

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136415.D
 Acq On : 05 Dec 2023 19:51
 Operator : CG\JU
 Sample : 05047-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

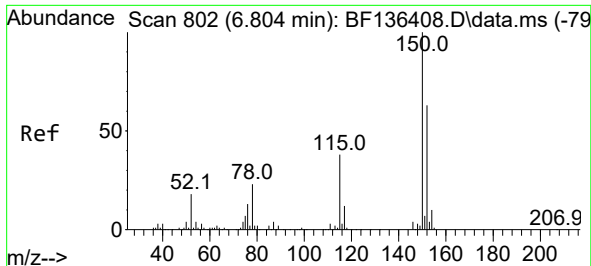
Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL

Quant Time: Dec 06 02:20:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 18:10:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	96590	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	397666	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	209851	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	401661	20.000	ng	0.00
76) Chrysene-d12	13.968	240	252573	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	195388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	879205	134.427	ng	0.00
7) Phenol-d6	6.440	99	1165790	142.864	ng	0.00
23) Nitrobenzene-d5	7.363	82	724901	98.546	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	352953	136.408	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1555569	101.147	ng	0.00
79) Terphenyl-d14	12.927	244	2001589	104.452	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	96	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.363	70	95549	20.298	ng	# 77
25) Isophorone	7.363	82	722918	54.701	ng	# 65
48) 2-Nitroaniline	9.281	65	16617	4.458	ng	# 11
50) Dimethylphthalate	9.833	163	43652	2.825	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	25932	7.461	ng	# 29
57) 2,4-Dinitrotoluene	9.833	165	25932	5.640	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	20556	4.402	ng	# 1
77) Benzidine	12.927	184	21437	4.548	ng	# 94

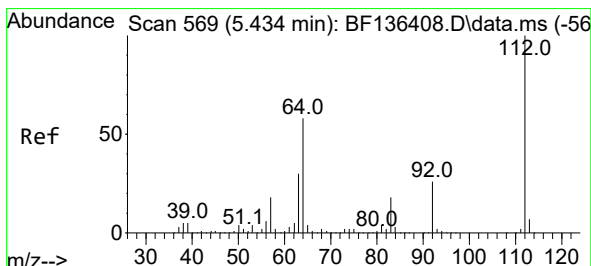
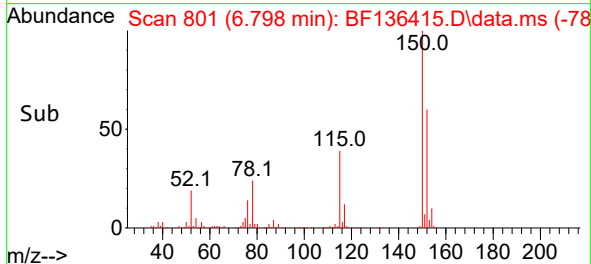
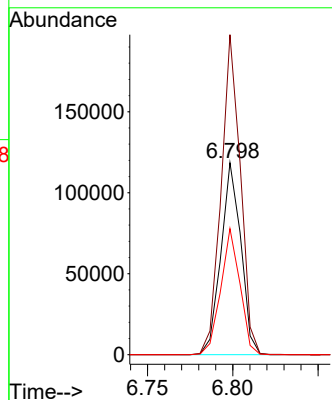
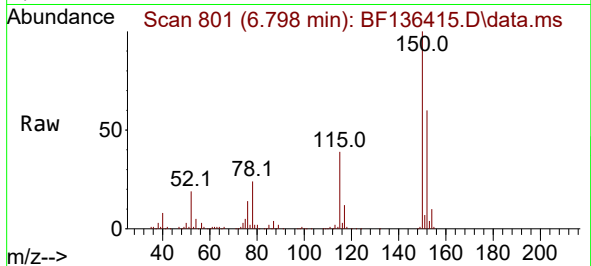
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

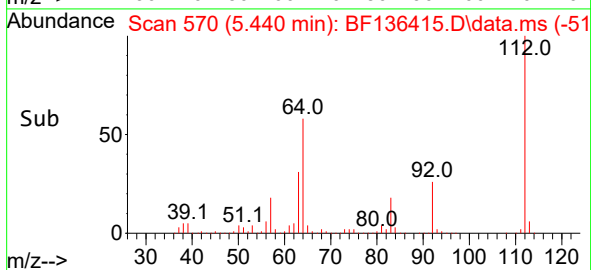
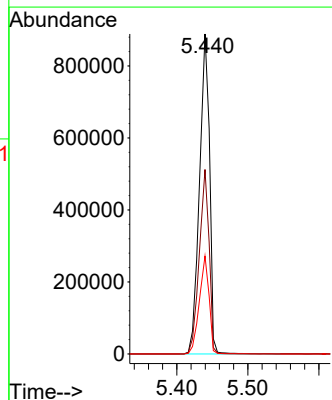
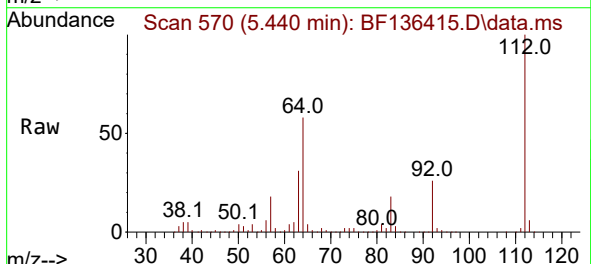
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

