

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140612.D
 Acq On : 25 Nov 2024 19:26
 Operator : RC/JU
 Sample : P4892-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOT

Quant Time: Nov 26 00:09:12 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)

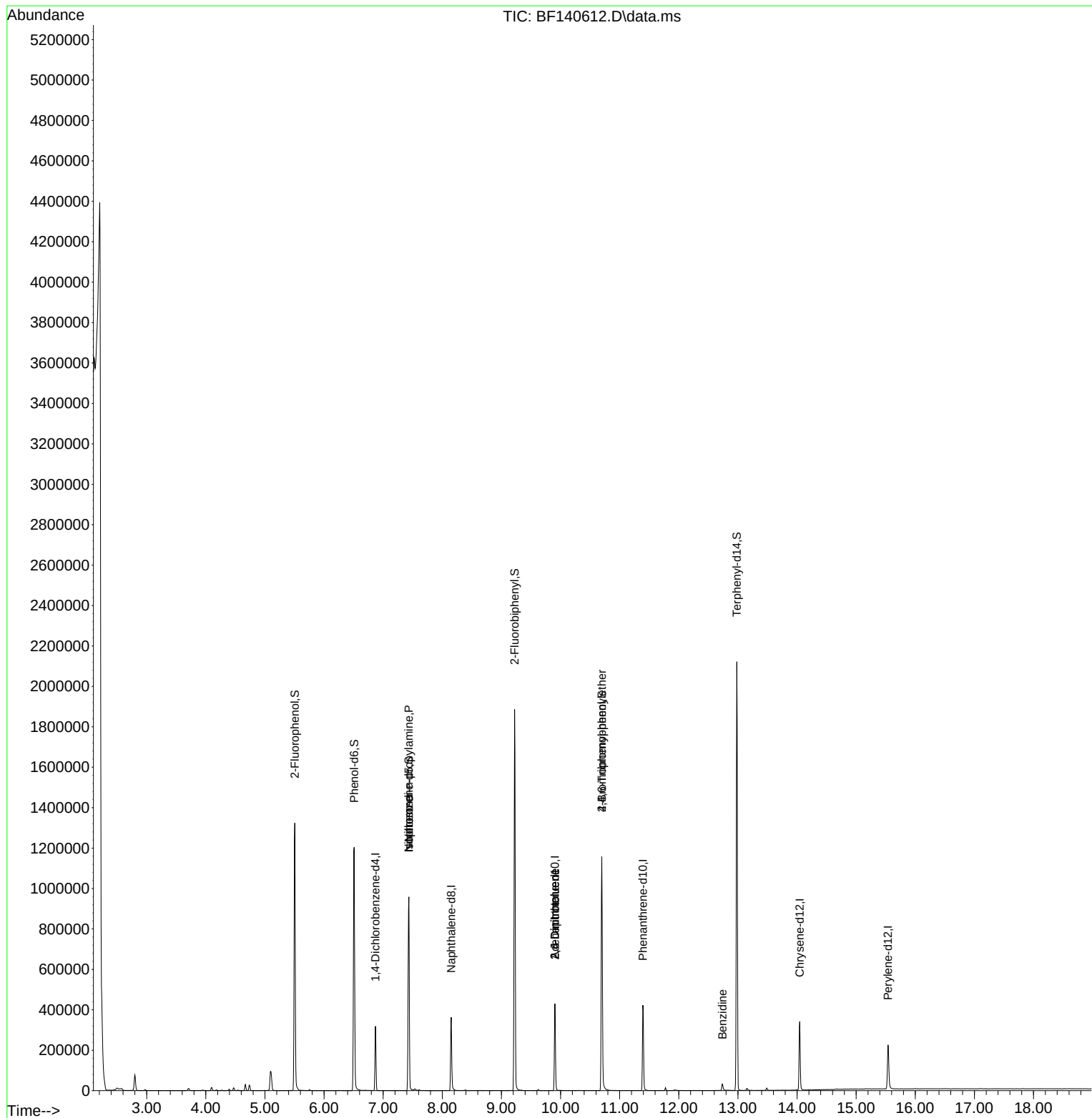
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64242	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	241000	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	131433	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	245421	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	173047	20.000	ng	0.00
86) Perylene-d12	15.539	264	147144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	505173	134.169	ng	0.00
7) Phenol-d6	6.510	99	596508	119.837	ng	0.00
23) Nitrobenzene-d5	7.434	82	455735	96.726	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	210116	149.476	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	836033	94.774	ng	-0.01
79) Terphenyl-d14	12.980	244	1036504	93.268	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	62381	21.205	ng	# 74
25) Isophorone	7.434	82	452136	57.534	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	16687	8.500	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	16687	6.396	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	13519	5.349	ng	# 1
77) Benzydine	12.739	184	27063	5.379	ng	98

