

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126622.D
 Acq On : 20 Jan 2022 20:19
 Operator : CG/JU
 Sample : N1189-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-11

Quant Time: Jan 21 04:15:18 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)

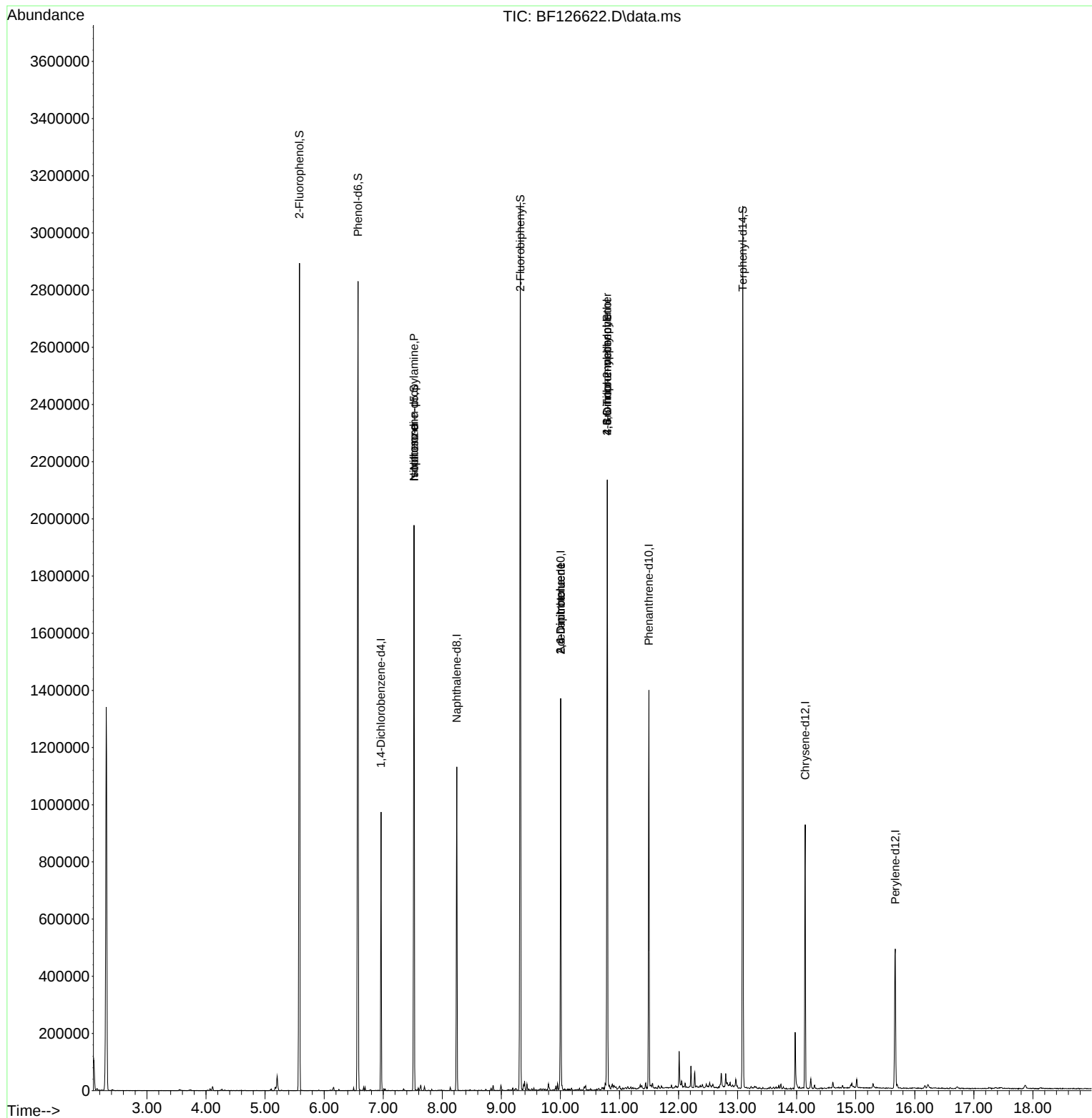
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	112483	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	433847	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	242629	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	427489	20.000	ng	0.00
76) Chrysene-d12	14.145	240	293681	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	224724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	733180	85.772	ng	0.00
7) Phenol-d6	6.575	99	990021	83.360	ng	0.00
23) Nitrobenzene-d5	7.522	82	717837	64.762	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	208512	91.830	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	845130	53.345	ng	0.00
79) Terphenyl-d14	13.086	244	948944	54.196	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2156	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	98422	11.355	ng	# 69
25) Isophorone	7.522	82	717826	33.394	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	30357	10.209	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	30357	8.425	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	461	7.563	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	14529	2.949	ng	# 1

