

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134085.D
 Acq On : 06 Jul 2023 01:40
 Operator : CG\JU
 Sample : 03473-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-012

Quant Time: Jul 06 02:26:09 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	149377	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	497441	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	237489	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	432114	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	286616	20.000	ng	-0.01
86) Perylene-d12	15.539	264	253586	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	664695	74.435	ng	0.00
7) Phenol-d6	6.481	99	895821	81.571	ng	-0.01
23) Nitrobenzene-d5	7.410	82	517748	56.106	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	190190	63.873	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	862100	52.777	ng	0.00
79) Terphenyl-d14	12.974	244	868380	48.762	ng	-0.01

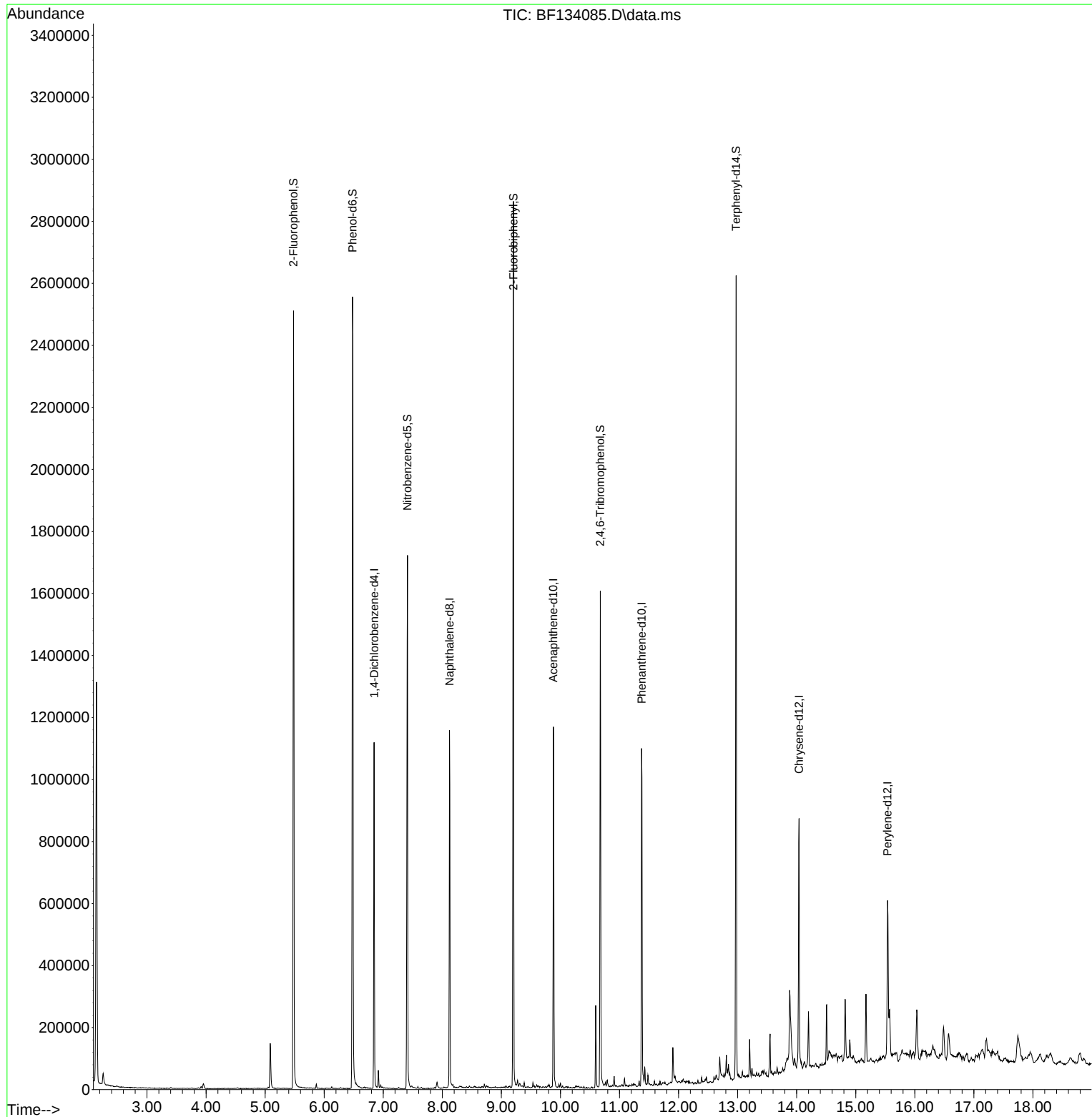
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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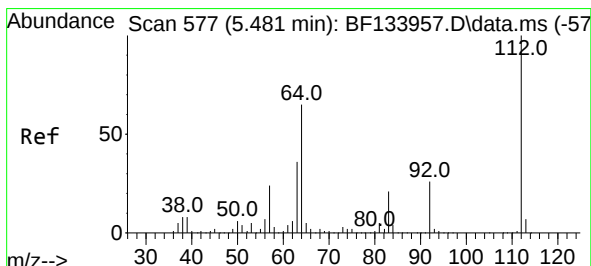
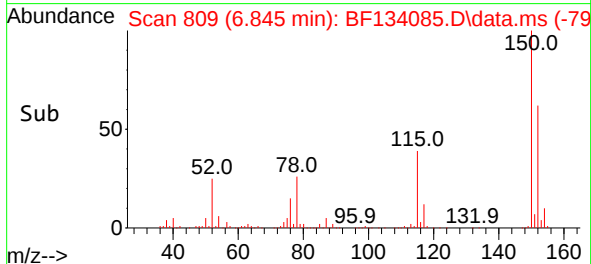
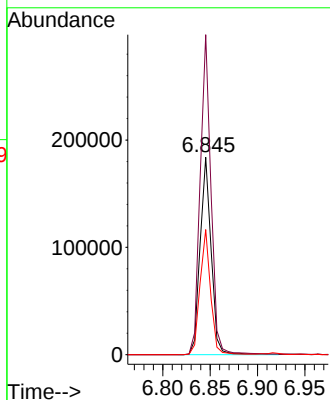
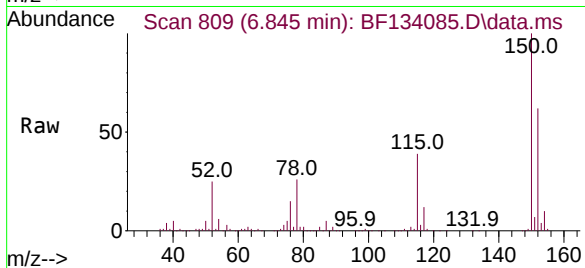




