

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140607.D
 Acq On : 25 Nov 2024 17:15
 Operator : RC/JU
 Sample : P4892-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-SW

Quant Time: Nov 26 00:08:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

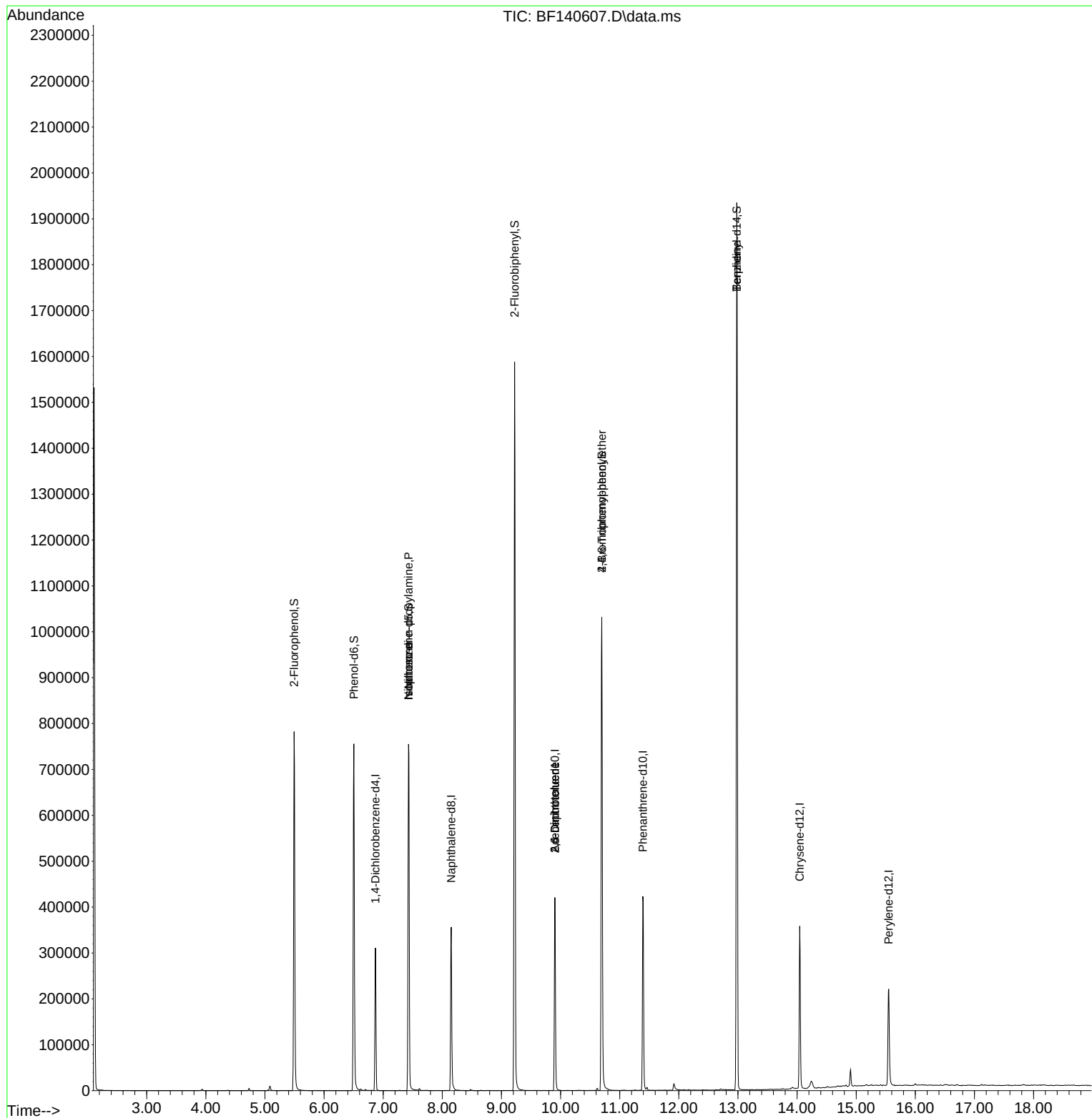
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64480	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	239780	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	131138	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	245059	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	178129	20.000	ng	0.00
86) Perylene-d12	15.551	264	139529	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	298834	79.075	ng	0.00
7) Phenol-d6	6.504	99	355856	71.227	ng	-0.01
23) Nitrobenzene-d5	7.428	82	362946	77.424	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	186214	132.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	706233	80.240	ng	-0.01
79) Terphenyl-d14	12.980	244	962141	84.106	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	47689	16.151	ng	# 77
25) Isophorone	7.428	82	357731	45.753	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	16472	8.409	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	16472	6.327	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	11724	4.645	ng	# 1
77) Benzydine	12.980	184	13528	2.612	ng	# 94

