

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126617.D
 Acq On : 20 Jan 2022 18:06
 Operator : CG/JU
 Sample : N1189-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-6

Quant Time: Jan 21 04:14:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

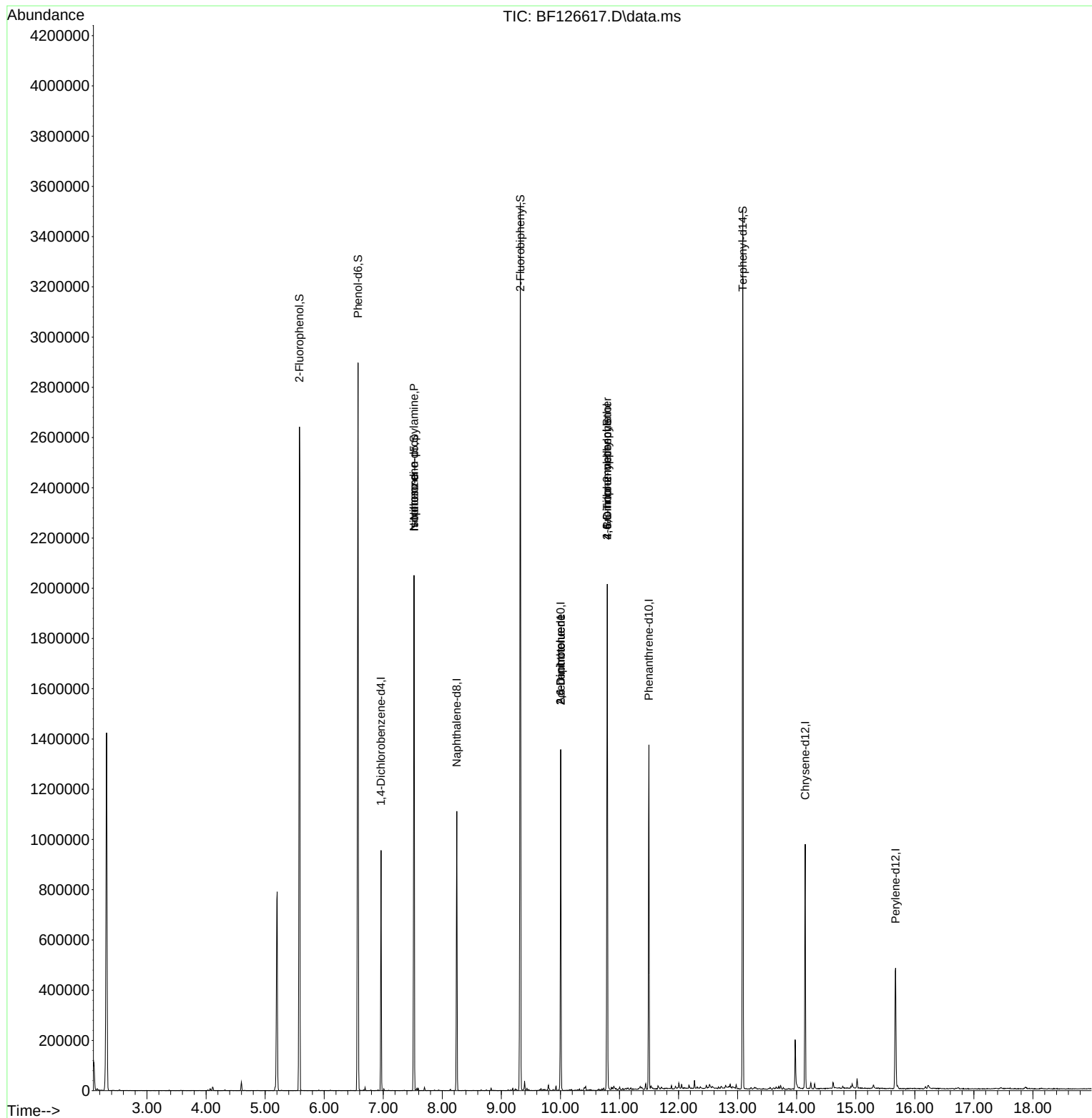
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	110360	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	426242	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	236894	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	429926	20.000	ng	0.00
76) Chrysene-d12	14.145	240	307861	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	218665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	718837	85.712	ng	0.00
7) Phenol-d6	6.575	99	1000326	85.848	ng	0.00
23) Nitrobenzene-d5	7.522	82	747468	68.639	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	189579	85.513	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	957752	61.918	ng	0.00
79) Terphenyl-d14	13.086	244	1104563	60.178	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2107	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	102266	12.025	ng	# 70
25) Isophorone	7.522	82	747452	35.392	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	30651	10.557	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	30651	8.712	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	518	7.585	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12921	2.608	ng	# 1

