

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140847.D
 Acq On : 13 Dec 2024 16:36
 Operator : RC/JU
 Sample : P5239-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1RE

Quant Time: Dec 13 17:56:18 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)

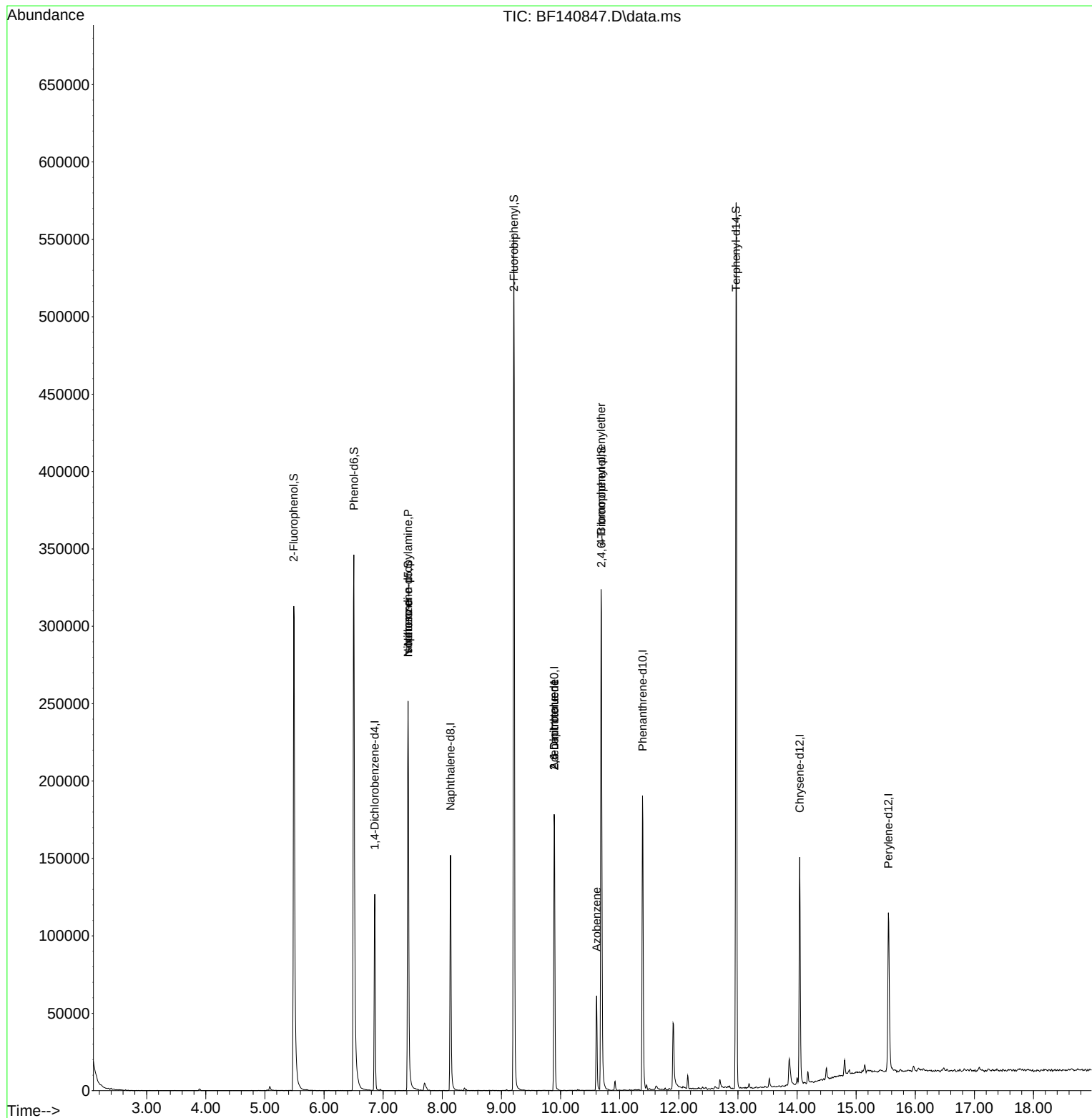
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	28172	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	106495	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	58905	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	116016	20.000	ng	-0.02
76) Chrysene-d12	14.045	240	79381	20.000	ng	0.00
86) Perylene-d12	15.545	264	76682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	154183	93.379	ng	-0.01
7) Phenol-d6	6.504	99	206153	94.442	ng	-0.01
23) Nitrobenzene-d5	7.422	82	128503	61.721	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	63289	100.460	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	252478	63.862	ng	-0.02
79) Terphenyl-d14	12.969	244	284220	55.752	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	16451	12.752	ng	# 77
25) Isophorone	7.422	82	128502	37.004	ng	# 66
51) 2,6-Dinitrotoluene	9.892	165	7588	8.624	ng	# 19
57) 2,4-Dinitrotoluene	9.892	165	7588	6.489	ng	# 17
63) Azobenzene	10.610	77	18048	4.835	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	3847	3.220	ng	# 1

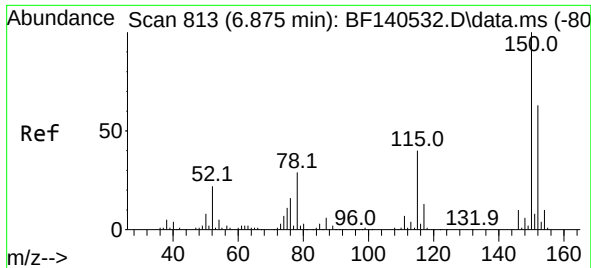
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
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QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

