 125.0#





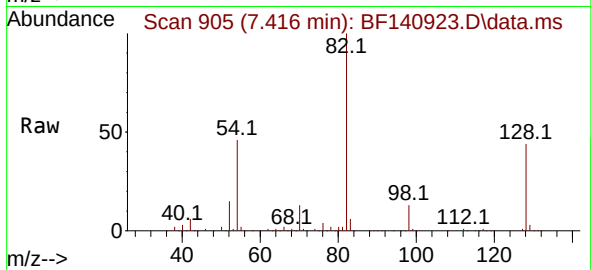
#19
n-Nitroso-di-n-propylamine
Concen: 20.398 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Instrument :

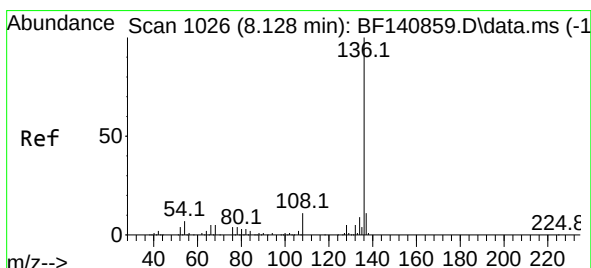
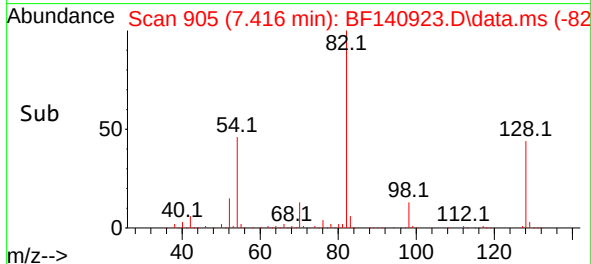
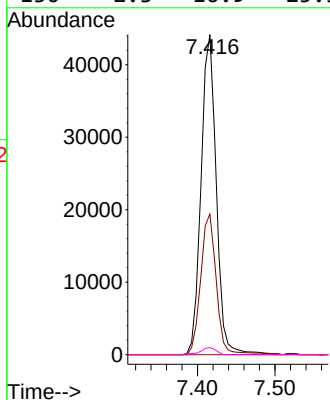
BNA_F

ClientSampleId :

WC-20241213

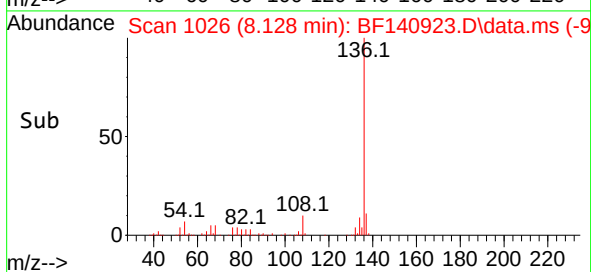
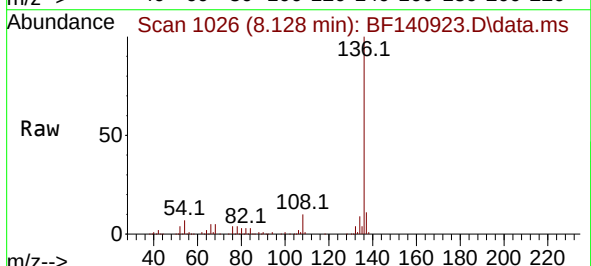
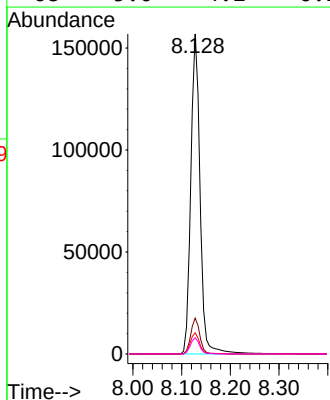


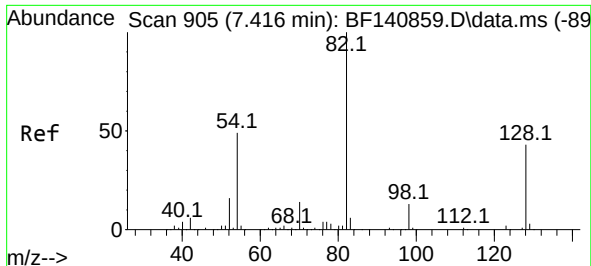
Tgt Ion: 70 Resp: 60272
Ion Ratio Lower Upper
70 100
42 43.9 45.3 67.9#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion: 136 Resp: 208045
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.6 5.6 8.4
68 5.0 4.2 6.2

