

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)

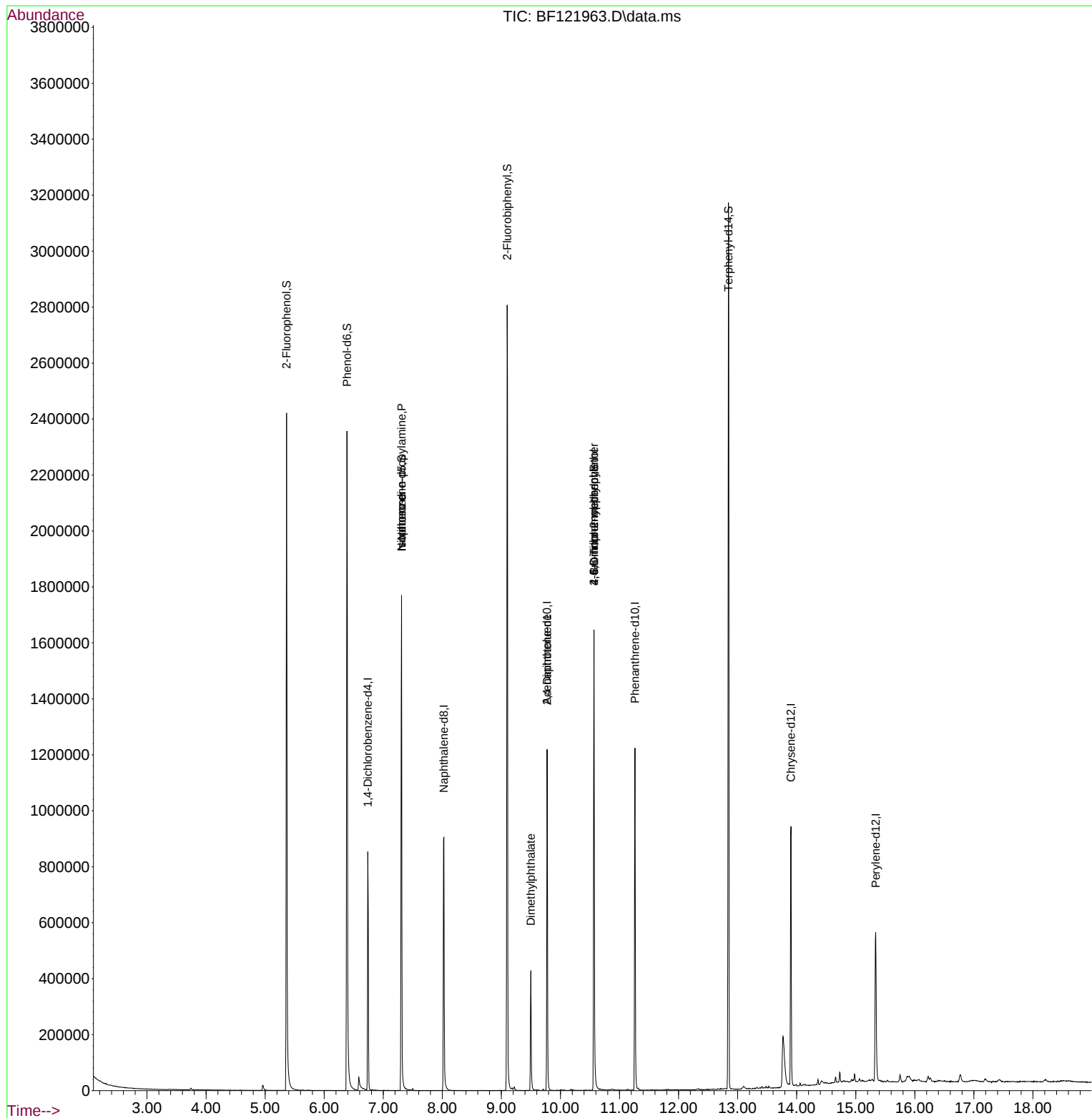
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	117676	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	468366	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	242217	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	461137	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	349404	20.00	ng	-0.01
86) Perylene-d12	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						Qvalue
9) Benzaldehyde	6.386	77	1306	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	76945	13.17	ng	# 78
25) Isophorone	7.310	82	586313	33.95	ng	# 67
50) Dimethylphthalate	9.498	163	191614	10.82	ng	100
57) 2,4-Dinitrotoluene	9.774	165	30841	6.45	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	334	4.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	12423	2.33	ng	# 1

