

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140103.D
 Acq On : 29 Oct 2024 11:01
 Operator : RC/JU
 Sample : P4495-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL

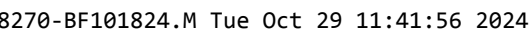
Quant Time: Oct 29 11:38:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

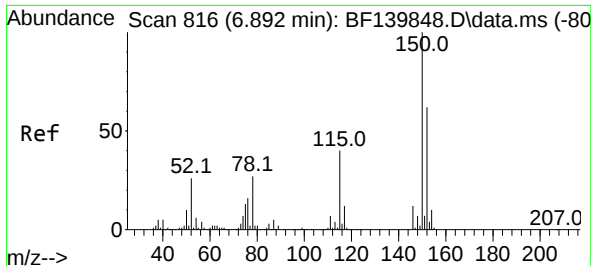
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114288	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	452815	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254415	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	445374	20.000	ng	0.00
76) Chrysene-d12	14.045	240	216948	20.000	ng	0.00
86) Perylene-d12	15.527	264	229298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	616208	84.407	ng	0.00
7) Phenol-d6	6.504	99	812212	85.900	ng	0.00
23) Nitrobenzene-d5	7.445	82	543679	66.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	261270	109.790	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1025555	66.621	ng	0.00
79) Terphenyl-d14	12.992	244	1085704	81.546	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	73398	12.799	ng	# 77
25) Isophorone	7.445	82	539902	34.817	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31997	9.325	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31997	7.583	ng	# 21
63) Azobenzene	10.633	77	120949	7.332	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	16673	3.634	ng	# 1
69) Atrazine	11.104	200	54279	15.032	ng	99
77) Benzidine	12.992	184	14107	3.954	ng	# 92

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

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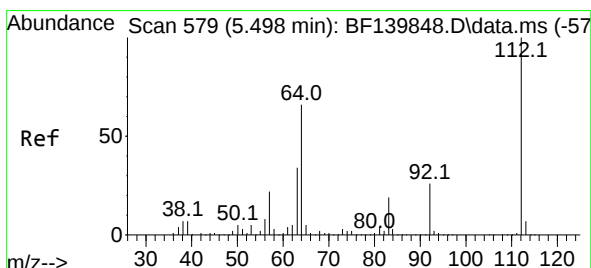
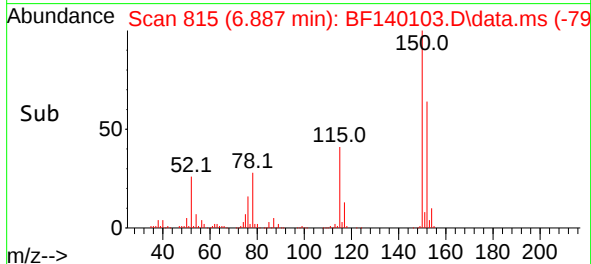
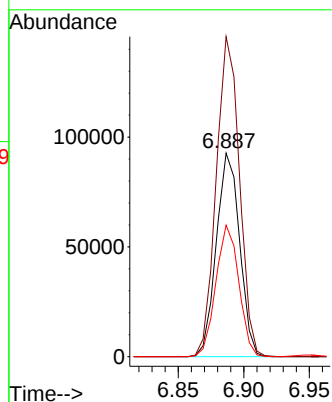
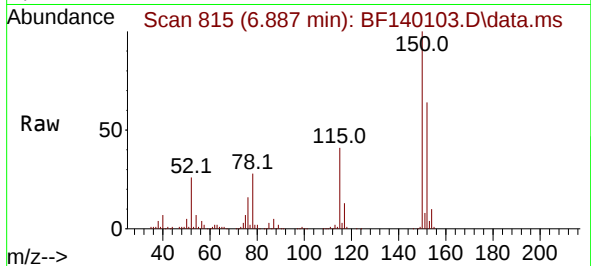




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

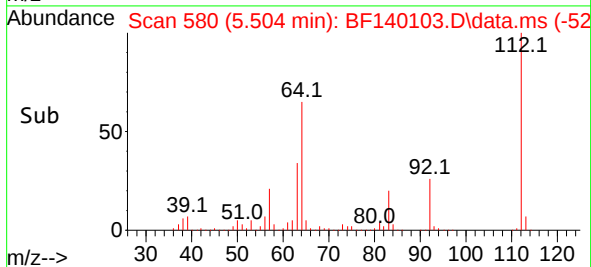
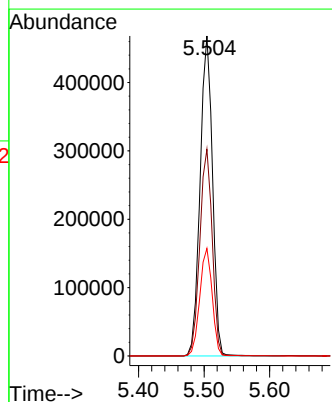
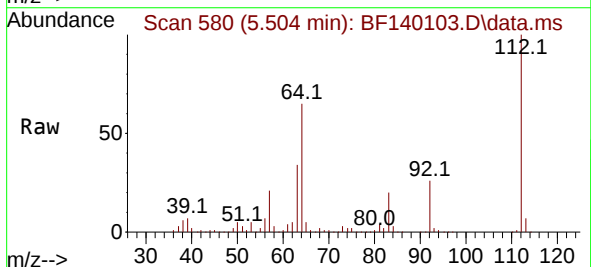
Instrument :
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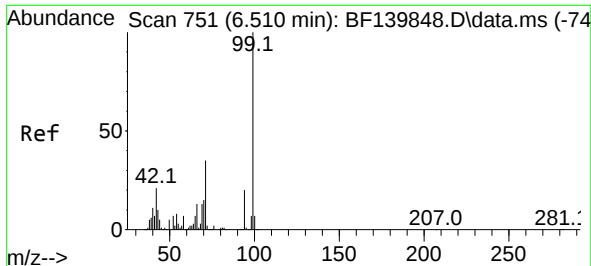
Tgt Ion:152 Resp: 114288
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 84.407 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion:112 Resp: 616208
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.6 27.0 40.4

