

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126625.D
 Acq On : 20 Jan 2022 21:39
 Operator : CG/JU
 Sample : N1189-27
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-14

Quant Time: Jan 21 04:15:45 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)

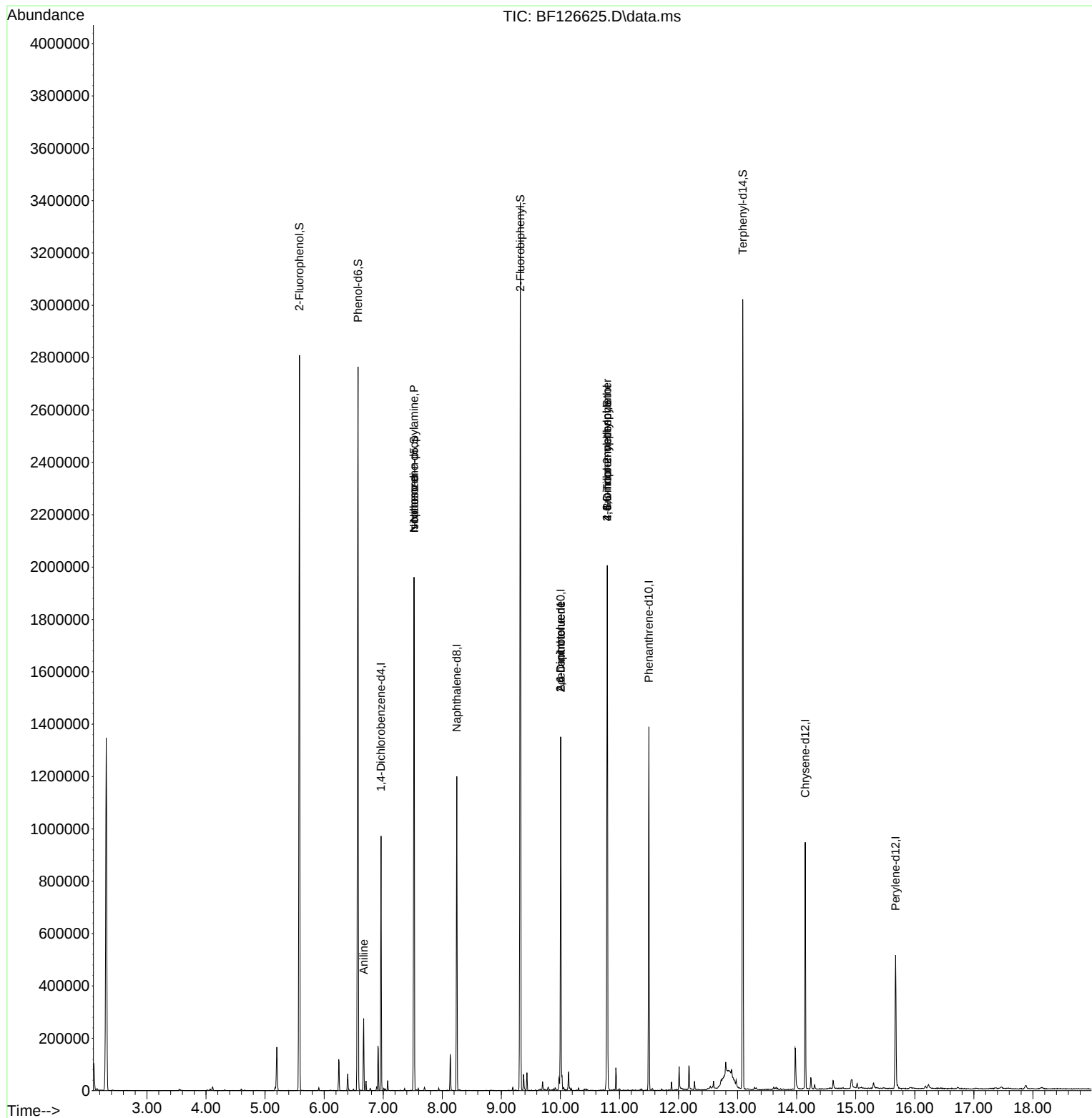
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111621	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	435697	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	245934	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	434050	20.000	ng	0.00
76) Chrysene-d12	14.145	240	283811	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	220200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	679156	80.066	ng	0.00
7) Phenol-d6	6.575	99	945740	80.247	ng	0.00
23) Nitrobenzene-d5	7.522	82	709698	63.756	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	189064	82.146	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	898527	55.954	ng	0.00
79) Terphenyl-d14	13.086	244	982264	58.050	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.669	93	54768	3.708	ng	# 49
9) Benzaldehyde	6.575	77	1934	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	7.522	70	96478	11.216	ng	# 70
25) Isophorone	7.522	82	709687	32.875	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	30972	10.276	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	30972	8.480	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	515	7.582	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	13219	2.642	ng	# 1

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

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ALS Vial : 21 Sample Multiplier: 1

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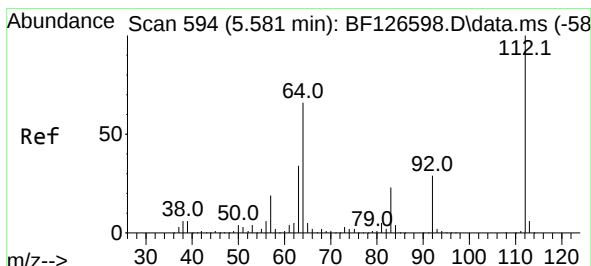
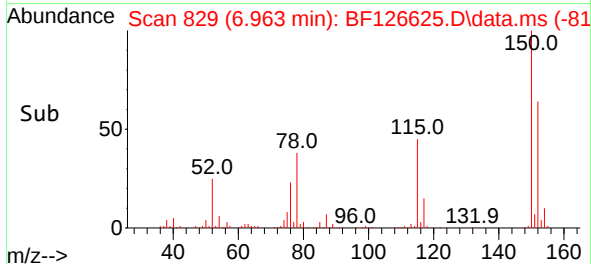
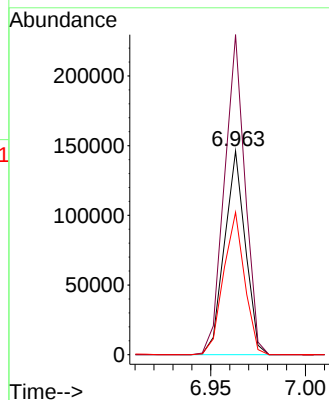
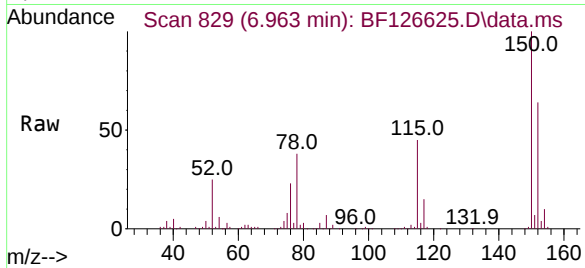




