

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126624.D
 Acq On : 20 Jan 2022 21:12
 Operator : CG/JU
 Sample : N1189-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-13

Quant Time: Jan 21 04:15:36 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)

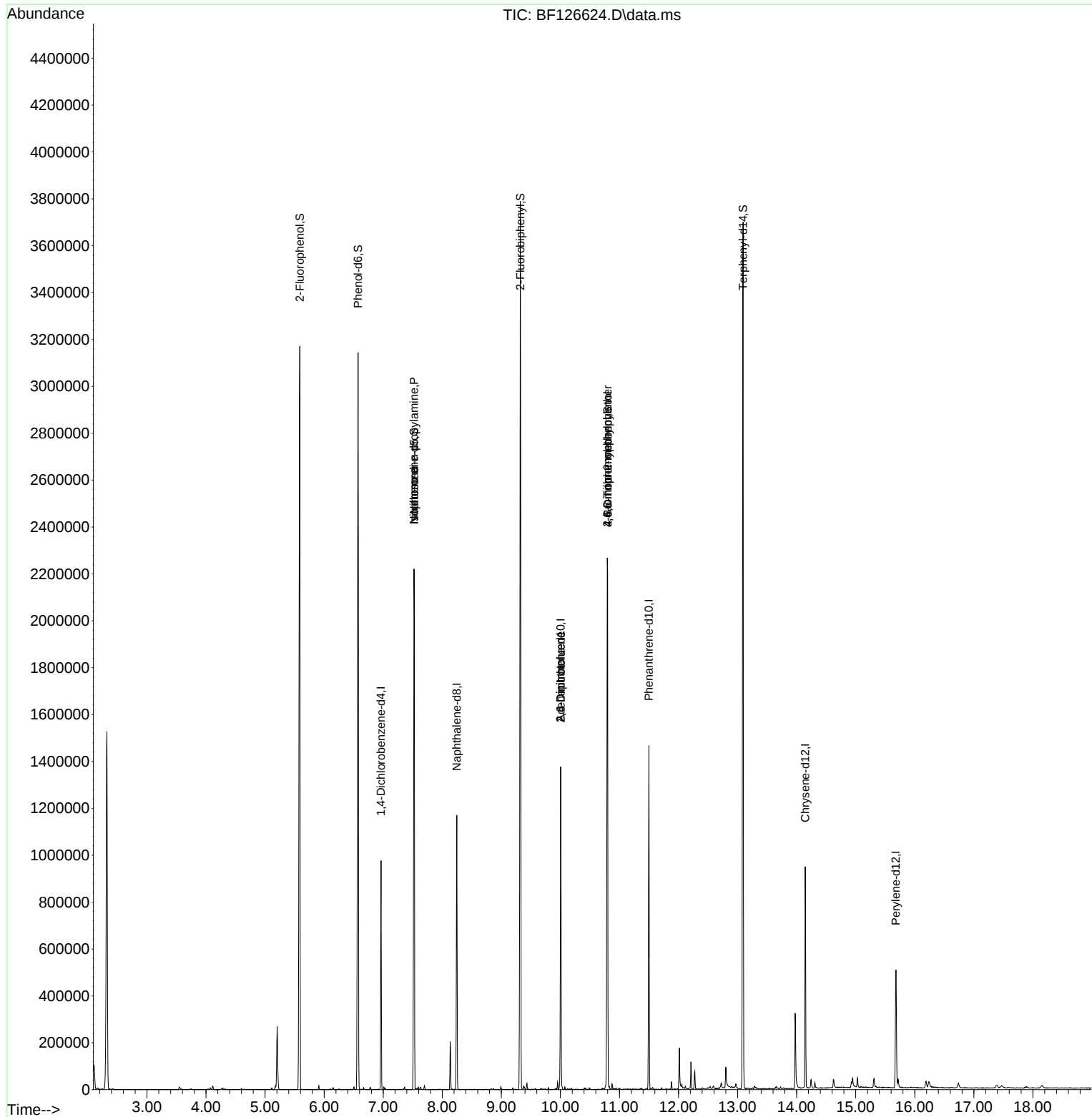
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	114776	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	446456	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248858	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	433864	20.000	ng	0.00
76) Chrysene-d12	14.145	240	300147	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	229392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	875443	100.369	ng	0.00
7) Phenol-d6	6.575	99	1215633	100.312	ng	0.00
23) Nitrobenzene-d5	7.522	82	894542	78.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	252792	108.545	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1080230	66.478	ng	0.00
79) Terphenyl-d14	13.092	244	1182156	66.061	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2180	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	123041	13.911	ng	# 72
25) Isophorone	7.522	82	894523	40.438	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	31328	10.272	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	31328	8.476	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.798	198	540	7.592	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	17420	3.484	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126624.D
Acq On : 20 Jan 2022 21:12
Operator : CG/JU
Sample : N1189-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

Quant Time: Jan 21 04:15:36 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

