

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134080.D
 Acq On : 05 Jul 2023 22:45
 Operator : CG\JU
 Sample : 03473-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-006

Quant Time: Jul 06 00:23:14 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	6.846	152	159459	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	533154	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	266720	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	388687	20.000	ng	0.00
76) Chrysene-d12	14.039	240	299567	20.000	ng	-0.01
86) Perylene-d12	15.539	264	249284	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	698794	73.305	ng	0.00
7) Phenol-d6	6.487	99	862457	73.568	ng	0.00
23) Nitrobenzene-d5	7.410	82	561732	56.795	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	173442	51.865	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	953301	51.965	ng	0.00
79) Terphenyl-d14	12.975	244	644724	34.638	ng	-0.01

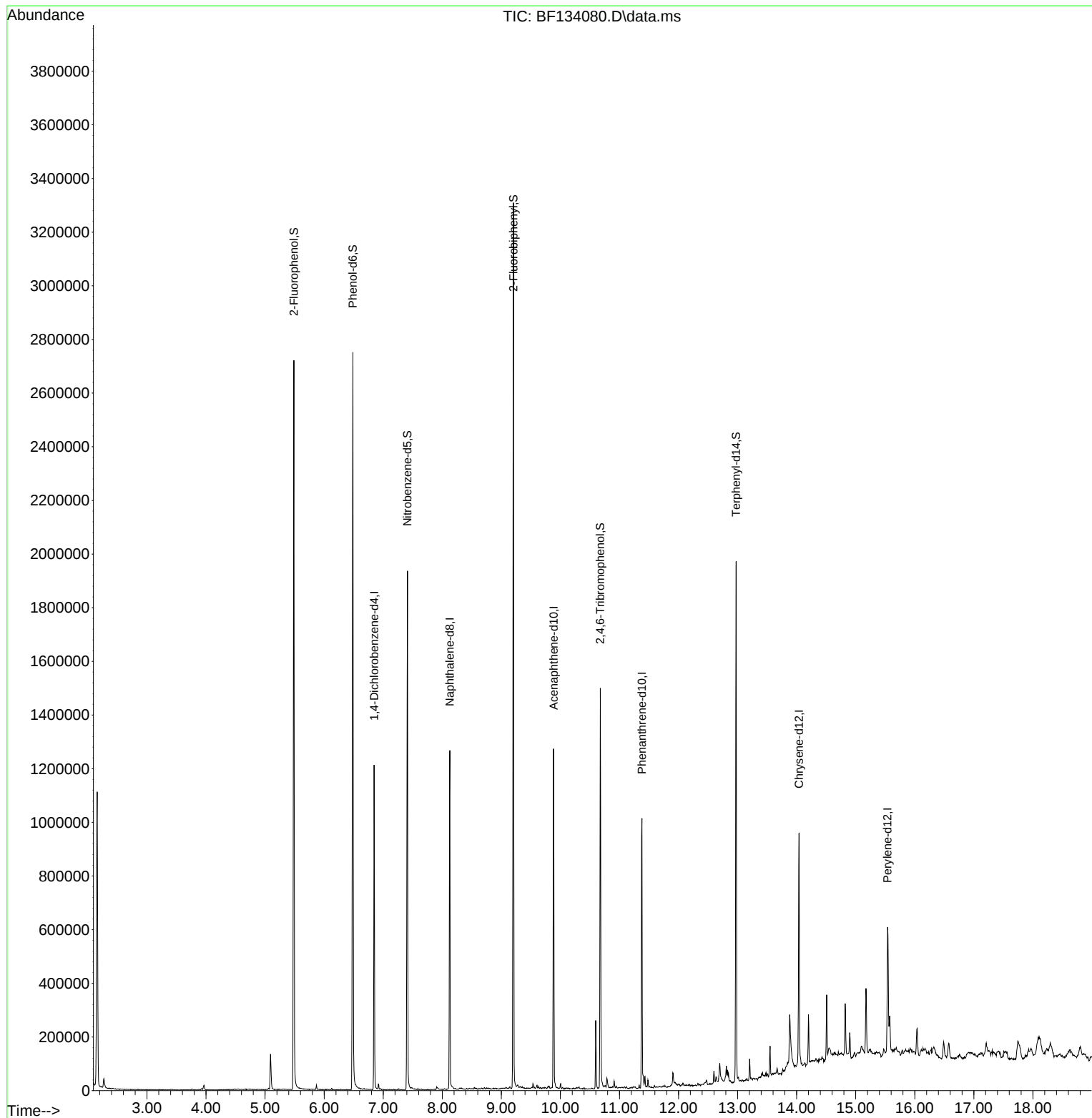
Target Compounds	Qvalue

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

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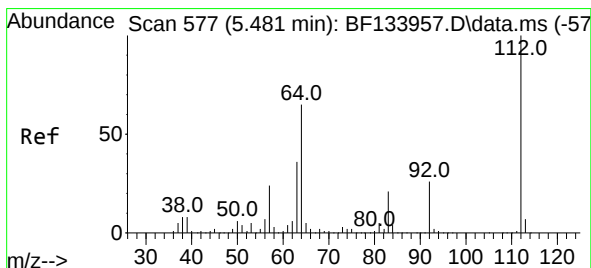
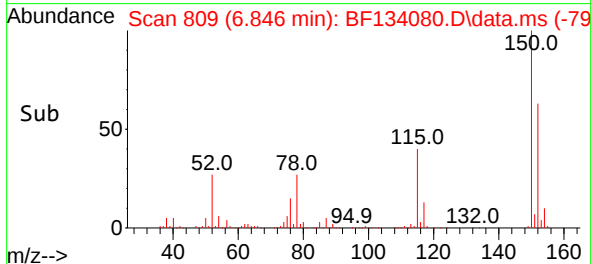
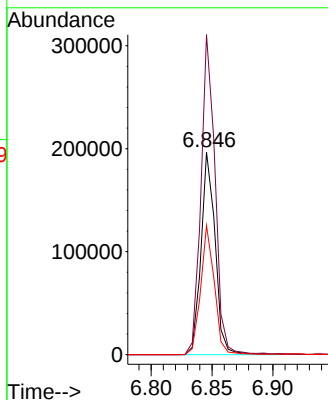
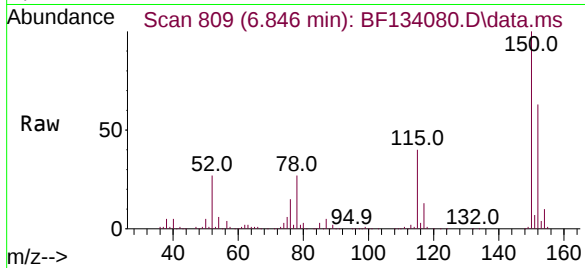




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134080.D
Acq: 05 Jul 2023 22:45

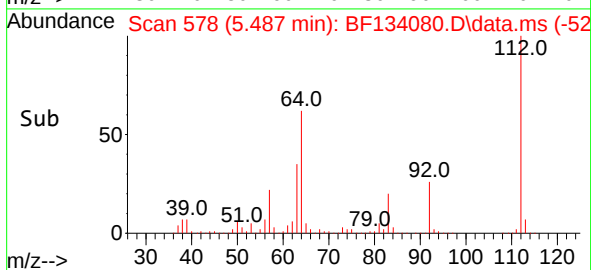
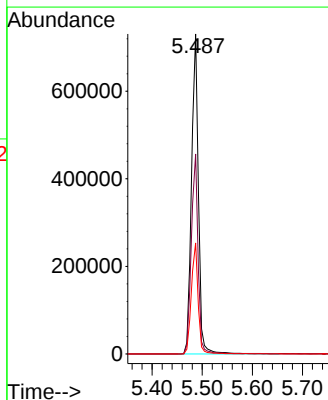
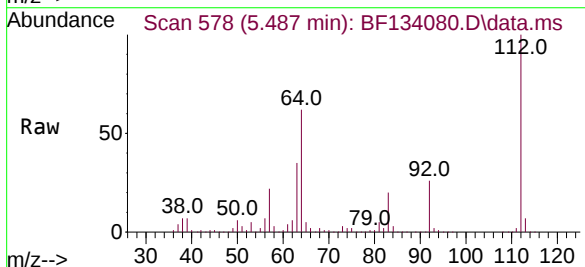
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-006