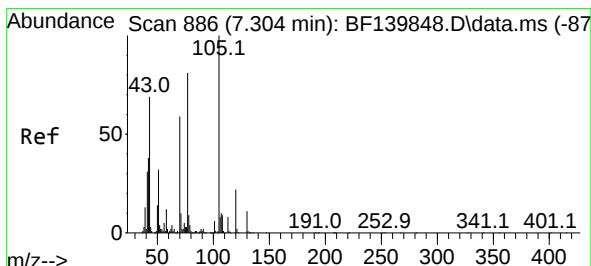
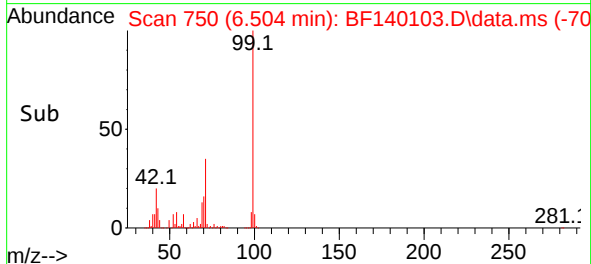
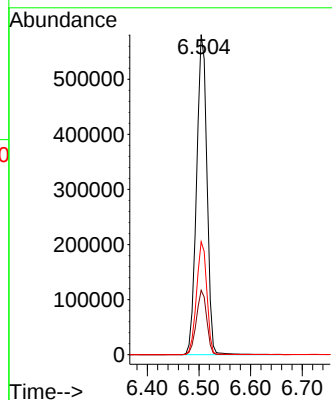
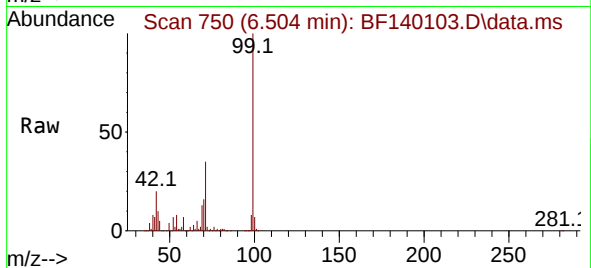




#7
Phenol-d6
Concen: 85.900 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

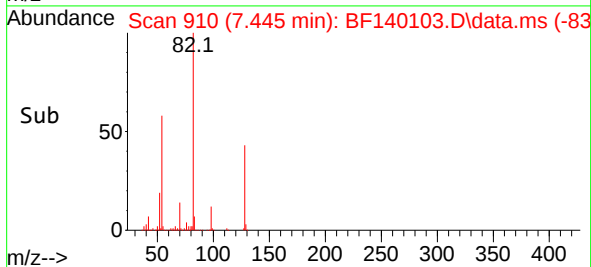
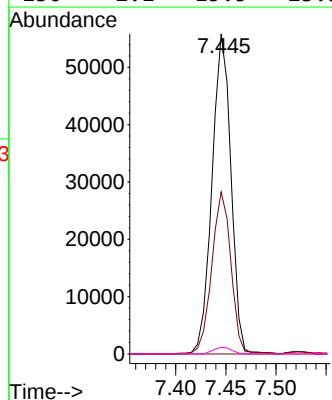
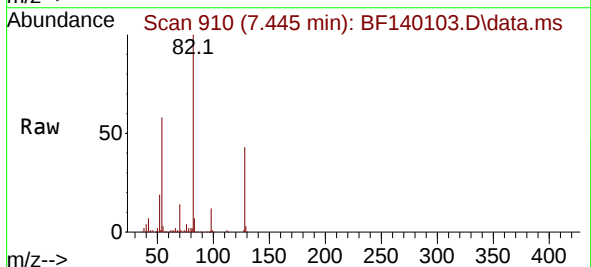
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

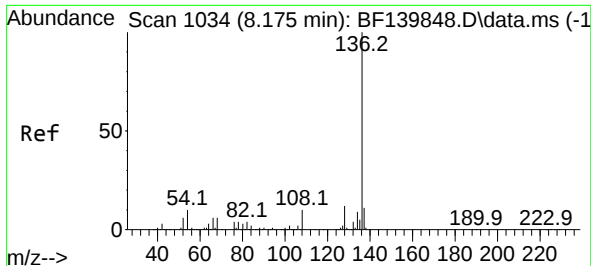
Tgt Ion: 99 Resp: 812212
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.799 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion: 70 Resp: 73398
Ion Ratio Lower Upper
70 100
42 50.7 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



