

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

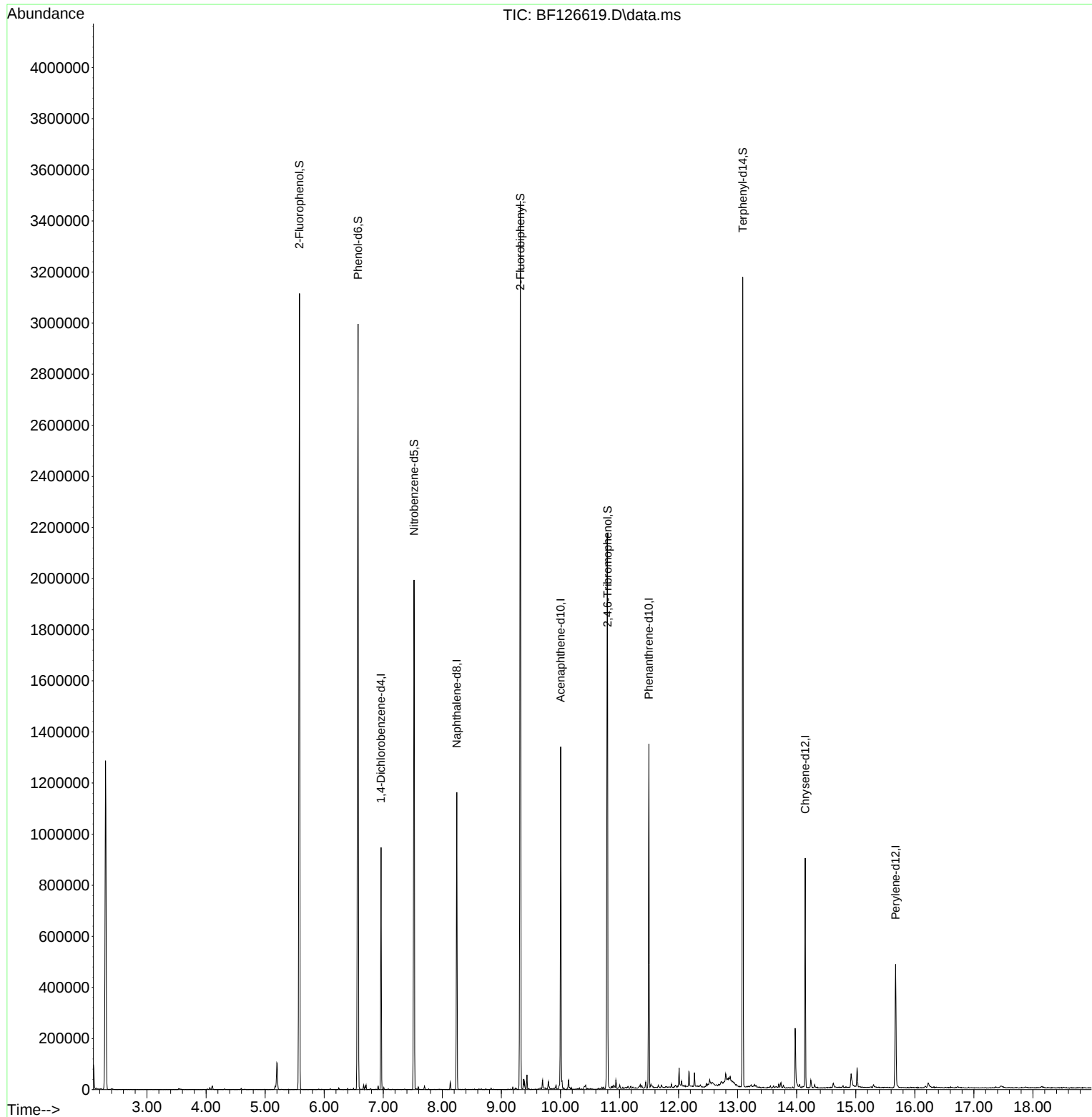
Target Compounds	Qvalue

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

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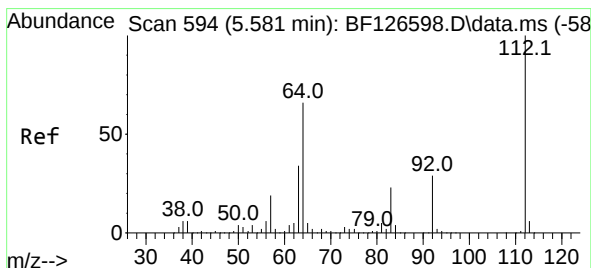
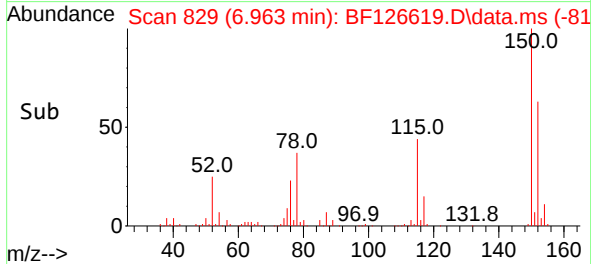
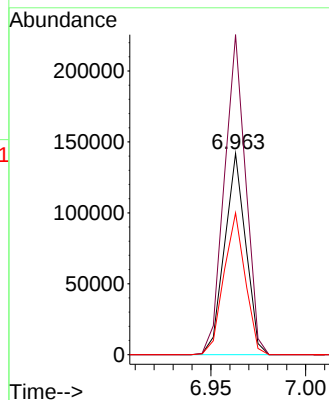
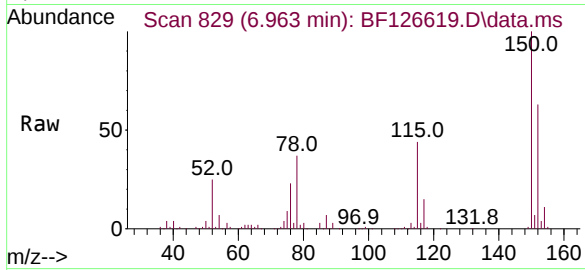




