

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140085.D
 Acq On : 28 Oct 2024 14:19
 Operator : RC/JU
 Sample : P4578-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT-1

Quant Time: Oct 28 14:45:06 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)

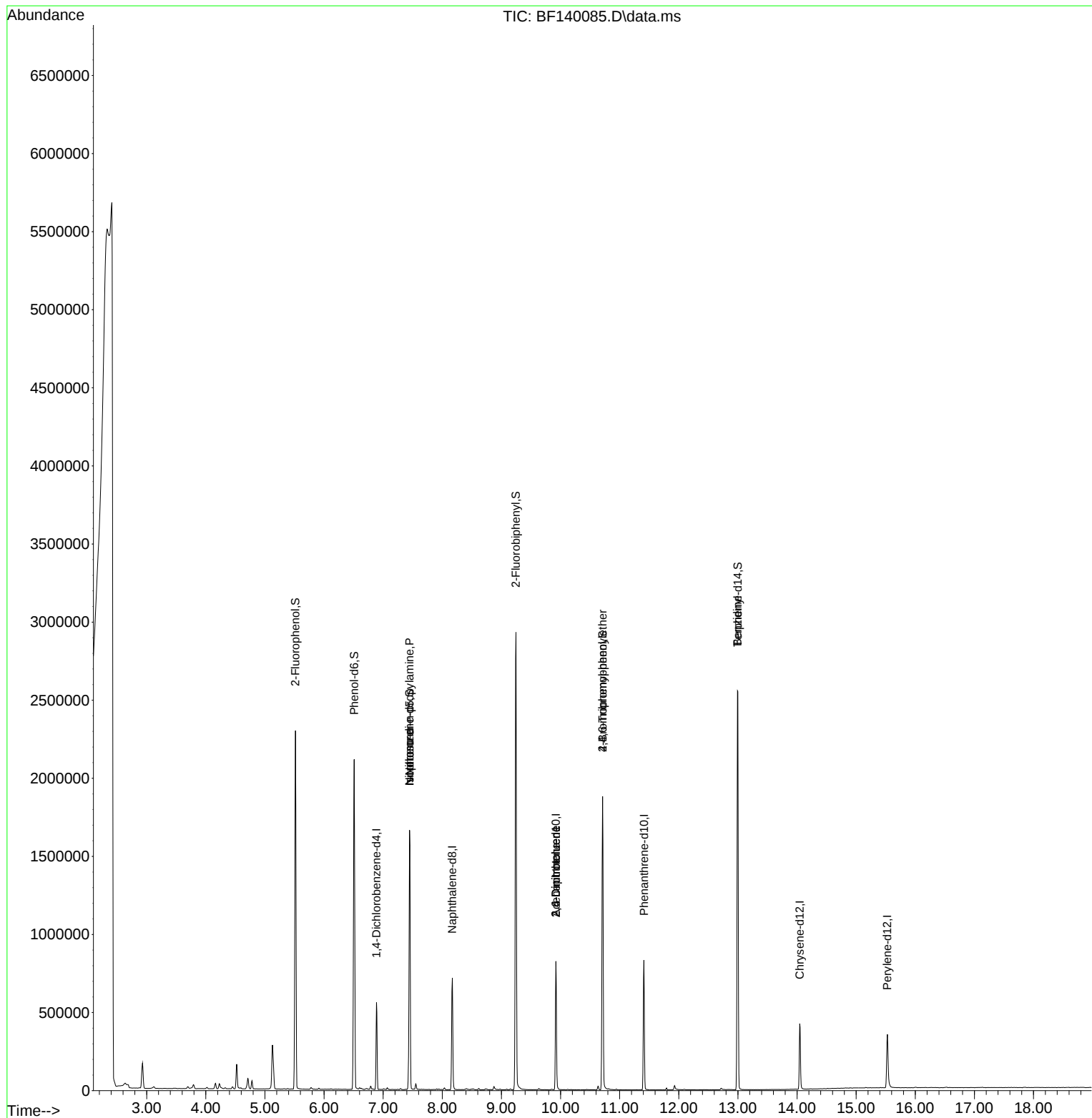
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	111257	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	441878	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	245603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	437798	20.000	ng	0.00
76) Chrysene-d12	14.045	240	215751	20.000	ng	0.00
86) Perylene-d12	15.527	264	230540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	863113	121.448	ng	0.02
7) Phenol-d6	6.510	99	1033565	112.289	ng	0.00
23) Nitrobenzene-d5	7.445	82	768626	96.407	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	338552	147.370	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1393721	93.785	ng	0.00
79) Terphenyl-d14	12.998	244	1353675	102.238	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	105021	18.812	ng	# 76
25) Isophorone	7.445	82	764024	50.490	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31873	9.622	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31873	7.825	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	21527	4.773	ng	# 1
77) Benzydine	12.992	184	16040	4.521	ng	# 94