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

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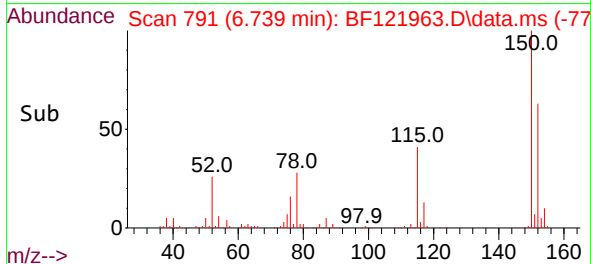
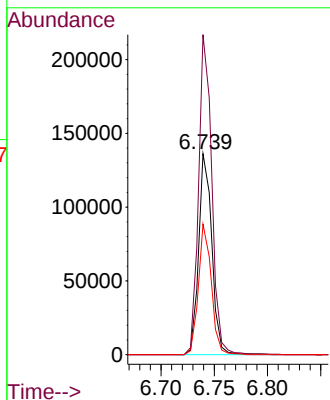
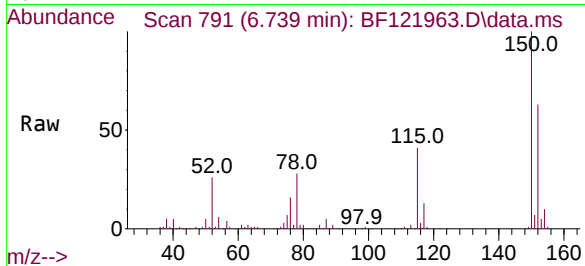




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

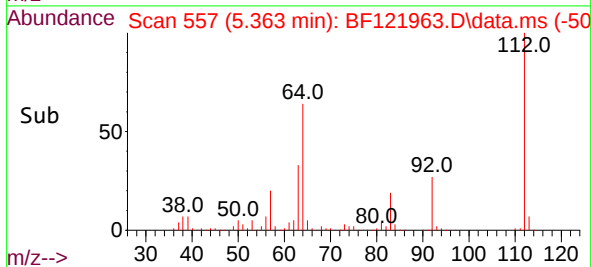
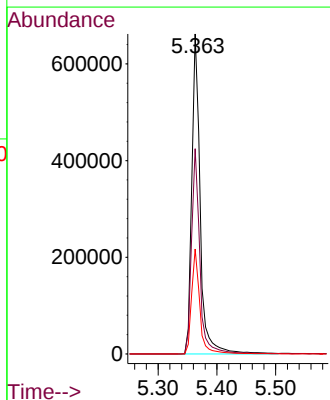
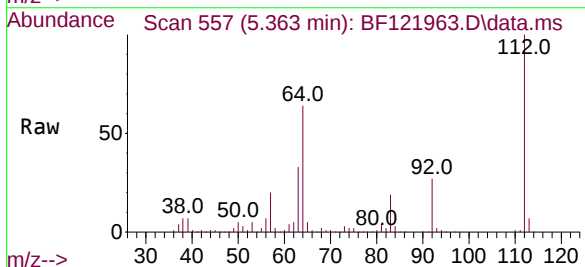
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

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

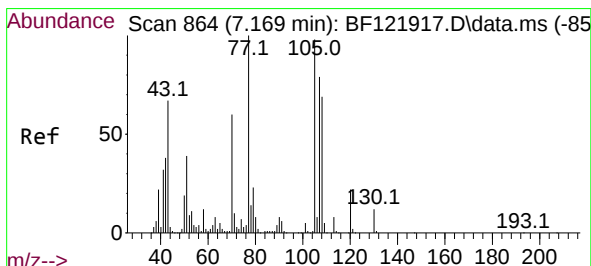
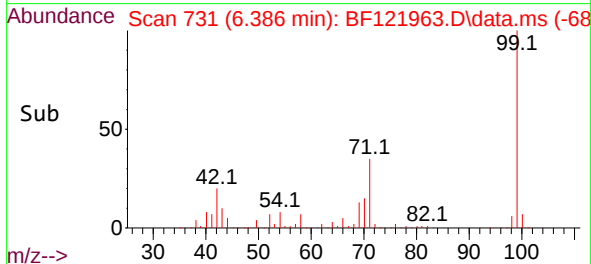
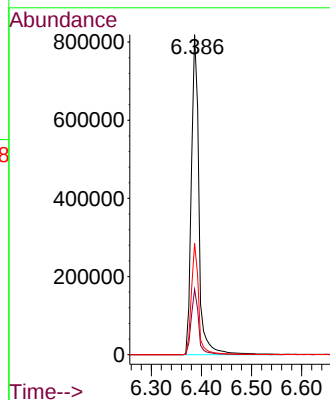
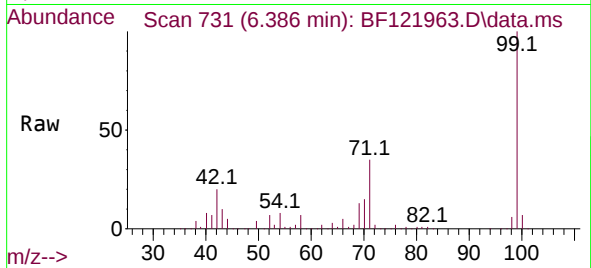




