

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134082.D
 Acq On : 05 Jul 2023 23:56
 Operator : CG\JU
 Sample : 03473-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-008

Quant Time: Jul 06 00:23:41 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	137447	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	566322	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	255916	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	354525	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	250546	20.000	ng	-0.01
86) Perylene-d12	15.539	264	211005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	576421	70.152	ng	0.00
7) Phenol-d6	6.481	99	686858	67.972	ng	-0.01
23) Nitrobenzene-d5	7.410	82	510565	48.598	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	132080	41.163	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	783442	44.508	ng	0.00
79) Terphenyl-d14	12.974	244	584148	37.524	ng	-0.01

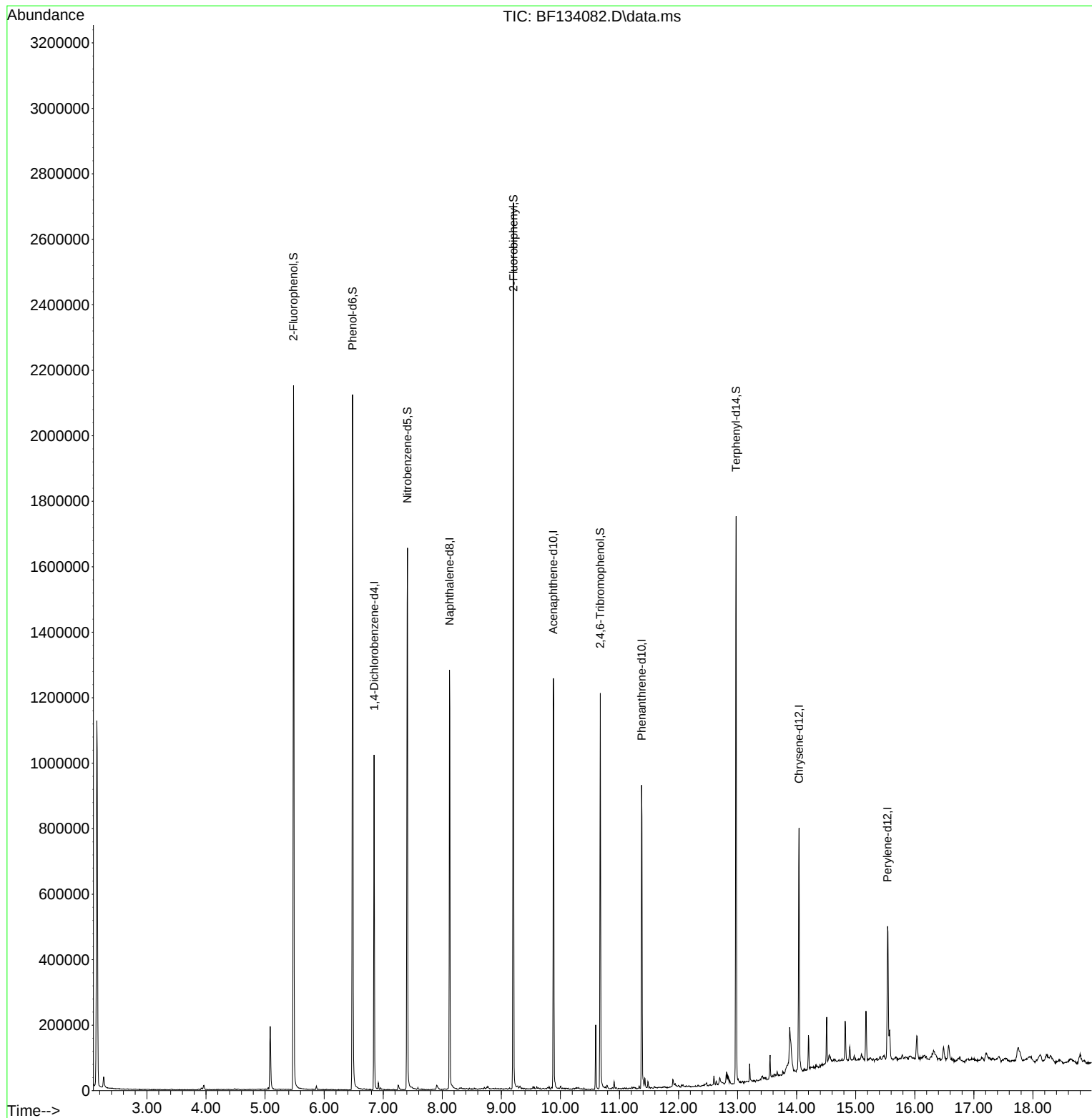
Target Compounds	Qvalue

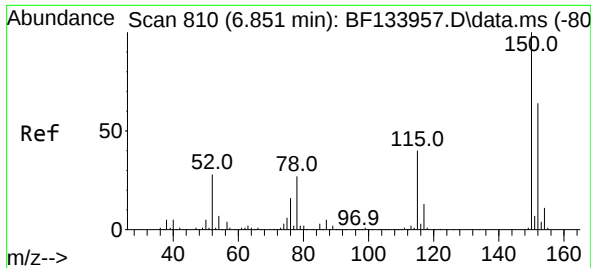
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134082.D
Acq On : 05 Jul 2023 23:56
Operator : CG\JU
Sample : 03473-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-008

Quant Time: Jul 06 00:23:41 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

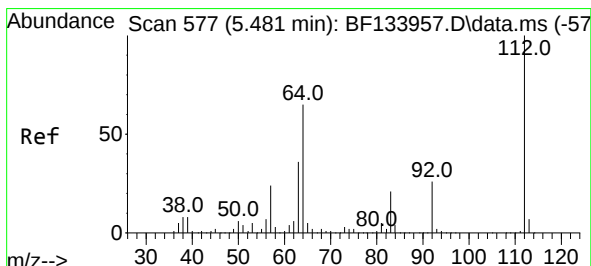
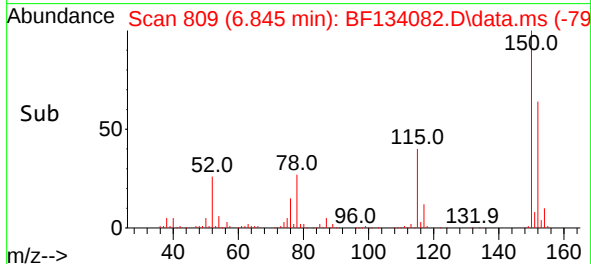
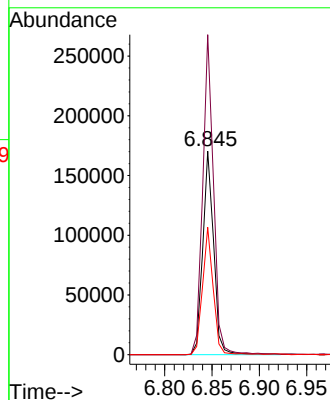
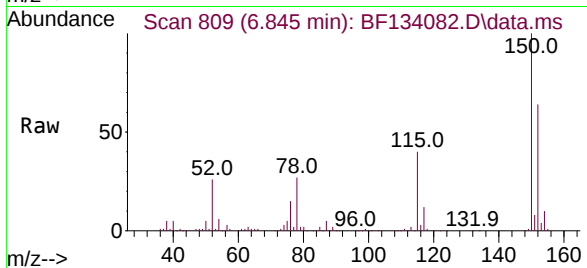




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

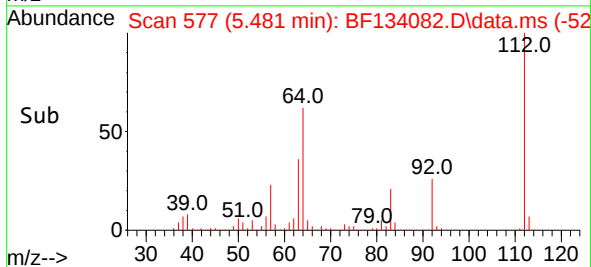
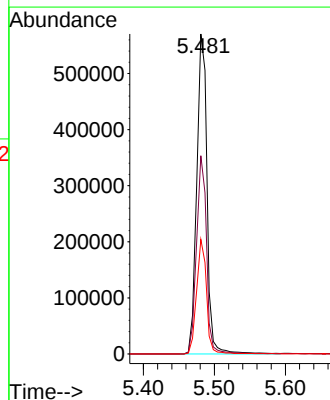
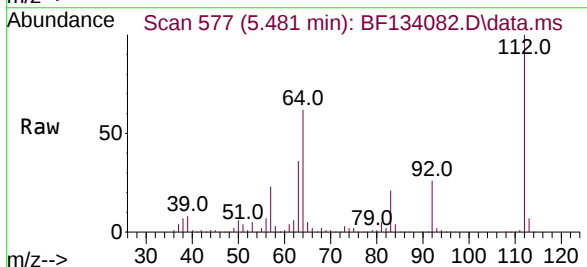
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-008