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

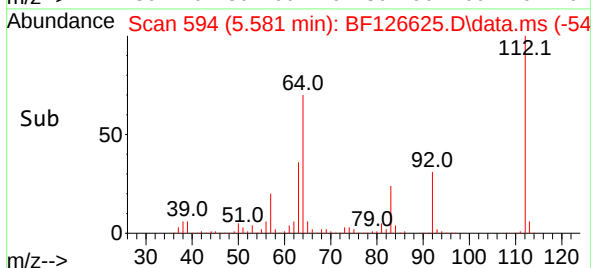
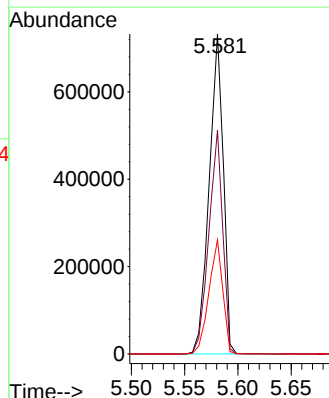
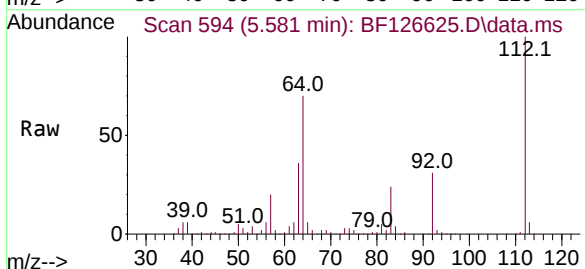
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

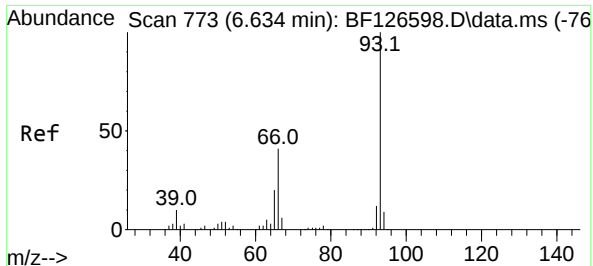
Tgt Ion:152 Resp: 111621
Ion Ratio Lower Upper
152 100
150 157.1 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 80.066 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

Tgt Ion:112 Resp: 679156
Ion Ratio Lower Upper
112 100
64 69.9 49.5 74.3
63 35.7 23.9 35.9





#6

Aniline

Concen: 3.708 ng

RT: 6.669 min Scan# 71

Delta R.T. 0.035 min

Lab File: BF126625.D

Acq: 20 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-14

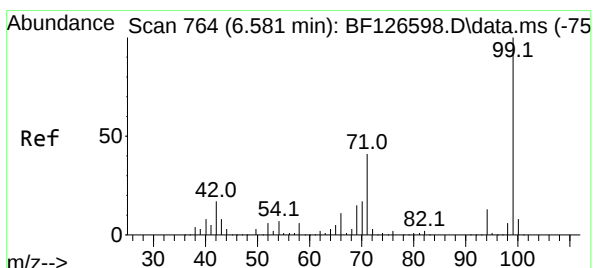
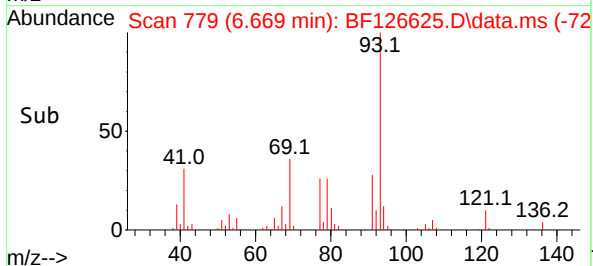
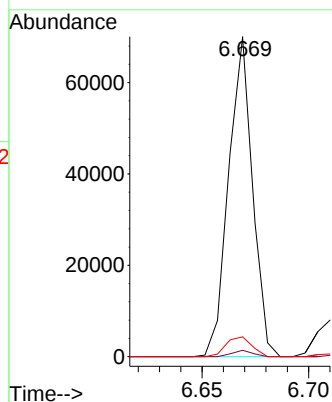
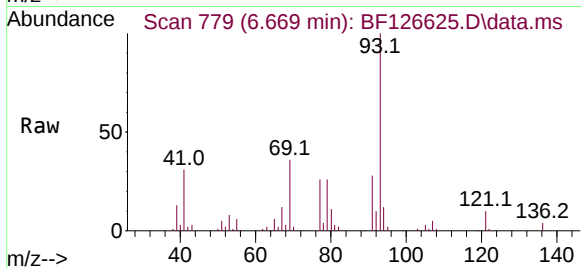
Tgt Ion: 93 Resp: 54768