#7
Phenol-d6
Concen: 84.11 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

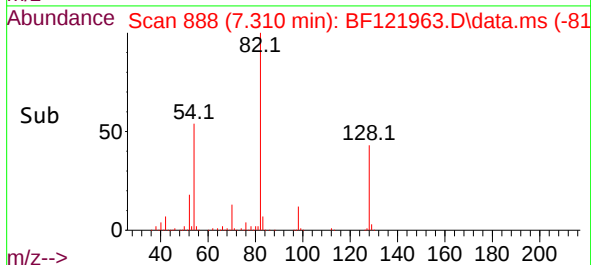
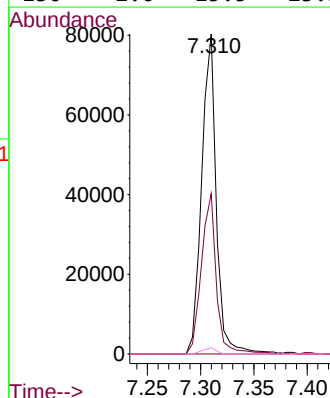
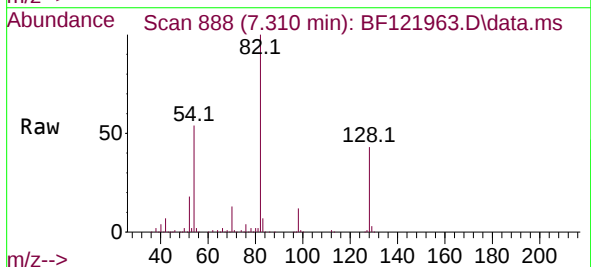
Instrument :
BNA_F
ClientSampleId :
BB-SOIL

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



#19
n-Nitroso-di-n-propylamine
Concen: 13.17 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

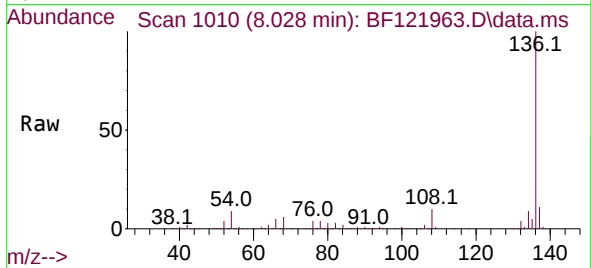
Tgt Ion: 70 Resp: 76945
Ion Ratio Lower Upper
70 100
42 50.1 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#





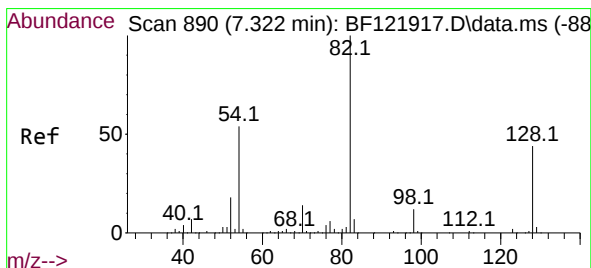
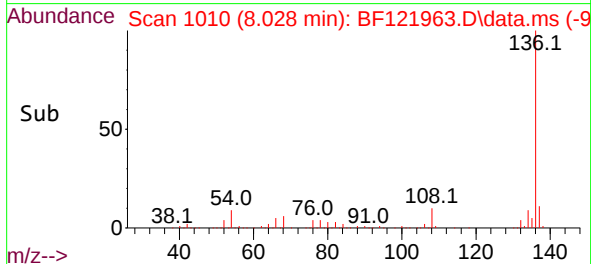
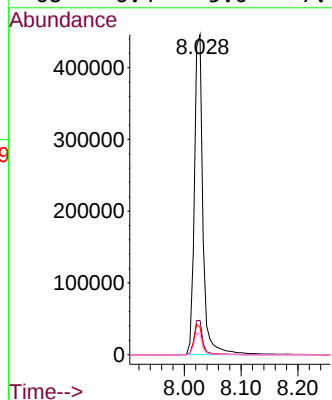
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Instrument :
BNA_F
ClientSampleId :
BB-SOIL



Tgt Ion:136 Resp: 468366

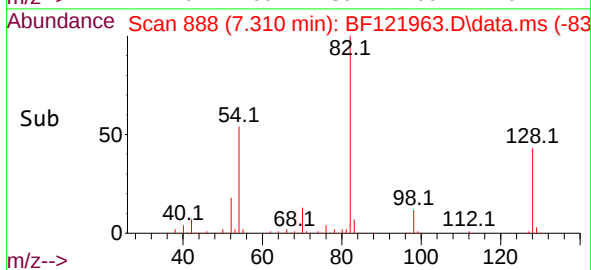
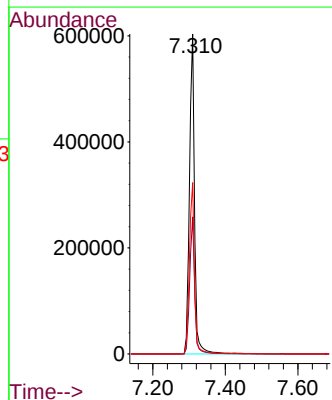
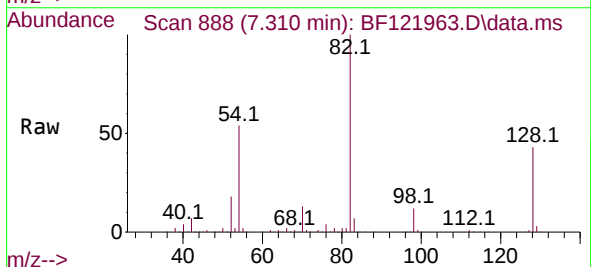
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.7	7.1	10.7
68	6.4	5.0	7.4