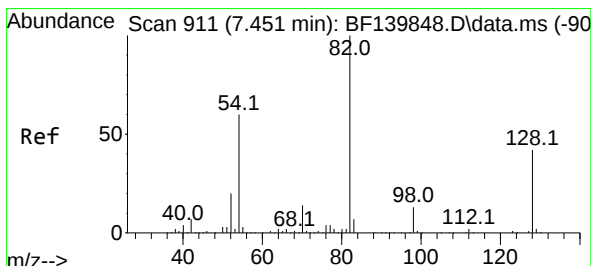
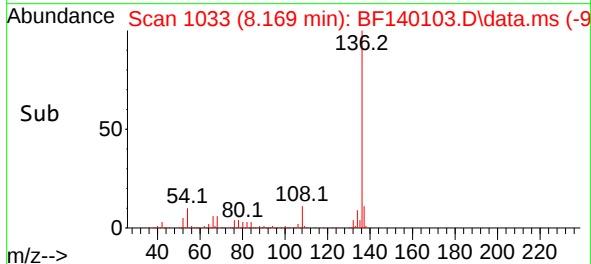
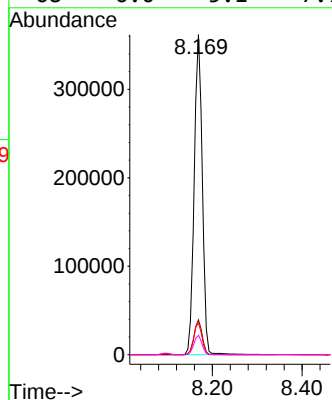
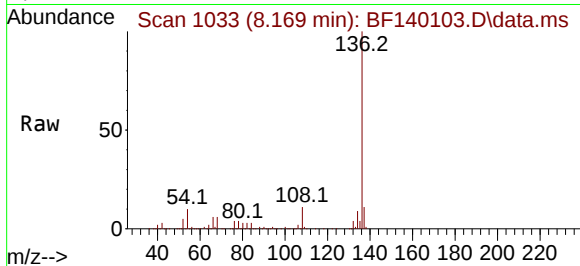


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

Tgt Ion:136 Resp: 452815

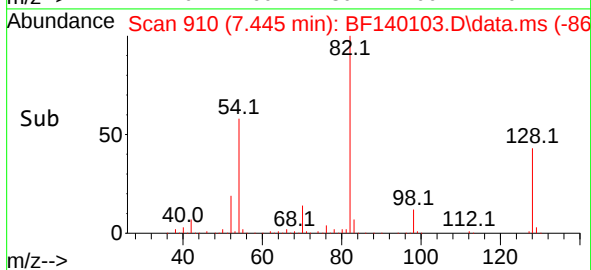
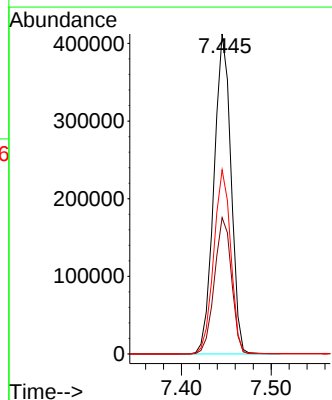
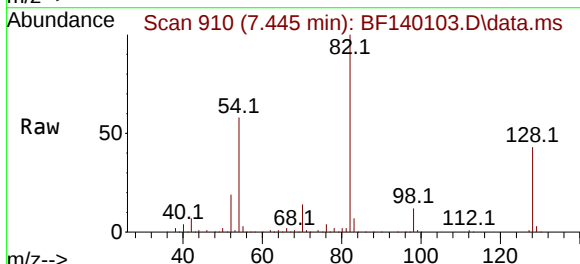
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	8.4	12.6
68	6.0	5.1	7.7

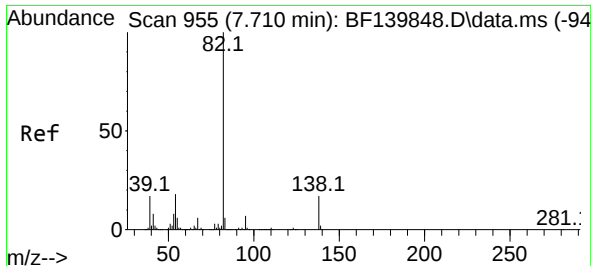


#23
Nitrobenzene-d5
Concen: 66.545 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion: 82 Resp: 543679

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	57.5	47.8	71.8

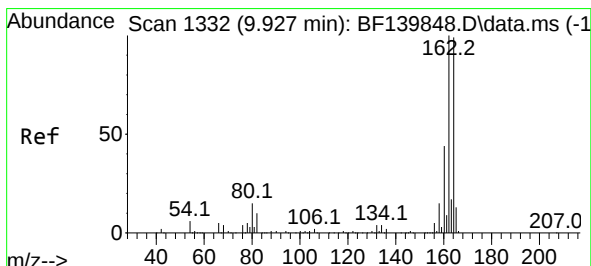
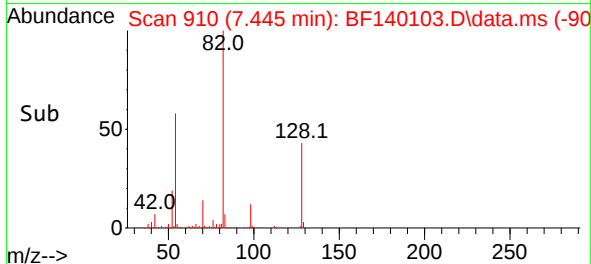
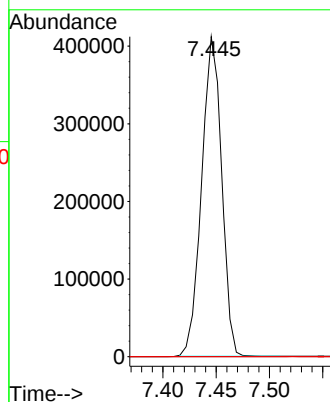
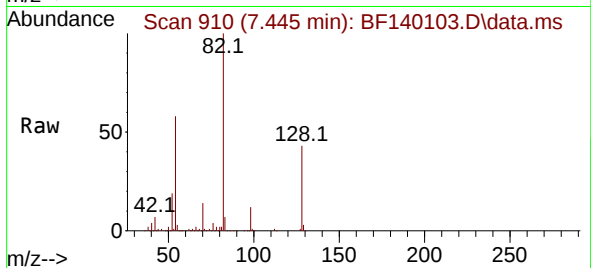