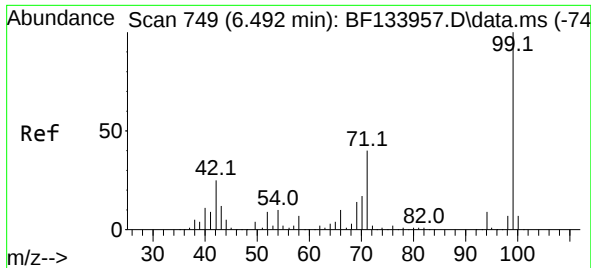
Tgt Ion:152 Resp: 159459
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 63.7 50.2 75.2



#5
2-Fluorophenol
Concen: 73.305 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF134080.D
Acq: 05 Jul 2023 22:45

Tgt Ion:112 Resp: 698794
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 34.7 28.6 42.8





#7

Phenol-d6

Concen: 73.568 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134080.D

Acq: 05 Jul 2023 22:45

Instrument :

BNA_F

ClientSampleId :

CMC-EME-TOPSOIL-006

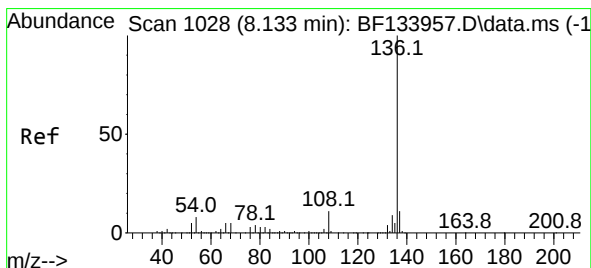
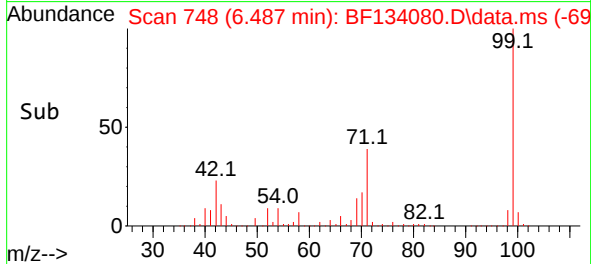
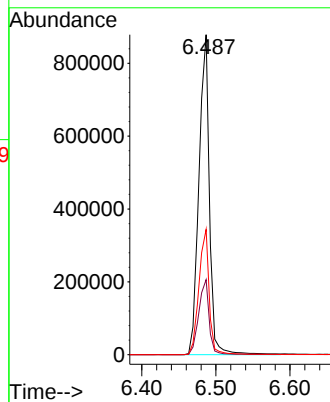
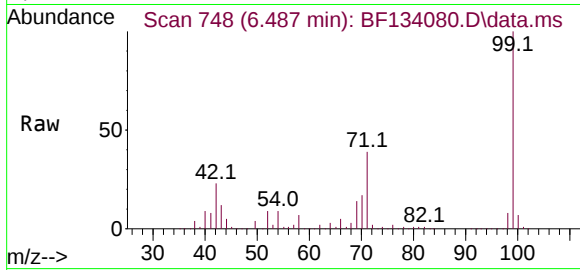
Tgt Ion: 99 Resp: 862457