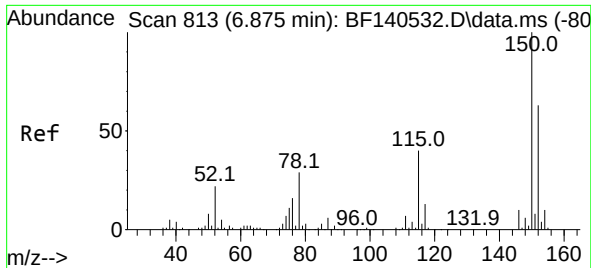
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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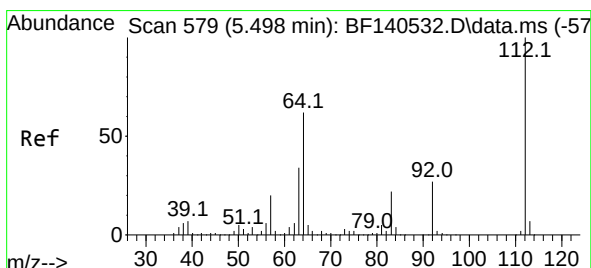
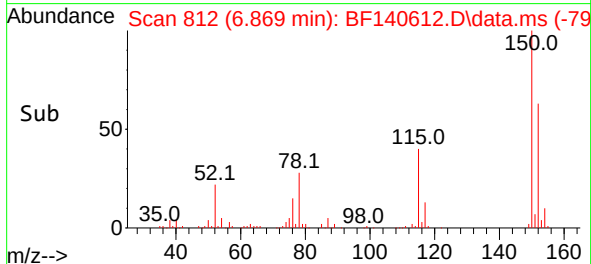
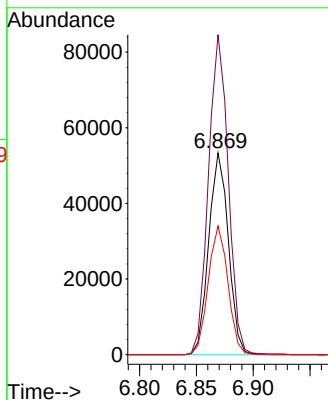
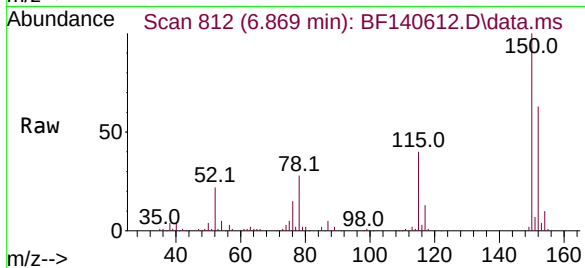




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

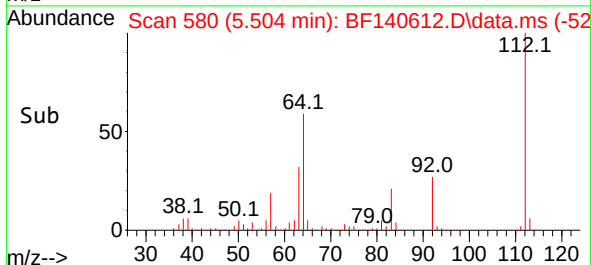
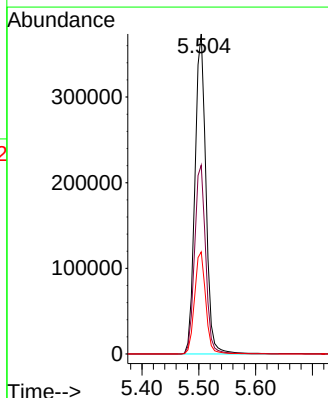
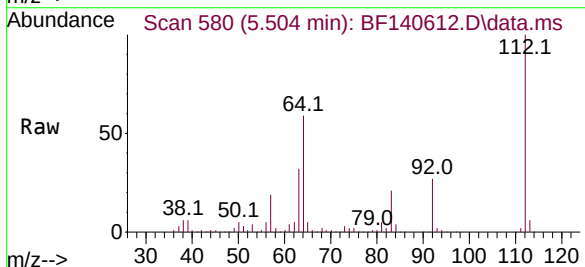
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

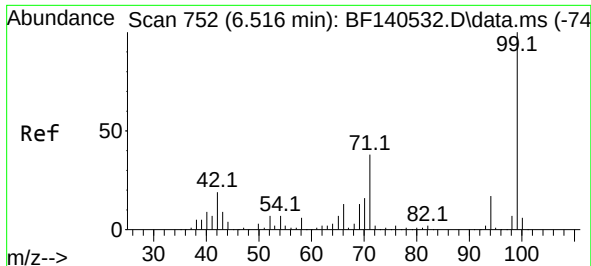
Tgt Ion:152 Resp: 64242
Ion Ratio Lower Upper
152 100
150 158.6 128.5 192.7
115 63.7 50.2 75.4



#5
2-Fluorophenol
Concen: 134.169 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion:112 Resp: 505173
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.9 27.0 40.4





#7

Phenol-d6

Concen: 119.837 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

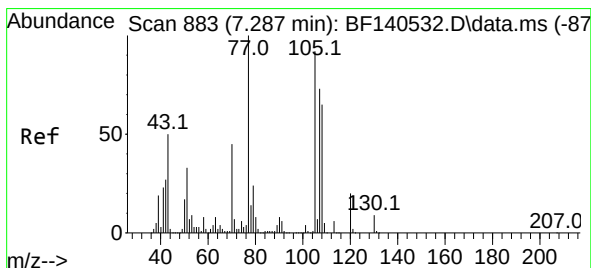
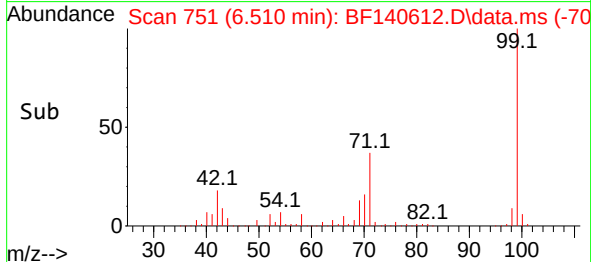
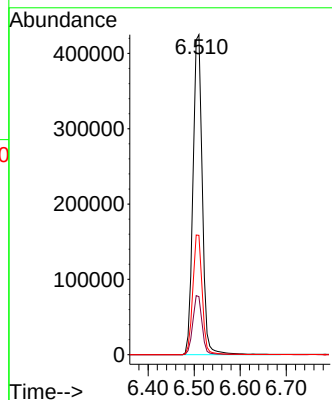
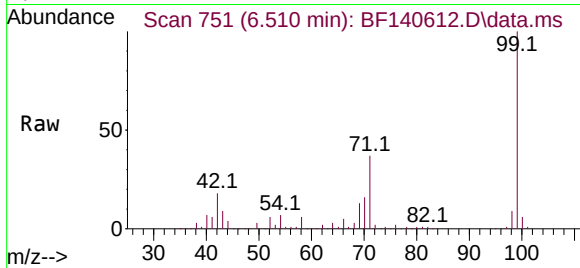
Tgt Ion: 99 Resp: 596508