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

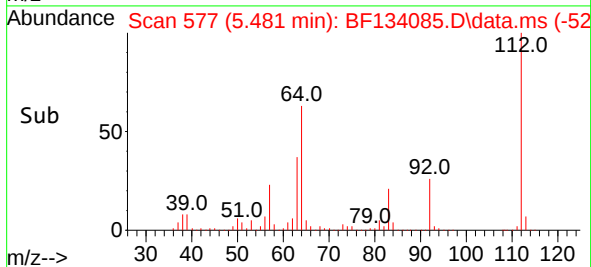
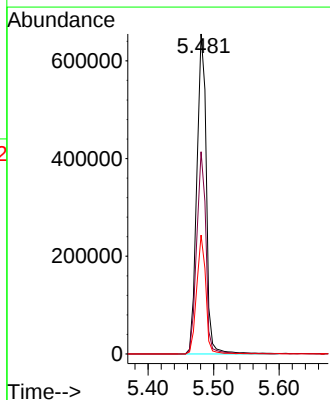
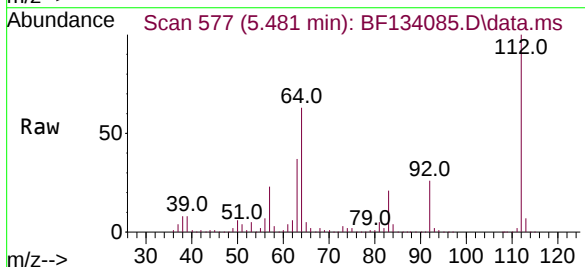
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-012

