

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131687.D
 Acq On : 19 Dec 2022 14:13
 Operator : CG\JU
 Sample : N6067-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214

Quant Time: Dec 20 01:02:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81008	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	297176	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	173616	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	326227	20.000	ng	0.00
76) Chrysene-d12	14.068	240	164480	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	164484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	671411	138.271	ng	0.02
7) Phenol-d6	6.510	99	804693	126.462	ng	0.00
23) Nitrobenzene-d5	7.445	82	660555	84.036	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	284230	147.351	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1152406	83.693	ng	0.00
79) Terphenyl-d14	13.016	244	1265346	105.502	ng	0.00

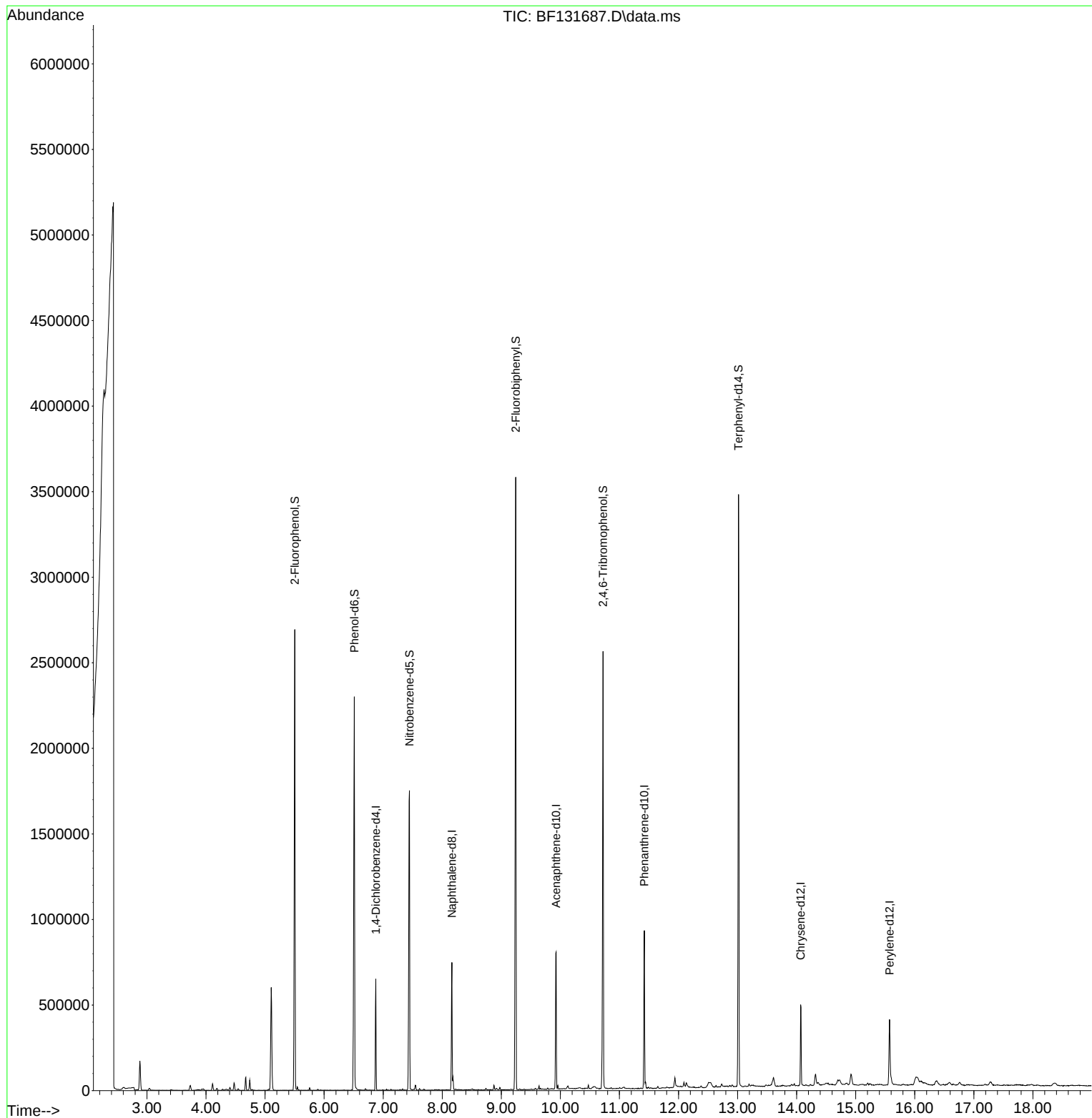
Target Compounds Qvalue

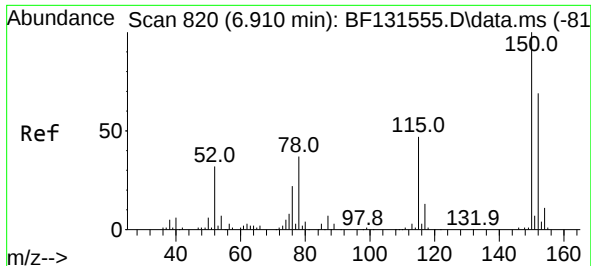
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131687.D
Acq On : 19 Dec 2022 14:13
Operator : CG\JU
Sample : N6067-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214

Quant Time: Dec 20 01:02:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

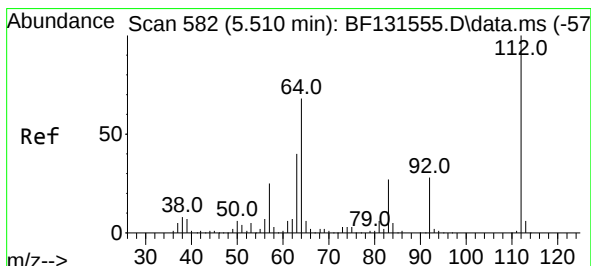
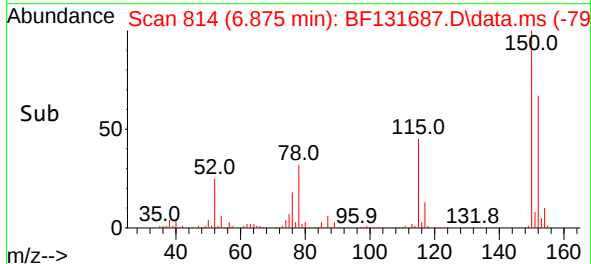
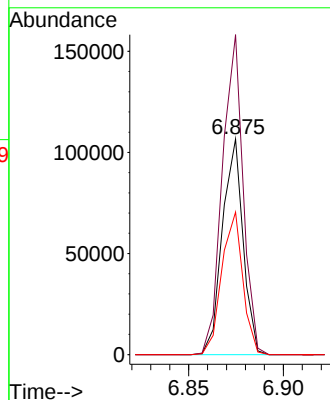
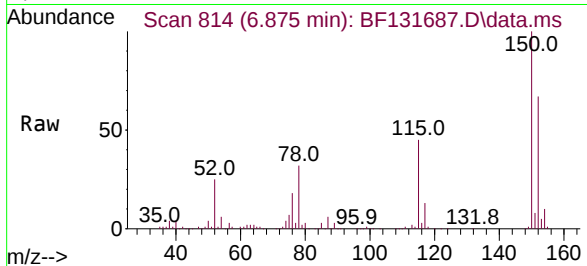




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

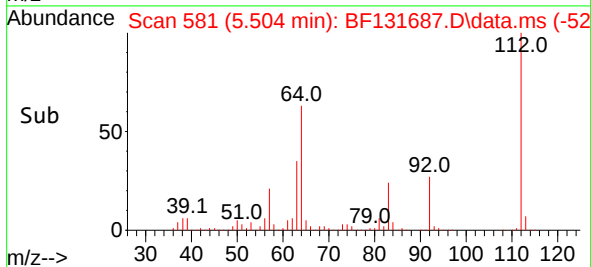
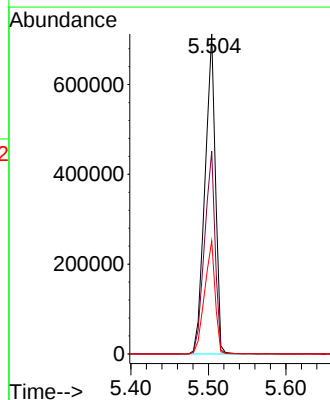
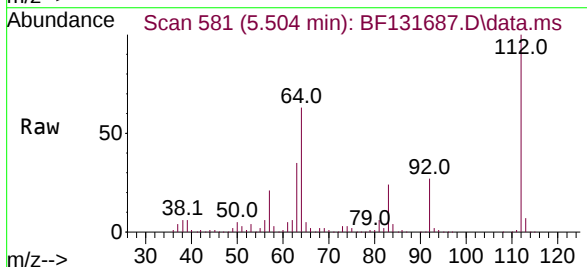
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214