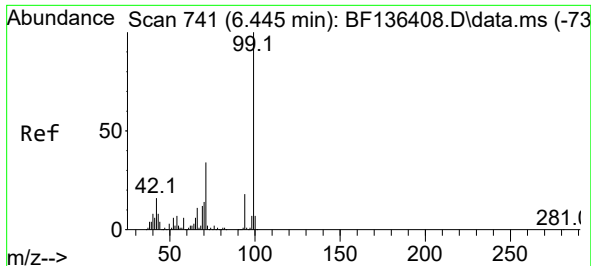
Tgt Ion:152 Resp: 96590
Ion Ratio Lower Upper
152 100
150 166.6 126.4 189.6
115 65.7 48.2 72.4



#5
2-Fluorophenol
Concen: 134.427 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

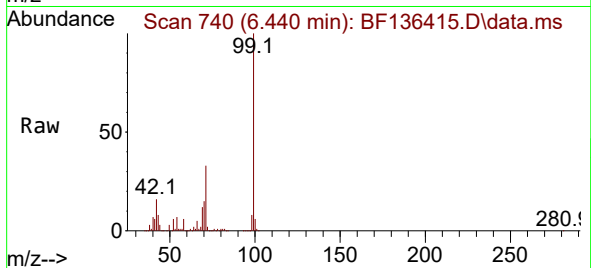
Tgt Ion:112 Resp: 879205
Ion Ratio Lower Upper
112 100
64 57.7 46.5 69.7
63 30.6 23.9 35.9





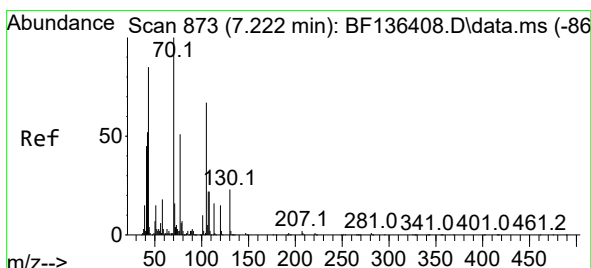
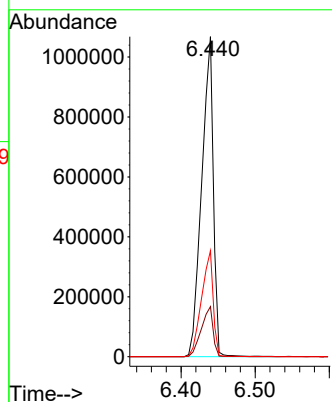
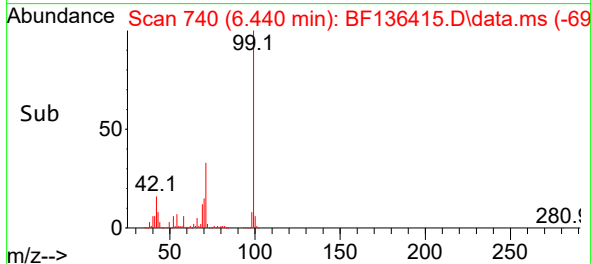
#7
Phenol-d6
Concen: 142.864 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

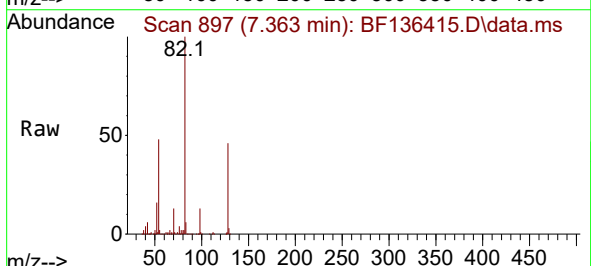


Tgt Ion: 99 Resp: 1165790

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	33.1	27.0	40.4

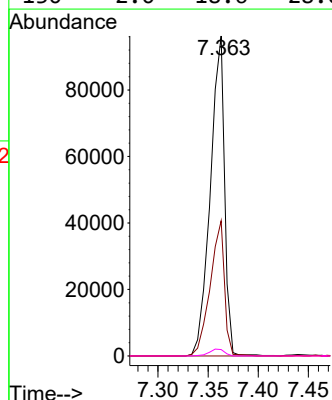
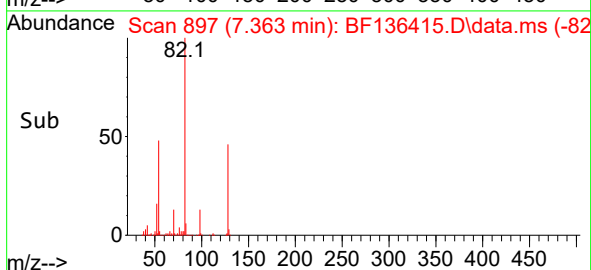


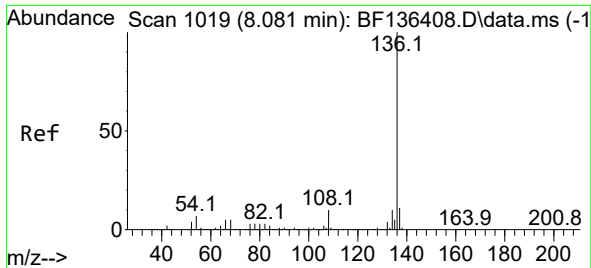
#19
n-Nitroso-di-n-propylamine
Concen: 20.298 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51



Tgt Ion: 70 Resp: 95549

Ion	Ratio	Lower	Upper
70	100		
42	42.2	41.4	62.0
101	0.0	8.2	12.4#
130	2.0	18.6	28.0#