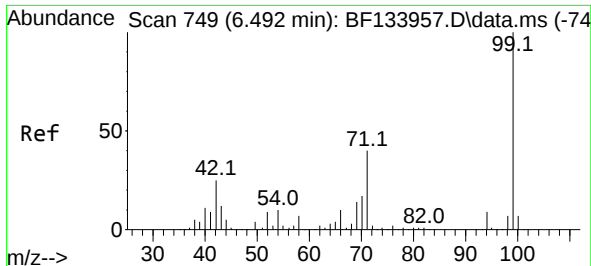
Tgt Ion:152 Resp: 137447
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 62.6 50.2 75.2



#5
2-Fluorophenol
Concen: 70.152 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion:112 Resp: 576421
Ion Ratio Lower Upper
112 100
64 62.0 52.1 78.1
63 35.8 28.6 42.8

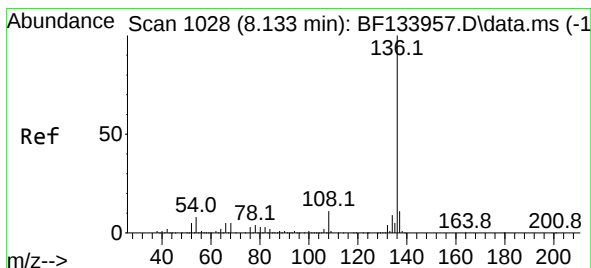
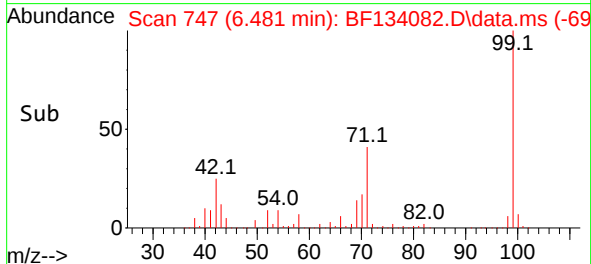
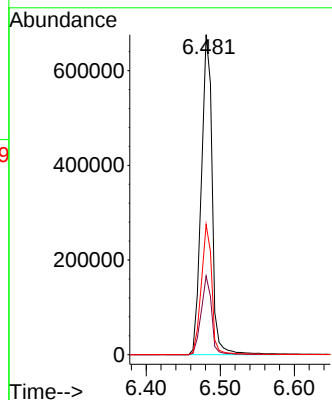
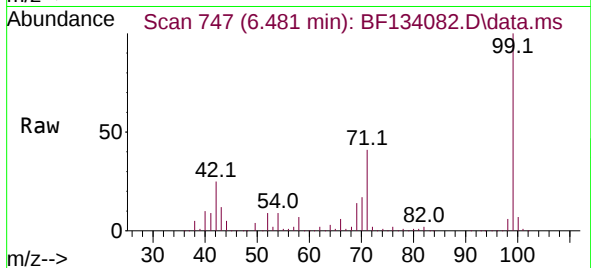




#7
Phenol-d6
Concen: 67.972 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

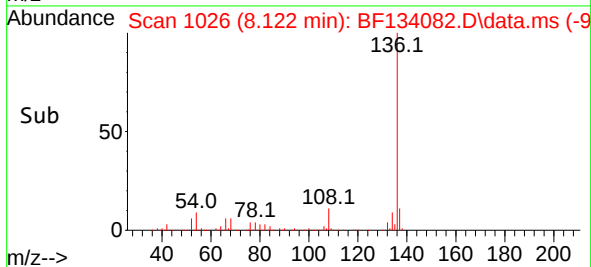
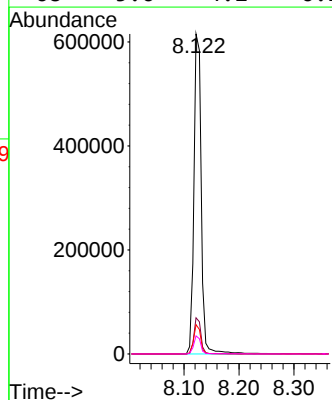
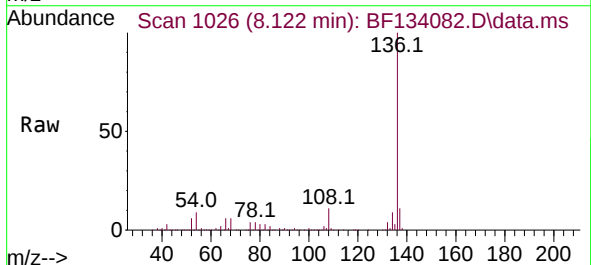
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-008