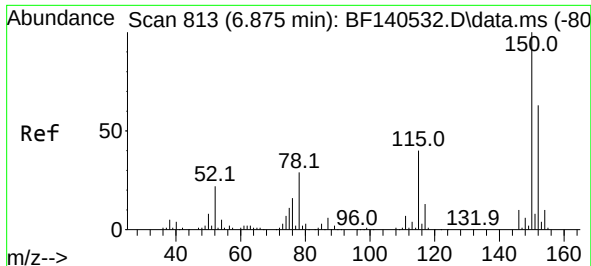
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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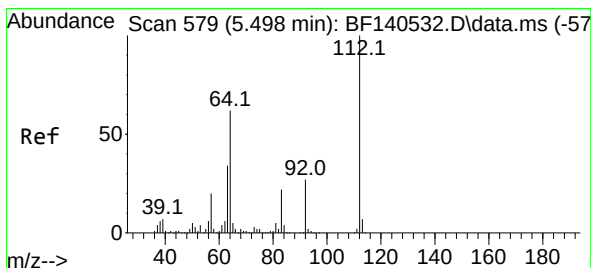
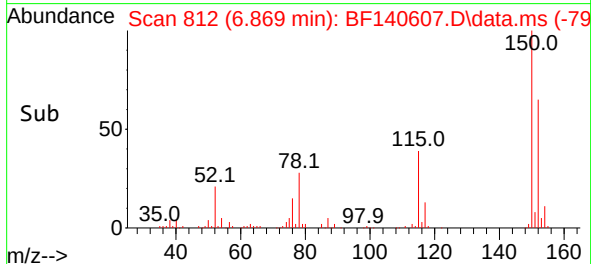
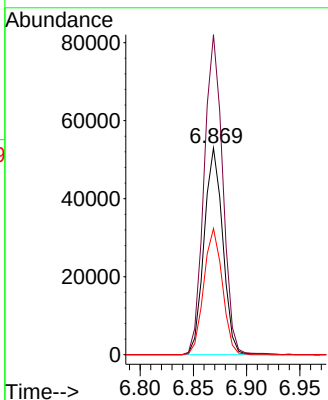
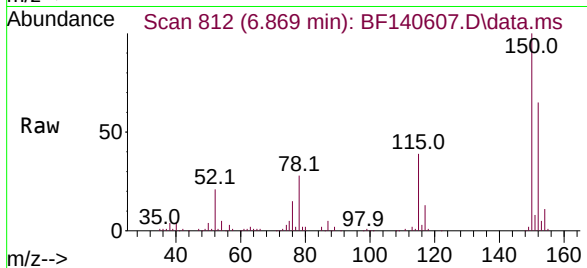




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140607.D
 Acq: 25 Nov 2024 17:15

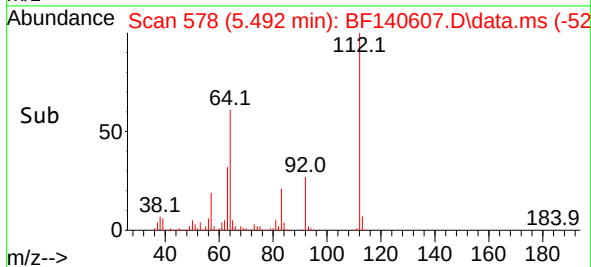
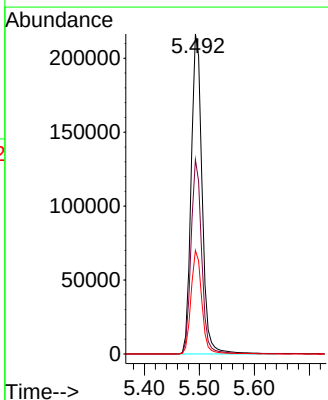
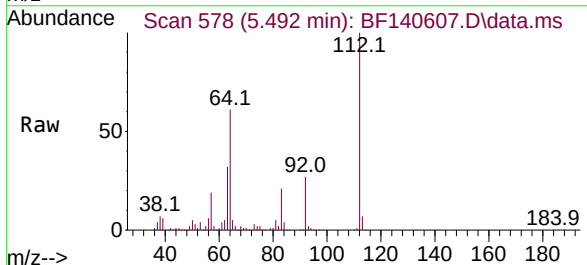
Instrument :
 BNA_F
 ClientSampleId :
 WB-310-SW

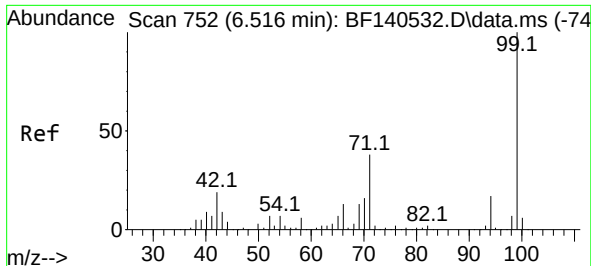
Tgt Ion:152 Resp: 64480
 Ion Ratio Lower Upper
 152 100
 150 154.7 128.5 192.7
 115 61.0 50.2 75.4



#5
 2-Fluorophenol
 Concen: 79.075 ng
 RT: 5.492 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: BF140607.D
 Acq: 25 Nov 2024 17:15

Tgt Ion:112 Resp: 298834
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.2 73.8
 63 32.4 27.0 40.4