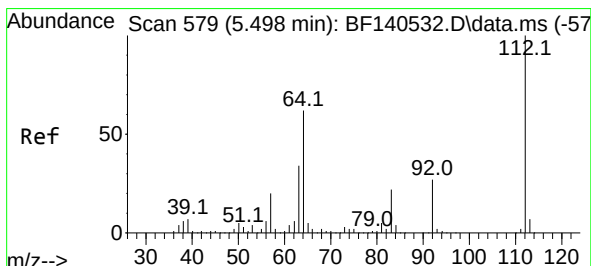
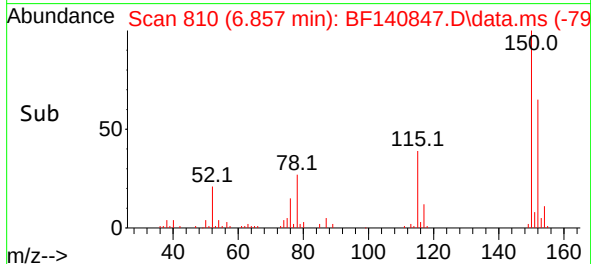
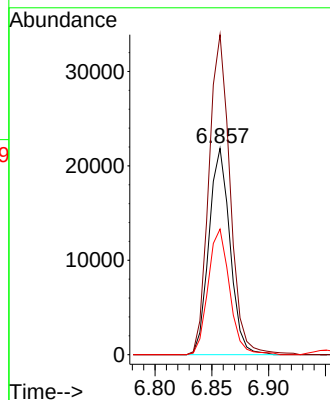
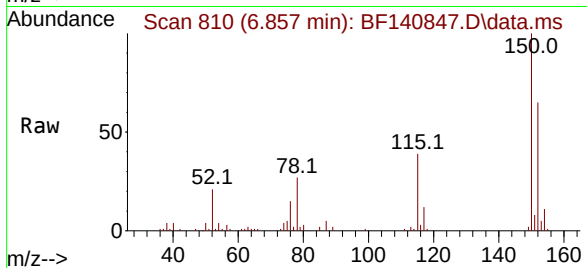




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

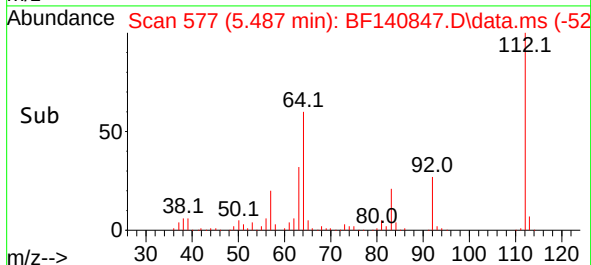
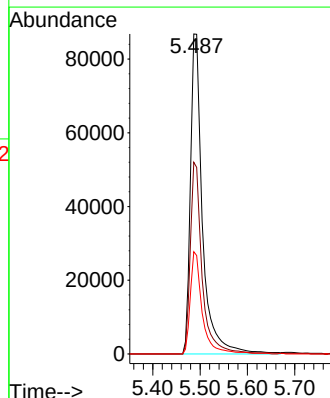
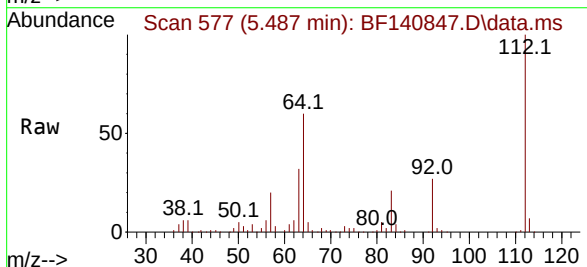
Instrument :
BNA_F
ClientSampleId :
WC-1RE

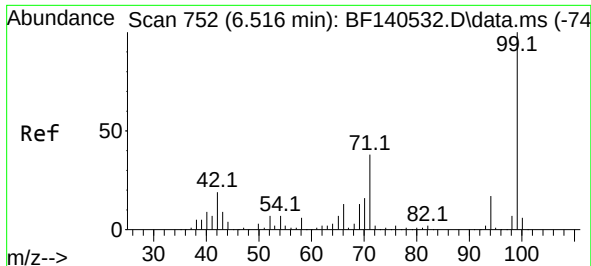
Tgt Ion:152 Resp: 28172
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 93.379 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:112 Resp: 154183
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.0 27.0 40.4

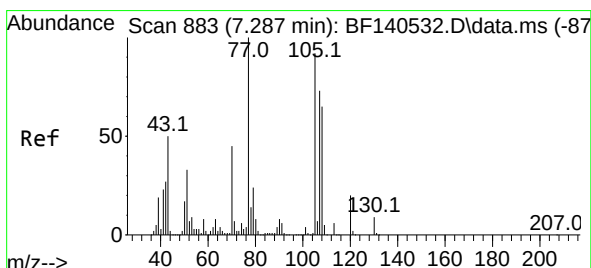
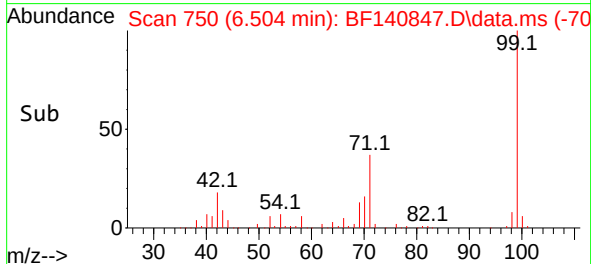
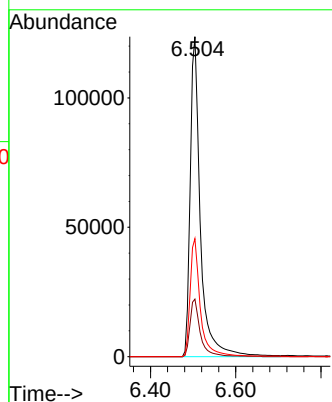
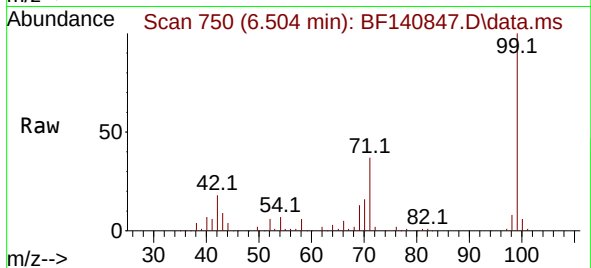




