

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140012.D
 Acq On : 24 Oct 2024 20:36
 Operator : RC/JU
 Sample : P4471-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02

Quant Time: Oct 25 01:09:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

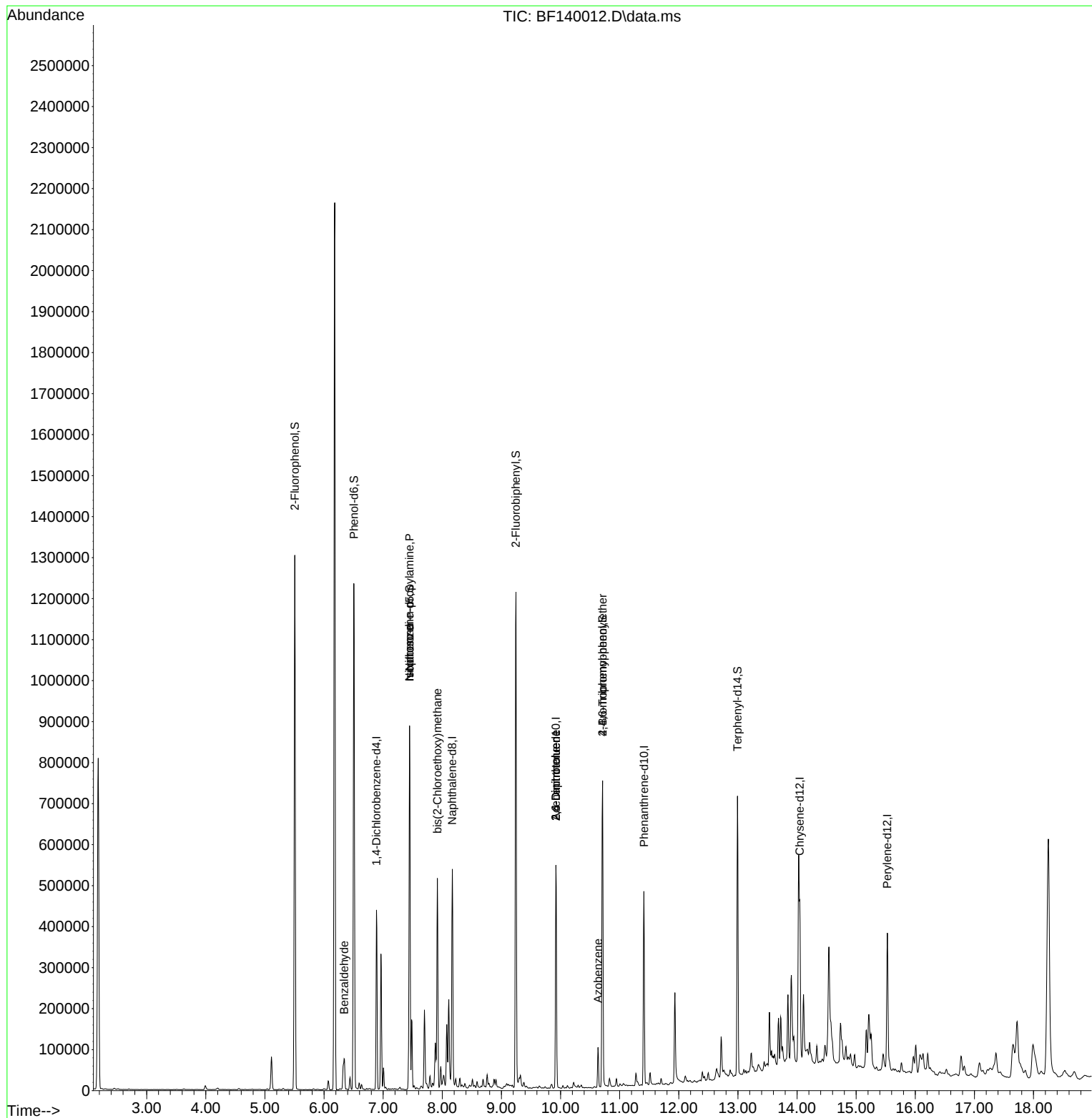
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	84439	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	304968	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162115	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	240740	20.000	ng	0.00
76) Chrysene-d12	14.045	240	154702	20.000	ng	0.00
86) Perylene-d12	15.527	264	194340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	455777	84.500	ng	0.00
7) Phenol-d6	6.504	99	558203	79.905	ng	0.00
23) Nitrobenzene-d5	7.445	82	377515	68.608	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122791	80.977	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	536994	54.744	ng	0.00
79) Terphenyl-d14	12.992	244	318764	33.575	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	8237	2.096	ng	# 18
19) n-Nitroso-di-n-propyla...	7.445	70	53645	12.661	ng	# 77
25) Isophorone	7.445	82	375409	35.946	ng	# 67
28) bis(2-Chloroethoxy)met...	7.916	93	13421	2.121	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	20496	9.374	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	20496	7.623	ng	# 21
63) Azobenzene	10.633	77	24798	2.359	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	7747	3.124	ng	# 1