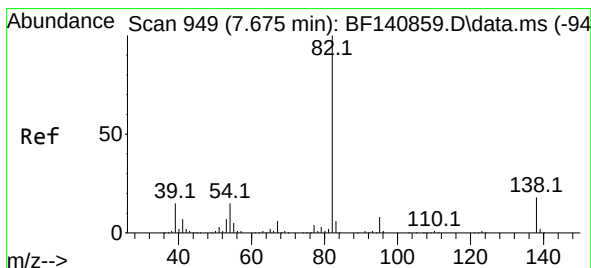
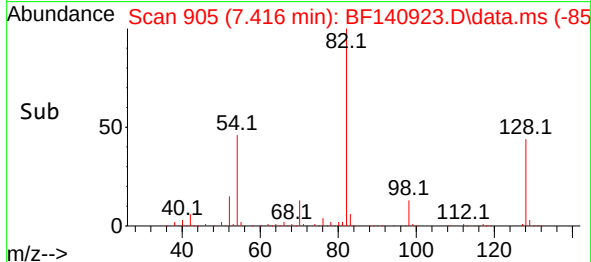
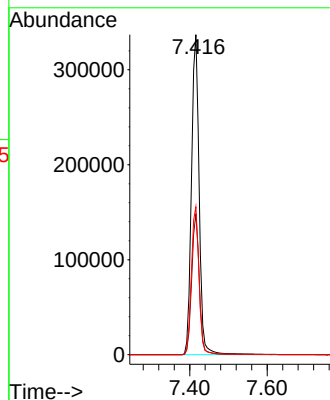
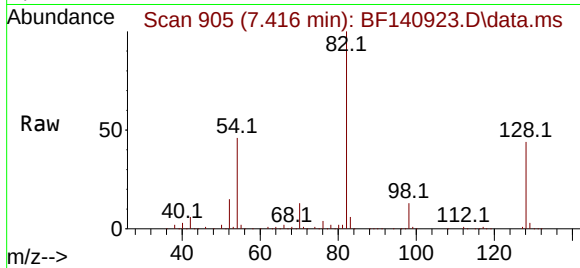




#23
Nitrobenzene-d5
Concen: 111.714 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

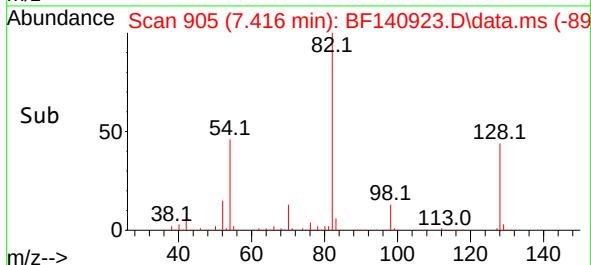
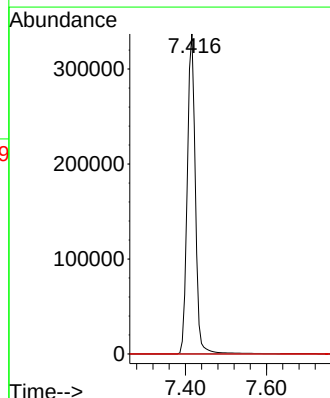
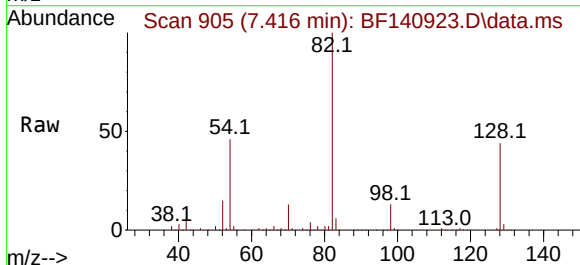
Instrument :
BNA_F
ClientSampleId :
WC-20241213

