

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126626.D
 Acq On : 20 Jan 2022 22:05
 Operator : CG/JU
 Sample : N1189-29
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-15

Quant Time: Jan 21 04:15:54 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)

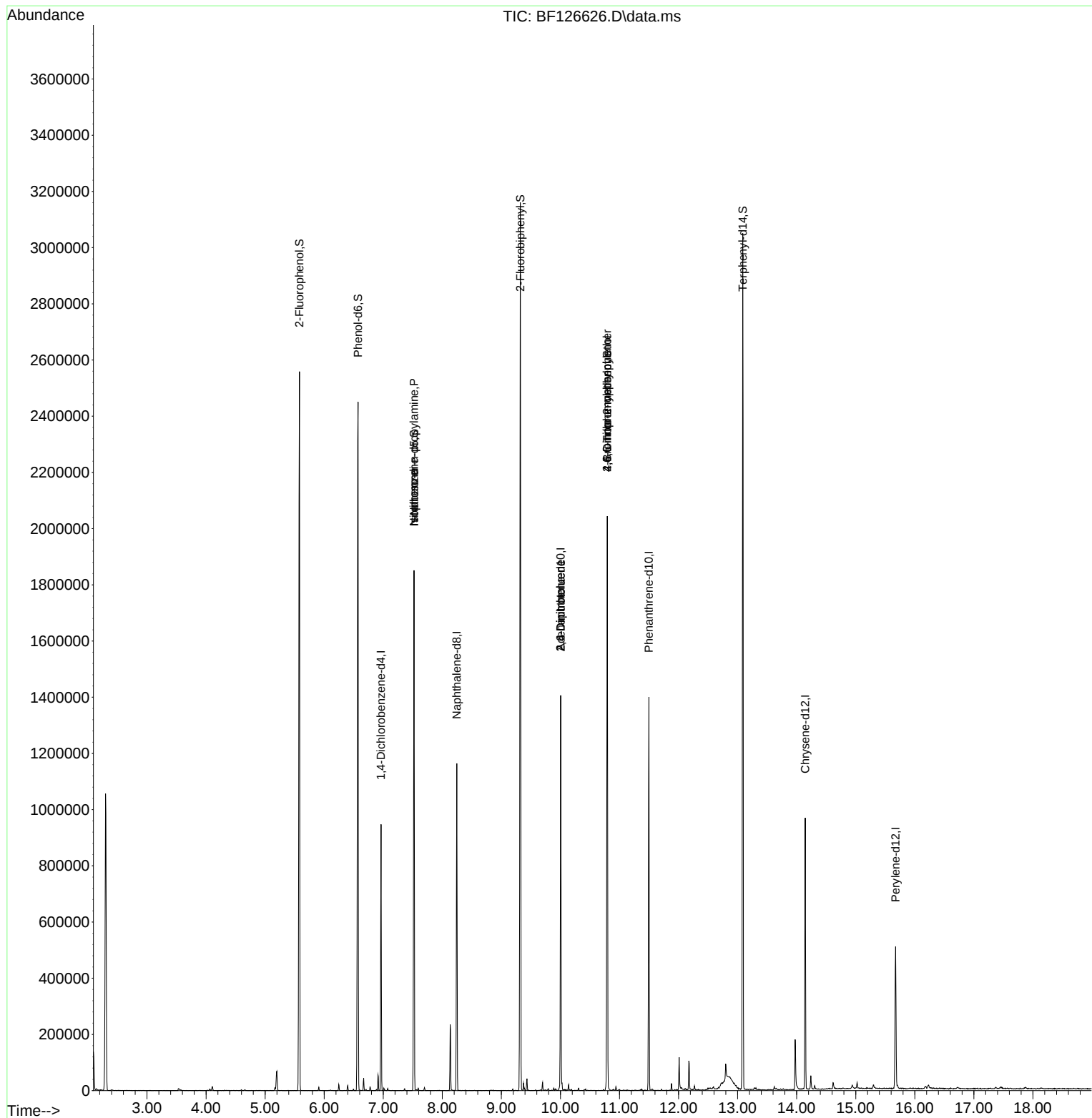
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113443	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	435184	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	243955	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	437112	20.000	ng	0.00
76) Chrysene-d12	14.145	240	293249	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	220078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	626166	72.633	ng	0.00
7) Phenol-d6	6.575	99	882034	73.639	ng	0.00
23) Nitrobenzene-d5	7.522	82	638270	57.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	187813	82.264	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	848193	53.248	ng	0.00
79) Terphenyl-d14	13.086	244	975727	55.808	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	1644	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	85528	9.784	ng	# 72
25) Isophorone	7.522	82	638258	29.601	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	30709	10.271	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	30709	8.476	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	526	7.585	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12794	2.540	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126626.D
Acq On : 20 Jan 2022 22:05
Operator : CG/JU
Sample : N1189-29
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

Quant Time: Jan 21 04:15:54 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