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

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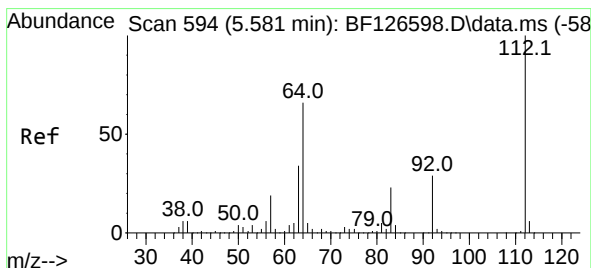
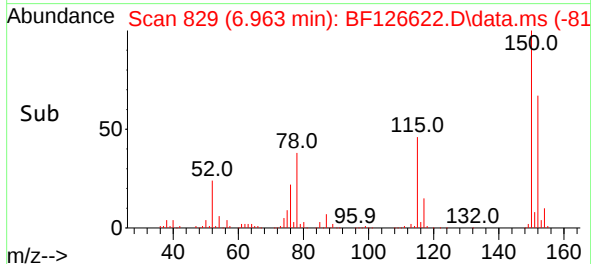
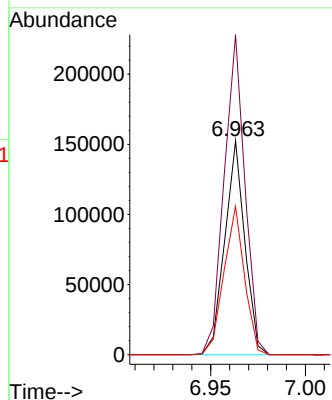
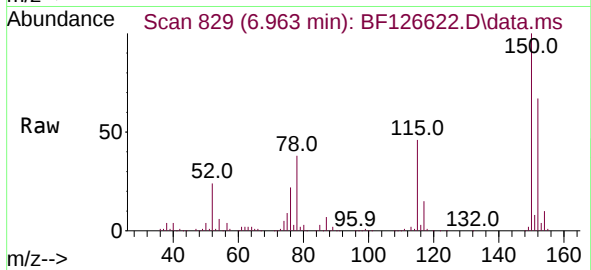




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

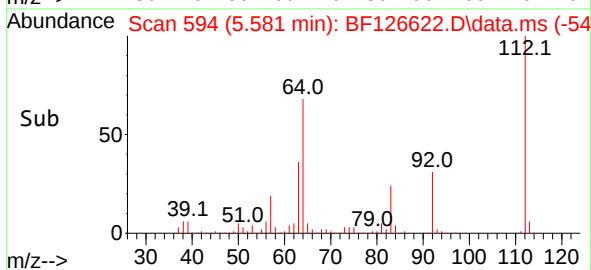
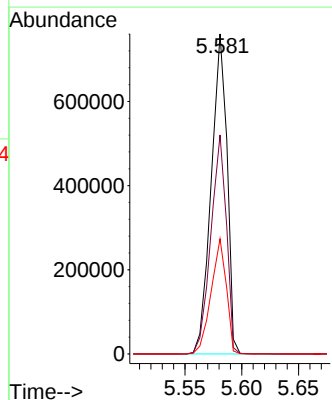
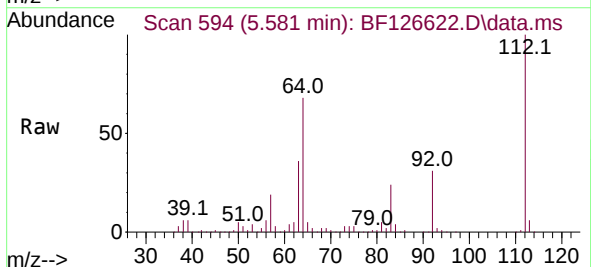
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-11

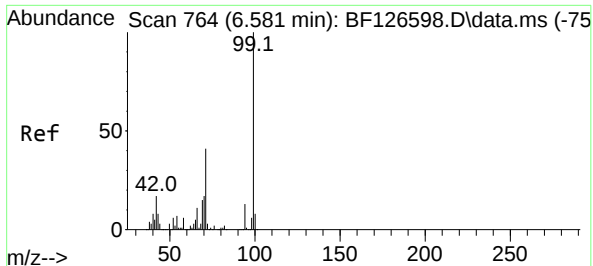
Tgt Ion:152 Resp: 112483
Ion Ratio Lower Upper
152 100
150 149.6 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 85.772 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.000 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

Tgt Ion:112 Resp: 733180
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 36.0 23.9 35.9#

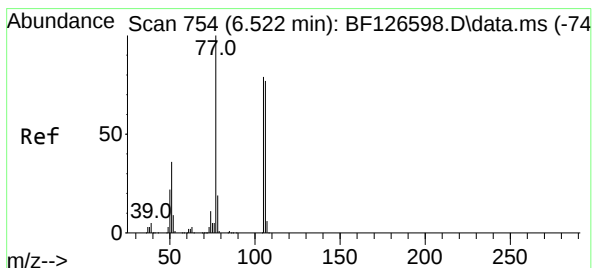
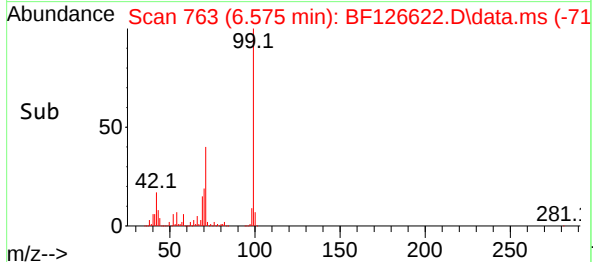
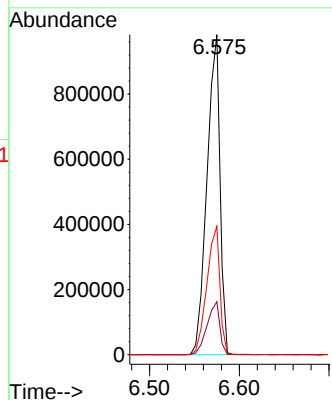
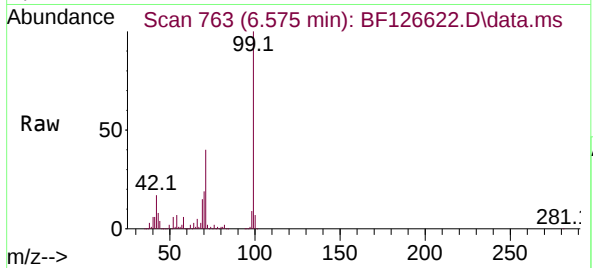




#7
Phenol-d6
Concen: 83.360 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