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

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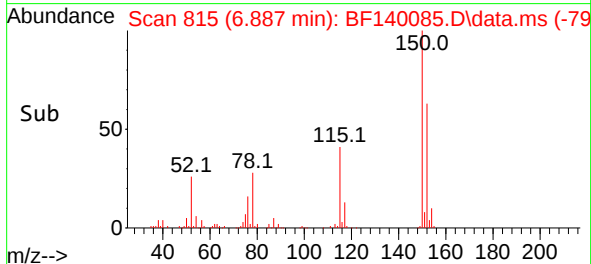
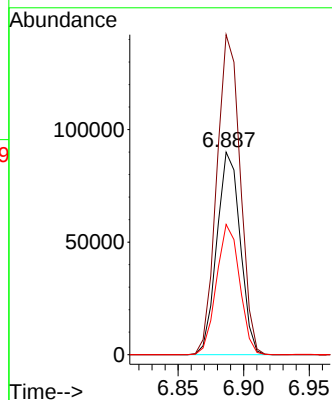
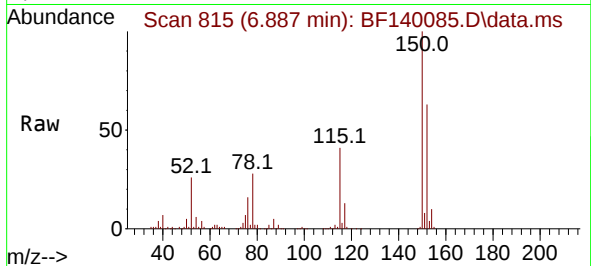




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

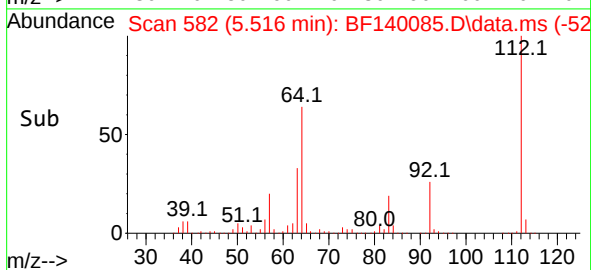
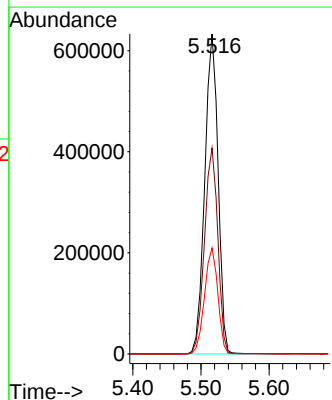
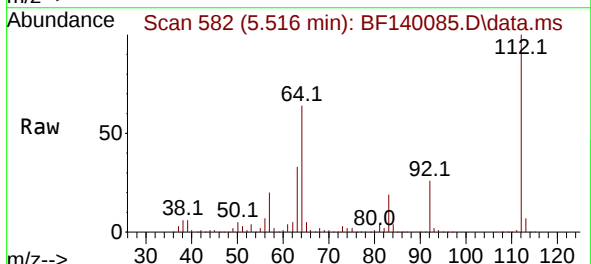
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

Tgt Ion:152 Resp: 111257
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 64.3 51.4 77.2



#5
2-Fluorophenol
Concen: 121.448 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Tgt Ion:112 Resp: 863113
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.1 27.0 40.4

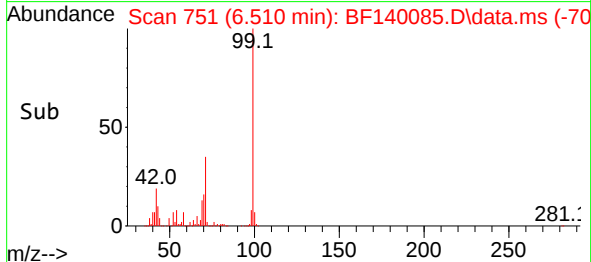
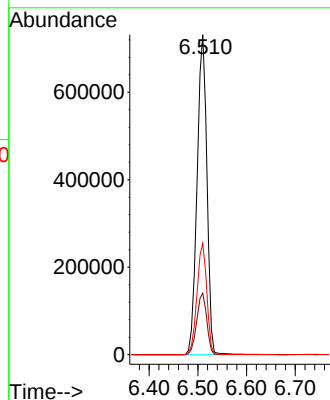
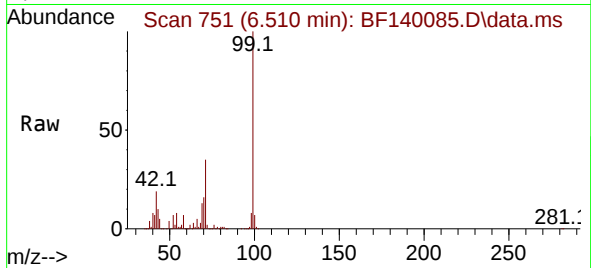