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

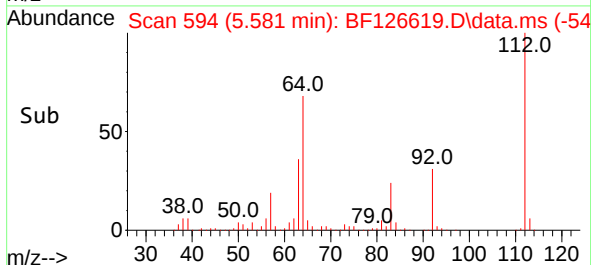
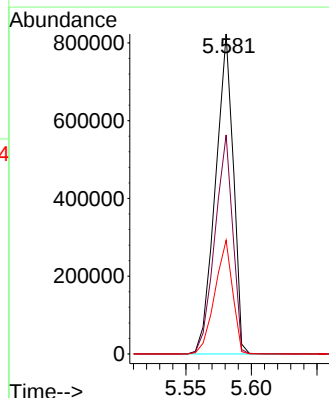
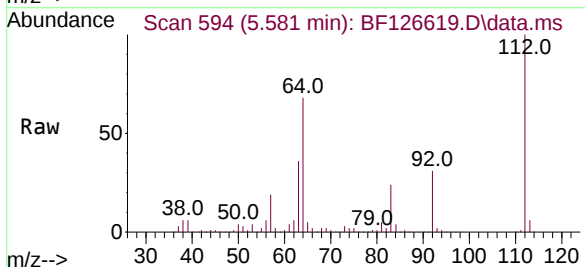
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-8

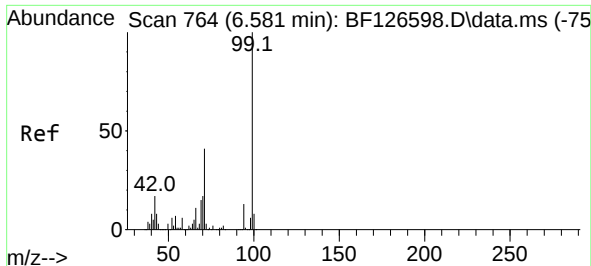
Tgt Ion:152 Resp: 110174
 Ion Ratio Lower Upper
 152 100
 150 159.0 128.1 192.1
 115 70.4 56.7 85.1



