

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126619.D
 Acq On : 20 Jan 2022 18:59
 Operator : CG/JU
 Sample : N1189-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-8

Quant Time: Jan 21 04:14:51 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)

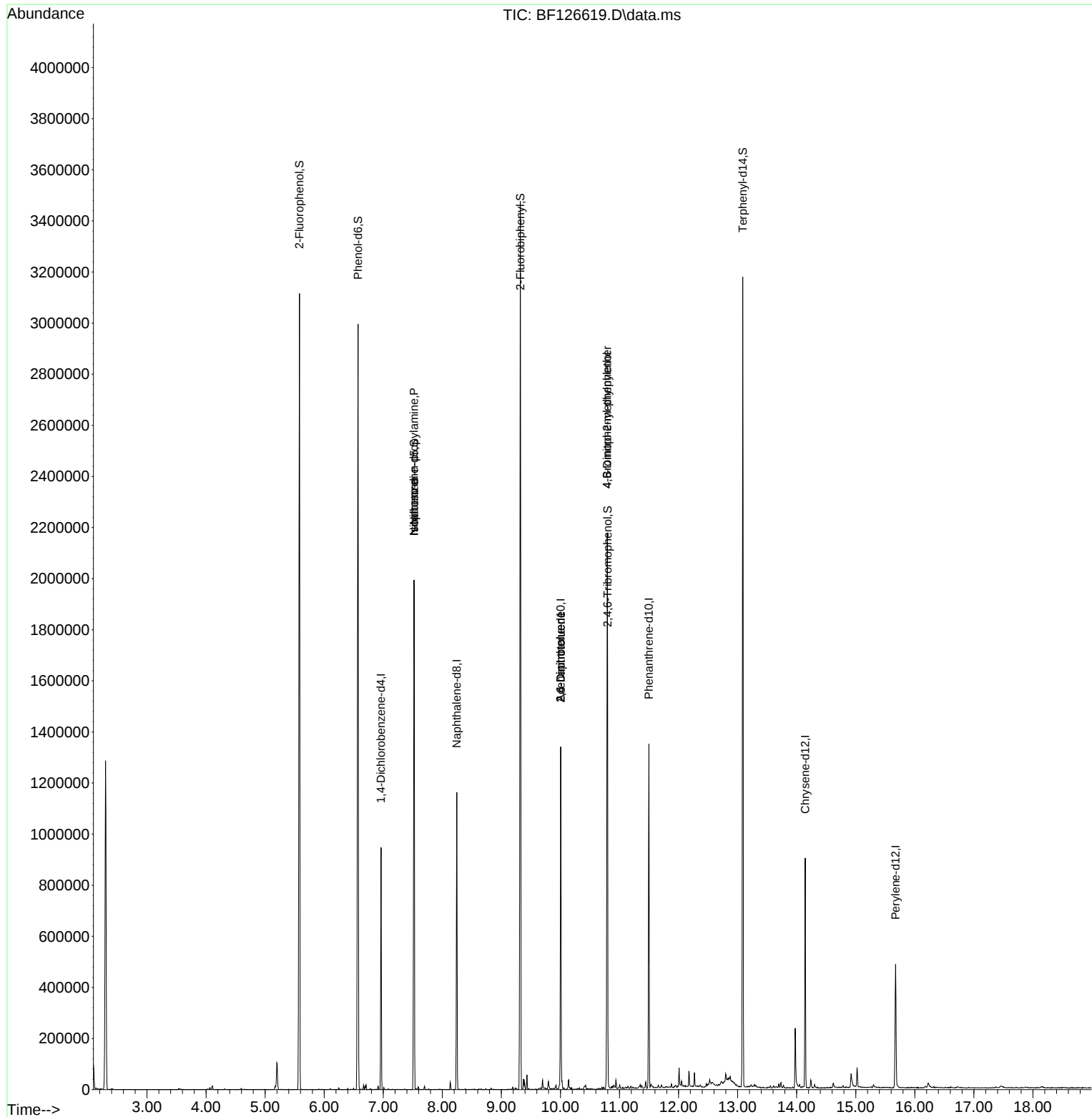
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	110174	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	432198	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	240497	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	413147	20.000	ng	0.00
76) Chrysene-d12	14.145	240	262102	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	211044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	779801	93.138	ng	0.00
7) Phenol-d6	6.575	99	1073442	92.279	ng	0.00
23) Nitrobenzene-d5	7.522	82	771396	69.860	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	216334	96.119	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	967812	61.631	ng	0.00
79) Terphenyl-d14	13.086	244	996473	63.767	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2378	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	105269	12.399	ng	# 69
25) Isophorone	7.522	82	771386	36.022	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	30814	10.454	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	30814	8.627	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	511	7.591	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	14621	3.071	ng	# 1