#25
Isophorone
Concen: 34.817 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

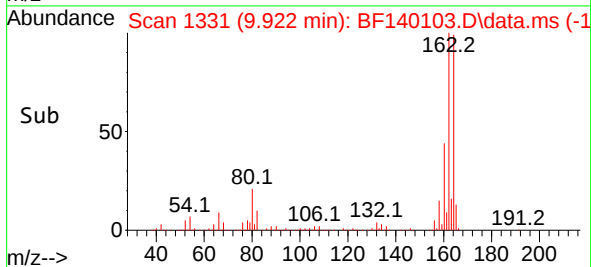
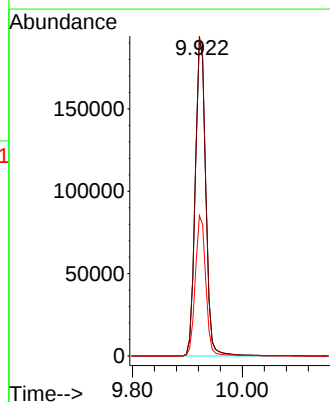
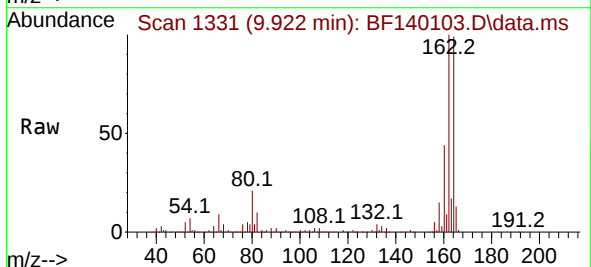
Instrument :
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ClientSampleId :
PT-TRIAZINE-SOIL

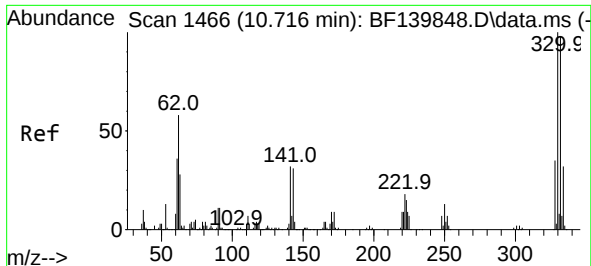
Tgt Ion: 82 Resp: 539902
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion:164 Resp: 254415
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.1 35.4 53.0

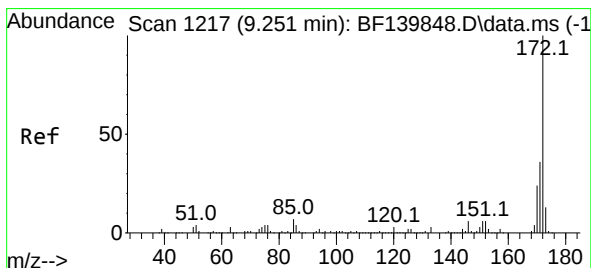
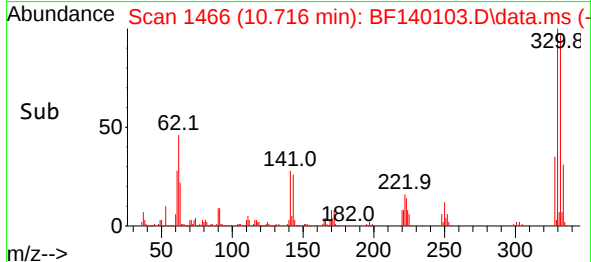
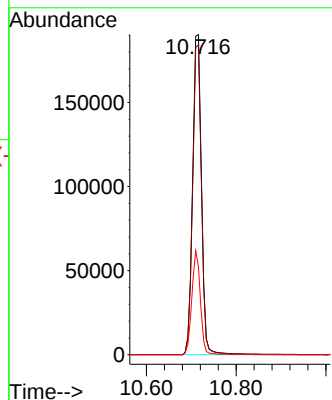
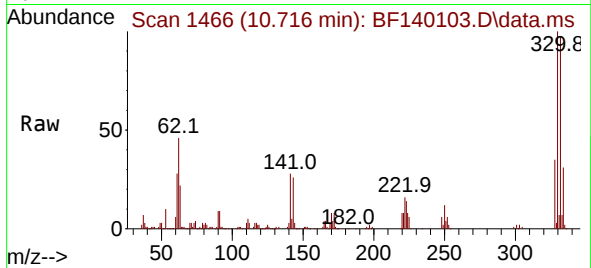




#42
2,4,6-Tribromophenol
Concen: 109.790 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