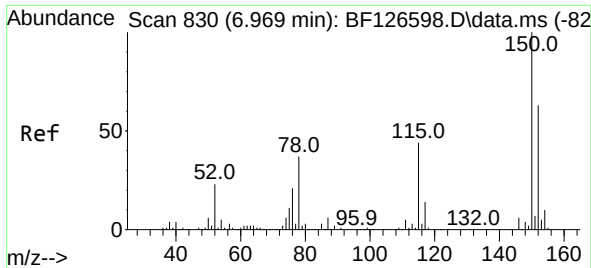
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
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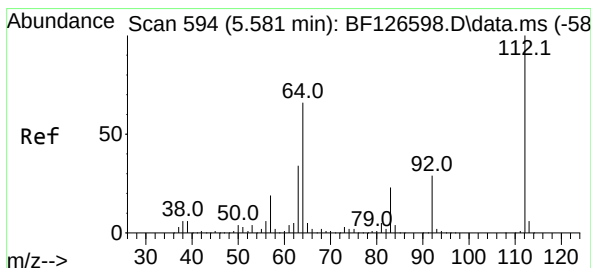
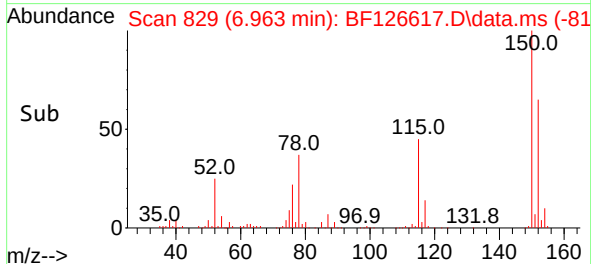
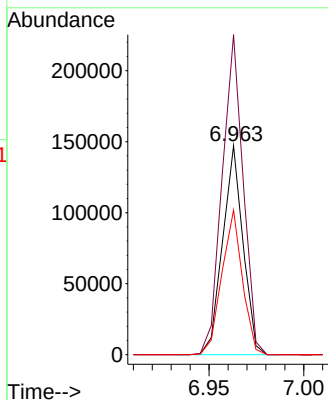
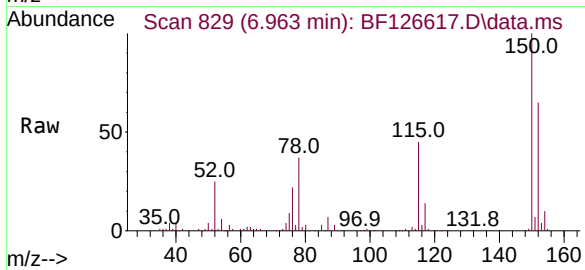




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

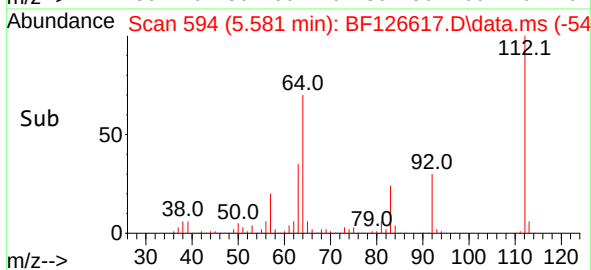
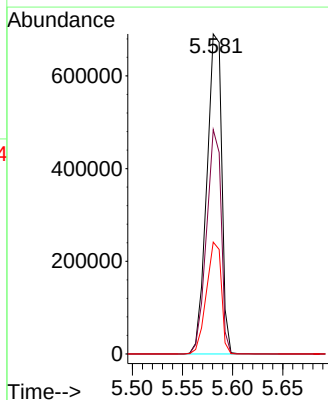
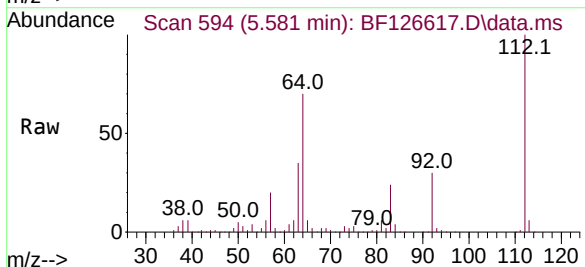
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

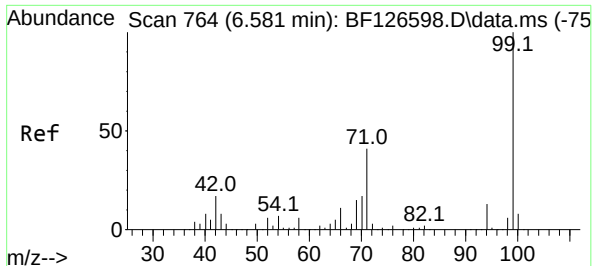
Tgt Ion:152 Resp: 110360
Ion Ratio Lower Upper
152 100
150 153.0 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 85.712 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion:112 Resp: 718837
Ion Ratio Lower Upper
112 100
64 70.1 49.5 74.3
63 34.9 23.9 35.9

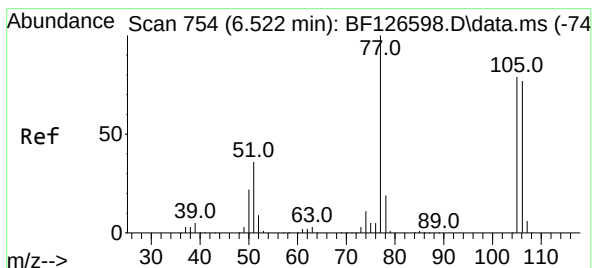
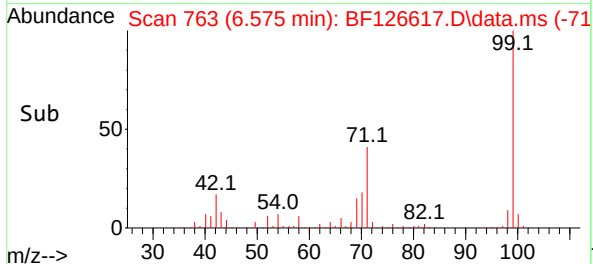
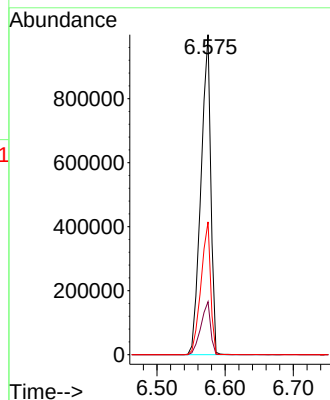
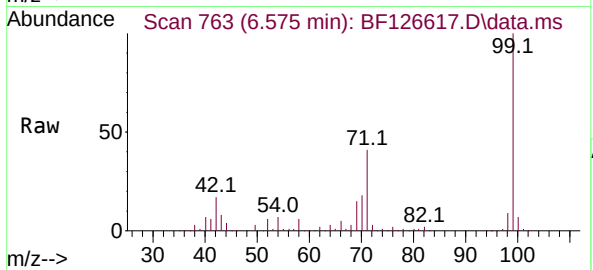