Ion Ratio Lower Upper

99 100

42 18.1 15.4 23.0

71 37.3 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 21.205 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

Tgt Ion: 70 Resp: 62381

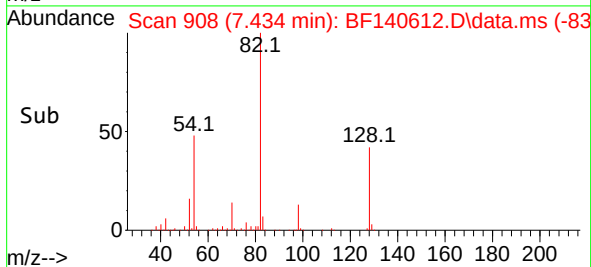
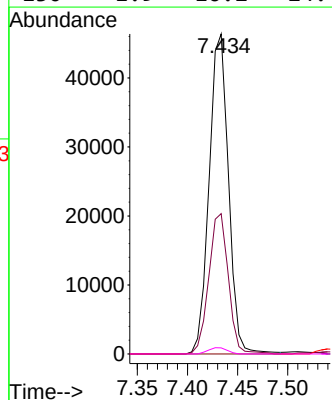
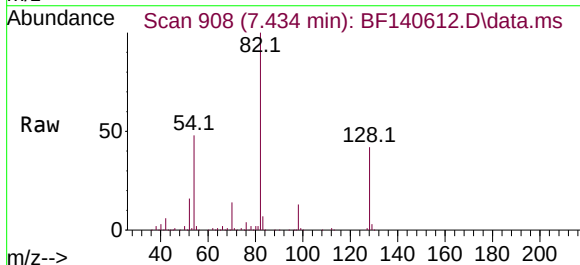
Ion Ratio Lower Upper

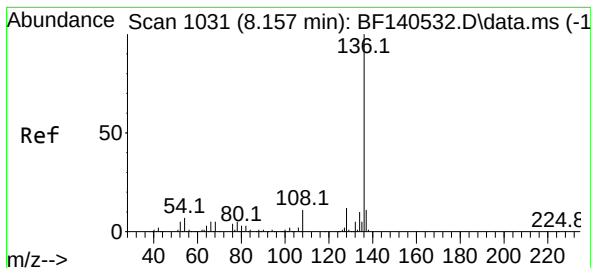
70 100

42 43.9 47.6 71.4#

101 0.0 7.6 11.4#

130 1.9 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

Tgt Ion:136 Resp: 241000

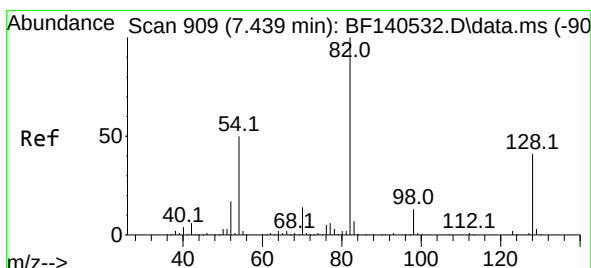
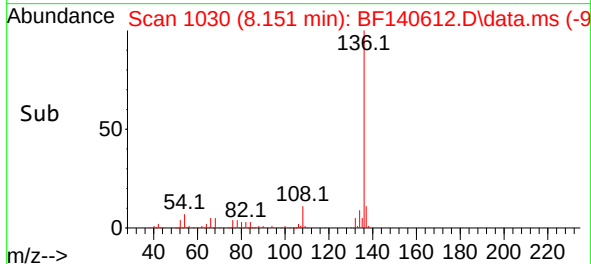
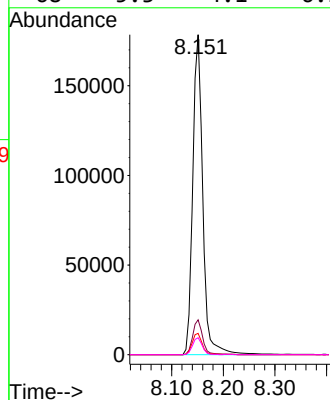
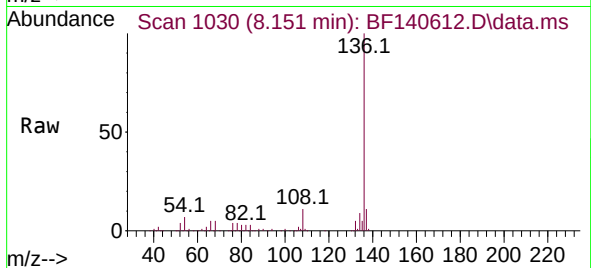
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.6 5.8 8.8