#7
Phenol-d6
Concen: 112.289 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

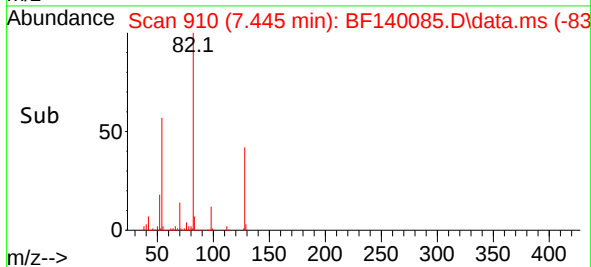
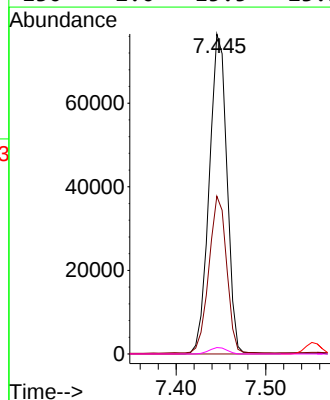
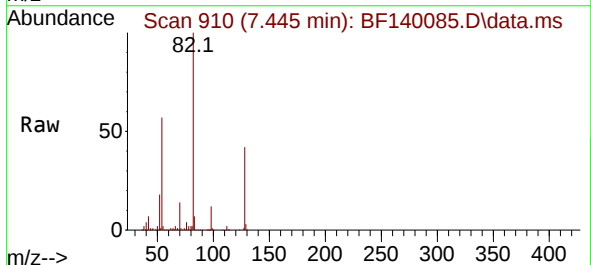
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

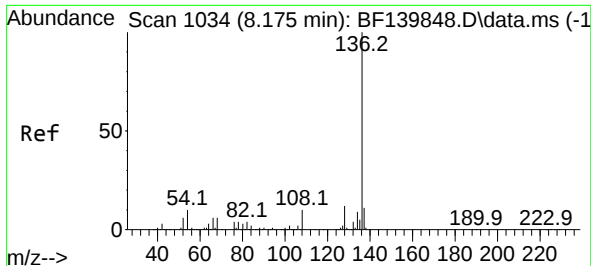
Tgt Ion: 99 Resp: 1033565
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 34.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.812 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Tgt Ion: 70 Resp: 105021
Ion Ratio Lower Upper
70 100
42 49.3 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



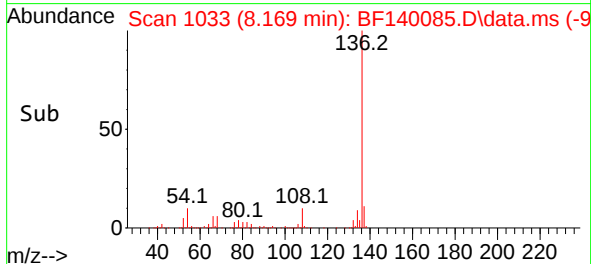
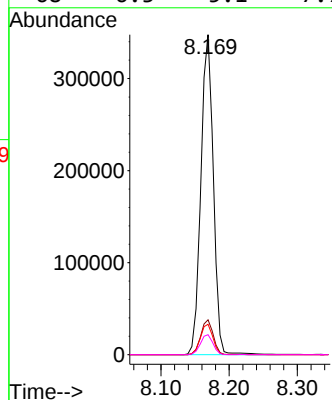
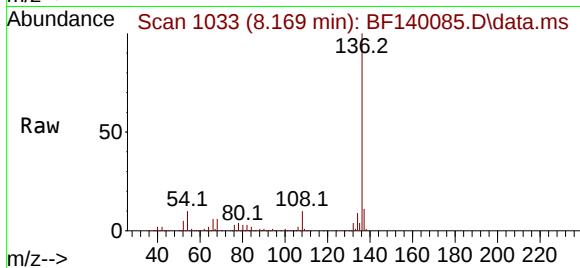