Ion Ratio Lower Upper

99 100

42 23.4 19.8 29.6

71 39.2 31.9 47.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF134080.D

Acq: 05 Jul 2023 22:45

Tgt Ion: 136 Resp: 533154

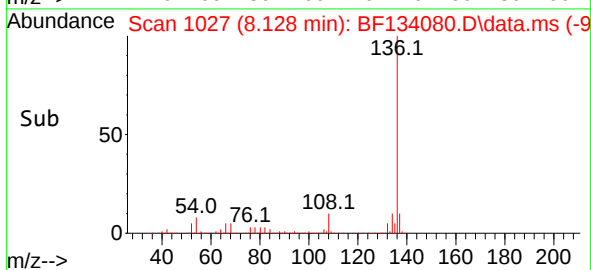
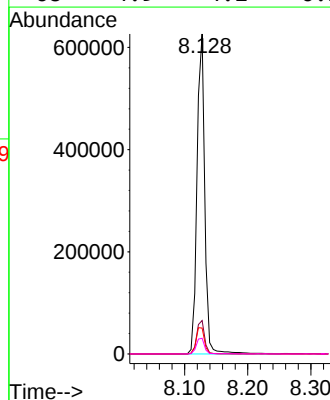
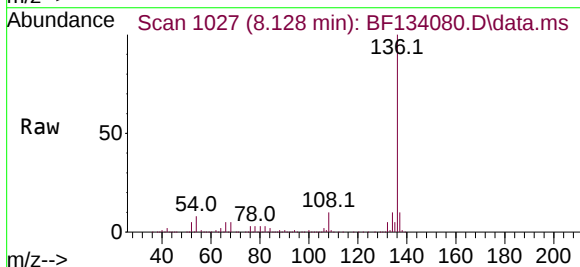
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 8.1 6.5 9.7

68 4.9 4.2 6.2

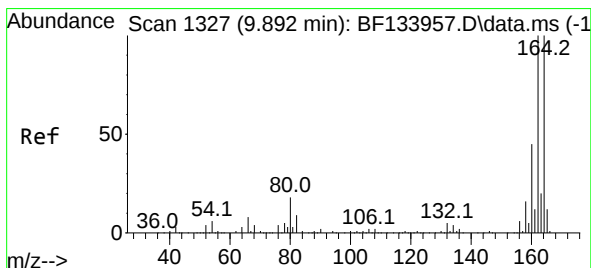
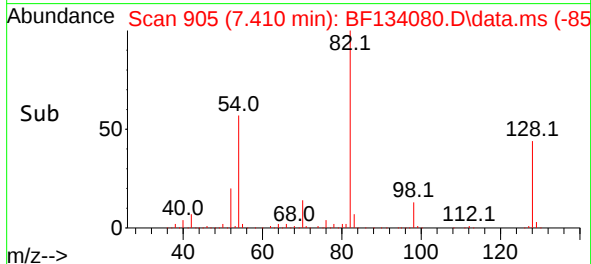
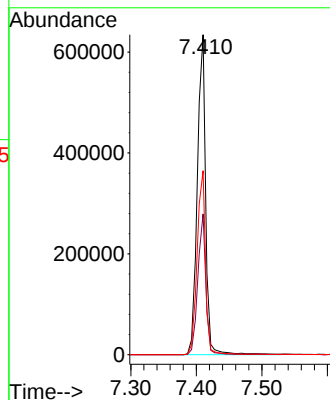
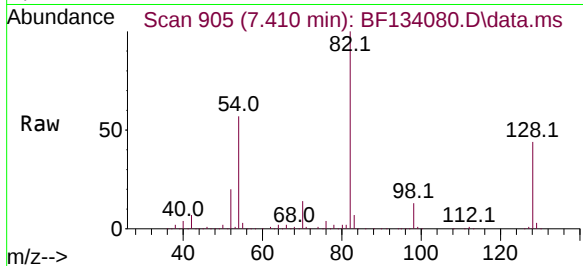




#23
 Nitrobenzene-d5
 Concen: 56.795 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134080.D
 Acq: 05 Jul 2023 22:45