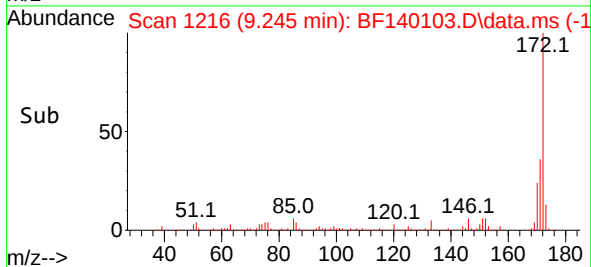
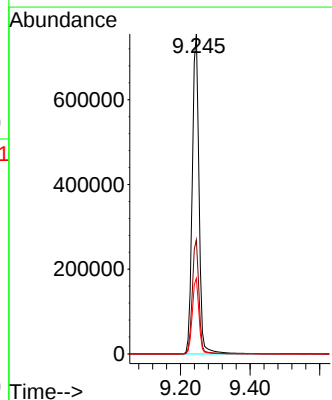
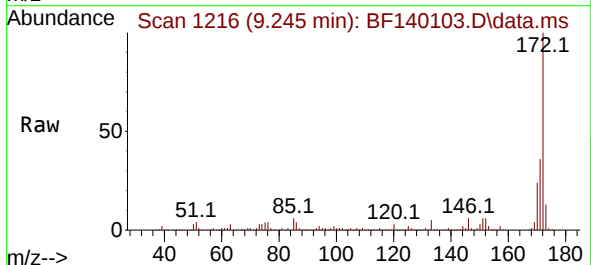
Instrument :
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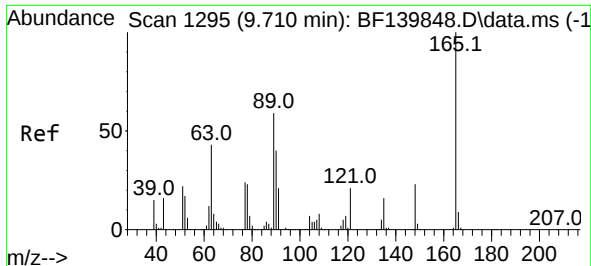
Tgt Ion:330 Resp: 261270
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 31.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 66.621 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion:172 Resp: 1025555
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 19.1 28.7

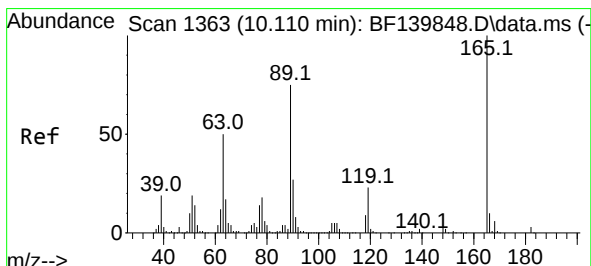
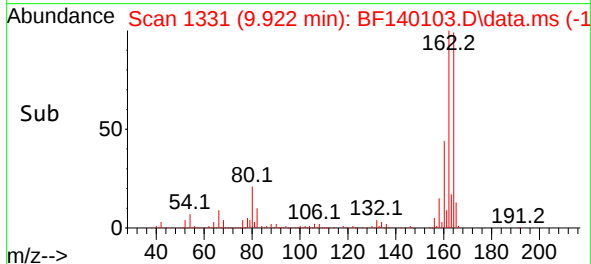
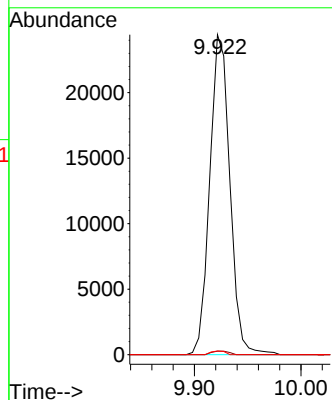
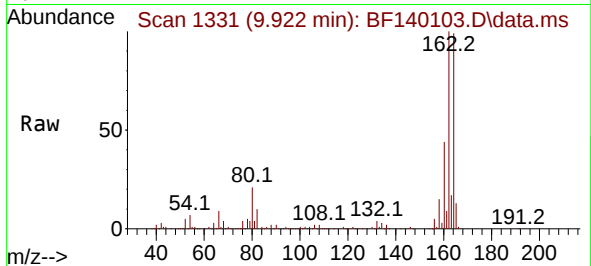




#51
2,6-Dinitrotoluene
Concen: 9.325 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

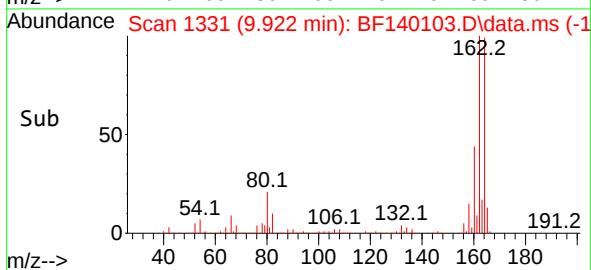
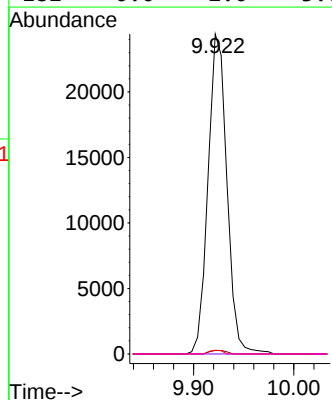
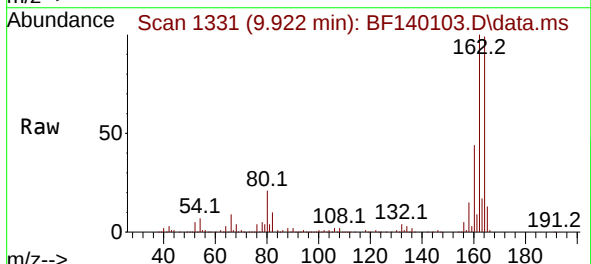
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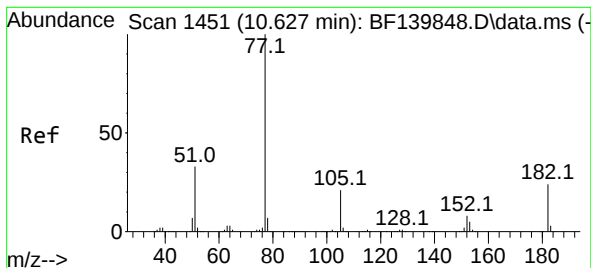
Tgt Ion:165 Resp: 31997
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.583 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion:165 Resp: 31997
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 7.332 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140103.D