Ion Ratio Lower Upper

93 100

66 2.0 32.2 48.4#

65 6.2 16.3 24.5#



#7

Phenol-d6

Concen: 80.247 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF126625.D

Acq: 20 Jan 2022 21:39

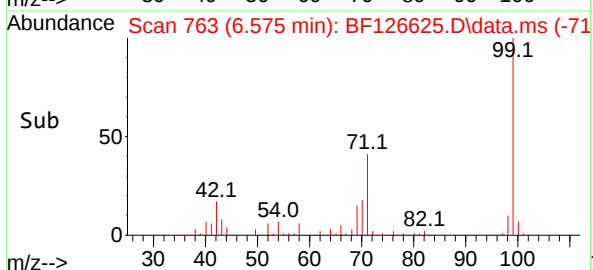
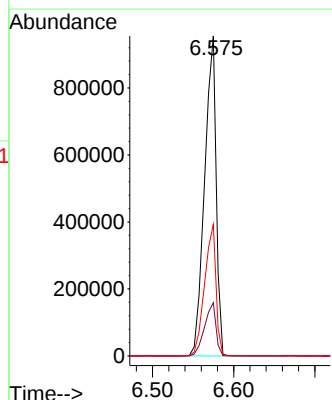
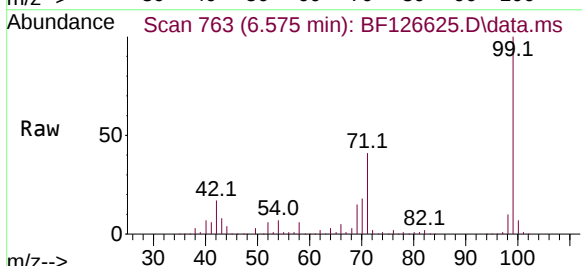
Tgt Ion: 99 Resp: 945740

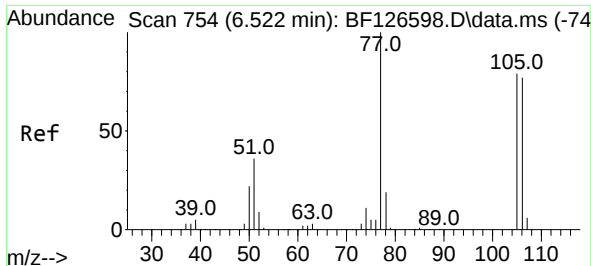
Ion Ratio Lower Upper

99 100

42 16.6 14.2 21.4

71 41.1 24.3 36.5#

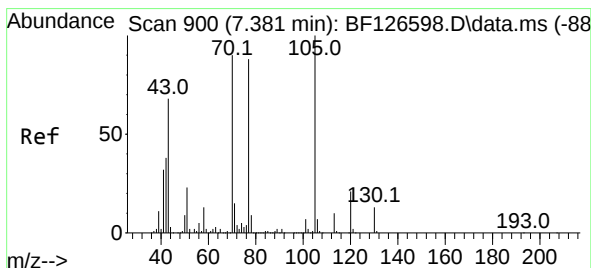
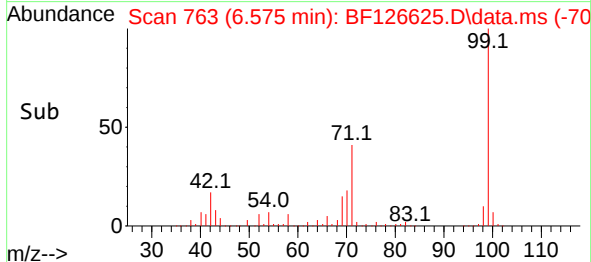
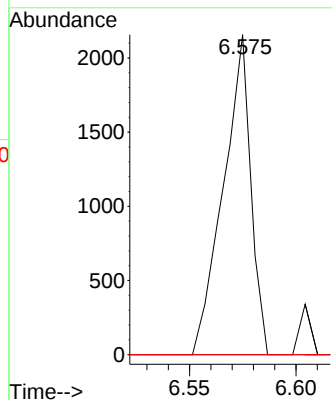
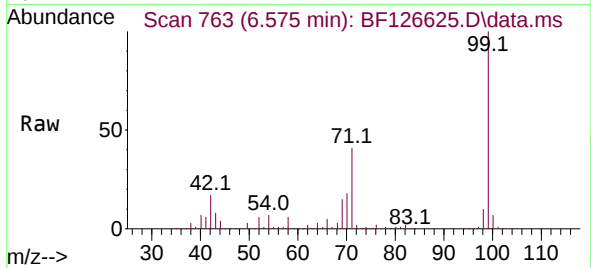




#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 70
Delta R.T. 0.053 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

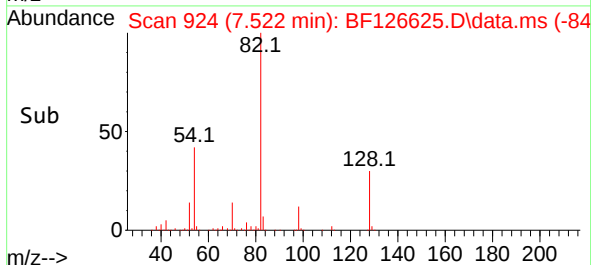
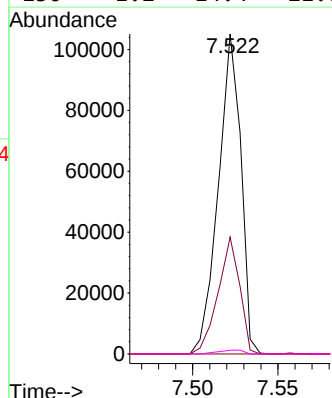
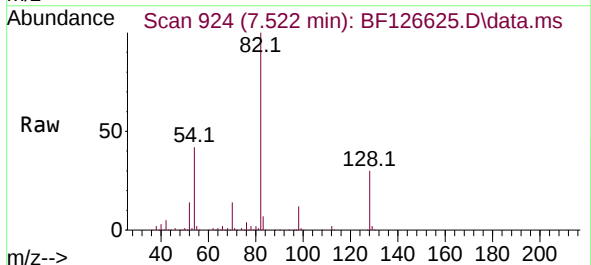
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

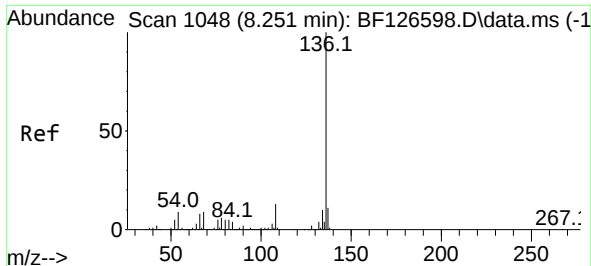
Tgt Ion: 77 Resp: 1934
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 11.216 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.141 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