#7
Phenol-d6
Concen: 85.848 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

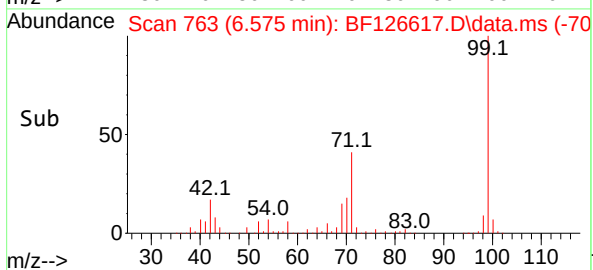
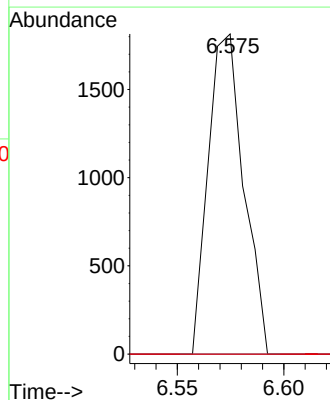
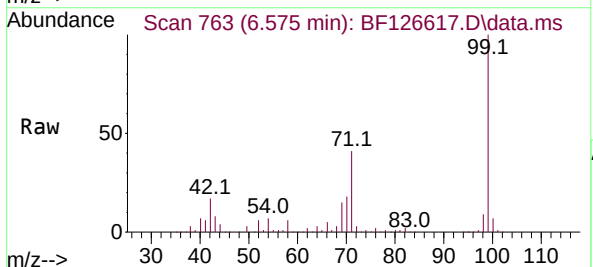
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

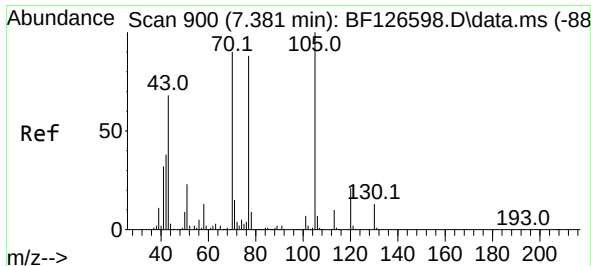
Tgt Ion: 99 Resp: 1000326
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 41.5 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.053 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

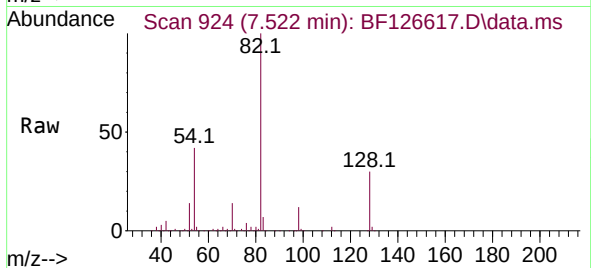
Tgt Ion: 77 Resp: 2107
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



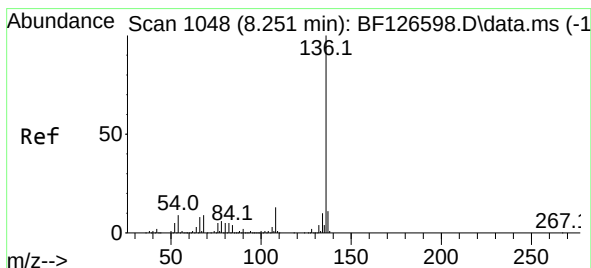
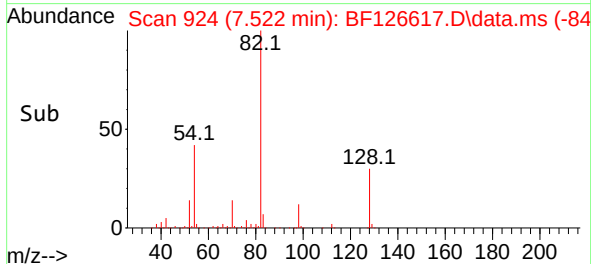
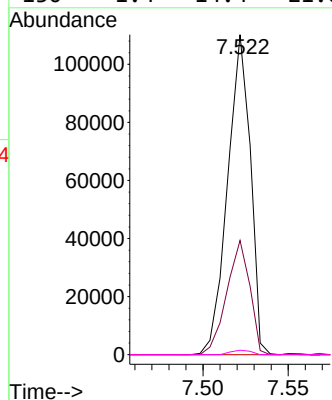


#19
n-Nitroso-di-n-propylamine
Concen: 12.025 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