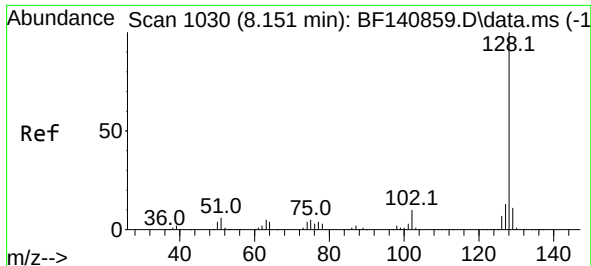
Tgt Ion: 82 Resp: 464541
Ion Ratio Lower Upper
82 100
128 44.0 34.4 51.6
54 46.2 38.8 58.2



#25
Isophorone
Concen: 66.145 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion: 82 Resp: 460864
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#

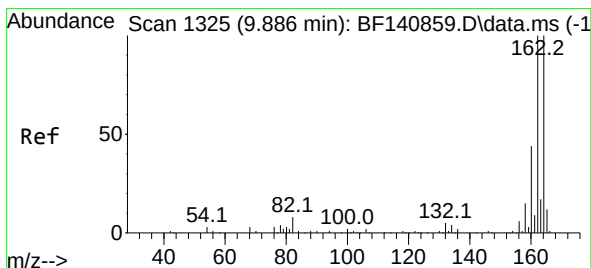
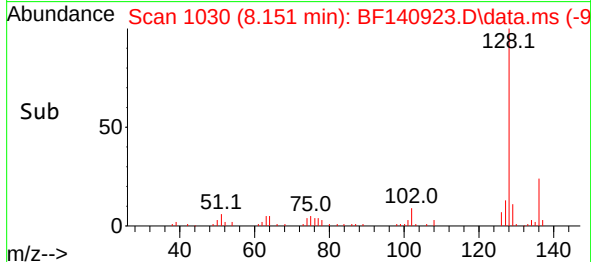
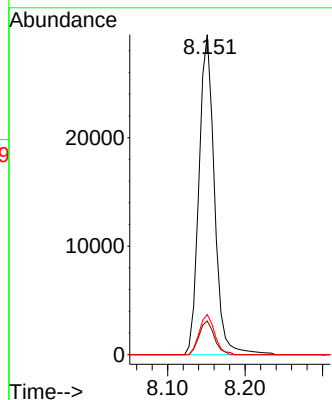
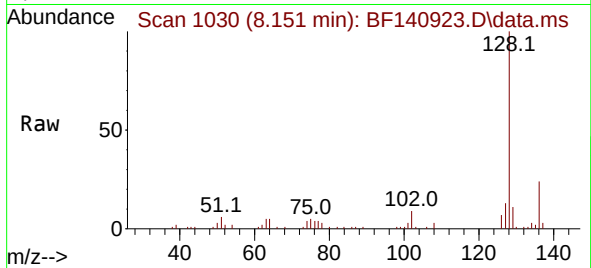




#31
Naphthalene
Concen: 3.572 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

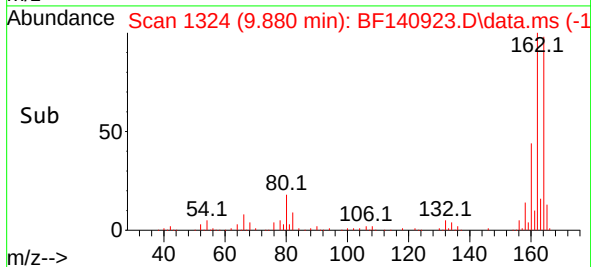
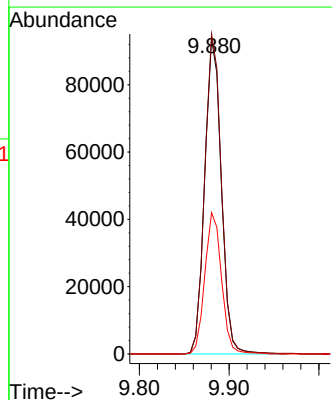
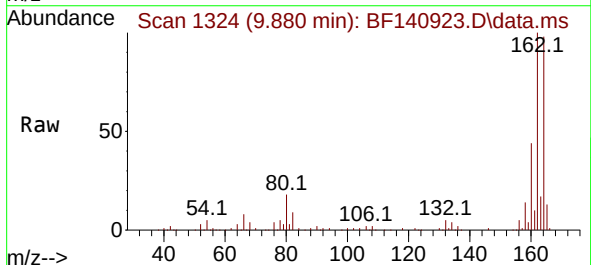
Instrument :
BNA_F
ClientSampleId :
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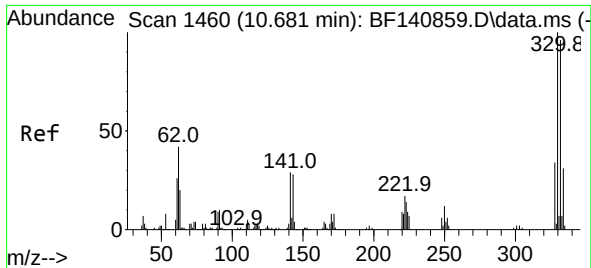
Tgt Ion:	128	Resp:	40824
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.5	10.6	16.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