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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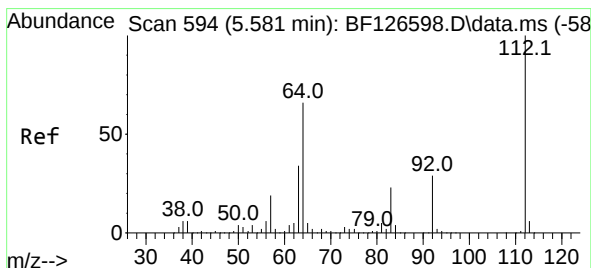
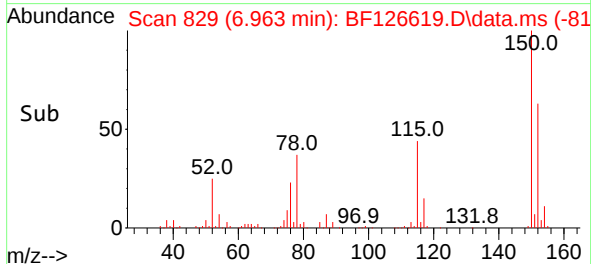
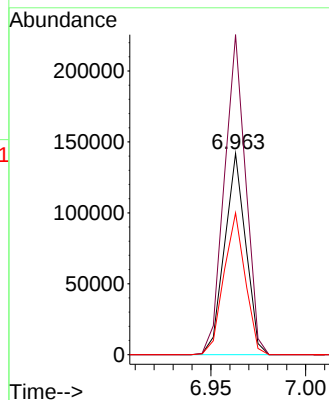
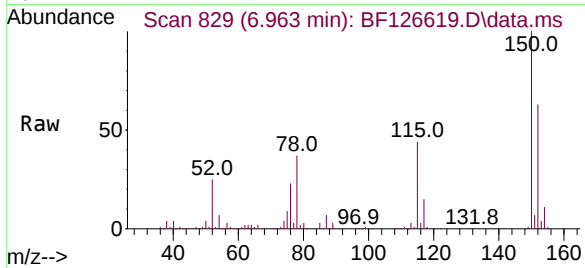




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

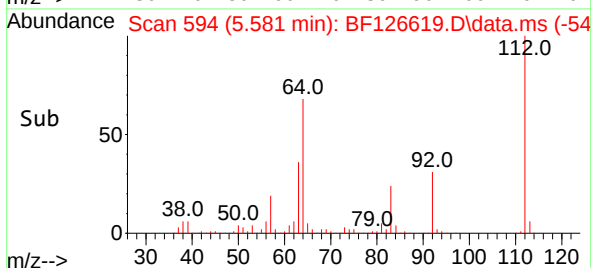
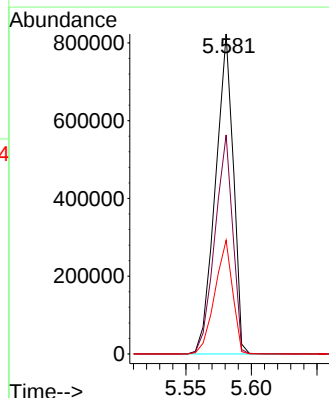
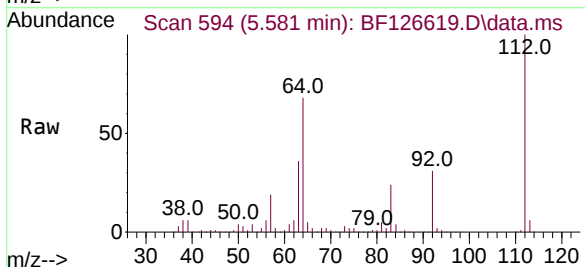
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-8

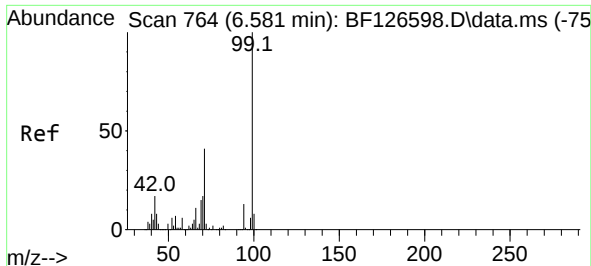
Tgt Ion:152 Resp: 110174
 Ion Ratio Lower Upper
 152 100
 150 159.0 128.1 192.1
 115 70.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 93.138 ng
 RT: 5.581 min Scan# 594
 Delta R.T. -0.000 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

Tgt Ion:112 Resp: 779801
 Ion Ratio Lower Upper
 112 100
 64 68.5 49.5 74.3
 63 35.6 23.9 35.9





#7

Phenol-d6

Concen: 92.279 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF126619.D

Acq: 20 Jan 2022 18:59

Instrument :

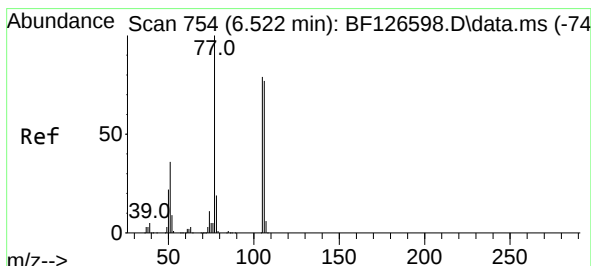
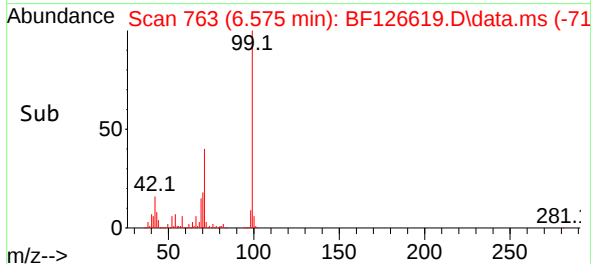
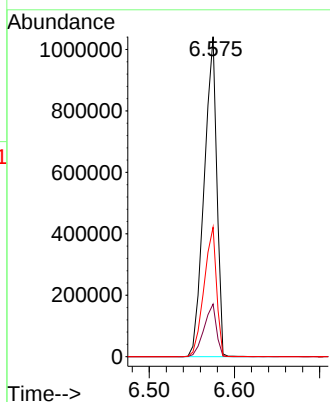
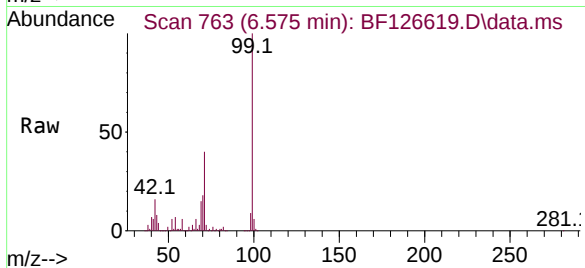
BNA_F