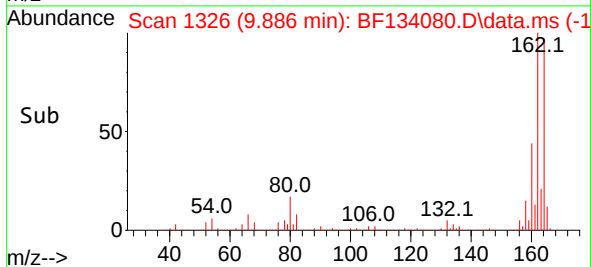
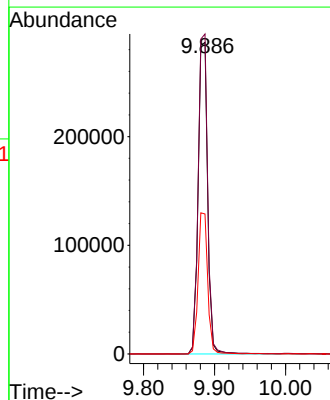
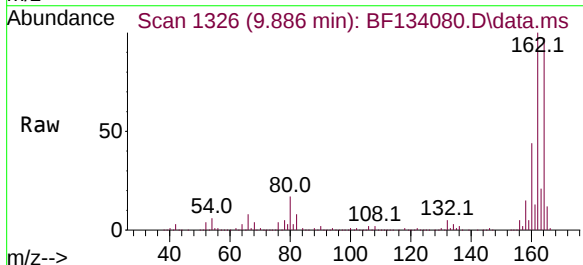
Instrument :
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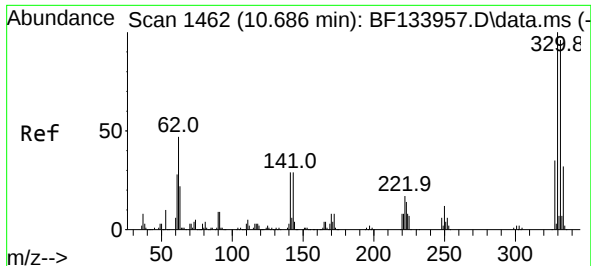
Tgt Ion: 82 Resp: 561732
 Ion Ratio Lower Upper
 82 100
 128 44.0 32.5 48.7
 54 57.5 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF134080.D
 Acq: 05 Jul 2023 22:45

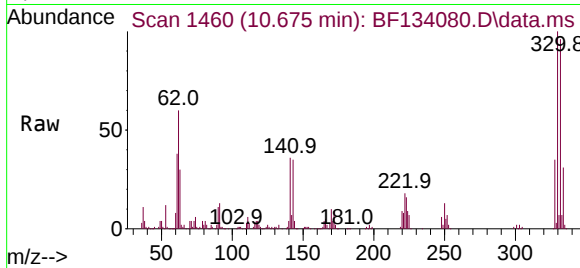
Tgt Ion:164 Resp: 266720
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.0 120.0
 160 45.0 35.9 53.9



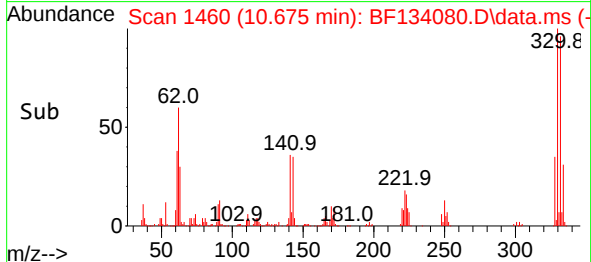
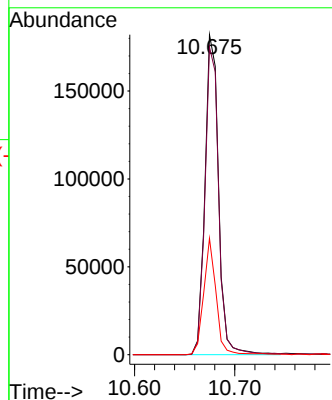


#42
2,4,6-Tribromophenol
Concen: 51.865 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134080.D
Acq: 05 Jul 2023 22:45

