

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134086.D
 Acq On : 06 Jul 2023 02:14
 Operator : CG\JU
 Sample : 03473-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-013

Quant Time: Jul 06 03:03:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

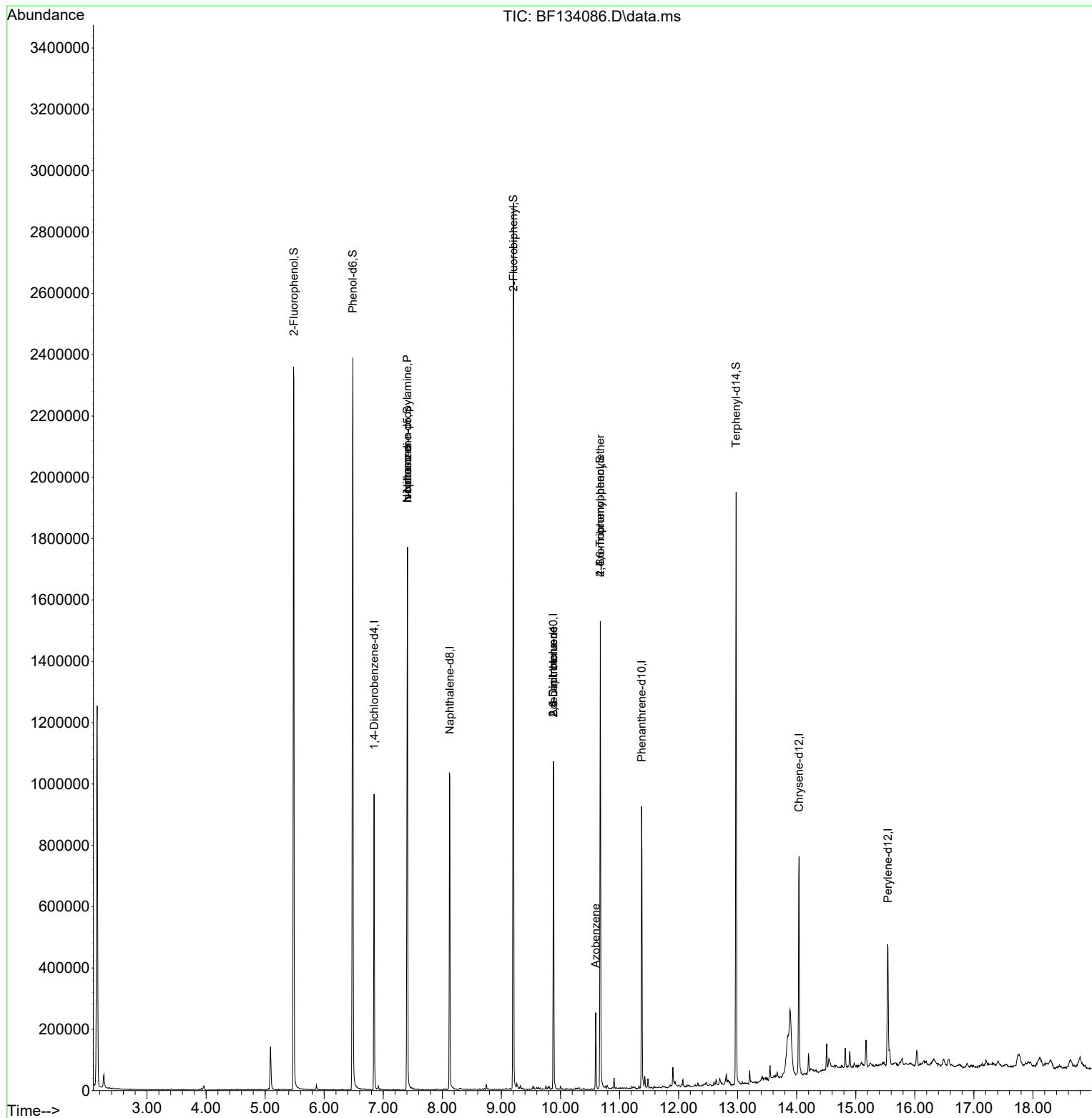
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	127435	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	472571	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	215116	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	335004	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	247635	20.000	ng	-0.01
86) Perylene-d12	15.545	264	204962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	659089	86.515	ng	0.00
7) Phenol-d6	6.486	99	794117	84.761	ng	0.00
23) Nitrobenzene-d5	7.410	82	526413	60.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	172193	63.843	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	854870	57.778	ng	0.00
79) Terphenyl-d14	12.974	244	663588	43.128	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	64	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	73336	12.343	ng	# 78
25) Isophorone	7.410	82	526405	33.039	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	26917	8.003	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	26917	6.060	ng	# 22
63) Azobenzene	10.598	77	40785	2.650	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	10517	2.954	ng	# 1