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

Tgt Ion:136 Resp: 441878

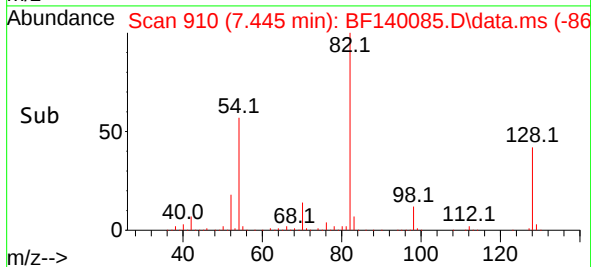
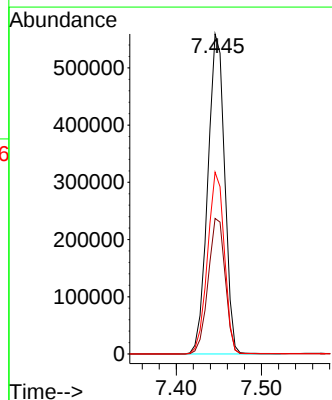
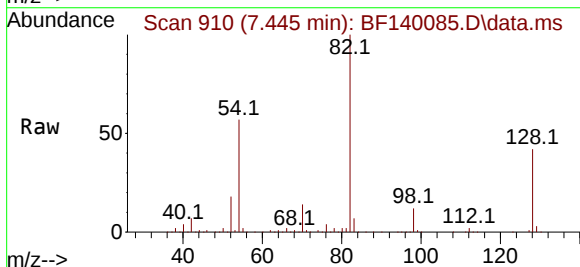
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 96.407 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Tgt Ion: 82 Resp: 768626

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.4	50.0
54	56.8	47.8	71.8

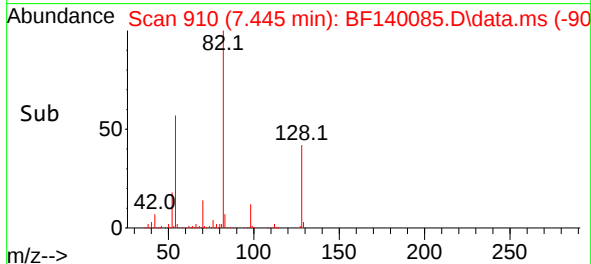
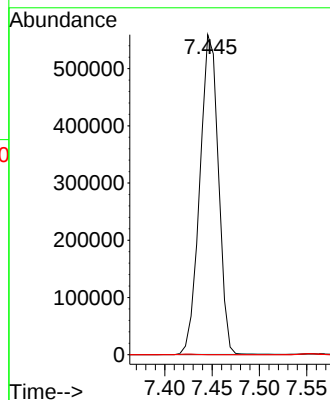
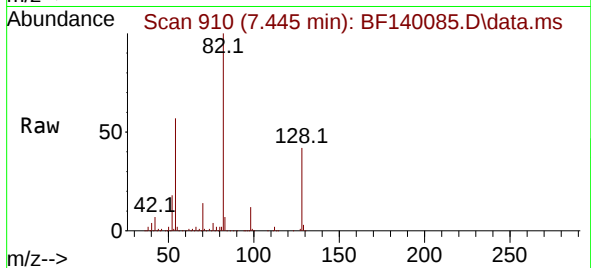




#25
Isophorone
Concen: 50.490 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

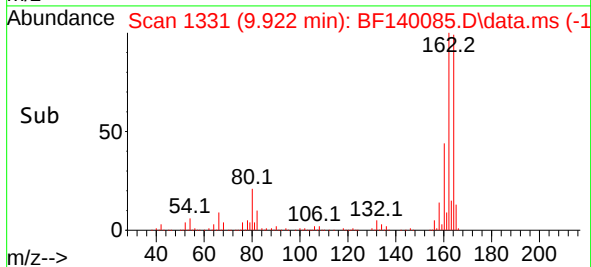
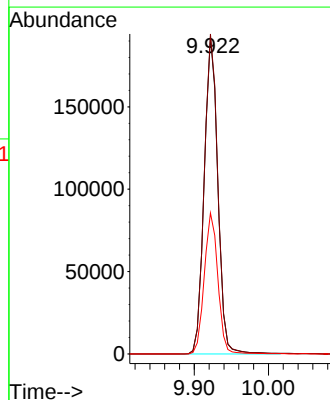
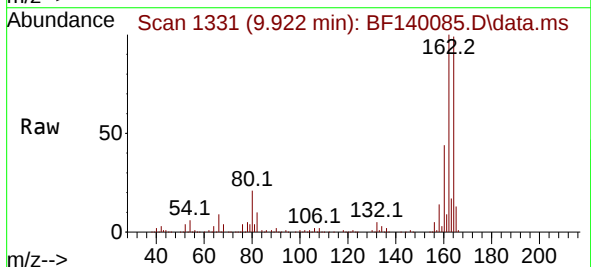
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

Tgt Ion: 82 Resp: 764024
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Tgt Ion:164 Resp: 245603
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 147.370 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140085.D