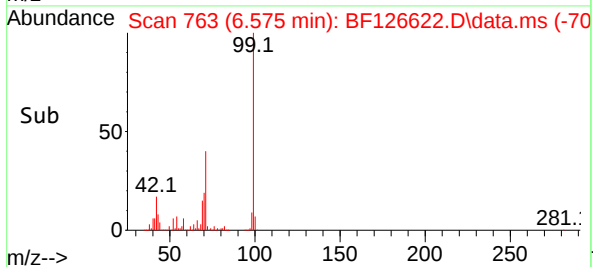
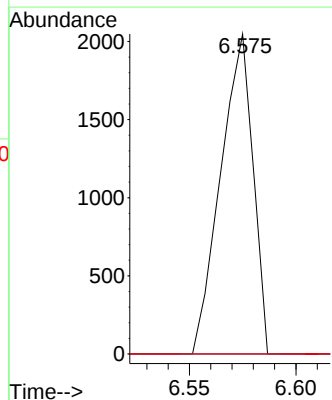
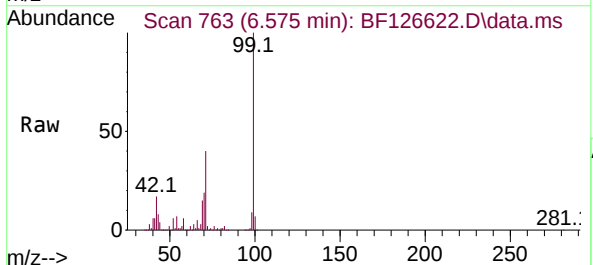
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-11

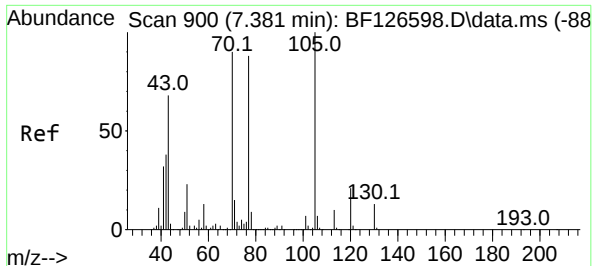
Tgt Ion: 99 Resp: 990021
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 40.1 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.053 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

Tgt Ion: 77 Resp: 2156
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: 11.355 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126622.D

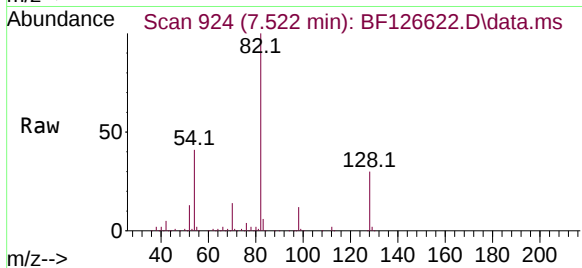
Acq: 20 Jan 2022 20:19

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-11



Tgt Ion: 70 Resp: 98422

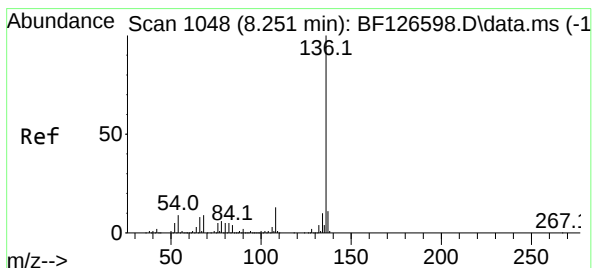
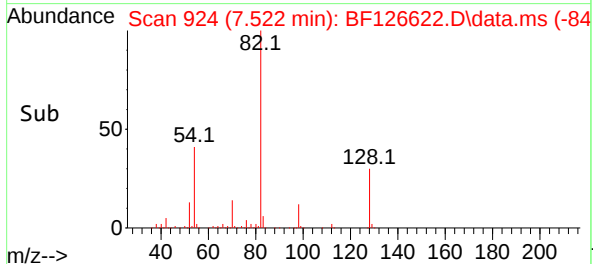
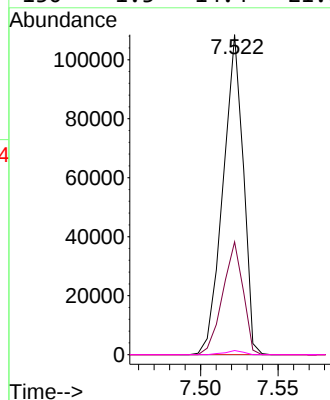
Ion Ratio Lower Upper

70 100

42 35.3 45.8 68.8#

101 0.0 6.9 10.3#

130 1.3 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: BF126622.D

Acq: 20 Jan 2022 20:19

Tgt Ion: 136 Resp: 433847

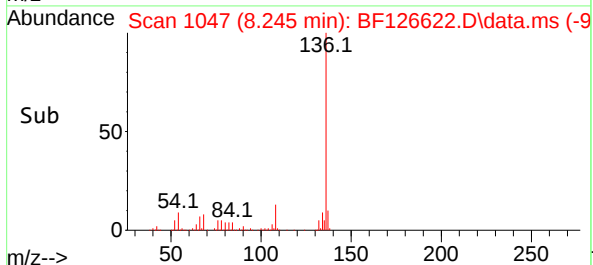
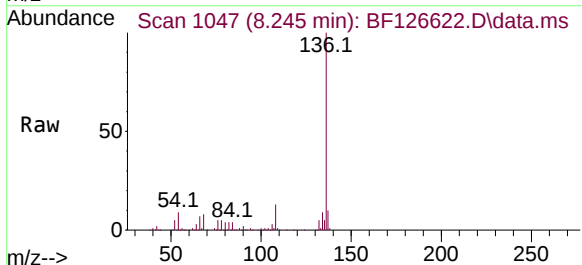
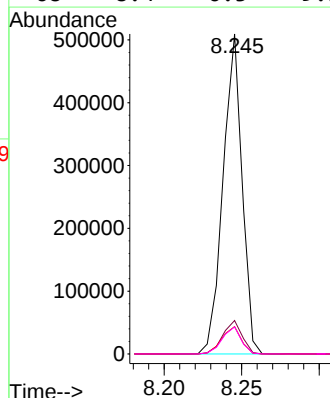
Ion Ratio Lower Upper