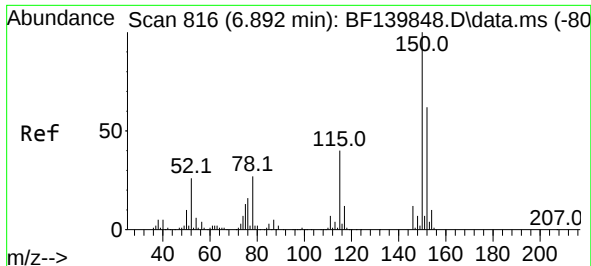
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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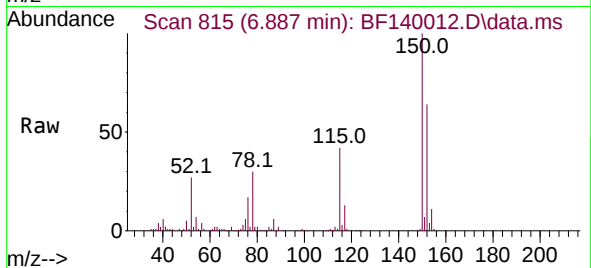
Quant Time: Oct 25 01:09:22 2024
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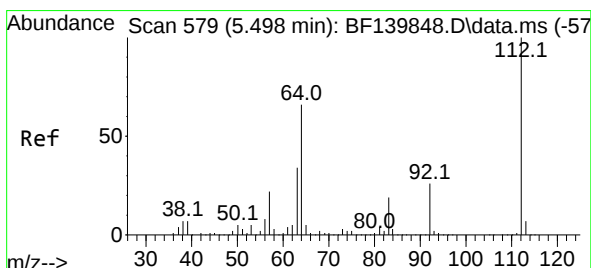
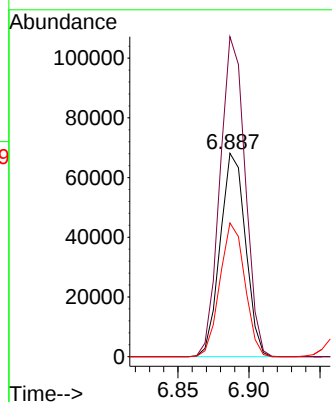
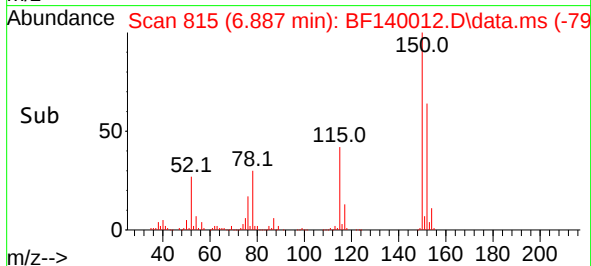


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

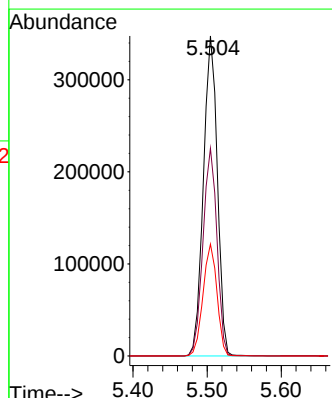
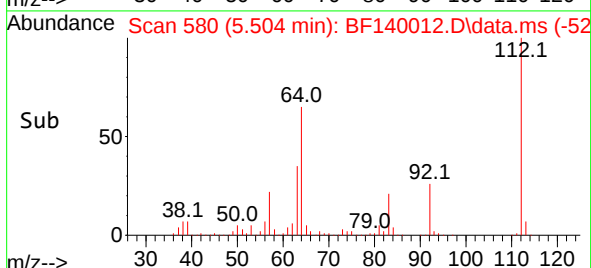
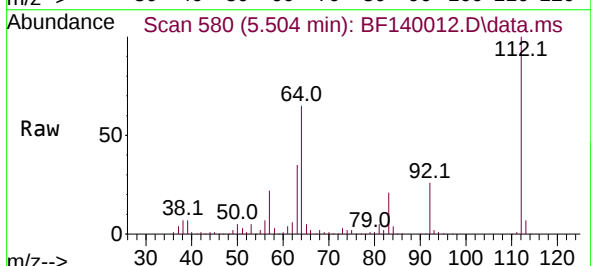


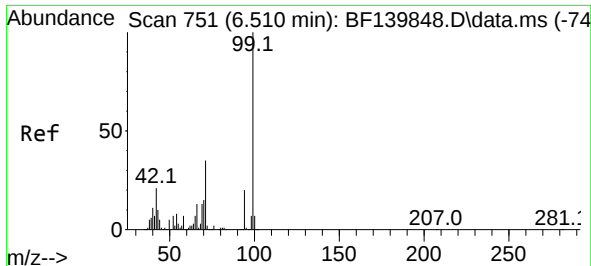
Tgt Ion:152 Resp: 84439
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 84.500 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:112 Resp: 455777
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 34.9 27.0 40.4

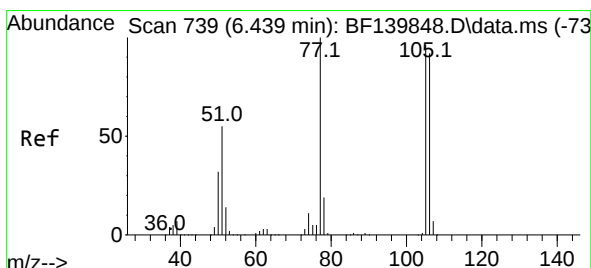
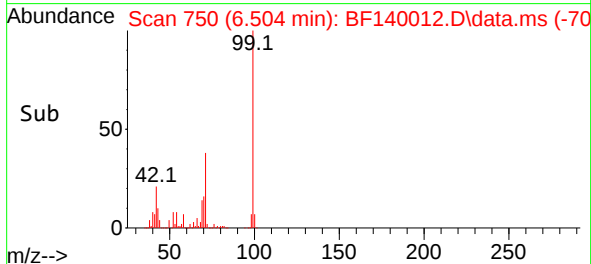
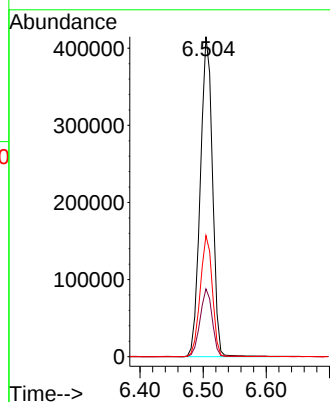
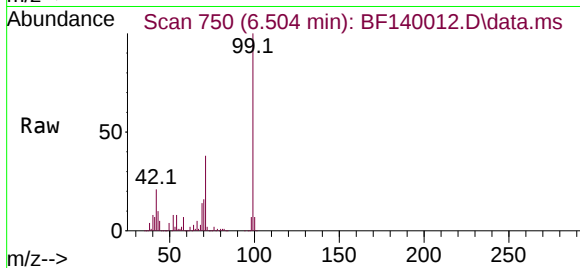