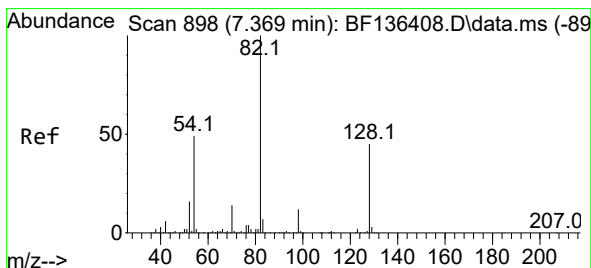
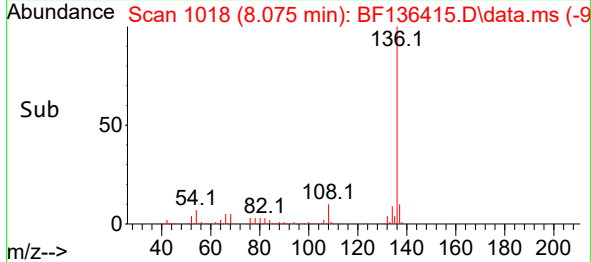
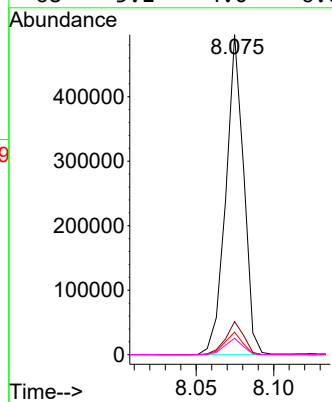
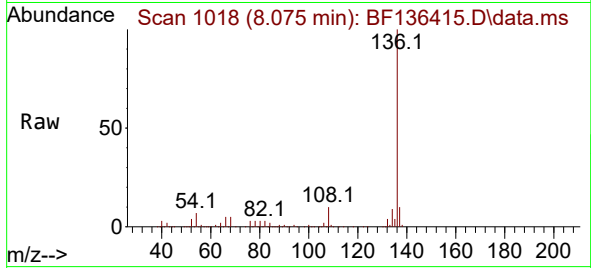


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

Tgt Ion:136 Resp: 397666

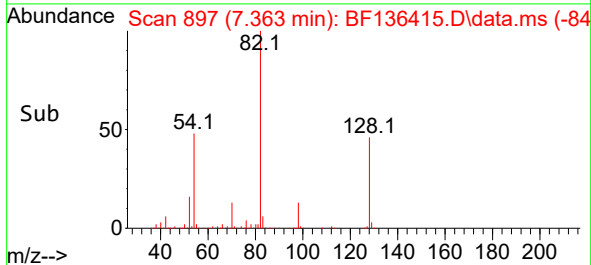
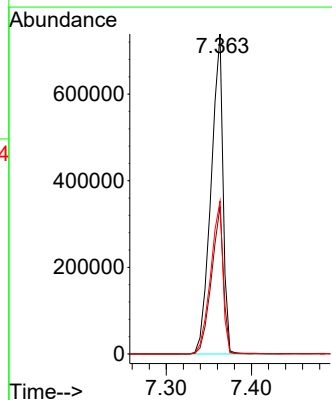
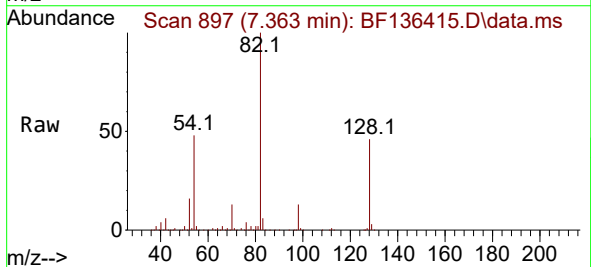
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	7.0	5.7	8.5
68	5.1	4.0	6.0

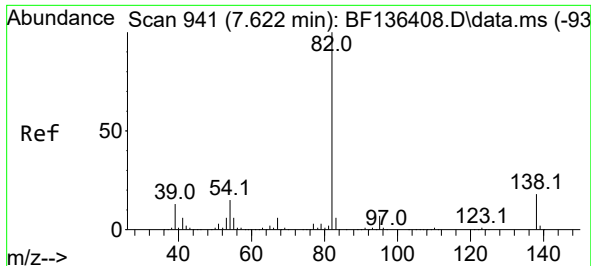


#23
Nitrobenzene-d5
Concen: 98.546 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Tgt Ion: 82 Resp: 724901

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	47.8	39.0	58.6

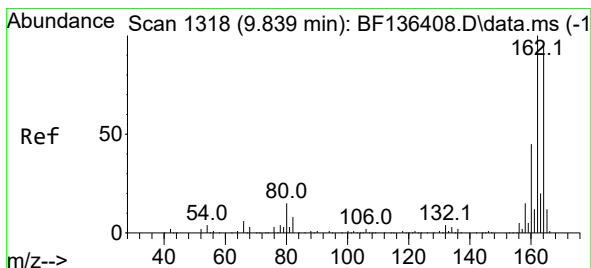
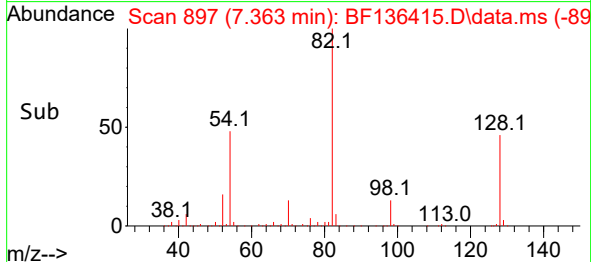
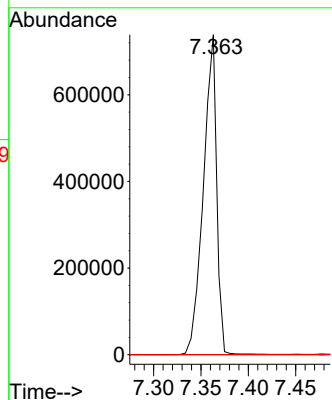
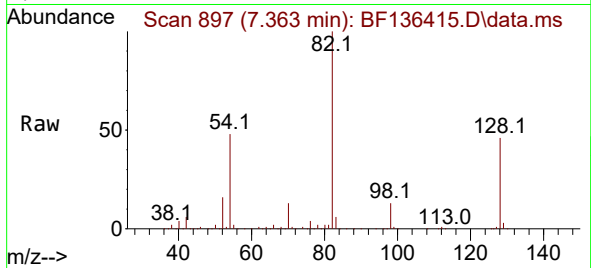