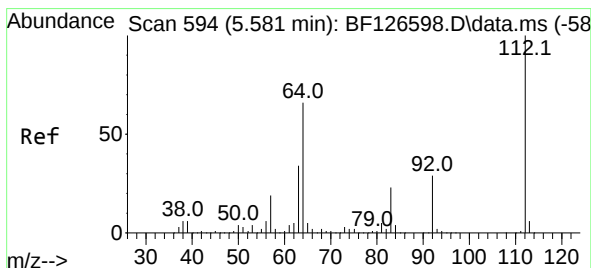
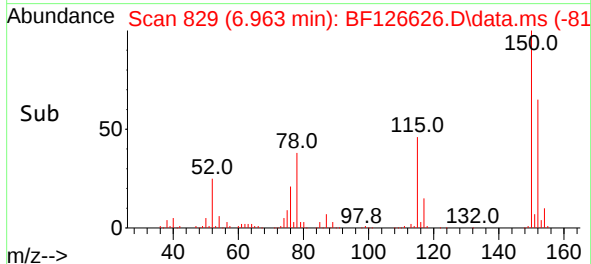
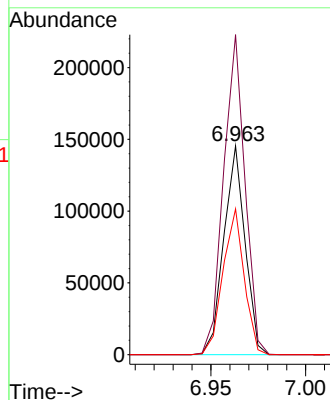
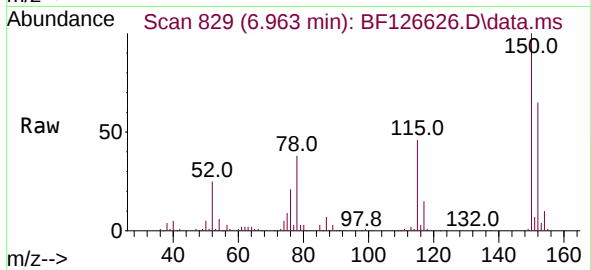




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

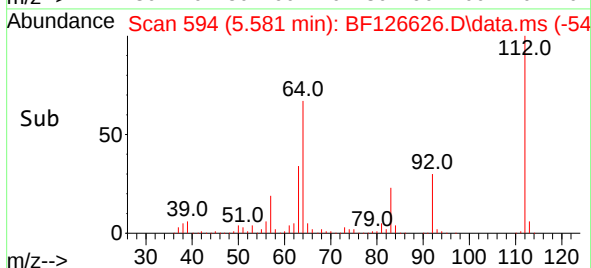
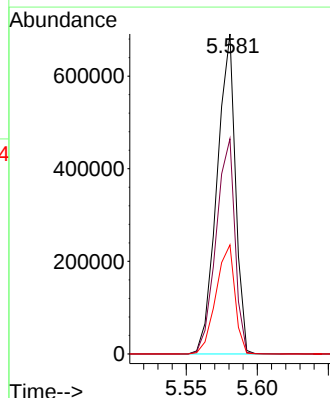
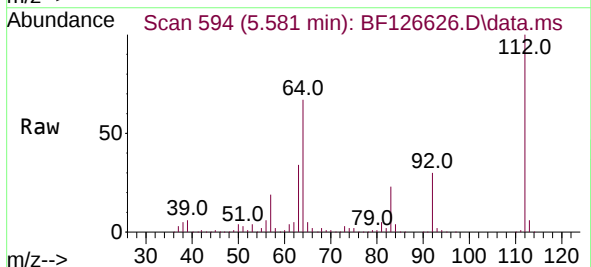
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

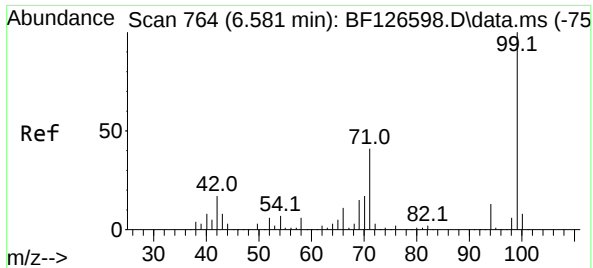
Tgt Ion:152 Resp: 113443
Ion Ratio Lower Upper
152 100
150 153.2 128.1 192.1
115 69.8 56.7 85.1



#5
2-Fluorophenol
Concen: 72.633 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Tgt Ion:112 Resp: 626166
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 34.1 23.9 35.9

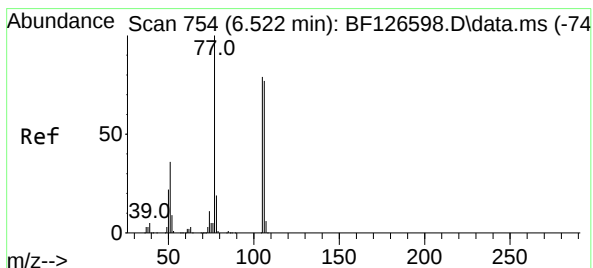
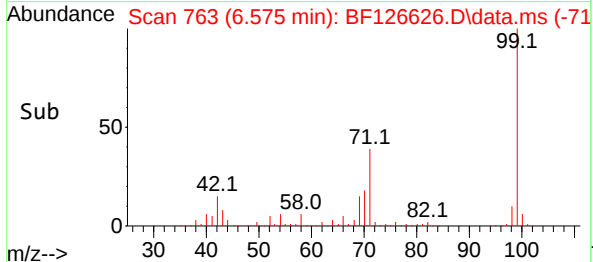
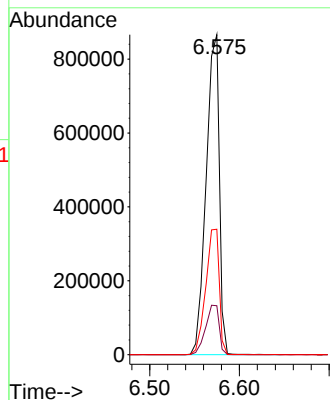
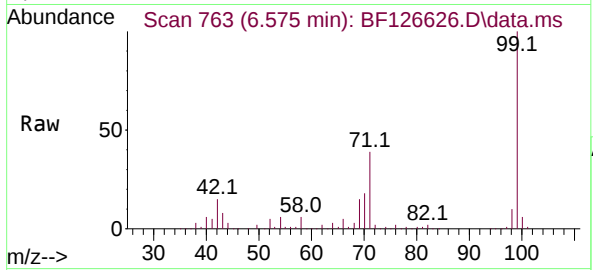