#7
Phenol-d6
Concen: 79.905 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

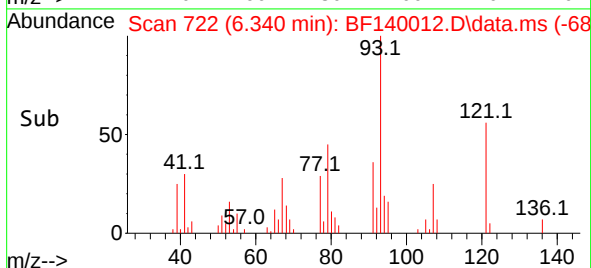
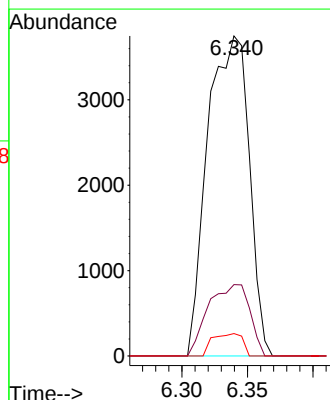
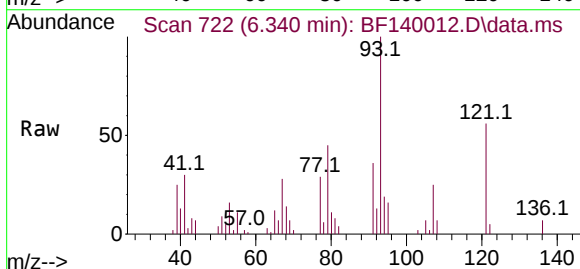
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

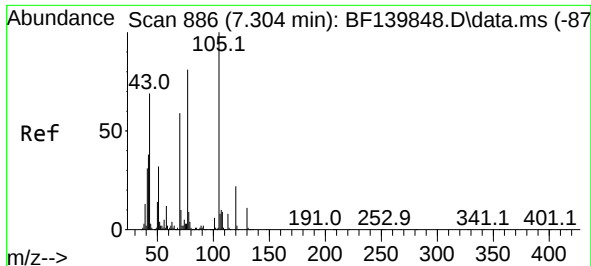
Tgt Ion: 99 Resp: 558203
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 37.8 27.7 41.5



#9
Benzaldehyde
Concen: 2.096 ng
RT: 6.340 min Scan# 722
Delta R.T. -0.099 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion: 77 Resp: 8237
Ion Ratio Lower Upper
77 100
105 22.3 75.5 115.5#
106 7.0 71.7 111.7#

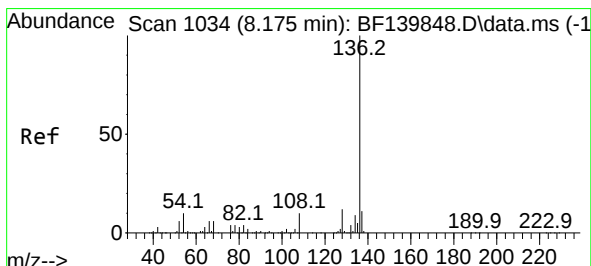
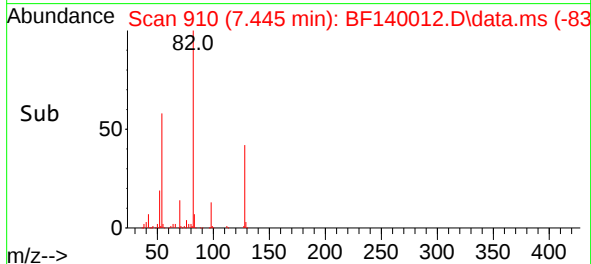
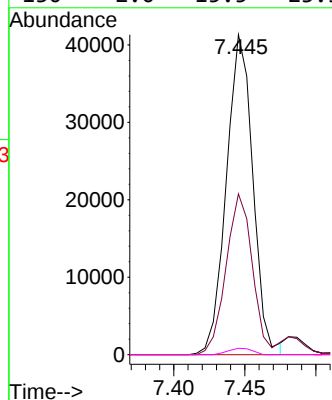
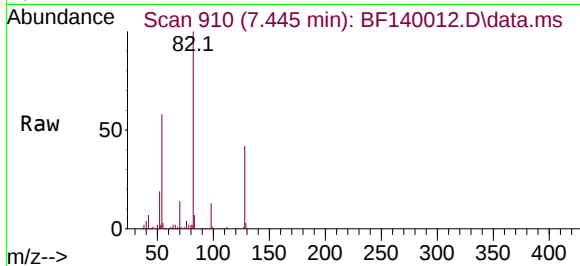




#19
n-Nitroso-di-n-propylamine
Concen: 12.661 ng
RT: 7.445 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

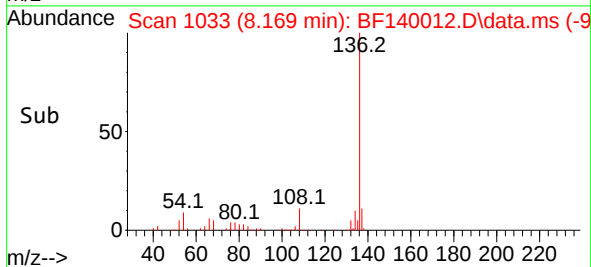
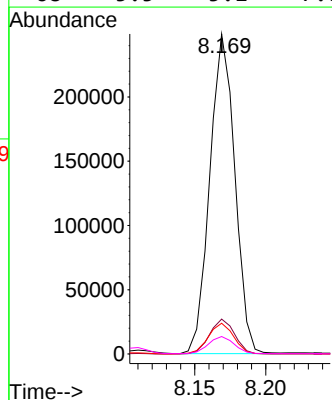
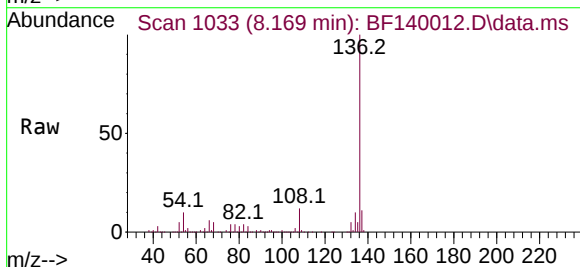
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