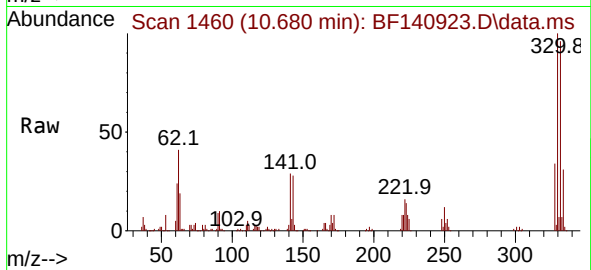
Tgt Ion:	164	Resp:	120608
Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	44.8	35.2	52.8



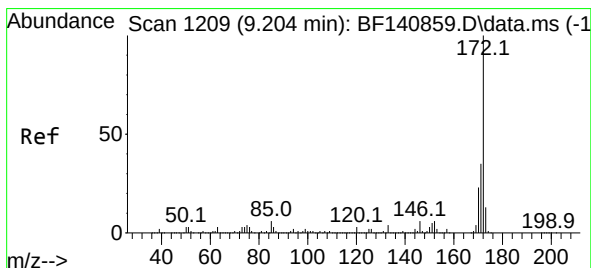
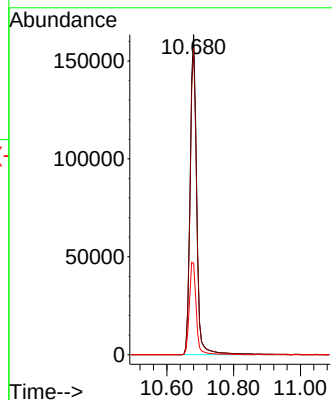
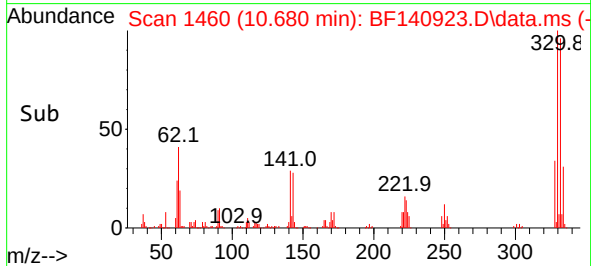


#42
2,4,6-Tribromophenol
Concen: 156.014 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Instrument :
BNA_F
ClientSampleId :
WC-20241213

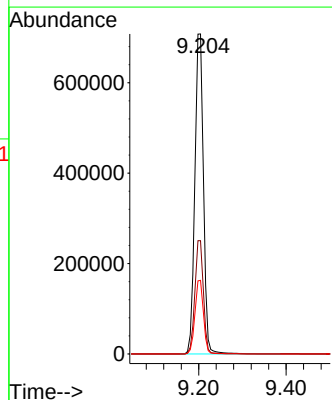
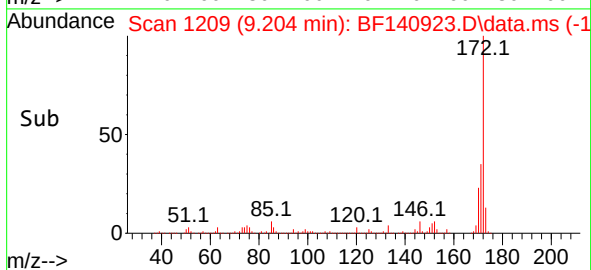
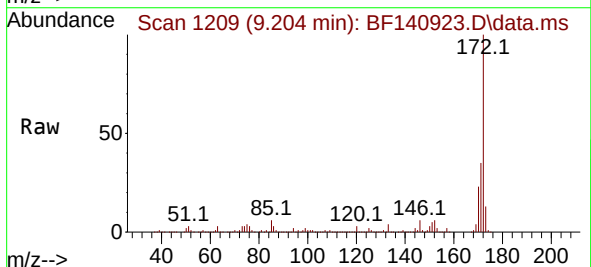