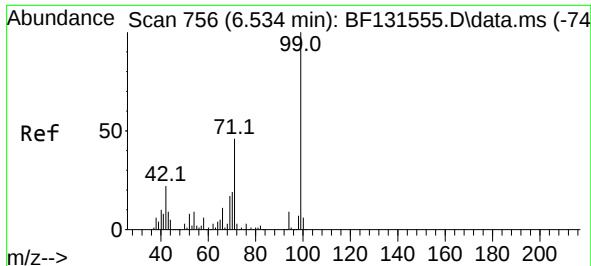
Tgt Ion:152 Resp: 81008
Ion Ratio Lower Upper
152 100
150 148.4 116.7 175.1
115 66.1 54.6 82.0



#5
2-Fluorophenol
Concen: 138.271 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

Tgt Ion:112 Resp: 671411
Ion Ratio Lower Upper
112 100
64 63.3 54.5 81.7
63 35.3 31.9 47.9

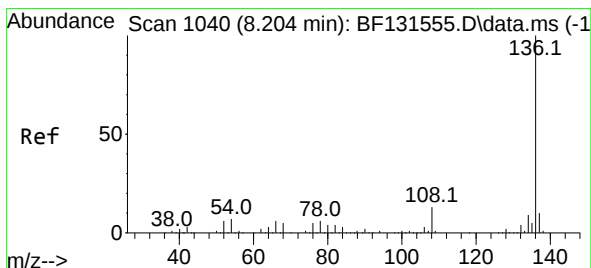
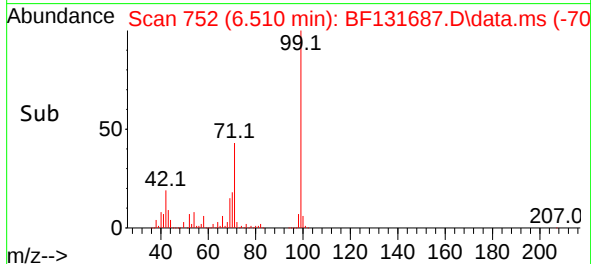
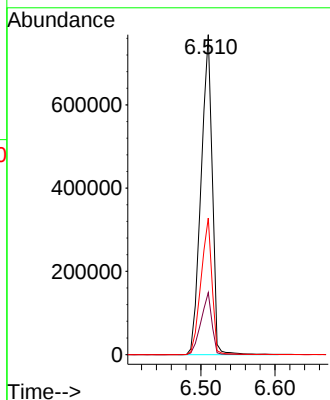
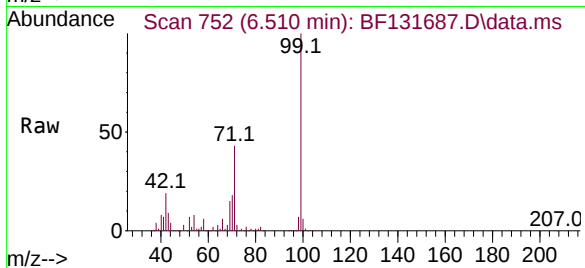




#7
Phenol-d6
Concen: 126.462 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

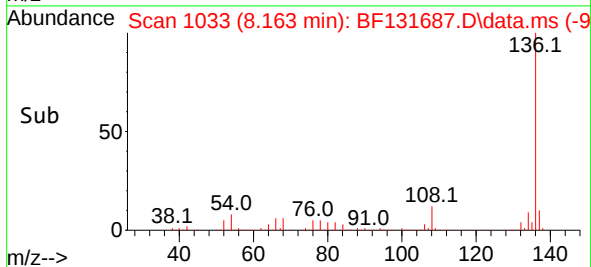
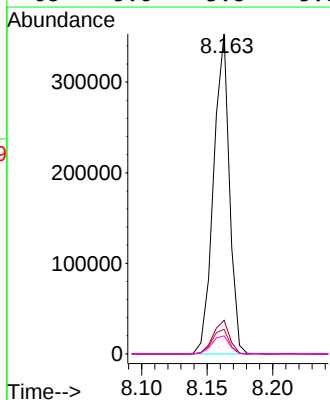
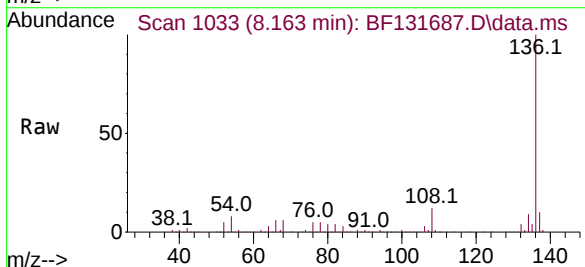
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214