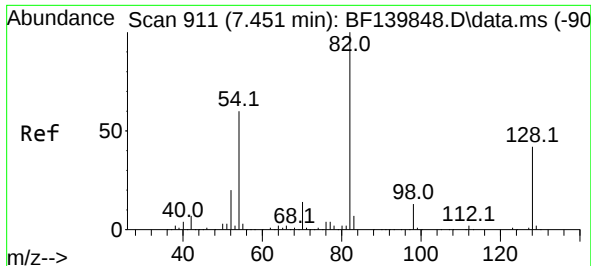
Tgt Ion: 70 Resp: 53645
Ion Ratio Lower Upper
70 100
42 50.3 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:136 Resp: 304968
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 68.608 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

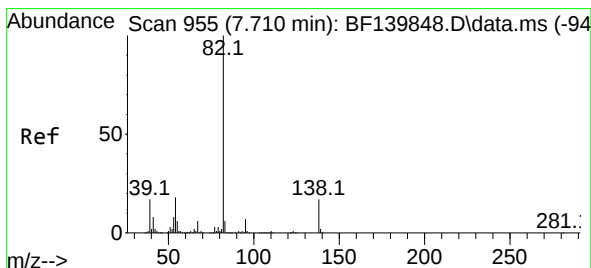
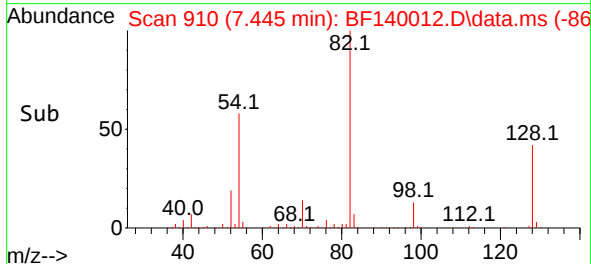
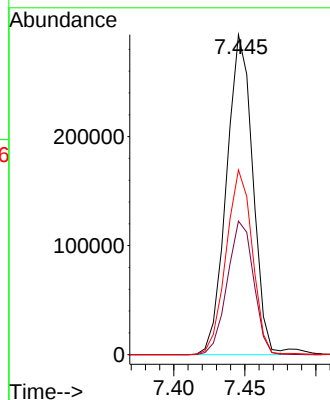
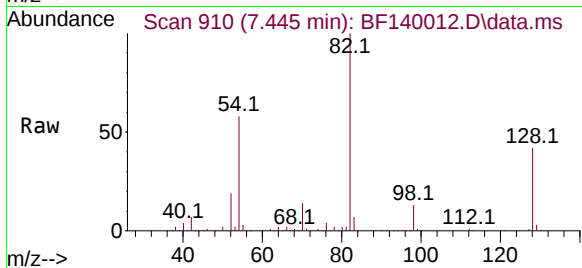
Tgt Ion: 82 Resp: 377515

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.0

54 57.8 47.8 71.8



#25

Isophorone

Concen: 35.946 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.265 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

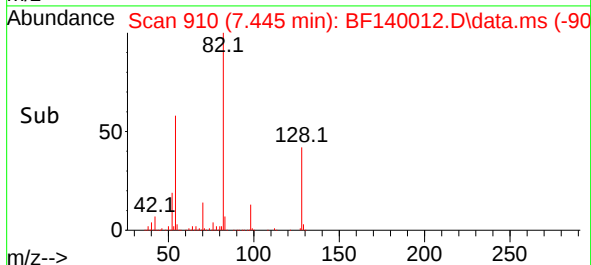
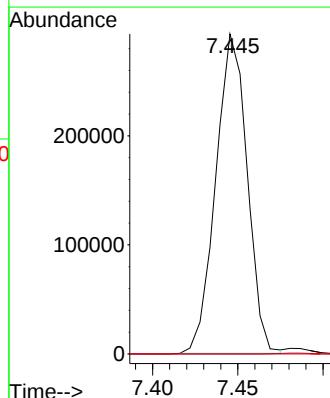
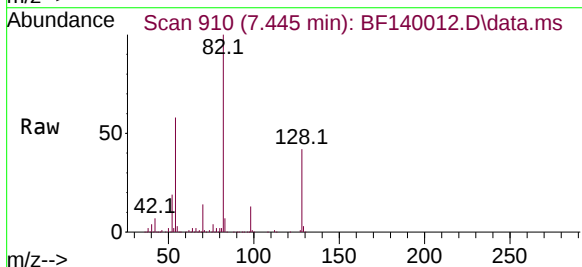
Tgt Ion: 82 Resp: 375409

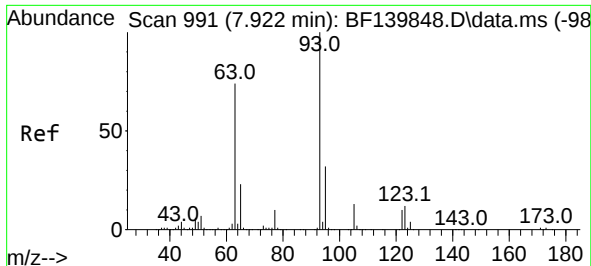
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.2 19.8#