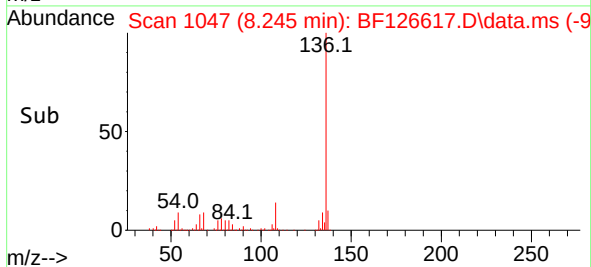
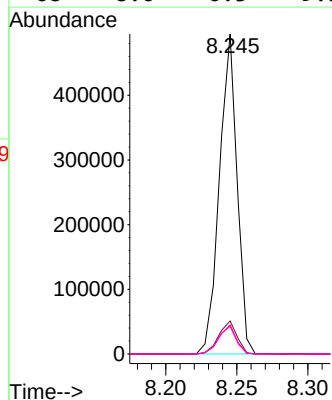
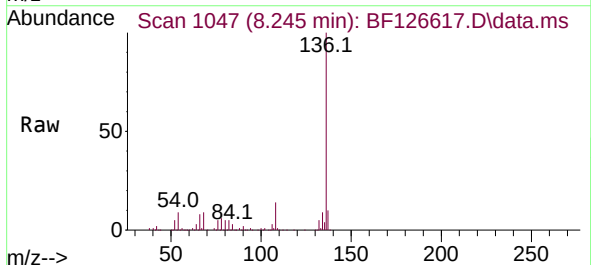


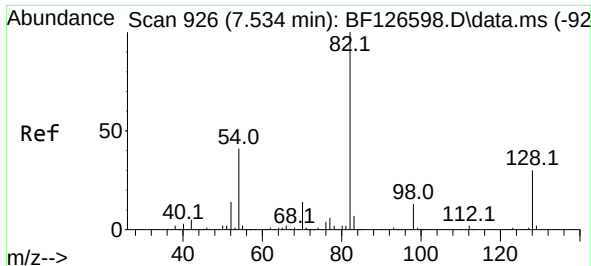
Tgt Ion: 70 Resp: 102266
Ion Ratio Lower Upper
70 100
42 35.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion: 136 Resp: 426242
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 9.1 7.8 11.6
68 8.6 6.3 9.5

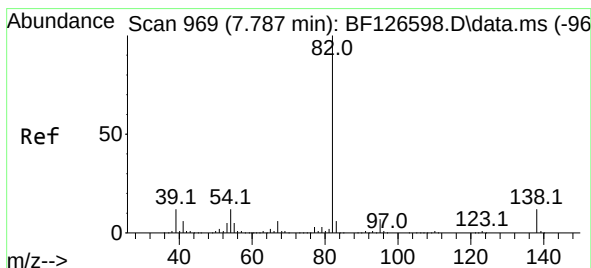
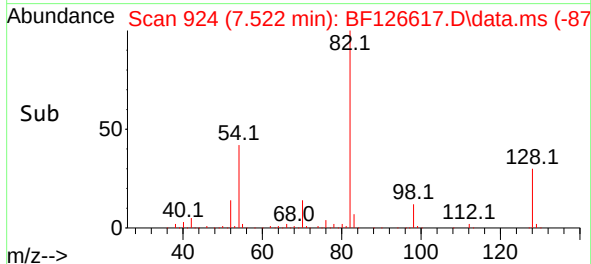
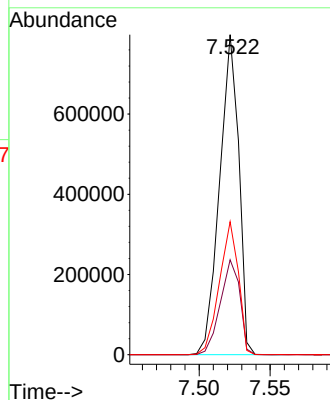
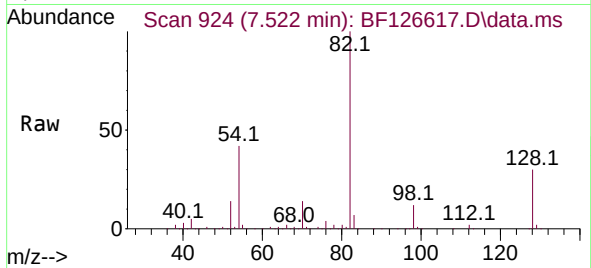




#23
Nitrobenzene-d5
Concen: 68.639 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

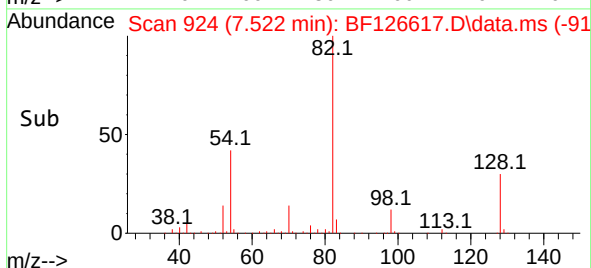
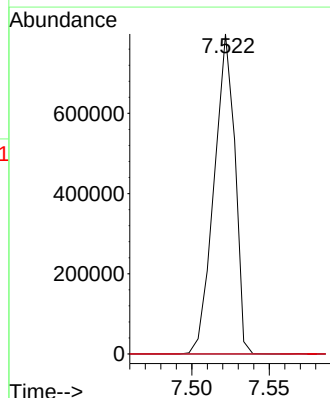
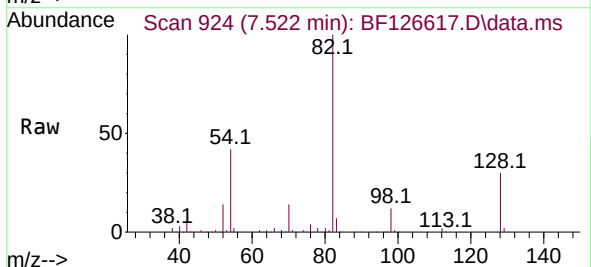
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

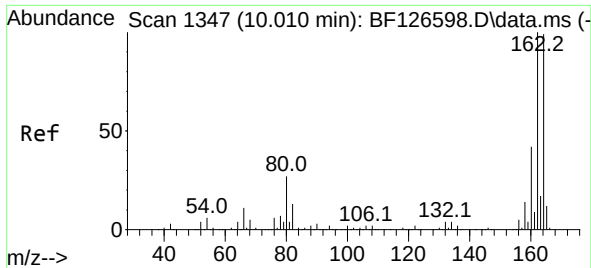
Tgt Ion: 82 Resp: 747468
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 41.6 41.7 62.5#



