

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126614.D
 Acq On : 20 Jan 2022 16:45
 Operator : CG/JU
 Sample : N1189-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-3

Quant Time: Jan 20 17:42:33 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	104207	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	393376	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	215388	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	364722	20.000	ng	0.00
76) Chrysene-d12	14.145	240	213165	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	207788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	785329	99.169	ng	0.00
7) Phenol-d6	6.575	99	1070412	97.287	ng	0.00
23) Nitrobenzene-d5	7.522	82	779293	77.540	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	180809	89.700	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	919768	65.399	ng	0.00
79) Terphenyl-d14	13.086	244	861228	67.765	ng	0.00

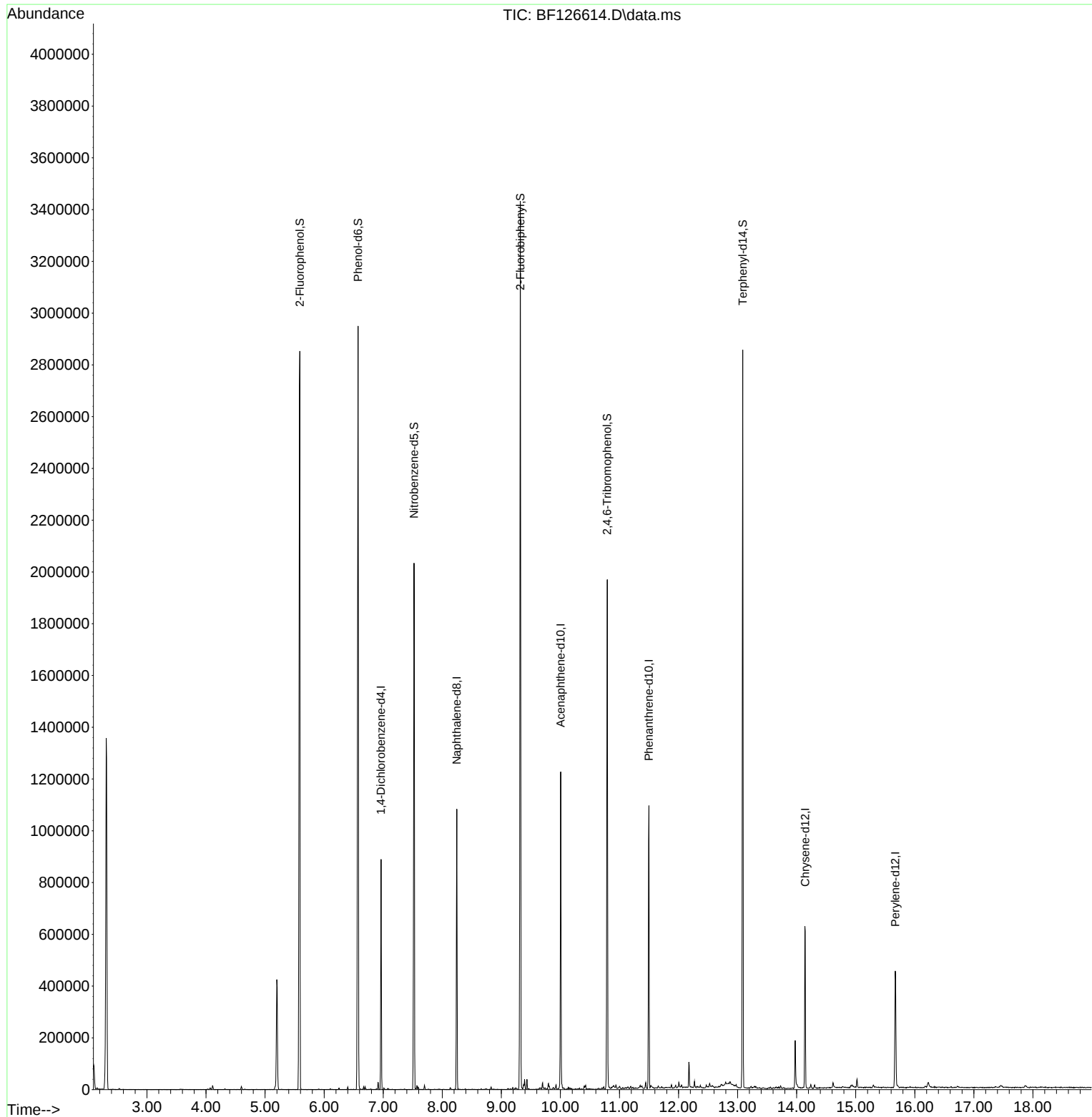
Target Compounds	Qvalue

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

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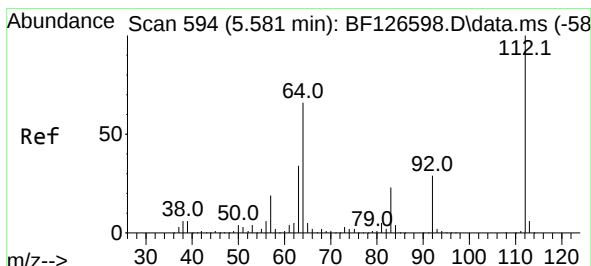
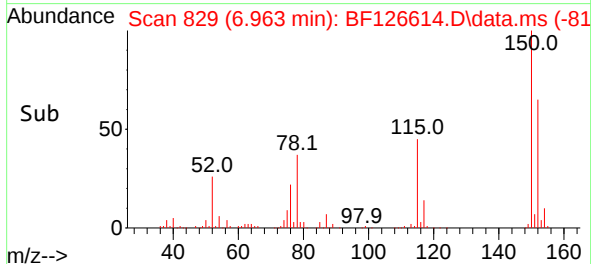
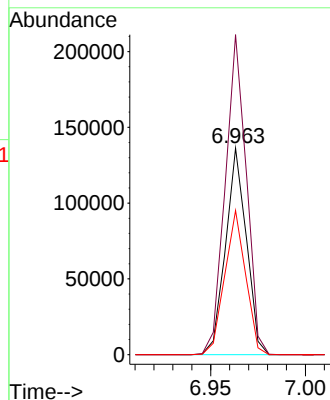
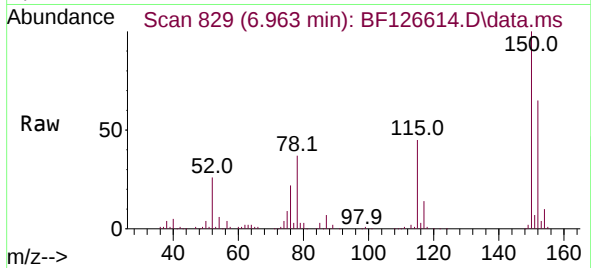




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

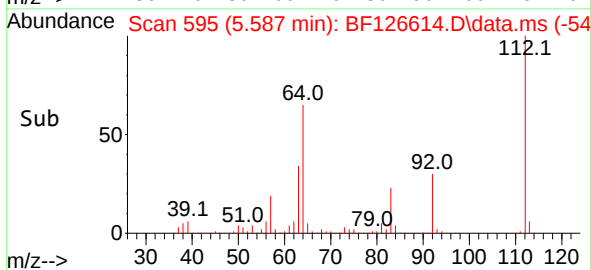
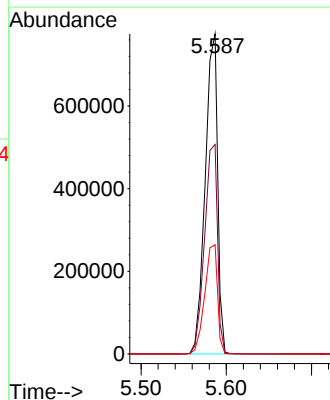
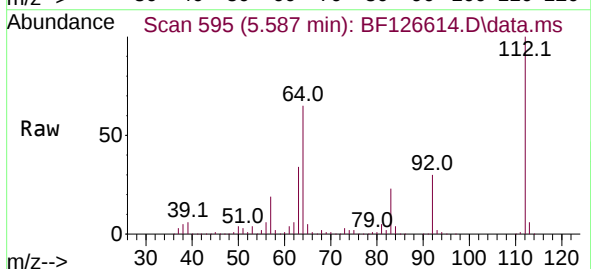
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