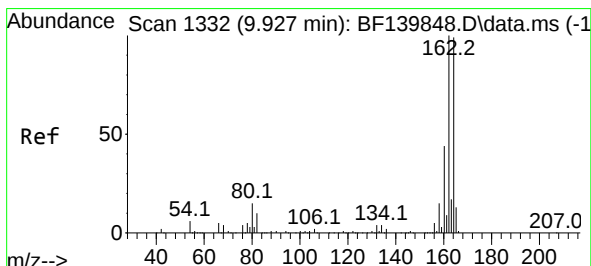
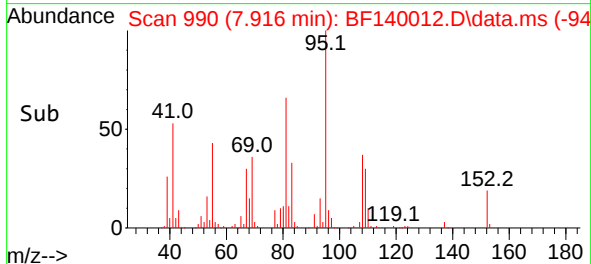
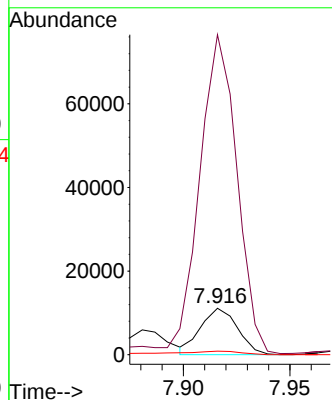
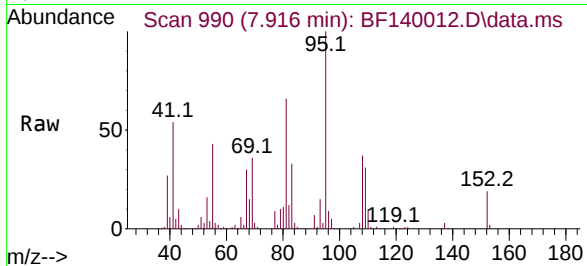




#28
bis(2-Chloroethoxy)methane
Concen: 2.121 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

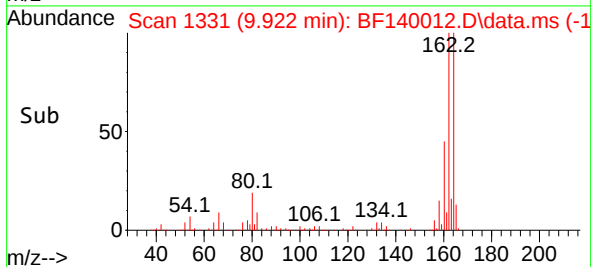
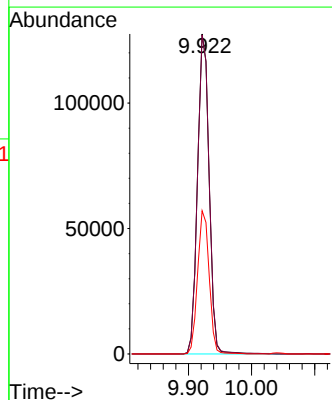
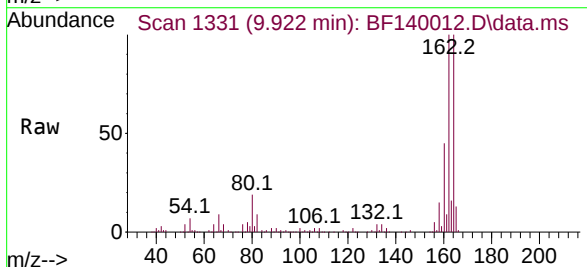
Instrument :
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B-180-SB02

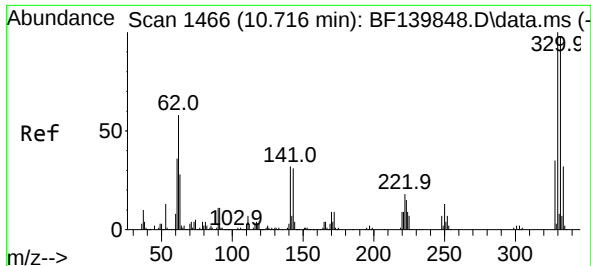
Tgt Ion: 93 Resp: 13421
Ion Ratio Lower Upper
93 100
95 689.2 26.0 39.0#
123 7.7 9.8 14.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:164 Resp: 162115
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 80.977 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

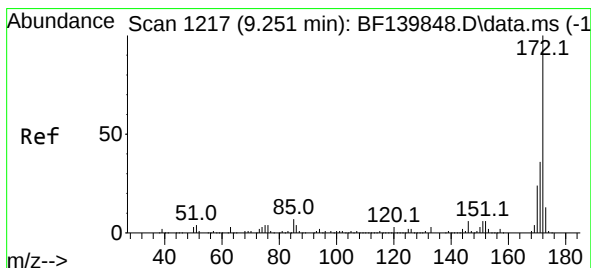
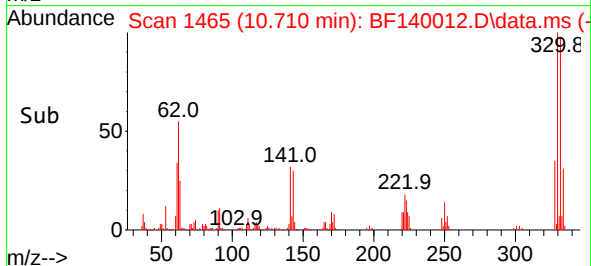
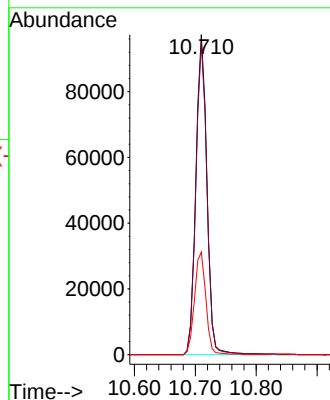
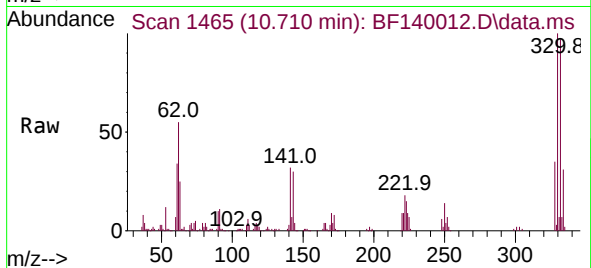
Tgt Ion:330 Resp: 122791

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 54.744 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140012.D