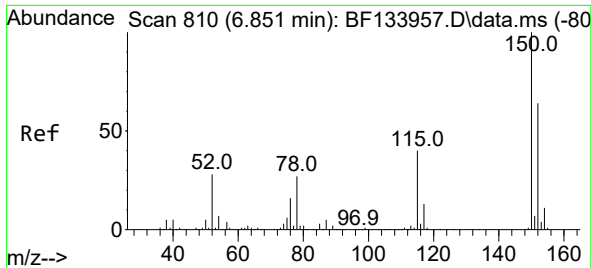
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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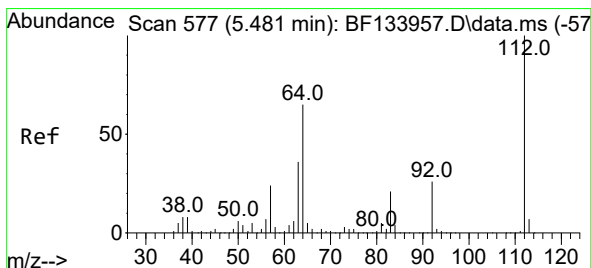
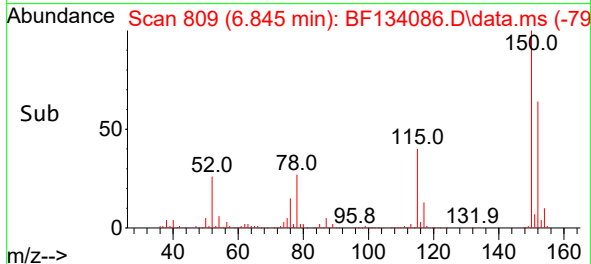
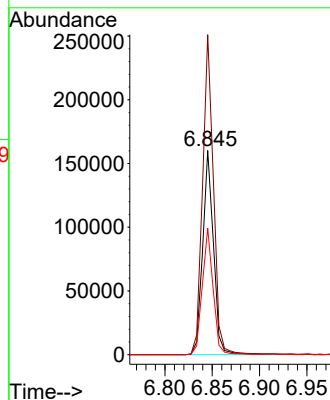
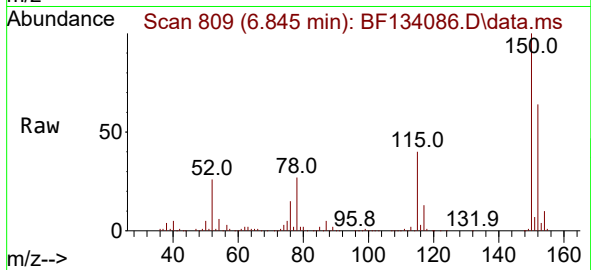




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134086.D
 Acq: 06 Jul 2023 02:14

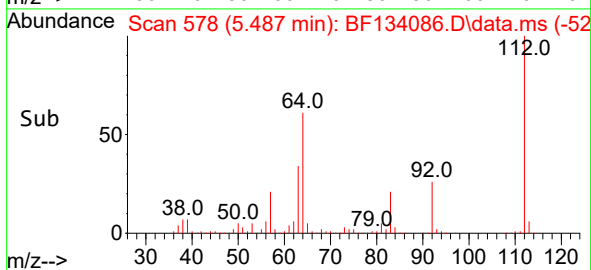
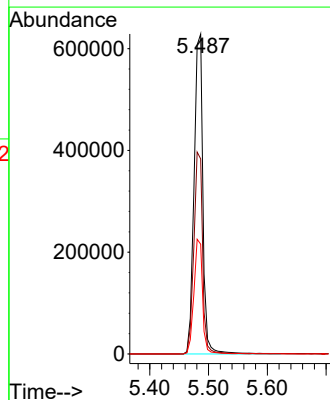
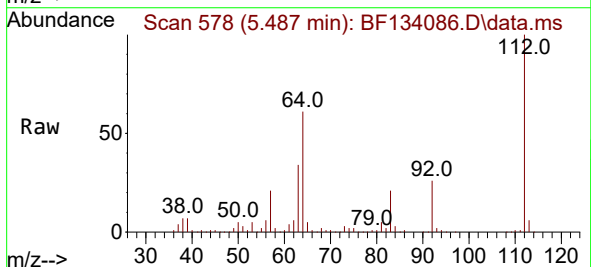
Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-013

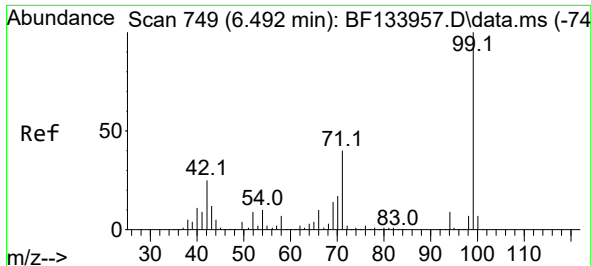
Tgt Ion:152 Resp: 127435
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.5 186.7
 115 62.0 50.2 75.2



#5
 2-Fluorophenol
 Concen: 86.515 ng
 RT: 5.487 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF134086.D
 Acq: 06 Jul 2023 02:14

Tgt Ion:112 Resp: 659089
 Ion Ratio Lower Upper
 112 100
 64 60.9 52.1 78.1
 63 34.3 28.6 42.8

