

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121963.D
 Acq On : 14 Oct 2020 18:03
 Operator : JU/CG
 Sample : L4383-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-SOIL

Quant Time: Oct 14 18:55:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

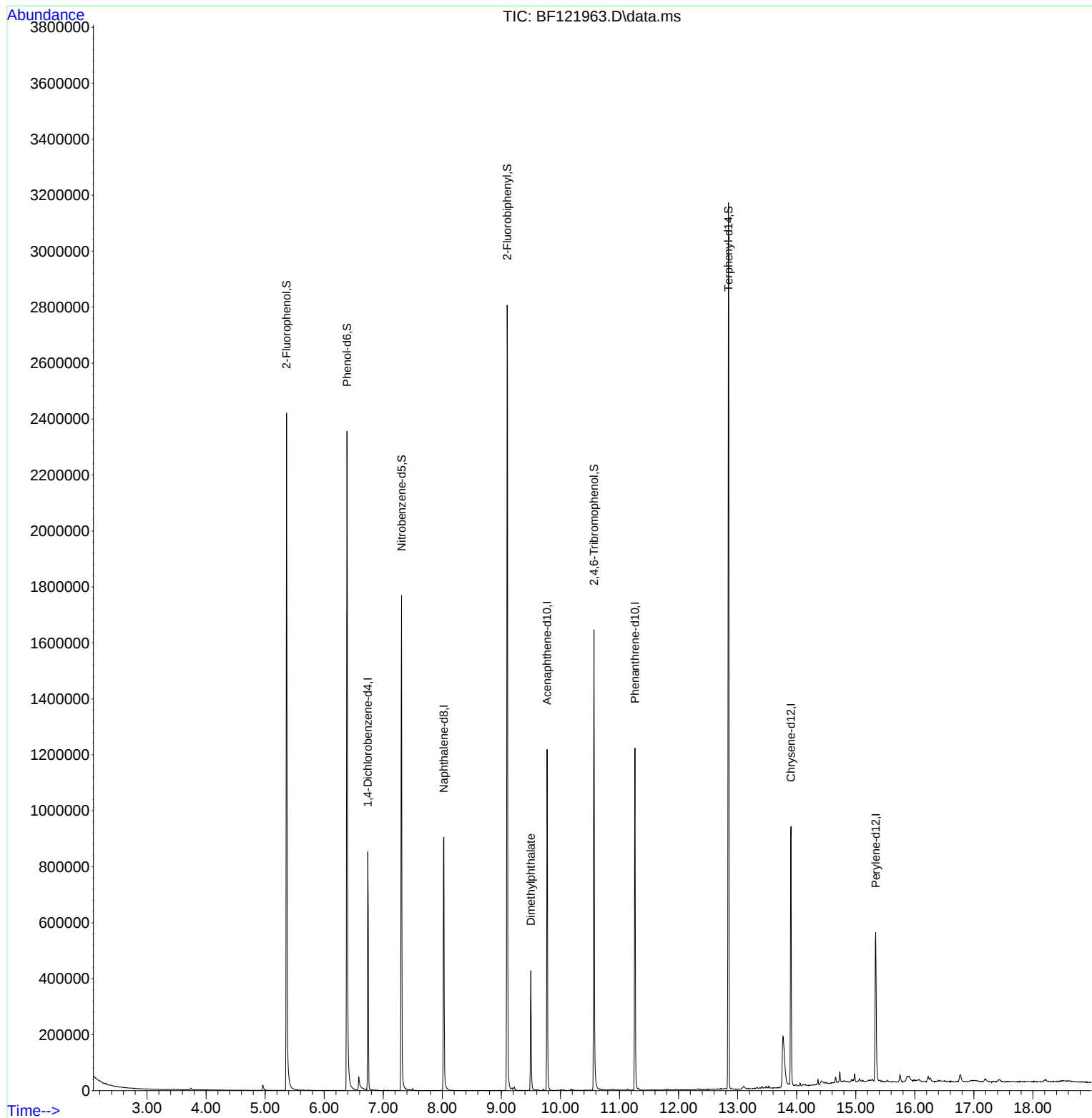
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	117676	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	468366	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	242217	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	461137	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	349404	20.00	ng	-0.01
86) Perylene-d12	15.339	264	251100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	661580	82.98	ng	0.00
7) Phenol-d6	6.386	99	863297	84.11	ng	-0.01
23) Nitrobenzene-d5	7.310	82	586507	64.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	213897	71.39	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	976605	59.32	ng	-0.01
79) Terphenyl-d14	12.845	244	1055396	57.56	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.498	163	191614	10.82	ng	Qvalue 100