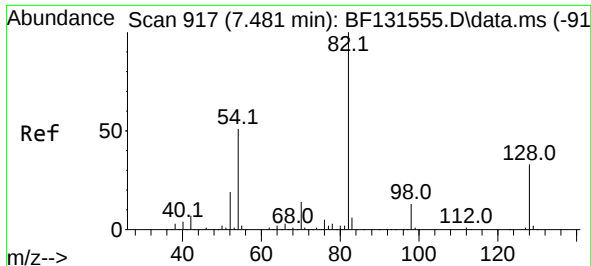
Tgt Ion: 99 Resp: 804693
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 42.7 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

Tgt Ion:136 Resp: 297176
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 7.7 6.0 9.0
68 5.6 3.8 5.8

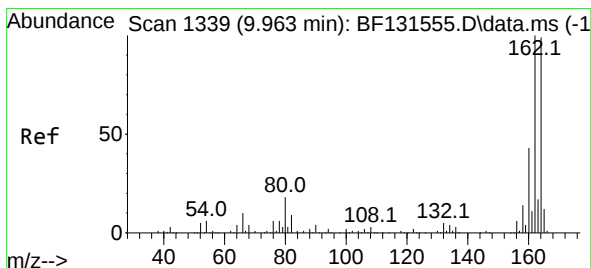
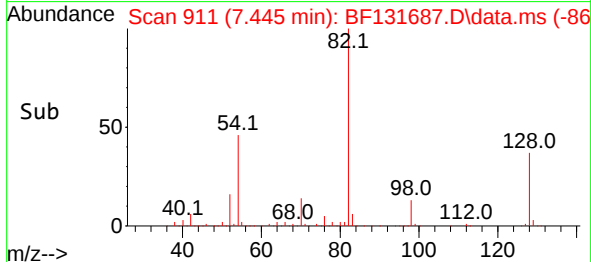
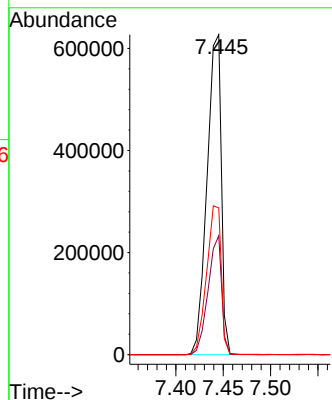
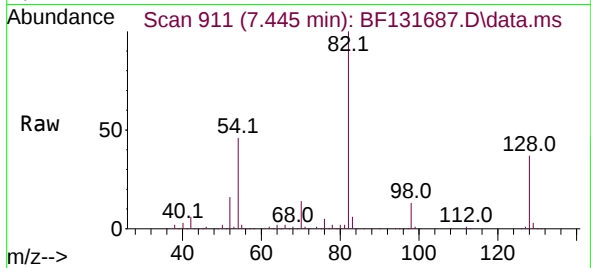




#23
Nitrobenzene-d5
Concen: 84.036 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

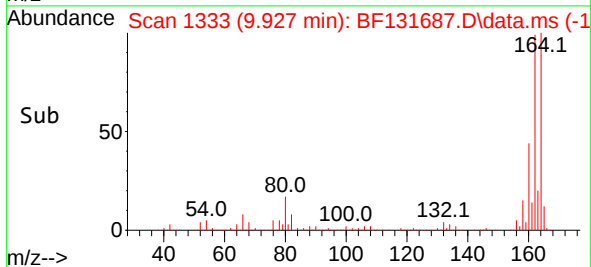
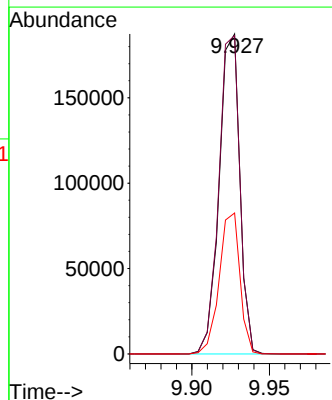
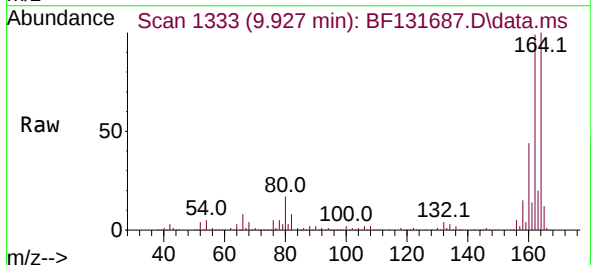
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214