#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

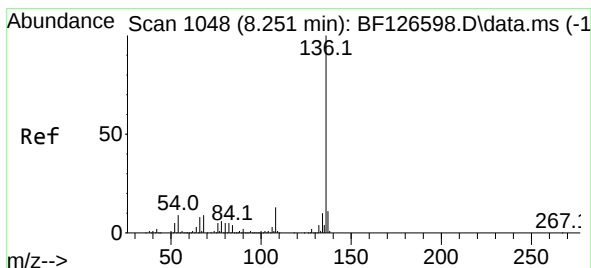
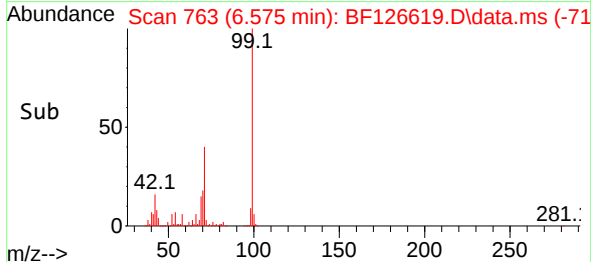
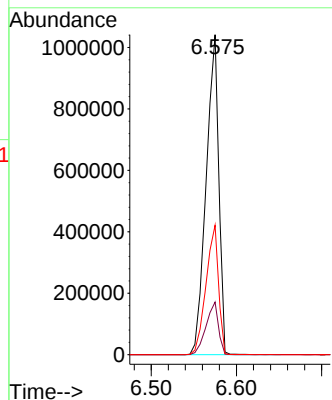
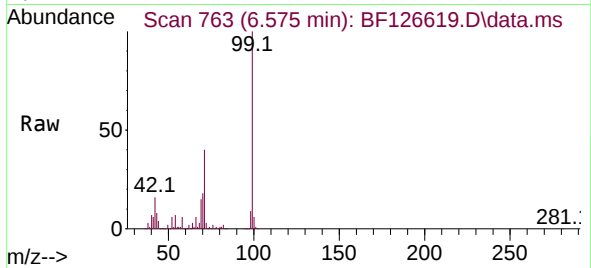




#7
Phenol-d6
Concen: 92.279 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

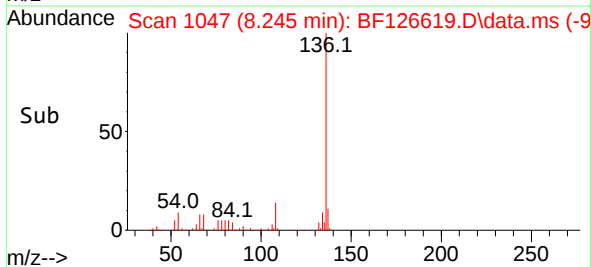
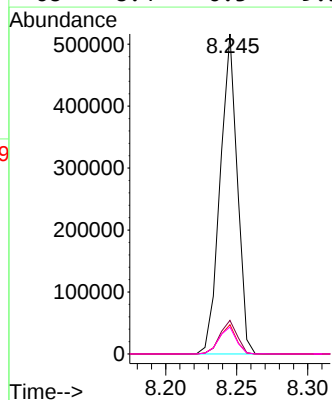
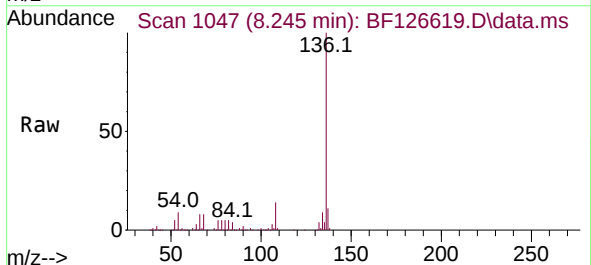
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