#7
Phenol-d6
Concen: 73.639 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

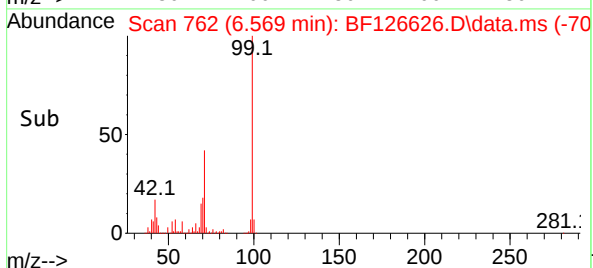
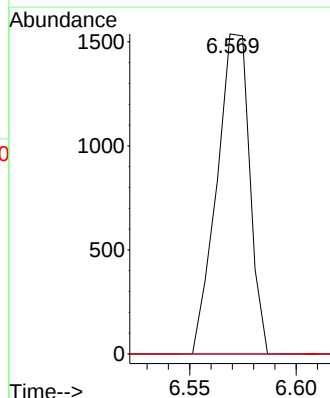
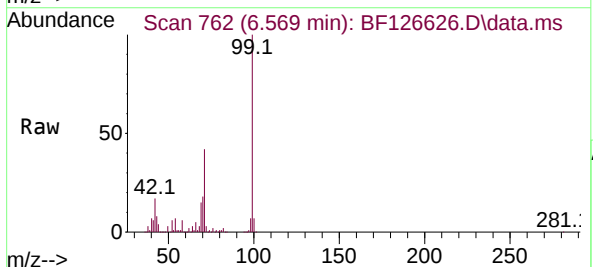
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

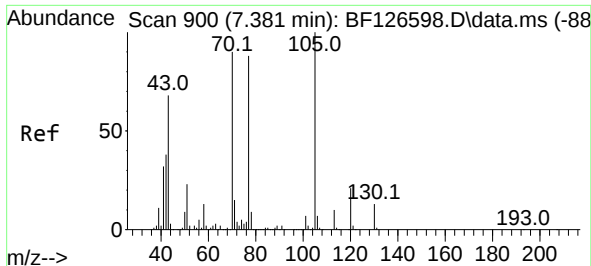
Tgt Ion: 99 Resp: 882034
Ion Ratio Lower Upper
99 100
42 15.3 14.2 21.4
71 39.2 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 762
Delta R.T. 0.047 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

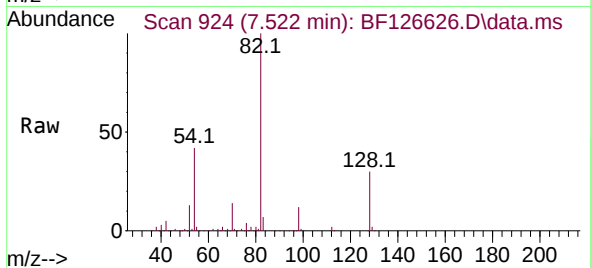
Tgt Ion: 77 Resp: 1644
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



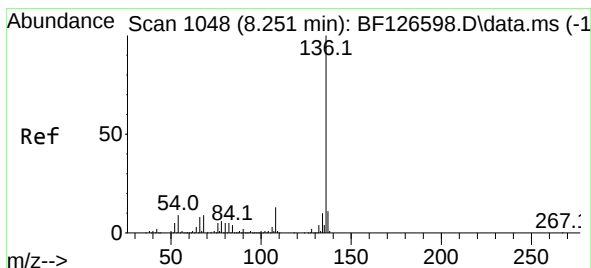
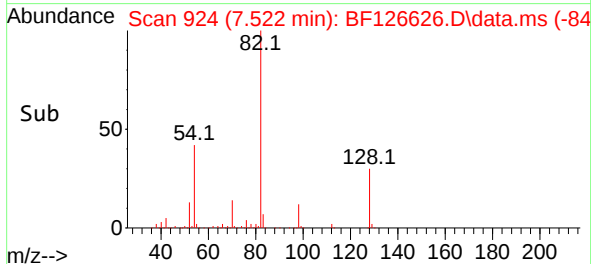
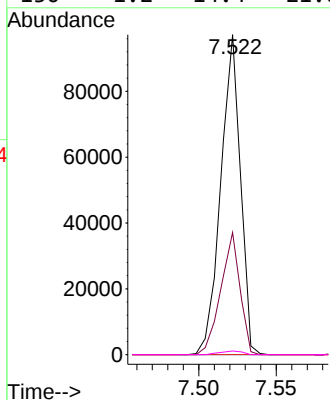


#19
n-Nitroso-di-n-propylamine
Concen: 9.784 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

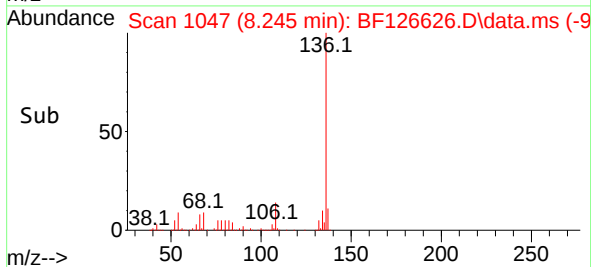
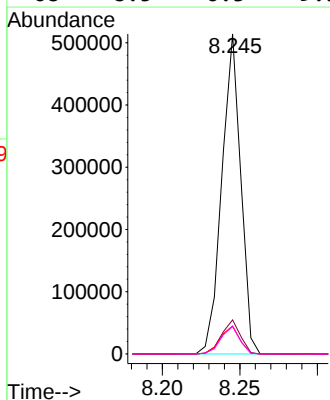
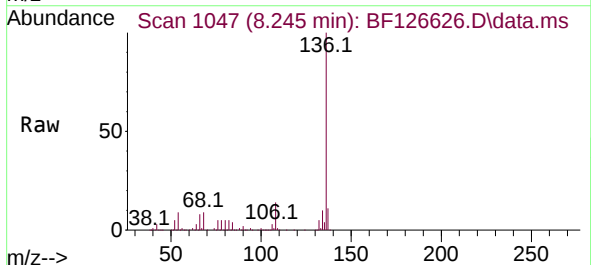