#7
Phenol-d6
Concen: 94.442 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

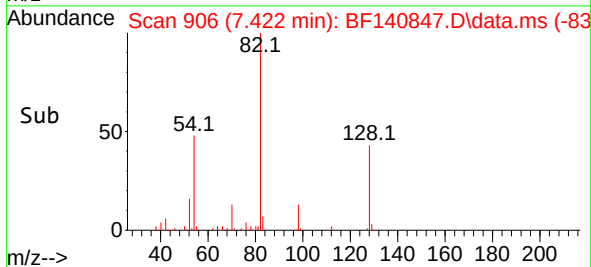
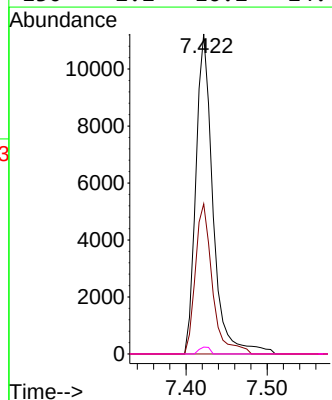
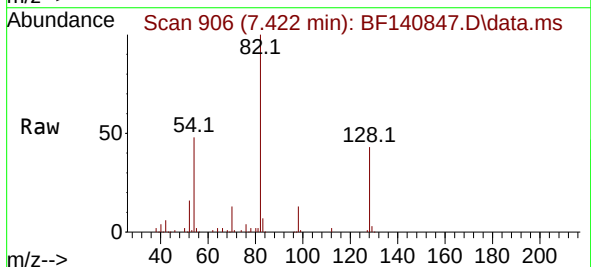
Instrument :
BNA_F
ClientSampleId :
WC-1RE

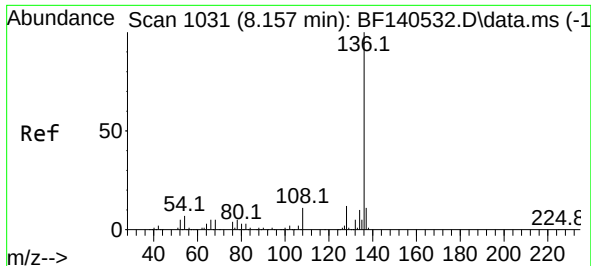
Tgt Ion: 99 Resp: 206153
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.752 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion: 70 Resp: 16451
Ion Ratio Lower Upper
70 100
42 46.9 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#

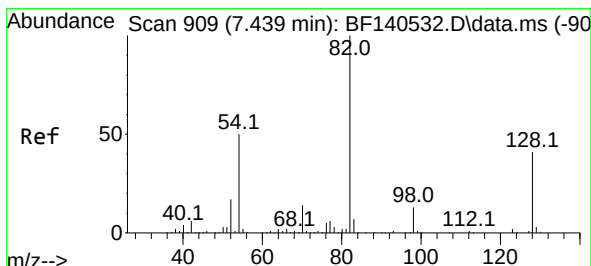
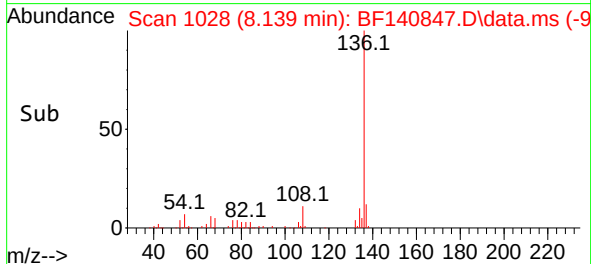
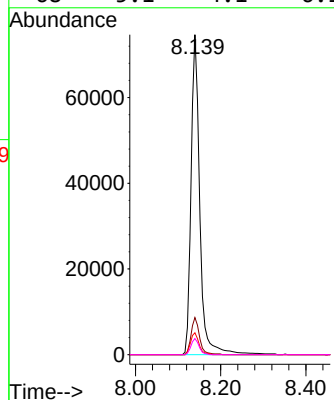
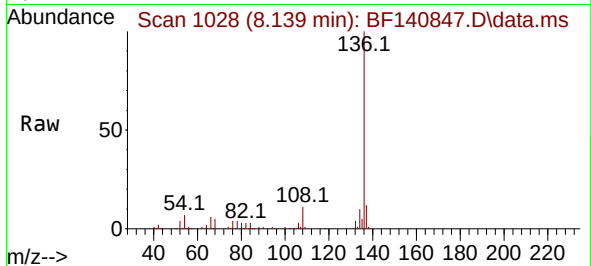