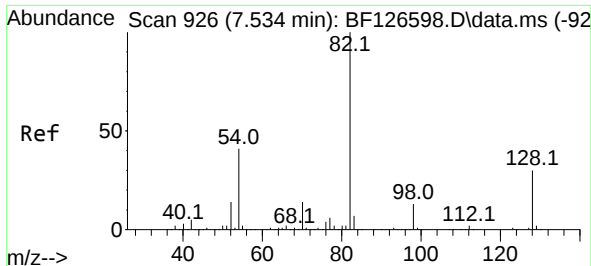
Tgt Ion: 99 Resp: 1073442
Ion Ratio Lower Upper
99 100
42 16.4 14.2 21.4
71 40.4 24.3 36.5#



#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

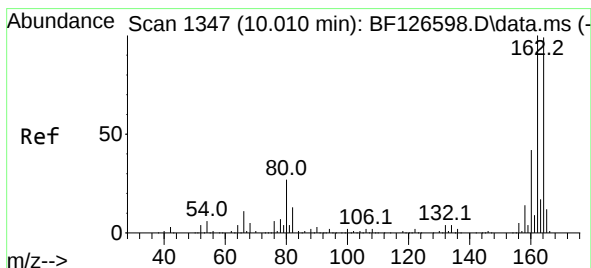
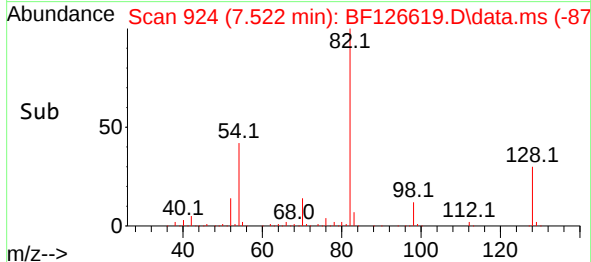
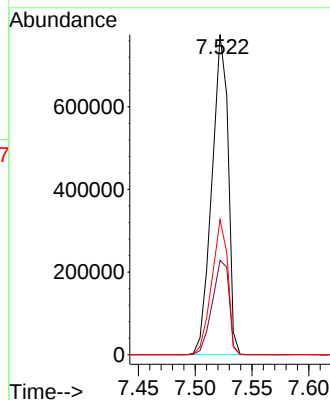
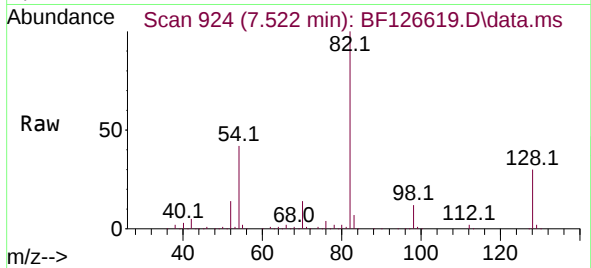




#23
 Nitrobenzene-d5
 Concen: 69.860 ng
 RT: 7.522 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

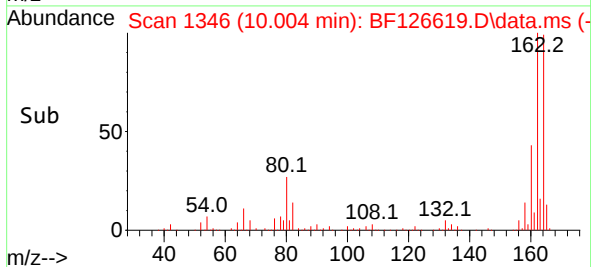
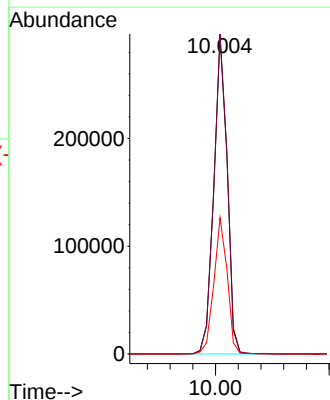
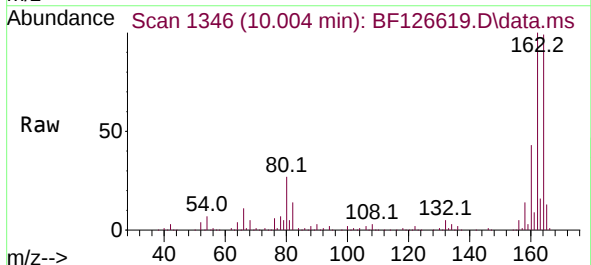
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-8