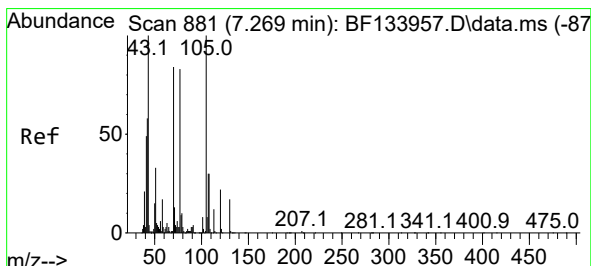
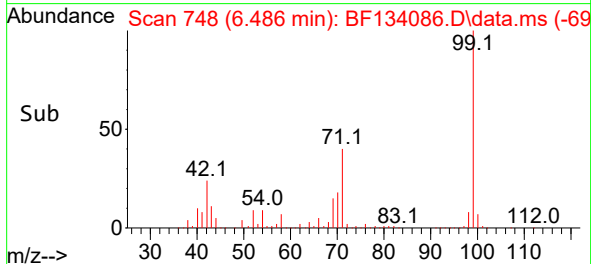
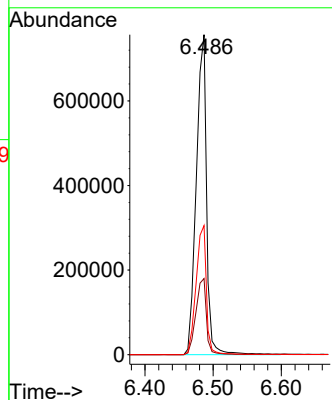
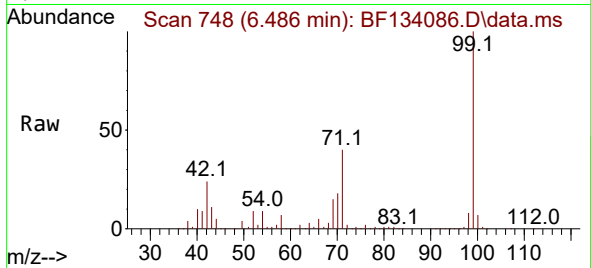




#7
Phenol-d6
Concen: 84.761 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

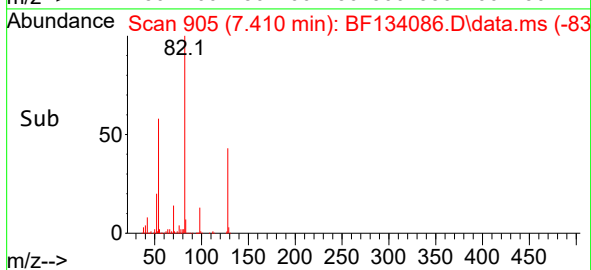
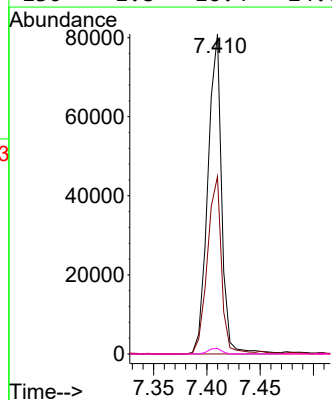
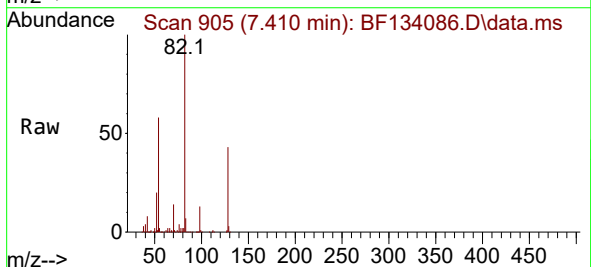
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

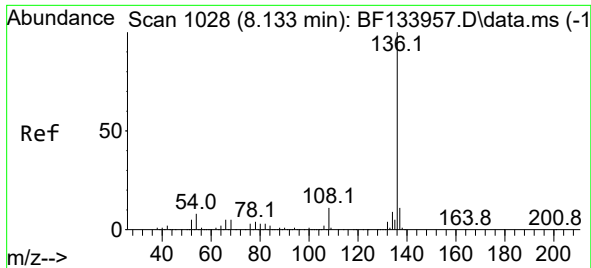
Tgt Ion: 99 Resp: 794117
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 40.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.343 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

Tgt Ion: 70 Resp: 73336
Ion Ratio Lower Upper
70 100
42 55.4 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#

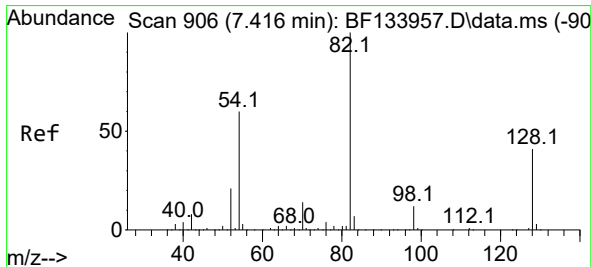
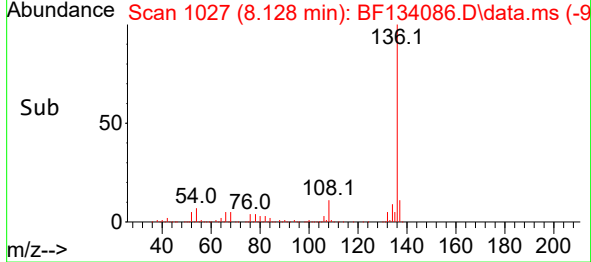
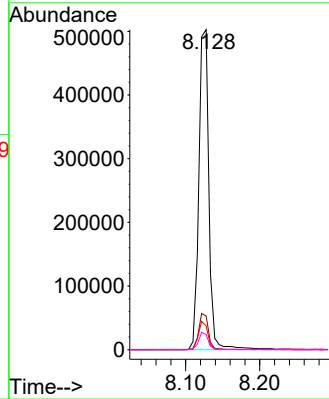
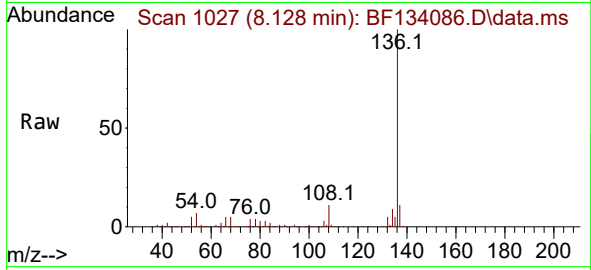




