

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126623.D
 Acq On : 20 Jan 2022 20:45
 Operator : CG/JU
 Sample : N1189-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-12

Quant Time: Jan 21 04:15:27 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	112882	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	431788	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	241708	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	427578	20.000	ng	0.00
76) Chrysene-d12	14.145	240	300744	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	219170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	780099	90.939	ng	0.00
7) Phenol-d6	6.575	99	1061680	89.078	ng	0.00
23) Nitrobenzene-d5	7.522	82	769738	69.776	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	221735	98.026	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	973569	61.687	ng	0.00
79) Terphenyl-d14	13.086	244	1111121	61.968	ng	0.00

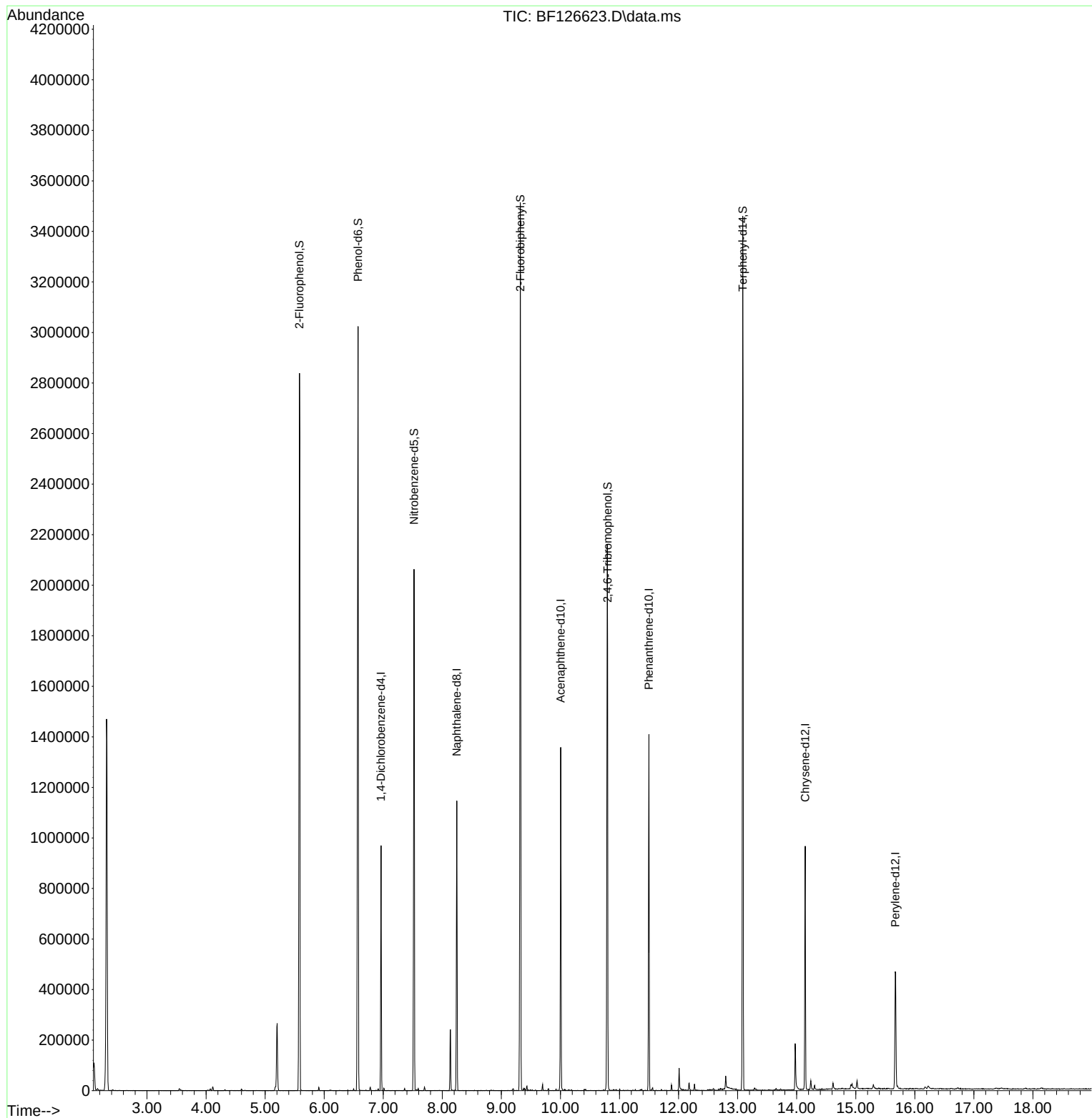
Target Compounds	Qvalue

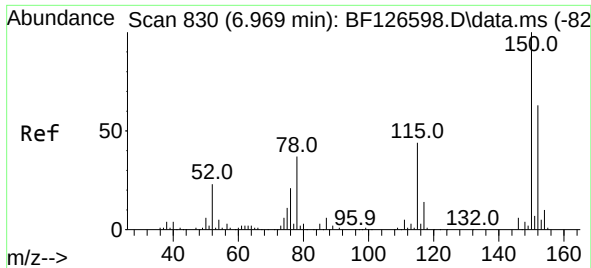
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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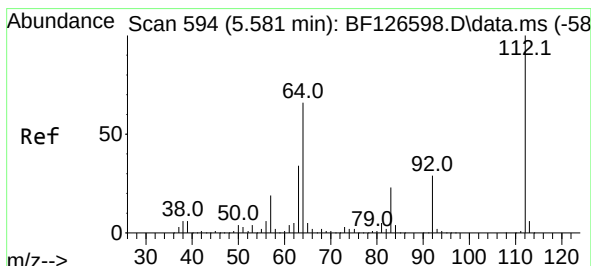
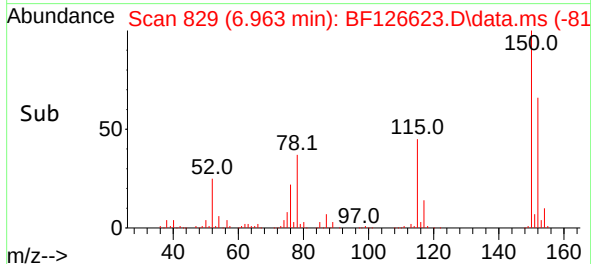
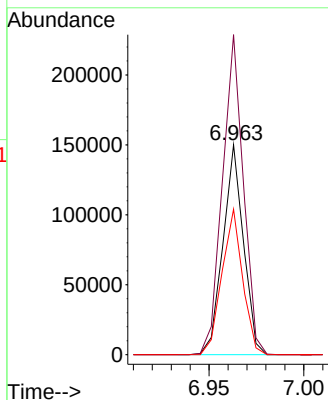
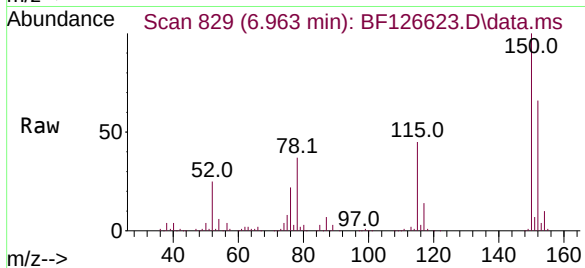




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

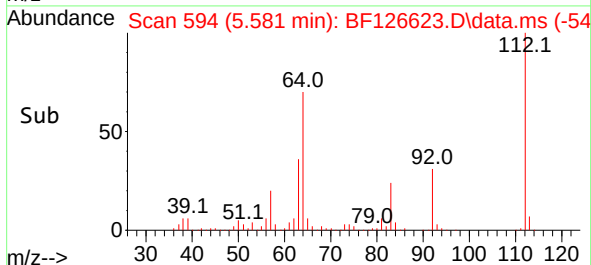
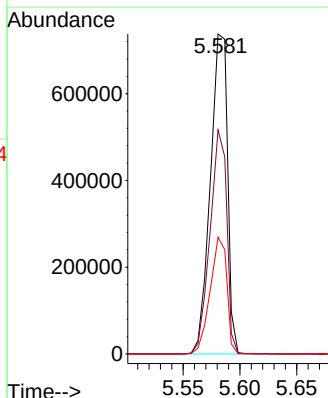
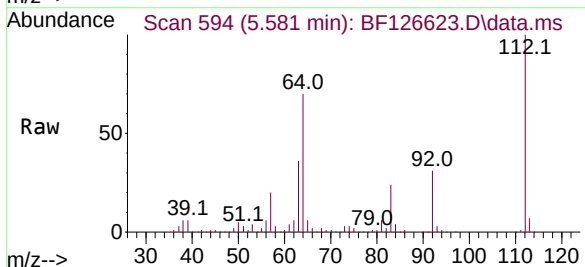
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