ClientSampleId :

MTR-SOIL-8

Tgt Ion: 99 Resp: 1073442

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.4
71	40.4	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

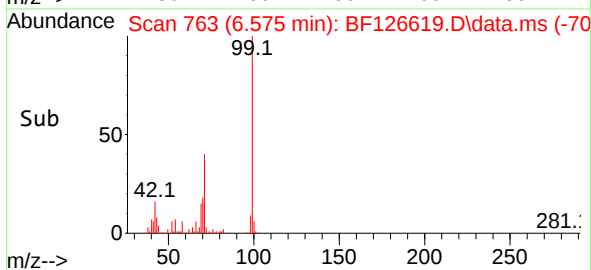
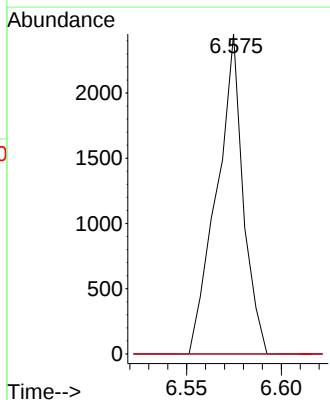
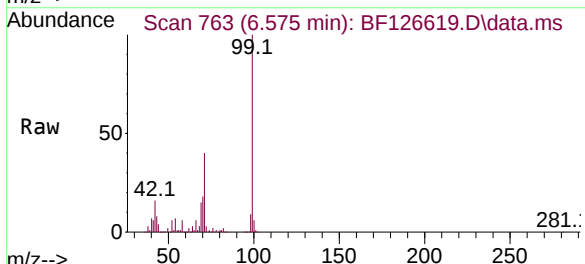
Delta R.T. 0.053 min

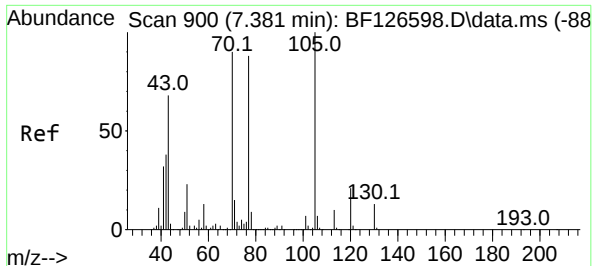
Lab File: BF126619.D

Acq: 20 Jan 2022 18:59

Tgt Ion: 77 Resp: 2378

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: 12.399 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126619.D

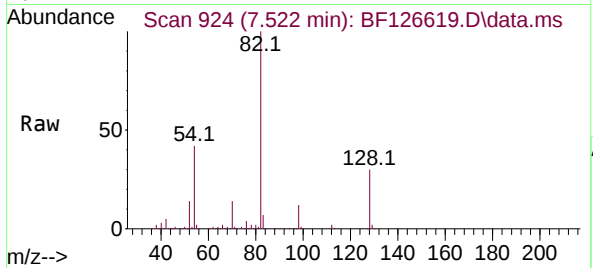
Acq: 20 Jan 2022 18:59

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-8



Tgt Ion: 70 Resp: 105269

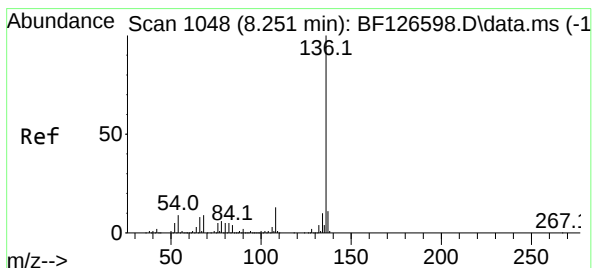
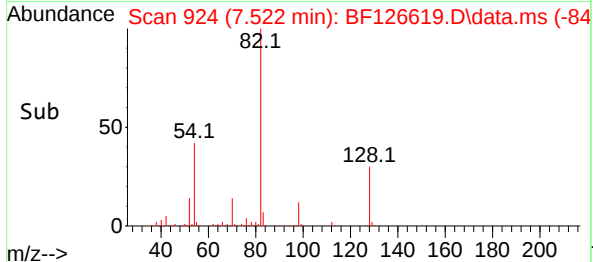
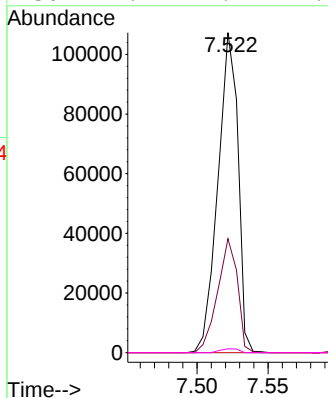
Ion Ratio Lower Upper

70 100

42 35.6 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: BF126619.D

Acq: 20 Jan 2022 18:59

Tgt Ion: 136 Resp: 432198

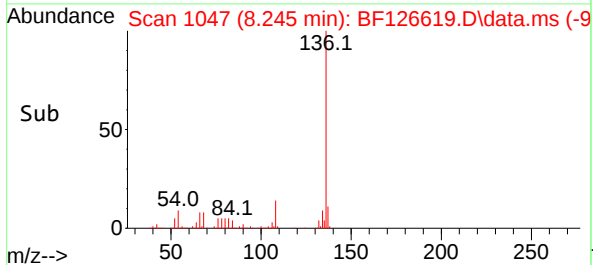
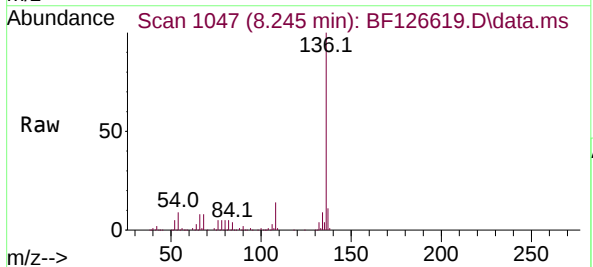
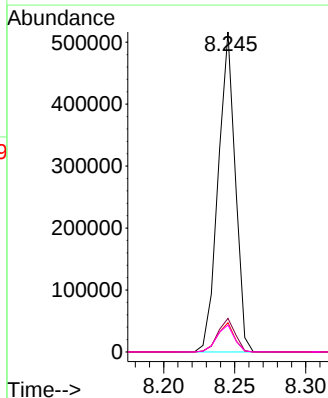
Ion Ratio Lower Upper