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

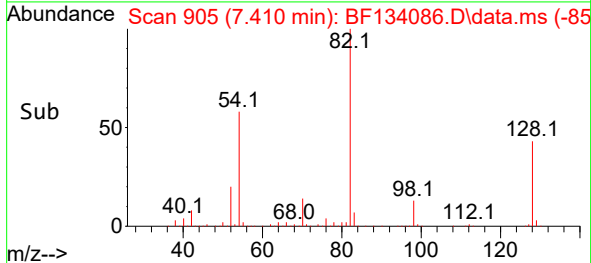
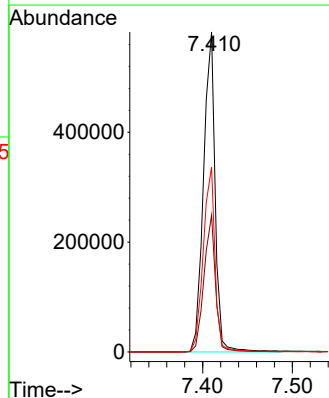
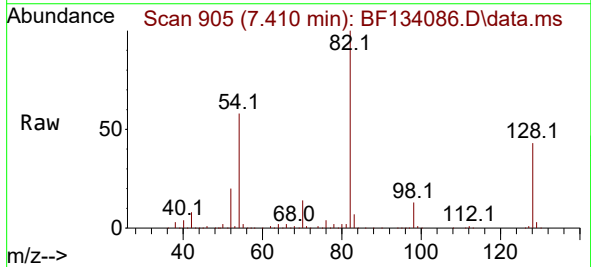
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

Tgt Ion:136 Resp: 472571
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.4 6.5 9.7
68 4.8 4.2 6.2



#23
Nitrobenzene-d5
Concen: 60.047 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

Tgt Ion: 82 Resp: 526413
Ion Ratio Lower Upper
82 100
128 42.7 32.5 48.7
54 57.8 48.2 72.2

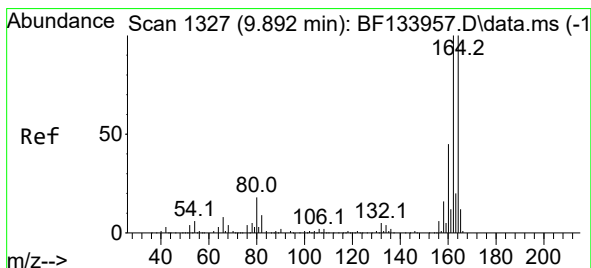
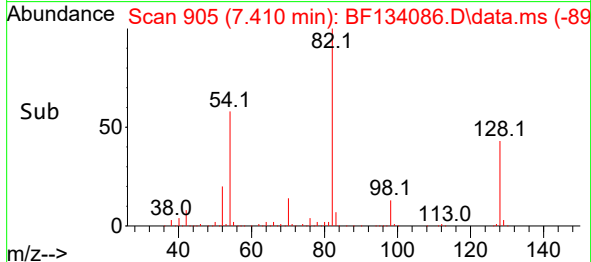
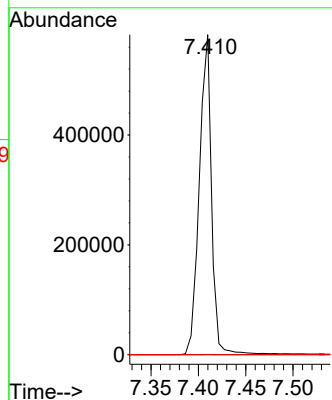
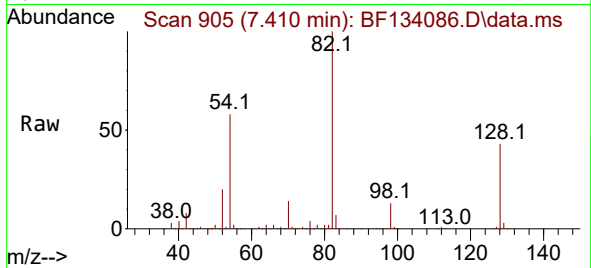




#25
Isophorone
Concen: 33.039 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