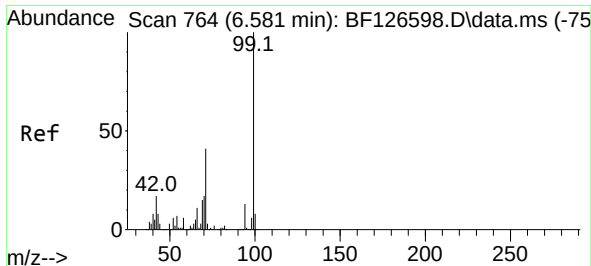
Tgt Ion:152 Resp: 112882
Ion Ratio Lower Upper
152 100
150 152.5 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 90.939 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:112 Resp: 780099
Ion Ratio Lower Upper
112 100
64 70.0 49.5 74.3
63 36.4 23.9 35.9#

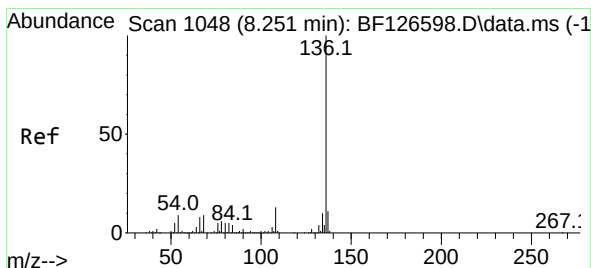
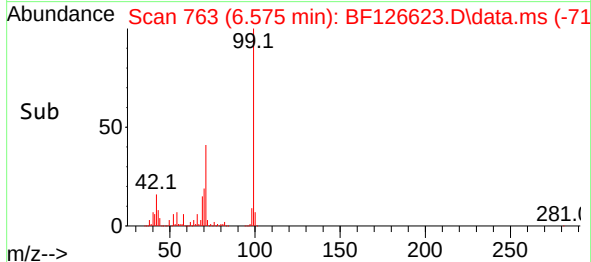
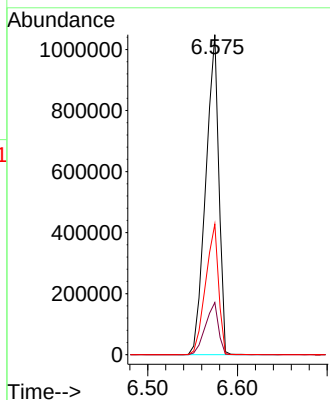
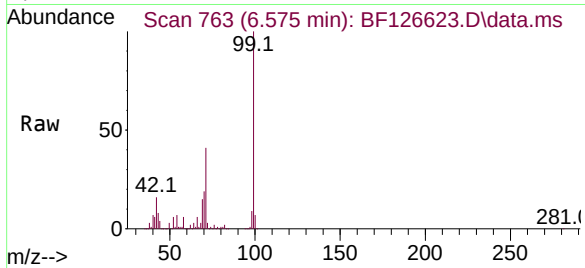




#7
Phenol-d6
Concen: 89.078 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

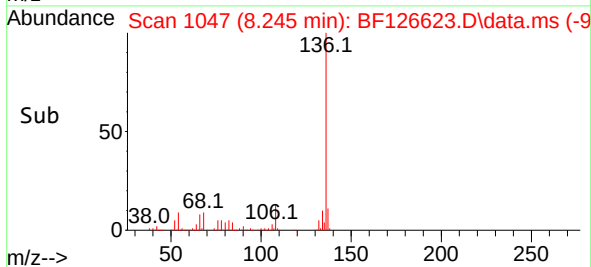
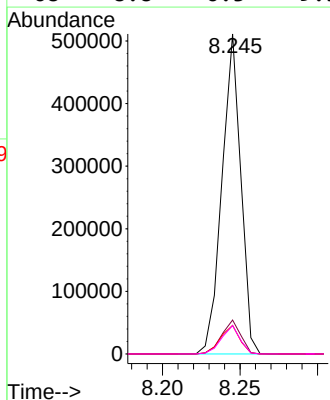
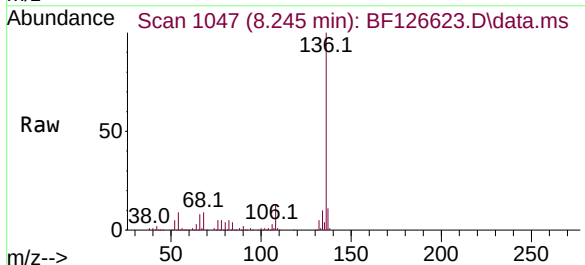
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