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

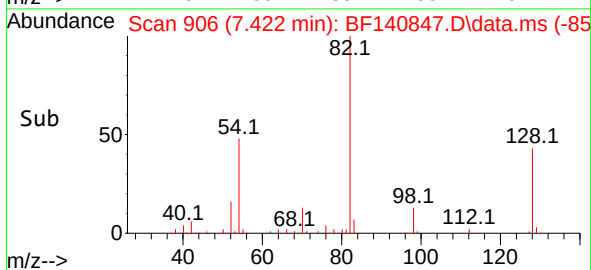
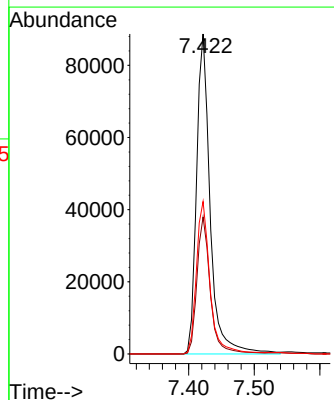
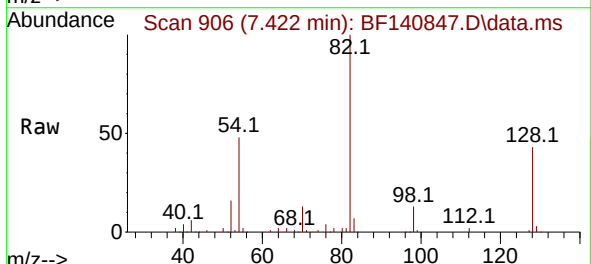
Instrument :
BNA_F
ClientSampleId :
WC-1RE

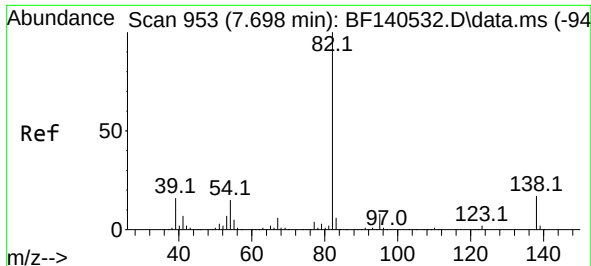
Tgt Ion:	136	Resp:	106495
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	6.9	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 61.721 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:	82	Resp:	128503
Ion Ratio	Lower	Upper	
82	100		
128	42.8	33.0	49.4
54	47.7	39.5	59.3

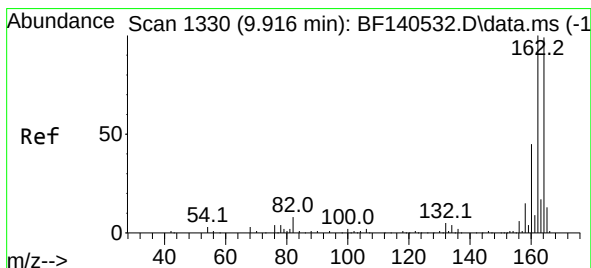
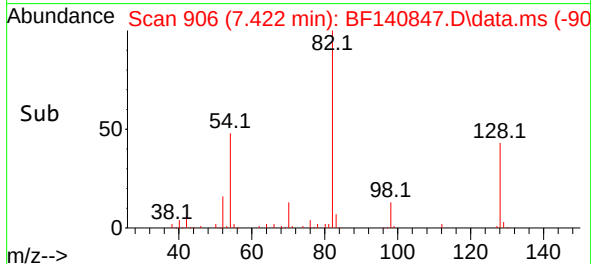
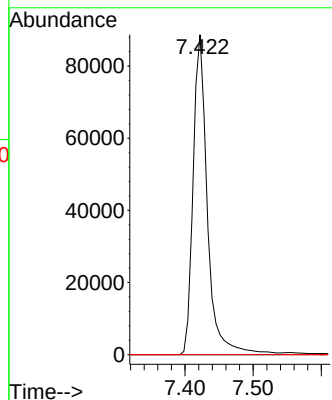
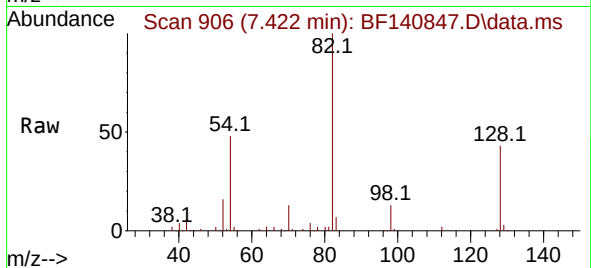




#25
Isophorone
Concen: 37.004 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

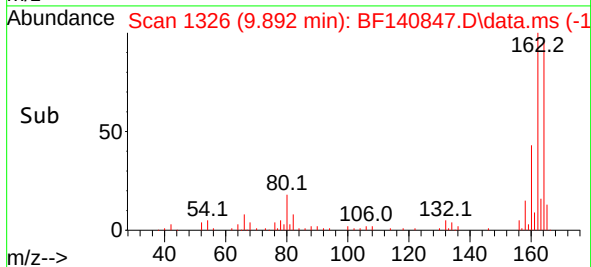
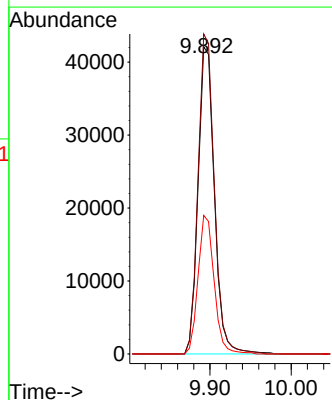
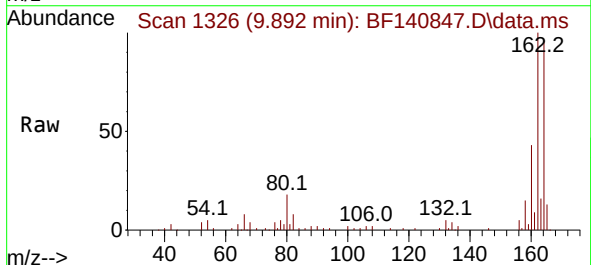
Instrument :
BNA_F
ClientSampleId :
WC-1RE