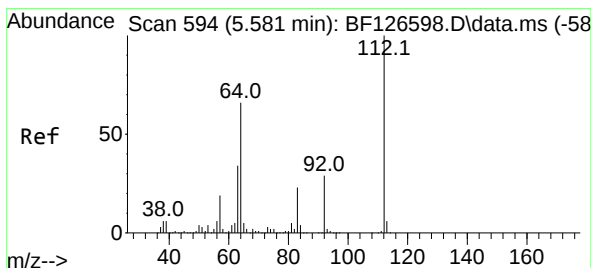
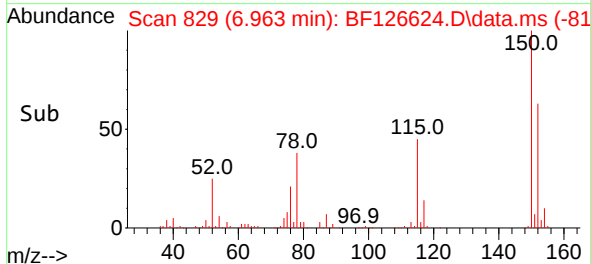
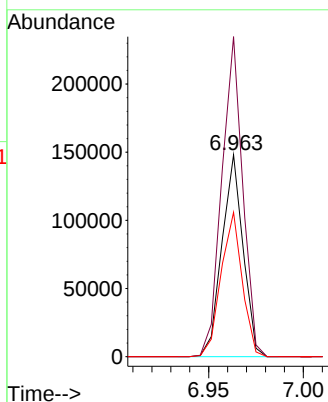
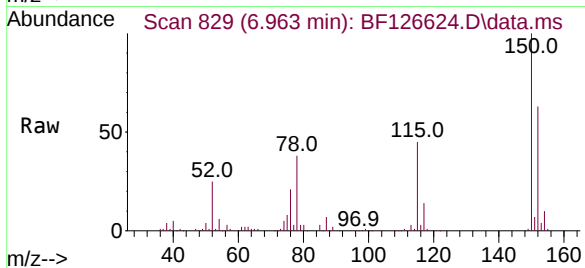




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

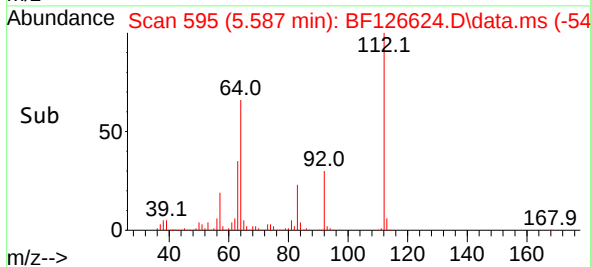
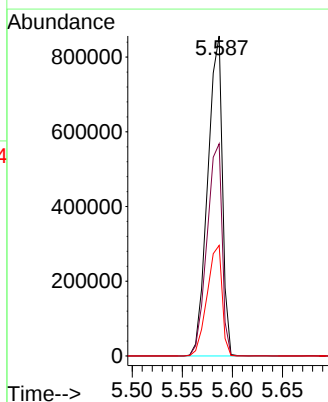
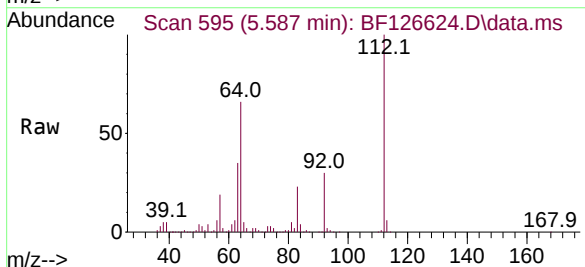
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

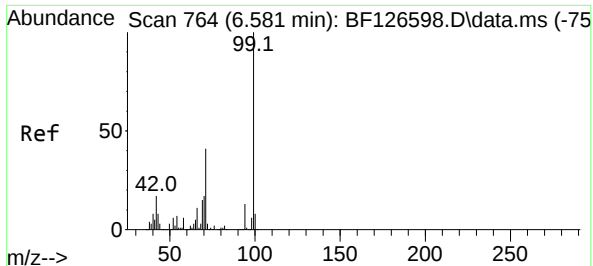
Tgt Ion:152 Resp: 114776
Ion Ratio Lower Upper
152 100
150 158.5 128.1 192.1
115 71.5 56.7 85.1



#5
2-Fluorophenol
Concen: 100.369 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion:112 Resp: 875443
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 34.6 23.9 35.9

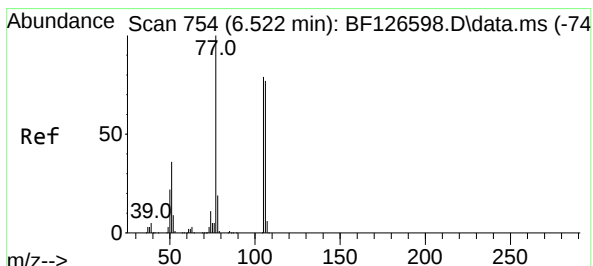
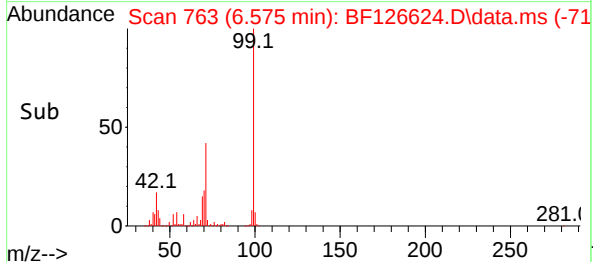
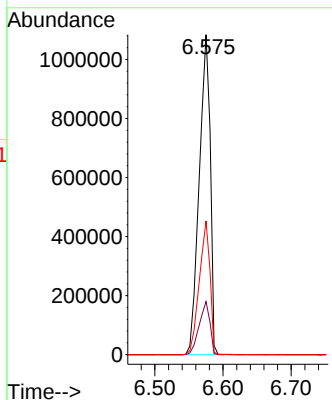
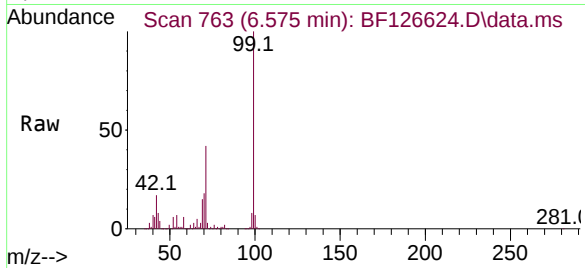