68 5.3 4.1 6.1



#23

Nitrobenzene-d5

Concen: 96.726 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

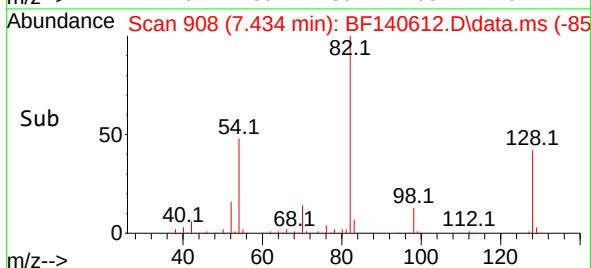
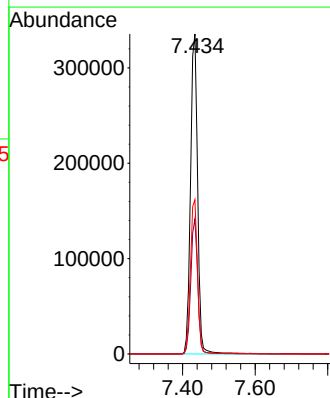
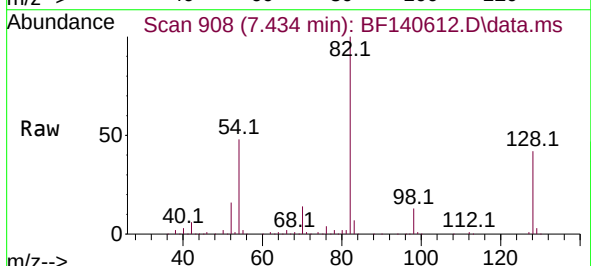
Tgt Ion: 82 Resp: 455735

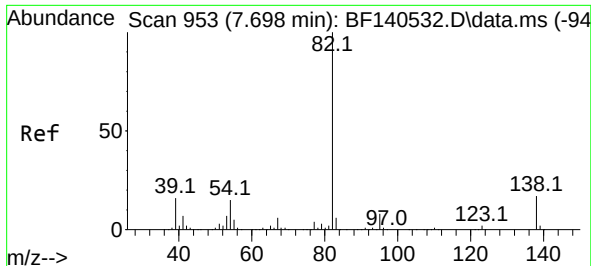
Ion Ratio Lower Upper

82 100

128 42.2 33.0 49.4

54 48.2 39.5 59.3

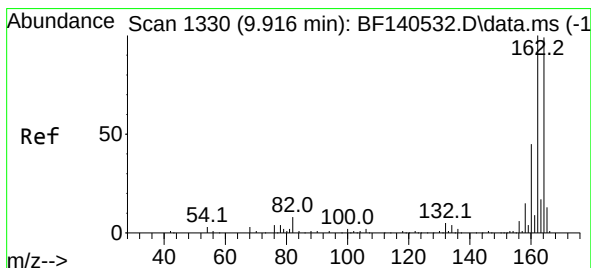
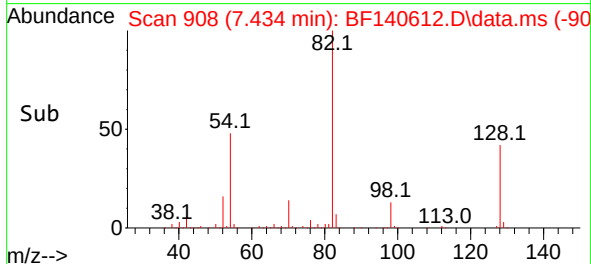
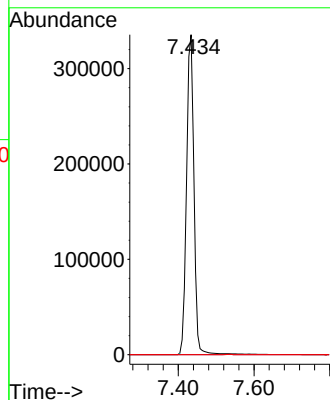
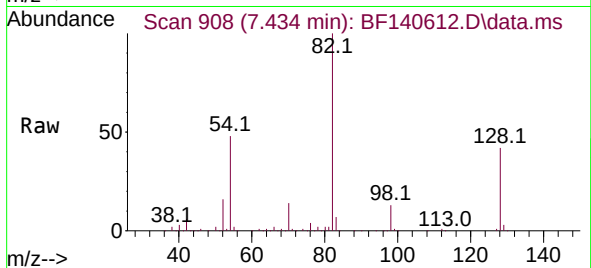




#25
Isophorone
Concen: 57.534 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