#25
Isophorone
Concen: 35.392 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion: 82 Resp: 747452
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

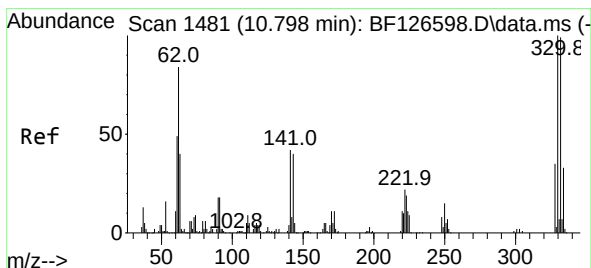
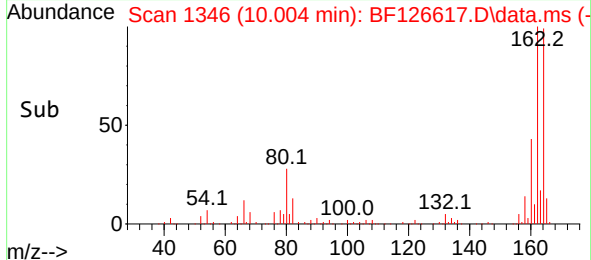
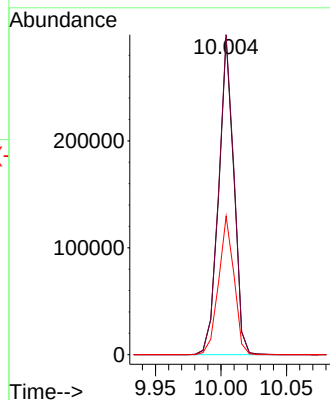
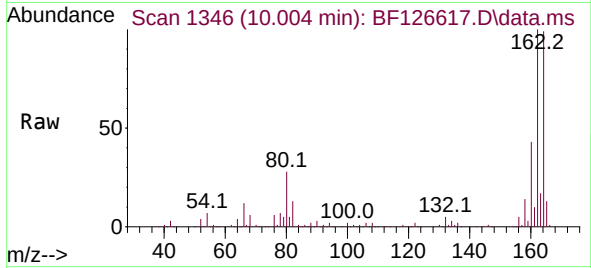




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

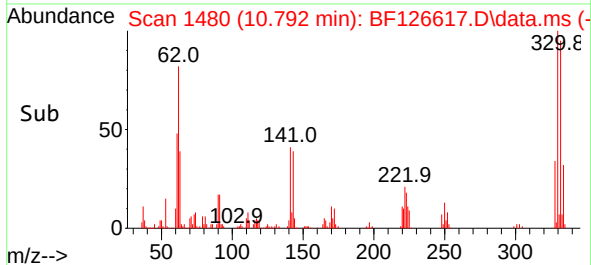
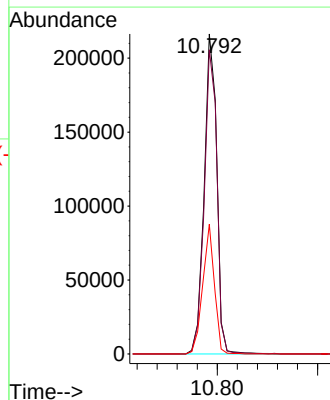
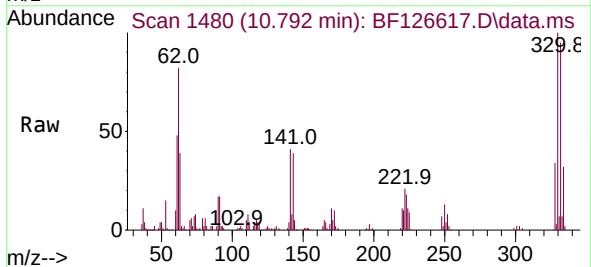
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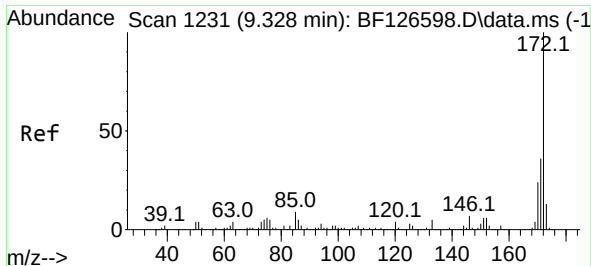
Tgt Ion:164 Resp: 236894
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 85.513 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion:330 Resp: 189579
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 37.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.918 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126617.D