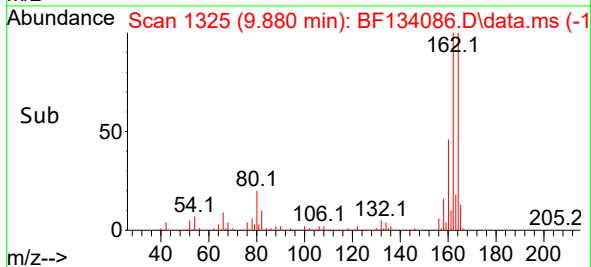
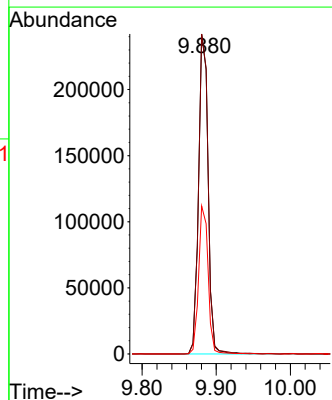
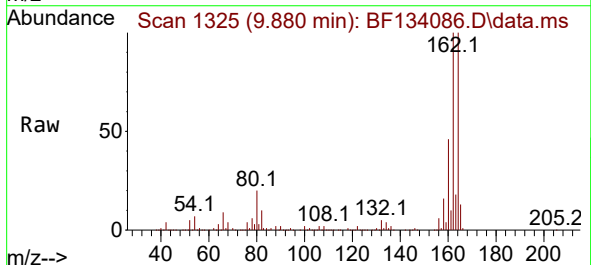
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

Tgt Ion: 82 Resp: 526405
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

Tgt Ion:164 Resp: 215116
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 46.3 35.9 53.9

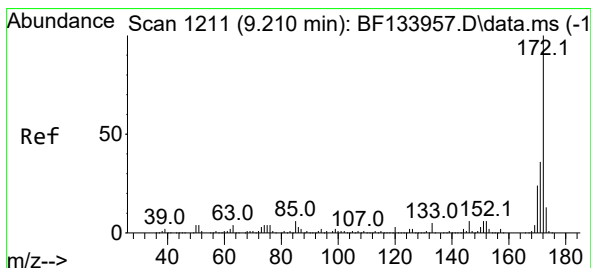
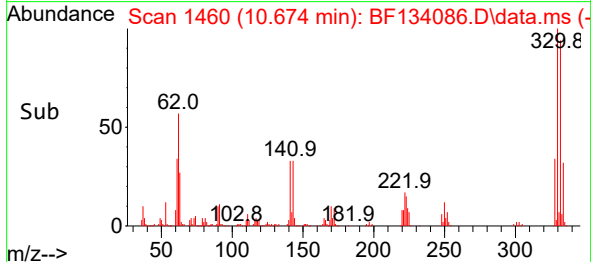
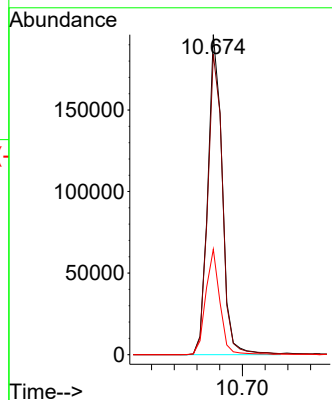
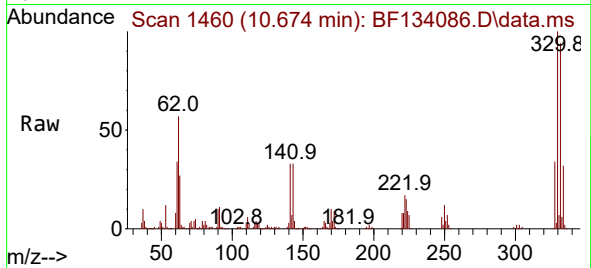




#42
2,4,6-Tribromophenol
Concen: 63.843 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

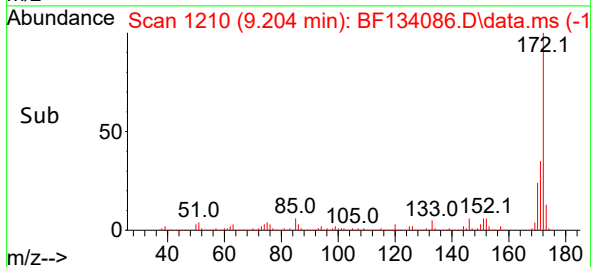
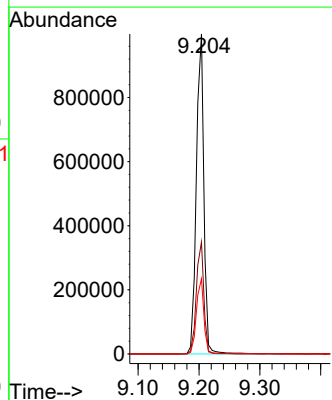
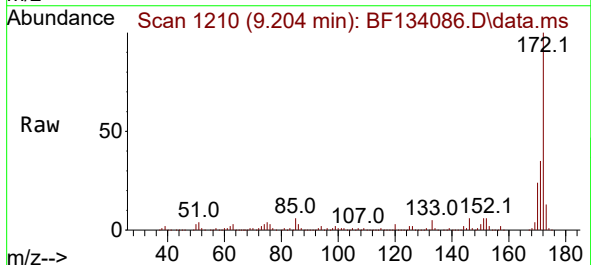
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ClientSampleId :
CMC-EME-TOPSOIL-013

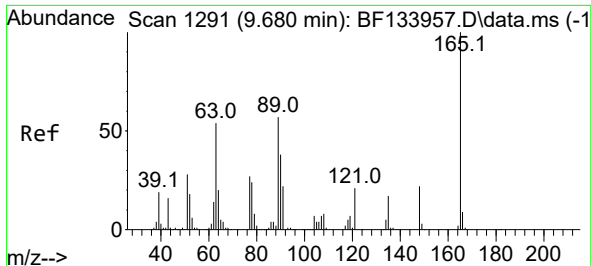
Tgt Ion:330 Resp: 172193
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 57.778 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