#7
Phenol-d6
Concen: 100.312 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

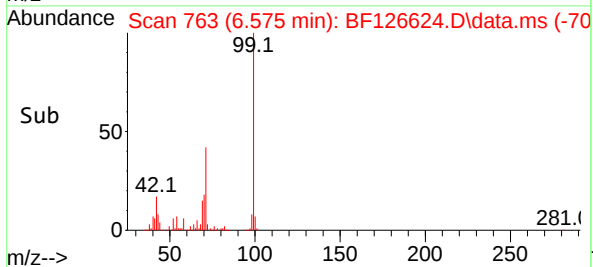
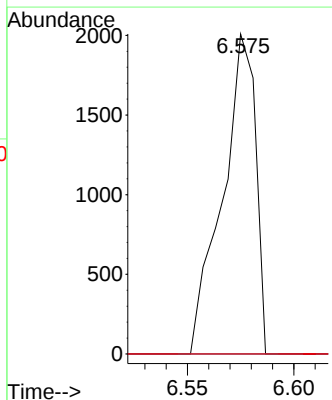
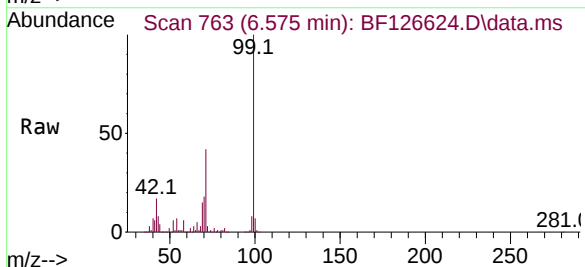
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

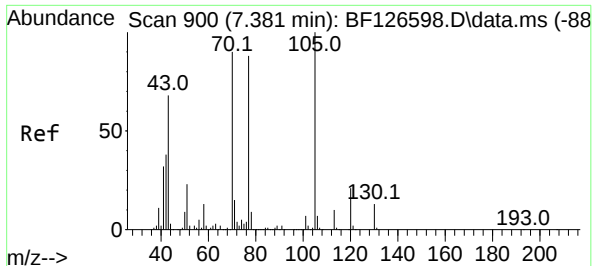
Tgt Ion: 99 Resp: 1215633
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 41.8 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.053 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion: 77 Resp: 2180
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

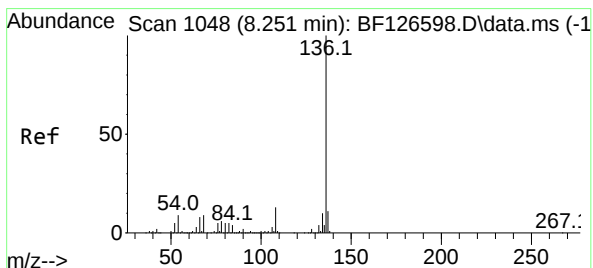
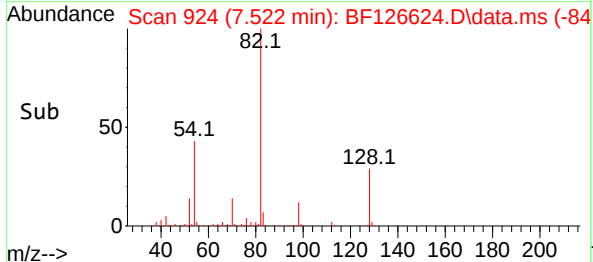
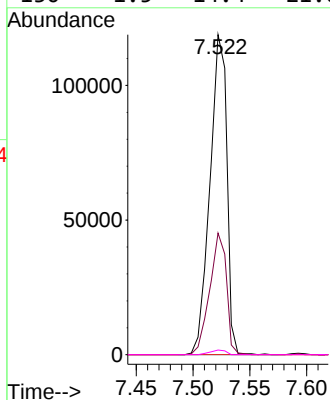
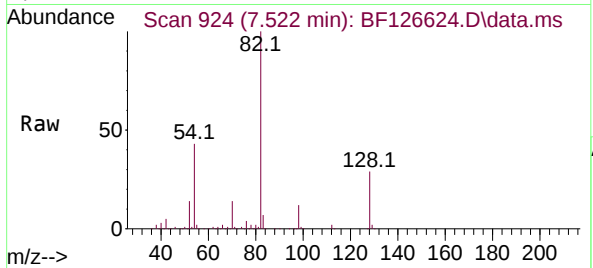




#19
n-Nitroso-di-n-propylamine
Concen: 13.911 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

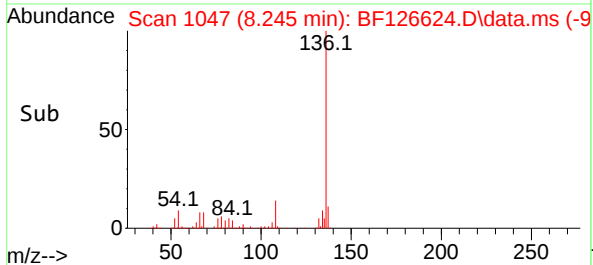
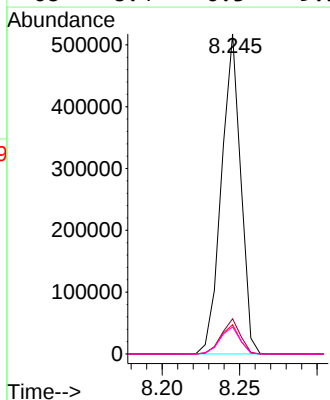
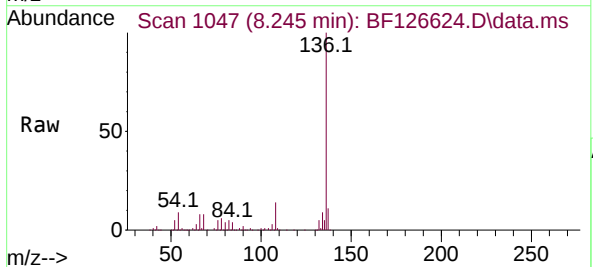
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