Tgt Ion: 70 Resp: 96478
Ion Ratio Lower Upper
70 100
42 36.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.2 14.4 21.6#

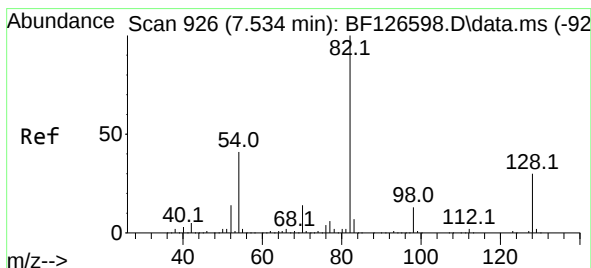
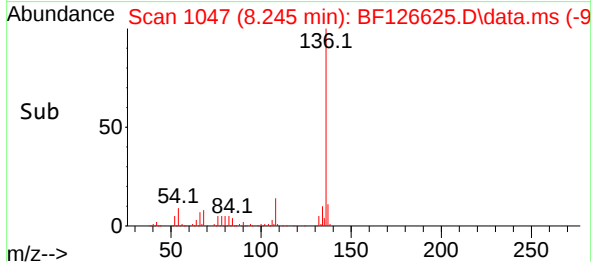
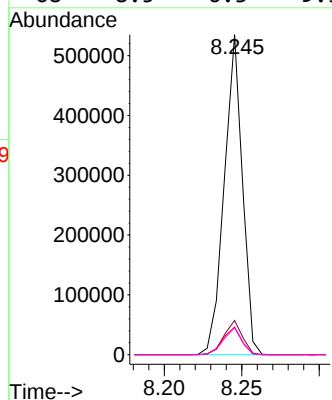
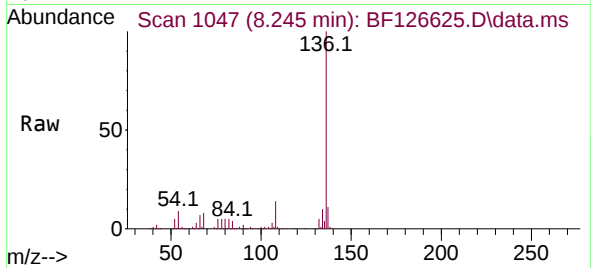




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

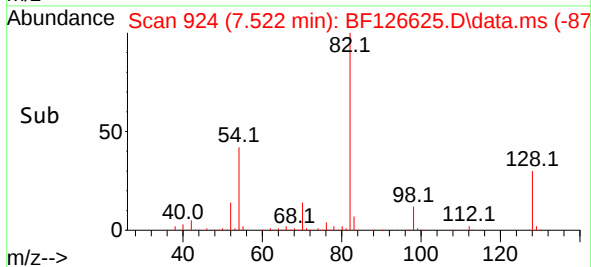
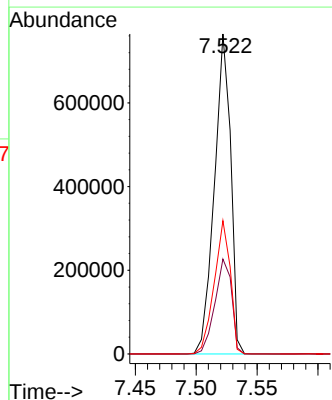
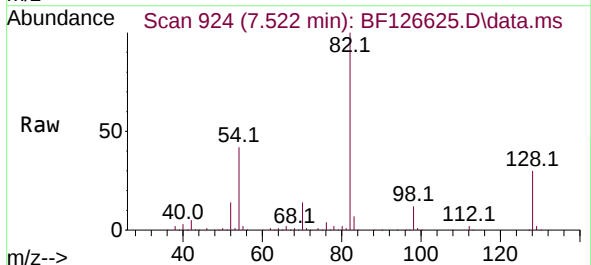
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

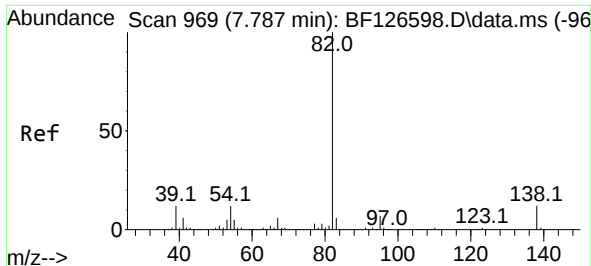
Tgt Ion:136	Resp: 435697
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.7	7.8 11.6
68 8.5	6.3 9.5



#23
Nitrobenzene-d5
Concen: 63.756 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

Tgt Ion: 82	Resp: 709698
Ion Ratio	Lower Upper
82 100	
128 29.7	32.7 49.1#
54 41.6	41.7 62.5#

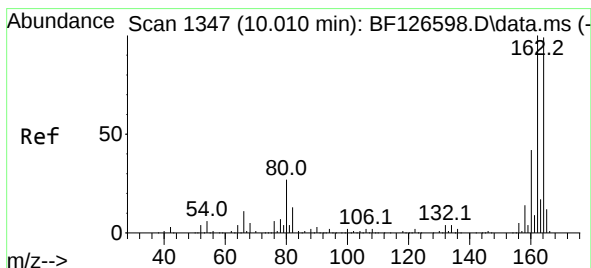
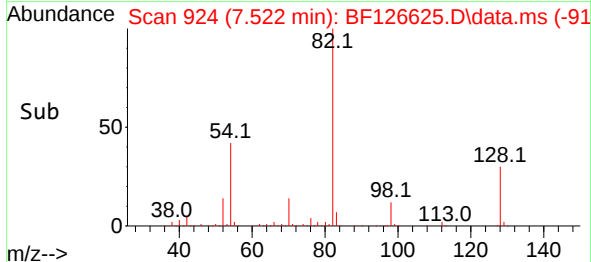
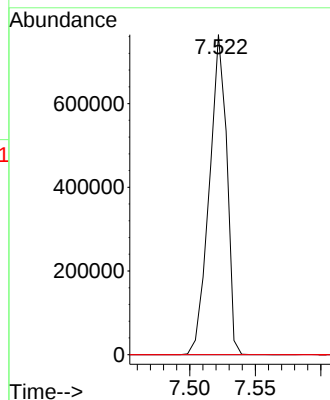
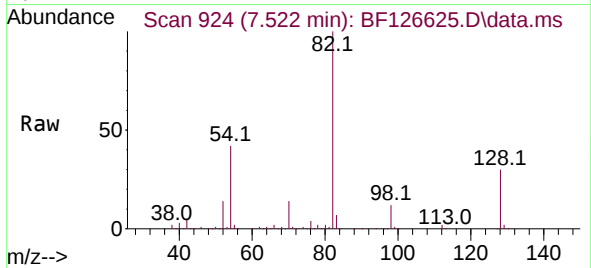