Acq: 20 Jan 2022 18:06

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-6

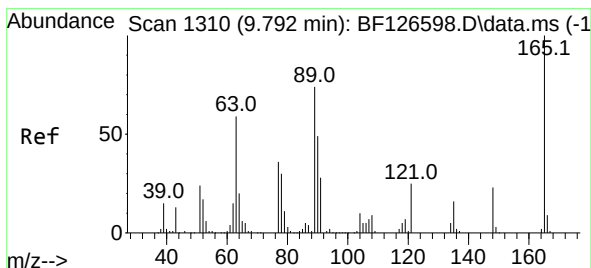
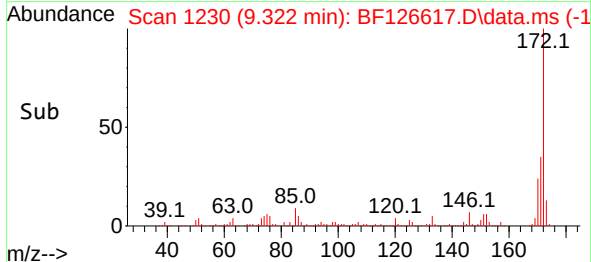
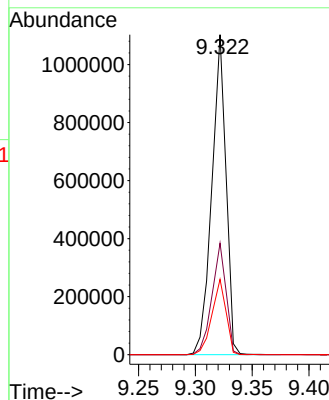
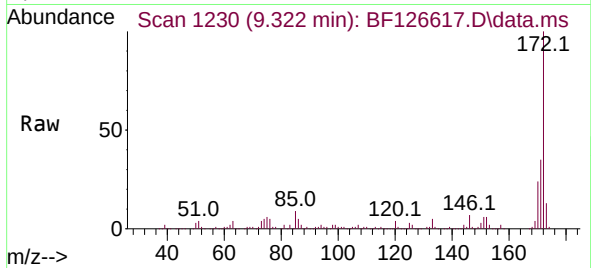
Tgt Ion:172 Resp: 957752

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.557 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126617.D

Acq: 20 Jan 2022 18:06

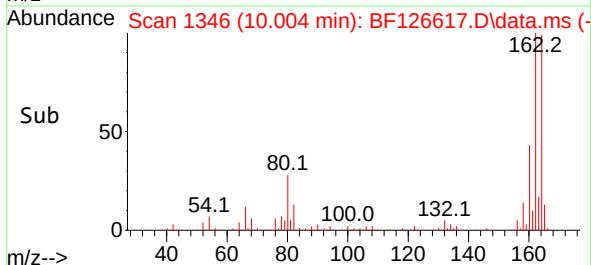
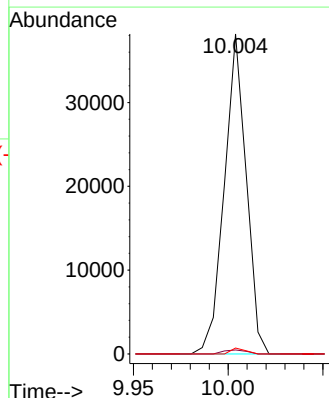
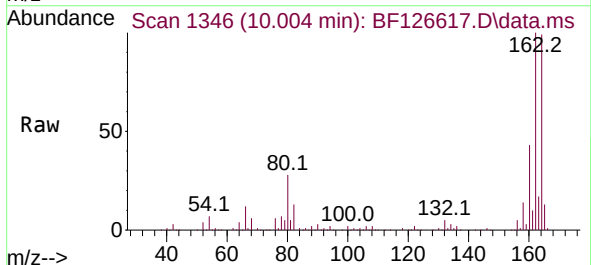
Tgt Ion:165 Resp: 30651

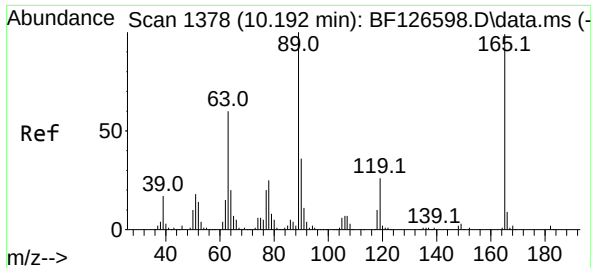
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.8 50.5 75.7#

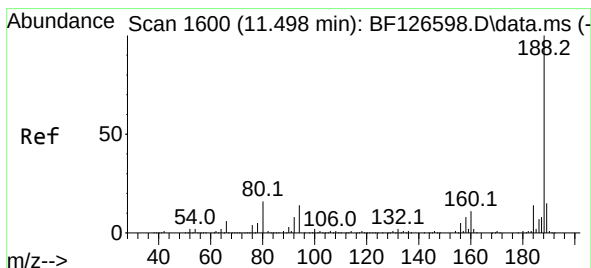
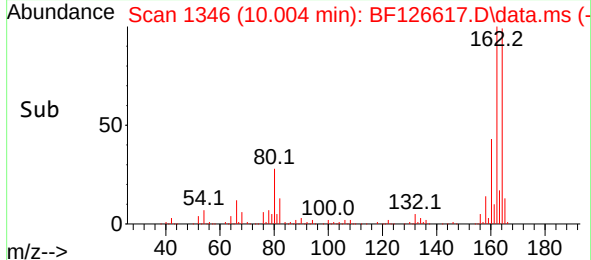
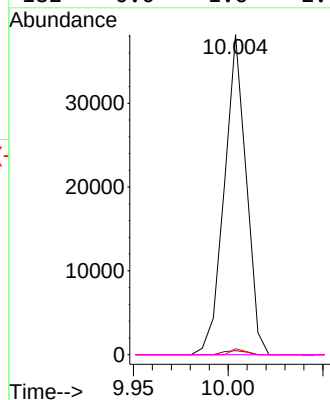
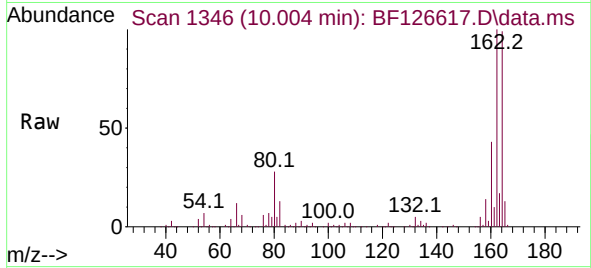




#57
2,4-Dinitrotoluene
Concen: 8.712 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