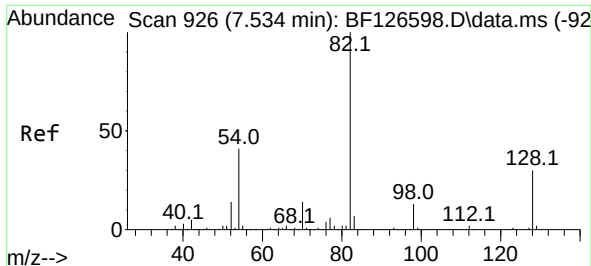
Tgt Ion: 99 Resp: 1061680
Ion Ratio Lower Upper
99 100
42 16.3 14.2 21.4
71 40.8 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion: 136 Resp: 431788
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.8 11.6
68 8.8 6.3 9.5

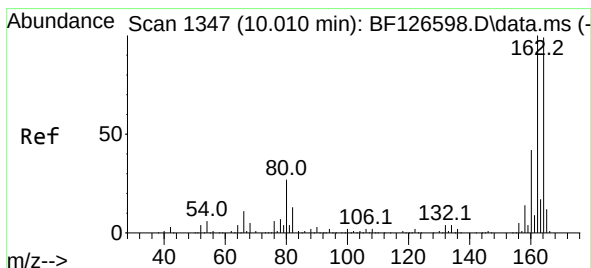
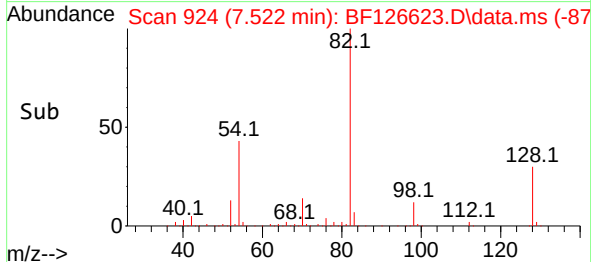
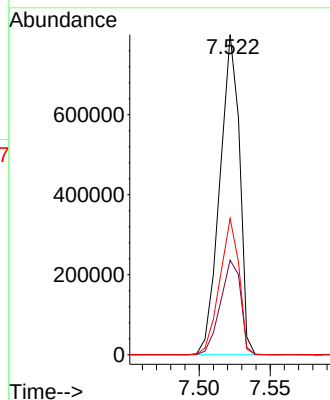
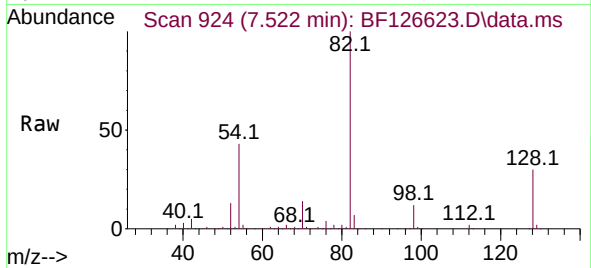




#23
Nitrobenzene-d5
Concen: 69.776 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

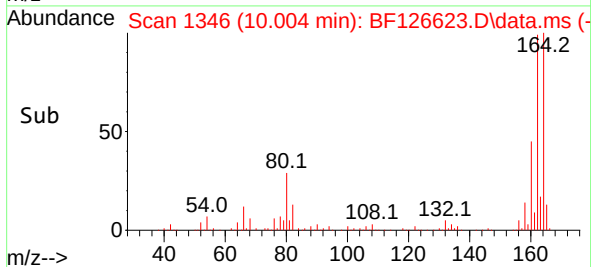
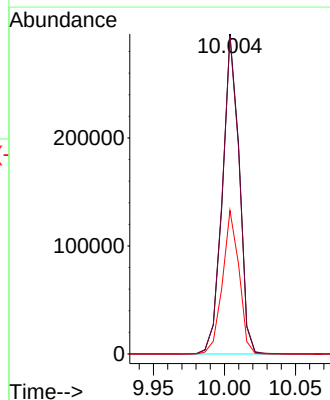
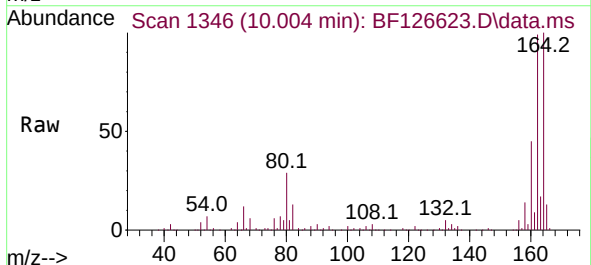
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-12