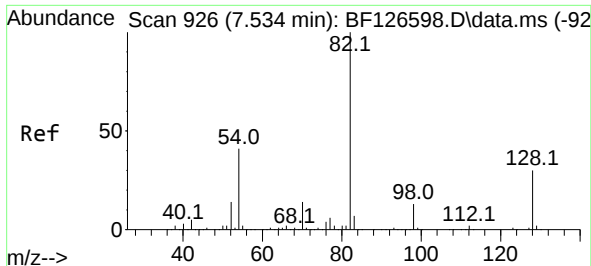
136 100

137 10.4 8.6 13.0

54 8.5 7.8 11.6

68 8.4 6.3 9.5

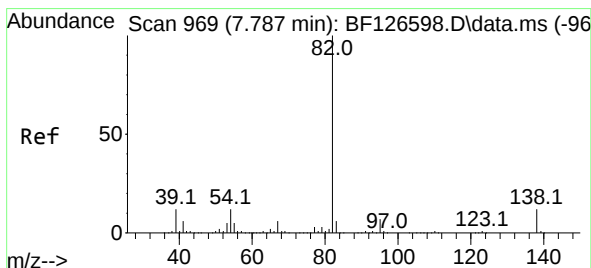
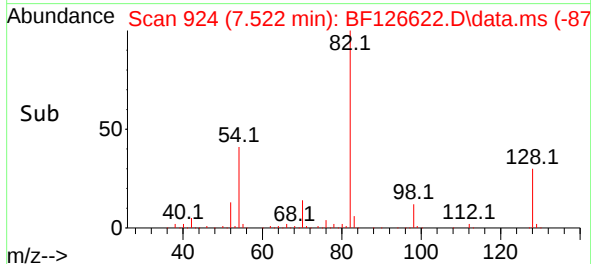
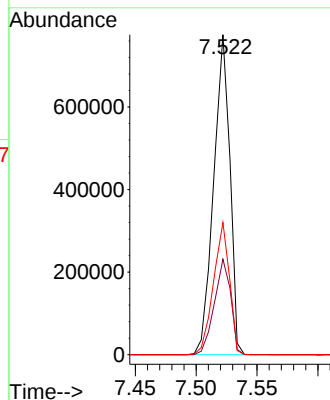
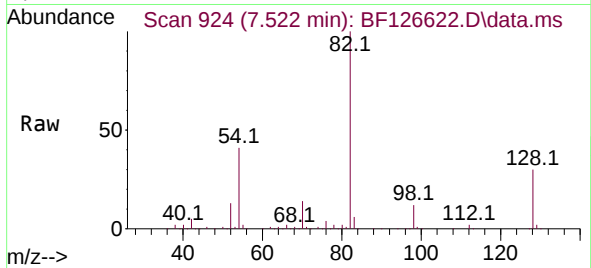




#23
Nitrobenzene-d5
Concen: 64.762 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

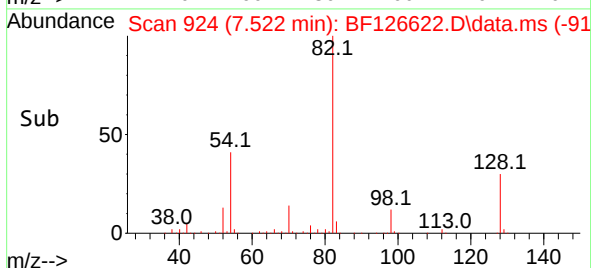
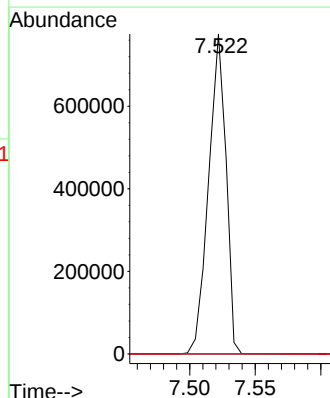
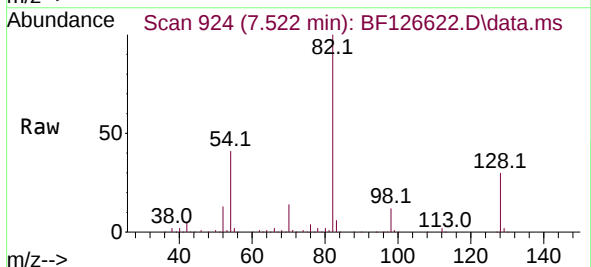
Instrument :
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ClientSampleId :
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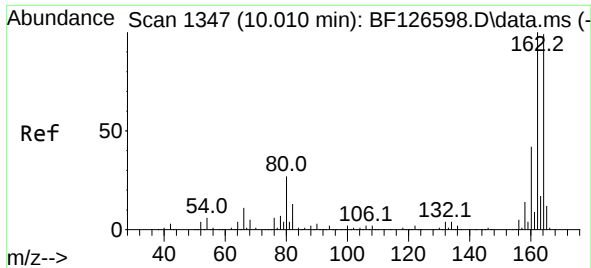
Tgt Ion: 82 Resp: 717837
Ion Ratio Lower Upper
82 100
128 29.9 32.7 49.1#
54 41.3 41.7 62.5#



#25
Isophorone
Concen: 33.394 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