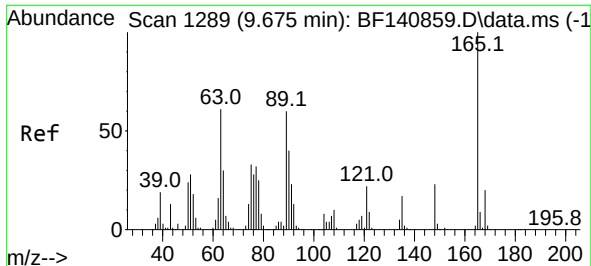
Tgt Ion:330 Resp: 222546
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 30.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 110.717 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:172 Resp: 971262
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.0 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 8.240 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

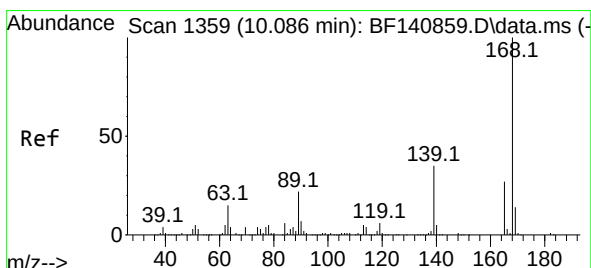
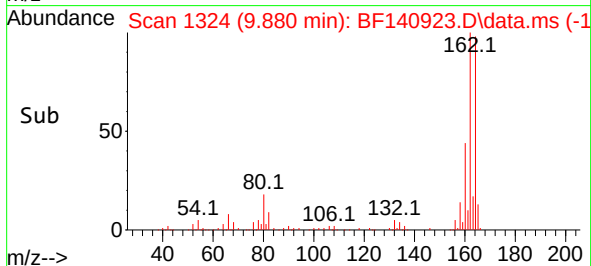
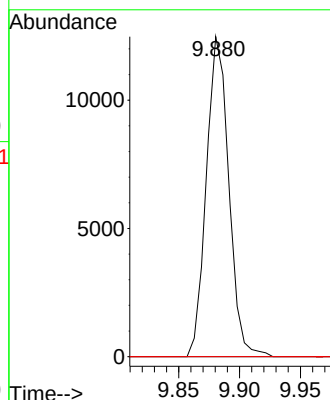
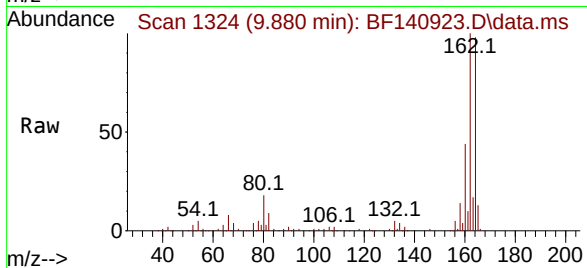
Tgt Ion:165 Resp: 16017

Ion Ratio Lower Upper

165 100

63 0.0 49.7 74.5#

89 0.0 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 6.262 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Tgt Ion:165 Resp: 16017

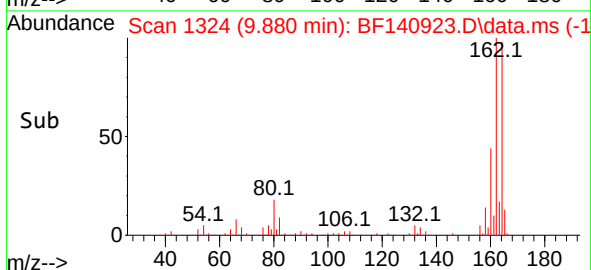
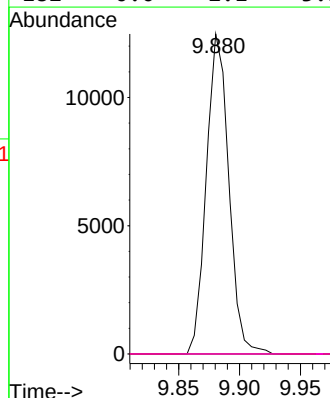
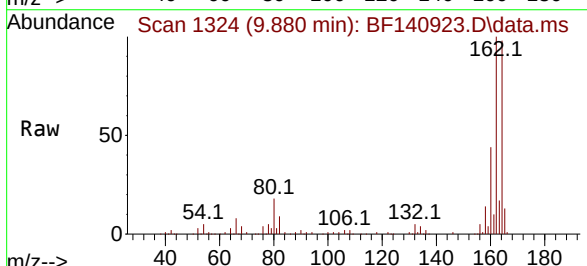
Ion Ratio Lower Upper