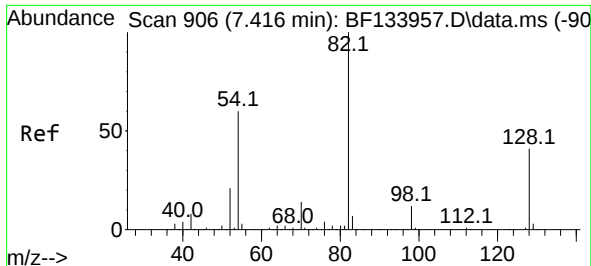
Tgt Ion: 99 Resp: 686858
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 40.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion: 136 Resp: 566322
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.2 6.5 9.7
68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 48.598 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

Instrument :

BNA_F

ClientSampleId :

CMC-EME-TOPSOIL-008

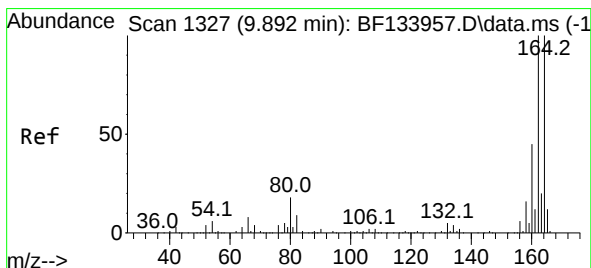
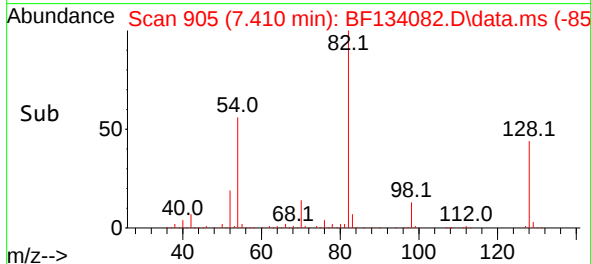
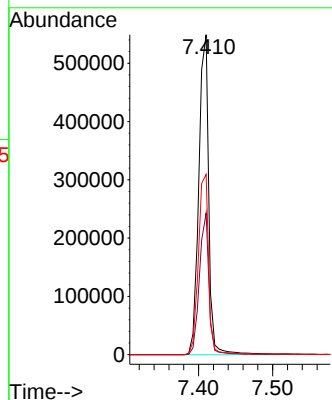
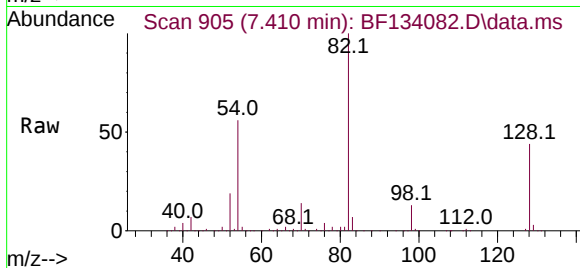
Tgt Ion: 82 Resp: 510565