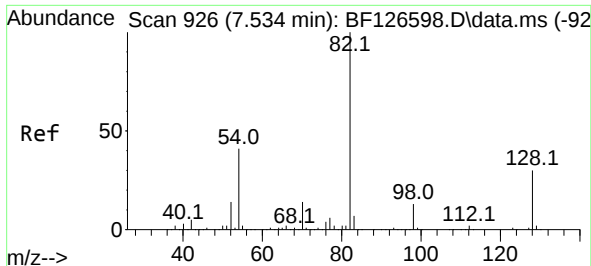
Tgt Ion: 70 Resp: 123041
Ion Ratio Lower Upper
70 100
42 38.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion: 136 Resp: 446456
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.8 11.6
68 8.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 78.425 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF126624.D

Acq: 20 Jan 2022 21:12

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-13

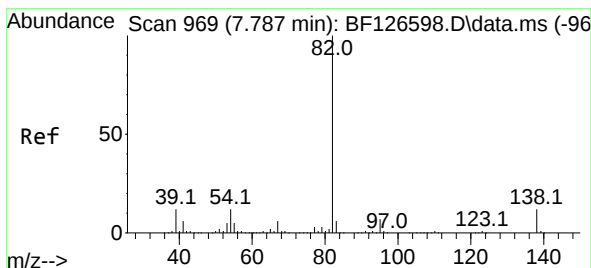
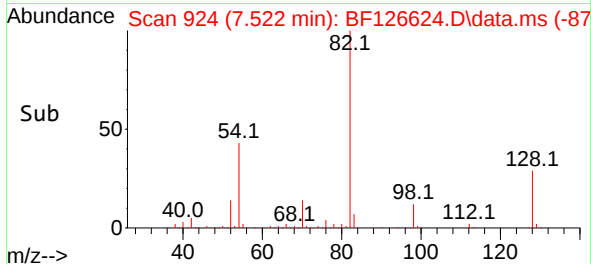
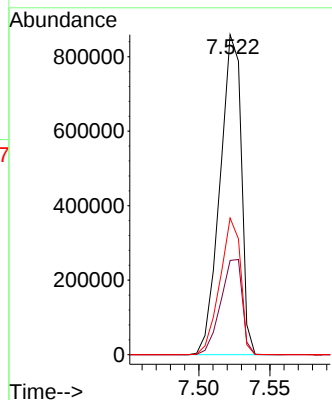
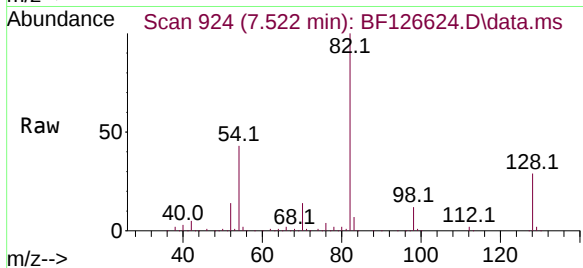
Tgt Ion: 82 Resp: 894542

Ion Ratio Lower Upper

82 100

128 29.5 32.7 49.1#

54 42.7 41.7 62.5



#25

Isophorone

Concen: 40.438 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.265 min

Lab File: BF126624.D

Acq: 20 Jan 2022 21:12

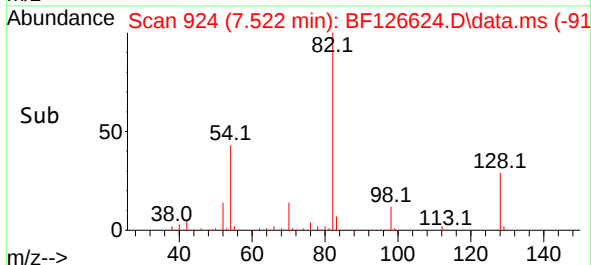
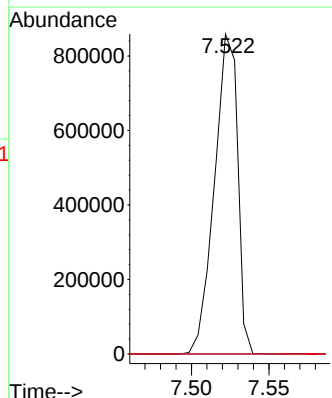
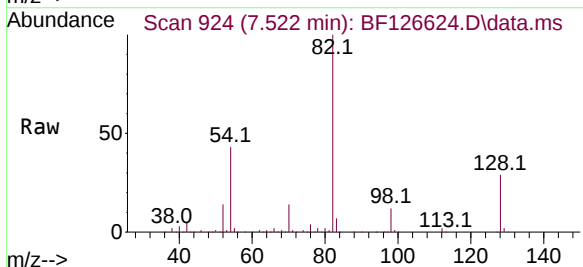
Tgt Ion: 82 Resp: 894523

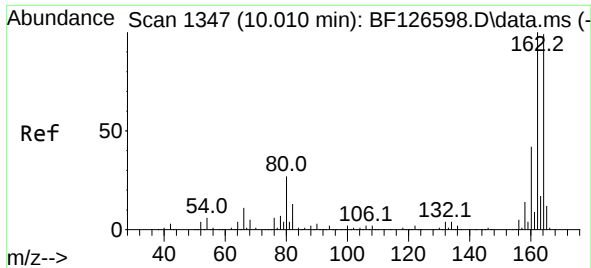
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