Acq: 24 Oct 2024 20:36

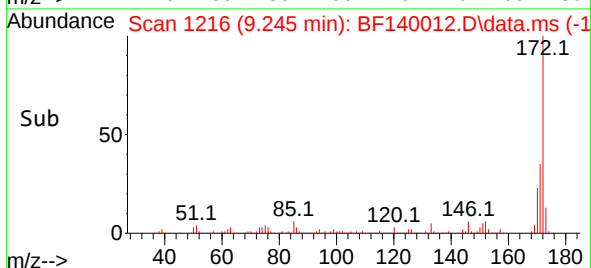
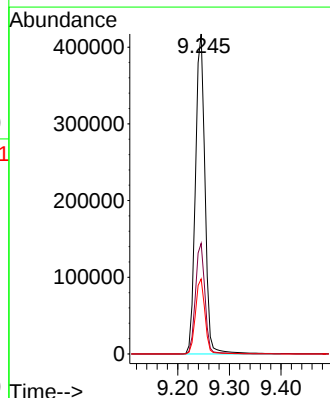
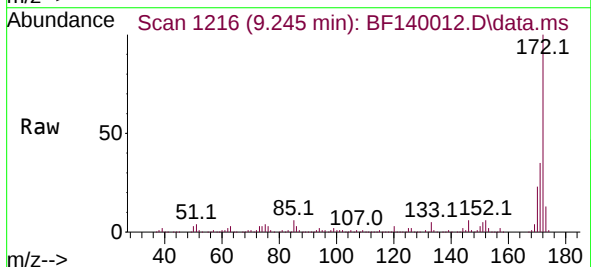
Tgt Ion:172 Resp: 536994

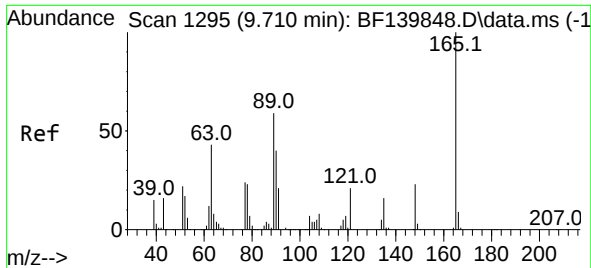
Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.5 19.1 28.7

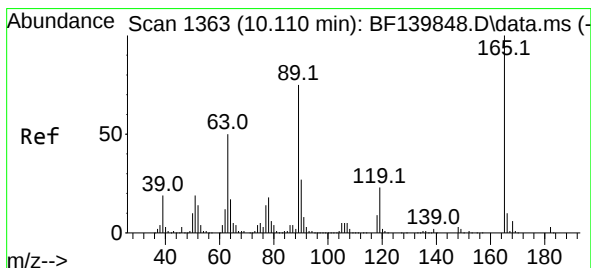
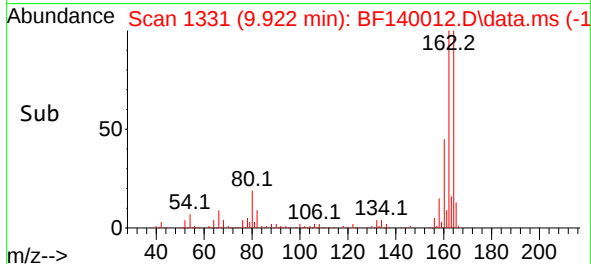
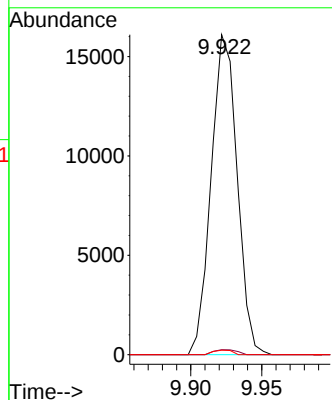
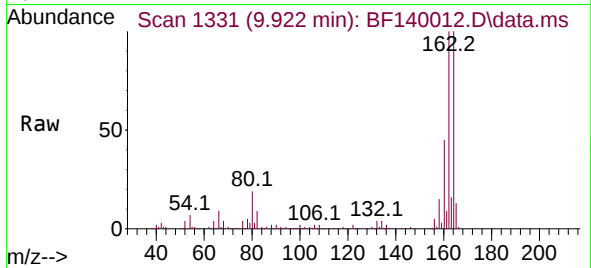




#51
2,6-Dinitrotoluene
Concen: 9.374 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

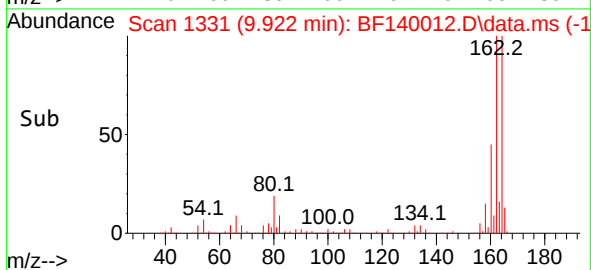
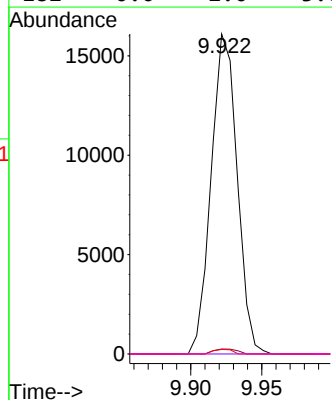
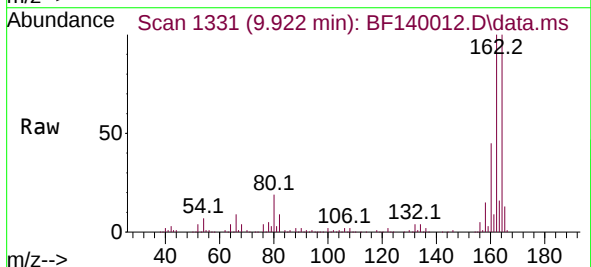
Instrument :
BNA_F
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B-180-SB02