Acq: 28 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT-1

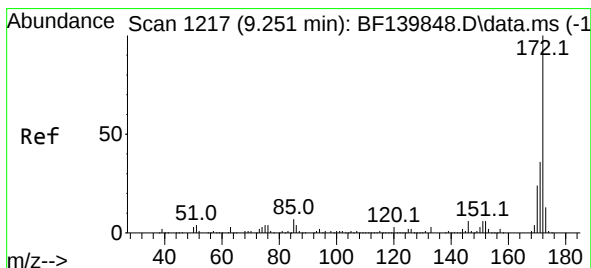
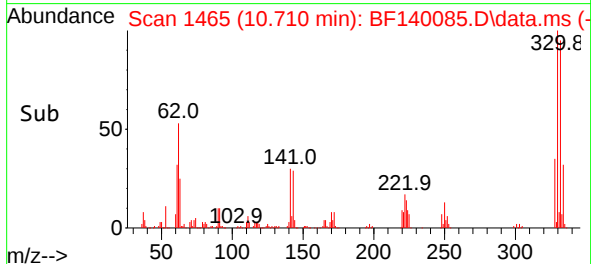
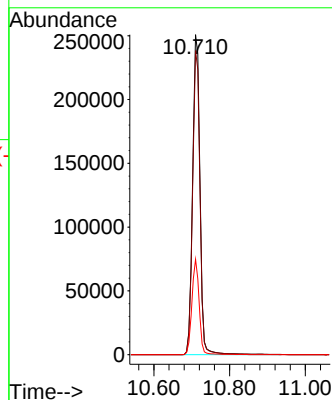
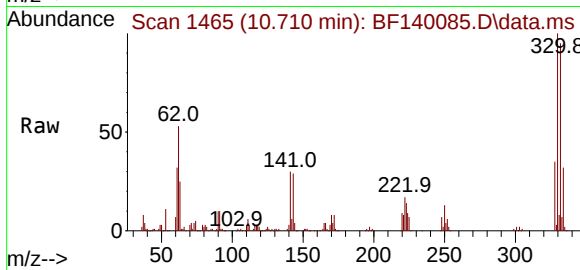
Tgt Ion:330 Resp: 338552

Ion Ratio Lower Upper

330 100

332 94.9 78.1 117.1

141 29.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.785 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140085.D

Acq: 28 Oct 2024 14:19

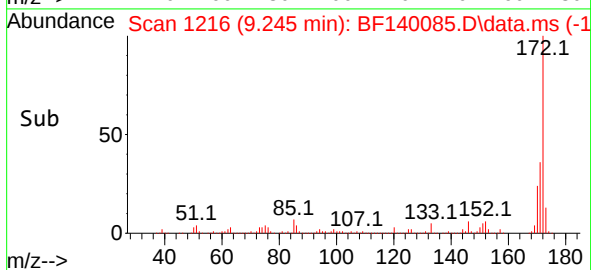
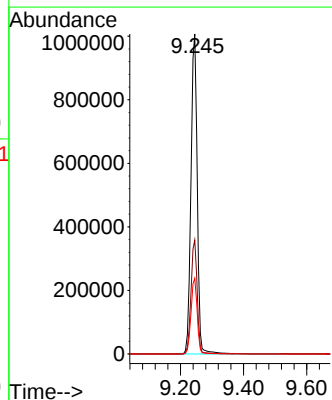
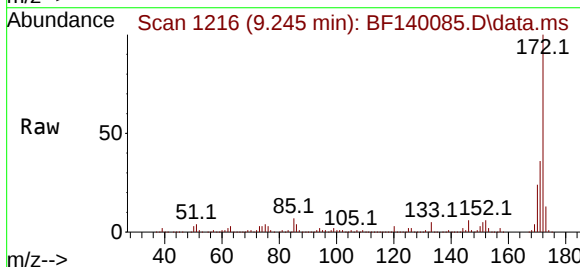
Tgt Ion:172 Resp: 1393721

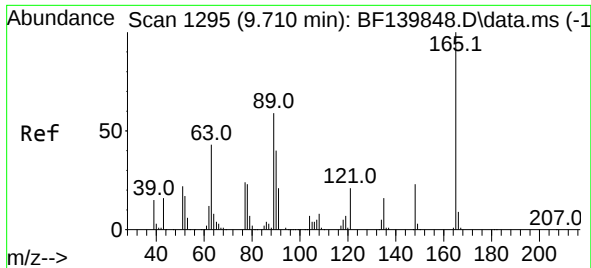
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.7 19.1 28.7

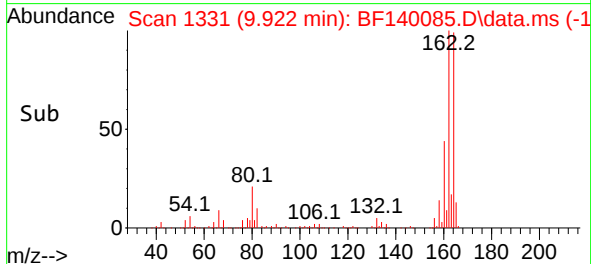
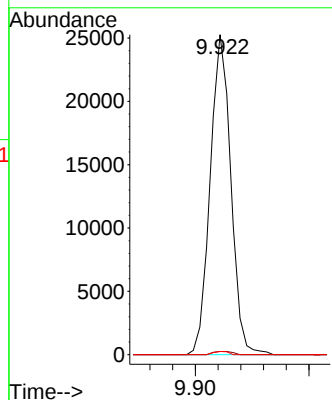
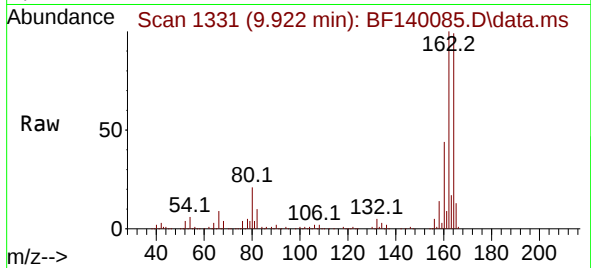