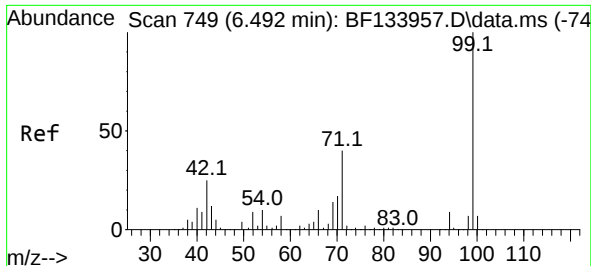
Tgt Ion:152 Resp: 149377
Ion Ratio Lower Upper
152 100
150 162.1 124.5 186.7
115 63.4 50.2 75.2



#5
2-Fluorophenol
Concen: 74.435 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

Tgt Ion:112 Resp: 664695
Ion Ratio Lower Upper
112 100
64 63.2 52.1 78.1
63 37.1 28.6 42.8

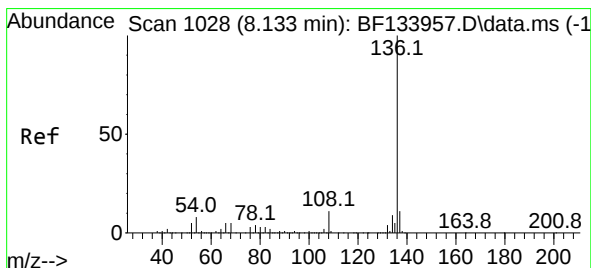
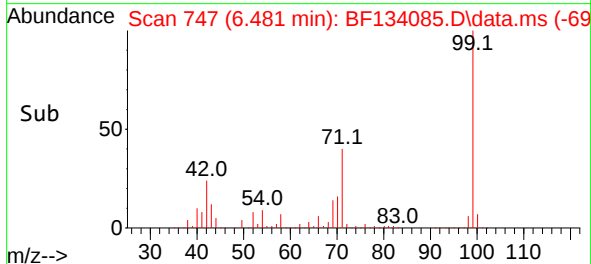
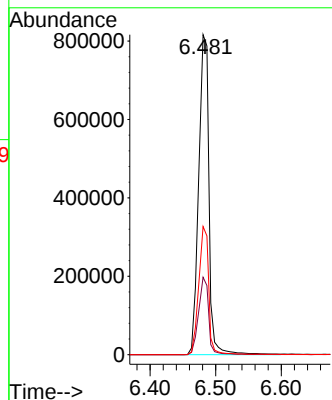
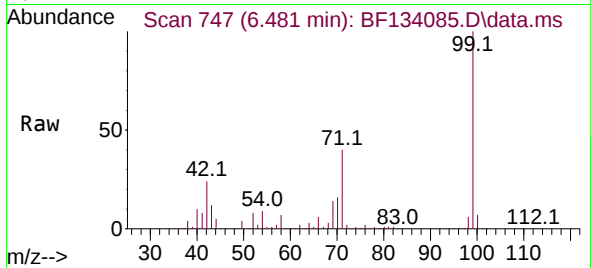




#7
Phenol-d6
Concen: 81.571 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