#25
Isophorone
Concen: 32.875 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

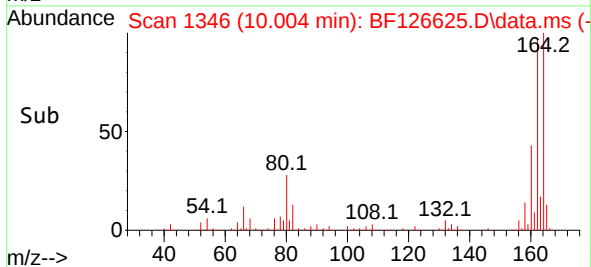
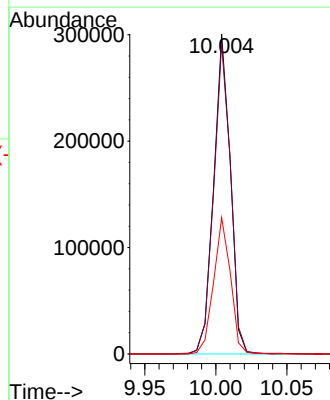
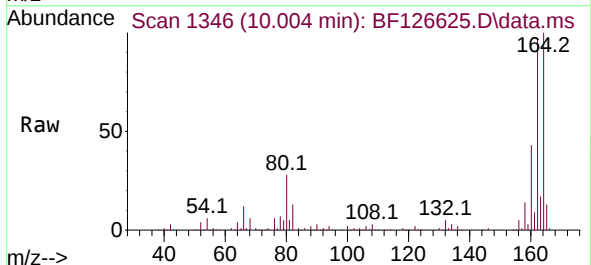
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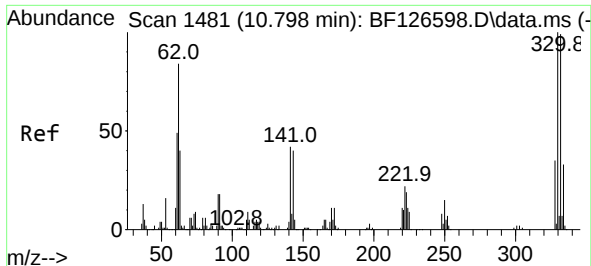
Tgt Ion: 82 Resp: 709687
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

Tgt Ion: 164 Resp: 245934
Ion Ratio Lower Upper
164 100
162 96.9 81.4 122.0
160 42.6 36.6 54.8

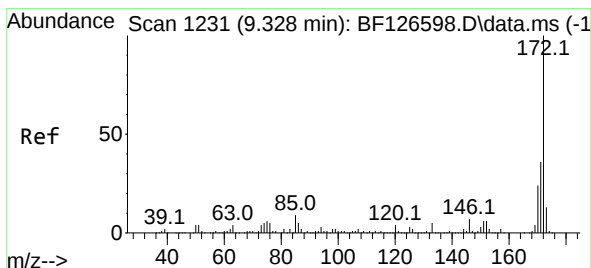
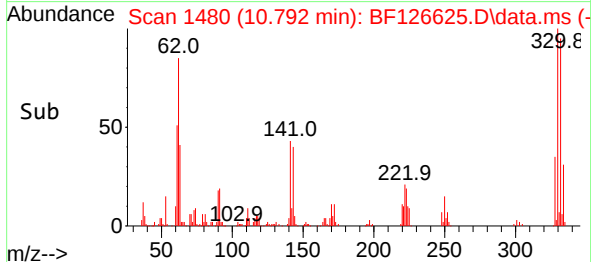
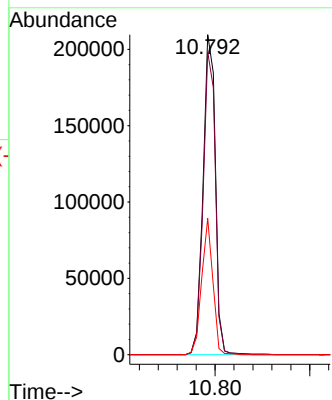
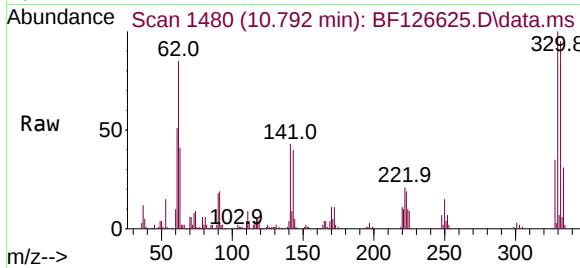




#42
 2,4,6-Tribromophenol
 Concen: 82.146 ng
 RT: 10.792 min Scan# 1481
 Delta R.T. -0.006 min
 Lab File: BF126625.D
 Acq: 20 Jan 2022 21:39