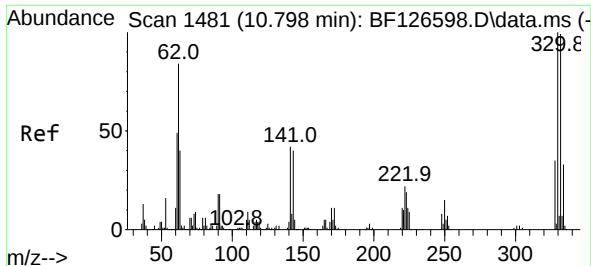
Tgt Ion: 82 Resp: 771396
 Ion Ratio Lower Upper
 82 100
 128 29.5 32.7 49.1#
 54 42.2 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.004 min Scan# 1346
 Delta R.T. -0.006 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

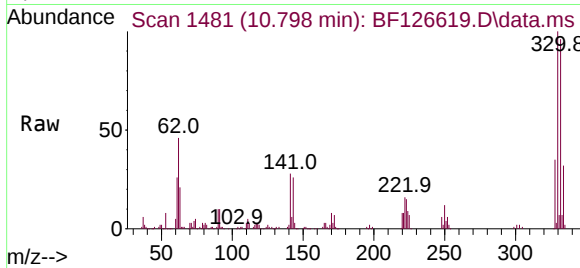
Tgt Ion: 164 Resp: 240497
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.0
 160 42.8 36.6 54.8



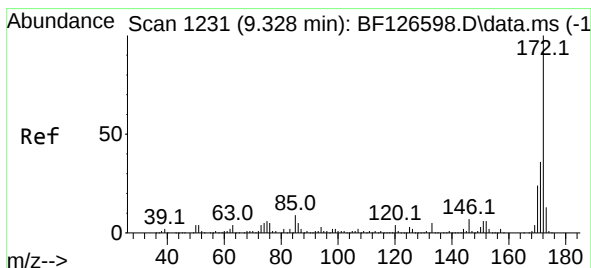
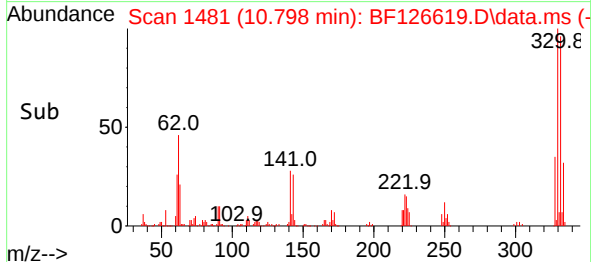
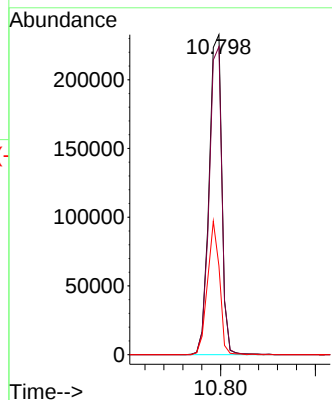


#42
2,4,6-Tribromophenol
Concen: 96.119 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-8

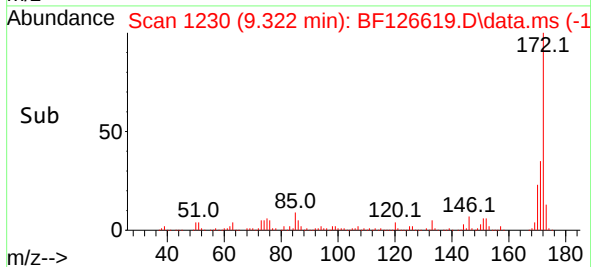
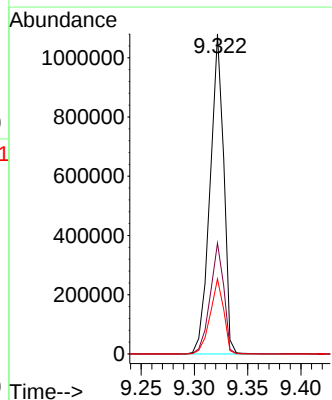
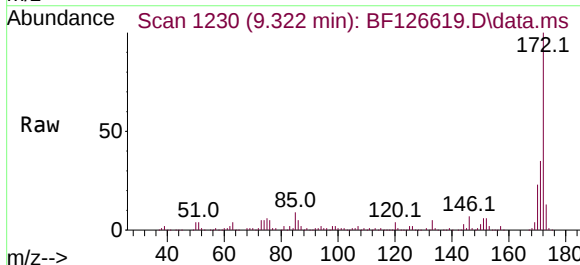