Tgt Ion:172 Resp: 854870
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.5 19.4 29.0

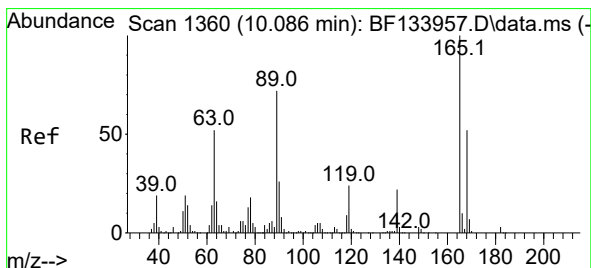
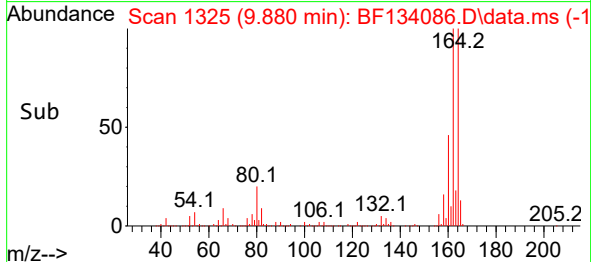
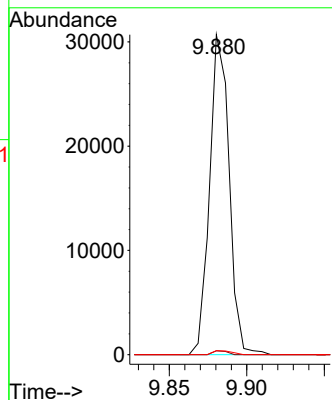
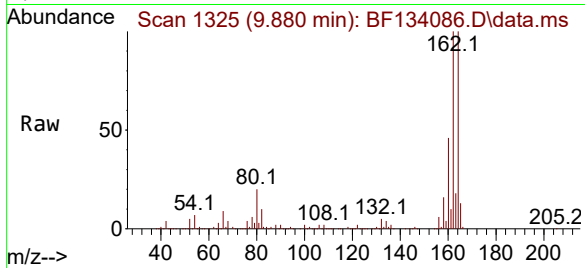




#51
2,6-Dinitrotoluene
Concen: 8.003 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

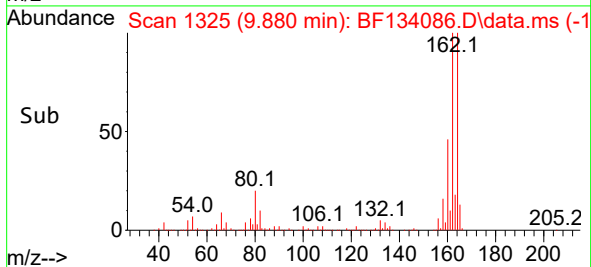
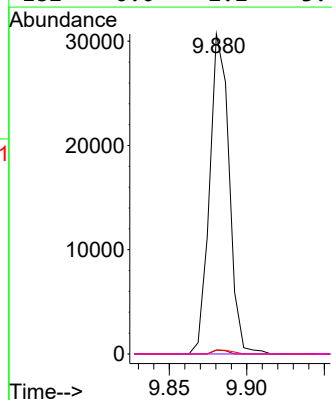
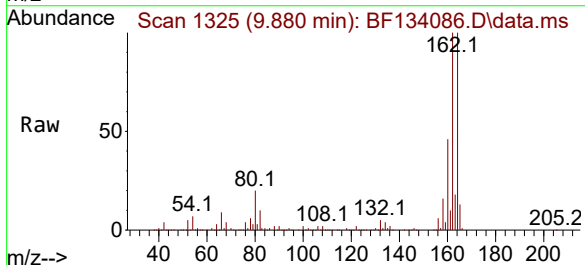
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CMC-EME-TOPSOIL-013

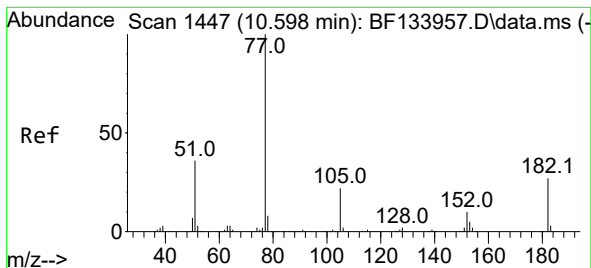
Tgt Ion:165 Resp: 26917
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.2 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.060 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

Tgt Ion:165 Resp: 26917
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.2 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.650 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF134086.D

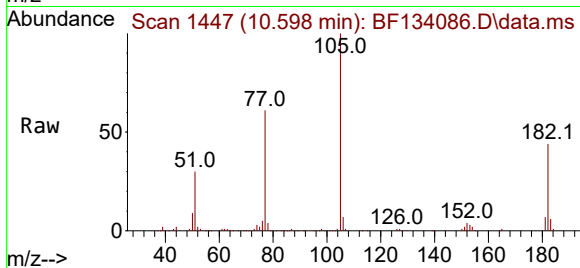
Acq: 06 Jul 2023 02:14

Instrument :

BNA_F

ClientSampleId :