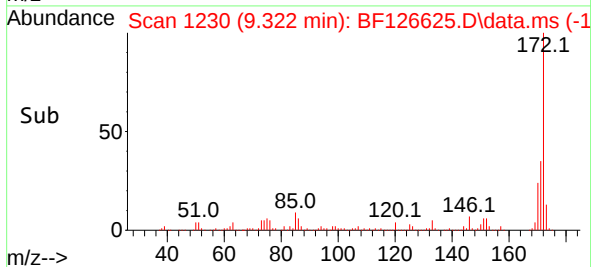
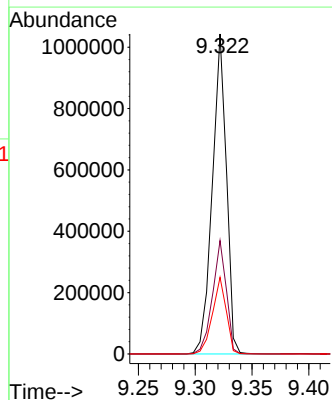
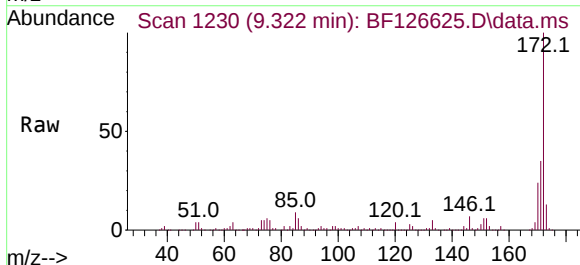
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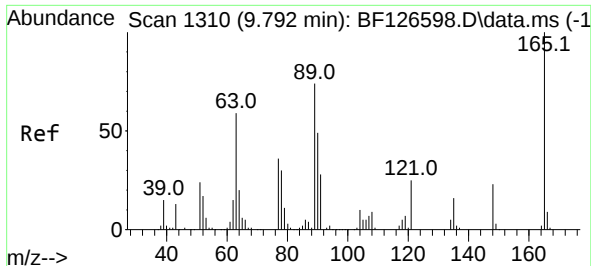
Tgt Ion: 330 Resp: 189064
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.0 114.0
 141 38.6 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 55.954 ng
 RT: 9.322 min Scan# 1230
 Delta R.T. -0.006 min
 Lab File: BF126625.D
 Acq: 20 Jan 2022 21:39

Tgt Ion: 172 Resp: 898527
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 24.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.276 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126625.D

Acq: 20 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-14

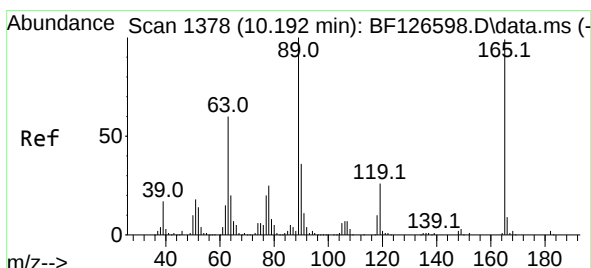
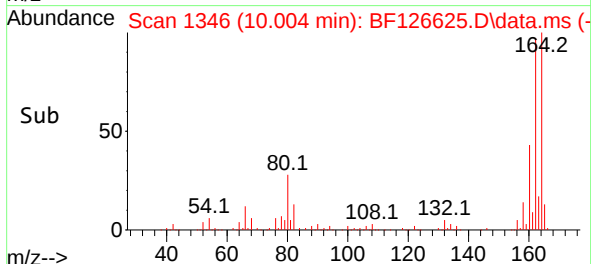
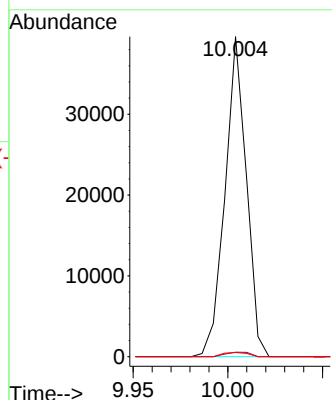
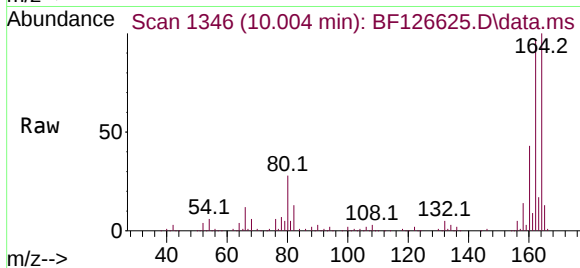
Tgt Ion:165 Resp: 30972

Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.480 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.188 min

Lab File: BF126625.D

Acq: 20 Jan 2022 21:39

Tgt Ion:165 Resp: 30972

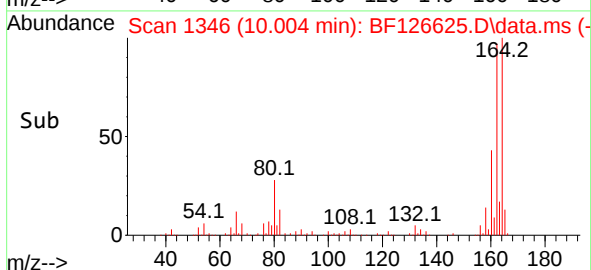
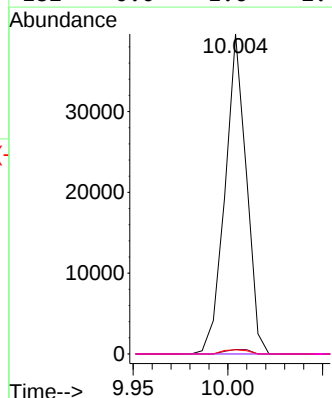
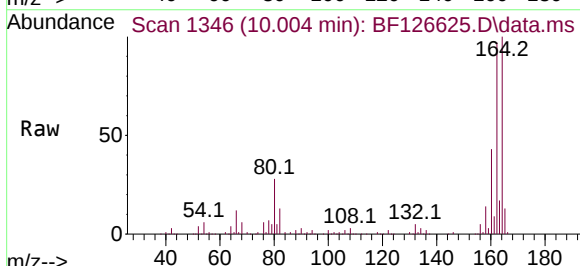
Ion Ratio Lower Upper