Tgt Ion: 82 Resp: 717826
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

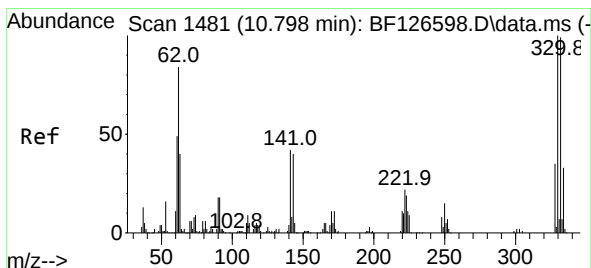
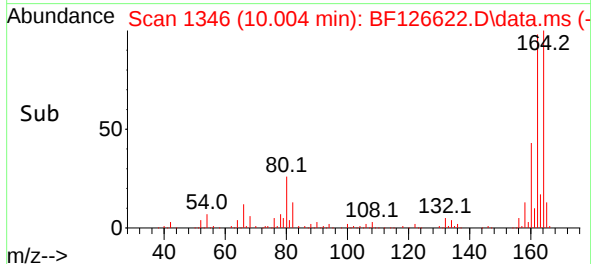
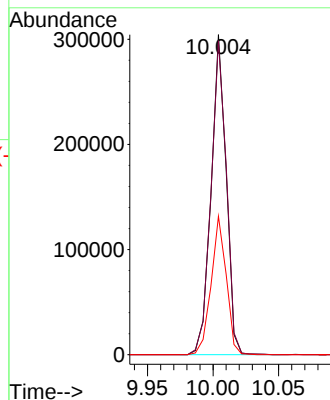
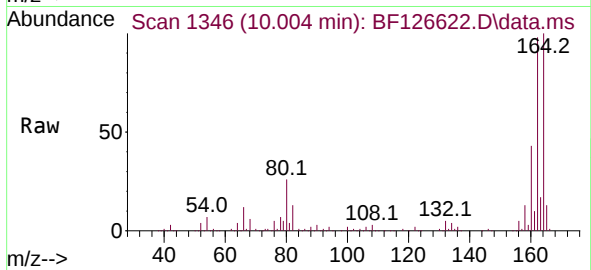




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

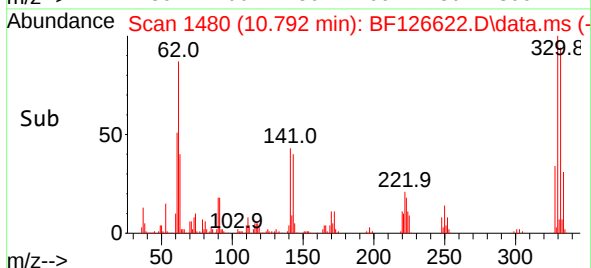
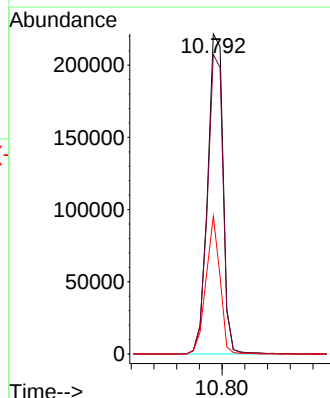
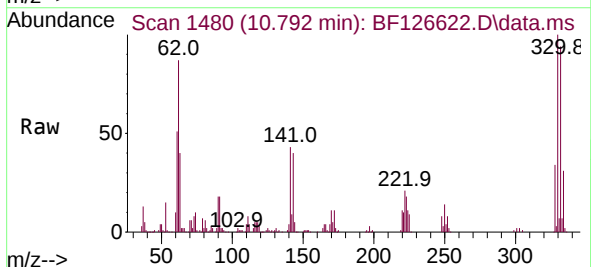
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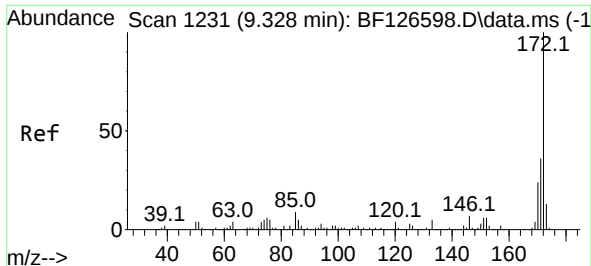
Tgt Ion:164 Resp: 242629
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 91.830 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

Tgt Ion:330 Resp: 208512
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 38.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 53.345 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126622.D

Acq: 20 Jan 2022 20:19

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-11

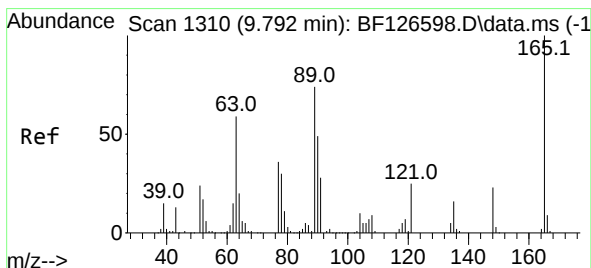
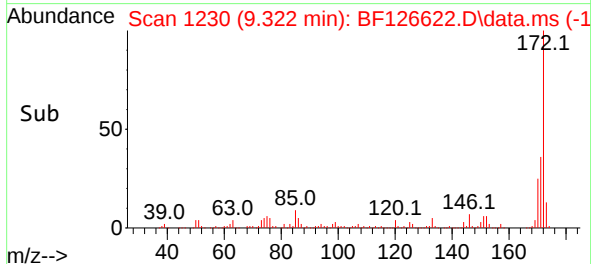
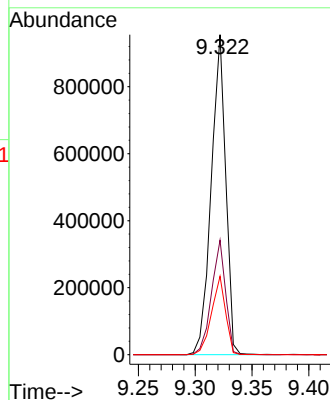
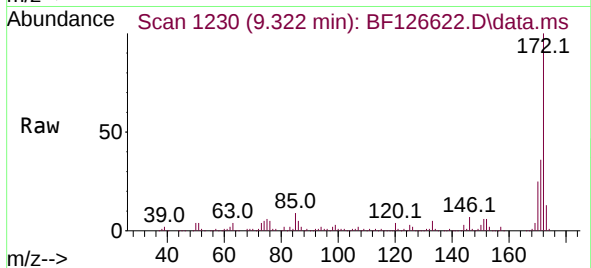
Tgt Ion:172 Resp: 845130