#25
Isophorone
Concen: 54.701 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

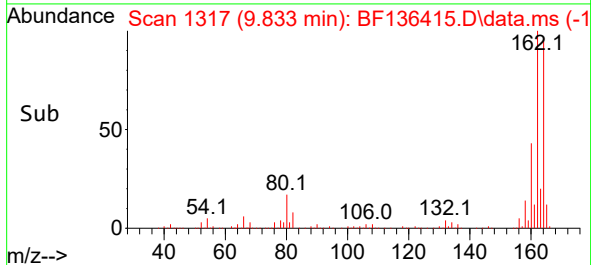
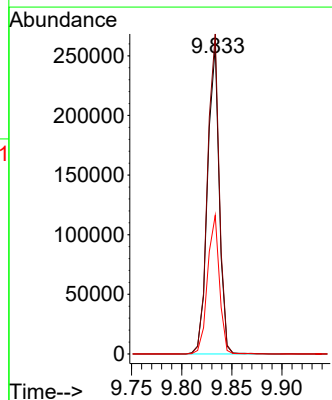
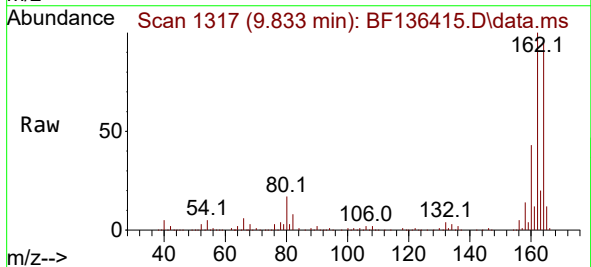
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

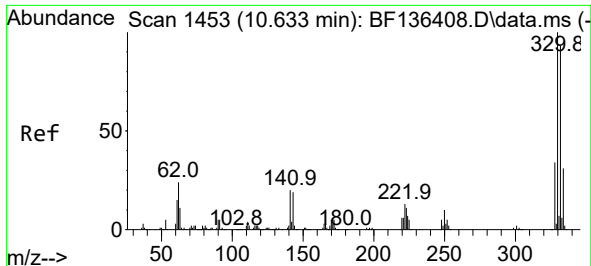
Tgt Ion: 82 Resp: 722918
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Tgt Ion:164 Resp: 209851
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 45.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 136.408 ng

RT: 10.628 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136415.D

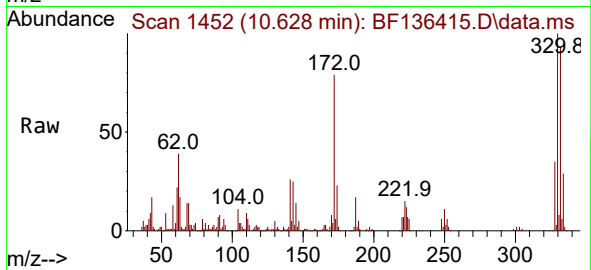
Acq: 05 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL



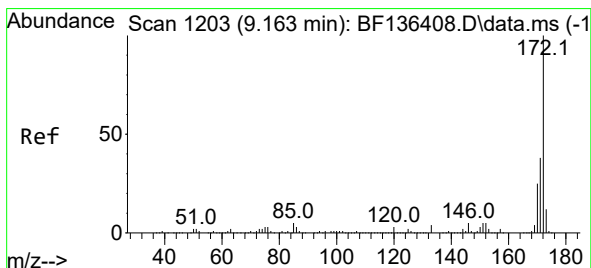
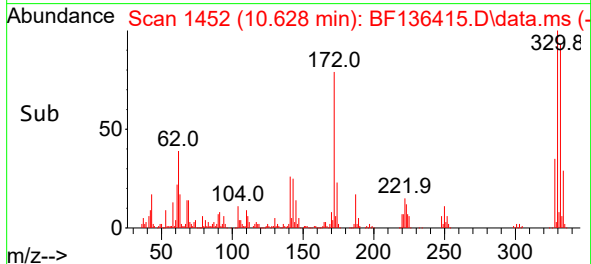
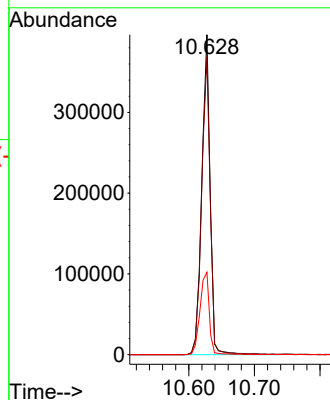
Tgt Ion:330 Resp: 352953

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 101.147 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136415.D