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

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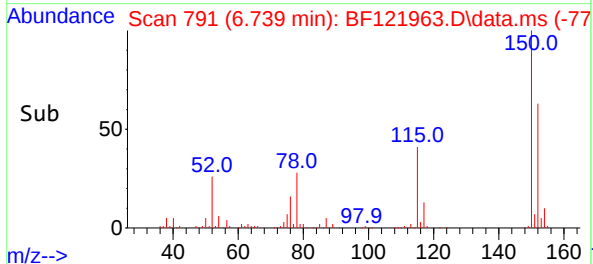
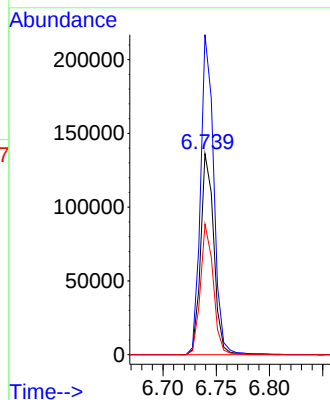
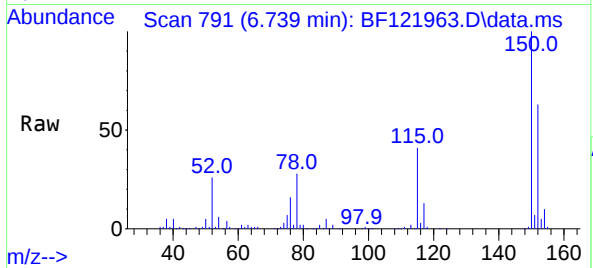




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

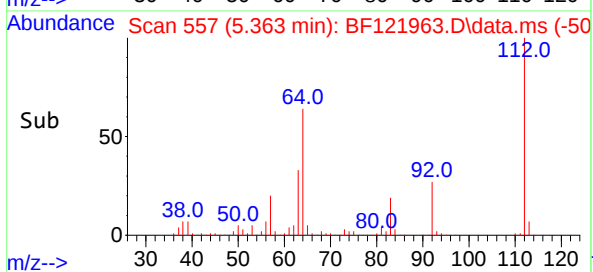
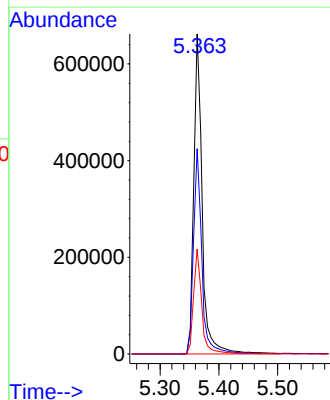
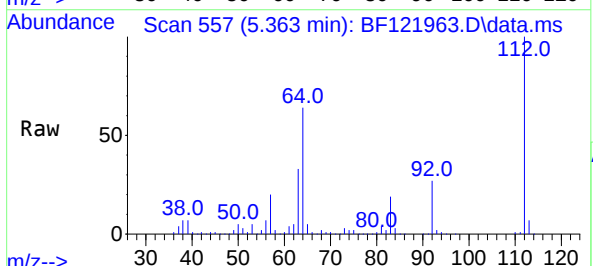
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

Tgt Ion:152 Resp: 117676
Ion Ratio Lower Upper
152 100
150 159.3 125.3 187.9
115 65.0 51.9 77.9



#5
2-Fluorophenol
Concen: 82.98 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion:112 Resp: 661580
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 32.8 25.8 38.6