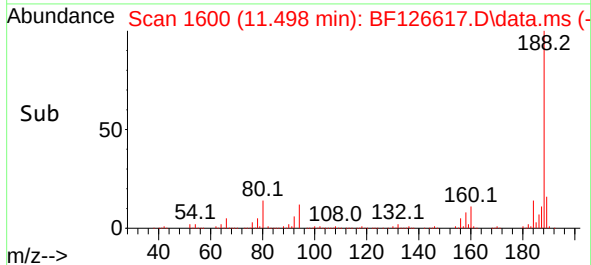
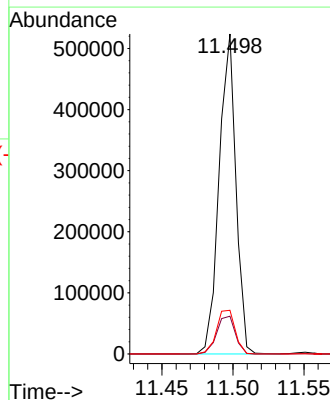
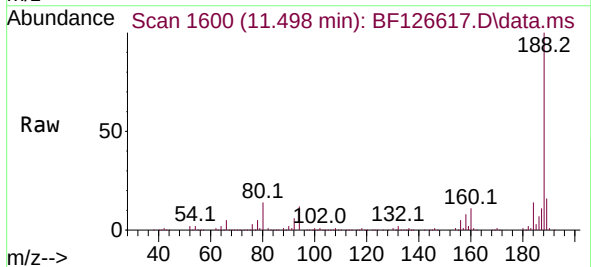
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

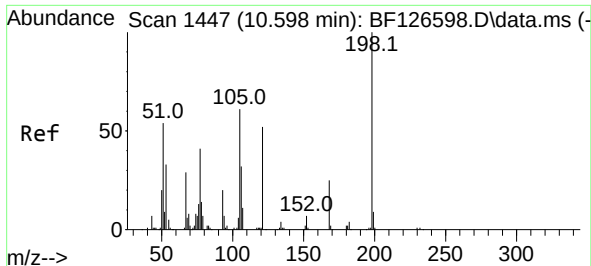
Tgt Ion:165 Resp: 30651
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion:188 Resp: 429926
Ion Ratio Lower Upper
188 100
94 11.8 10.1 15.1
80 13.7 11.8 17.6

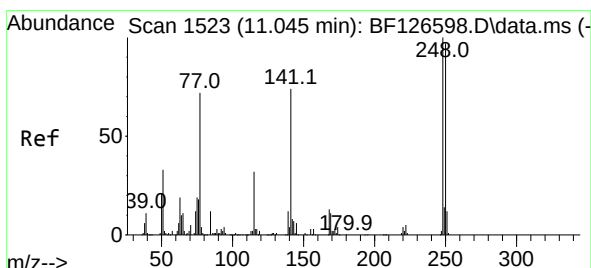
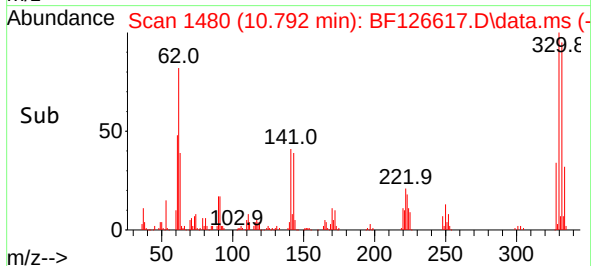
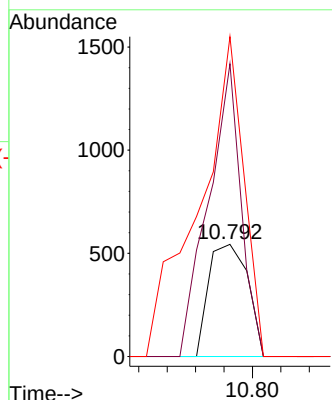
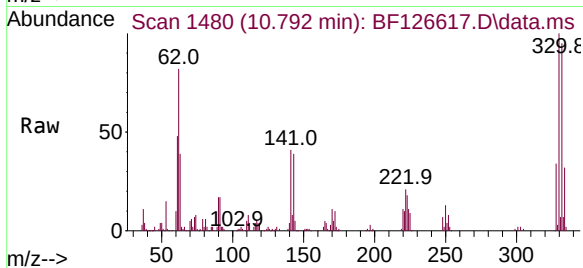




#65
4,6-Dinitro-2-methylphenol
Concen: 7.585 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

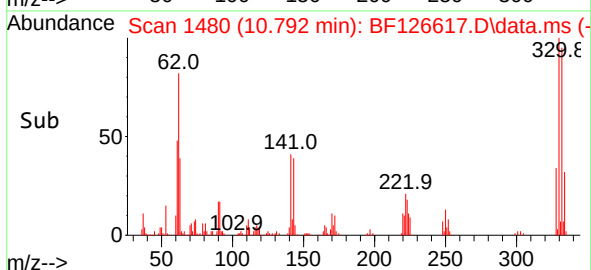
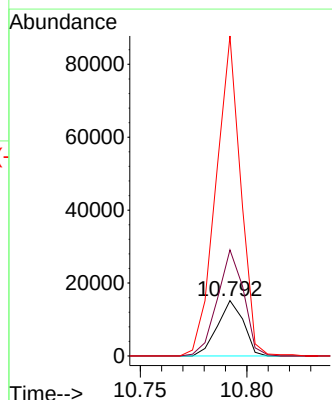
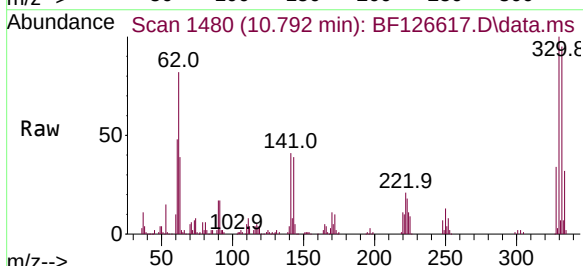
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