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 24.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.209 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126622.D

Acq: 20 Jan 2022 20:19

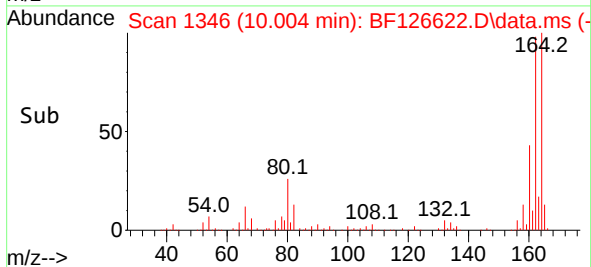
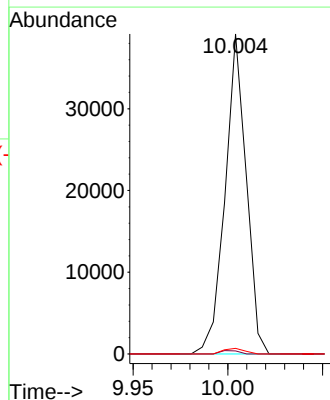
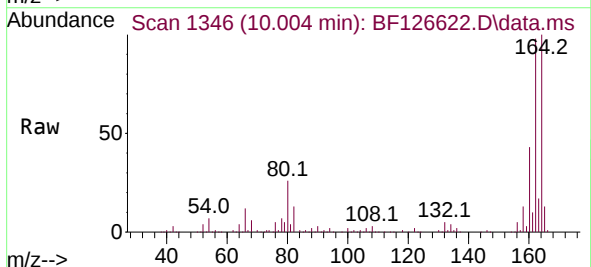
Tgt Ion:165 Resp: 30357

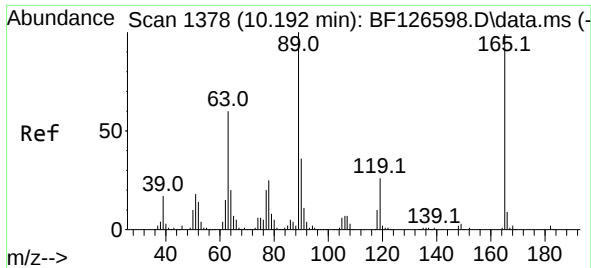
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.8 50.5 75.7#

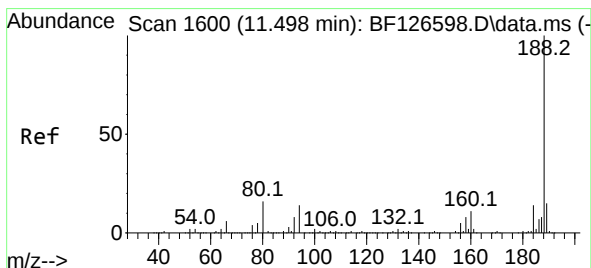
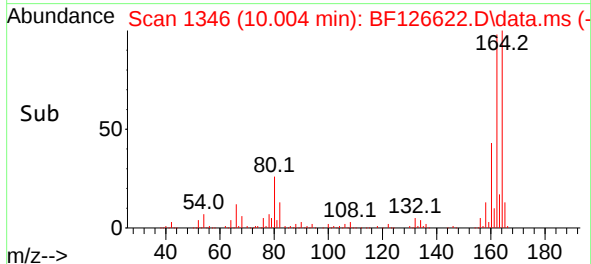
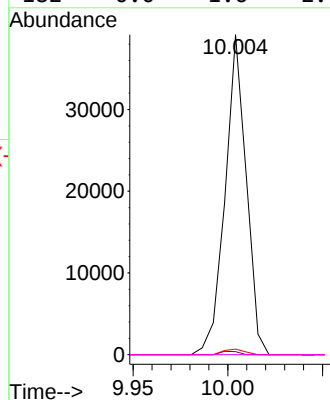
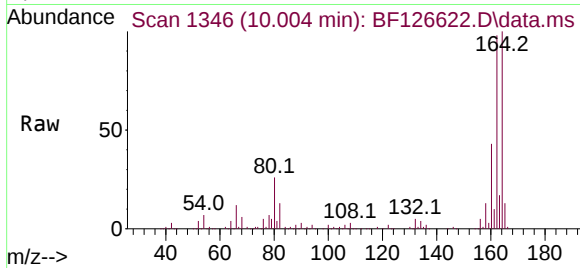




#57
2,4-Dinitrotoluene
Concen: 8.425 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