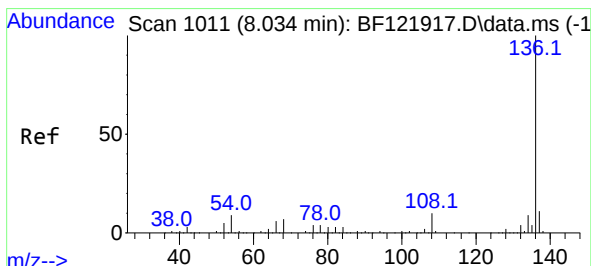
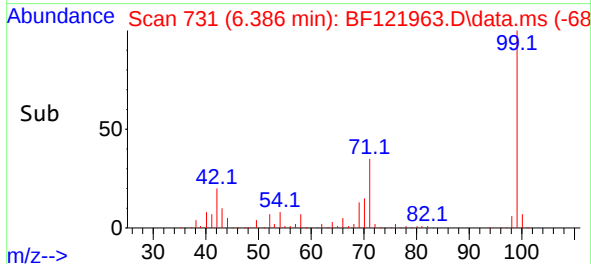
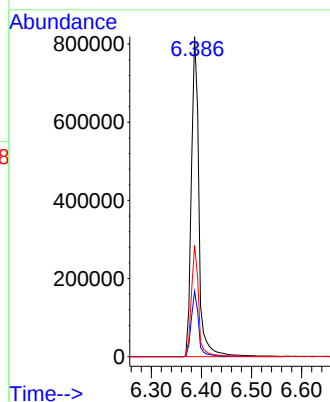
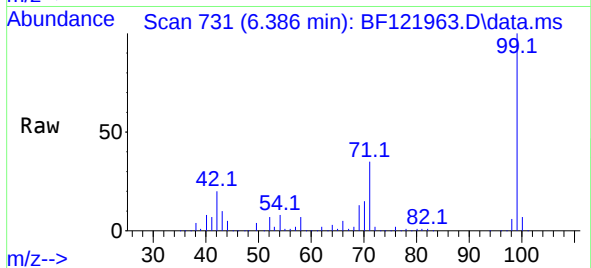




#7
Phenol-d6
Concen: 84.11 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

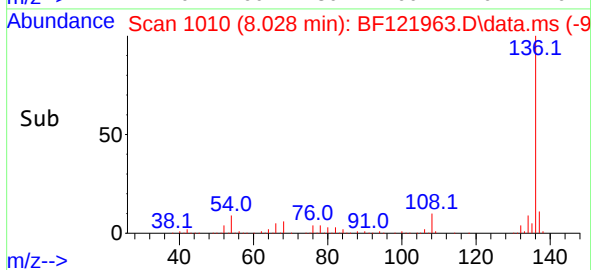
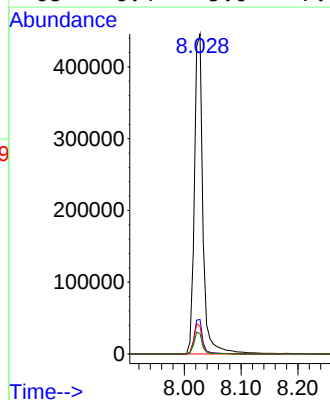
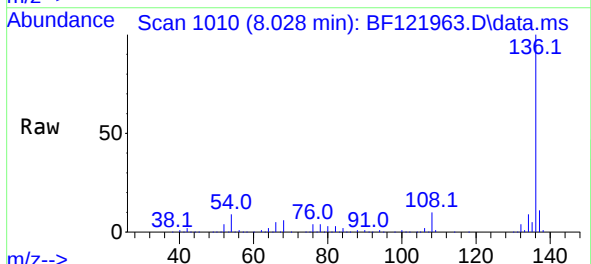
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

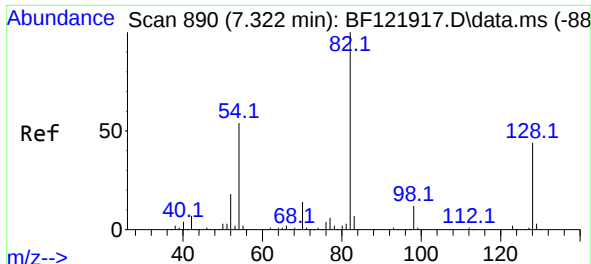
Tgt Ion: 99 Resp: 863297
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion: 136 Resp: 468366
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.1 10.7
68 6.4 5.0 7.4