Acq: 29 Oct 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL

Tgt Ion: 77 Resp: 120949

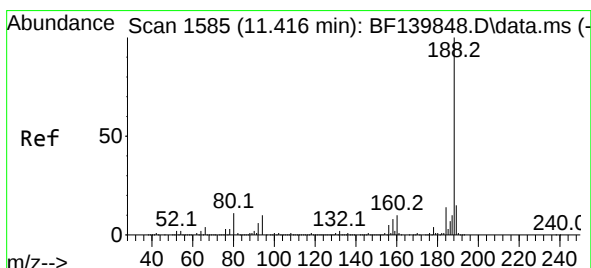
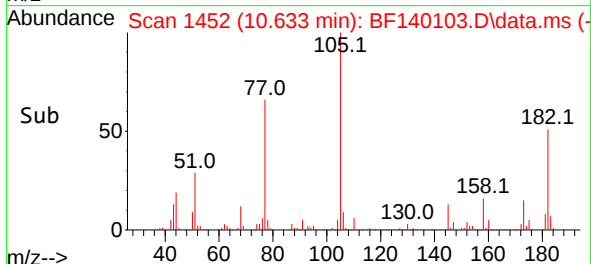
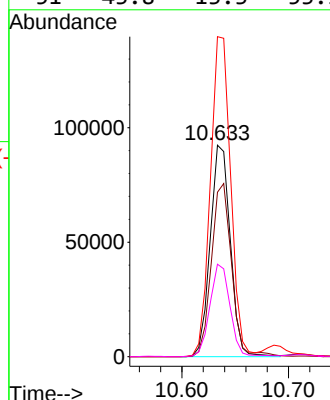
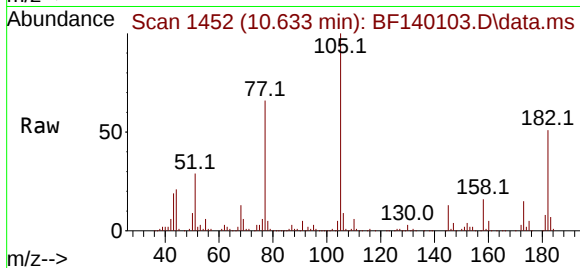
Ion Ratio Lower Upper

77 100

182 77.8 3.3 43.3#

105 151.3 1.2 41.2#

51 43.8 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: BF140103.D

Acq: 29 Oct 2024 11:01

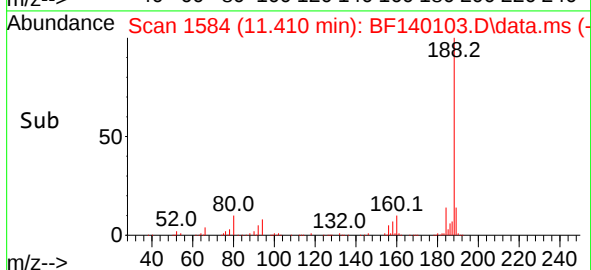
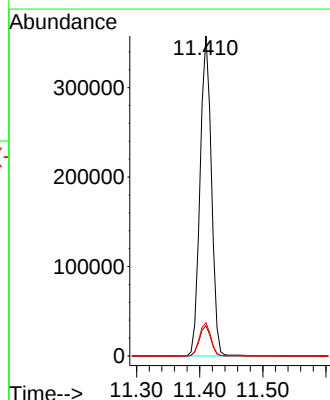
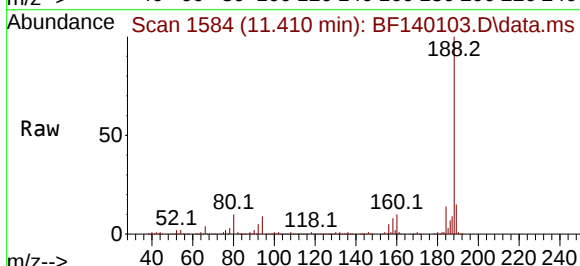
Tgt Ion: 188 Resp: 445374

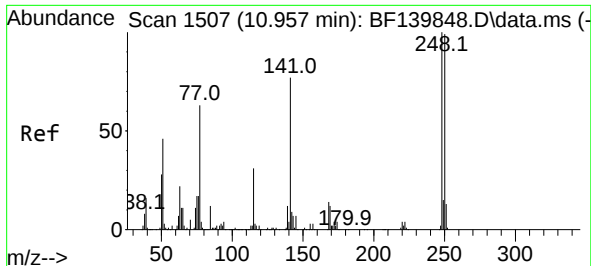
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.4 9.0 13.4