#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

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

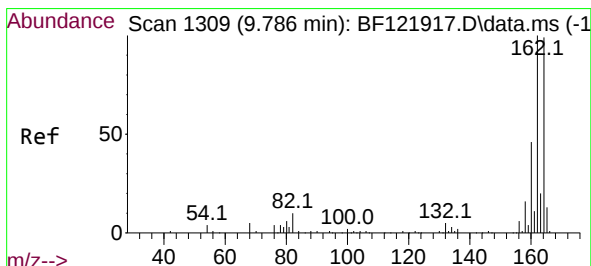
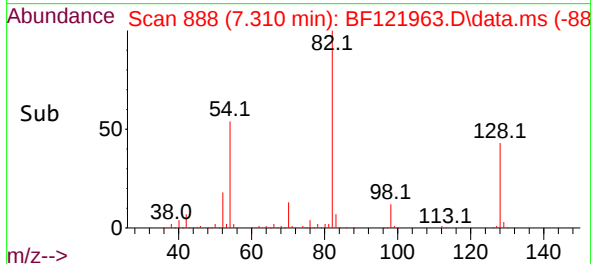
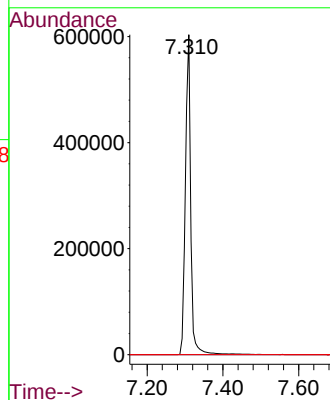
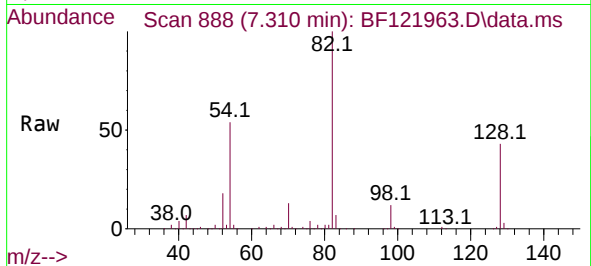




#25
Isophorone
Concen: 33.95 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

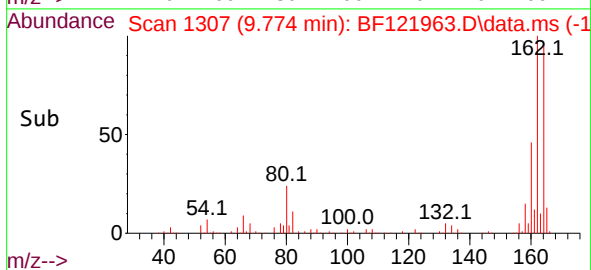
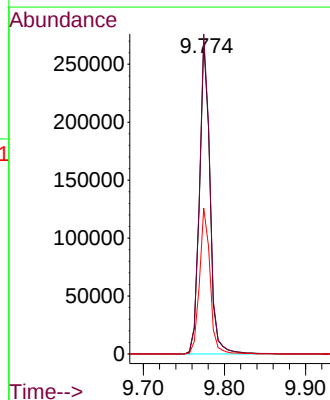
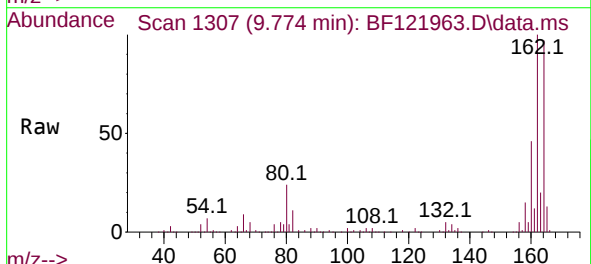
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ClientSampleId :
BB-SOIL

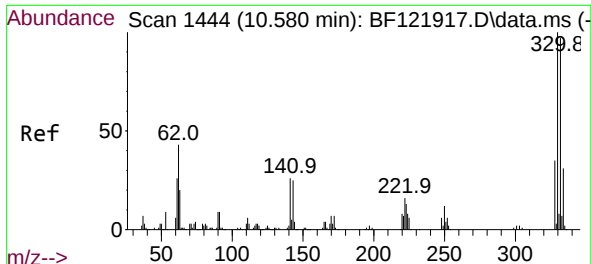
Tgt Ion: 82 Resp: 586313
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#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