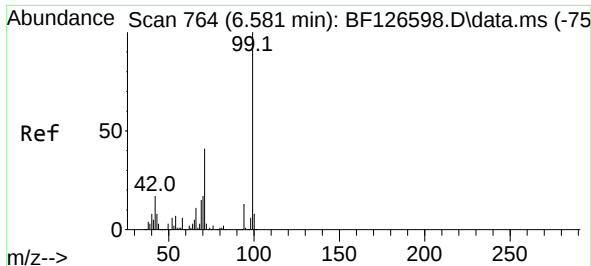
Tgt Ion:152 Resp: 104207
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 69.8 56.7 85.1



#5
2-Fluorophenol
Concen: 99.169 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion:112 Resp: 785329
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 34.1 23.9 35.9

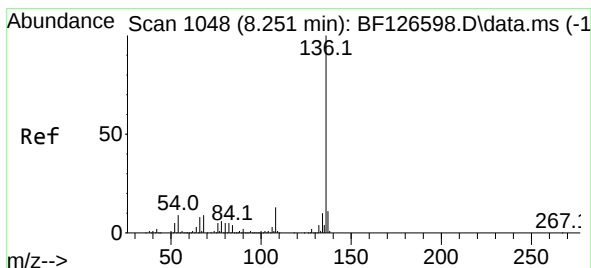
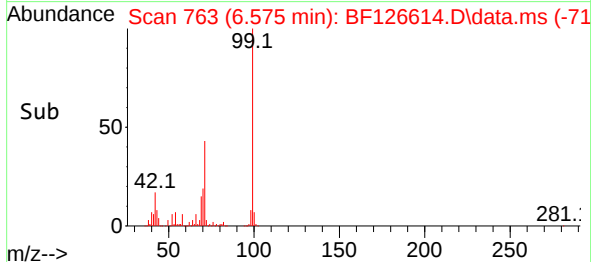
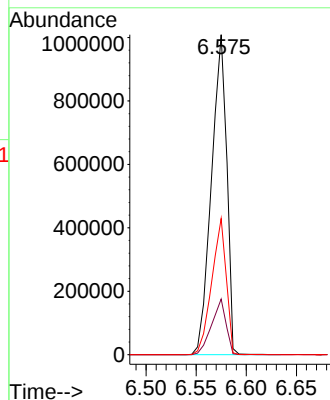
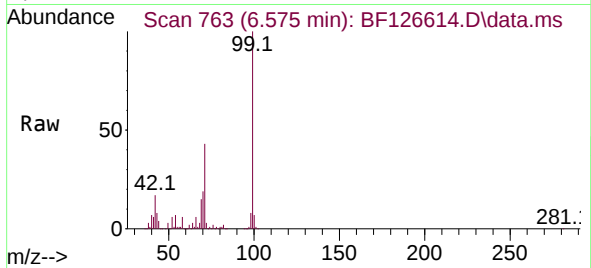




#7
Phenol-d6
Concen: 97.287 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

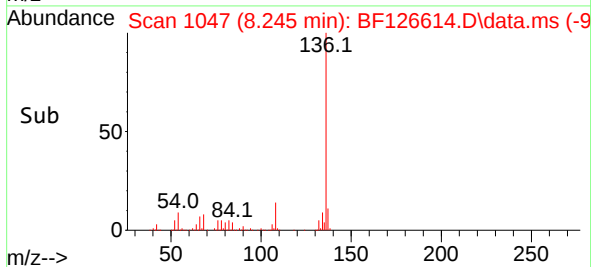
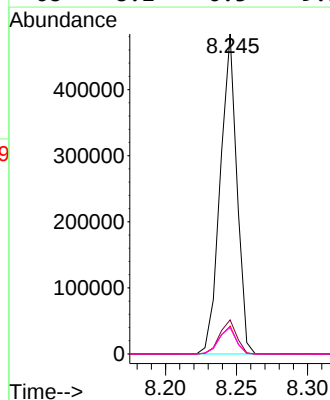
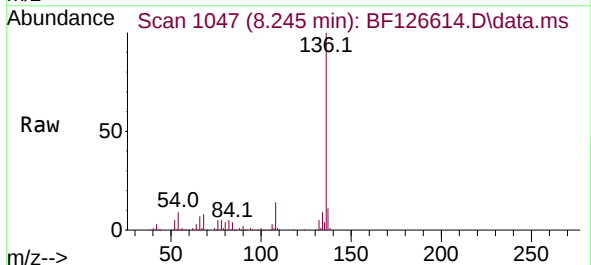
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