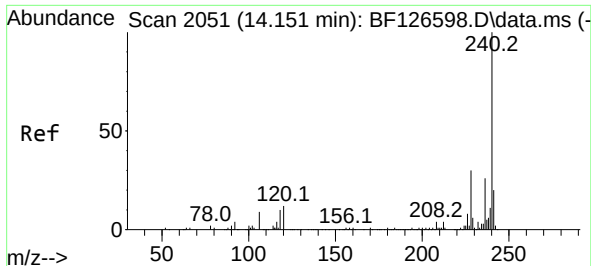
Tgt Ion:198 Resp: 518
Ion Ratio Lower Upper
198 100
51 260.8 32.0 72.0#
105 284.9 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.608 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion:248 Resp: 12921
Ion Ratio Lower Upper
248 100
250 191.3 76.2 114.4#
141 577.3 66.2 99.4#

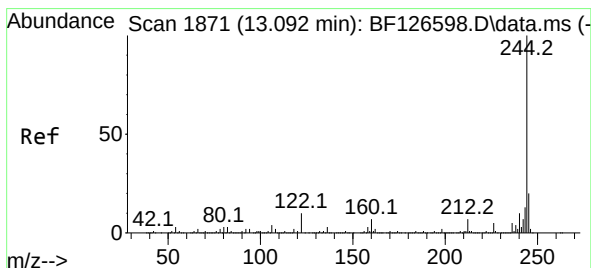
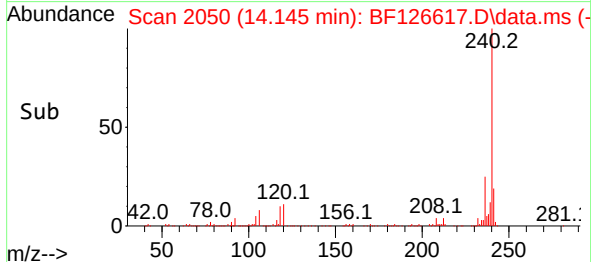
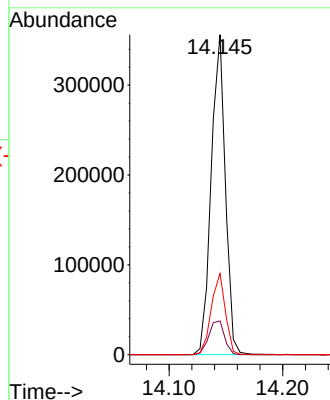
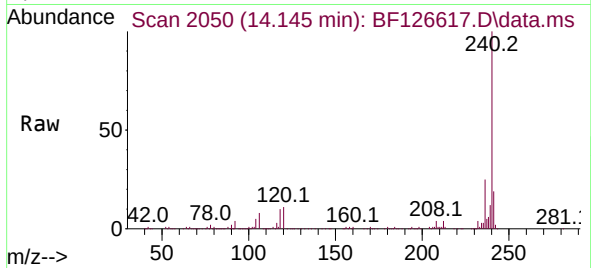




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

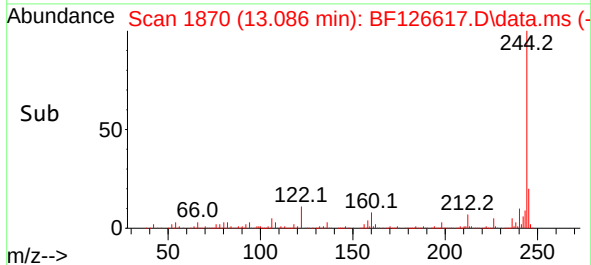
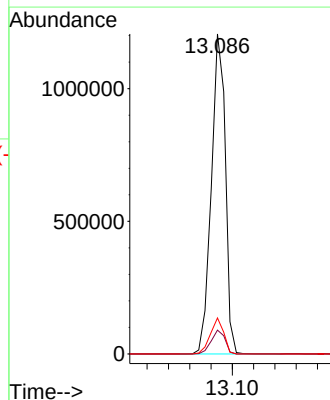
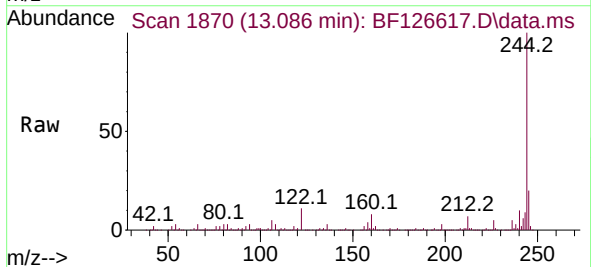
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-6

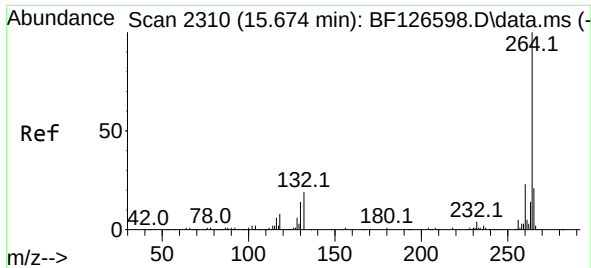
Tgt Ion:240 Resp: 307861
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 60.178 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126617.D
Acq: 20 Jan 2022 18:06

Tgt Ion:244 Resp: 1104563
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4#
122 11.3 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF126617.D
 Acq: 20 Jan 2022 18:06

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-6

Tgt Ion:264	Resp:	218665
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.2 28.8
265	20.6	17.4 26.2