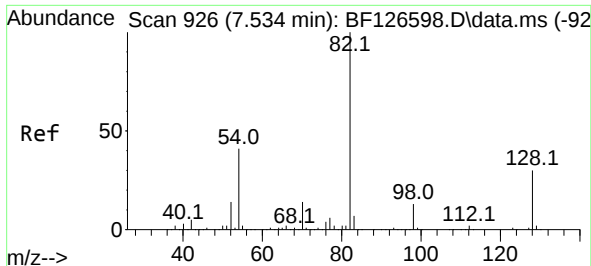
136 100

137 10.5 8.6 13.0

54 9.2 7.8 11.6

68 8.4 6.3 9.5

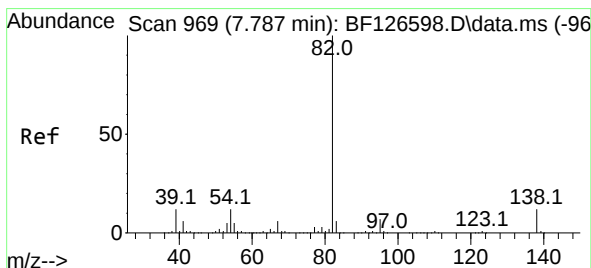
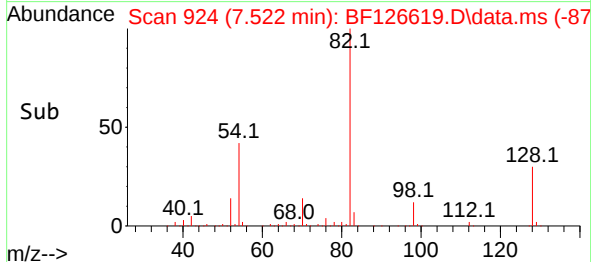
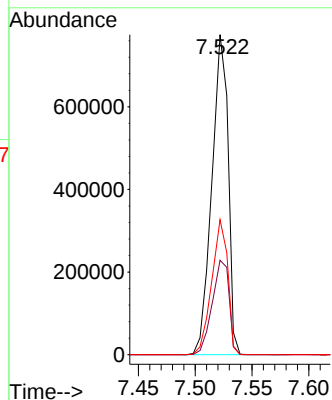
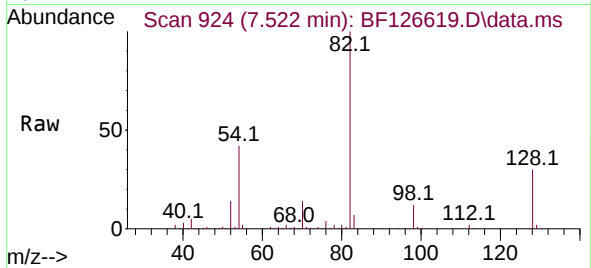




#23
Nitrobenzene-d5
Concen: 69.860 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

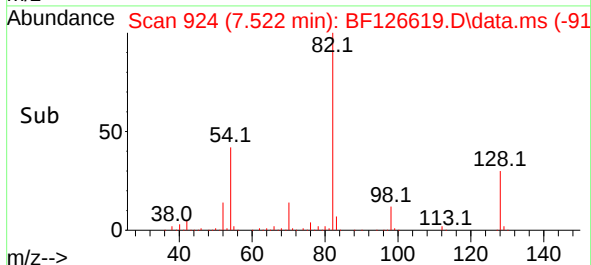
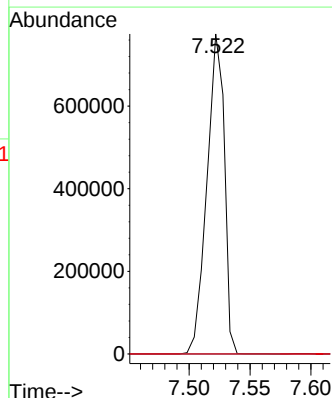
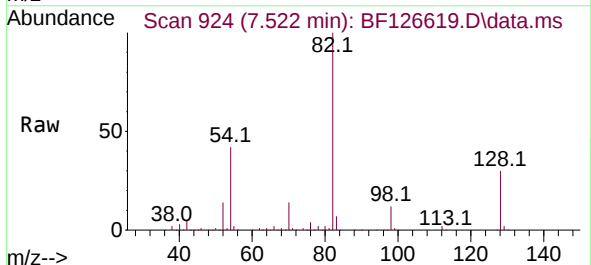
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

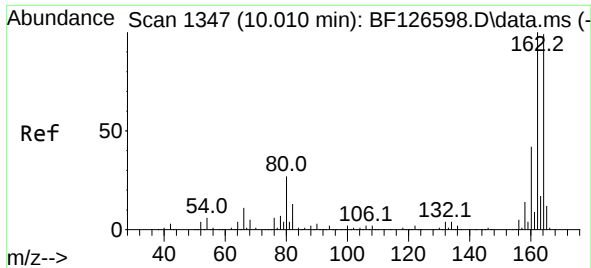
Tgt Ion: 82 Resp: 771396
Ion Ratio Lower Upper
82 100
128 29.5 32.7 49.1#
54 42.2 41.7 62.5