#51
2,6-Dinitrotoluene
Concen: 9.622 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

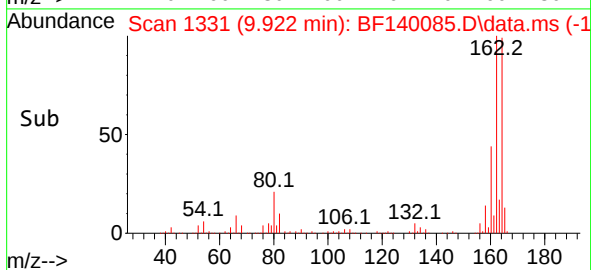
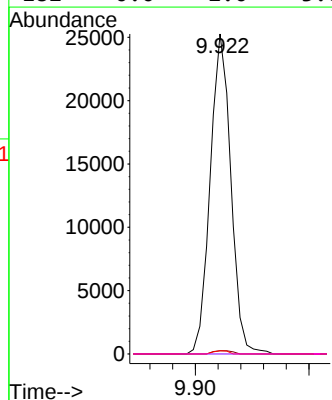
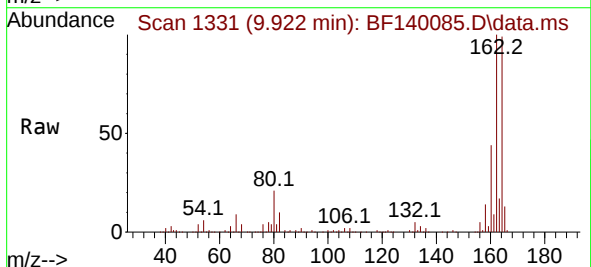
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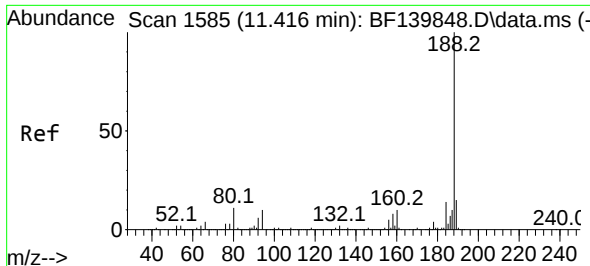
Tgt Ion:165 Resp: 31873
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.825 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Tgt Ion:165 Resp: 31873
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

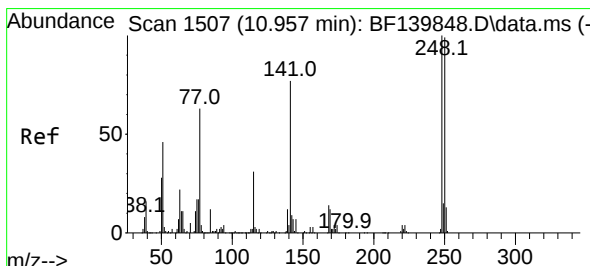
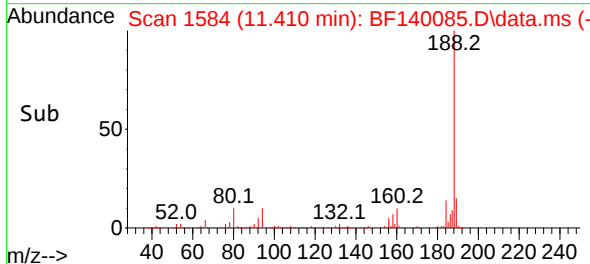
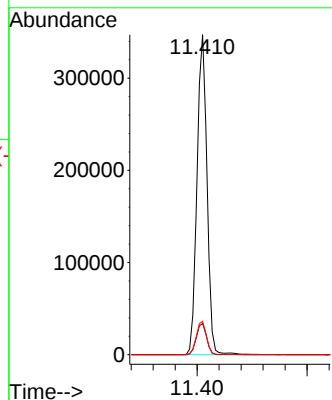
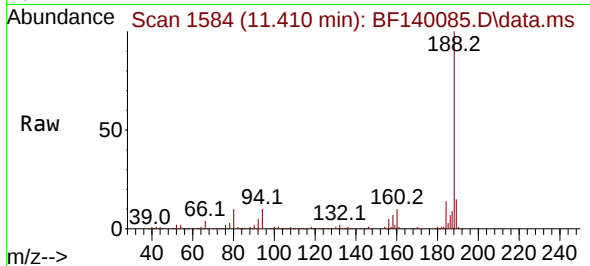