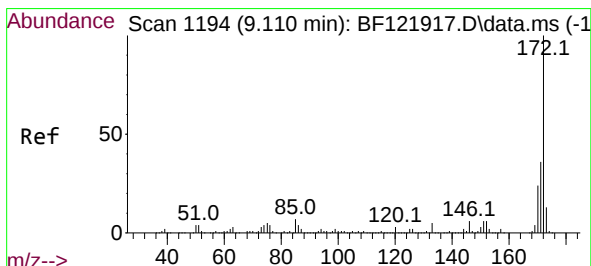
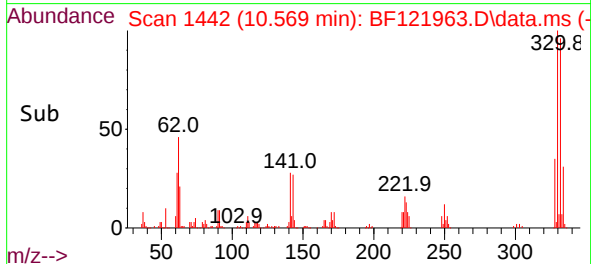
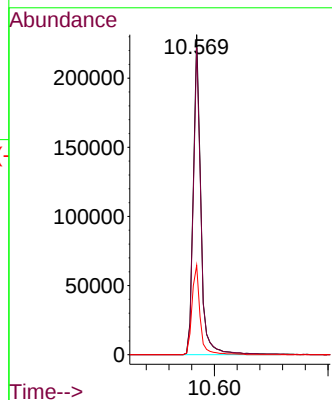
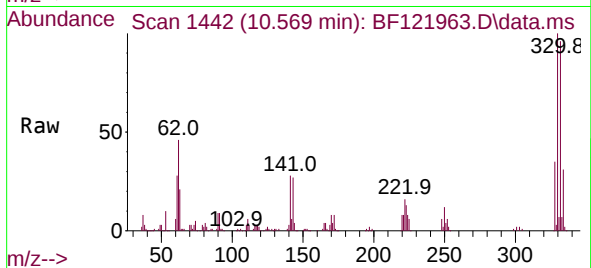




#42
2,4,6-Tribromophenol
Concen: 71.39 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

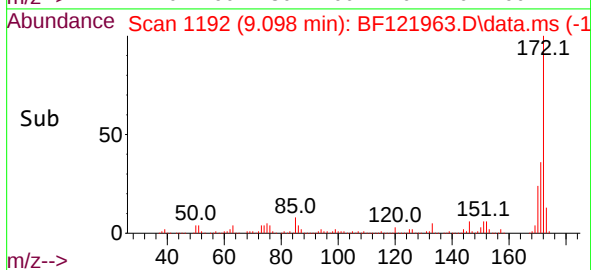
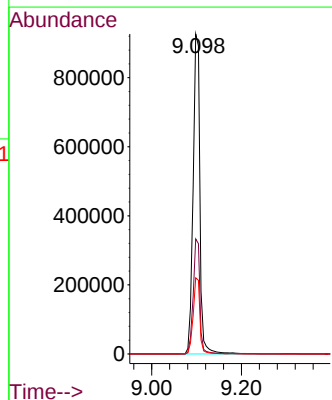
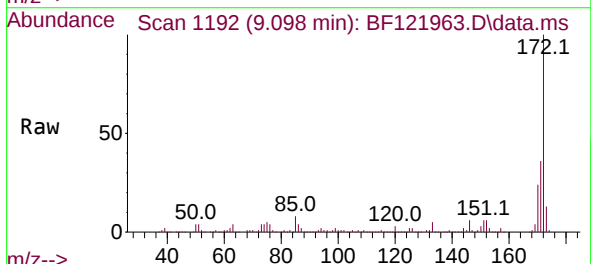
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ClientSampleId :
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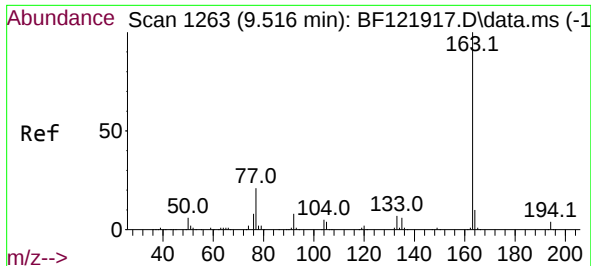
Tgt Ion:330 Resp: 213897
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.8 22.3 33.5