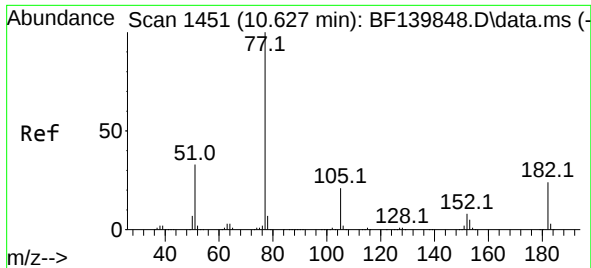
Tgt Ion:165 Resp: 20496
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.623 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:165 Resp: 20496
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#

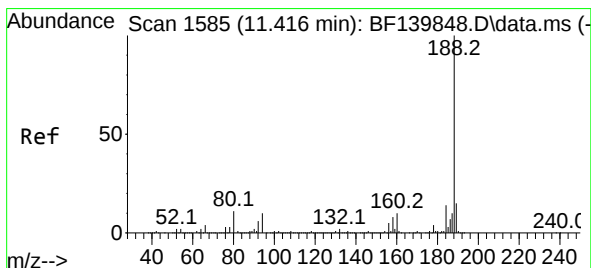
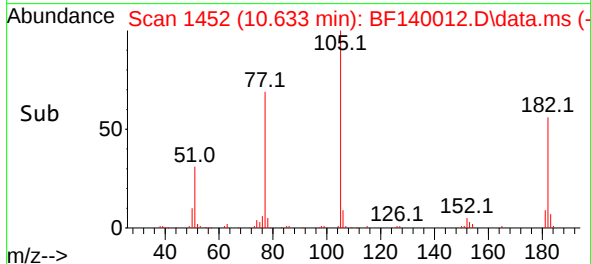
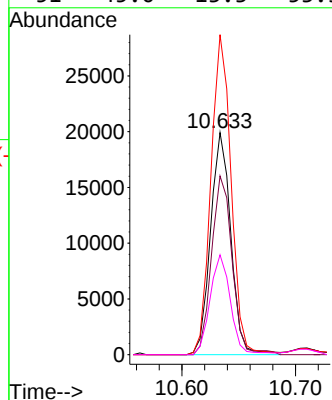
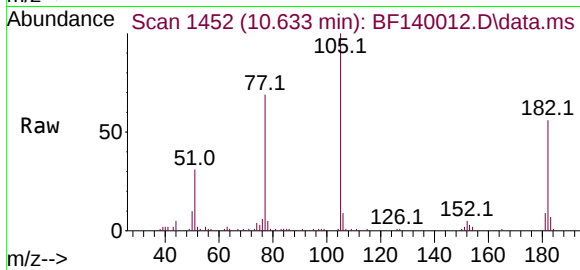




#63
Azobenzene
Concen: 2.359 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

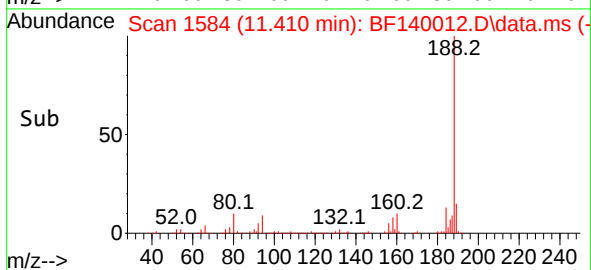
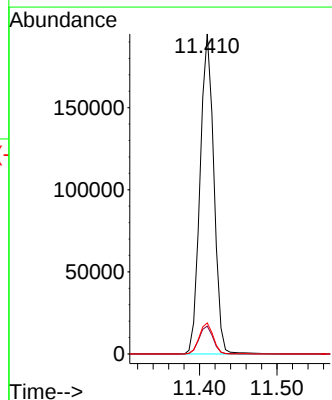
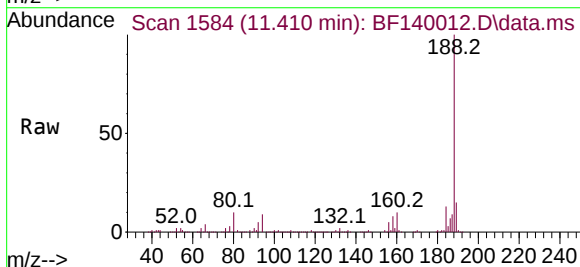
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

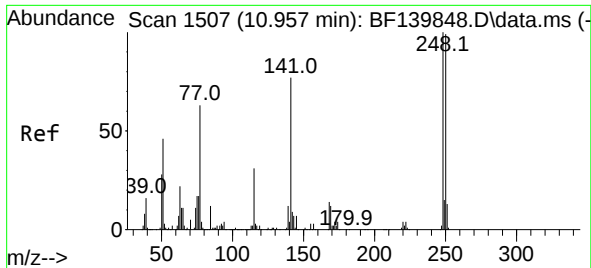
Tgt Ion: 77	Resp: 24798
Ion Ratio	Lower Upper
77 100	
182 80.5	3.3 43.3#
105 144.1	1.2 41.2#
51 45.0	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion: 188	Resp: 240740
Ion Ratio	Lower Upper
188 100	
94 8.7	7.9 11.9
80 9.7	9.0 13.4