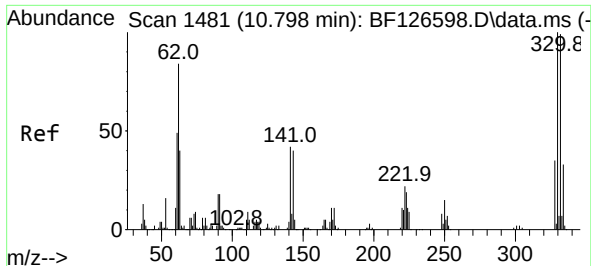
Tgt Ion: 82 Resp: 769738
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 42.5 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion: 164 Resp: 241708
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 98.026 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.000 min

Lab File: BF126623.D

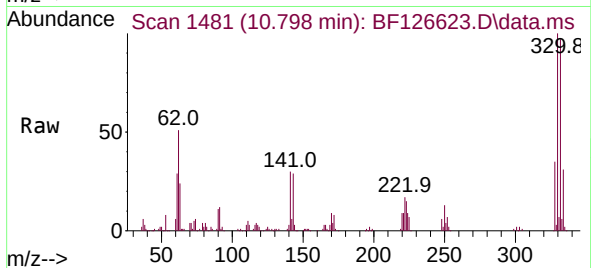
Acq: 20 Jan 2022 20:45

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-12



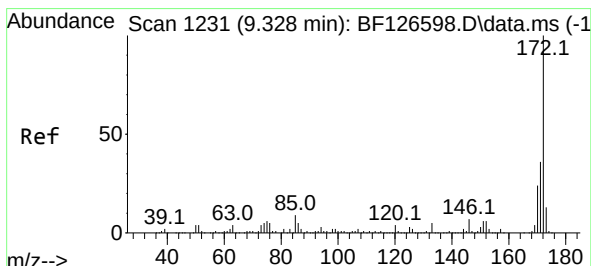
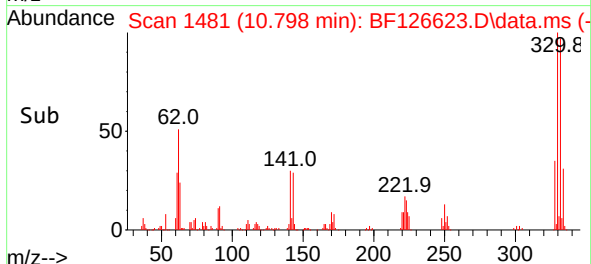
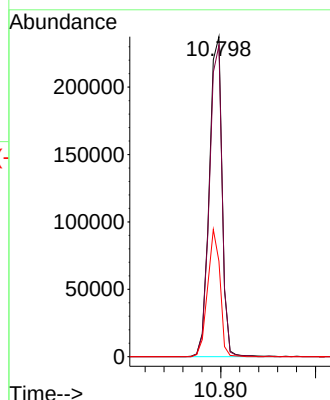
Tgt Ion:330 Resp: 221735

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 38.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 61.687 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126623.D