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

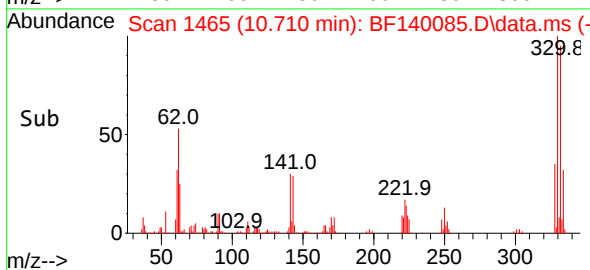
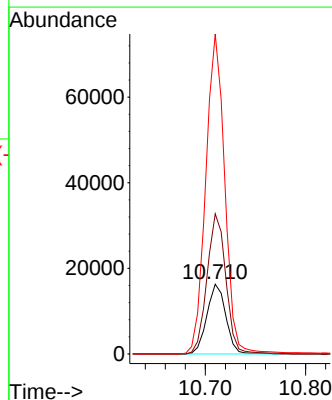
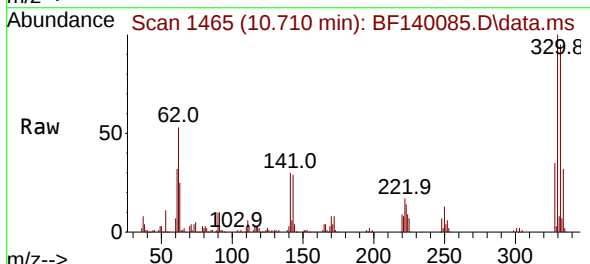
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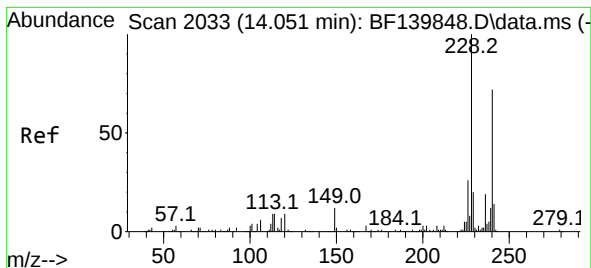
Tgt Ion:188 Resp: 437798
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.4 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.773 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140085.D
Acq: 28 Oct 2024 14:19

Tgt Ion:248 Resp: 21527
Ion Ratio Lower Upper
248 100
250 200.6 79.0 118.6#
141 458.2 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: BF140085.D

Acq: 28 Oct 2024 14:19

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT-1

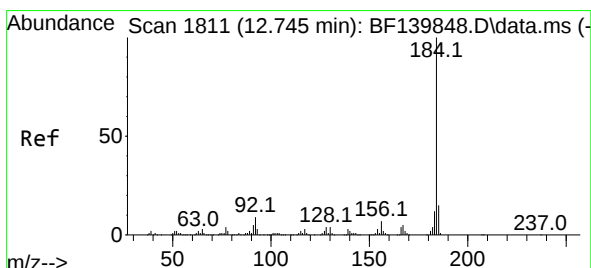
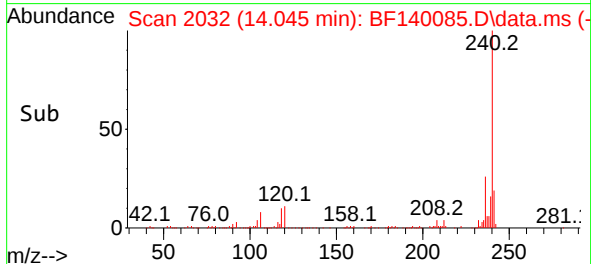
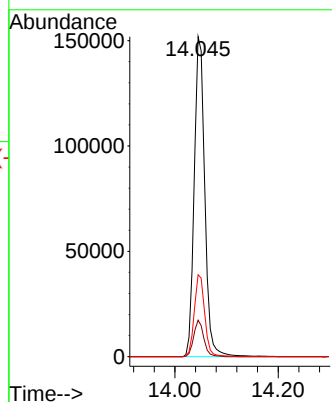
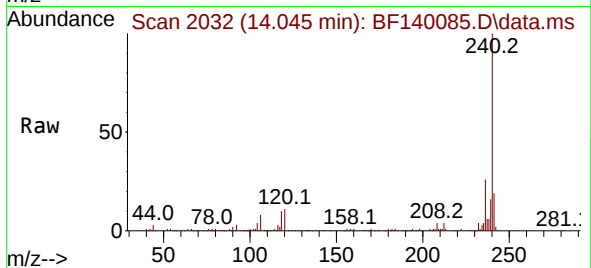
Tgt Ion:240 Resp: 215751