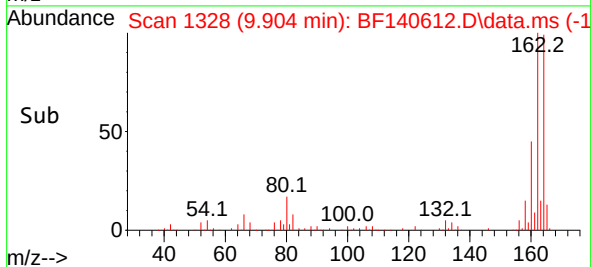
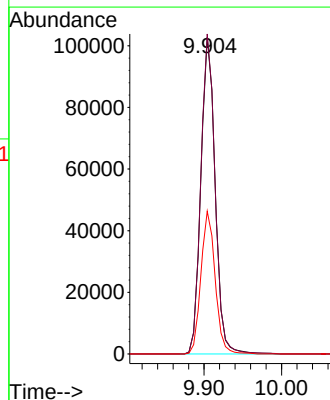
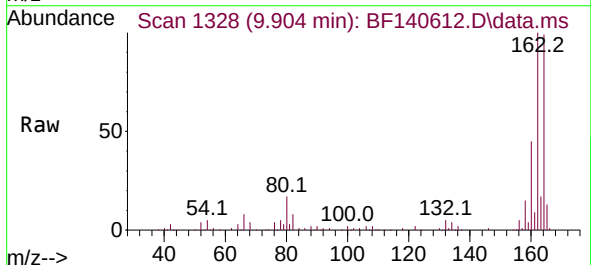
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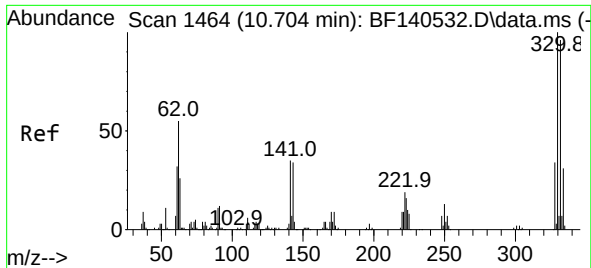
Tgt Ion: 82 Resp: 452136
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 164 Resp: 131433
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.1 36.2 54.4

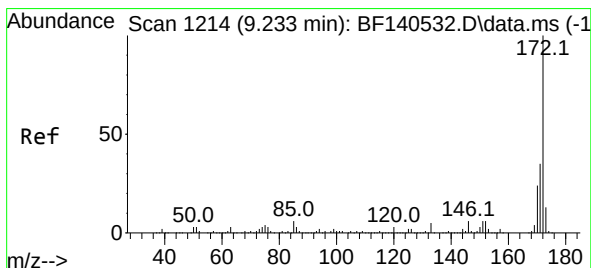
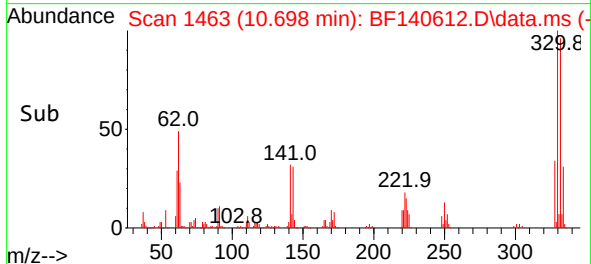
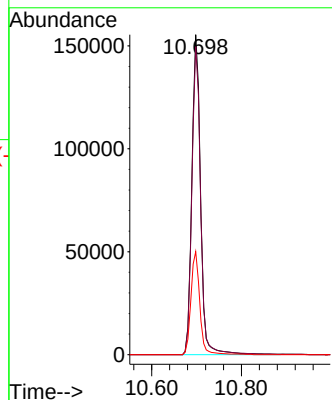
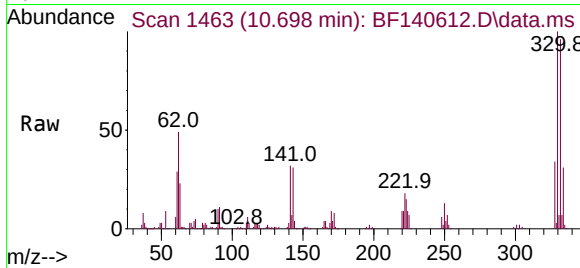




#42
 2,4,6-Tribromophenol
 Concen: 149.476 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140612.D
 Acq: 25 Nov 2024 19:26

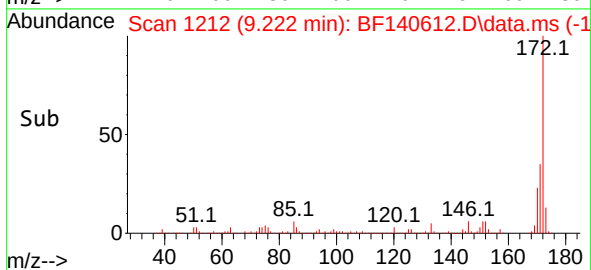
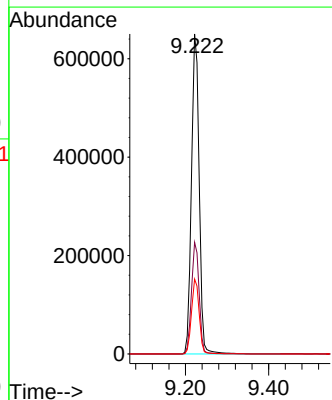
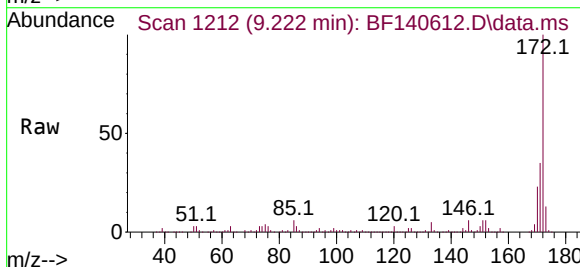
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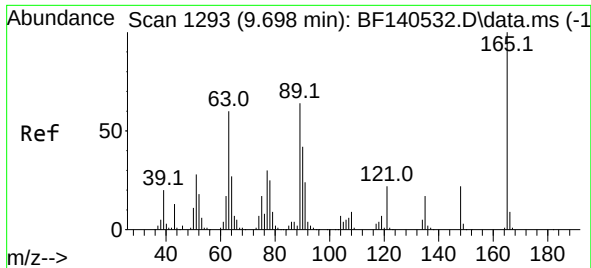
Tgt Ion: 330 Resp: 210116
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 32.7 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 94.774 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.012 min
 Lab File: BF140612.D
 Acq: 25 Nov 2024 19:26