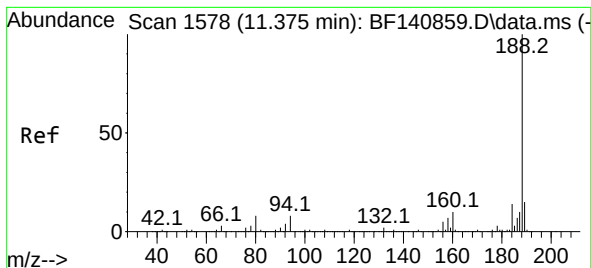
165 100

63 0.0 49.3 73.9#

89 0.0 66.2 99.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

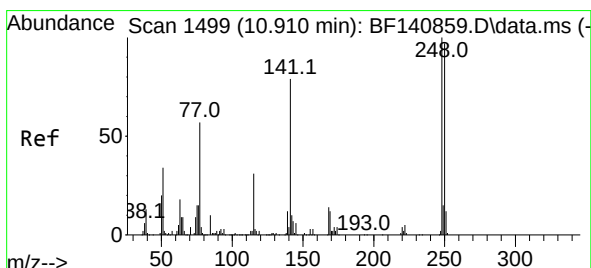
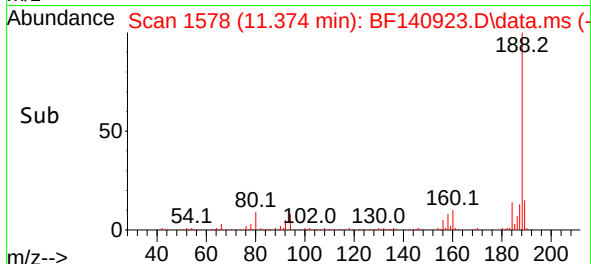
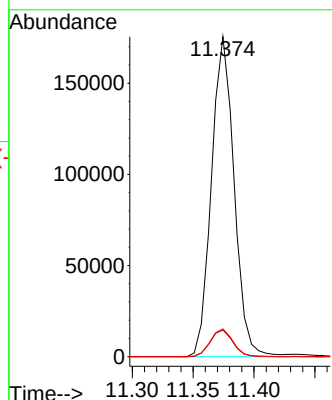
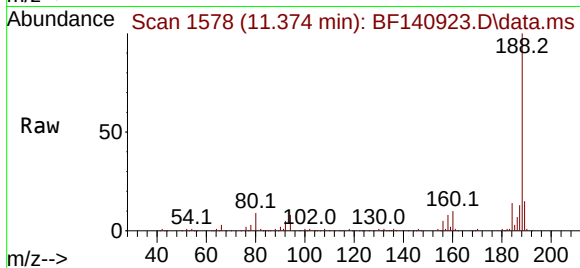
Tgt Ion:188 Resp: 226789

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.7 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 5.427 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.230 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