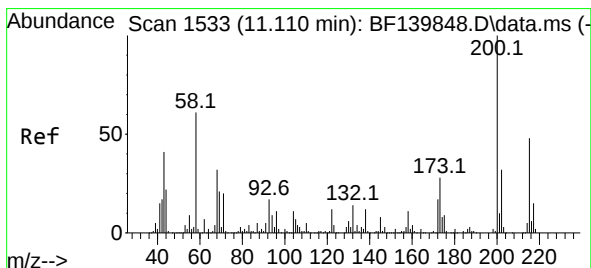
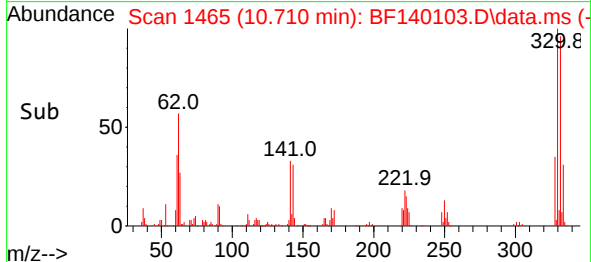
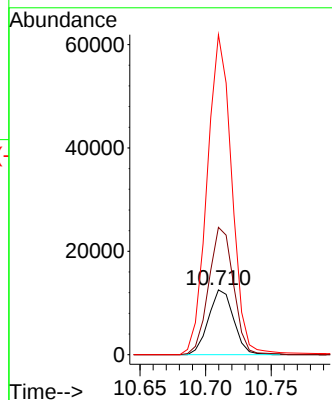
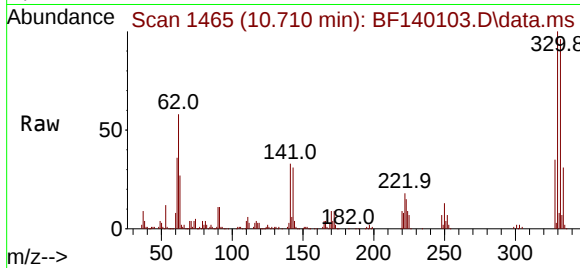




#67
4-Bromophenyl-phenylether
Concen: 3.634 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

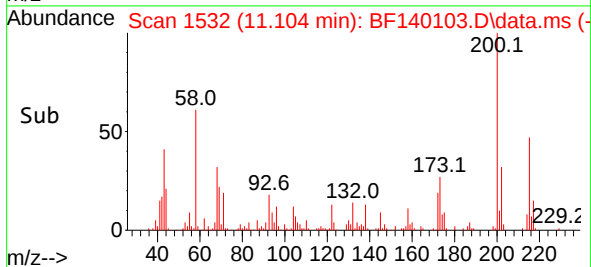
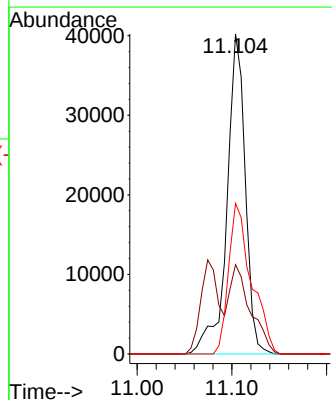
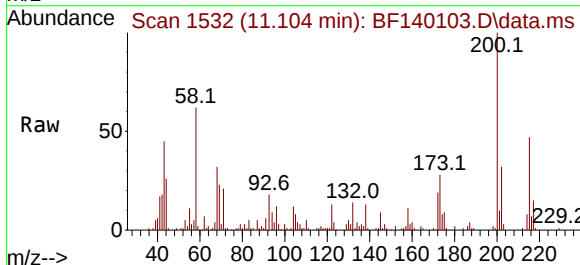
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

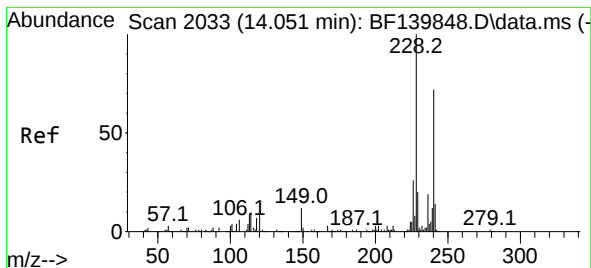
Tgt Ion:248 Resp: 16673
Ion Ratio Lower Upper
248 100
250 196.4 79.0 118.6#
141 493.6 61.7 92.5#



#69
Atrazine
Concen: 15.032 ng
RT: 11.104 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF140103.D
Acq: 29 Oct 2024 11:01

Tgt Ion:200 Resp: 54279
Ion Ratio Lower Upper
200 100
173 27.9 7.7 47.7
215 47.0 27.7 67.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140103.D

Acq: 29 Oct 2024 11:01

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL

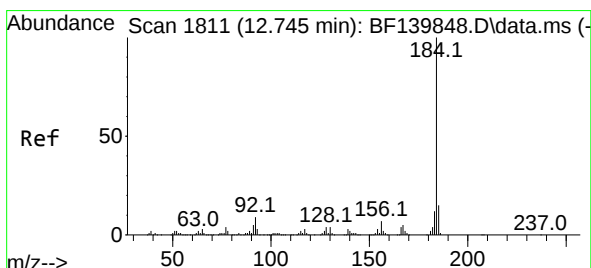
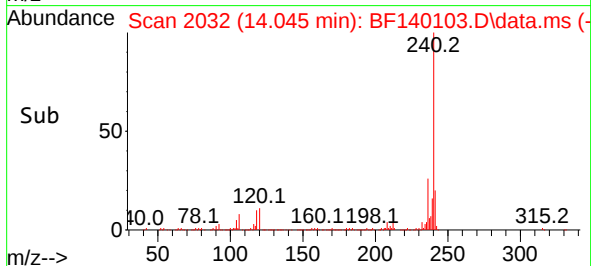
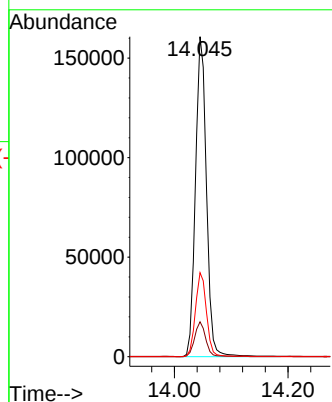
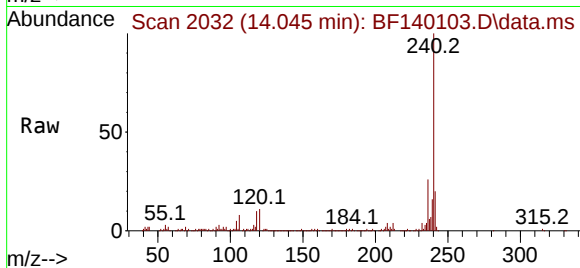
Tgt Ion:240 Resp: 216948