Ion Ratio Lower Upper

82 100

128 44.2 32.5 48.7

54 56.3 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

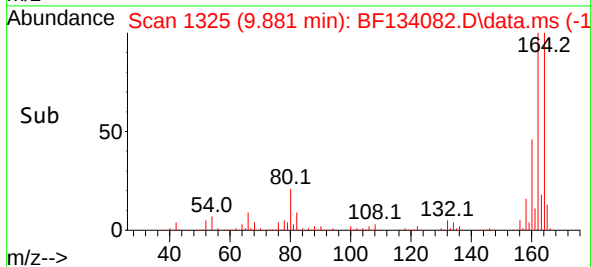
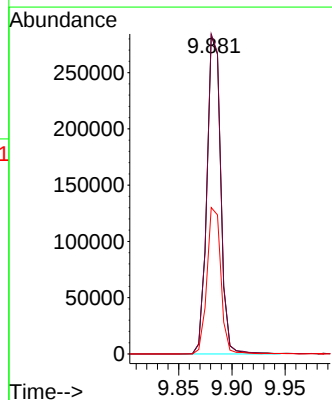
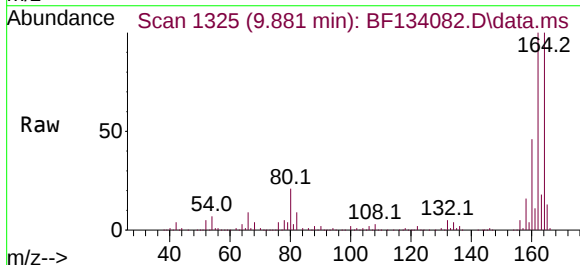
Tgt Ion:164 Resp: 255916

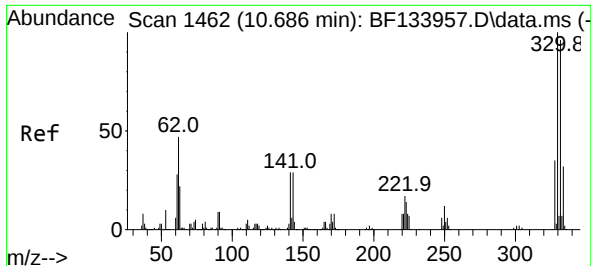
Ion Ratio Lower Upper

164 100

162 100.5 80.0 120.0

160 46.0 35.9 53.9

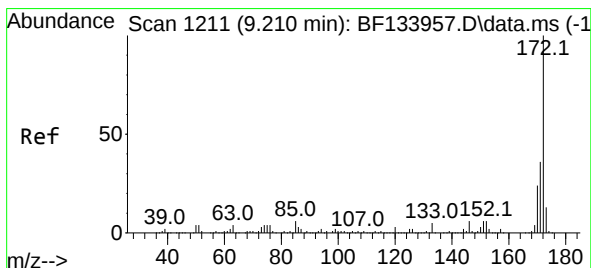
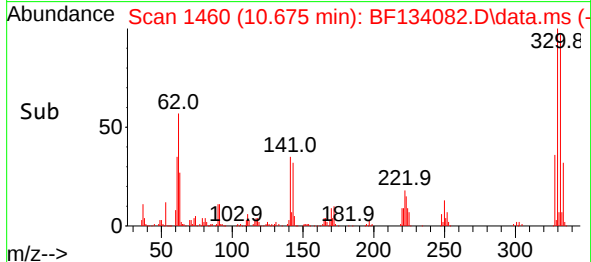
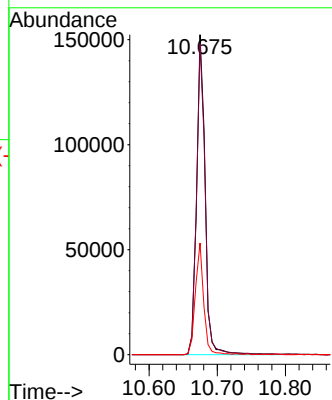
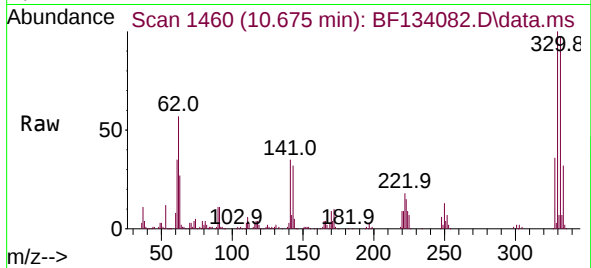




#42
2,4,6-Tribromophenol
Concen: 41.163 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