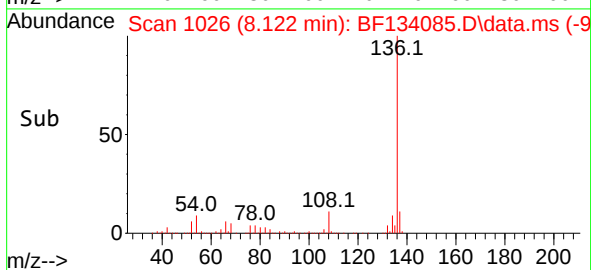
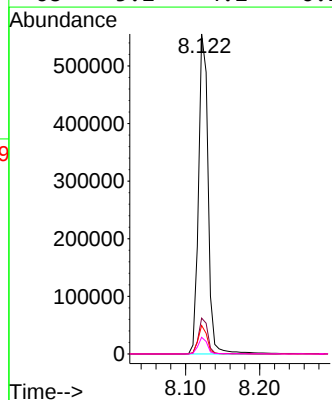
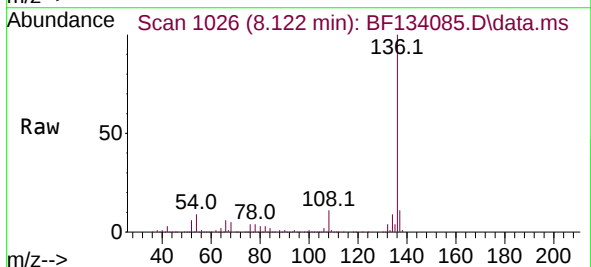
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-012

Tgt Ion: 99 Resp: 895821
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 40.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

Tgt Ion:136 Resp: 497441
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.9 6.5 9.7
68 5.2 4.2 6.2

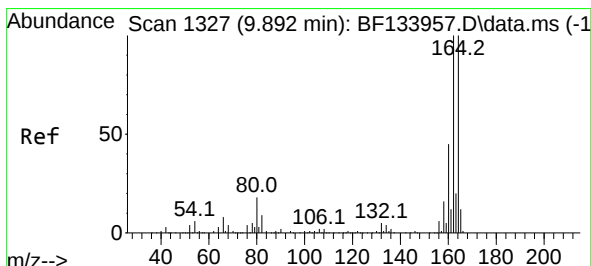
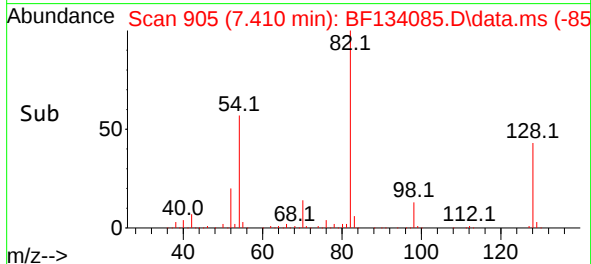
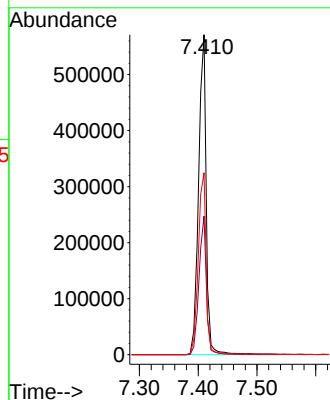
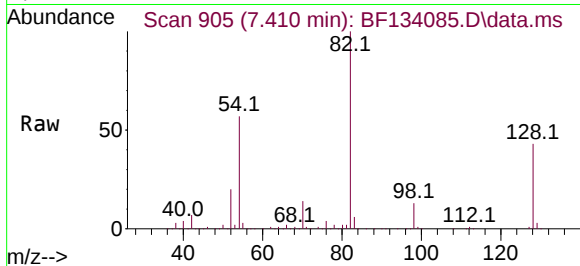




#23
 Nitrobenzene-d5
 Concen: 56.106 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134085.D
 Acq: 06 Jul 2023 01:40