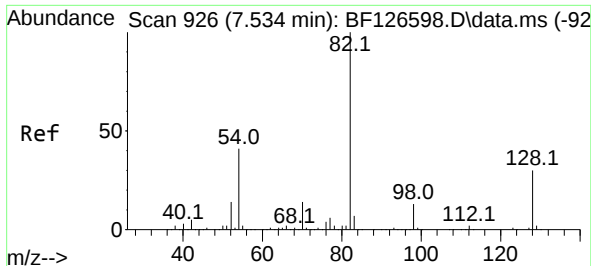
Tgt Ion: 99 Resp: 1070412
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 42.5 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion:136 Resp: 393376
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.8 11.6
68 8.2 6.3 9.5

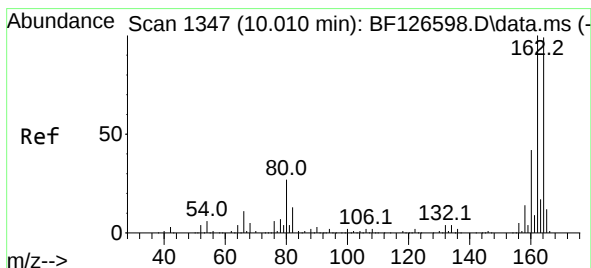
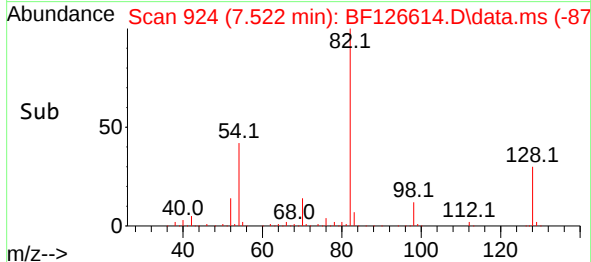
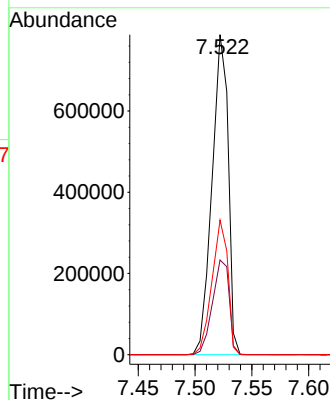
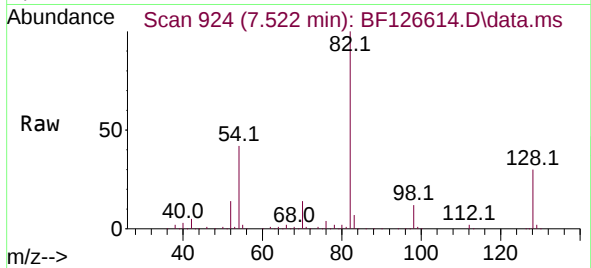




#23
Nitrobenzene-d5
Concen: 77.540 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

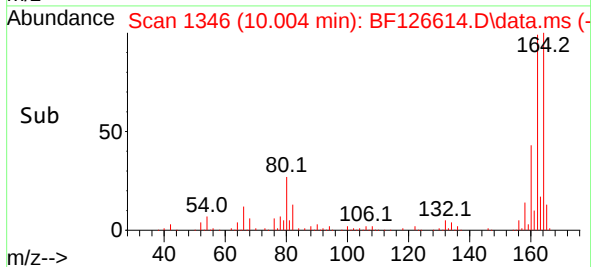
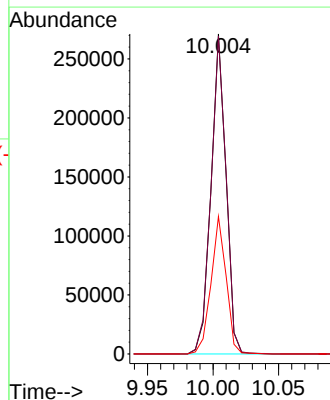
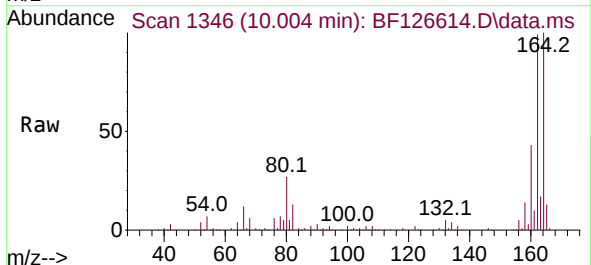
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-3