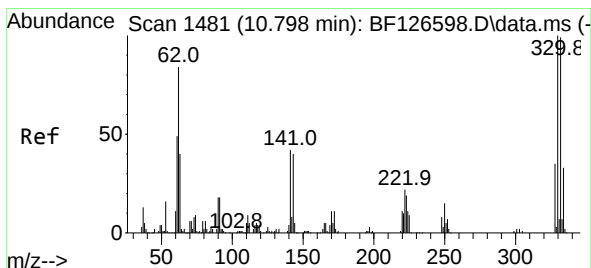
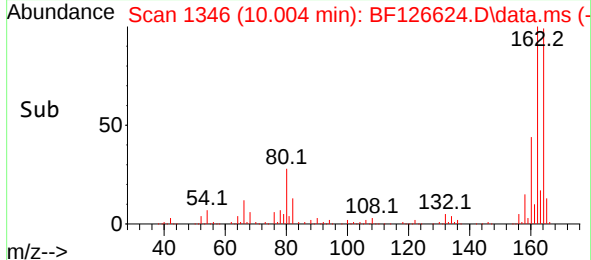
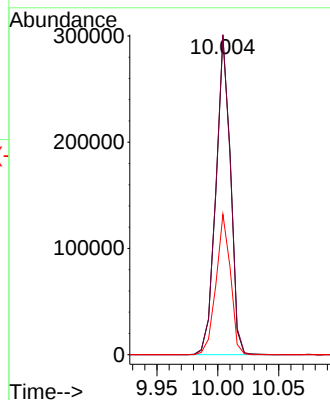
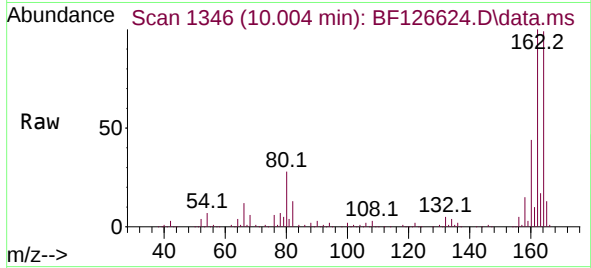




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

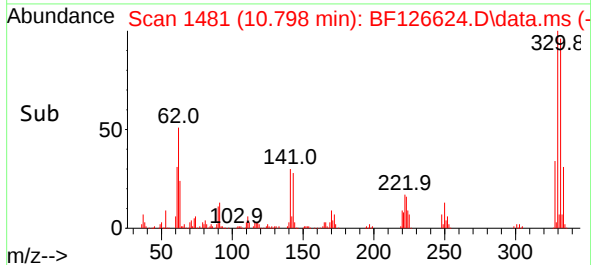
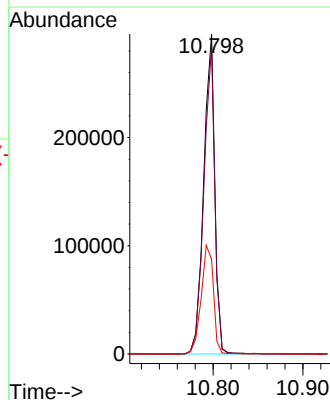
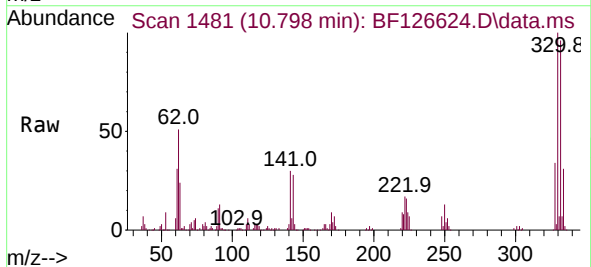
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

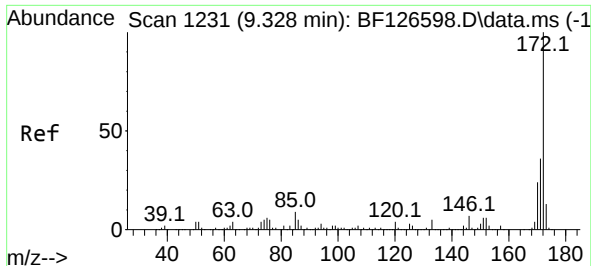
Tgt Ion:164 Resp: 248858
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 108.545 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion:330 Resp: 252792
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 37.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 66.478 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126624.D

Acq: 20 Jan 2022 21:12

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-13

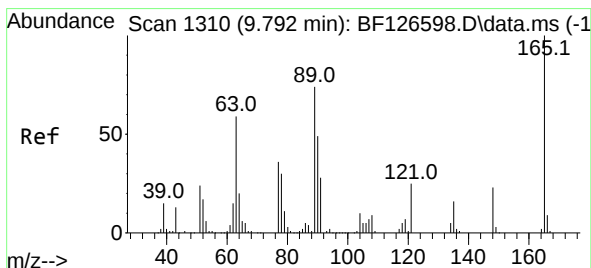
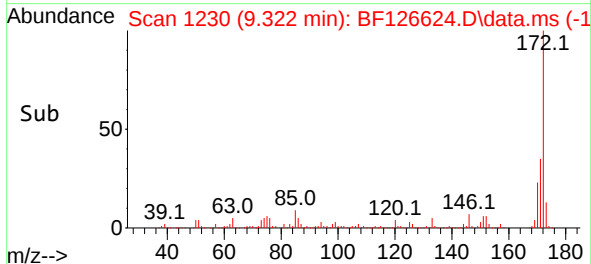
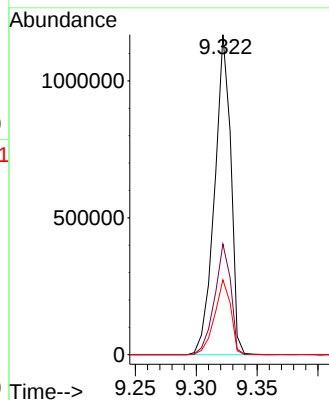
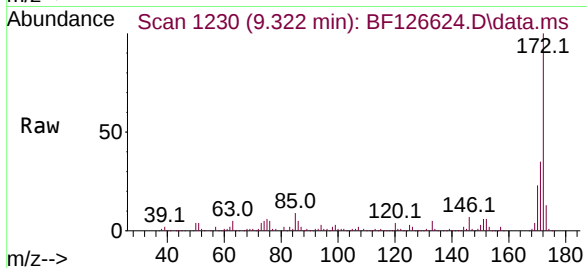
Tgt Ion:172 Resp: 1080230