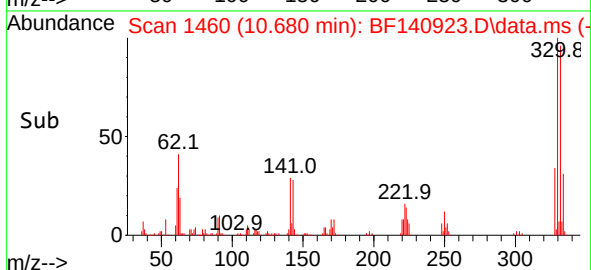
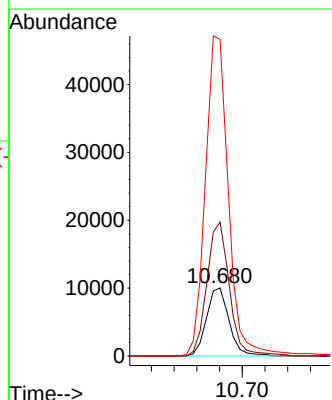
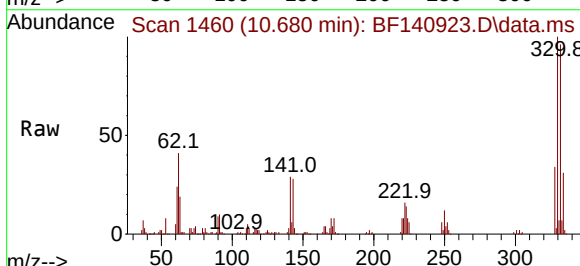
Tgt Ion:248 Resp: 13769

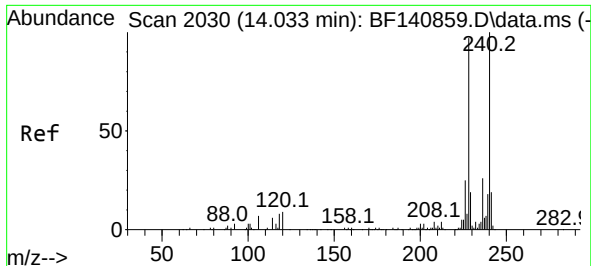
Ion Ratio Lower Upper

248 100

250 197.1 77.4 116.2#

141 466.0 62.9 94.3#

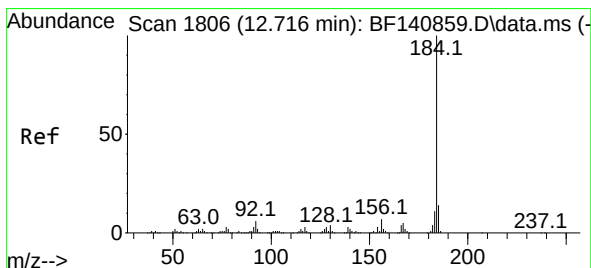
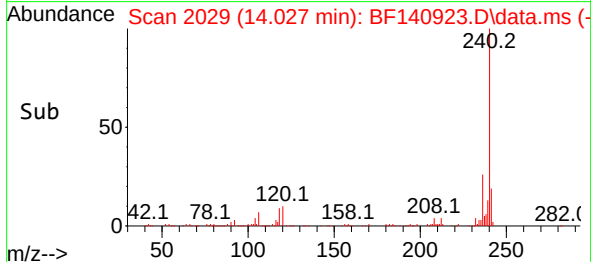
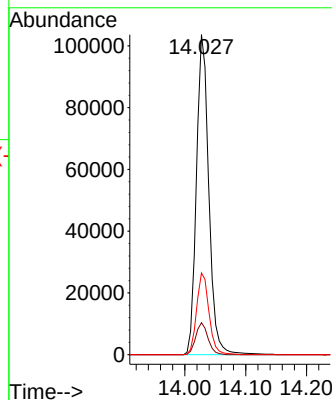
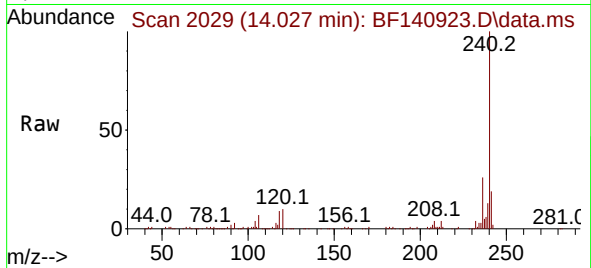