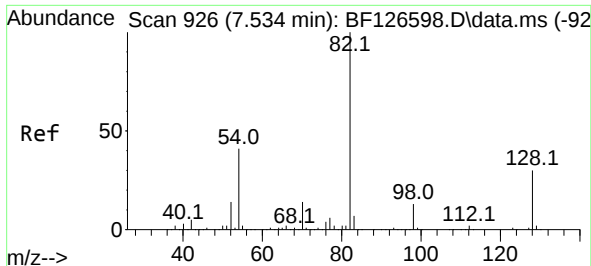
Tgt Ion: 70 Resp: 85528
Ion Ratio Lower Upper
70 100
42 38.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.2 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Tgt Ion: 136 Resp: 435184
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.8 11.6
68 8.5 6.3 9.5

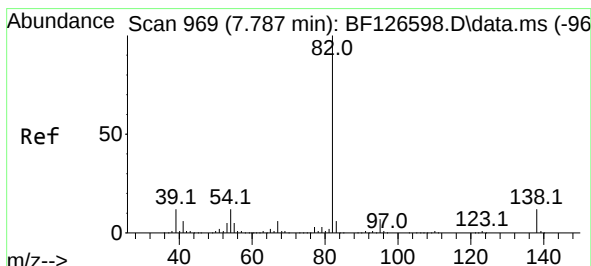
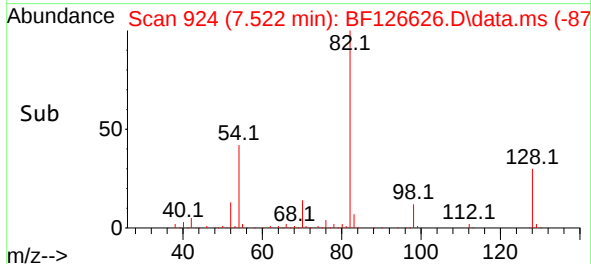
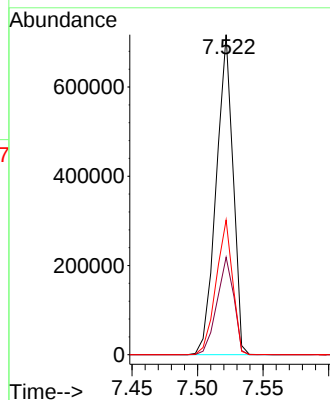
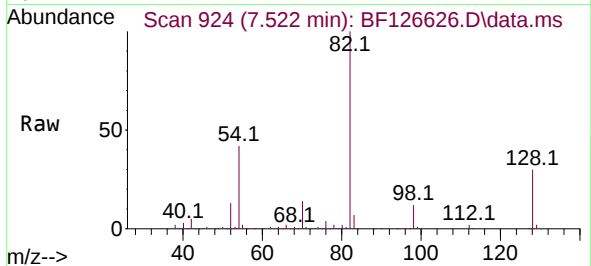




#23
Nitrobenzene-d5
Concen: 57.407 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

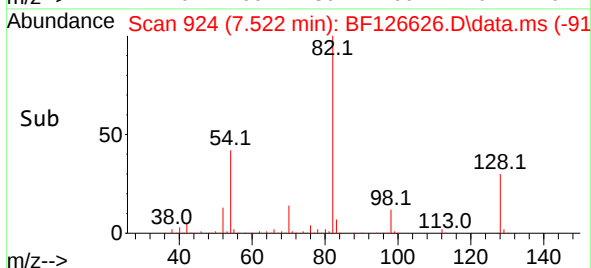
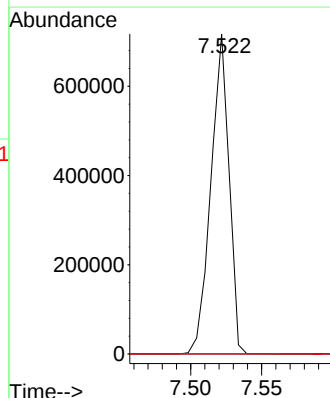
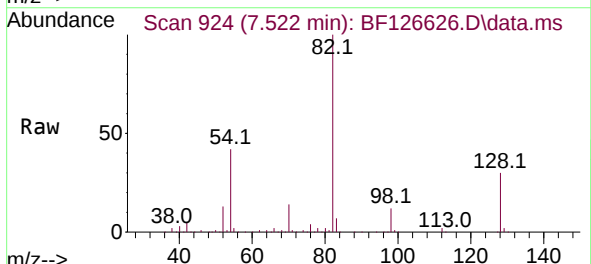
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

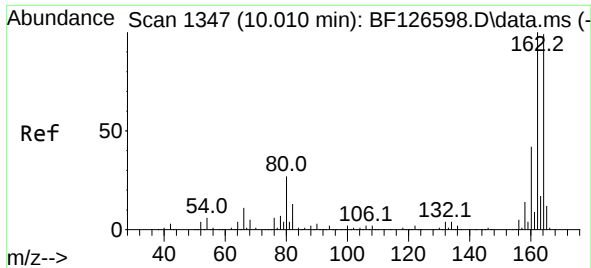
Tgt Ion: 82 Resp: 638270
Ion Ratio Lower Upper
82 100
128 30.4 32.7 49.1#
54 42.1 41.7 62.5