#25
Isophorone
Concen: 36.022 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

Tgt Ion: 82 Resp: 771386
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

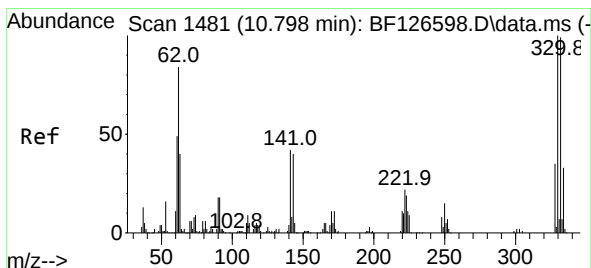
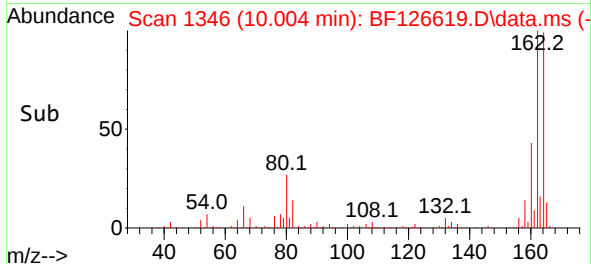
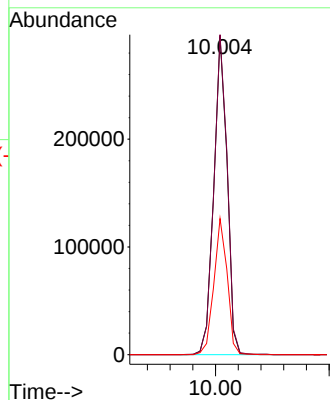
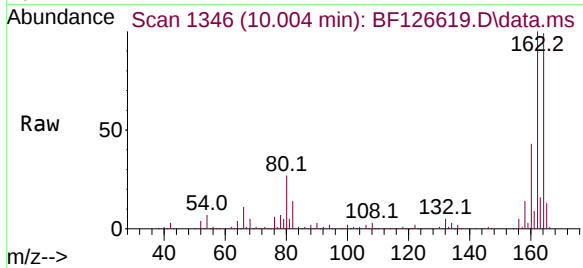




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

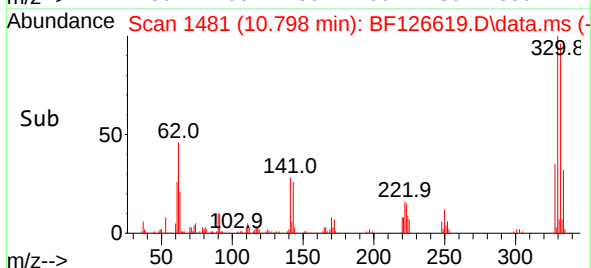
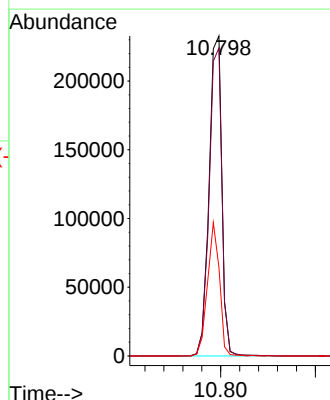
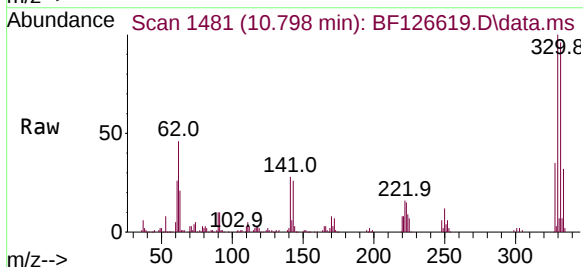
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

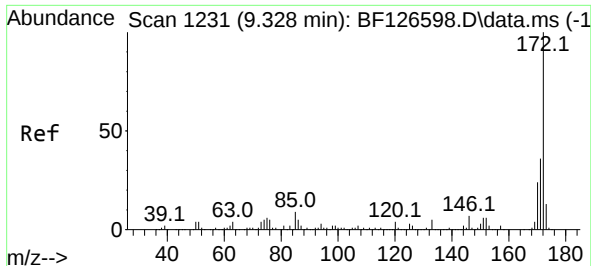
Tgt Ion:164 Resp: 240497
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 42.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 96.119 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

Tgt Ion:330 Resp: 216334
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 39.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.631 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126619.D

Acq: 20 Jan 2022 18:59

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-8

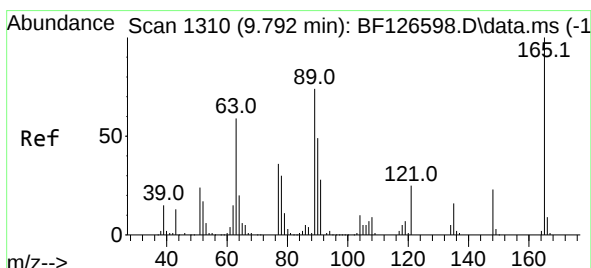
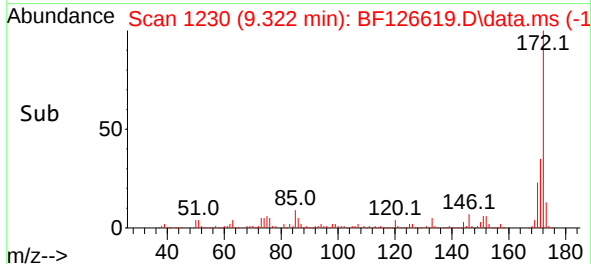
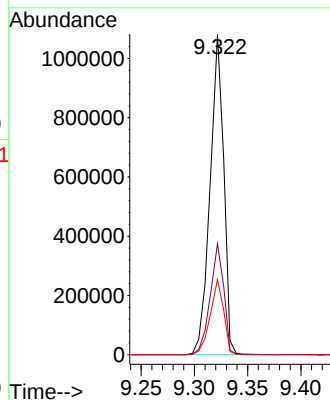
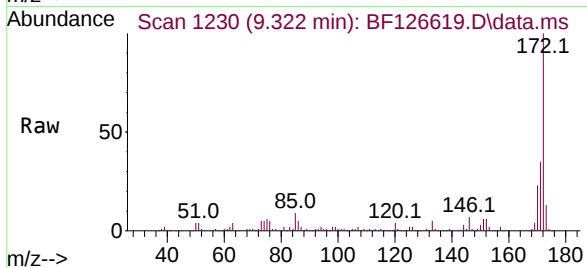
Tgt Ion:172 Resp: 967812