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.272 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126624.D

Acq: 20 Jan 2022 21:12

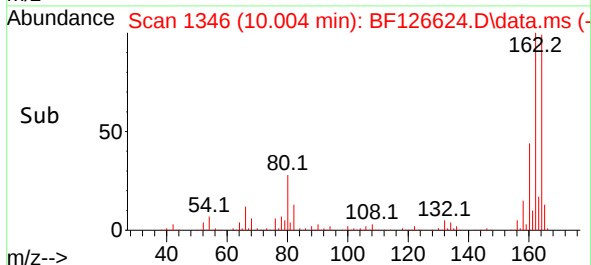
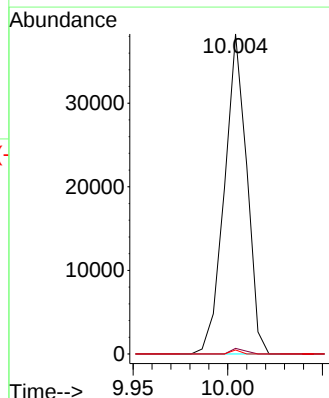
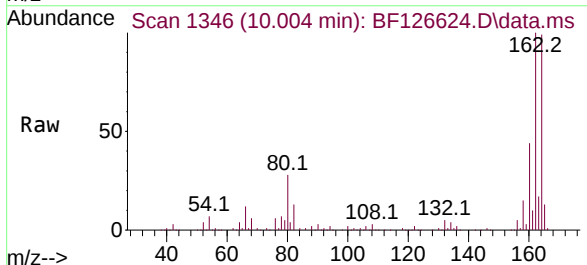
Tgt Ion:165 Resp: 31328

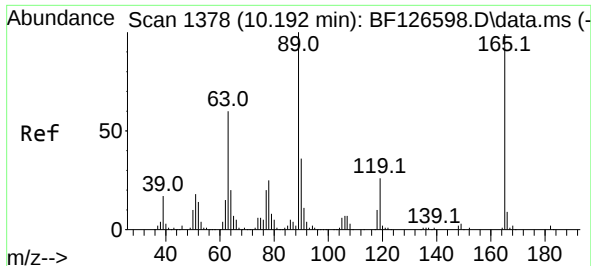
Ion Ratio Lower Upper

165 100

63 1.8 48.4 72.6#

89 1.2 50.5 75.7#

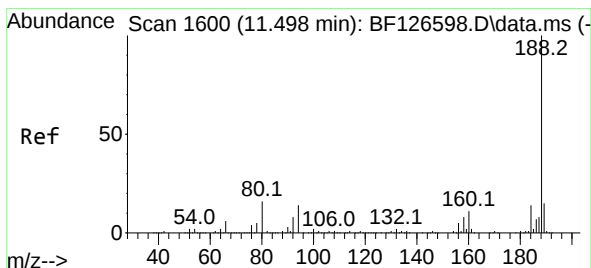
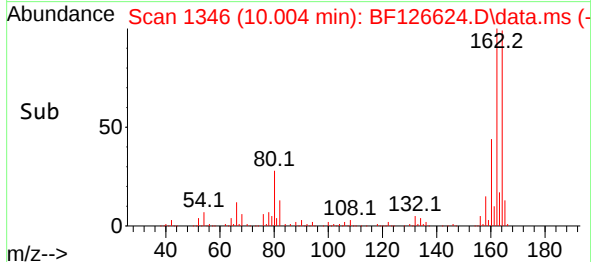
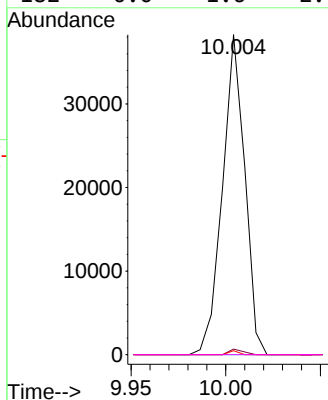
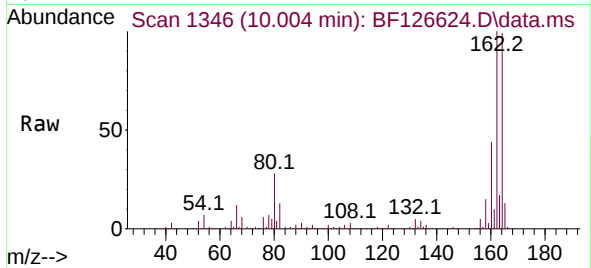




#57
2,4-Dinitrotoluene
Concen: 8.476 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