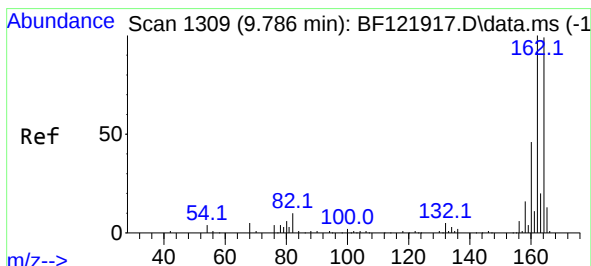
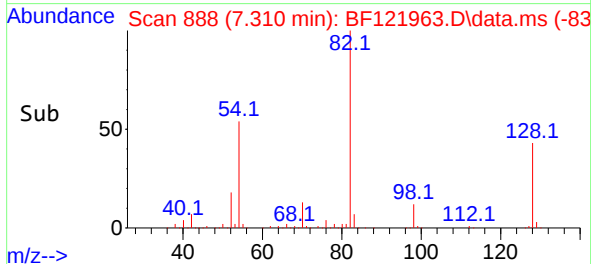
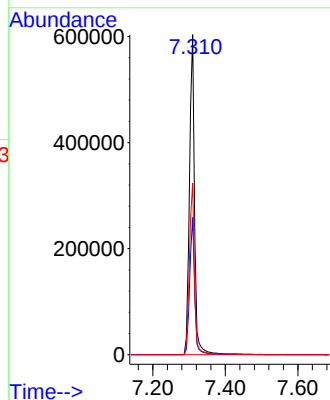
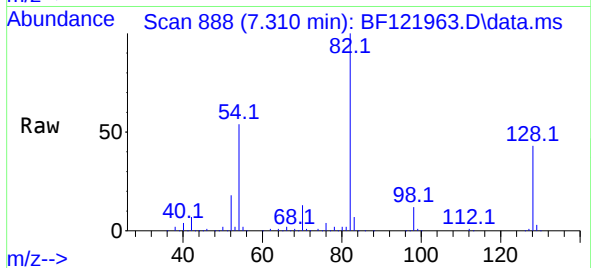




#23
Nitrobenzene-d5
Concen: 64.22 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

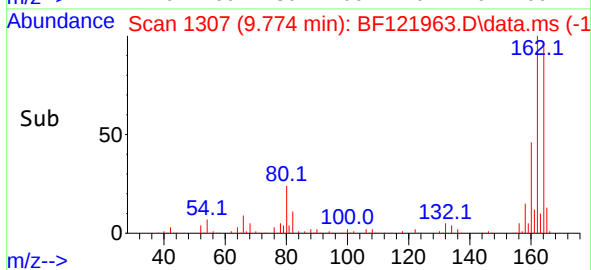
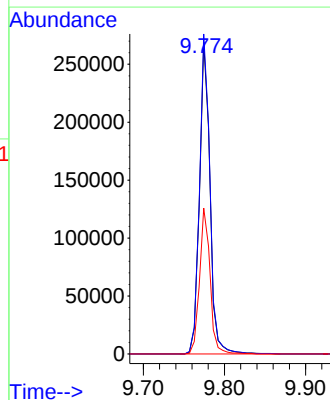
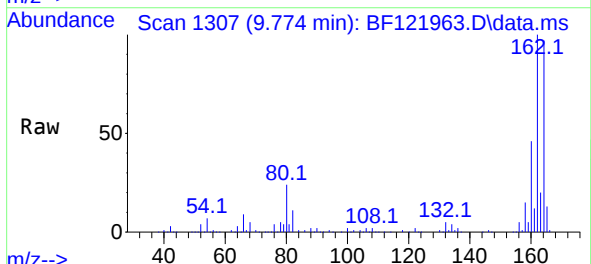
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

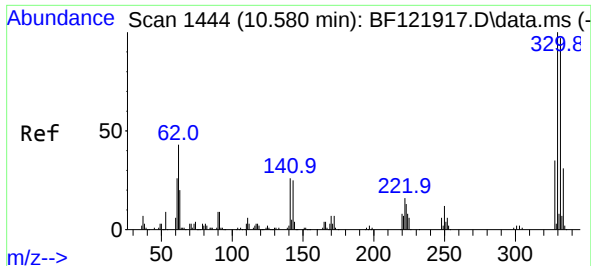
Tgt Ion: 82 Resp: 586507
Ion Ratio Lower Upper
82 100
128 42.8 35.0 52.4
54 53.5 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion: 164 Resp: 242217
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 46.8 37.5 56.3