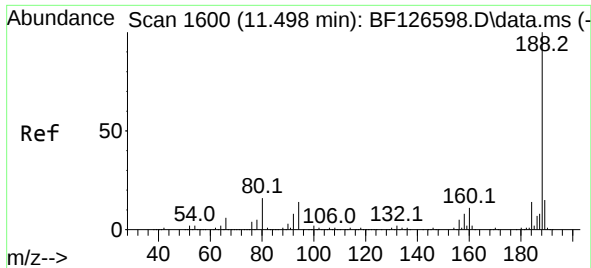
165 100

63 1.4 43.0 64.6#

89 1.3 71.0 106.4#

182 0.0 1.6 2.4#

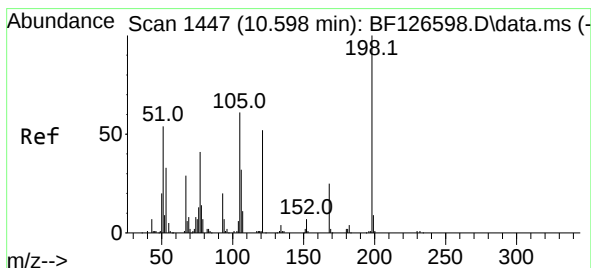
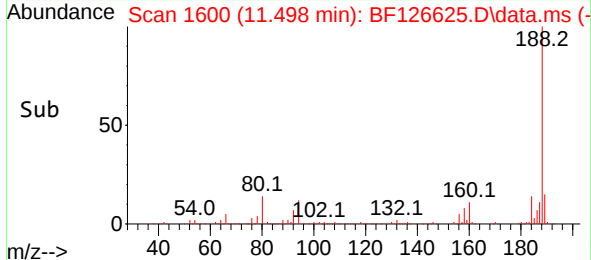
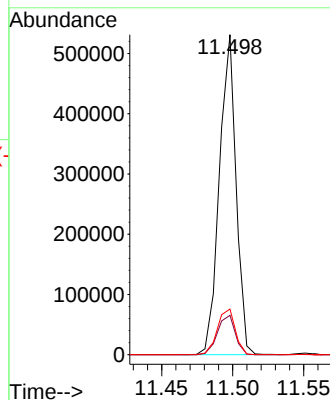
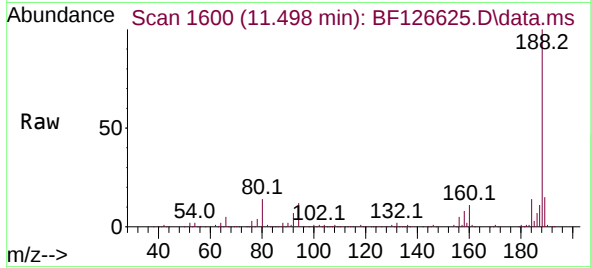




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

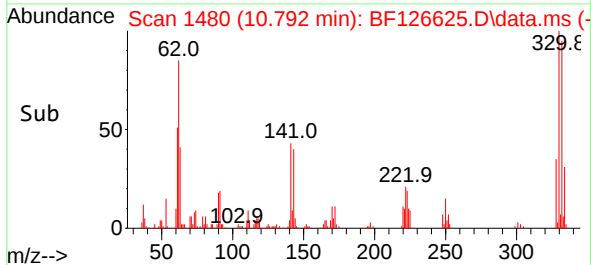
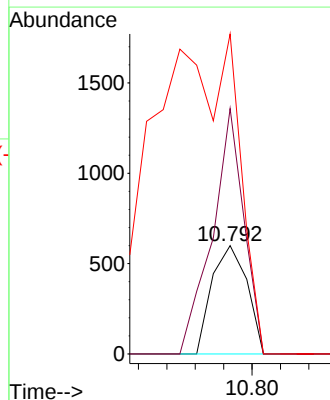
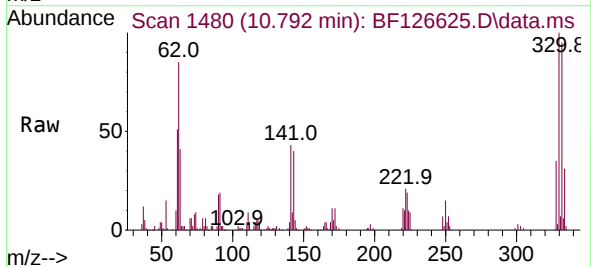
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

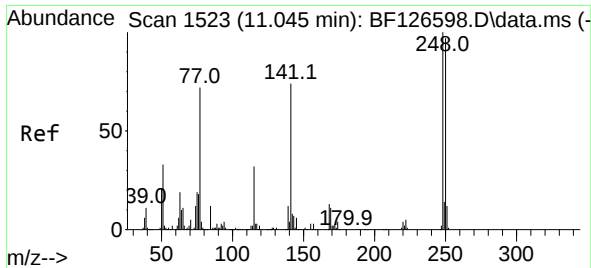
Tgt Ion:188 Resp: 434050
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 14.2 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.582 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.194 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

Tgt Ion:198 Resp: 515
Ion Ratio Lower Upper
198 100
51 226.3 32.0 72.0#
105 295.2 32.7 72.7#

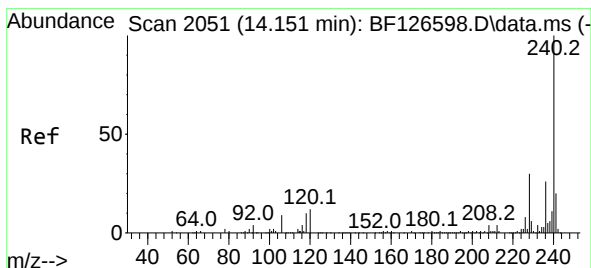
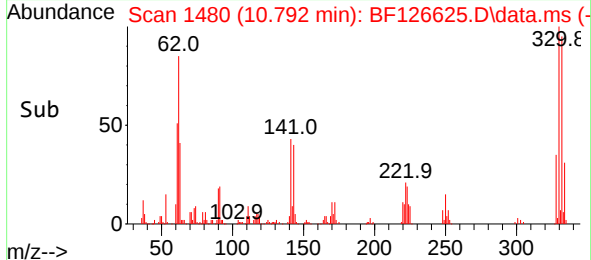
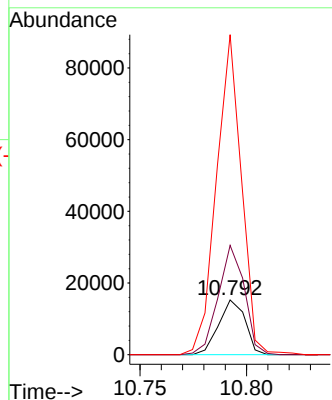
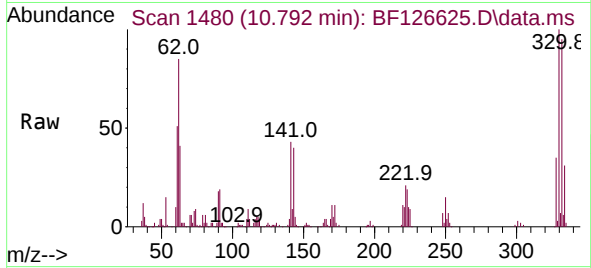