#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

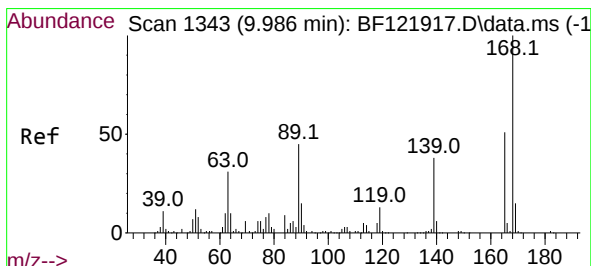
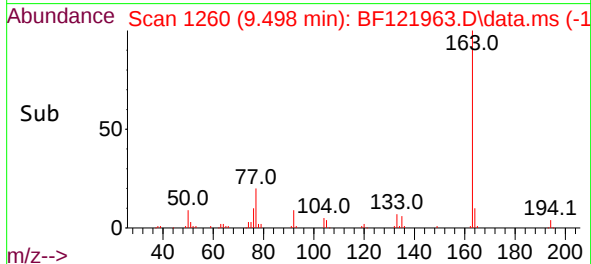
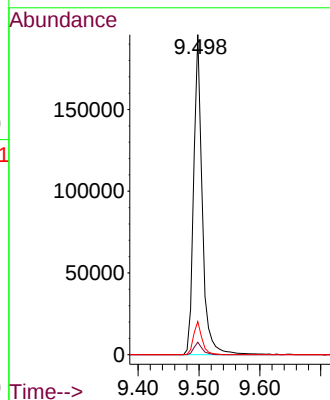
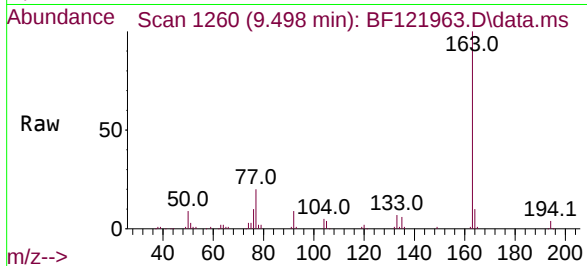




#50
Dimethylphthalate
Concen: 10.82 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

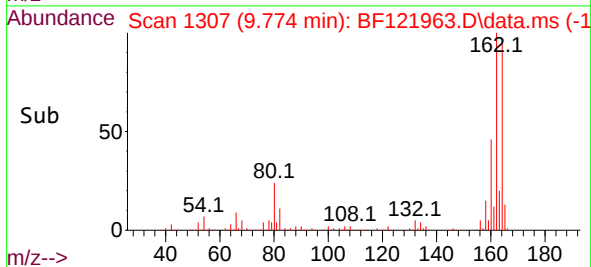
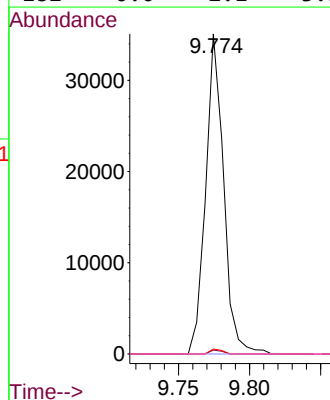
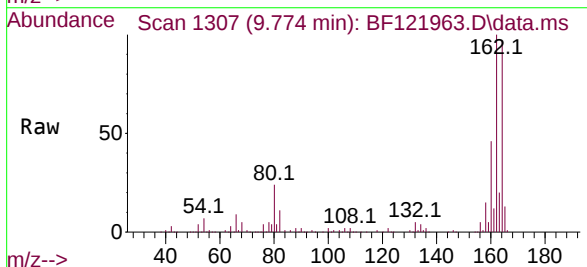
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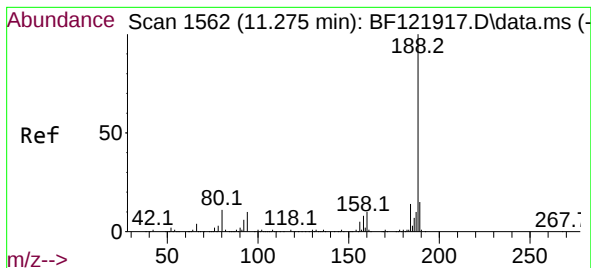
Tgt Ion:163 Resp: 191614
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion:165 Resp: 30841
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

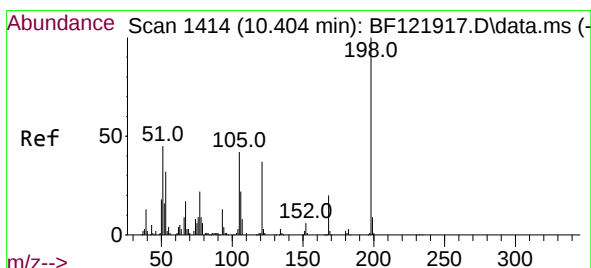
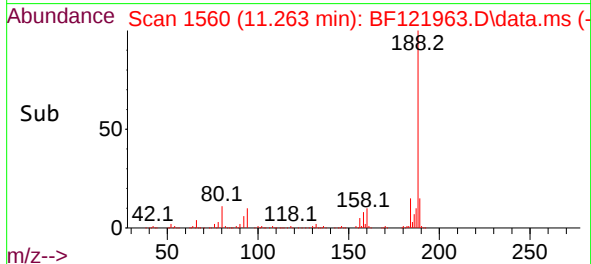
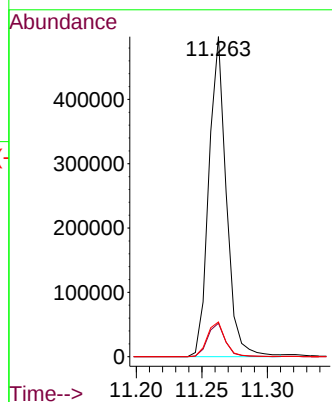
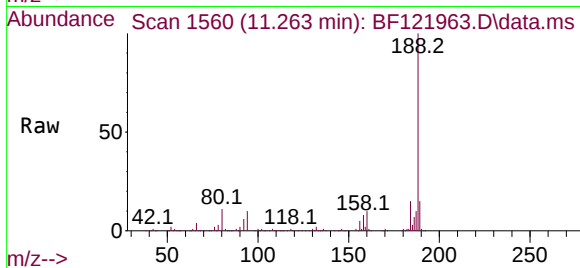