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-006

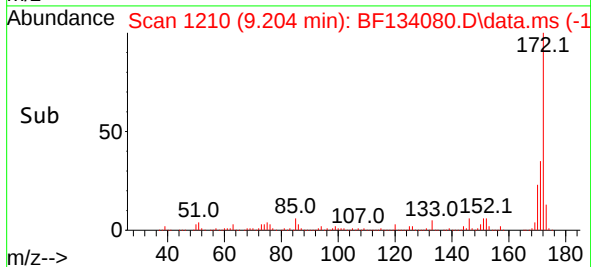
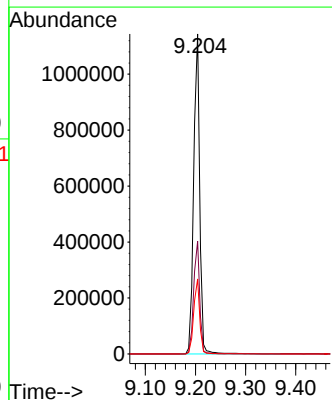
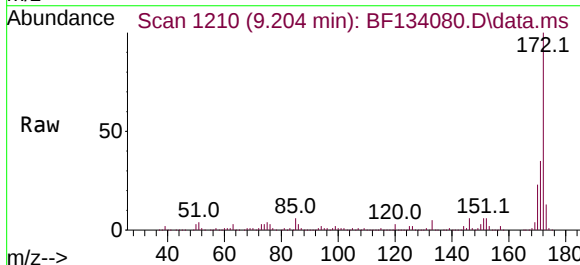


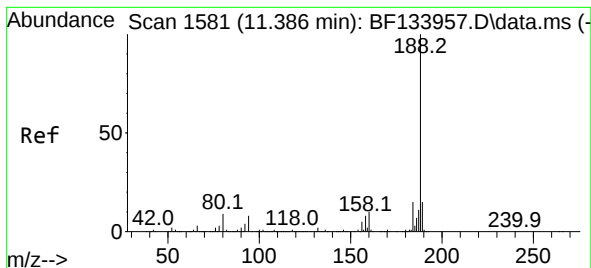
Tgt Ion:330 Resp: 173442
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 33.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 51.965 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134080.D
Acq: 05 Jul 2023 22:45

Tgt Ion:172 Resp: 953301
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134080.D

Acq: 05 Jul 2023 22:45

Instrument :

BNA_F

ClientSampleId :

CMC-EME-TOPSOIL-006

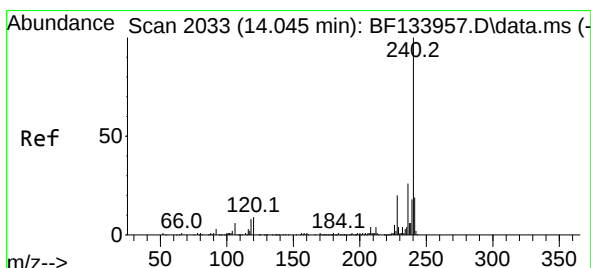
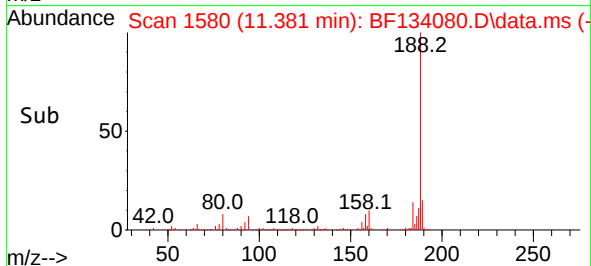
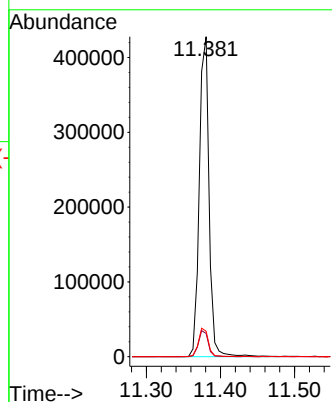
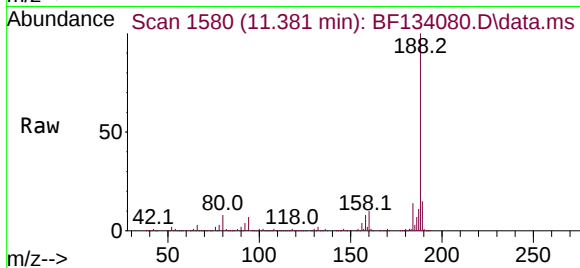
Tgt Ion:188 Resp: 388687