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.454 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126619.D

Acq: 20 Jan 2022 18:59

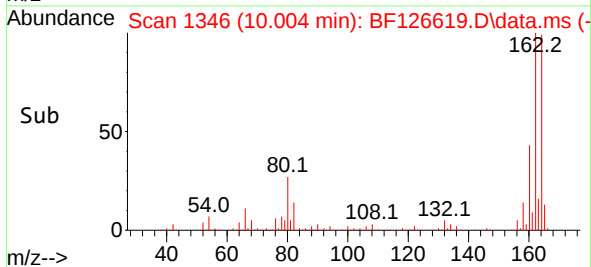
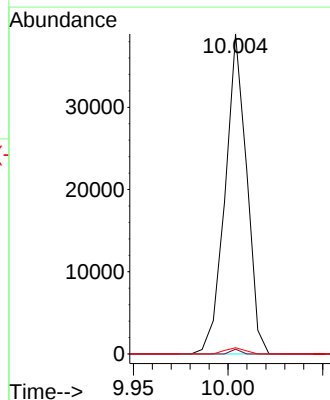
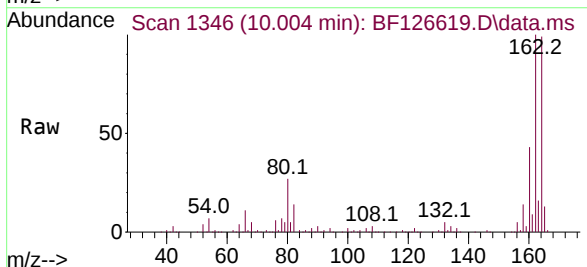
Tgt Ion:165 Resp: 30814

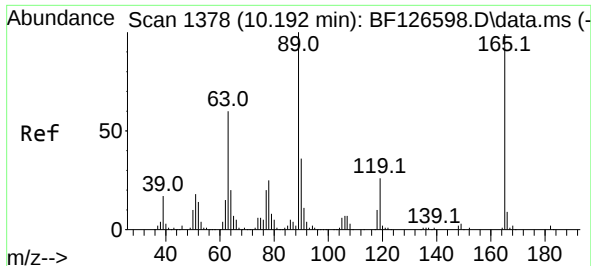
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.9 50.5 75.7#

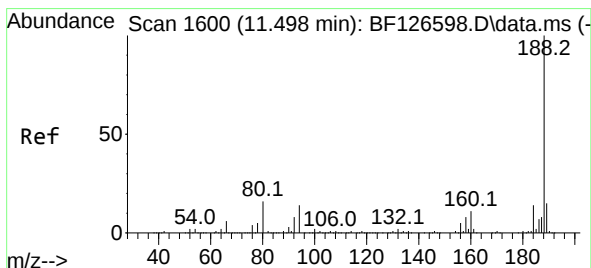
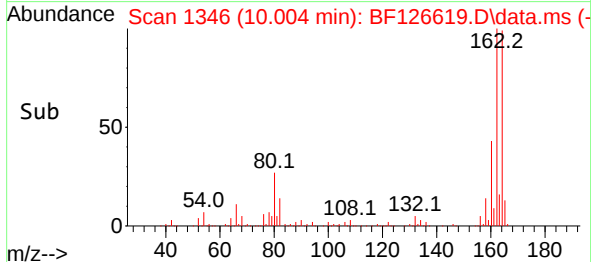
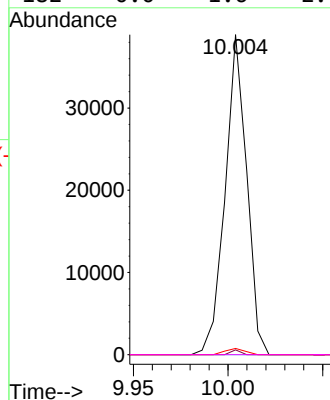
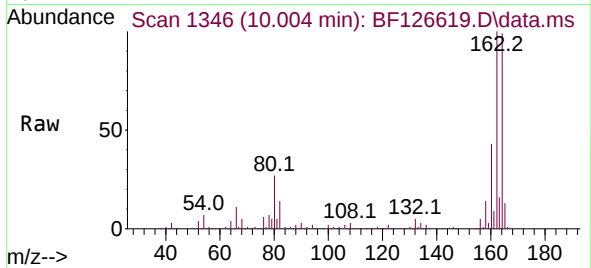




#57
2,4-Dinitrotoluene
Concen: 8.627 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