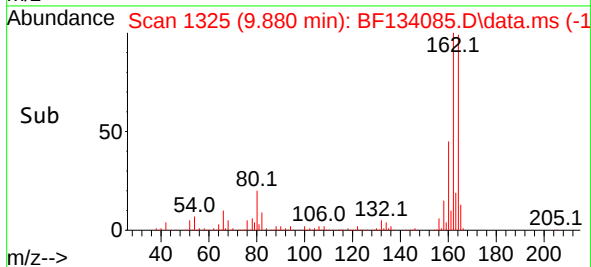
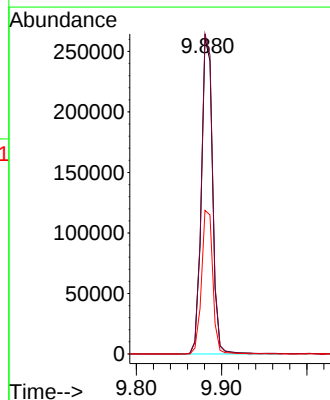
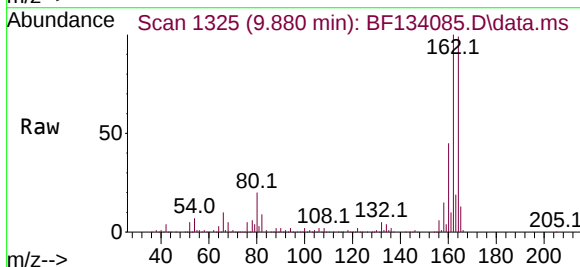
Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-012

Tgt Ion: 82 Resp: 517748
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.5 48.7
 54 56.9 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134085.D
 Acq: 06 Jul 2023 01:40

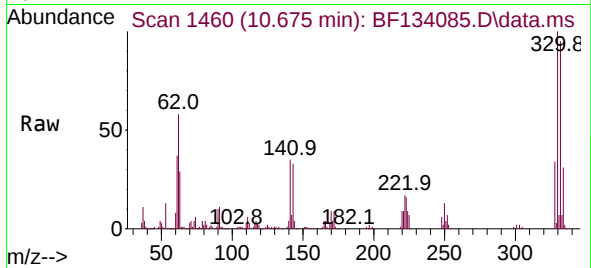
Tgt Ion: 164 Resp: 237489
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.0 120.0
 160 45.4 35.9 53.9



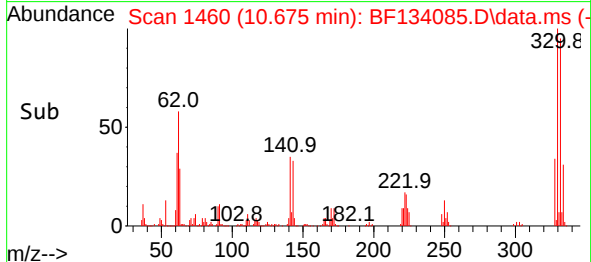
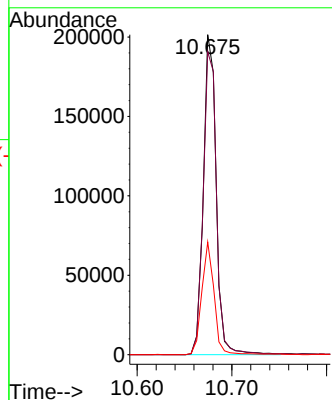


#42
2,4,6-Tribromophenol
Concen: 63.873 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-012

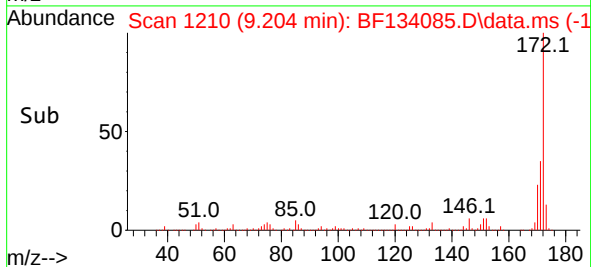
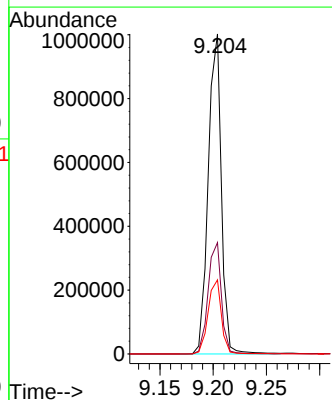
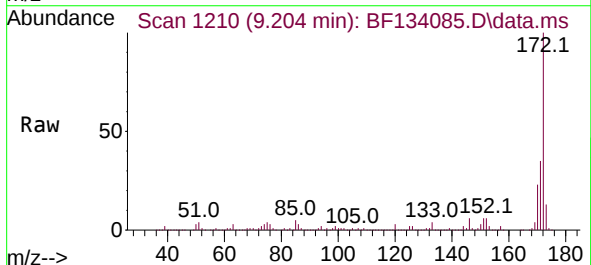