CMC-EME-TOPSOIL-013



Tgt Ion: 77 Resp: 40785

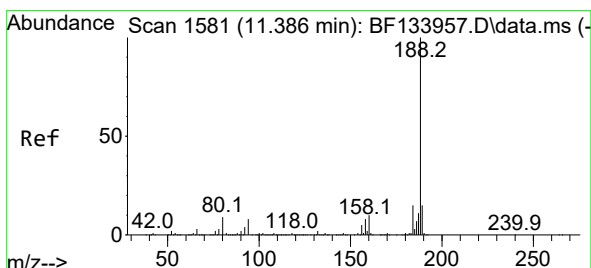
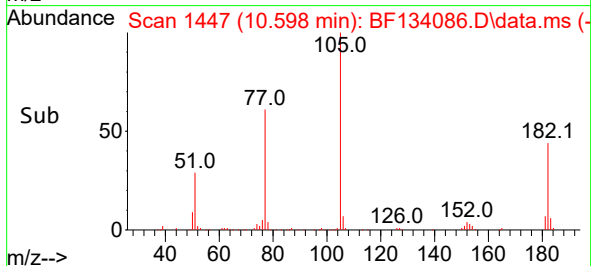
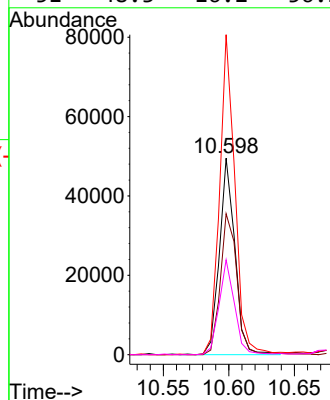
Ion Ratio Lower Upper

77 100

182 71.8 6.8 46.8#

105 162.9 2.3 42.3#

51 48.3 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134086.D

Acq: 06 Jul 2023 02:14

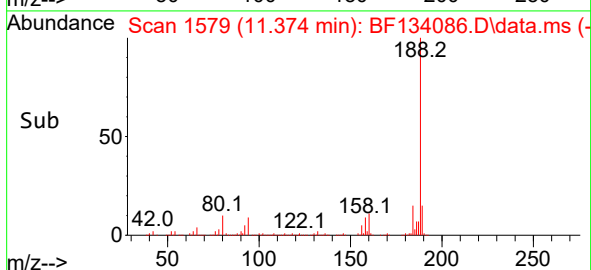
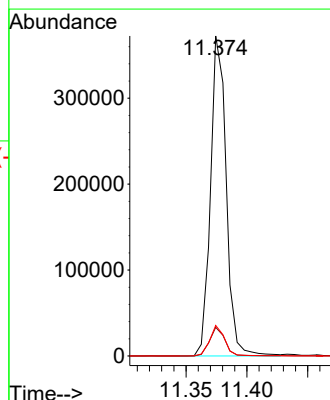
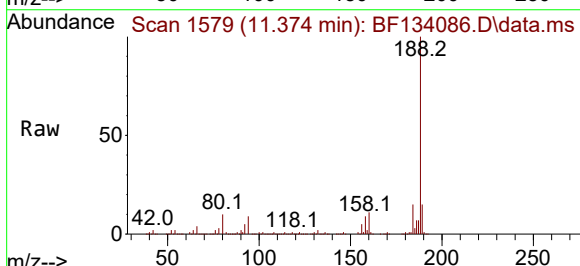
Tgt Ion:188 Resp: 335004

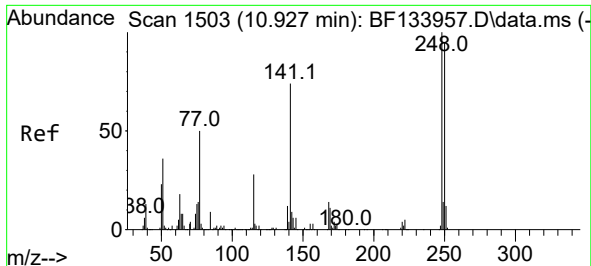
Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.6 7.3 10.9

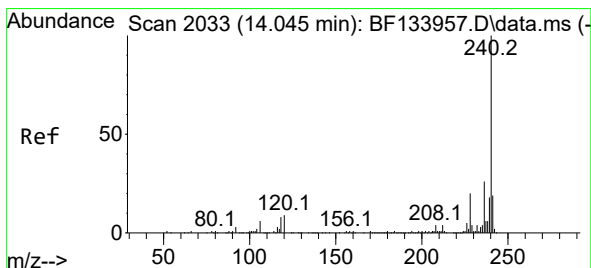
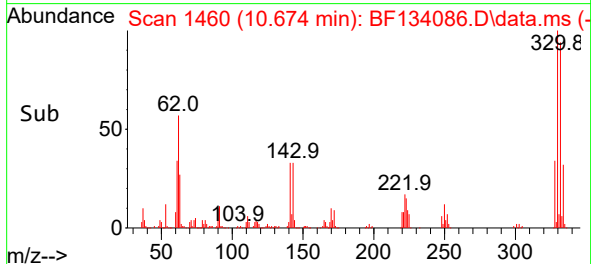
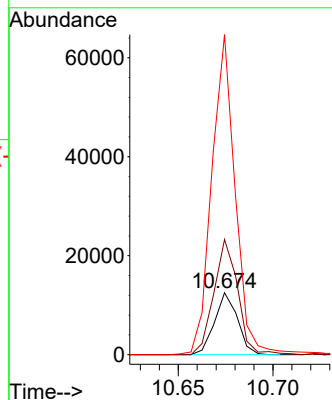
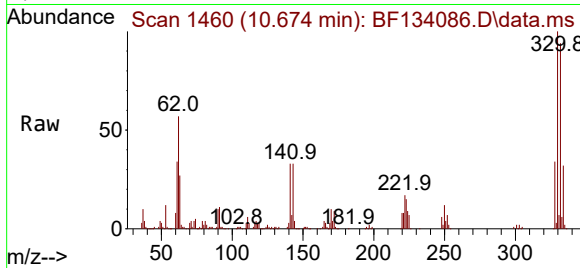