Acq: 05 Dec 2023 19:51

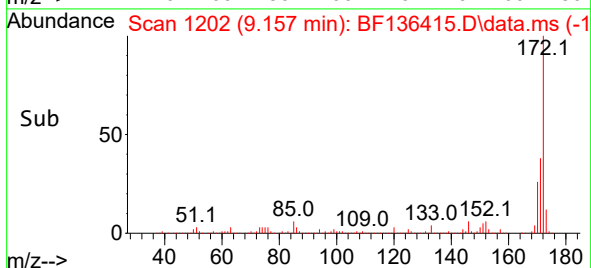
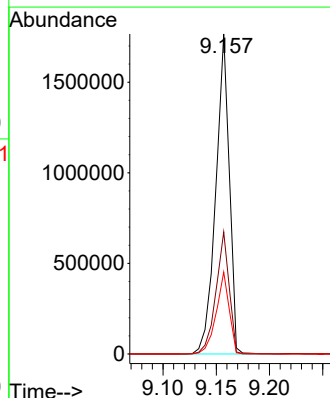
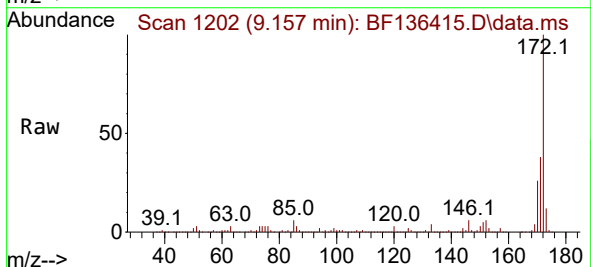
Tgt Ion:172 Resp: 1555569

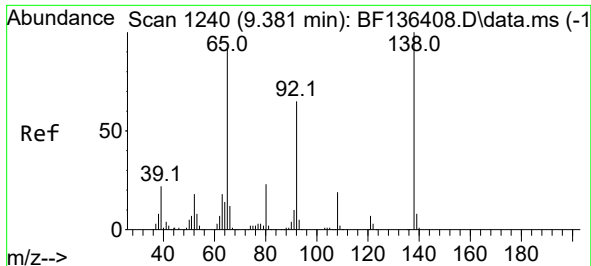
Ion Ratio Lower Upper

172 100

171 38.1 30.5 45.7

170 25.6 19.9 29.9

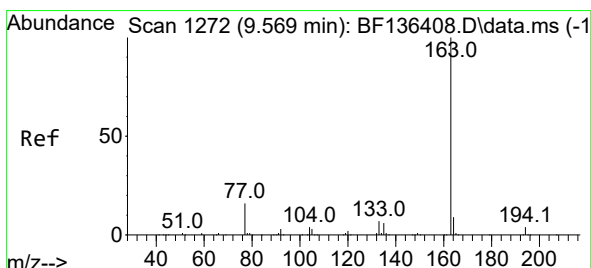
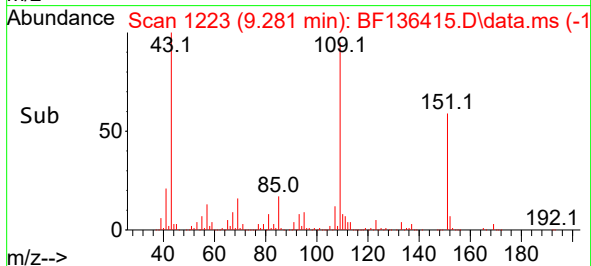
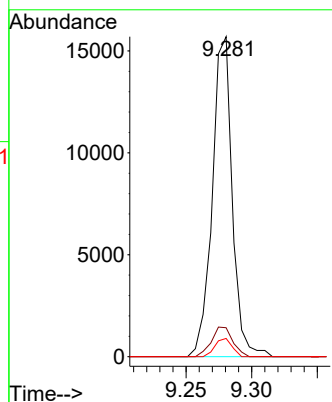
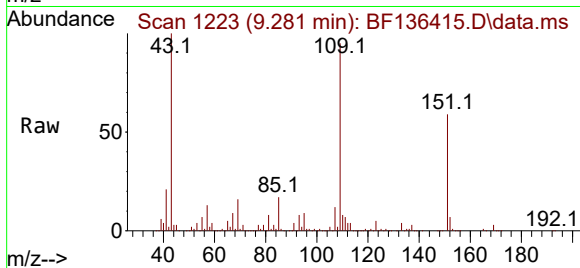




#48
2-Nitroaniline
Concen: 4.458 ng
RT: 9.281 min Scan# 1317
Delta R.T. -0.100 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

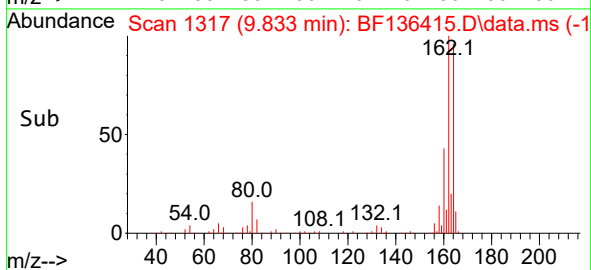
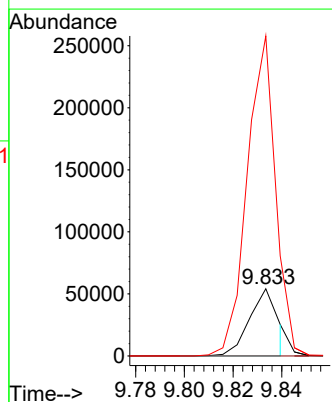
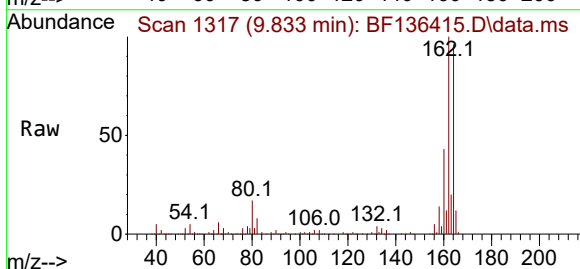
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