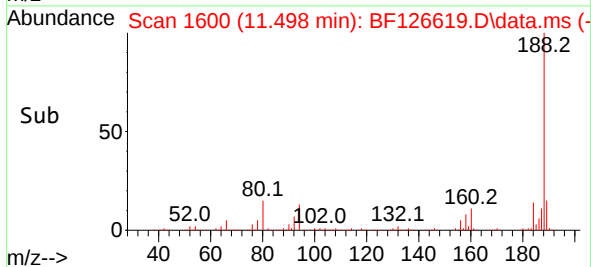
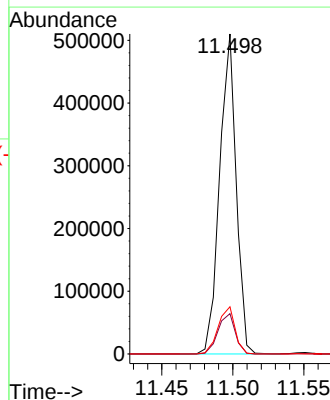
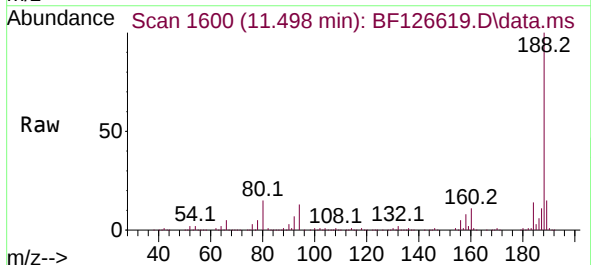
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

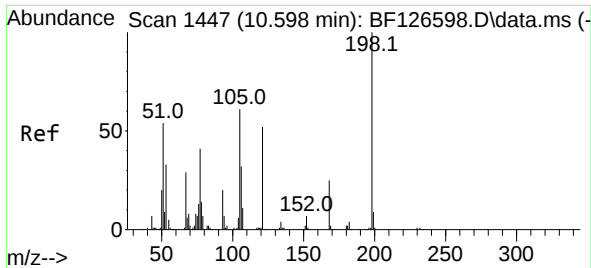
Tgt Ion:165 Resp: 30814
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

Tgt Ion:188 Resp: 413147
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 14.7 11.8 17.6

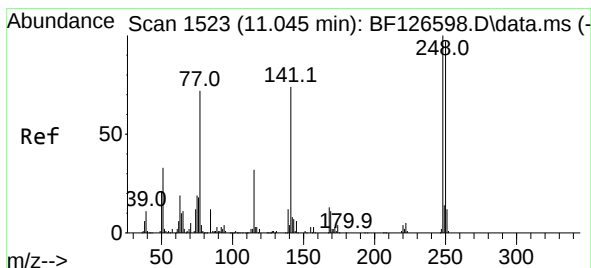
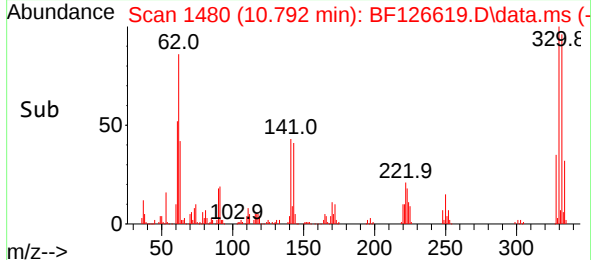
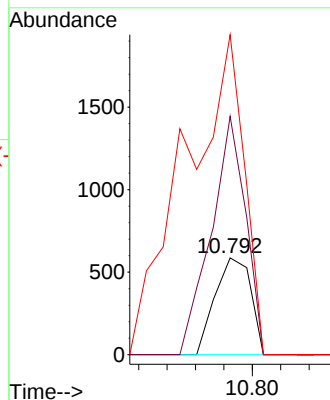
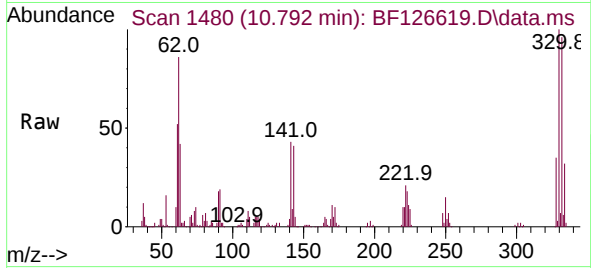




#65
4,6-Dinitro-2-methylphenol
Concen: 7.591 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

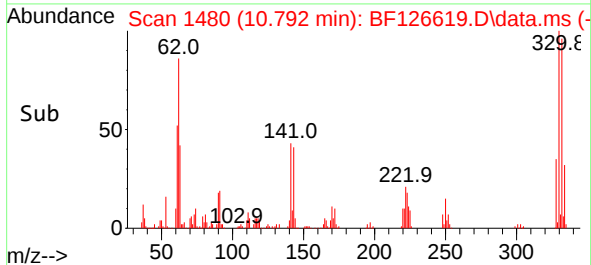
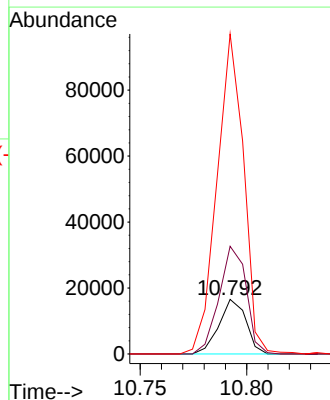
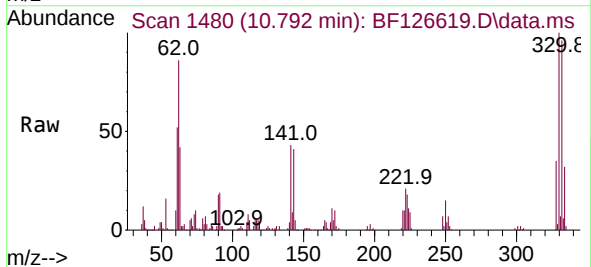
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