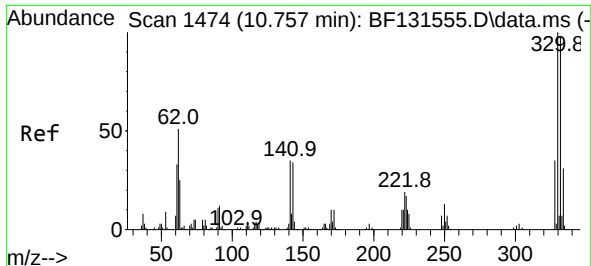
Tgt Ion: 82 Resp: 660555
Ion Ratio Lower Upper
82 100
128 37.1 26.1 39.1
54 45.9 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

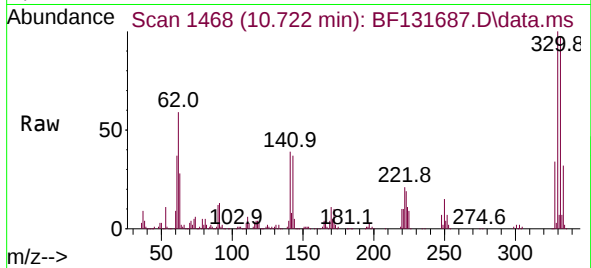
Tgt Ion:164 Resp: 173616
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 44.0 35.0 52.6



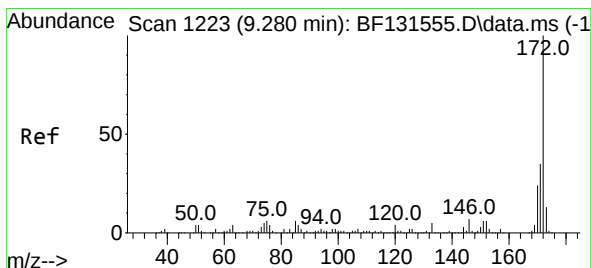
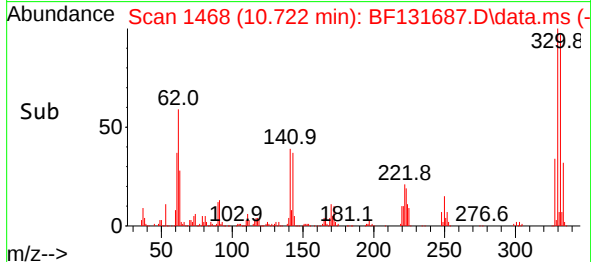
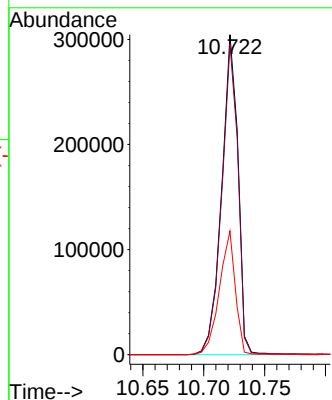


#42
2,4,6-Tribromophenol
Concen: 147.351 ng
RT: 10.722 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214