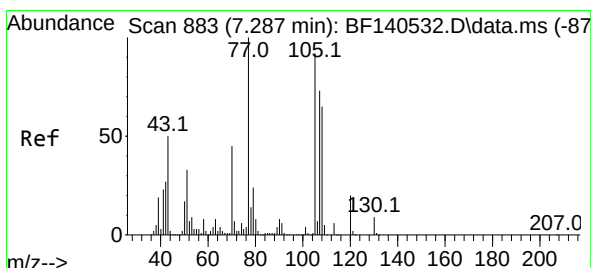
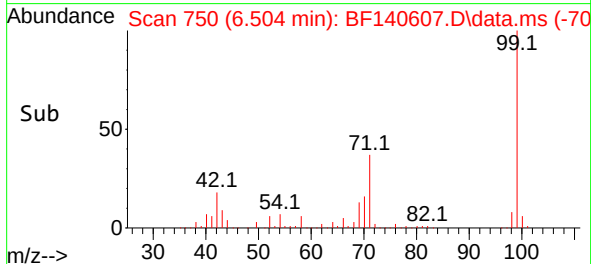
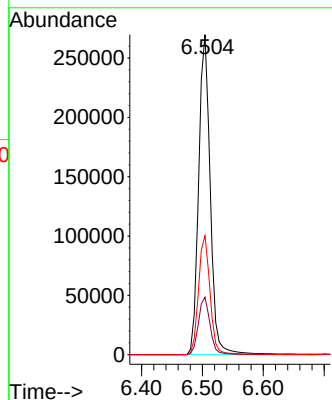
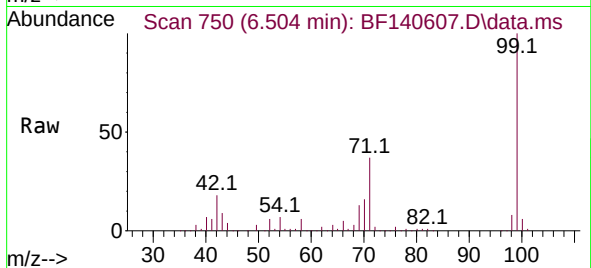




#7
Phenol-d6
Concen: 71.227 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

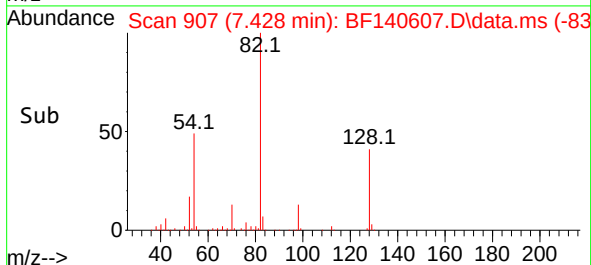
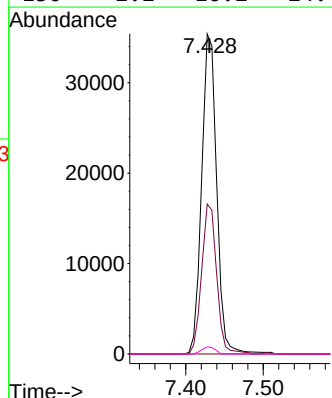
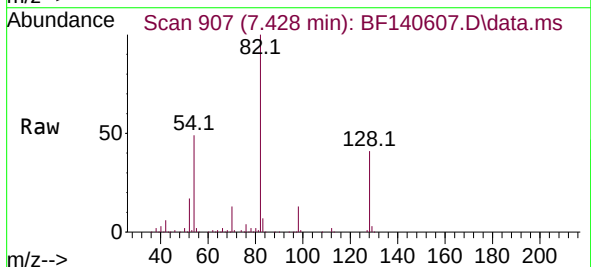
Instrument :
BNA_F
ClientSampleId :
WB-310-SW

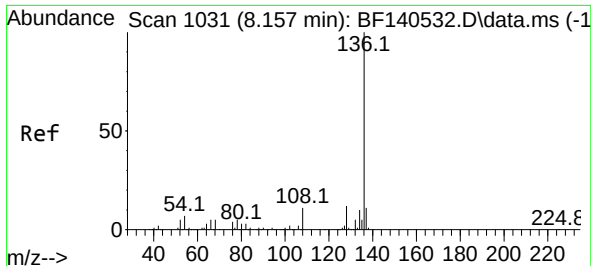
Tgt Ion: 99 Resp: 355856
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.151 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion: 70 Resp: 47689
Ion Ratio Lower Upper
70 100
42 46.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



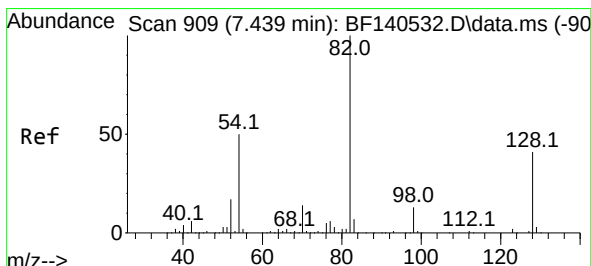
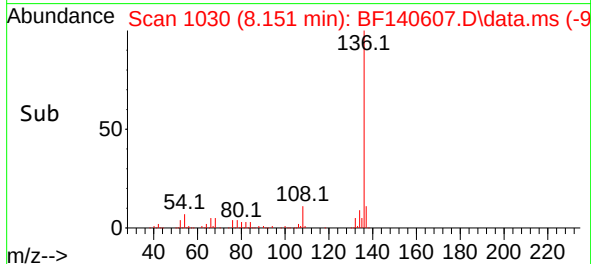
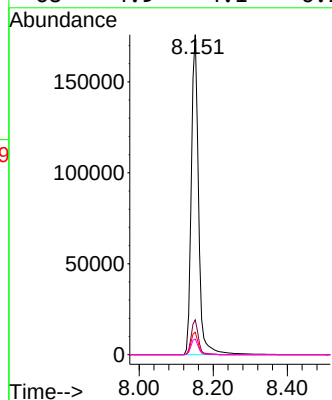
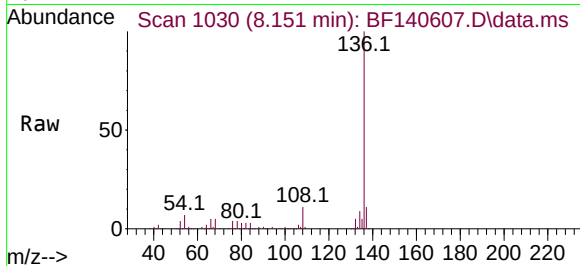