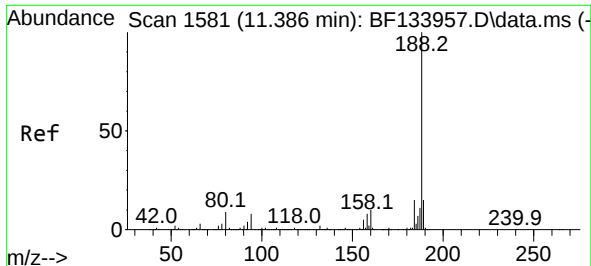
Tgt Ion: 330 Resp: 190190
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 34.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 52.777 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

Tgt Ion: 172 Resp: 862100
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.2 19.4 29.0

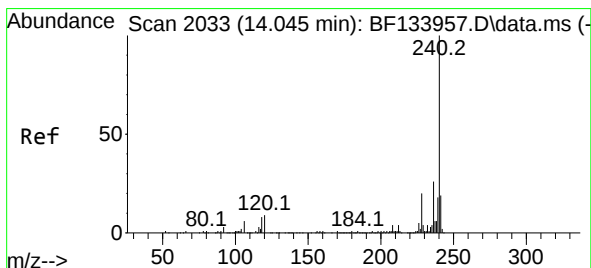
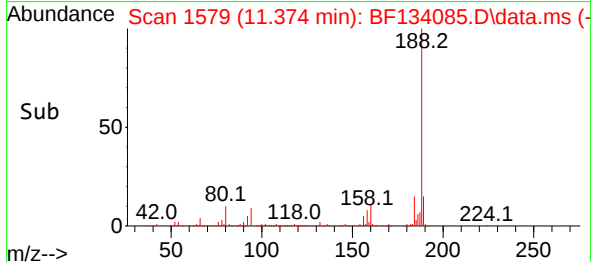
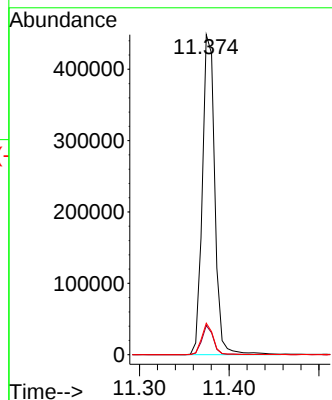
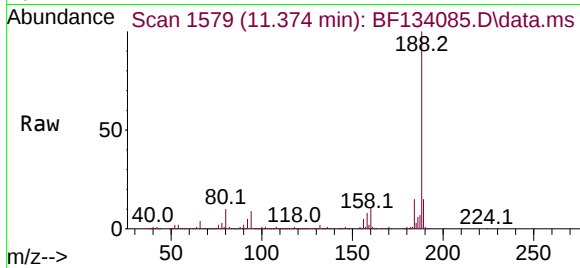




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

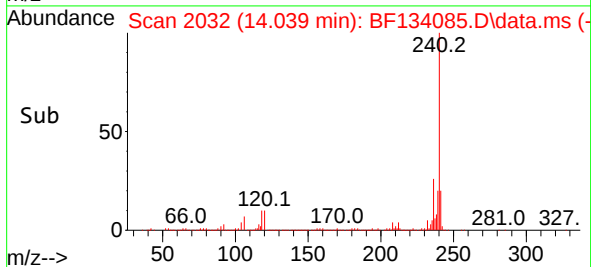
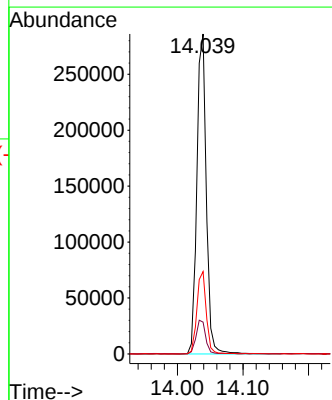
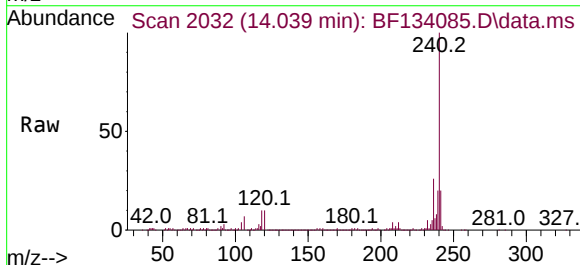
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-012