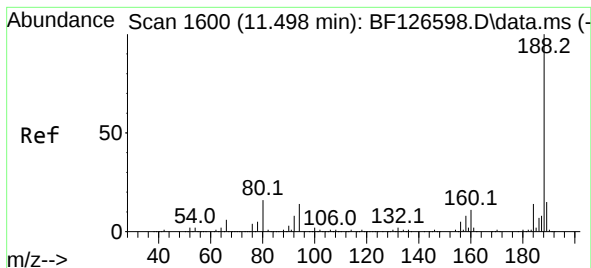
Tgt Ion: 330 Resp: 216334
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 39.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 61.631 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126619.D
Acq: 20 Jan 2022 18:59

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126619.D

Acq: 20 Jan 2022 18:59

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-8

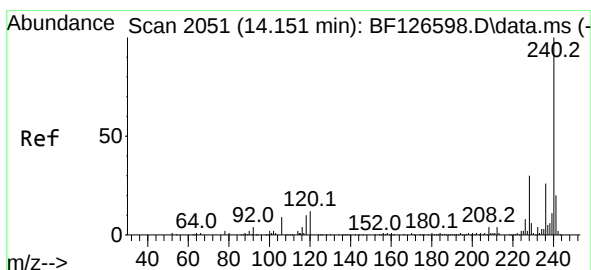
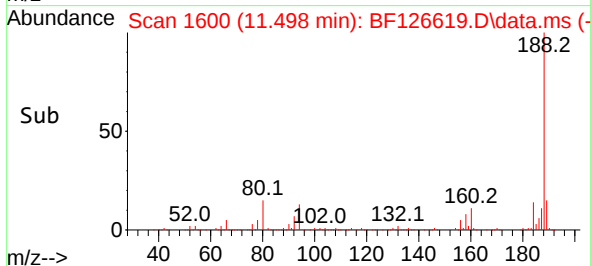
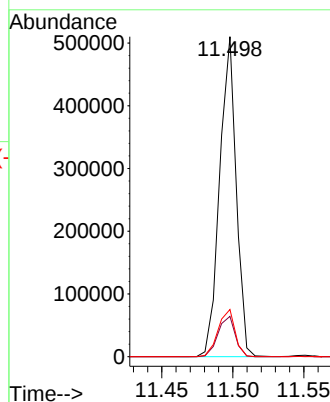
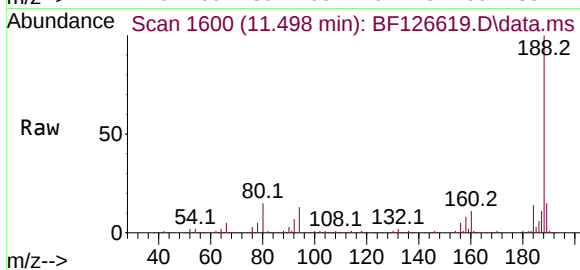
Tgt Ion:188 Resp: 413147