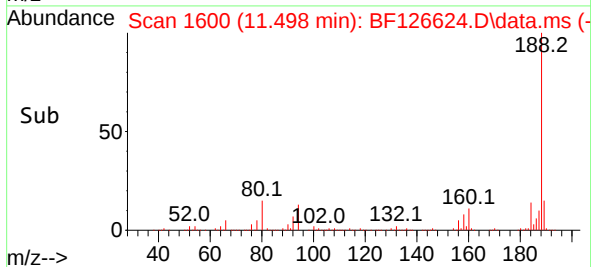
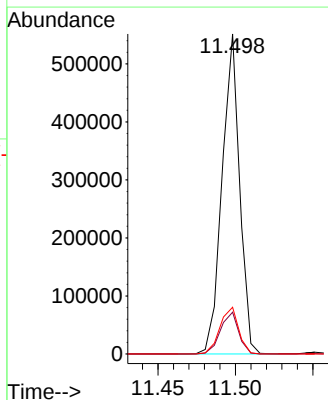
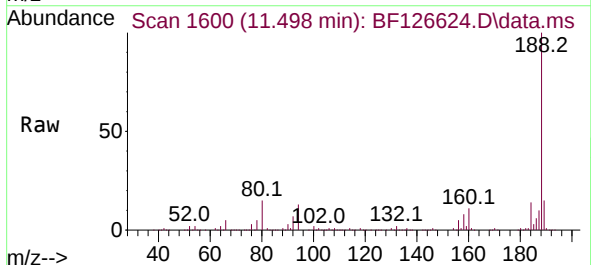
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

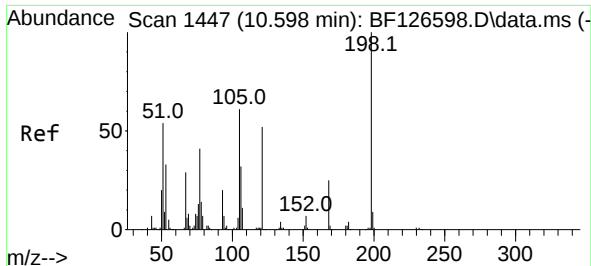
Tgt Ion:165 Resp: 31328
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion:188 Resp: 433864
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 14.6 11.8 17.6

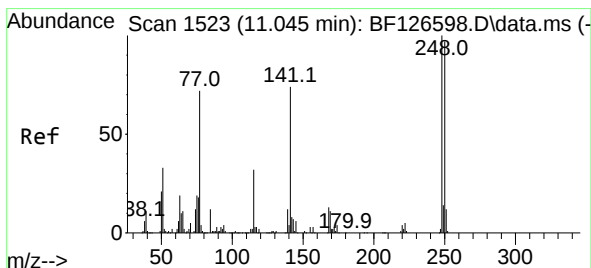
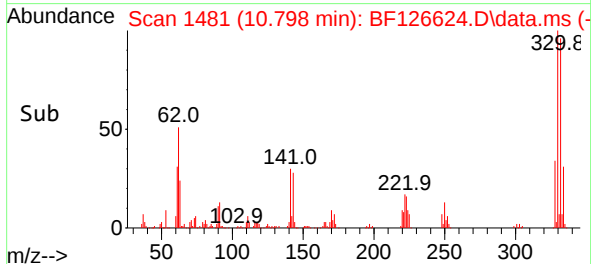
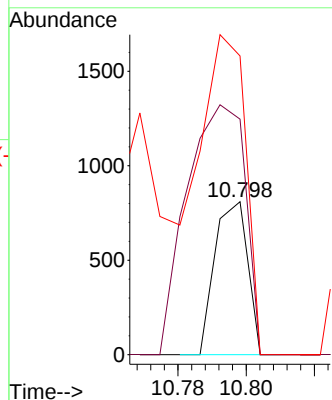
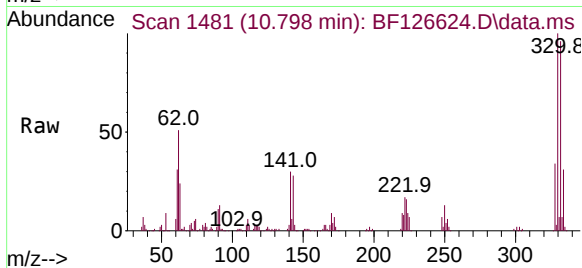




#65
4,6-Dinitro-2-methylphenol
Concen: 7.592 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

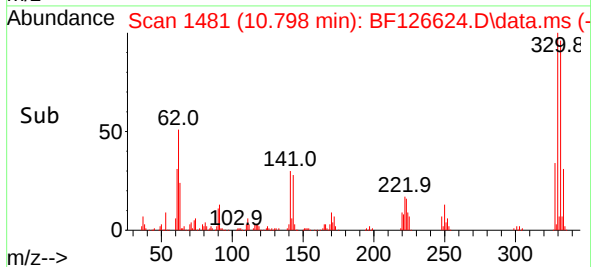
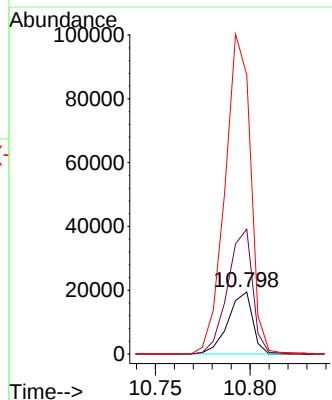
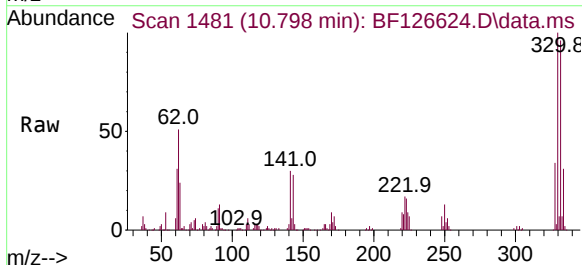
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