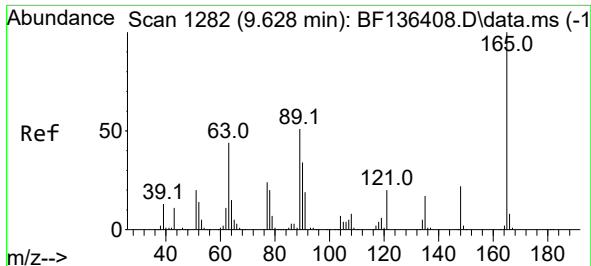
Tgt Ion: 65 Resp: 16617
Ion Ratio Lower Upper
65 100
92 9.1 56.1 84.1#
138 5.7 86.7 130.1#



#50
Dimethylphthalate
Concen: 2.825 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Tgt Ion: 163 Resp: 43652
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 476.1 7.4 11.2#

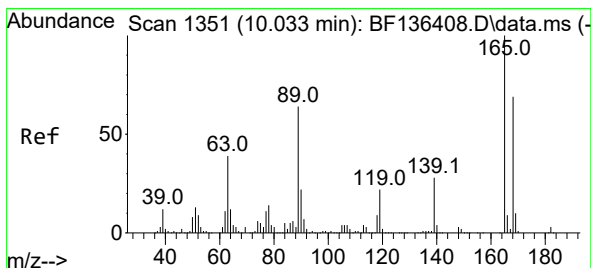
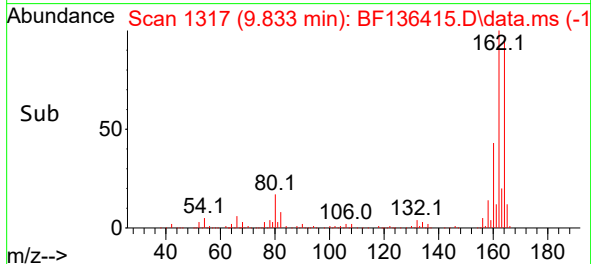
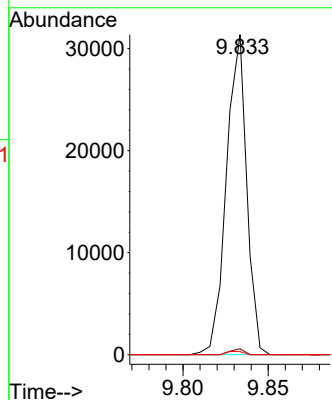
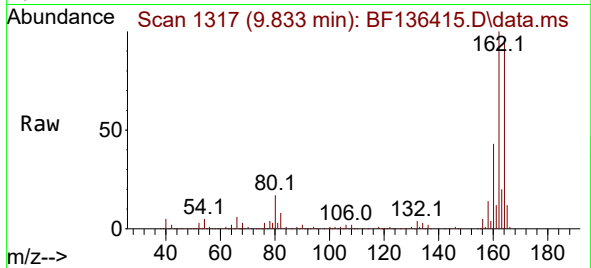




#51
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

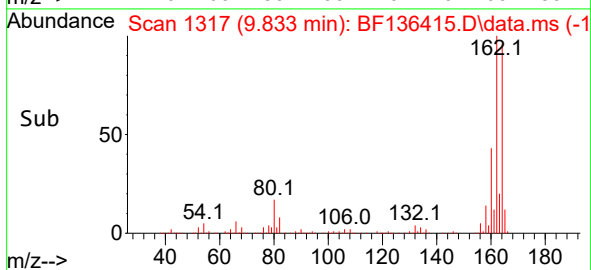
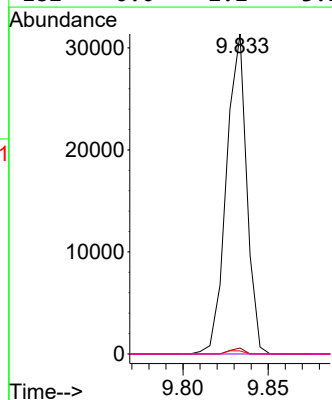
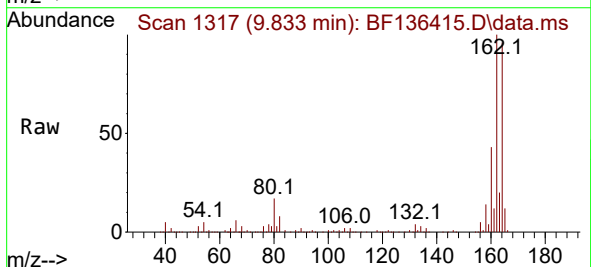
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

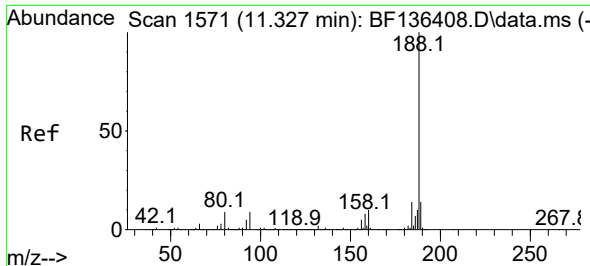
Tgt Ion:165 Resp: 25932
Ion Ratio Lower Upper
165 100
63 1.8 40.4 60.6#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.640 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Tgt Ion:165 Resp: 25932
Ion Ratio Lower Upper
165 100
63 1.8 31.4 47.2#
89 1.0 51.7 77.5#
182 0.0 2.2 3.2#