#25
Isophorone
Concen: 29.601 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Tgt Ion: 82 Resp: 638258
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

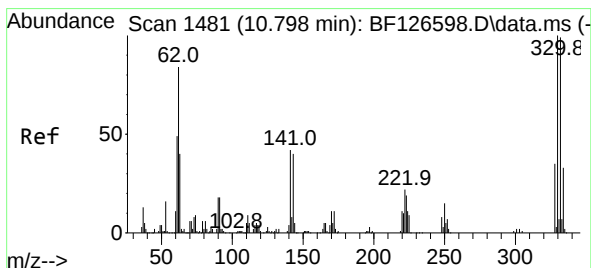
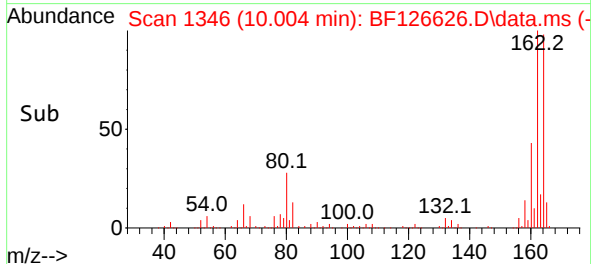
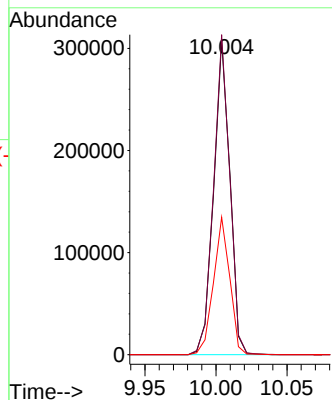
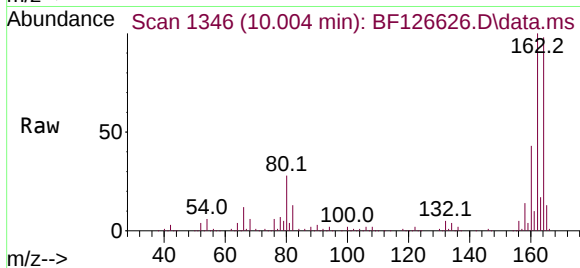




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

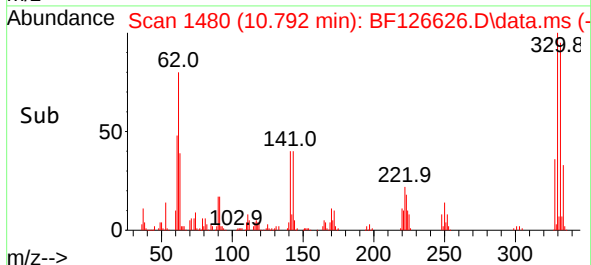
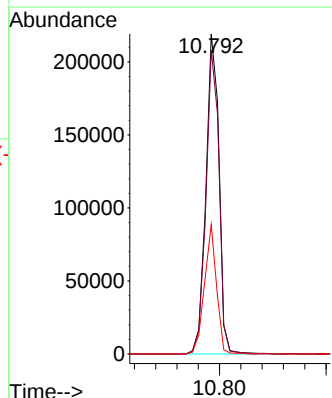
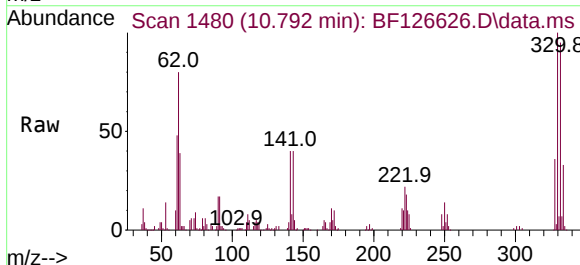
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

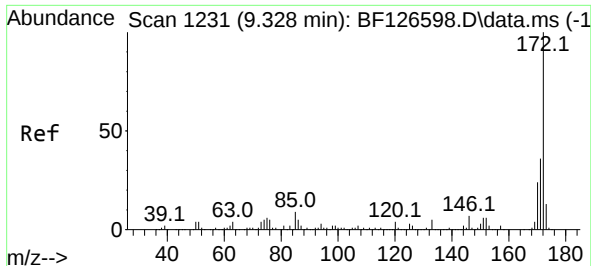
Tgt Ion:164 Resp: 243955
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 43.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 82.264 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Tgt Ion:330 Resp: 187813
Ion Ratio Lower Upper
330 100
332 94.4 76.0 114.0
141 37.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 53.248 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126626.D

Acq: 20 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-15

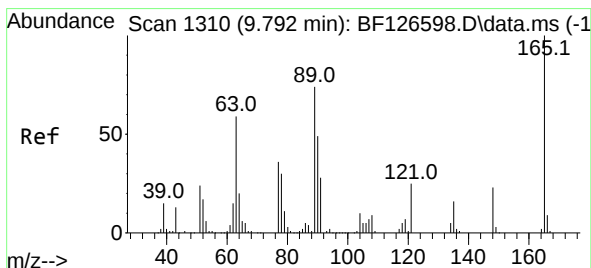
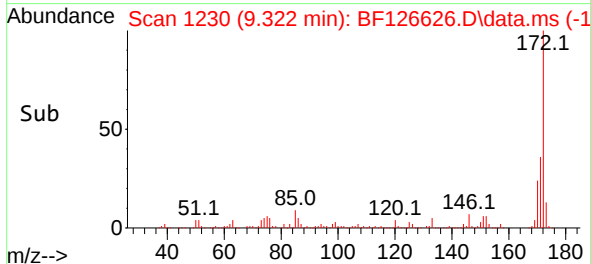
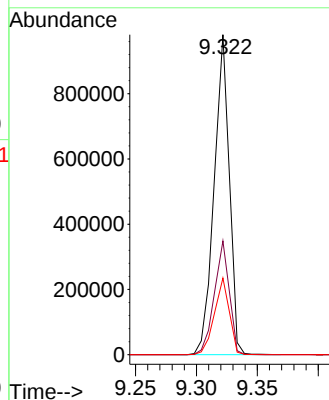
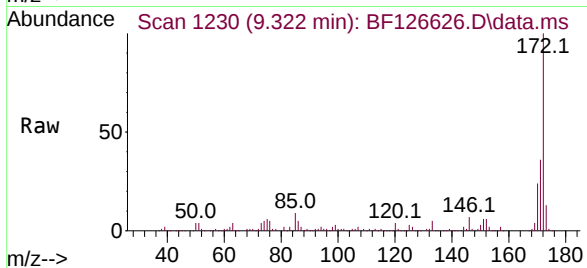
Tgt Ion:172 Resp: 848193