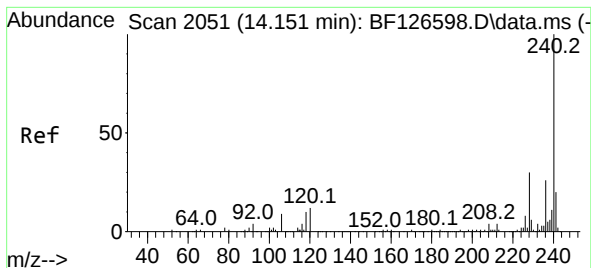
Tgt Ion:198 Resp: 540
Ion Ratio Lower Upper
198 100
51 154.0 32.0 72.0#
105 195.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.484 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion:248 Resp: 17420
Ion Ratio Lower Upper
248 100
250 201.6 76.2 114.4#
141 450.7 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: BF126624.D

Acq: 20 Jan 2022 21:12

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-13

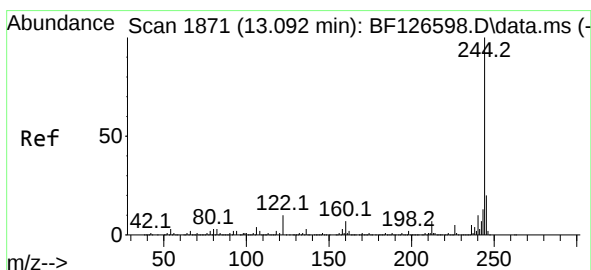
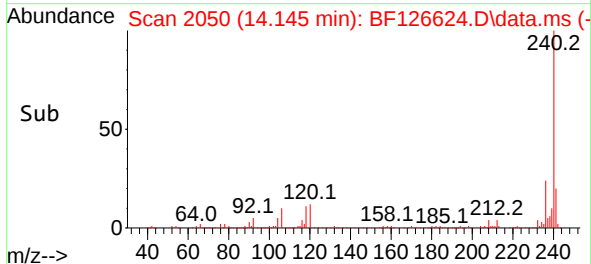
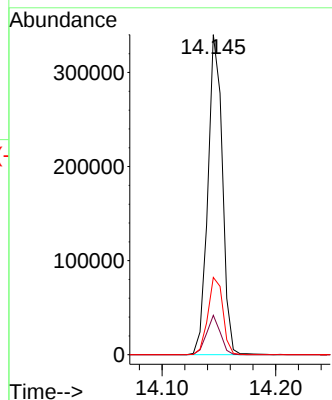
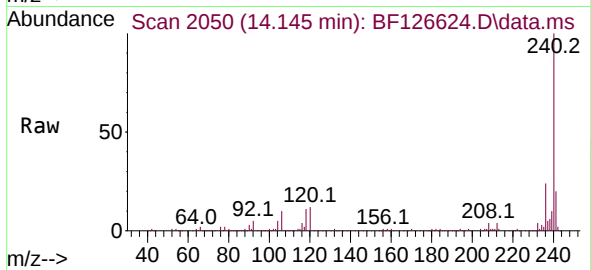
Tgt Ion:240 Resp: 300147

Ion Ratio Lower Upper

240 100

120 12.3 14.4 21.6#

236 24.2 20.5 30.7



#79

Terphenyl-d14

Concen: 66.061 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BF126624.D

Acq: 20 Jan 2022 21:12

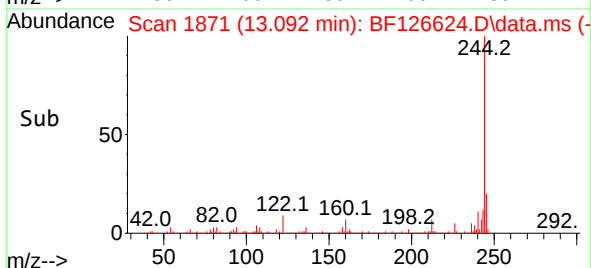
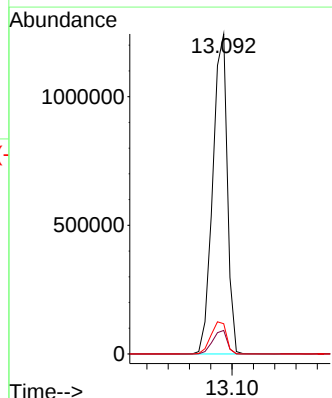
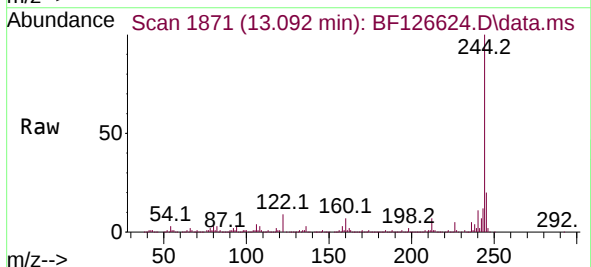
Tgt Ion:244 Resp: 1182156

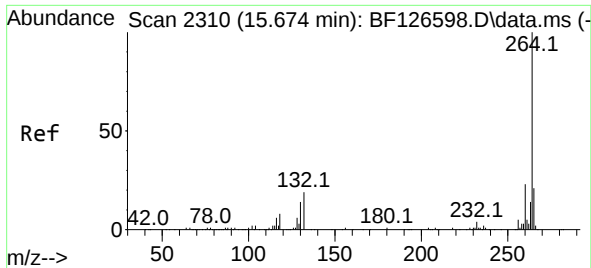
Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

122 9.5 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126624.D
 Acq: 20 Jan 2022 21:12

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-13

Tgt Ion:264 Resp: 229392
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.4 26.2