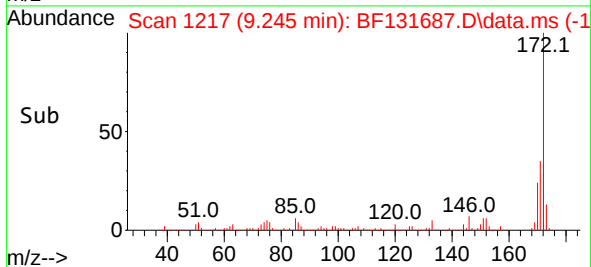
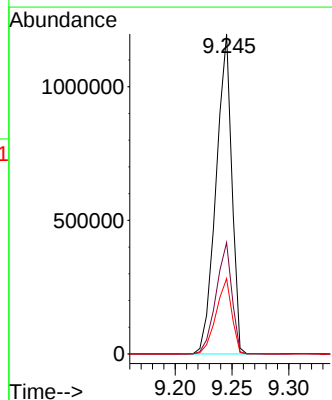
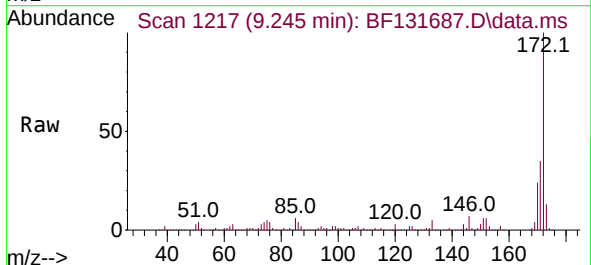


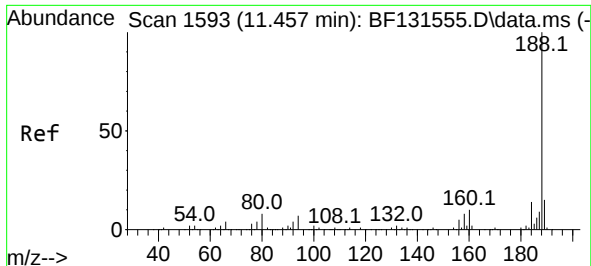
Tgt Ion:330 Resp: 284230
Ion Ratio Lower Upper
330 100
332 96.5 78.3 117.5
141 37.8 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 83.693 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

Tgt Ion:172 Resp: 1152406
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.5 19.3 28.9

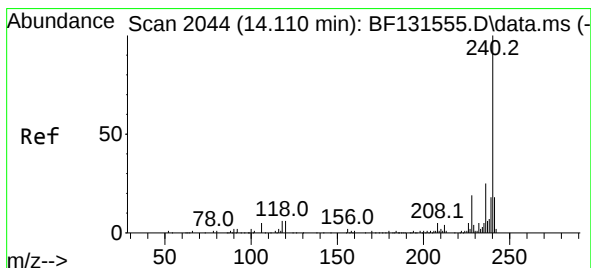
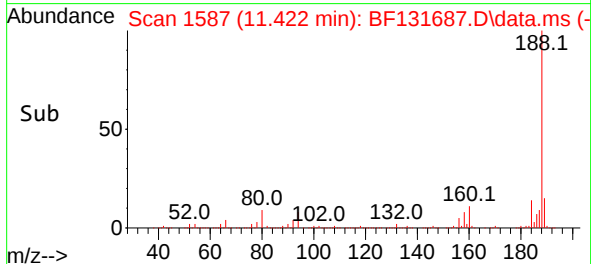
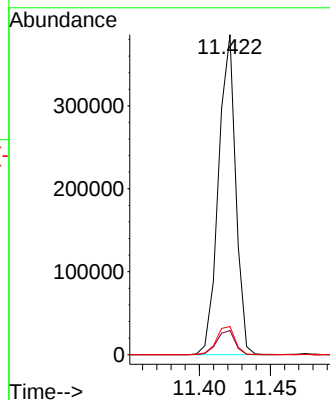
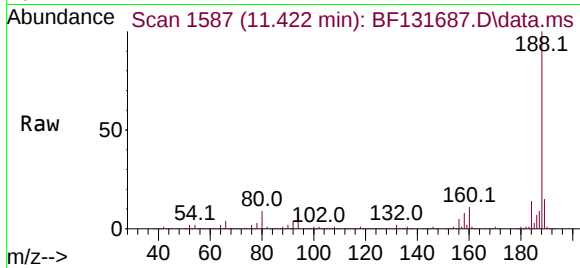