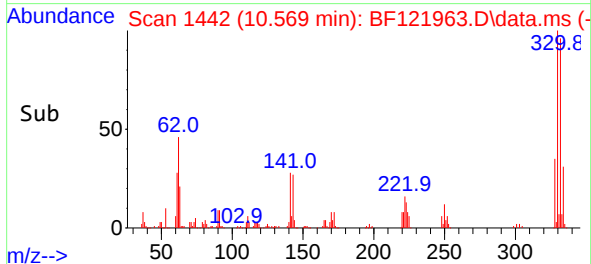
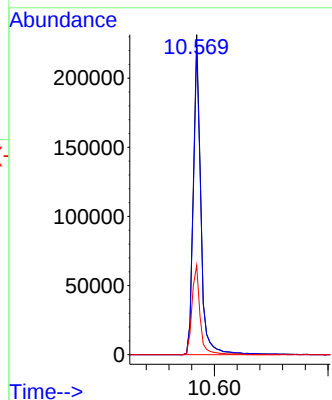
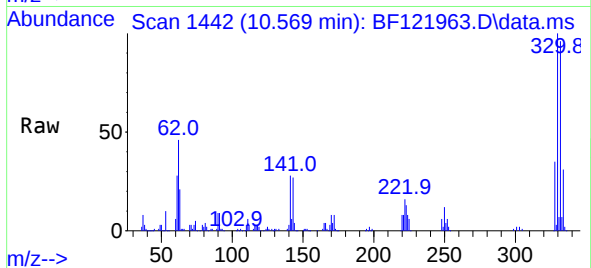




#42
2,4,6-Tribromophenol
Concen: 71.39 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

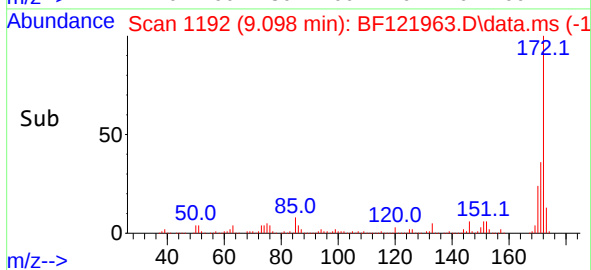
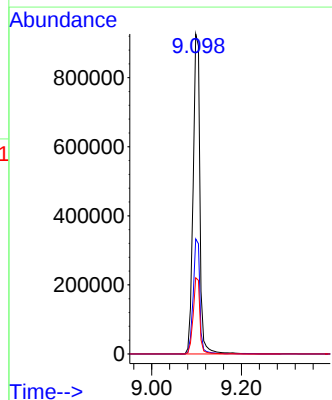
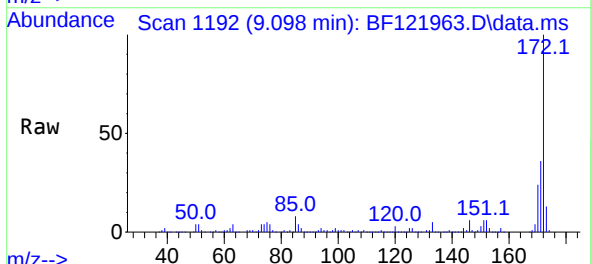
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

Tgt Ion:330 Resp: 213897
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.32 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion:172 Resp: 976605
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.8 19.8 29.6