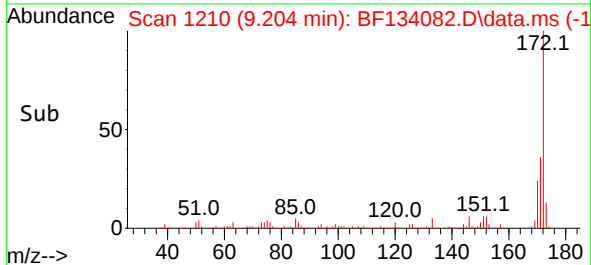
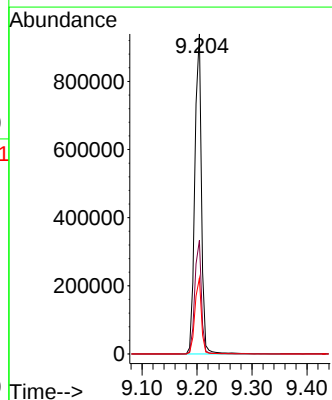
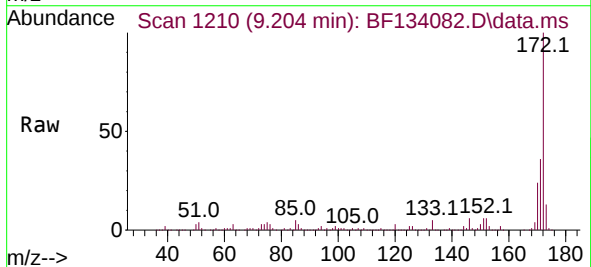
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-008

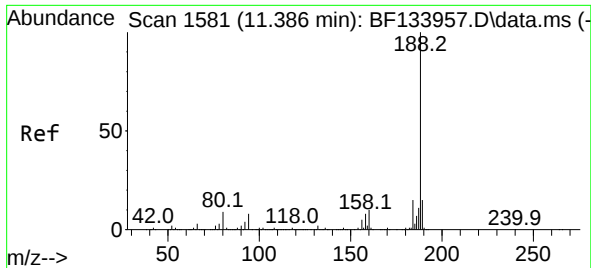
Tgt Ion: 330 Resp: 132080
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 34.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 44.508 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion: 172 Resp: 783442
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.4 29.0

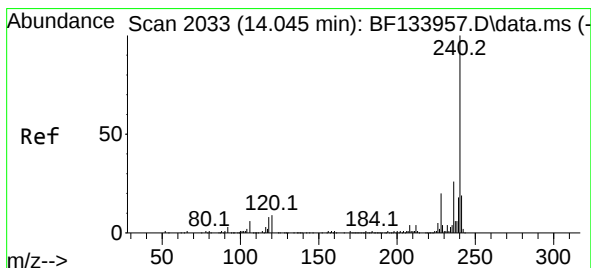
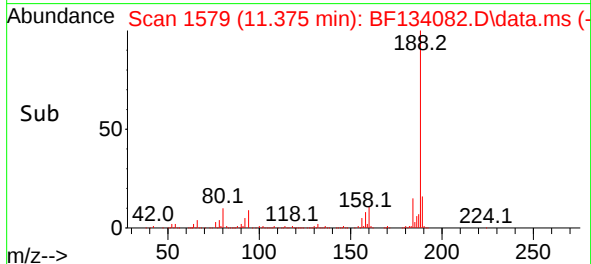
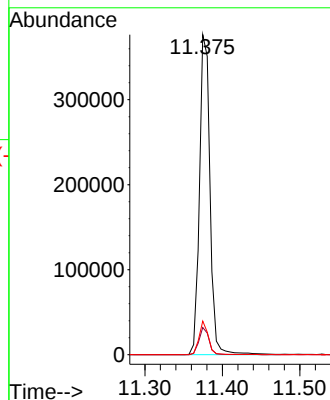
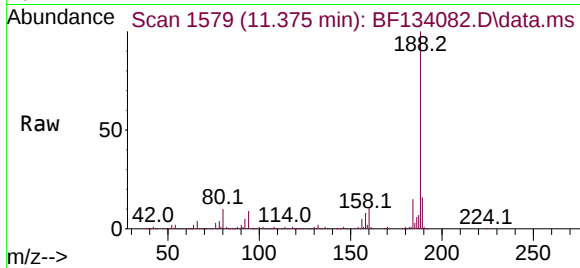