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

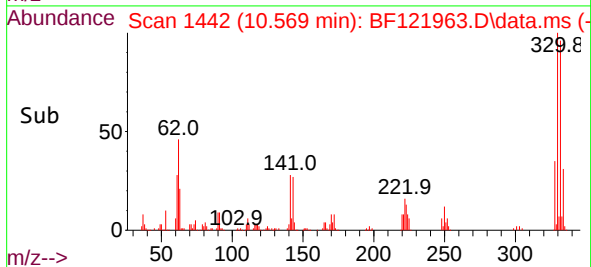
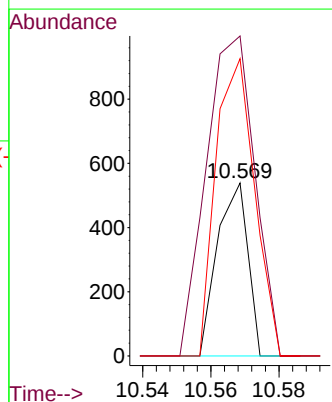
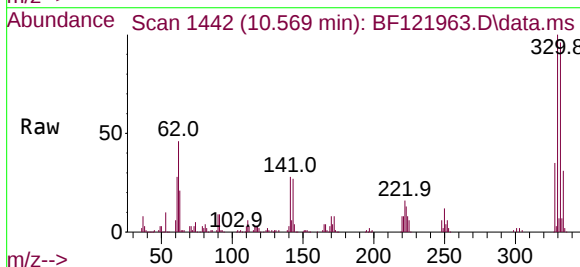
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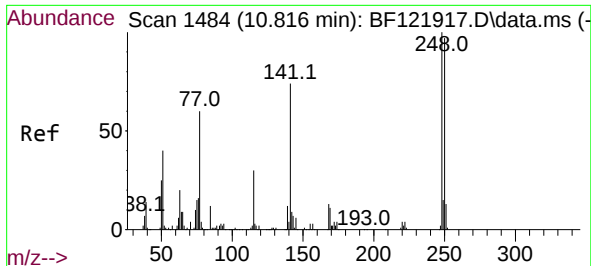
Tgt Ion:188 Resp: 461137
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.53 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Tgt Ion:198 Resp: 334
Ion Ratio Lower Upper
198 100
51 185.0 29.6 69.6#
105 171.8 24.4 64.4#

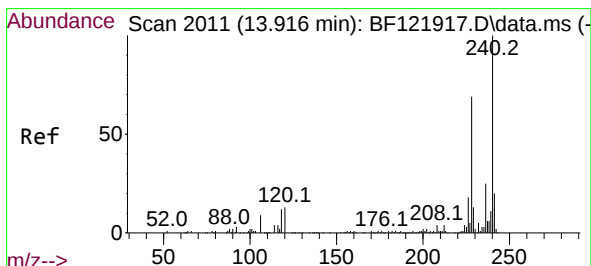
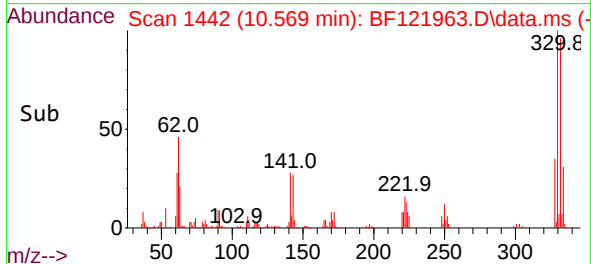
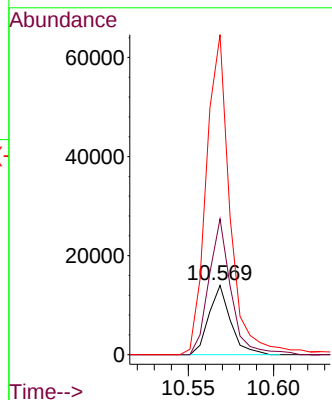
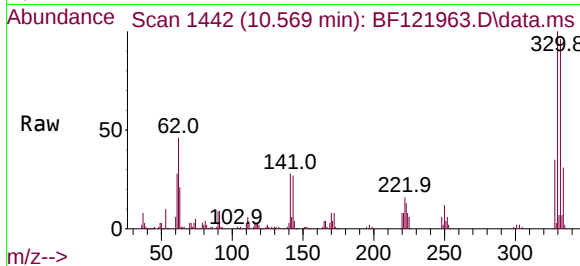