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.271 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126626.D

Acq: 20 Jan 2022 22:05

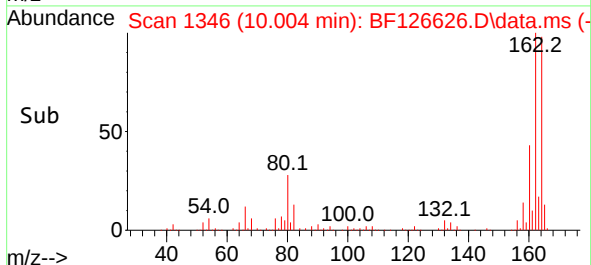
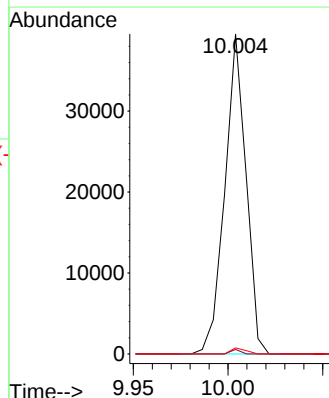
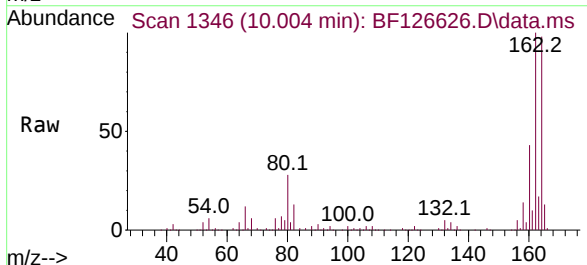
Tgt Ion:165 Resp: 30709

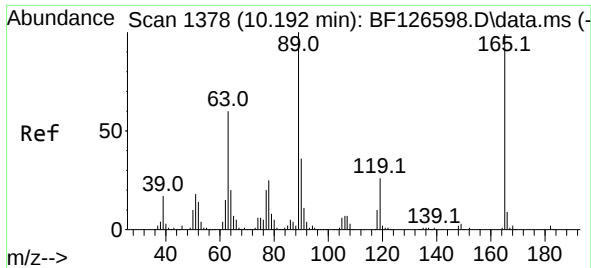
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.9 50.5 75.7#

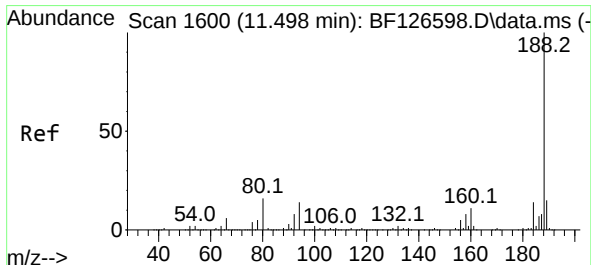
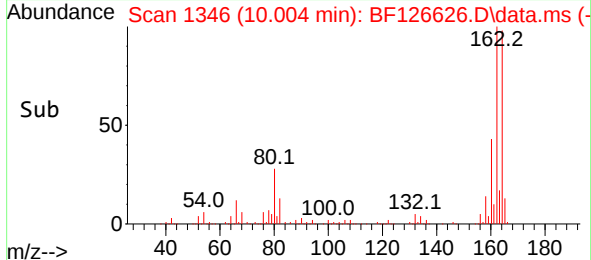
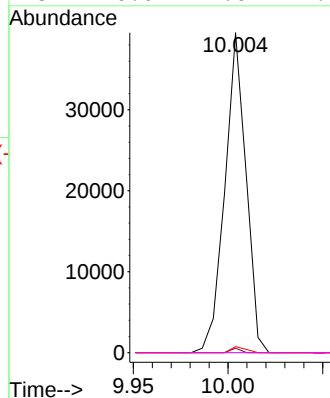
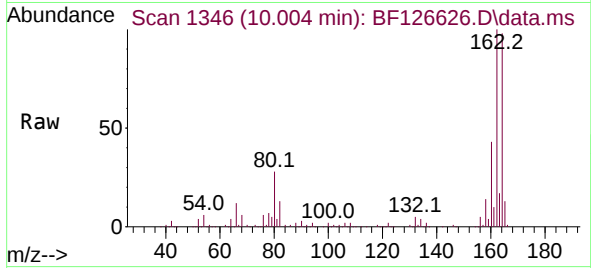




#57
2,4-Dinitrotoluene
Concen: 8.476 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