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Instrument :
BNA_F
ClientSampleId :
WB-310-SW

Tgt Ion:136 Resp: 239780

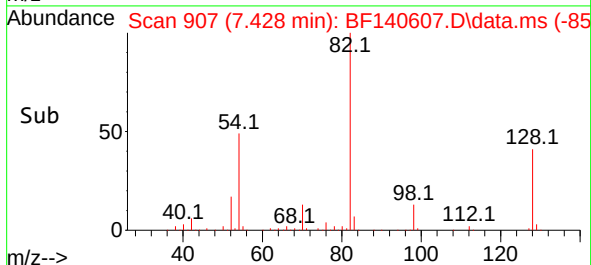
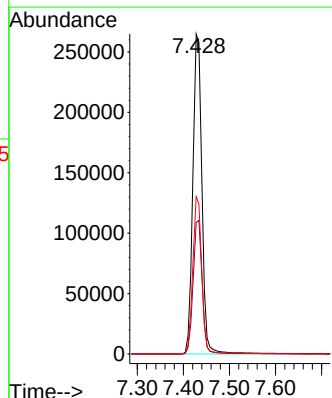
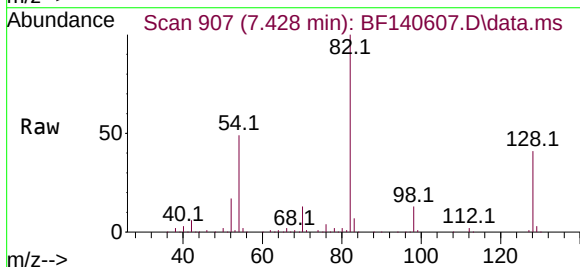
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	5.8	8.8
68	4.9	4.1	6.1

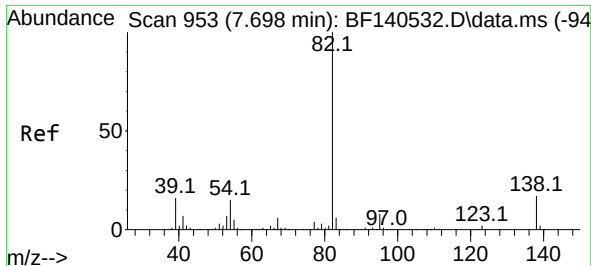


#23
Nitrobenzene-d5
Concen: 77.424 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion: 82 Resp: 362946

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.4
54	49.1	39.5	59.3

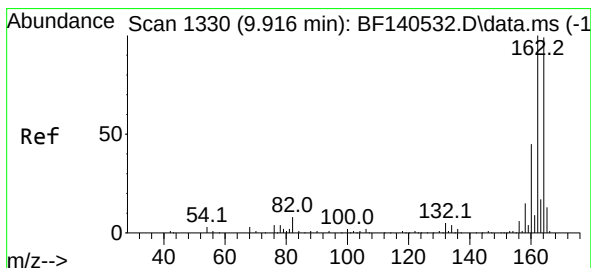
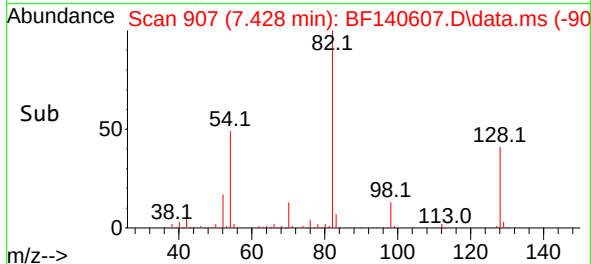
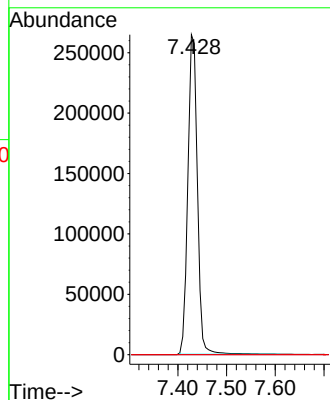
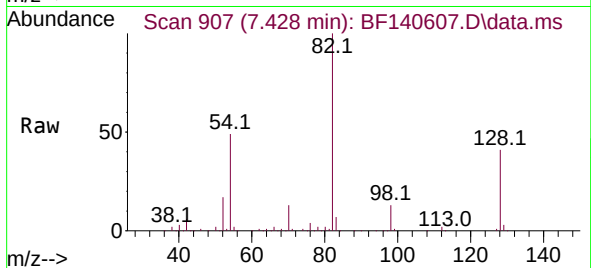




#25
Isophorone
Concen: 45.753 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