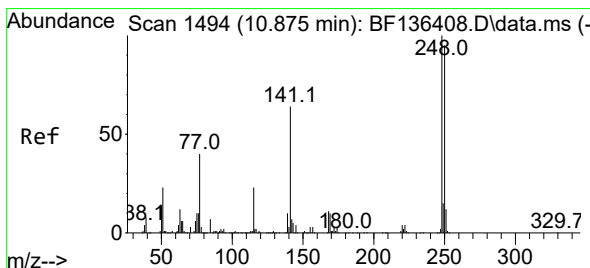
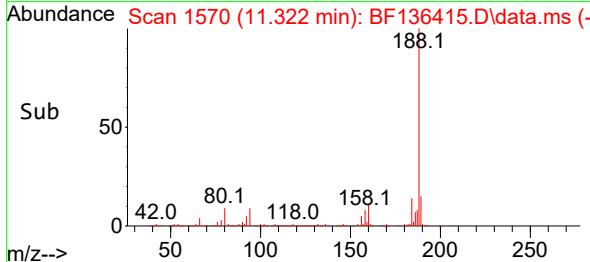
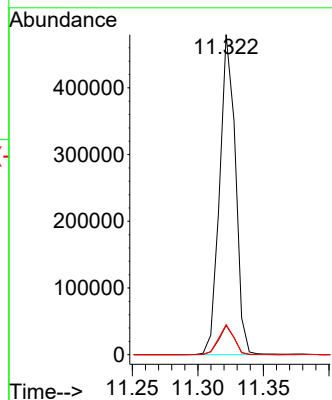
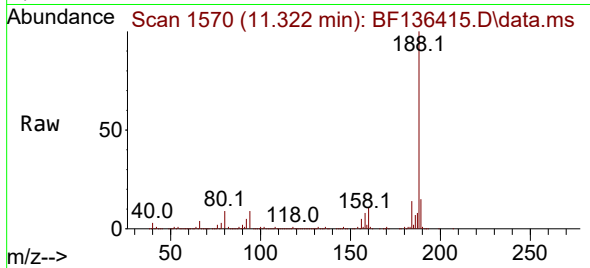




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

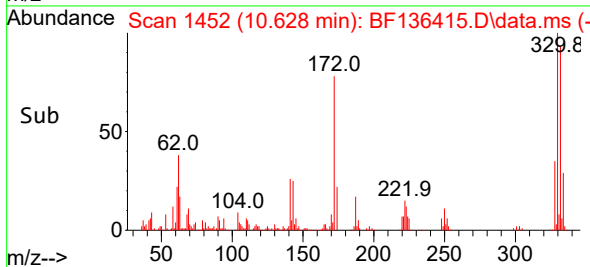
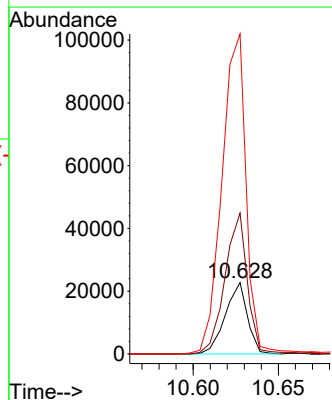
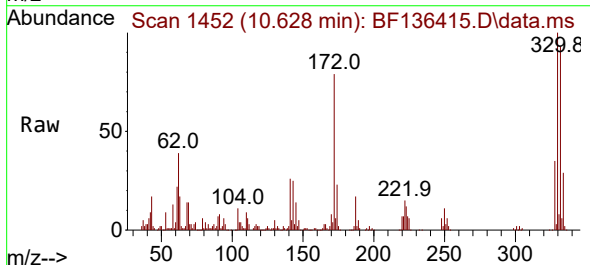
Instrument :
BNA_F
ClientSampleId :
PT-TRIAZINE-SOIL

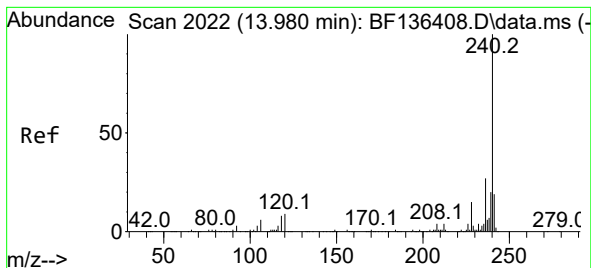
Tgt Ion:188 Resp: 401661
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.402 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF136415.D
Acq: 05 Dec 2023 19:51

Tgt Ion:248 Resp: 20556
Ion Ratio Lower Upper
248 100
250 197.2 76.2 114.2#
141 447.9 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136415.D

Acq: 05 Dec 2023 19:51

Instrument :

BNA_F

ClientSampleId :

PT-TRIAZINE-SOIL

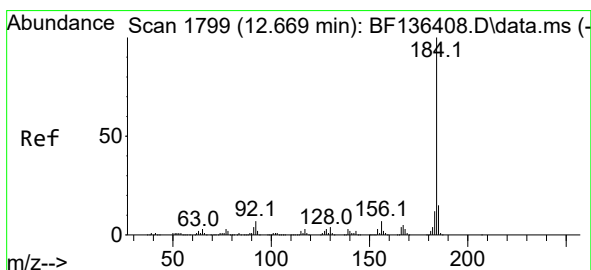
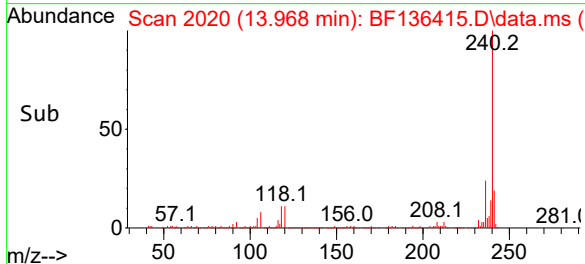
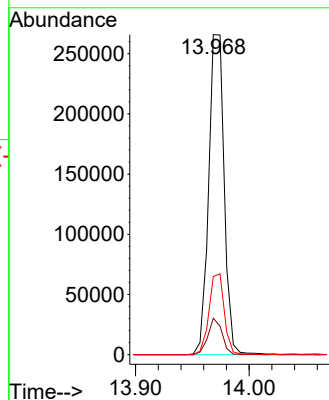
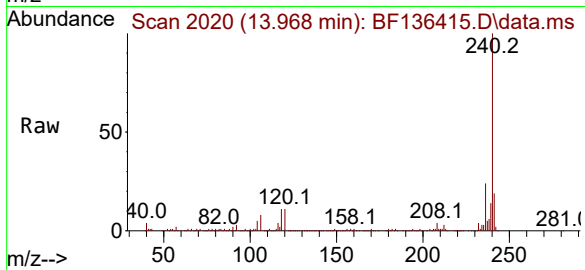
Tgt Ion:240 Resp: 252573