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.3 20.9 31.3



#77

Benzidine

Concen: 3.954 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF140103.D

Acq: 29 Oct 2024 11:01

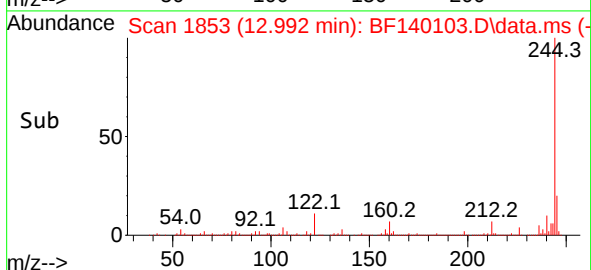
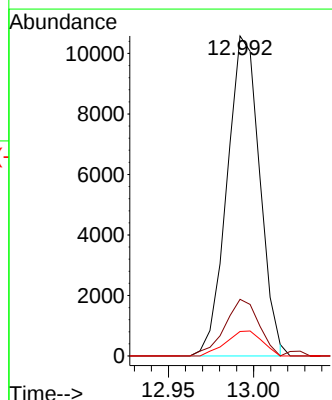
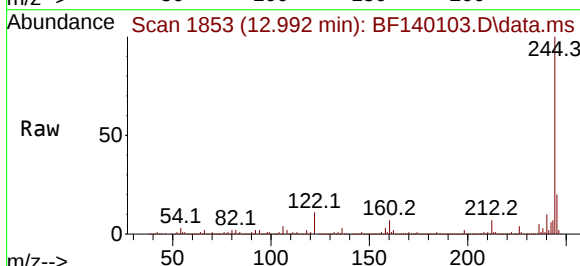
Tgt Ion:184 Resp: 14107

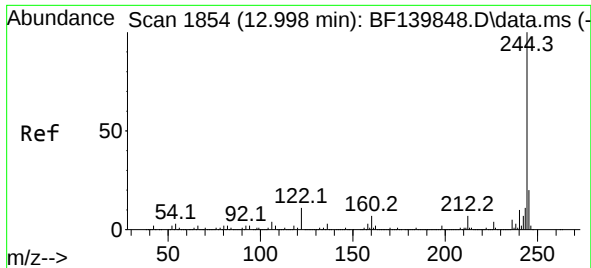
Ion Ratio Lower Upper

184 100

185 17.7 12.0 18.0

183 7.7 9.4 14.2#

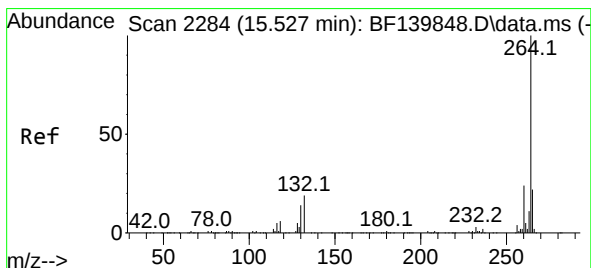
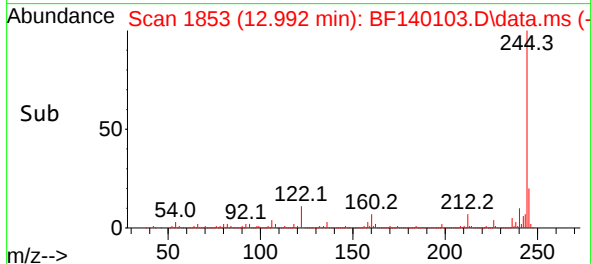
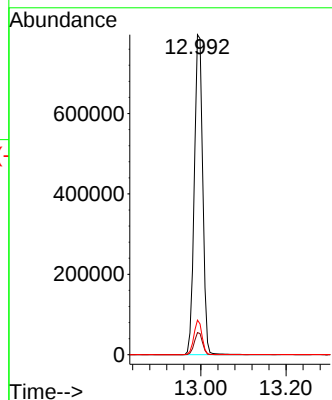
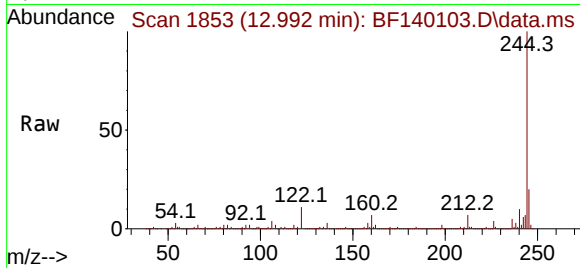




#79
 Terphenyl-d14
 Concen: 81.546 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140103.D
 Acq: 29 Oct 2024 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL

Tgt Ion:244 Resp: 1085704
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.8 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: BF140103.D
 Acq: 29 Oct 2024 11:01

Tgt Ion:264 Resp: 229298
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.3 17.4 26.0