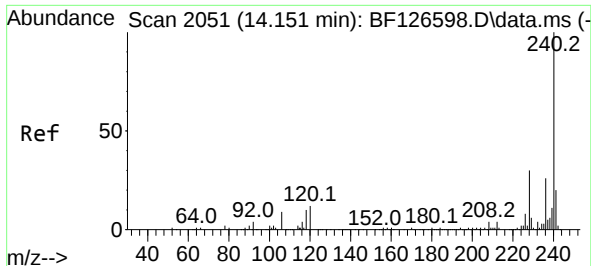
Tgt Ion:198 Resp: 511
Ion Ratio Lower Upper
198 100
51 246.2 32.0 72.0#
105 330.3 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

Tgt Ion:248 Resp: 14621
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.4#
141 587.1 66.2 99.4#

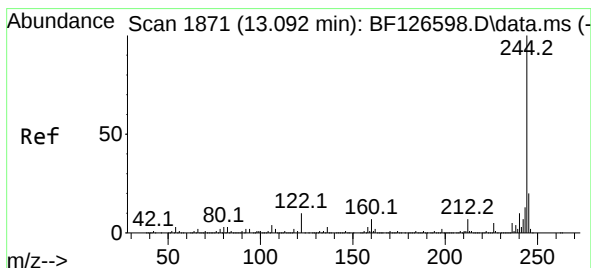
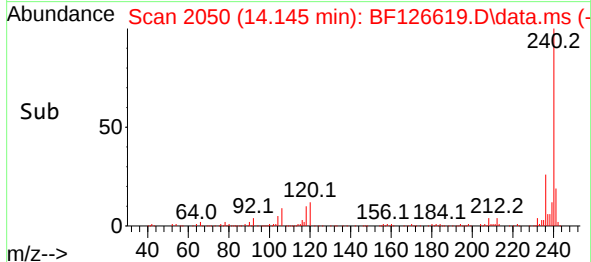
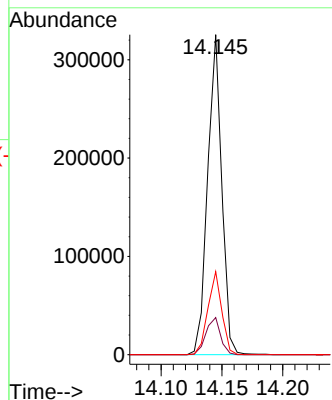
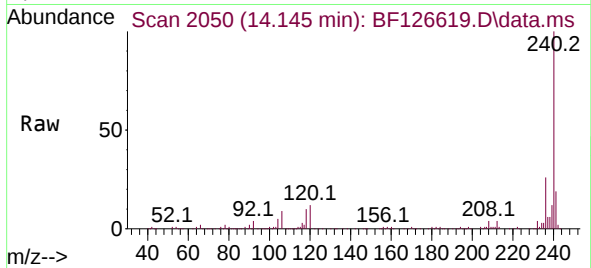




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

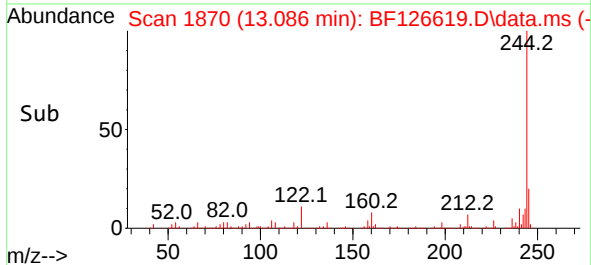
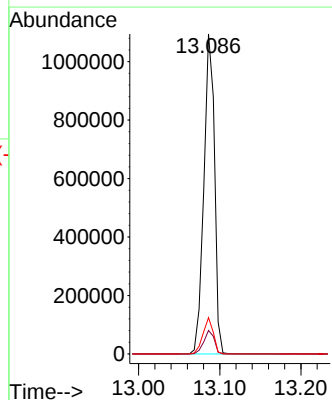
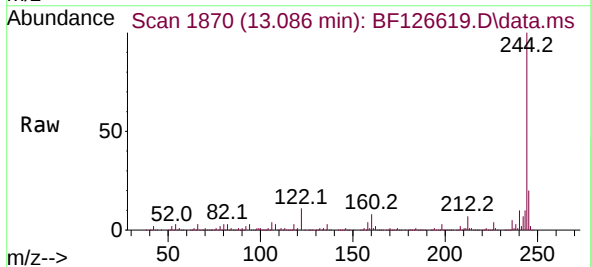
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

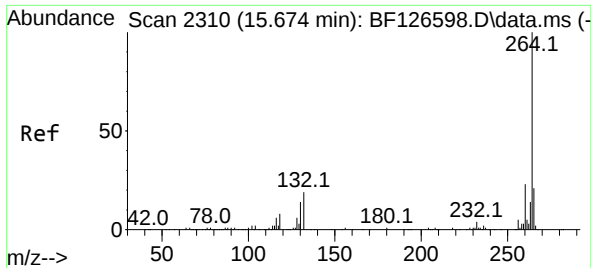
Tgt Ion:240 Resp: 262102
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 63.767 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

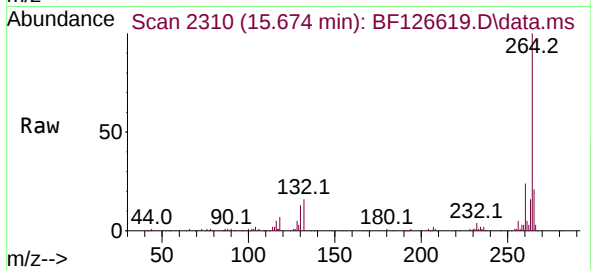
Tgt Ion:244 Resp: 996473
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 11.4 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-8



Tgt Ion:264 Resp: 211044

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.6	17.4	26.2