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

80 7.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134080.D

Acq: 05 Jul 2023 22:45

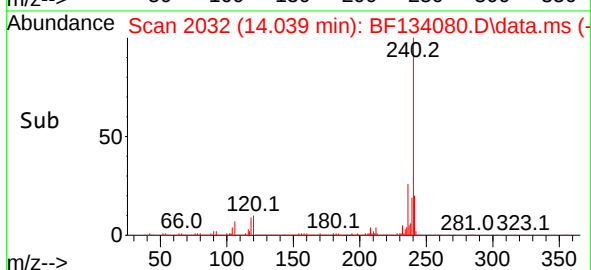
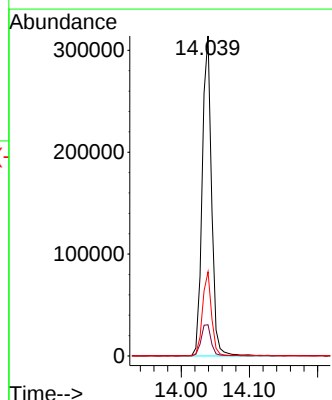
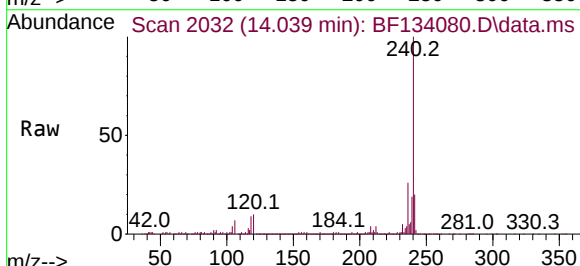
Tgt Ion:240 Resp: 299567

Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 26.3 21.0 31.6

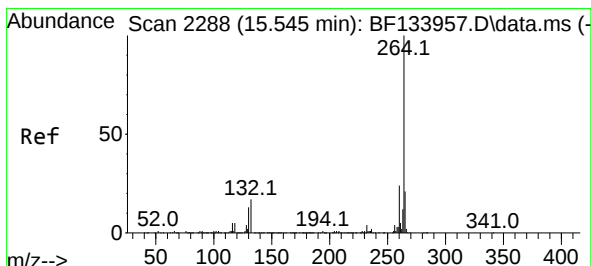
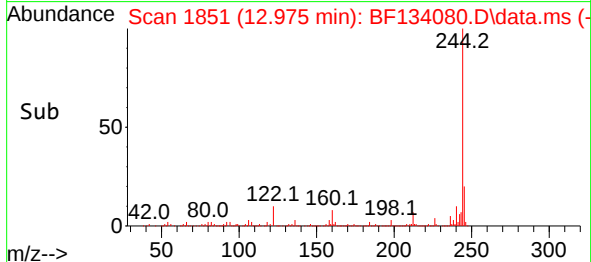
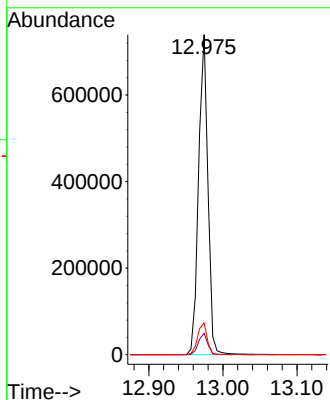
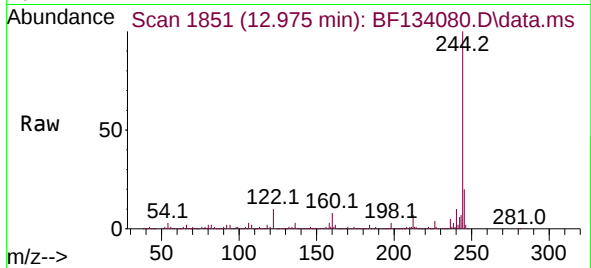




#79
Terphenyl-d14
Concen: 34.638 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134080.D
Acq: 05 Jul 2023 22:45

Instrument :
BNA_F
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CMC-EME-TOPSOIL-006

Tgt Ion:244 Resp: 644724
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 9.9 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134080.D
Acq: 05 Jul 2023 22:45

Tgt Ion:264 Resp: 249284
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.3 16.6 25.0