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 25.6 20.9 31.3



#77

Benzdine

Concen: 4.521 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF140085.D

Acq: 28 Oct 2024 14:19

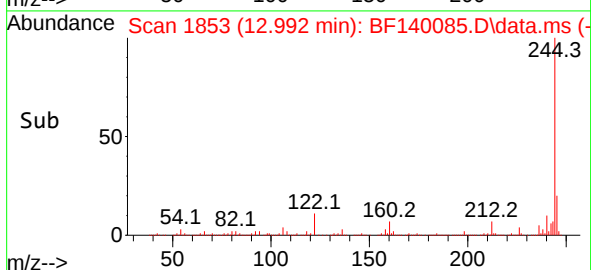
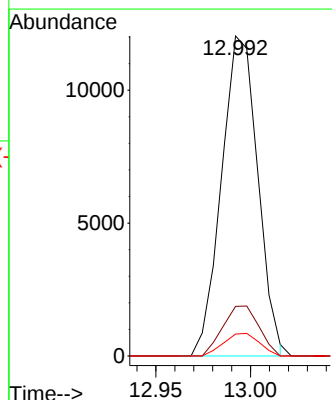
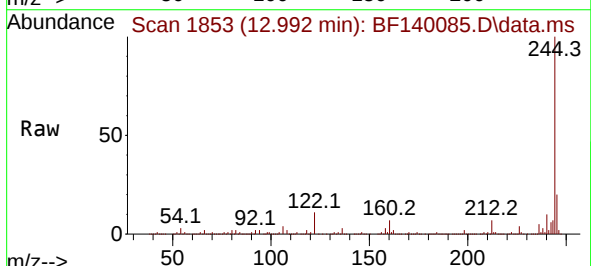
Tgt Ion:184 Resp: 16040

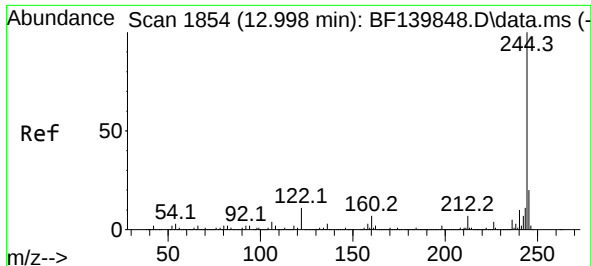
Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 6.8 9.4 14.2#

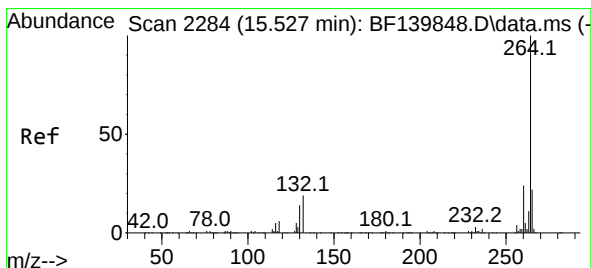
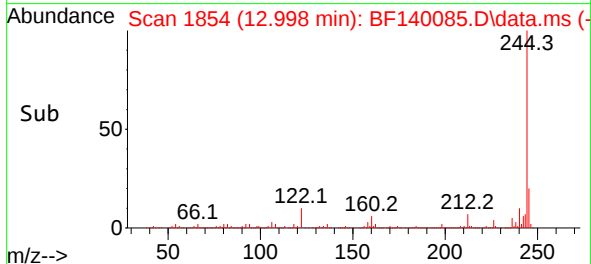
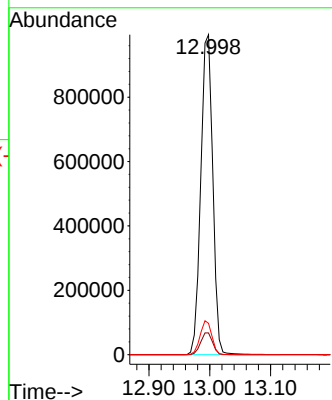
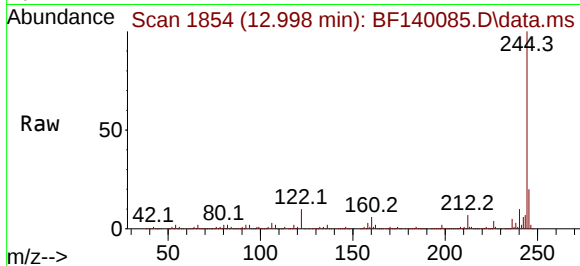




#79
 Terphenyl-d14
 Concen: 102.238 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140085.D
 Acq: 28 Oct 2024 14:19

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT-1

Tgt Ion:244 Resp: 1353675
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.8 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: BF140085.D
 Acq: 28 Oct 2024 14:19

Tgt Ion:264 Resp: 230540
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.5 17.4 26.0