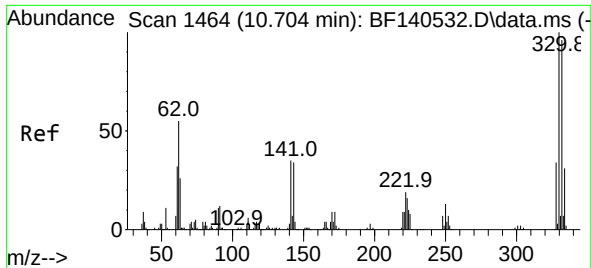
Tgt Ion: 82 Resp: 128502
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.023 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:164 Resp: 58905
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 45.1 36.2 54.4

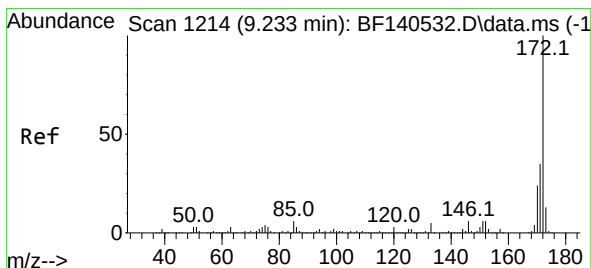
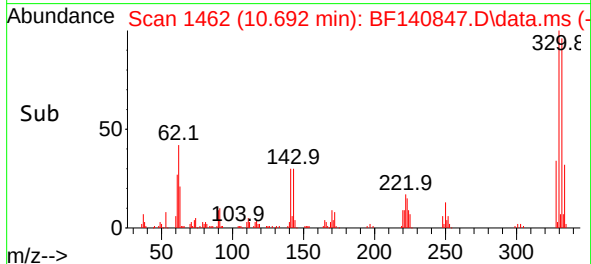
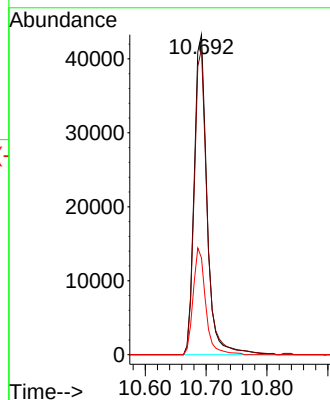
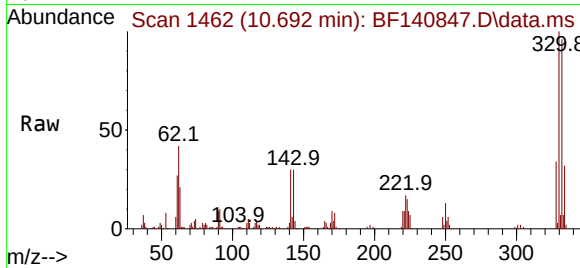




#42
2,4,6-Tribromophenol
Concen: 100.460 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

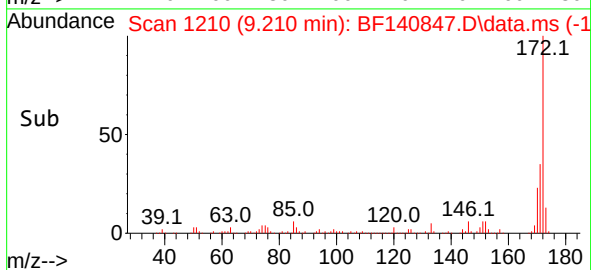
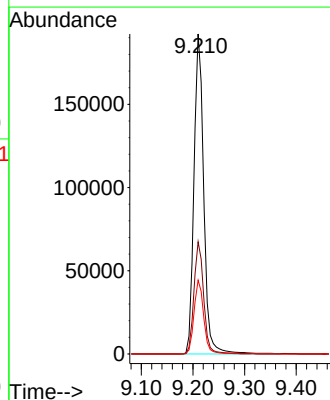
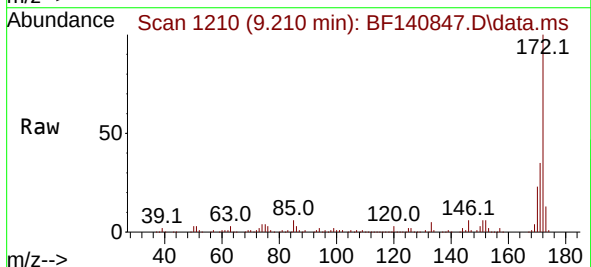
Instrument :
BNA_F
ClientSampleId :
WC-1RE