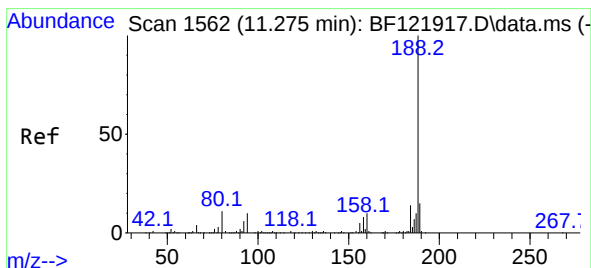
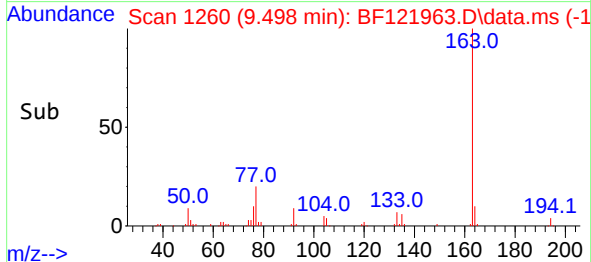
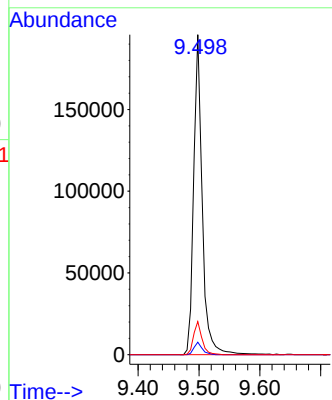
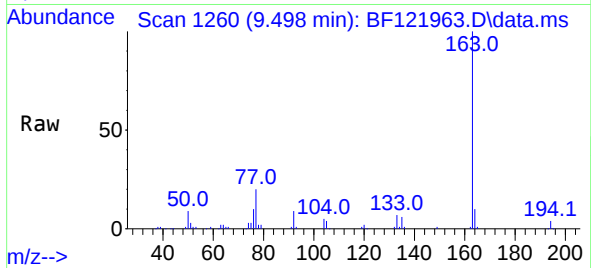




#50
Dimethylphthalate
Concen: 10.82 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

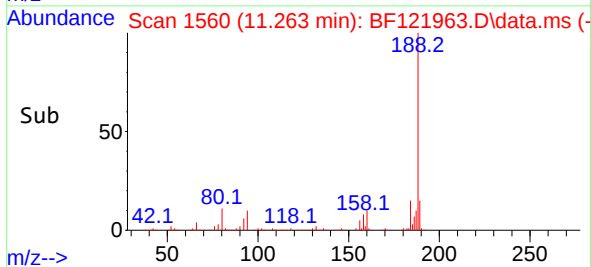
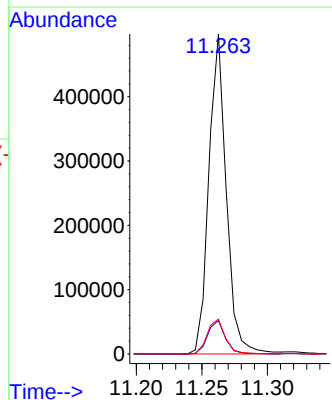
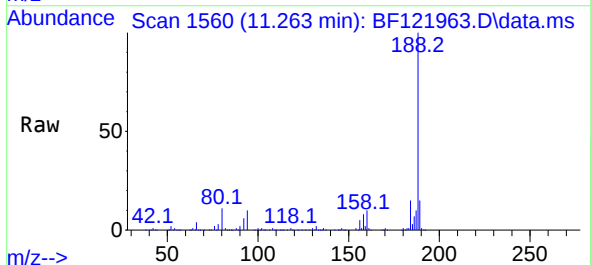
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

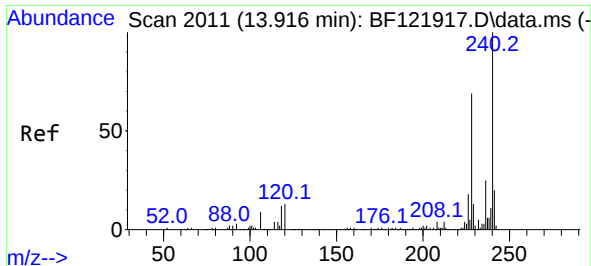
Tgt Ion:163 Resp: 191614
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion:188 Resp: 461137
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.9 9.1 13.7