Acq: 20 Jan 2022 20:45

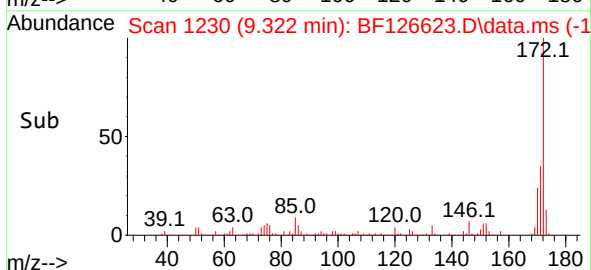
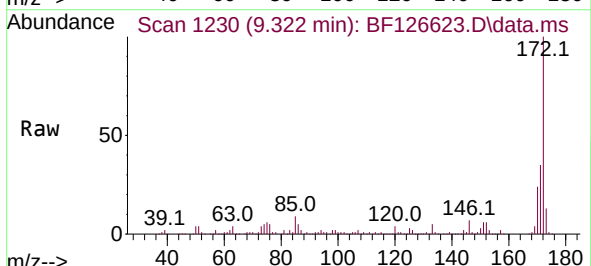
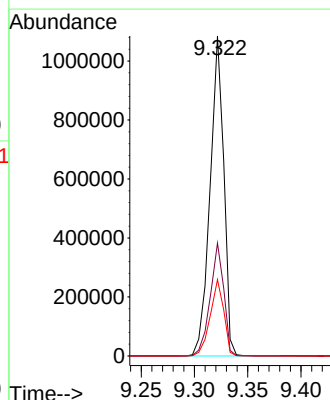
Tgt Ion:172 Resp: 973569

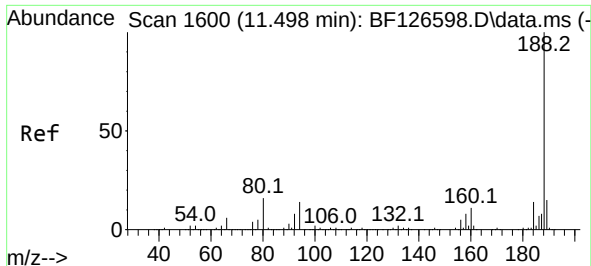
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.0 28.6

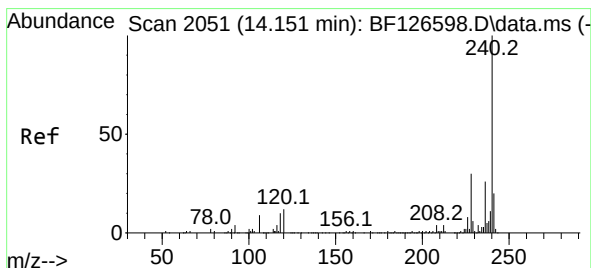
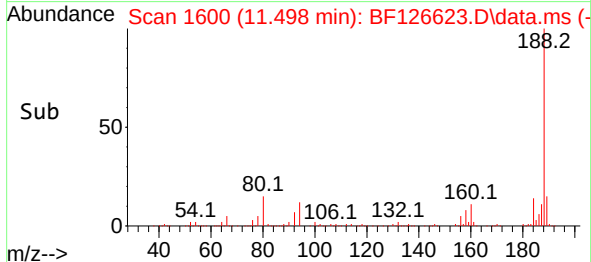
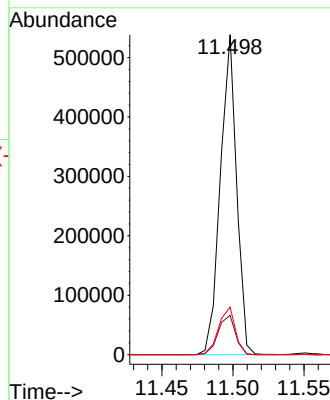
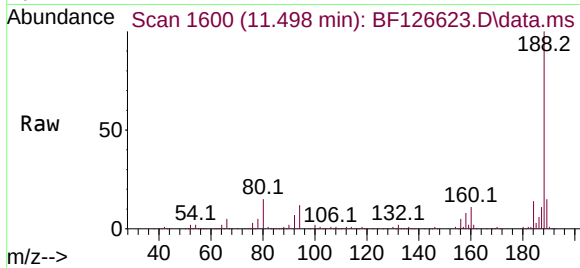