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

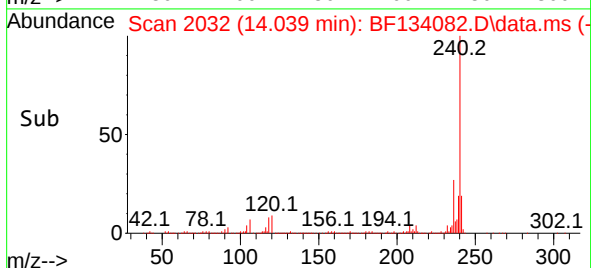
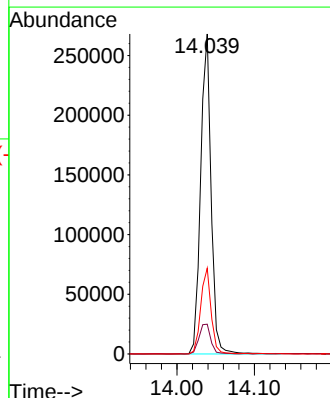
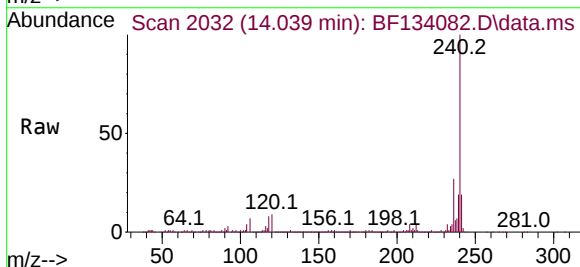
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-008

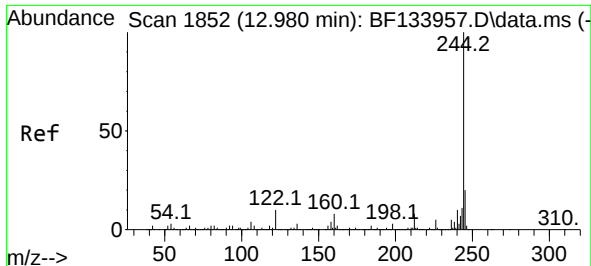
Tgt Ion:188 Resp: 354525
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 10.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion:240 Resp: 250546
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.8 21.0 31.6

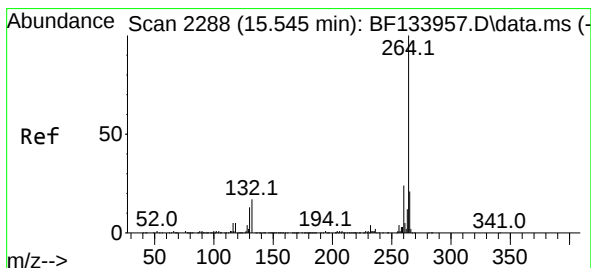
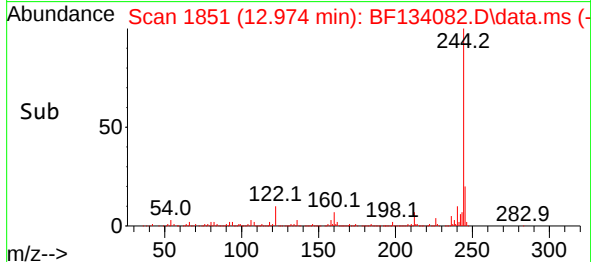
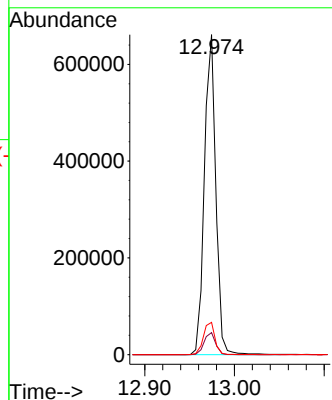
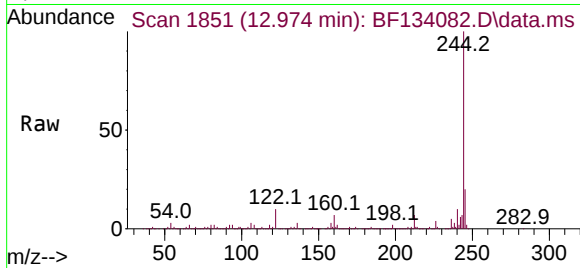




#79
 Terphenyl-d14
 Concen: 37.524 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134082.D
 Acq: 05 Jul 2023 23:56

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-008

Tgt Ion:244 Resp: 584148
 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: BF134082.D
 Acq: 05 Jul 2023 23:56

Tgt Ion:264 Resp: 211005
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.1 16.6 25.0