#67
4-Bromophenyl-phenylether
Concen: 2.954 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

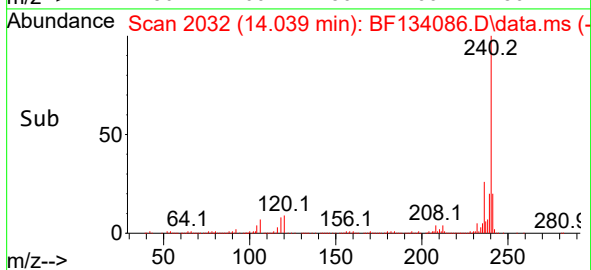
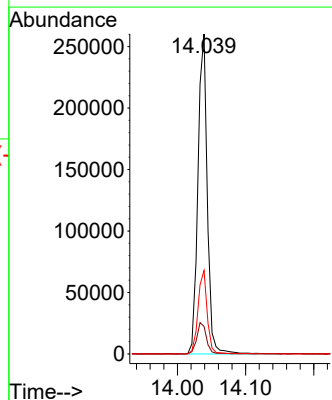
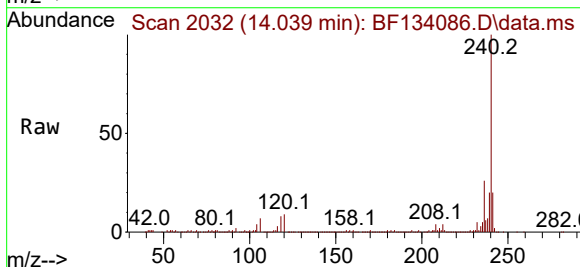
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

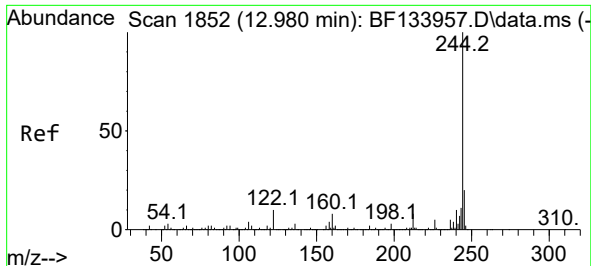
Tgt Ion:248 Resp: 10517
Ion Ratio Lower Upper
248 100
250 186.0 76.2 114.4#
141 516.8 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134086.D
Acq: 06 Jul 2023 02:14

Tgt Ion:240 Resp: 247635
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.1 21.0 31.6

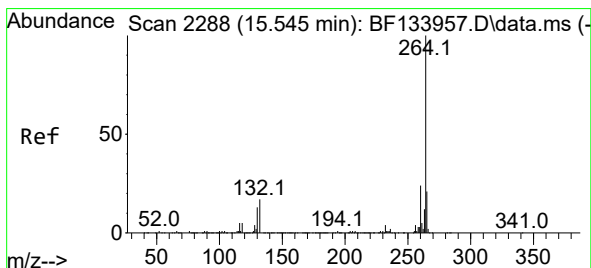
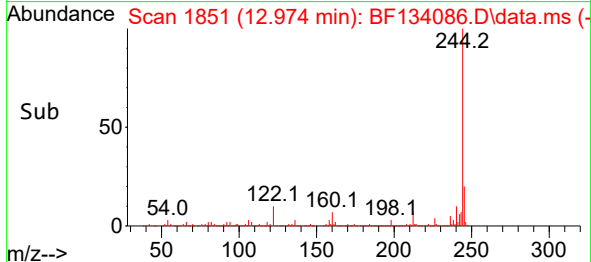
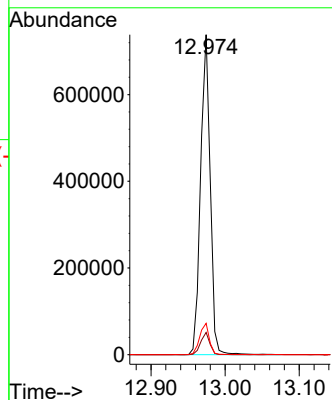
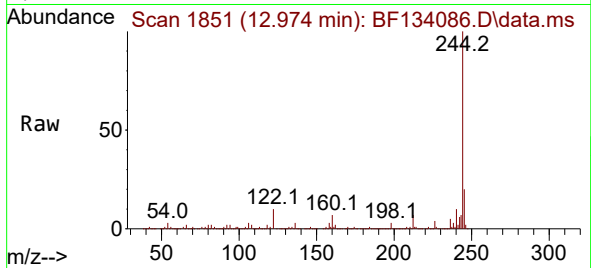




#79
 Terphenyl-d14
 Concen: 43.128 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134086.D
 Acq: 06 Jul 2023 02:14

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-013

Tgt Ion:244 Resp: 663588
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134086.D
 Acq: 06 Jul 2023 02:14

Tgt Ion:264 Resp: 204962
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.2 16.6 25.0