#67
4-Bromophenyl-phenylether
Concen: 2.642 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

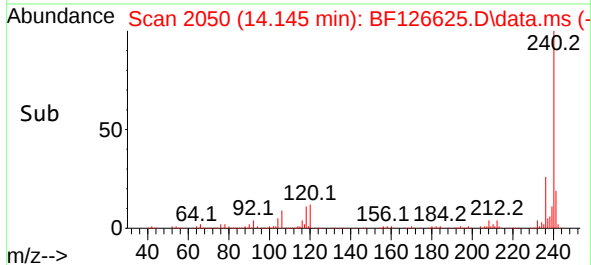
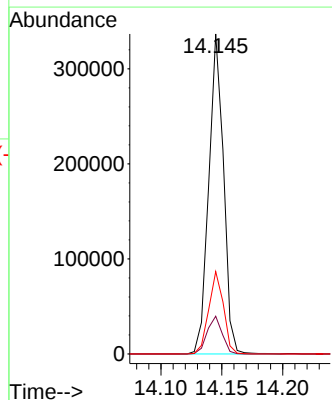
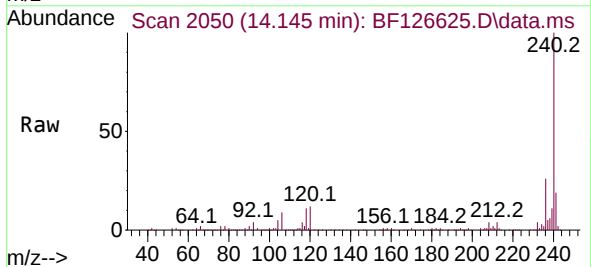
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-14

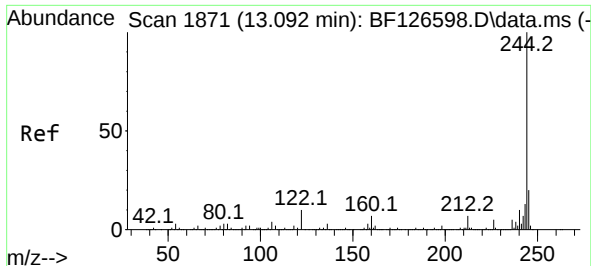
Tgt Ion:248 Resp: 13219
Ion Ratio Lower Upper
248 100
250 200.0 76.2 114.4#
141 585.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126625.D
Acq: 20 Jan 2022 21:39

Tgt Ion:240 Resp: 283811
Ion Ratio Lower Upper
240 100
120 11.8 14.4 21.6#
236 25.7 20.5 30.7

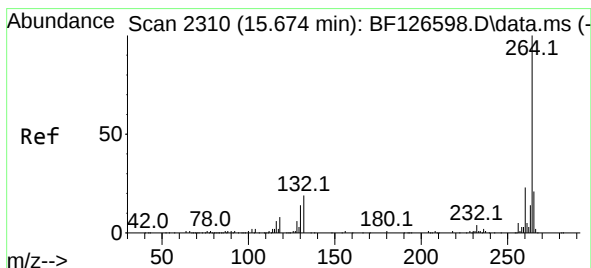
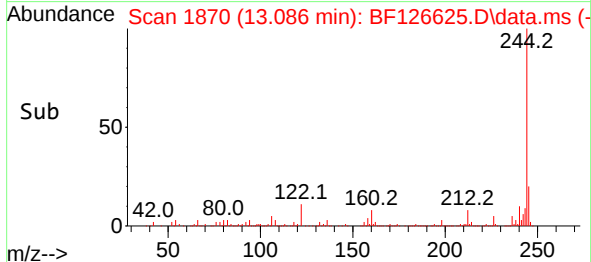
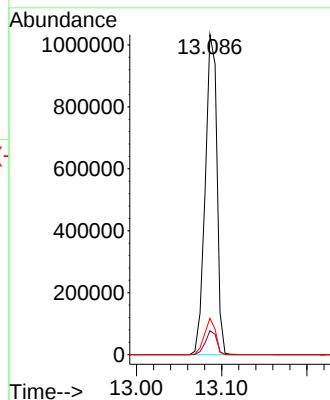
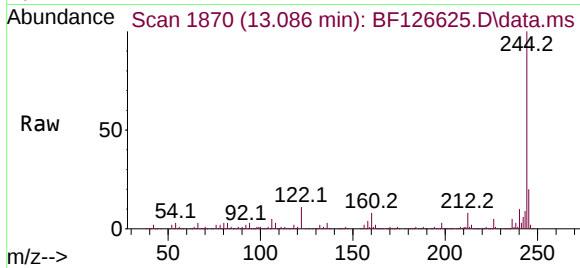




#79
 Terphenyl-d14
 Concen: 58.050 ng
 RT: 13.086 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: BF126625.D
 Acq: 20 Jan 2022 21:39

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-14

Tgt Ion:244 Resp: 982264
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 11.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2310
 Delta R.T. -0.000 min
 Lab File: BF126625.D
 Acq: 20 Jan 2022 21:39

Tgt Ion:264 Resp: 220200
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.9 17.4 26.2