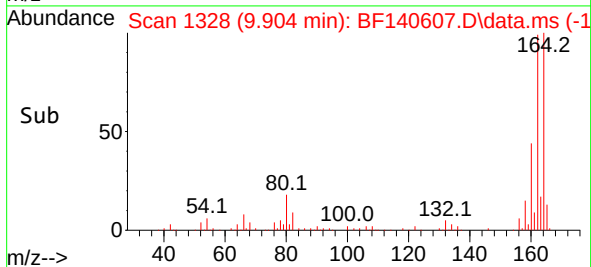
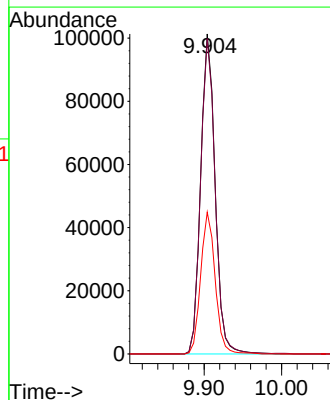
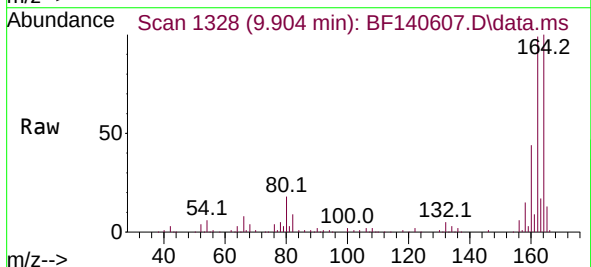
Instrument :
BNA_F
ClientSampleId :
WB-310-SW

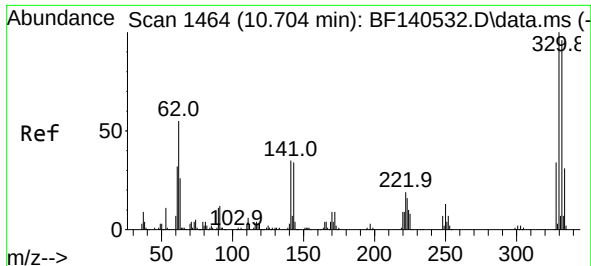
Tgt Ion: 82 Resp: 357731
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion: 164 Resp: 131138
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 44.3 36.2 54.4

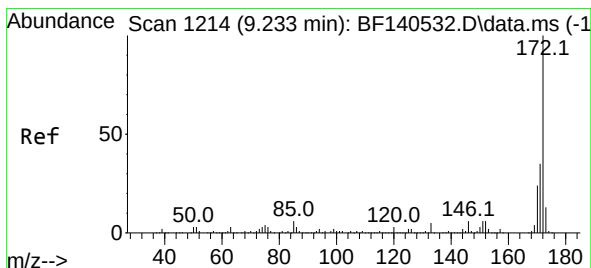
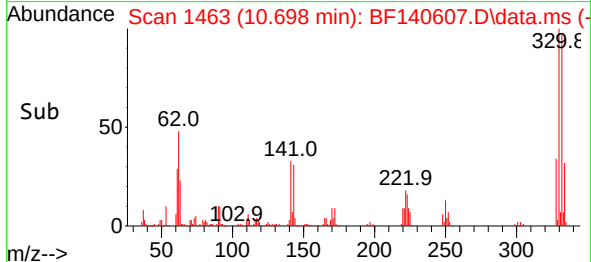
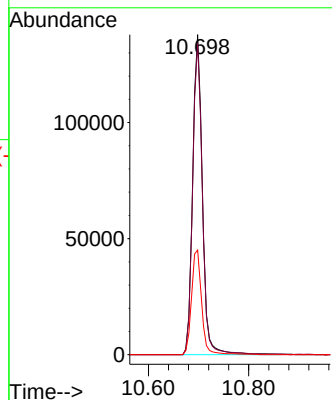
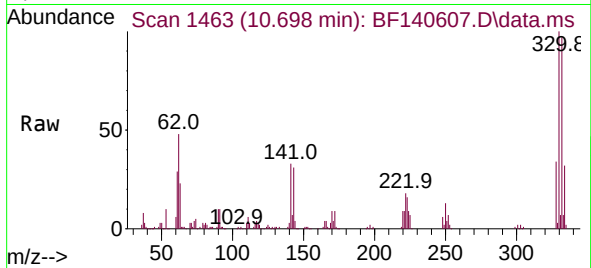




#42
2,4,6-Tribromophenol
Concen: 132.770 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

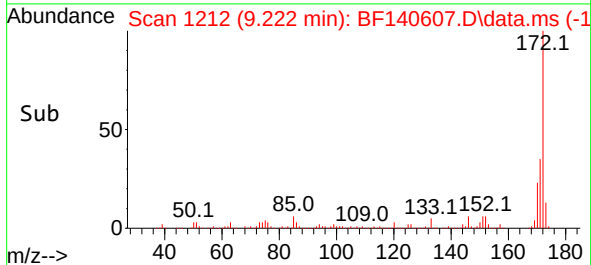
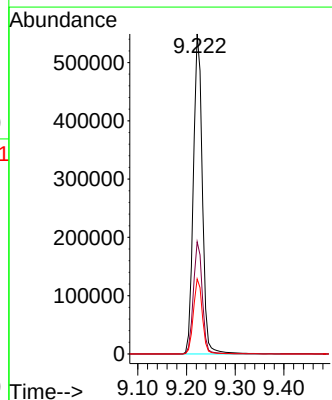
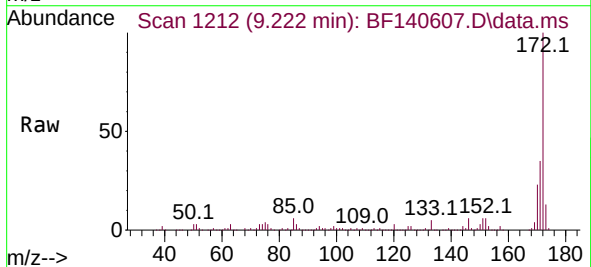
Instrument :
BNA_F
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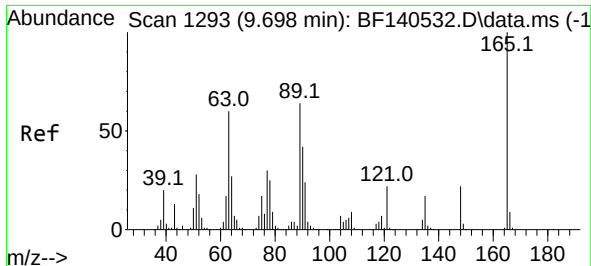
Tgt Ion:330 Resp: 186214
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 34.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 80.240 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion:172 Resp: 706233
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.0 28.6