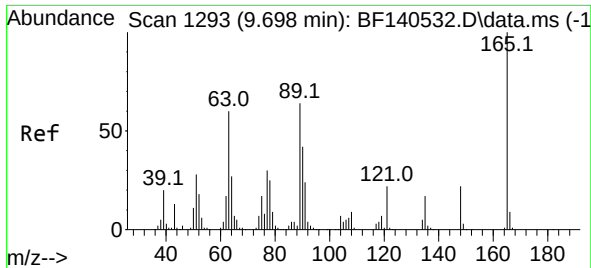
Tgt Ion:330 Resp: 63289
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 32.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 63.862 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.023 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:172 Resp: 252478
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.0 19.0 28.6

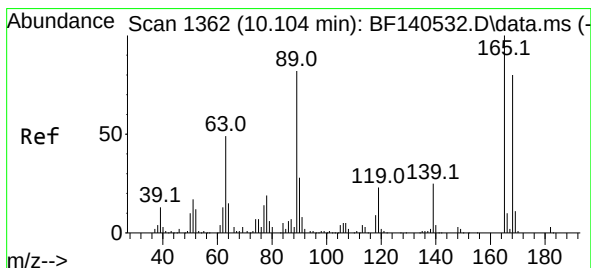
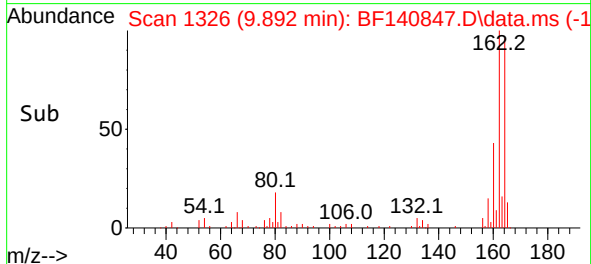
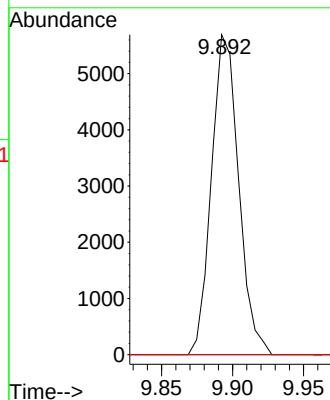
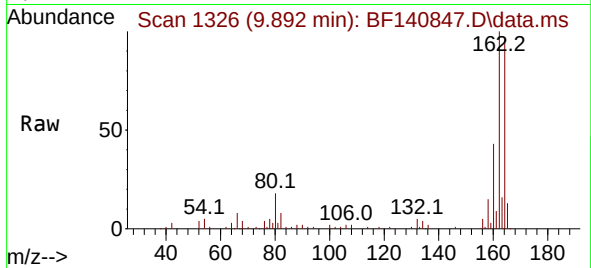




#51
2,6-Dinitrotoluene
Concen: 8.624 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

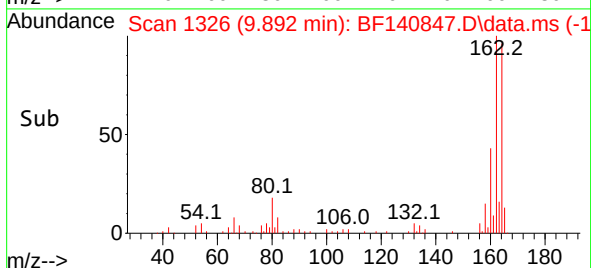
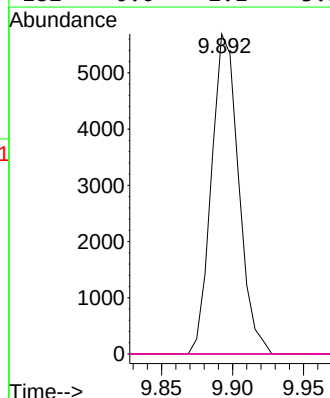
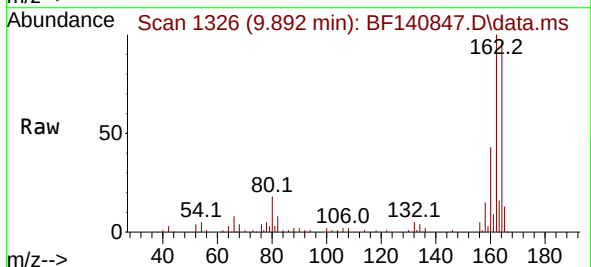
Instrument :
BNA_F
ClientSampleId :
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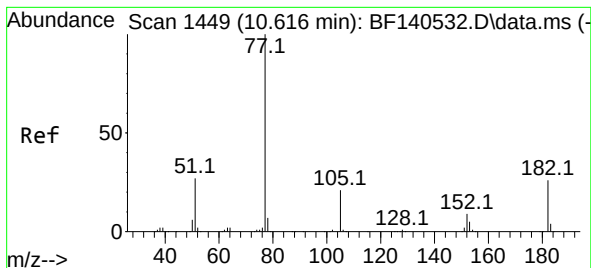
Tgt Ion:165 Resp: 7588
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.212 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:165 Resp: 7588
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 4.835 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

Instrument :

BNA_F

ClientSampleId :