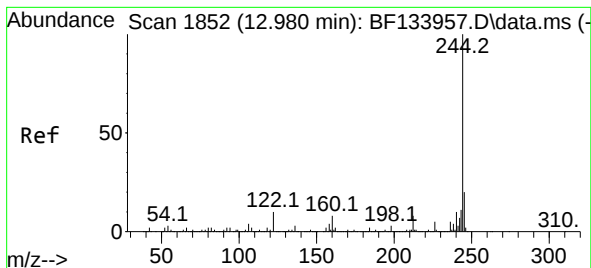
Tgt Ion:188 Resp: 432114
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 9.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134085.D
Acq: 06 Jul 2023 01:40

Tgt Ion:240 Resp: 286616
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 25.7 21.0 31.6





#79

Terphenyl-d14

Concen: 48.762 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134085.D

Acq: 06 Jul 2023 01:40

Instrument :

BNA_F

ClientSampleId :

CMC-EME-TOPSOIL-012

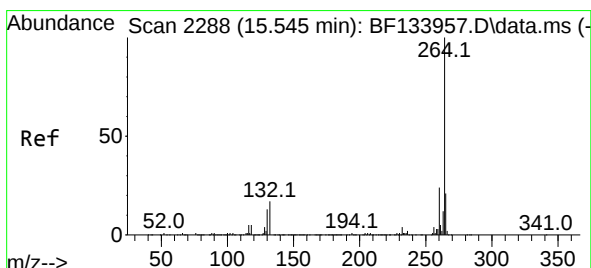
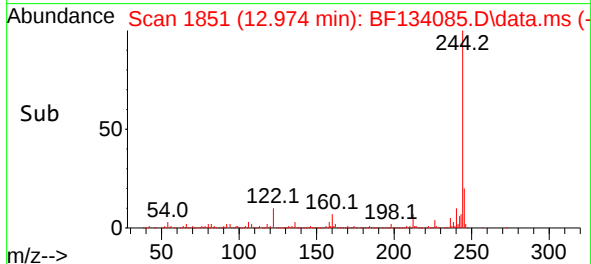
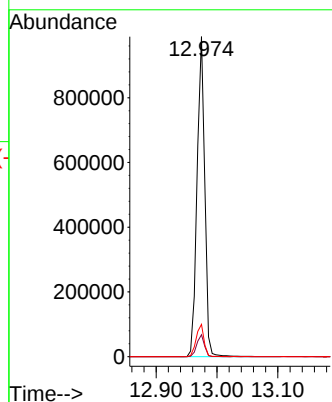
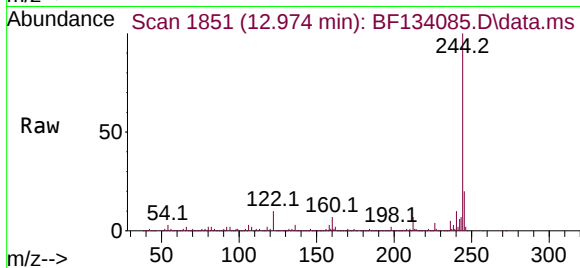
Tgt Ion:244 Resp: 868380

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 10.1 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: BF134085.D

Acq: 06 Jul 2023 01:40

Tgt Ion:264 Resp: 253586

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.1 16.6 25.0