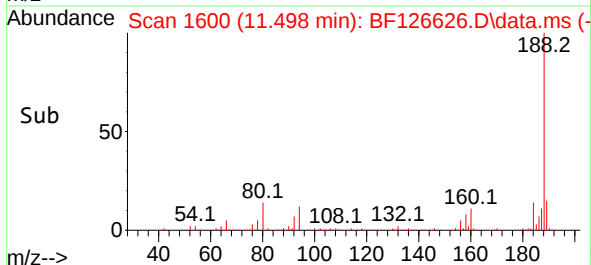
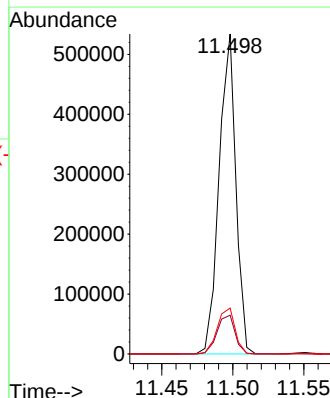
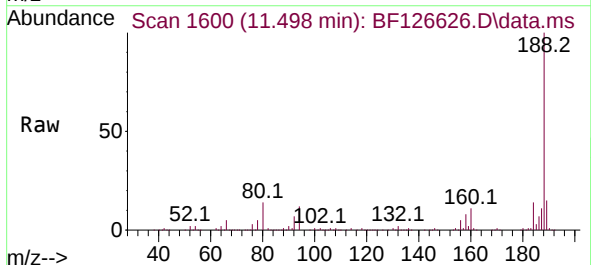
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

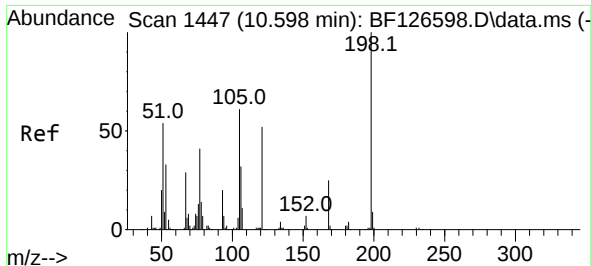
Tgt Ion:165 Resp: 30709
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Tgt Ion:188 Resp: 437112
Ion Ratio Lower Upper
188 100
94 12.1 10.1 15.1
80 14.4 11.8 17.6

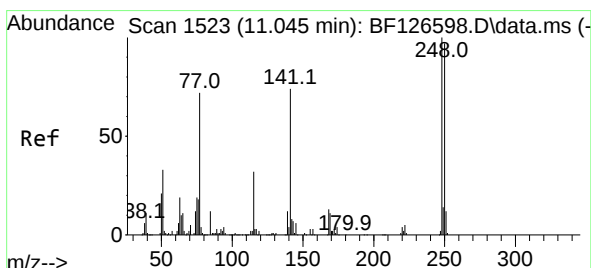
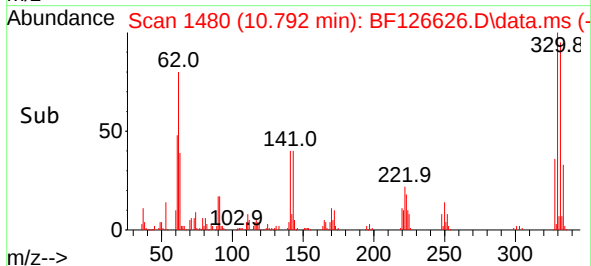
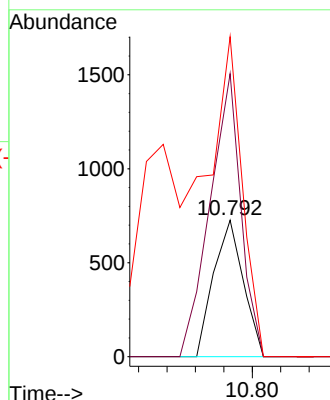
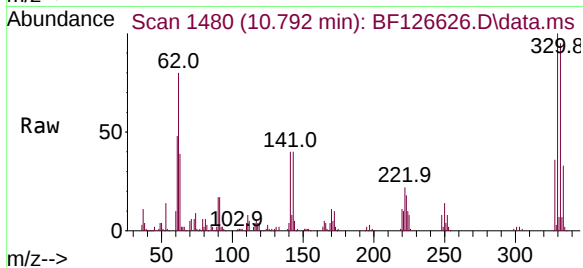




#65
4,6-Dinitro-2-methylphenol
Concen: 7.585 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

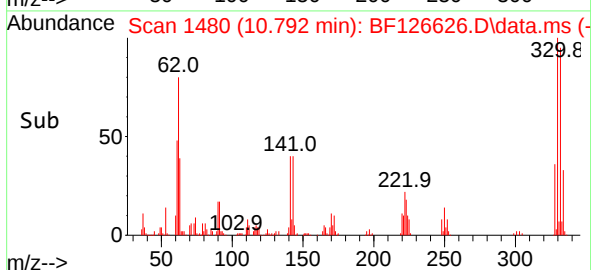
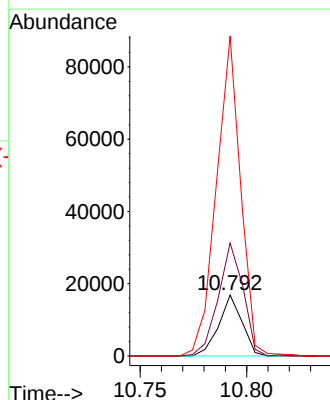
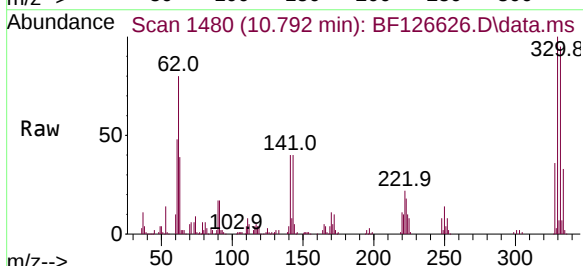
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-15