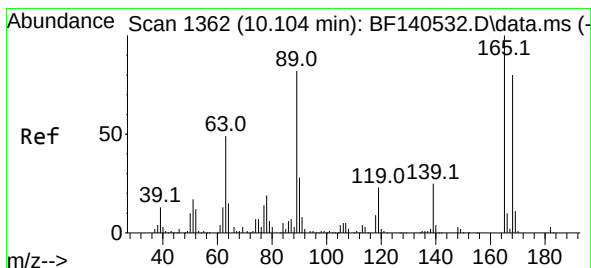
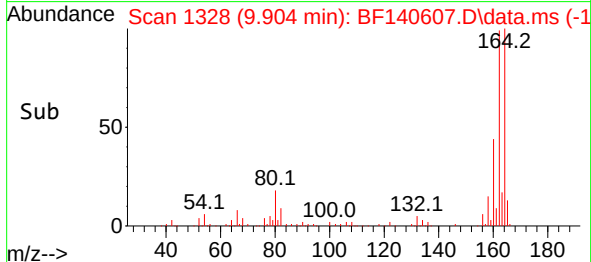
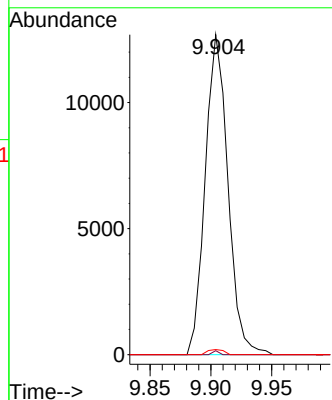
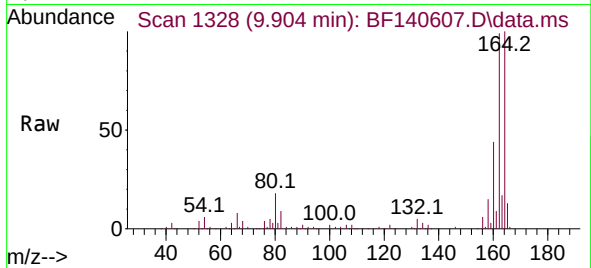




#51
2,6-Dinitrotoluene
Concen: 8.409 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

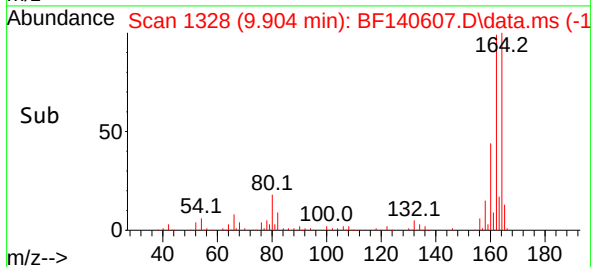
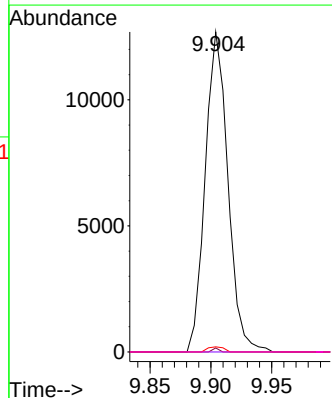
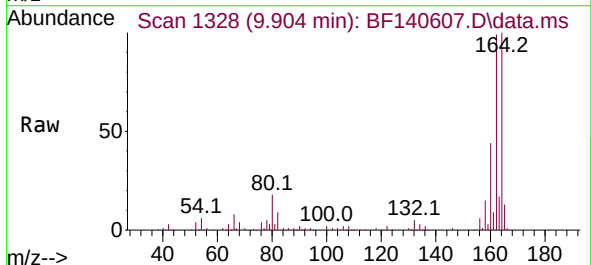
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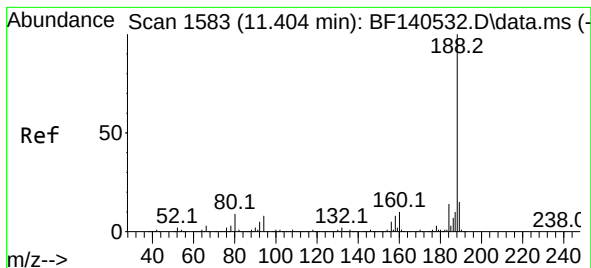
Tgt Ion:165 Resp: 16472
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.6 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140607.D
Acq: 25 Nov 2024 17:15

Tgt Ion:165 Resp: 16472
Ion Ratio Lower Upper
165 100
63 1.2 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Instrument :

BNA_F

ClientSampleId :