WC-1RE

Tgt Ion: 77 Resp: 18048

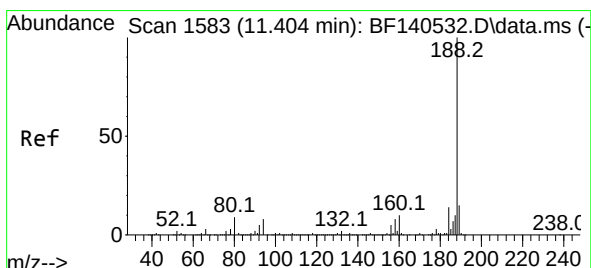
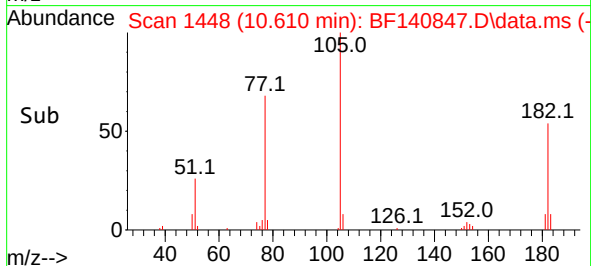
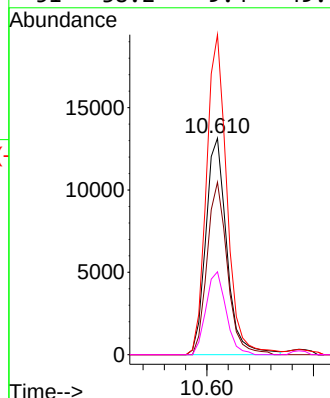
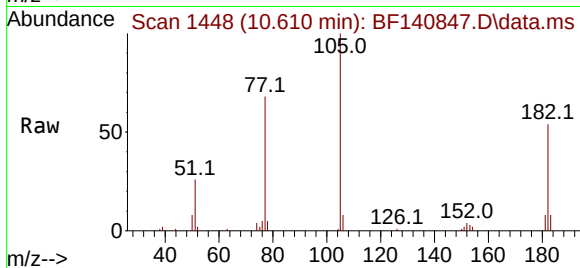
Ion Ratio Lower Upper

77 100

182 79.6 5.3 45.3#

105 147.8 0.3 40.3#

51 38.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.018 min

Lab File: BF140847.D

Acq: 13 Dec 2024 16:36

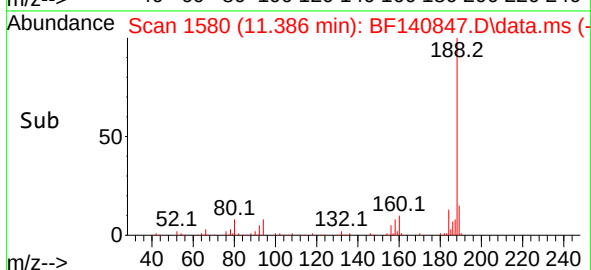
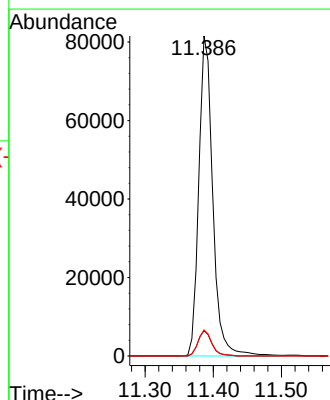
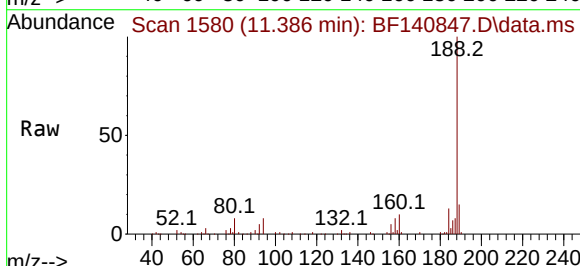
Tgt Ion: 188 Resp: 116016

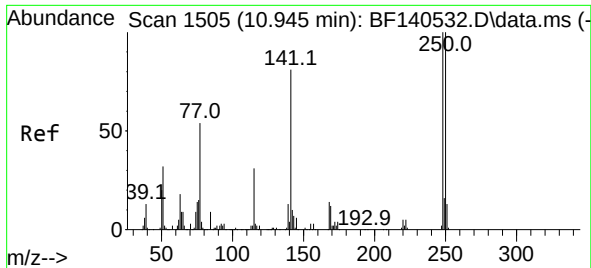
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

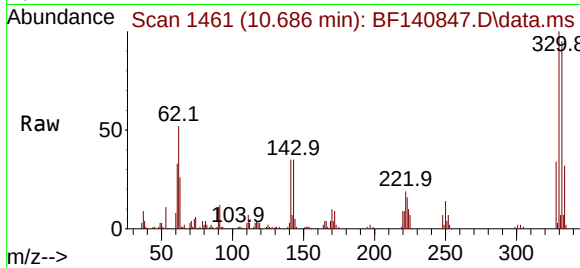
80 8.1 6.9 10.3



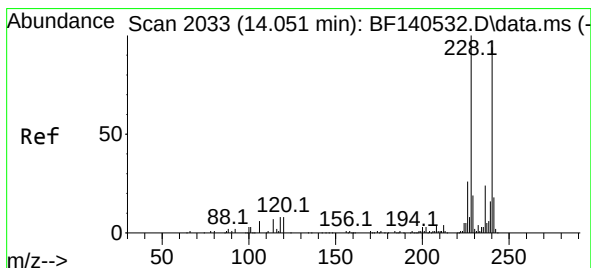
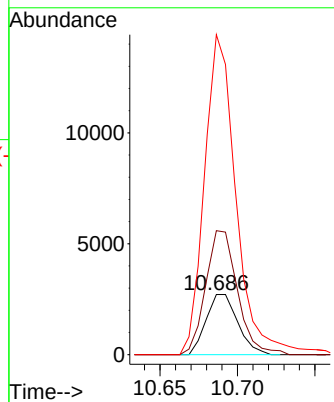
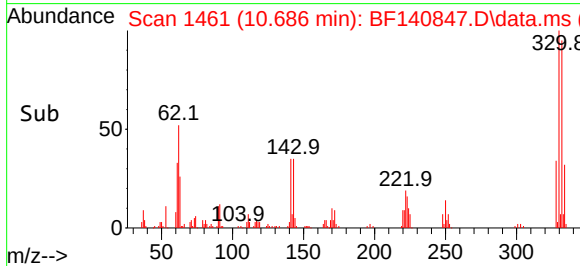