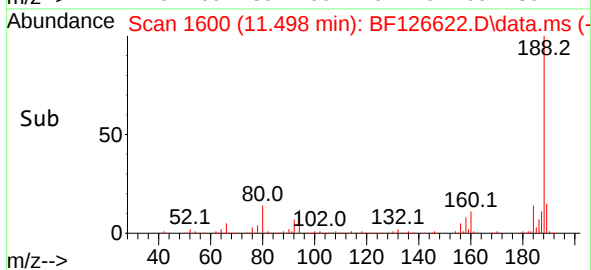
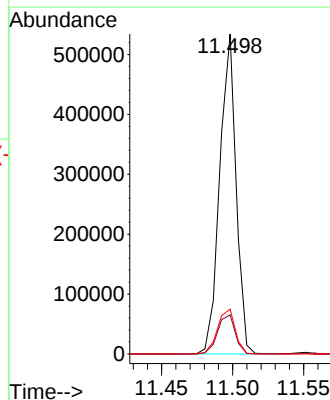
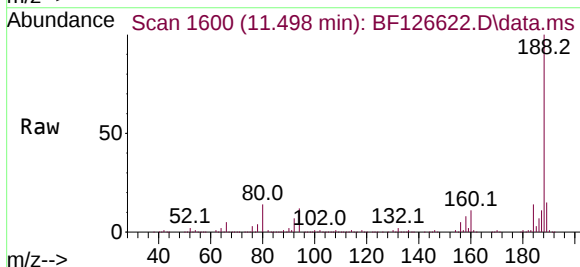
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-11

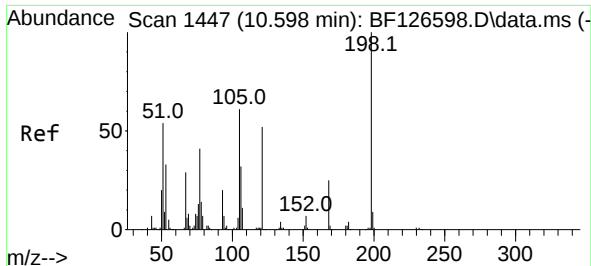
Tgt Ion:165 Resp: 30357
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

Tgt Ion:188 Resp: 427489
Ion Ratio Lower Upper
188 100
94 12.2 10.1 15.1
80 14.0 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.563 ng

RT: 10.792 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126622.D

Acq: 20 Jan 2022 20:19

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-11

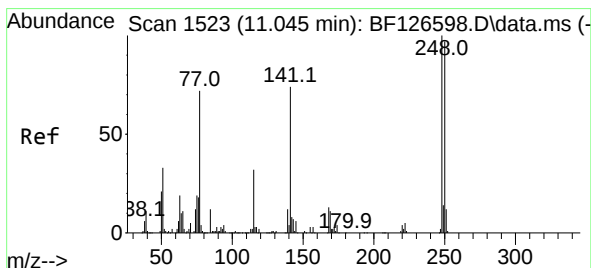
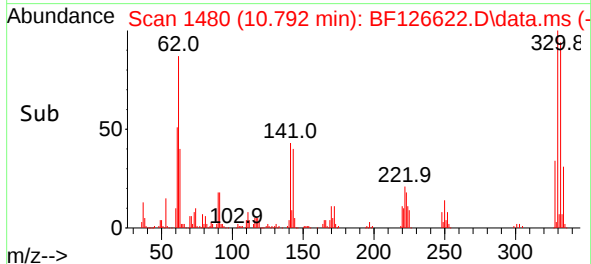
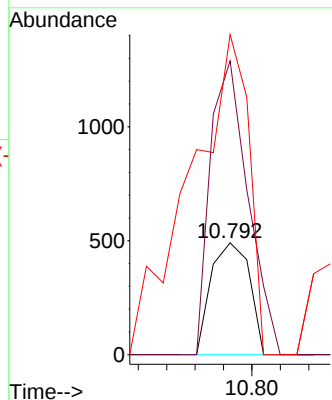
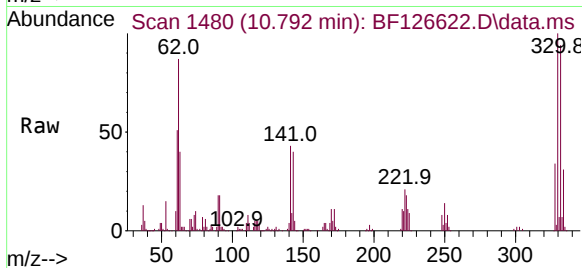
Tgt Ion:198 Resp: 461

Ion Ratio Lower Upper

198 100

51 262.5 32.0 72.0#

105 285.9 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 2.949 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.253 min

Lab File: BF126622.D

Acq: 20 Jan 2022 20:19

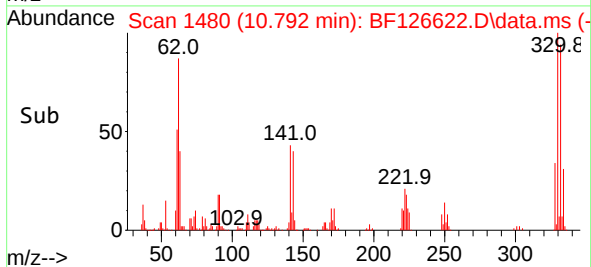
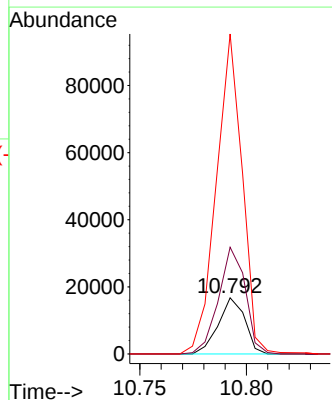
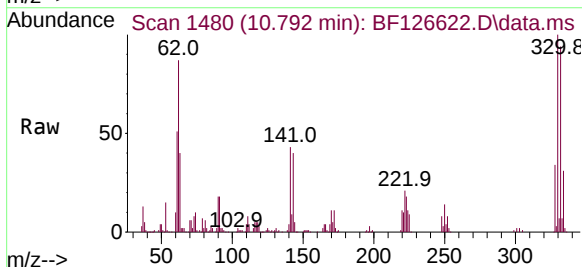
Tgt Ion:248 Resp: 14529