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

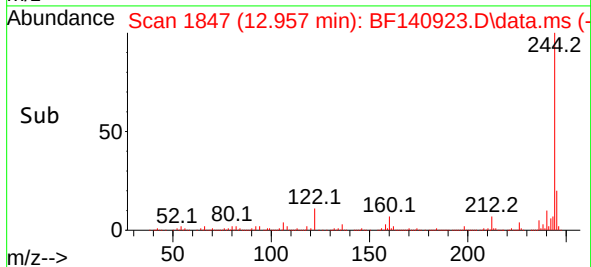
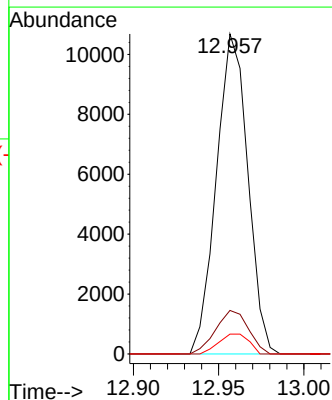
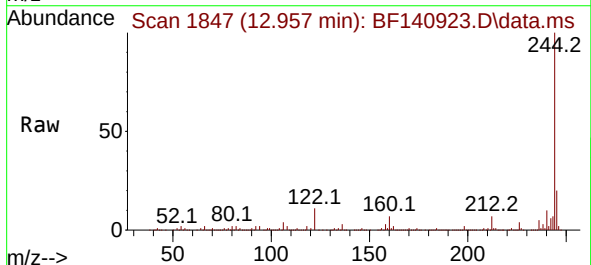
Instrument :
BNA_F
ClientSampleId :
WC-20241213

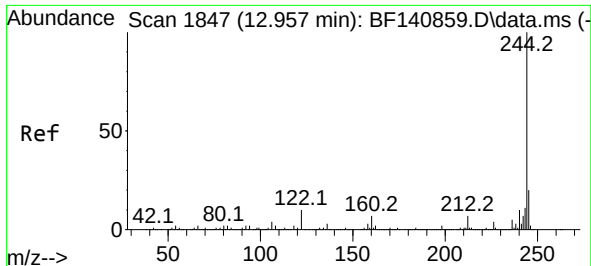
Tgt Ion:240 Resp: 146502
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.6 20.5 30.7



#77
Benzidine
Concen: 4.582 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:184 Resp: 13701
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 6.2 9.0 13.4#

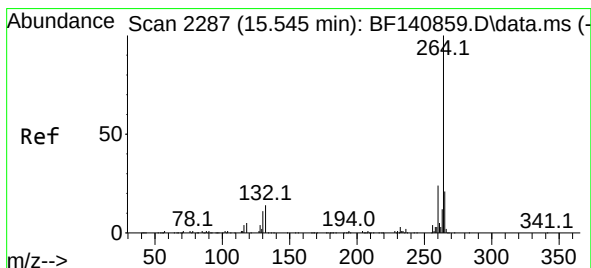
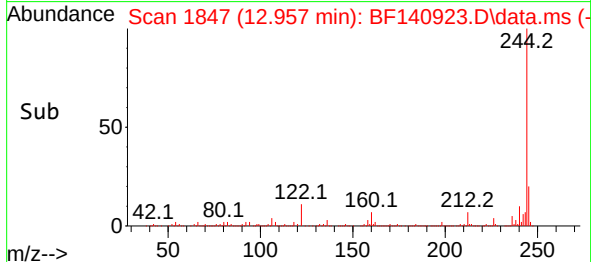
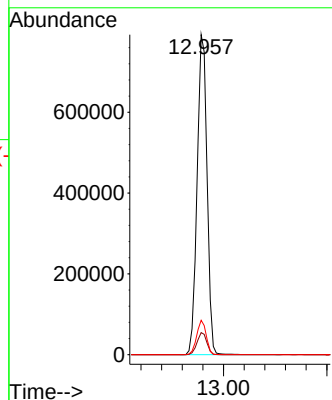
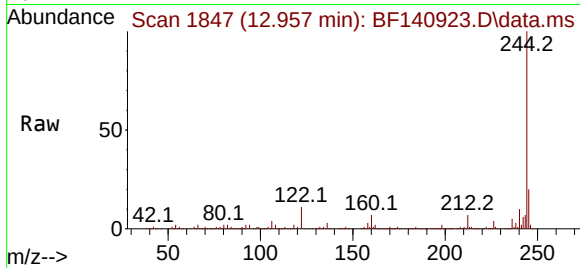




#79
 Terphenyl-d14
 Concen: 113.416 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140923.D
 Acq: 19 Dec 2024 13:55

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213

Tgt Ion:244 Resp: 1053711
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF140923.D
 Acq: 19 Dec 2024 13:55

Tgt Ion:264 Resp: 54946
 Ion Ratio Lower Upper
 264 100
 260 29.7 19.1 28.7#
 265 21.1 17.0 25.4