#67
4-Bromophenyl-phenylether
Concen: 3.220 ng
RT: 10.686 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Instrument :
BNA_F
ClientSampleId :
WC-1RE

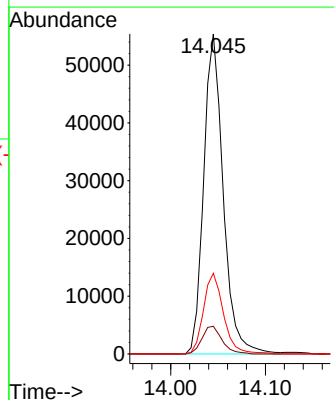
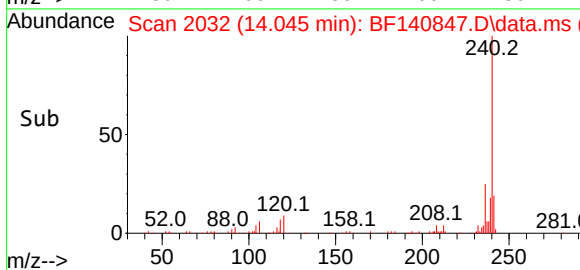
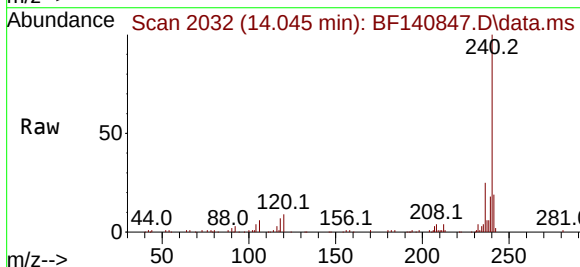


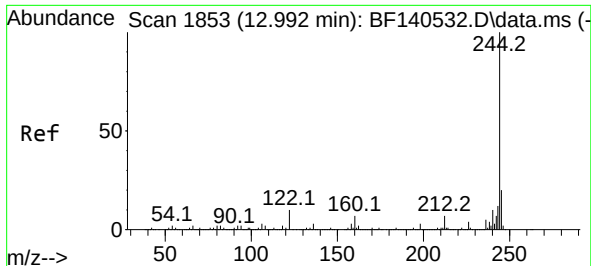
Tgt Ion:248 Resp: 3847
Ion Ratio Lower Upper
248 100
250 206.3 79.8 119.8#
141 532.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140847.D
Acq: 13 Dec 2024 16:36

Tgt Ion:240 Resp: 79381
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.2 20.6 31.0

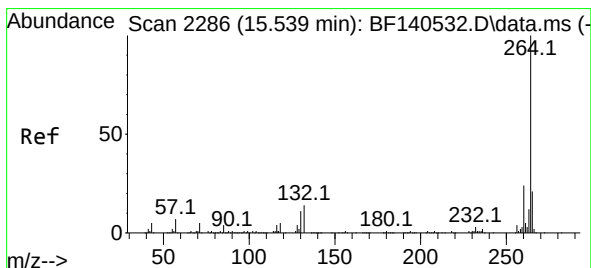
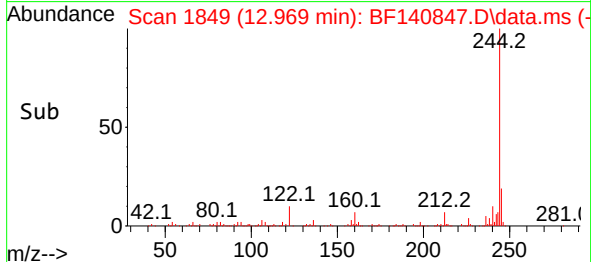
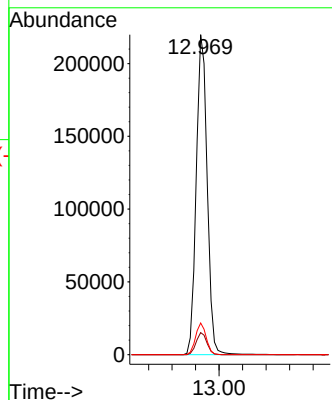
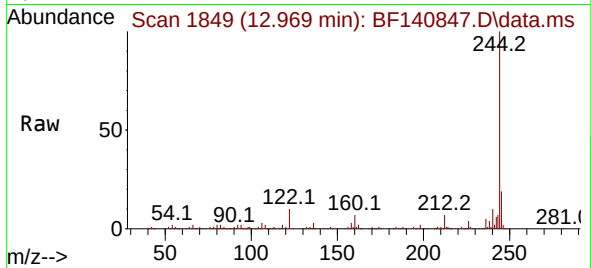




#79
 Terphenyl-d14
 Concen: 55.752 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.023 min
 Lab File: BF140847.D
 Acq: 13 Dec 2024 16:36

Instrument :
 BNA_F
 ClientSampleId :
 WC-1RE

Tgt Ion:244 Resp: 284220
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140847.D
 Acq: 13 Dec 2024 16:36

Tgt Ion:264 Resp: 76682
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.9 16.6 25.0