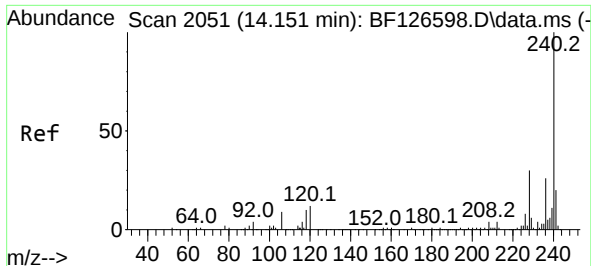
Ion Ratio Lower Upper

248 100

250 189.9 76.2 114.4#

141 569.8 66.2 99.4#

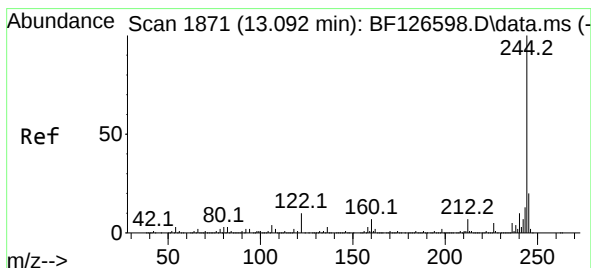
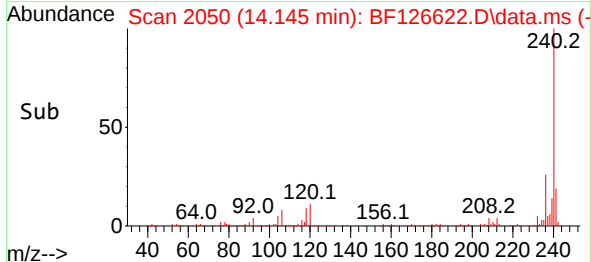
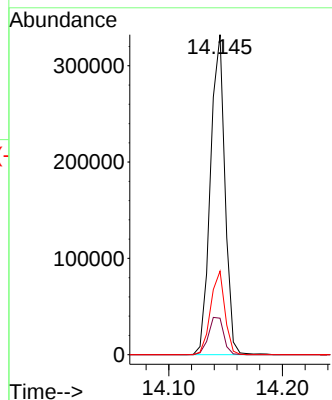
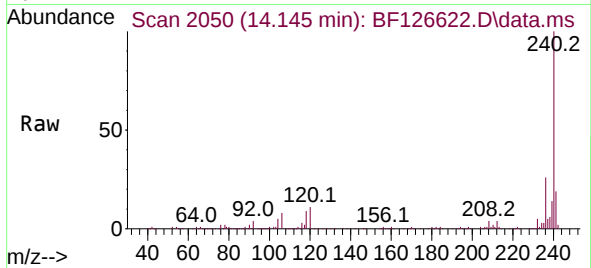




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

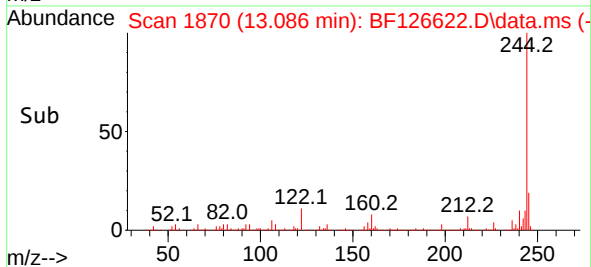
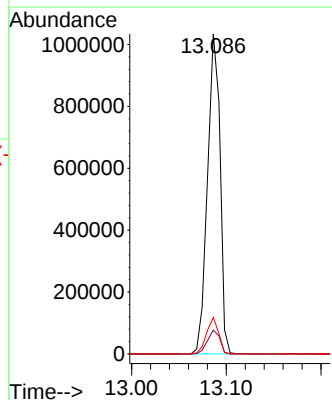
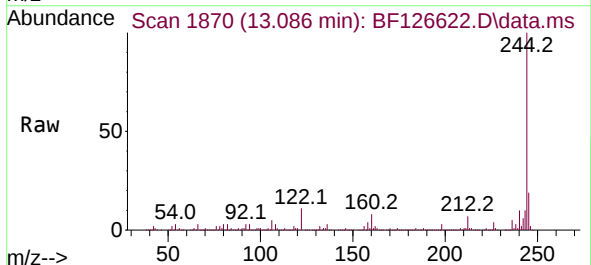
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-11

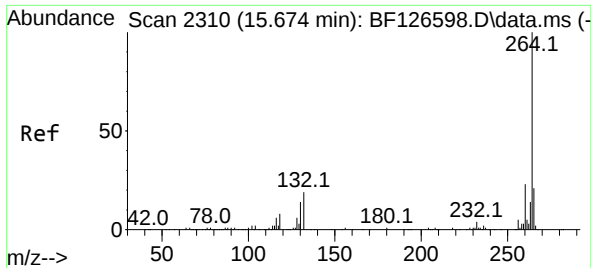
Tgt Ion:240 Resp: 293681
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 26.1 20.5 30.7



#79
Terphenyl-d14
Concen: 54.196 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126622.D
Acq: 20 Jan 2022 20:19

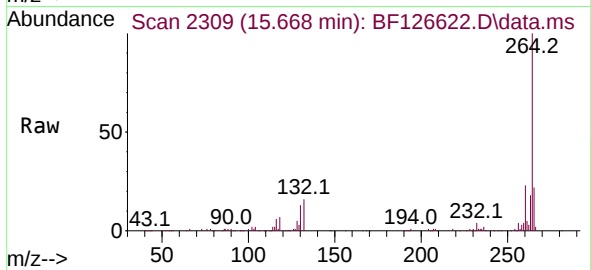
Tgt Ion:244 Resp: 948944
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 11.4 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126622.D
 Acq: 20 Jan 2022 20:19

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-11



Tgt Ion:264 Resp: 224724
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.8 17.4 26.2