Ion Ratio Lower Upper

188 100

94 12.6 10.1 15.1

80 14.7 11.8 17.6



#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

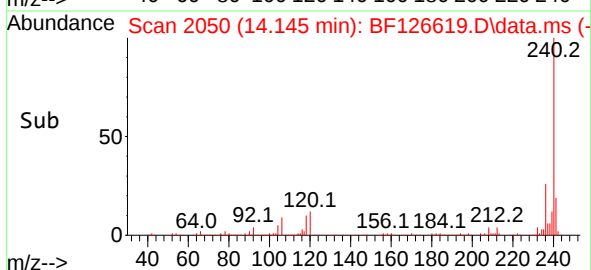
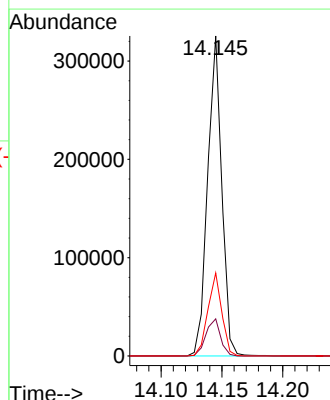
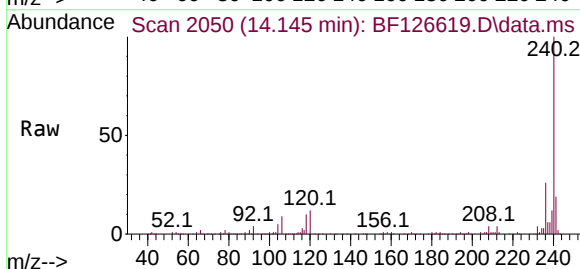
Tgt Ion:240 Resp: 262102

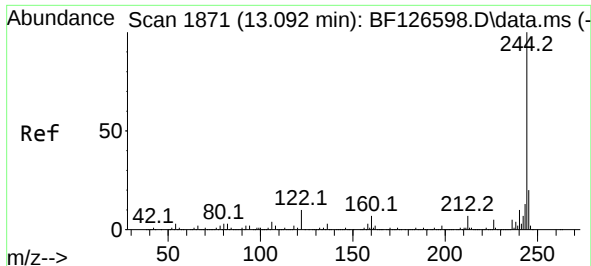
Ion Ratio Lower Upper

240 100

120 11.6 14.4 21.6#

236 26.0 20.5 30.7

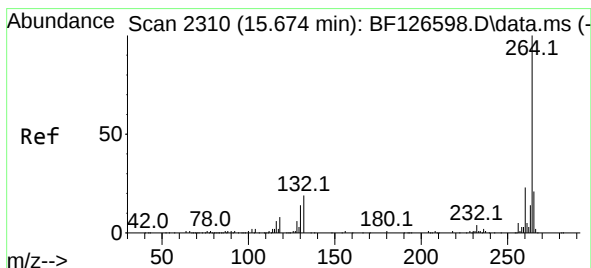
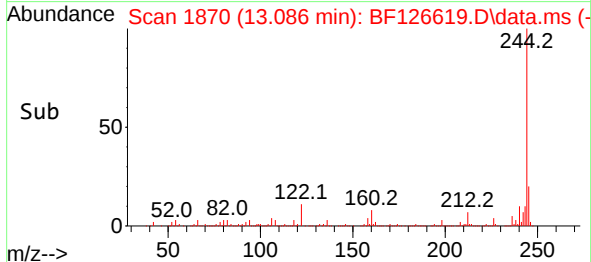
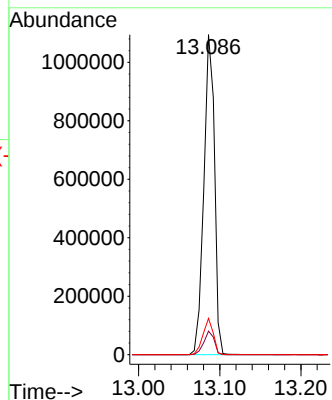
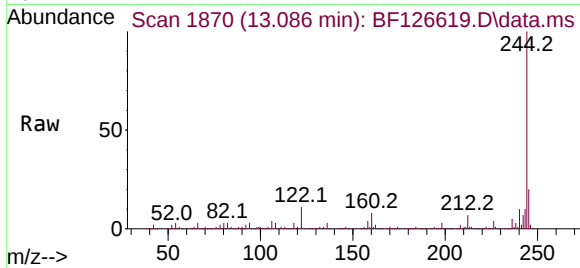




#79
 Terphenyl-d14
 Concen: 63.767 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-8

Tgt Ion: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# 2310
 Delta R.T. -0.000 min
 Lab File: BF126619.D
 Acq: 20 Jan 2022 18:59

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