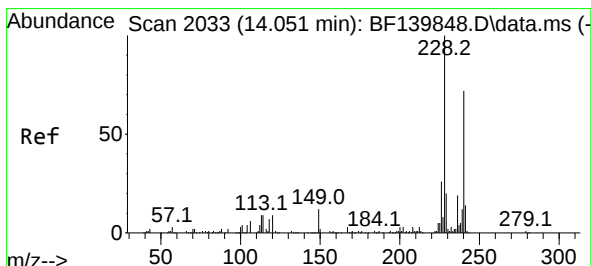
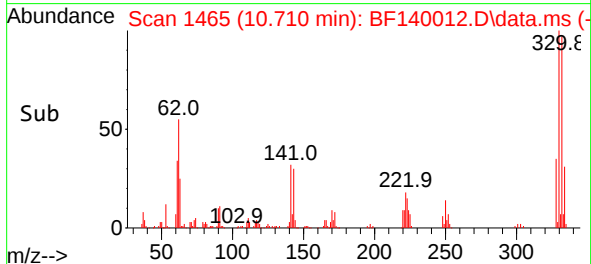
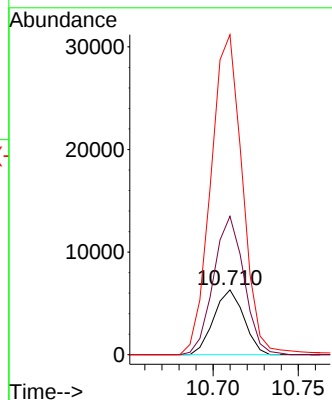
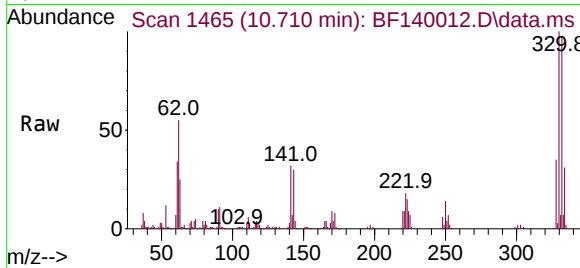




#67
4-Bromophenyl-phenylether
Concen: 3.124 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

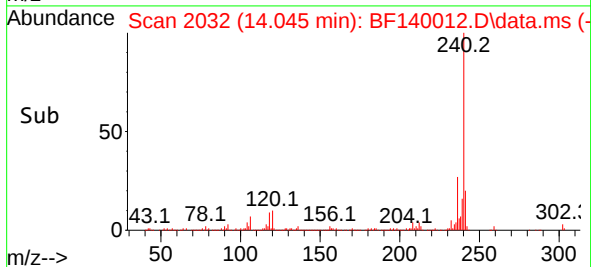
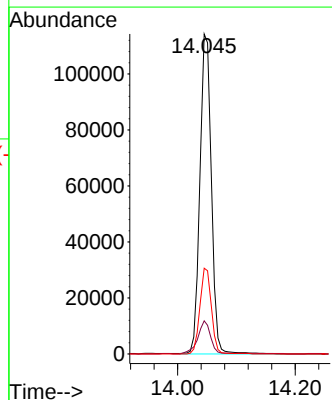
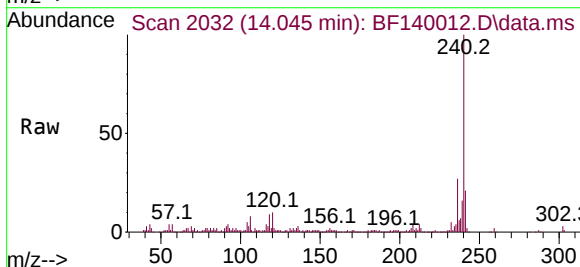
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

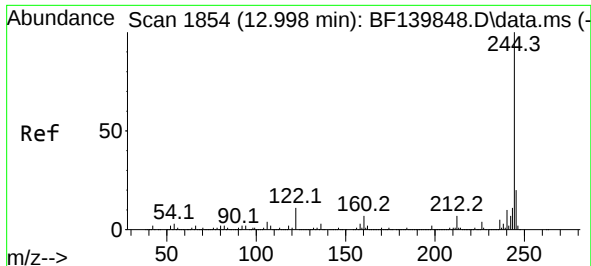
Tgt Ion:248 Resp: 7747
Ion Ratio Lower Upper
248 100
250 213.6 79.0 118.6#
141 493.9 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140012.D
Acq: 24 Oct 2024 20:36

Tgt Ion:240 Resp: 154702
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.8 20.9 31.3

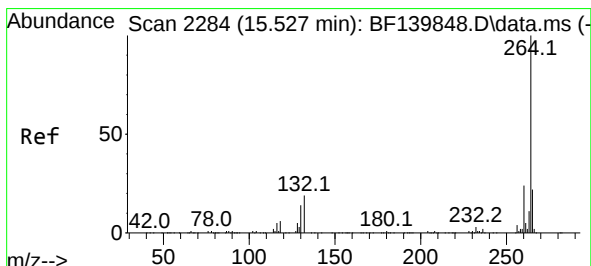
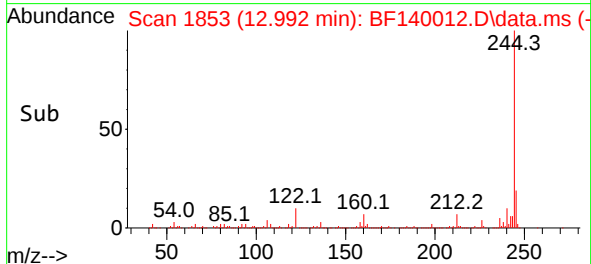
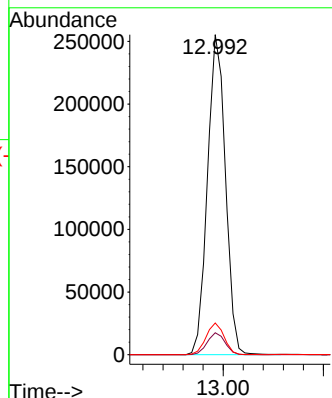
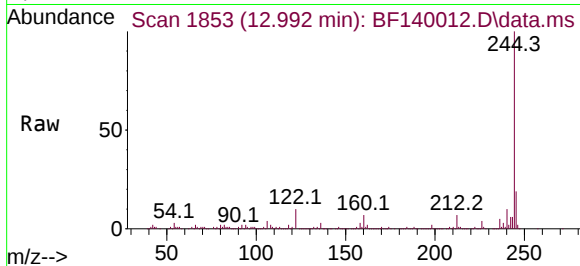




#79
 Terphenyl-d14
 Concen: 33.575 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140012.D
 Acq: 24 Oct 2024 20:36

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02

Tgt Ion:244 Resp: 318764
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140012.D
 Acq: 24 Oct 2024 20:36

Tgt Ion:264 Resp: 194340
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.4 17.4 26.0