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

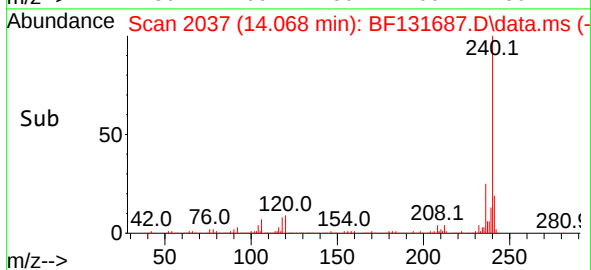
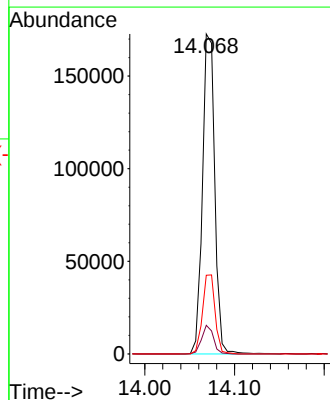
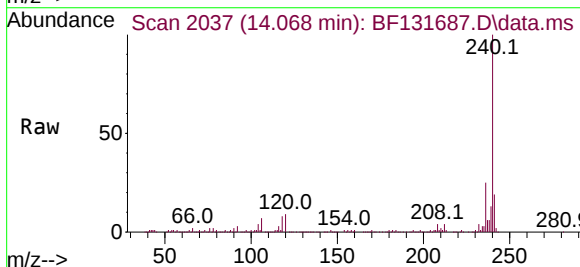
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214

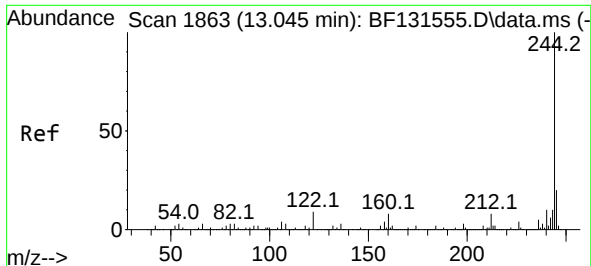
Tgt Ion:188 Resp: 326227
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 8.8 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131687.D
Acq: 19 Dec 2022 14:13

Tgt Ion:240 Resp: 164480
Ion Ratio Lower Upper
240 100
120 8.9 4.6 7.0#
236 24.6 20.2 30.2

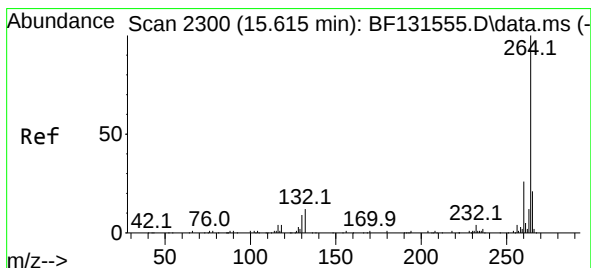
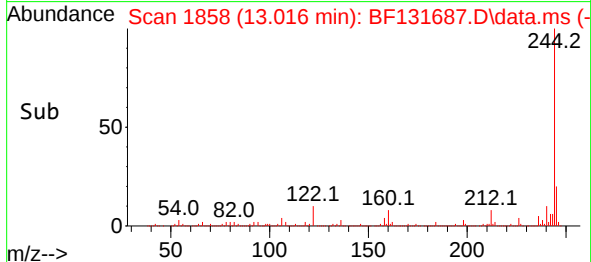
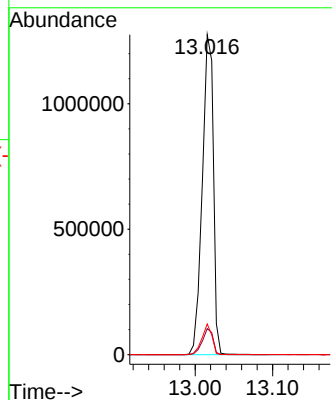
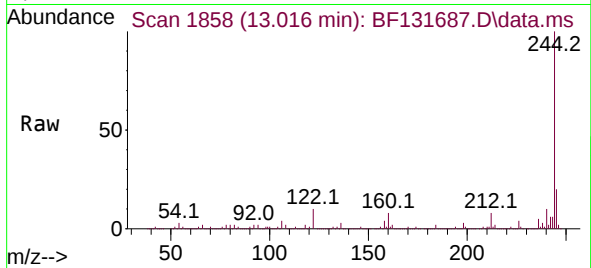




#79
 Terphenyl-d14
 Concen: 105.502 ng
 RT: 13.016 min Scan# 1863
 Delta R.T. 0.006 min
 Lab File: BF131687.D
 Acq: 19 Dec 2022 14:13

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214

Tgt Ion:244 Resp: 1265346
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF131687.D
 Acq: 19 Dec 2022 14:13

Tgt Ion:264 Resp: 164484
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 21.3 16.8 25.2