Tgt Ion: 172 Resp: 836033
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 23.4 19.0 28.6

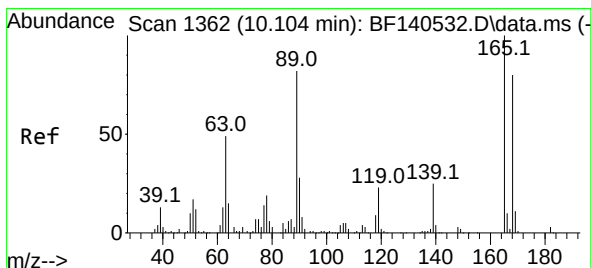
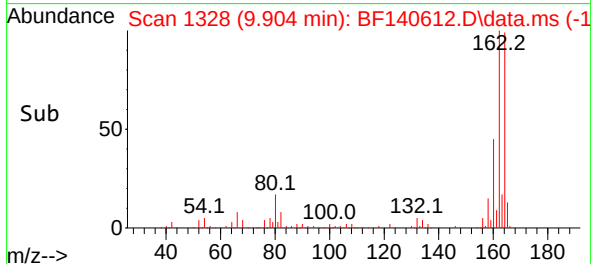
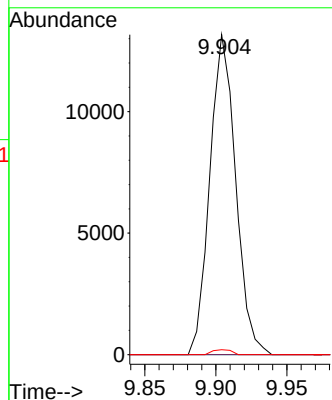
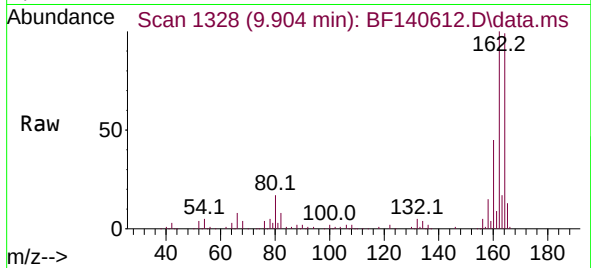




#51
2,6-Dinitrotoluene
Concen: 8.500 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

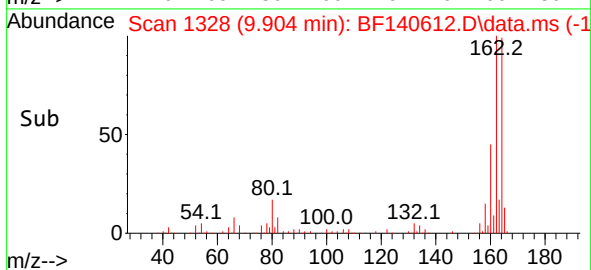
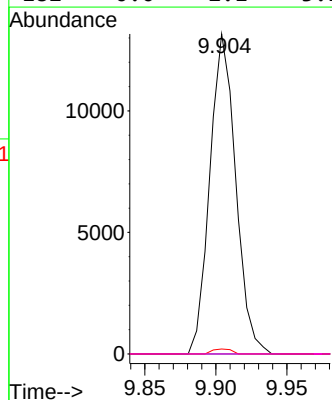
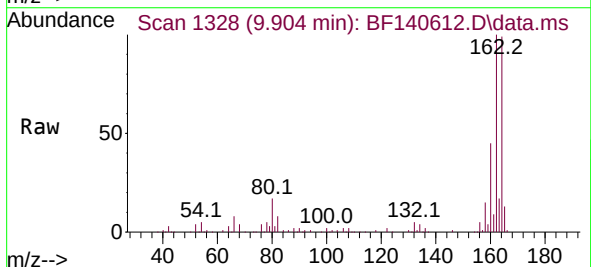
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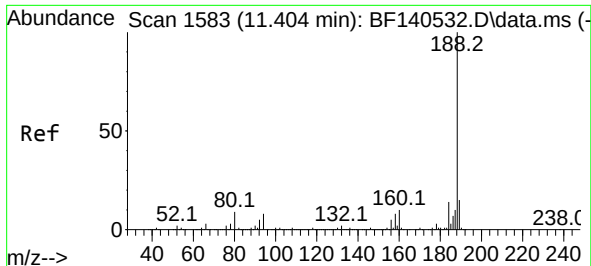
Tgt Ion:165 Resp: 16687
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.6 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.396 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion:165 Resp: 16687
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#