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

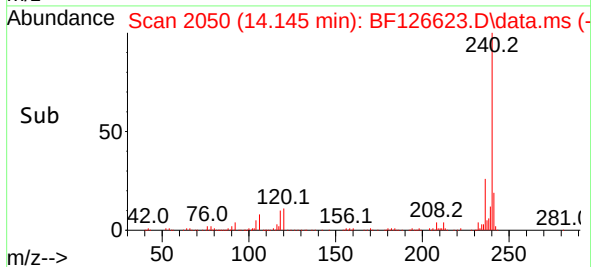
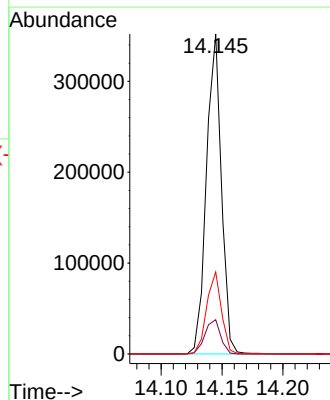
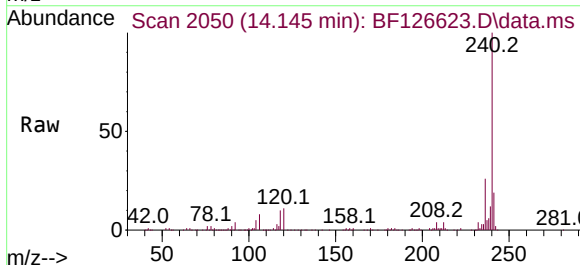
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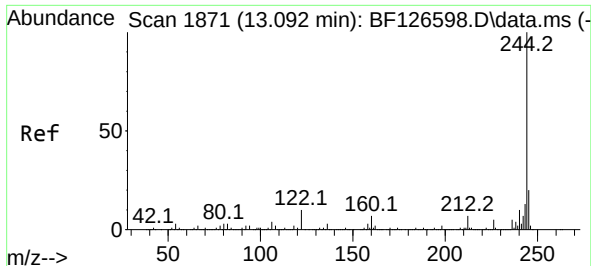
Tgt Ion:188 Resp: 427578
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 14.9 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126623.D
Acq: 20 Jan 2022 20:45

Tgt Ion:240 Resp: 300744
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 25.7 20.5 30.7

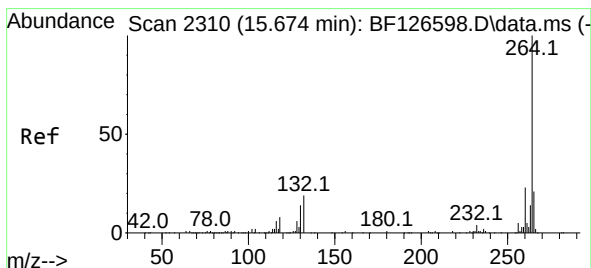
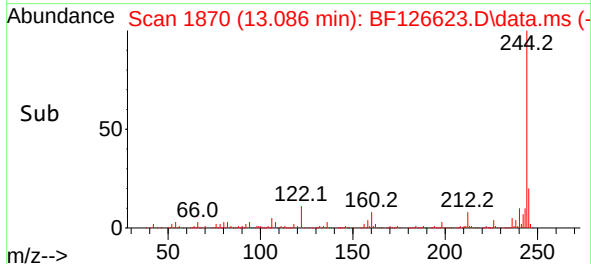
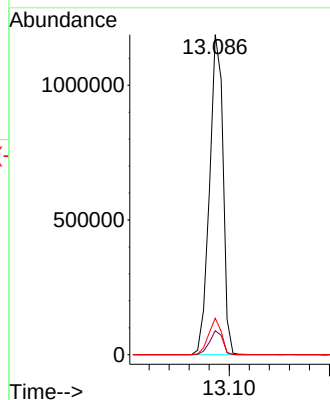
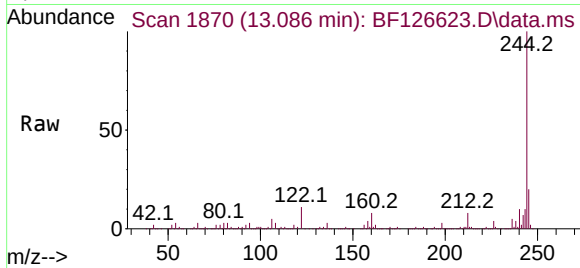




#79
 Terphenyl-d14
 Concen: 61.968 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126623.D
 Acq: 20 Jan 2022 20:45

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1111121
 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: 15.668 min Scan# 2309
 Delta R.T. -0.006 min
 Lab File: BF126623.D
 Acq: 20 Jan 2022 20:45

Tgt Ion:264 Resp: 219170
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.8 17.4 26.2