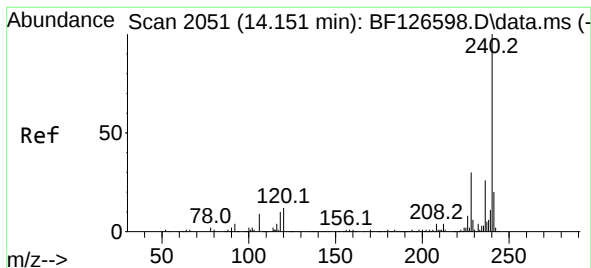
Tgt Ion:198 Resp: 526
Ion Ratio Lower Upper
198 100
51 207.4 32.0 72.0#
105 234.6 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.540 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126626.D
Acq: 20 Jan 2022 22:05

Tgt Ion:248 Resp: 12794
Ion Ratio Lower Upper
248 100
250 185.2 76.2 114.4#
141 525.1 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: BF126626.D

Acq: 20 Jan 2022 22:05

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-15

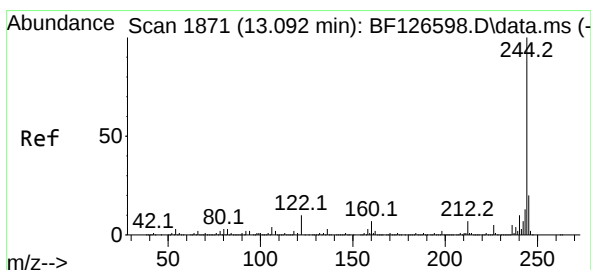
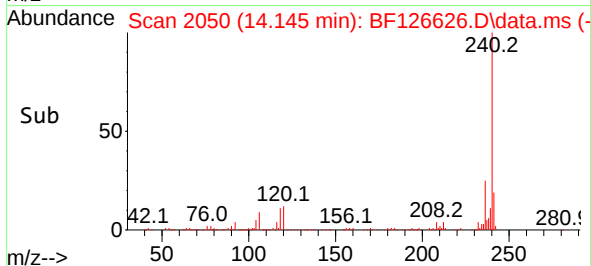
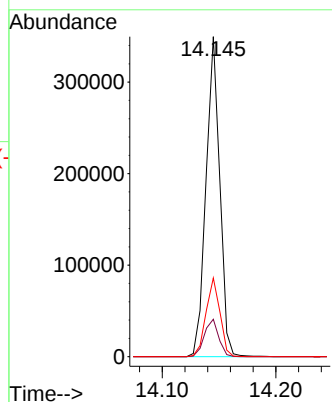
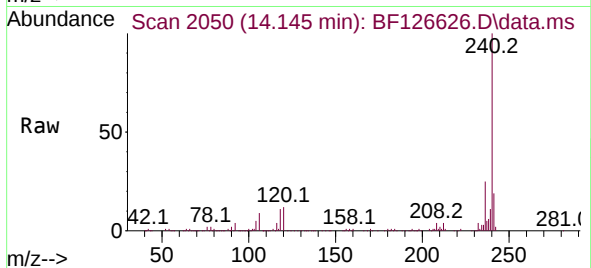
Tgt Ion:240 Resp: 293249

Ion Ratio Lower Upper

240 100

120 11.7 14.4 21.6#

236 24.6 20.5 30.7



#79

Terphenyl-d14

Concen: 55.808 ng

RT: 13.086 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BF126626.D

Acq: 20 Jan 2022 22:05

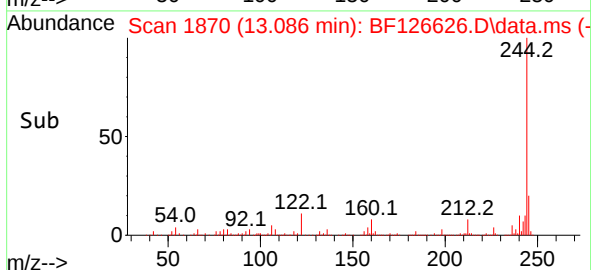
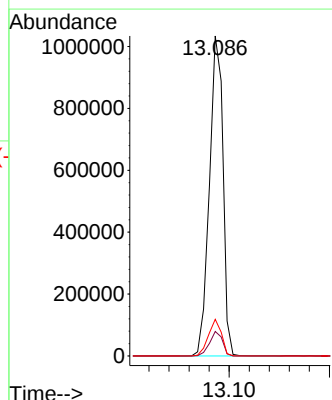
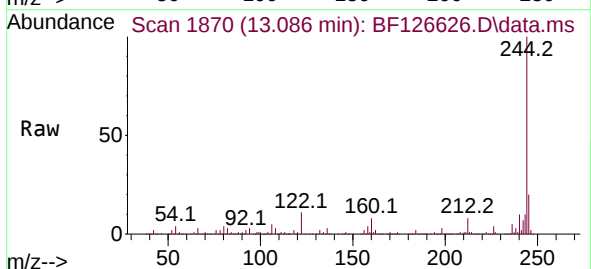
Tgt Ion:244 Resp: 975727

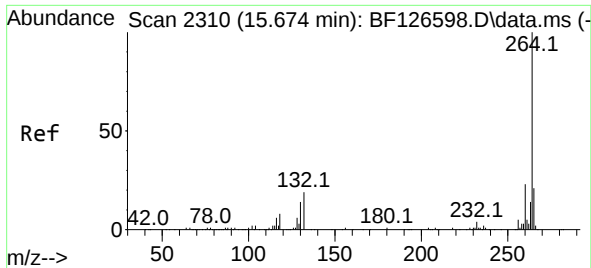
Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

122 11.5 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: BF126626.D
 Acq: 20 Jan 2022 22:05

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-15

Tgt Ion:264	Resp:	220078
Ion	Ratio	Lower Upper
264	100	
260	23.6	19.2 28.8
265	20.8	17.4 26.2