#67
4-Bromophenyl-phenylether
Concen: 2.33 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

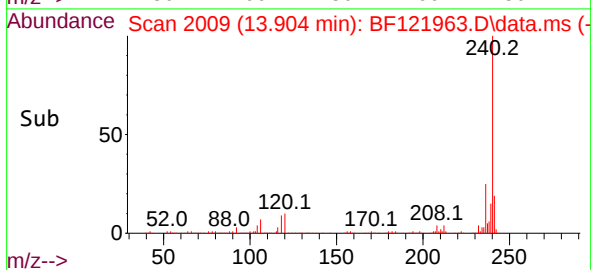
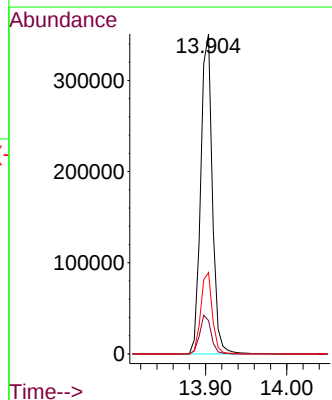
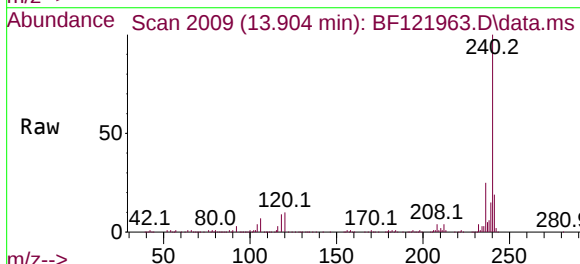
Instrument :
BNA_F
ClientSampled :
BB-SOIL

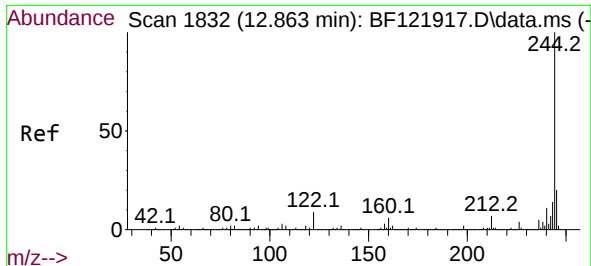
Tgt Ion:248 Resp: 12423
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.6#
141 461.3 53.7 80.5#



#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

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

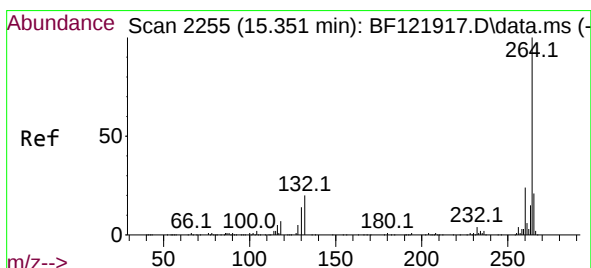
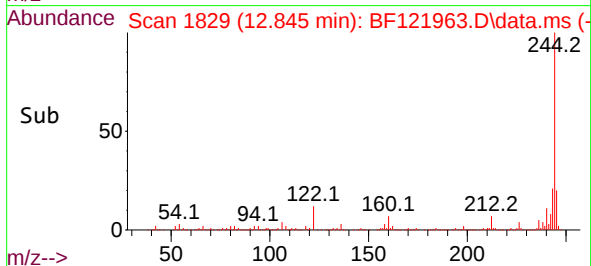
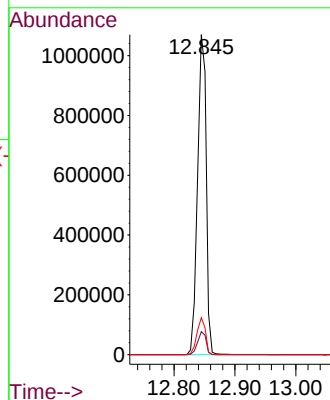
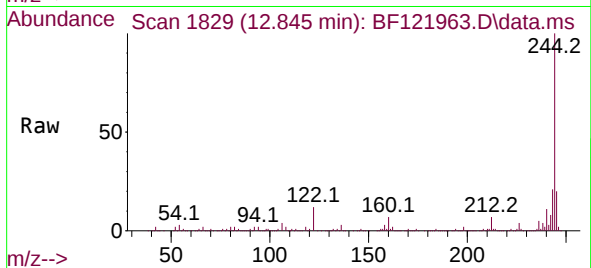




#79
Terphenyl-d14
Concen: 57.56 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121963.D
Acq: 14 Oct 2020 18:03

Instrument :
BNA_F
ClientSampleId :
BB-SOIL

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

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