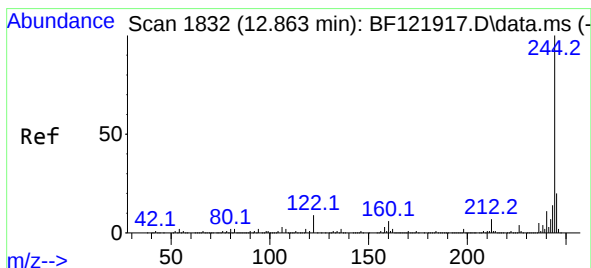
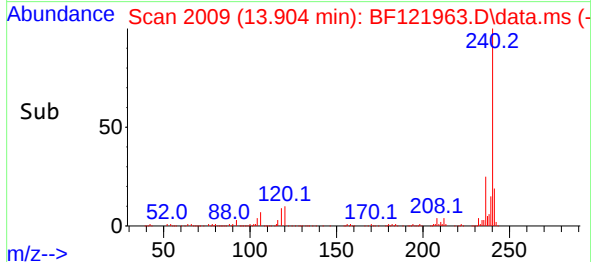
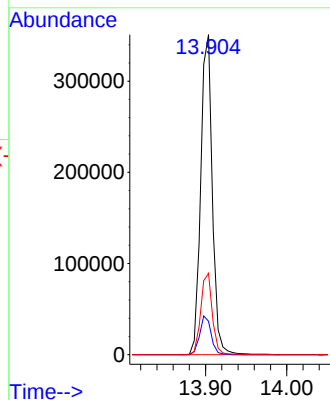
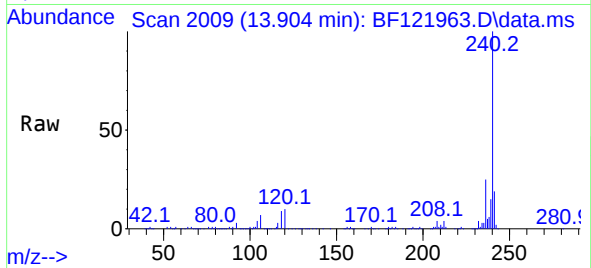




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

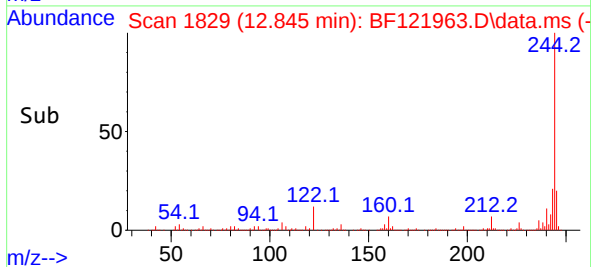
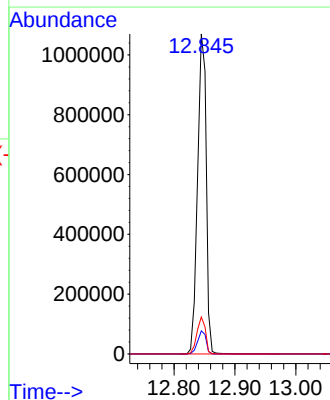
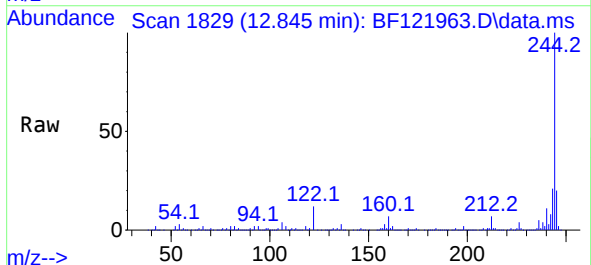
Instrument :
BNA_F
ClientSampled :
BB-SOIL

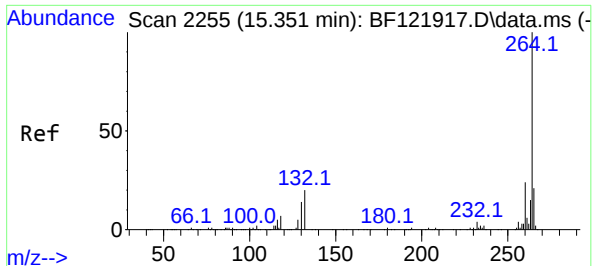
Tgt Ion:240 Resp: 349404
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 57.56 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion:244 Resp: 1055396
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.6 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Instrument :
BNA_F
ClientSampleId :
BB-SOIL

Tgt Ion:264 Resp: 251100
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 20.6 17.3 25.9