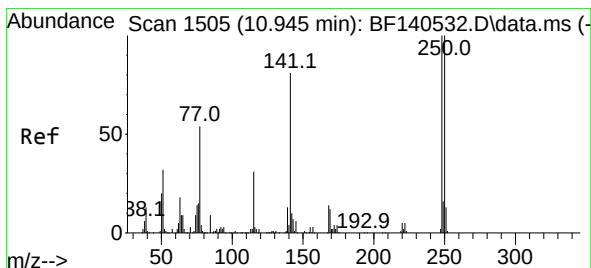
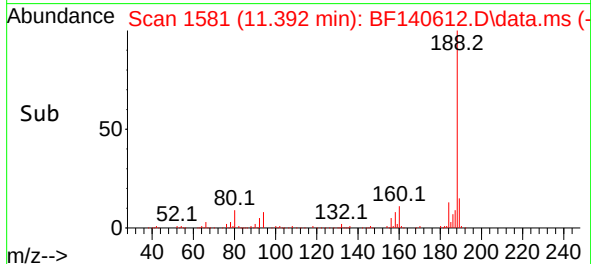
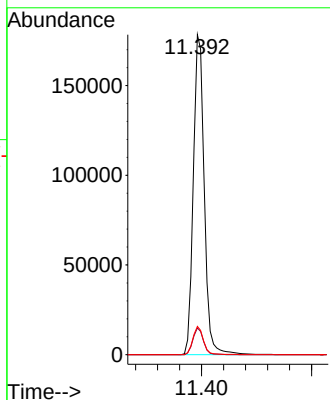
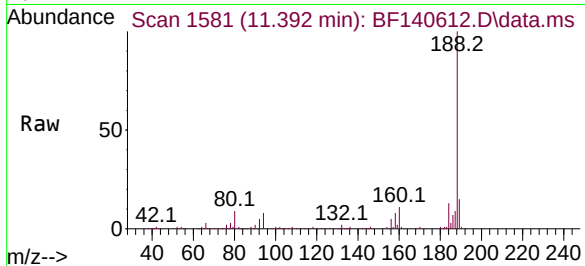




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

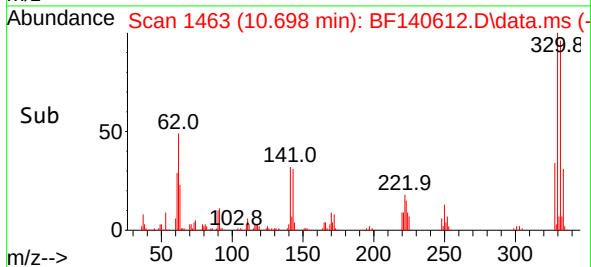
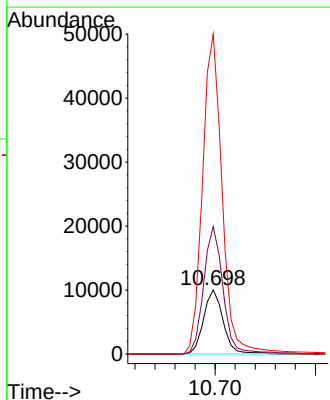
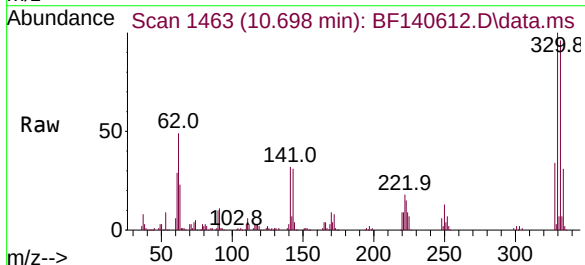
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

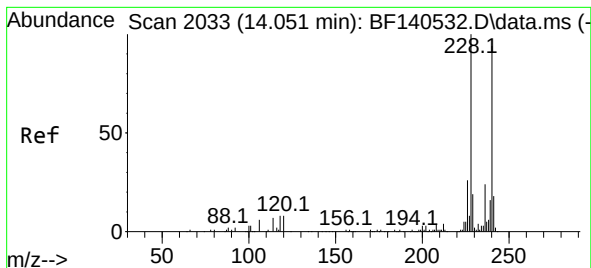
Tgt Ion:188 Resp: 245421
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.8 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 5.349 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion:248 Resp: 13519
Ion Ratio Lower Upper
248 100
250 198.8 79.8 119.8#
141 499.2 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: BF140612.D

Acq: 25 Nov 2024 19:26

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

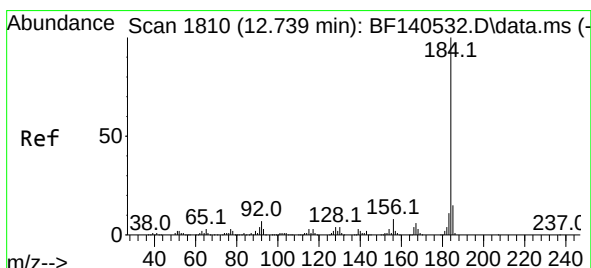
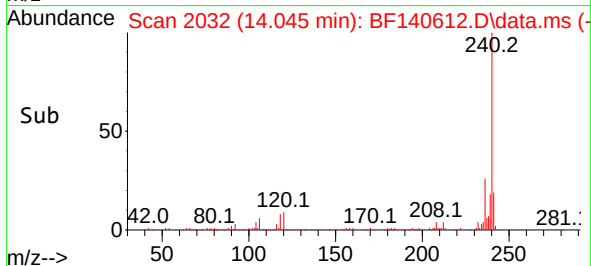
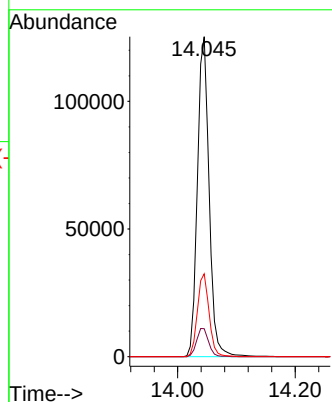
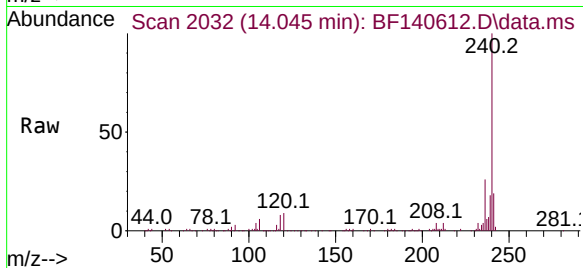
Tgt Ion:240 Resp: 173047

Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 25.9 20.6 31.0



#77

Benzidine

Concen: 5.379 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

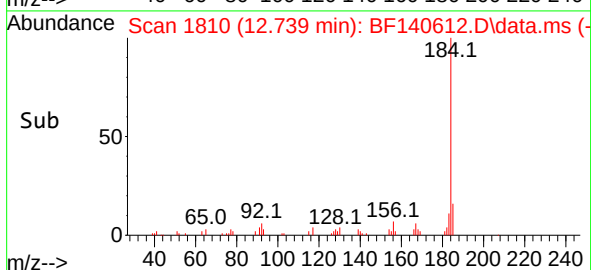
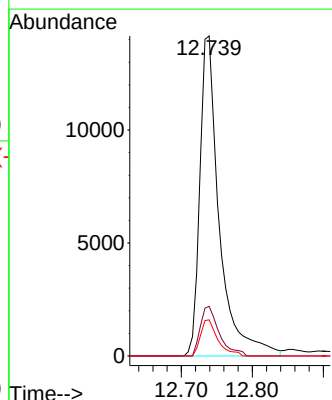
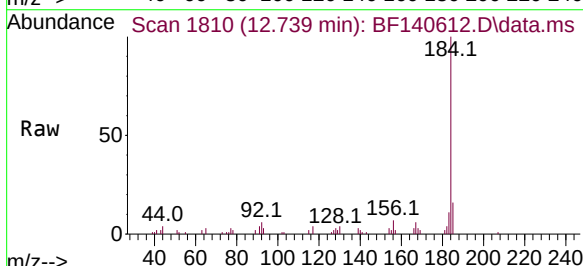
Tgt Ion:184 Resp: 27063

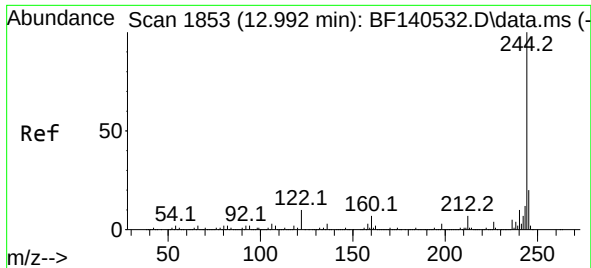
Ion Ratio Lower Upper

184 100

185 15.5 11.7 17.5

183 11.3 8.8 13.2

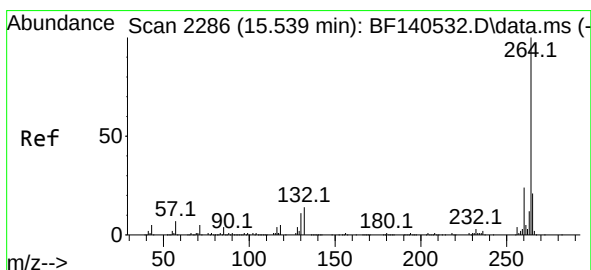
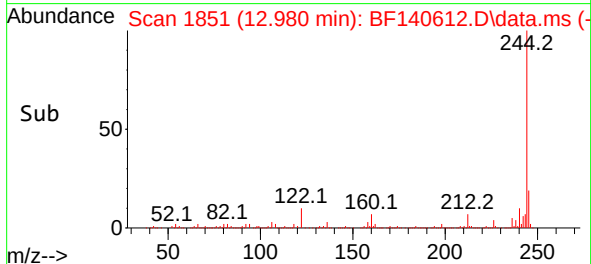
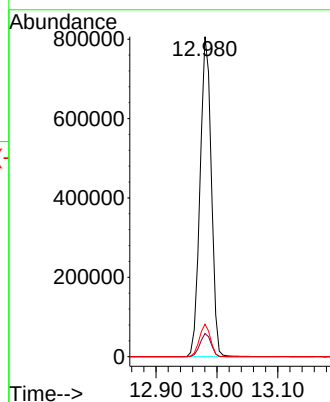
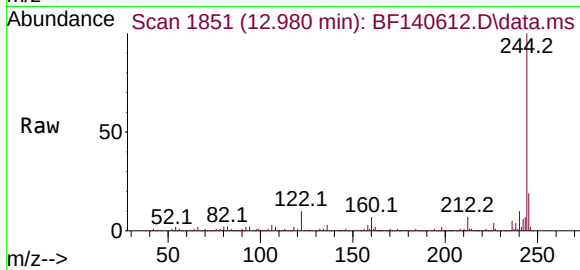




#79
 Terphenyl-d14
 Concen: 93.268 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140612.D
 Acq: 25 Nov 2024 19:26

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOT

Tgt Ion:244 Resp: 1036504
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140612.D
 Acq: 25 Nov 2024 19:26

Tgt Ion:264 Resp: 147144
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.9 16.6 25.0