Ion Ratio Lower Upper

240 100

120 11.4 7.3 10.9#

236 24.5 21.3 31.9



#77

Benzidine

Concen: 4.548 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.259 min

Lab File: BF136415.D

Acq: 05 Dec 2023 19:51

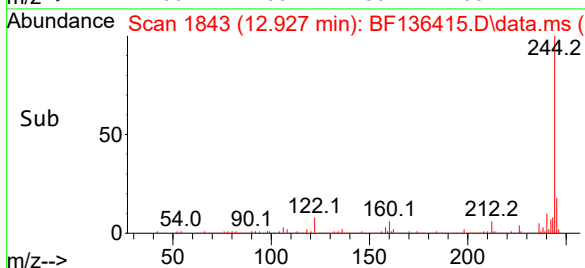
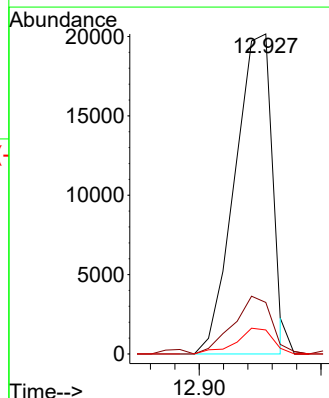
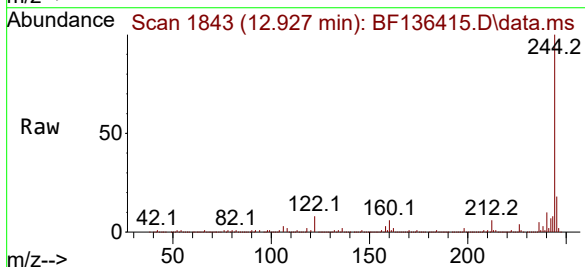
Tgt Ion:184 Resp: 21437

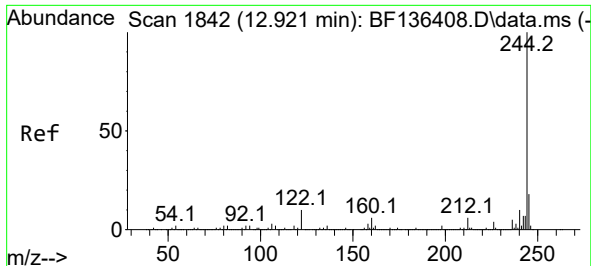
Ion Ratio Lower Upper

184 100

185 16.1 12.0 18.0

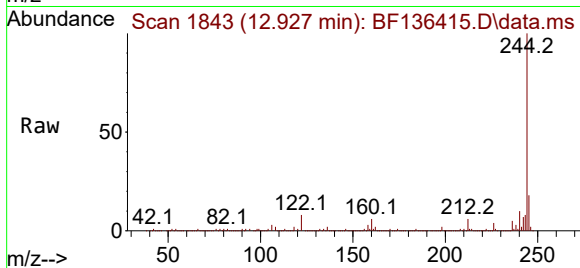
183 7.5 9.4 14.0#



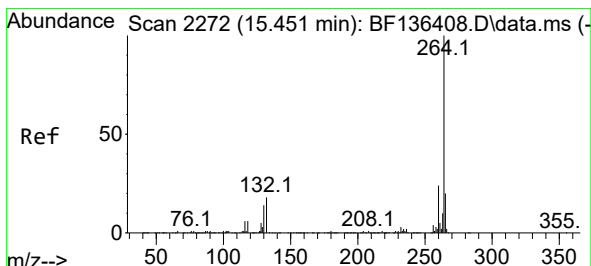
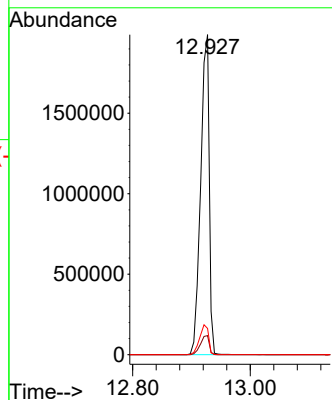
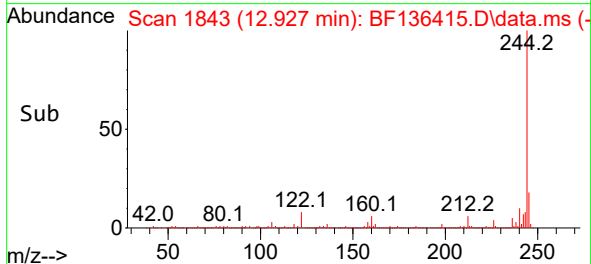


#79
 Terphenyl-d14
 Concen: 104.452 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF136415.D
 Acq: 05 Dec 2023 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PT-TRIAZINE-SOIL



Tgt Ion:244 Resp: 2001589
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136415.D
 Acq: 05 Dec 2023 19:51

Tgt Ion:264 Resp: 195388
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 15.9 23.9