WB-310-SW

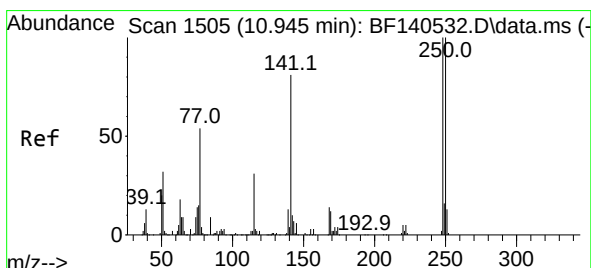
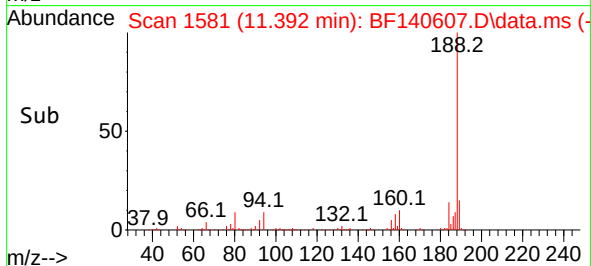
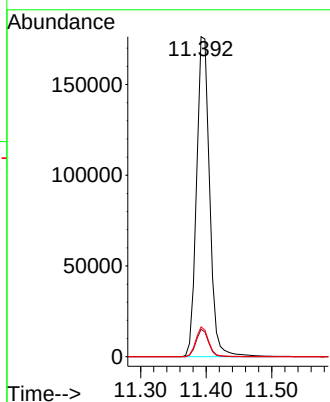
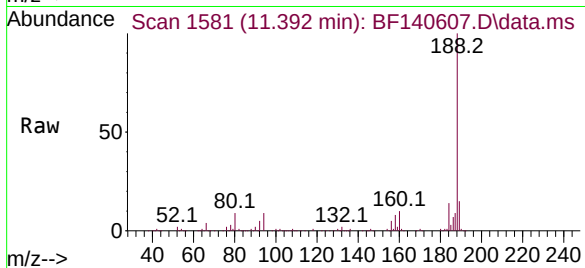
Tgt Ion:188 Resp: 245059

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.3 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.645 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

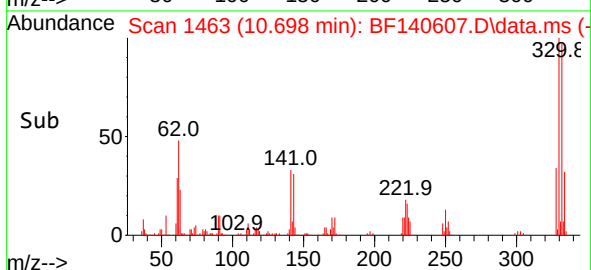
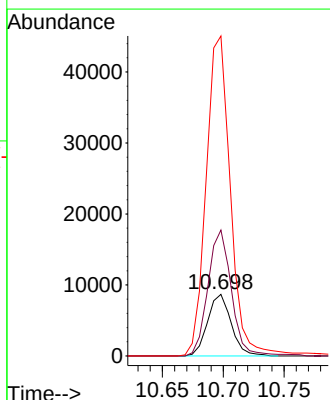
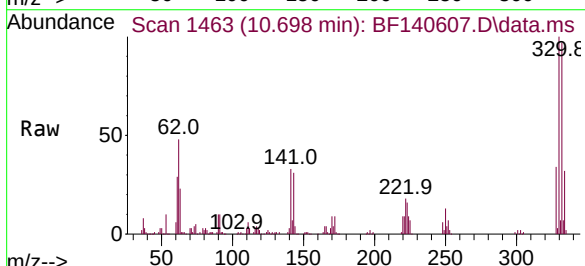
Tgt Ion:248 Resp: 11724

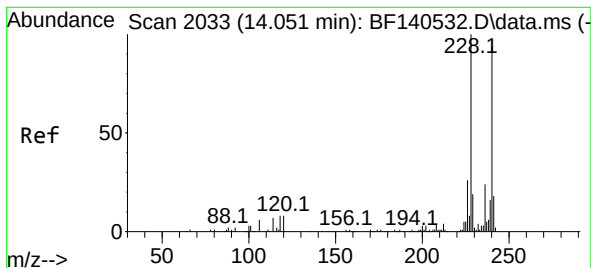
Ion Ratio Lower Upper

248 100

250 204.1 79.8 119.8#

141 519.0 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Instrument :

BNA_F

ClientSampleId :

WB-310-SW

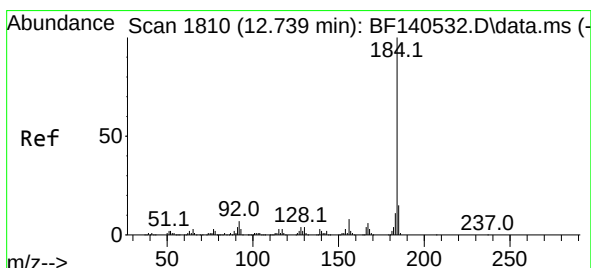
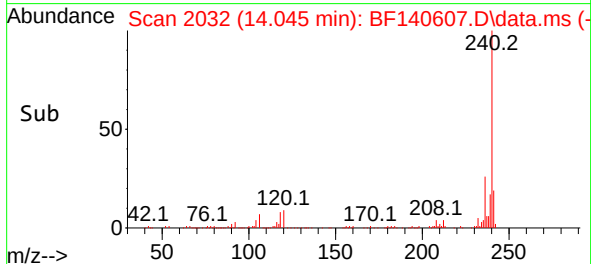
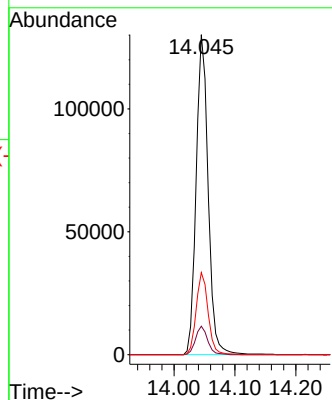
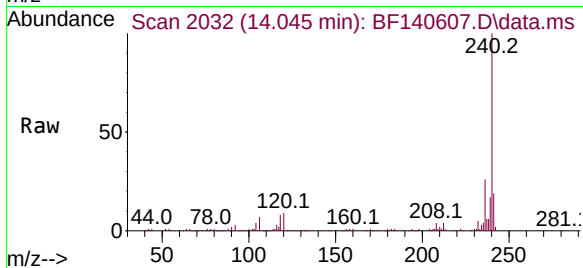
Tgt Ion:240 Resp: 178129

Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 25.7 20.6 31.0



#77

Benidine

Concen: 2.612 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

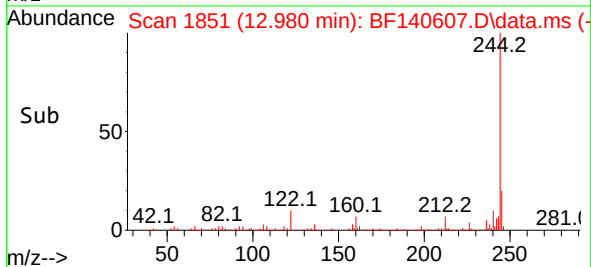
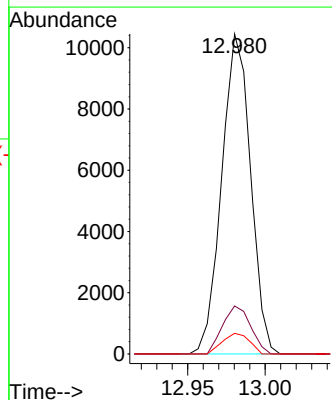
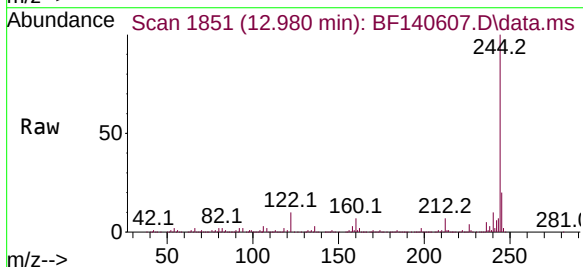
Tgt Ion:184 Resp: 13528

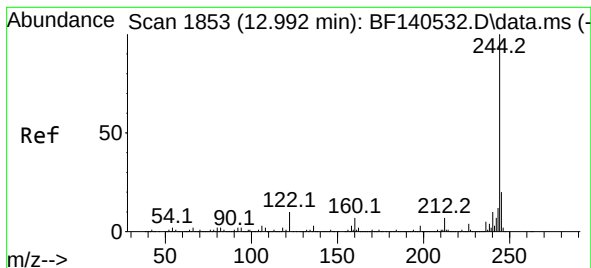
Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

183 6.4 8.8 13.2#





#79

Terphenyl-d14

Concen: 84.106 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Instrument :

BNA_F

ClientSampleId :

WB-310-SW

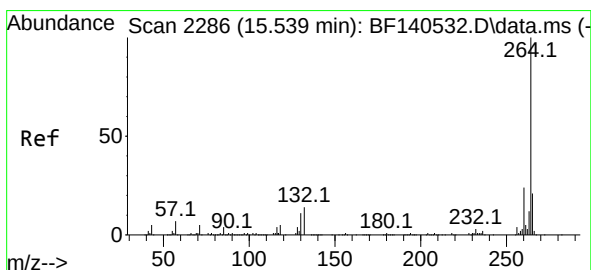
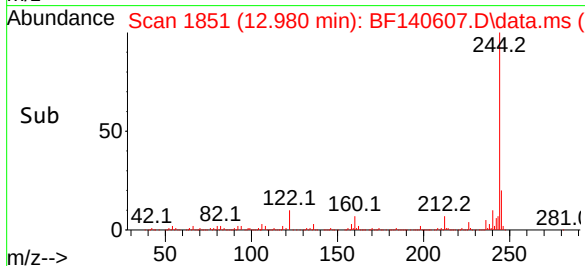
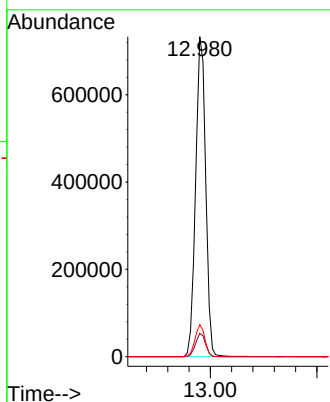
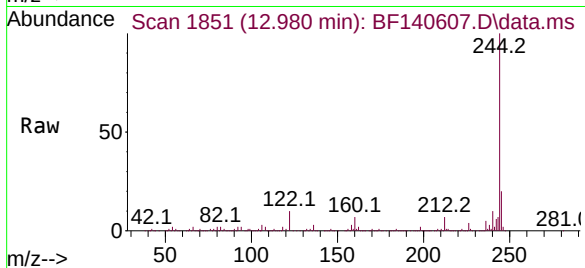
Tgt Ion:244 Resp: 962141

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140607.D

Acq: 25 Nov 2024 17:15

Tgt Ion:264 Resp: 139529

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 20.9 16.6 25.0