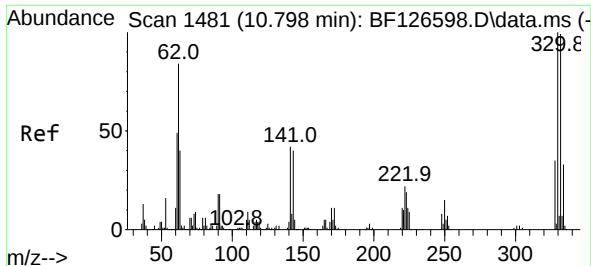
Tgt Ion: 82 Resp: 779293
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 42.1 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion: 164 Resp: 215388
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.0 36.6 54.8

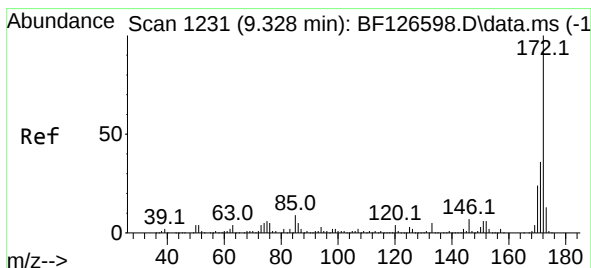
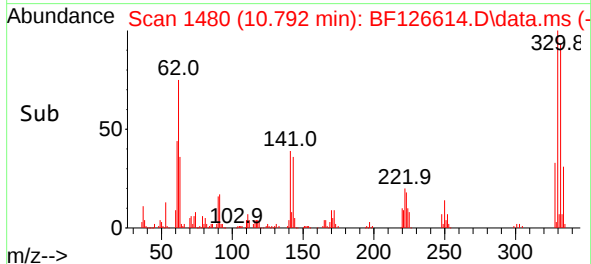
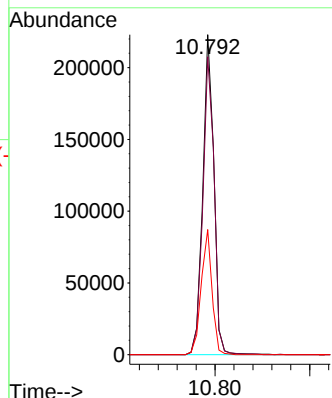
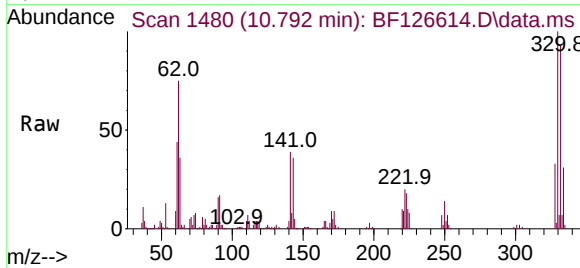




#42
2,4,6-Tribromophenol
Concen: 89.700 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

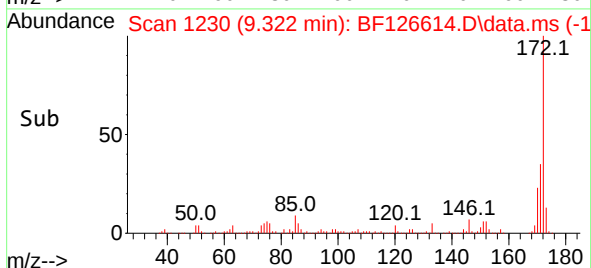
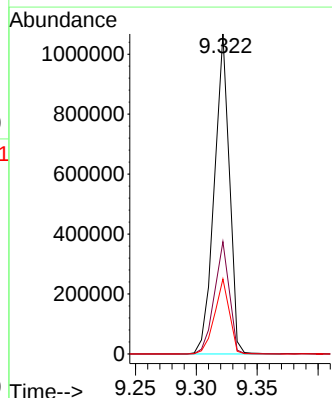
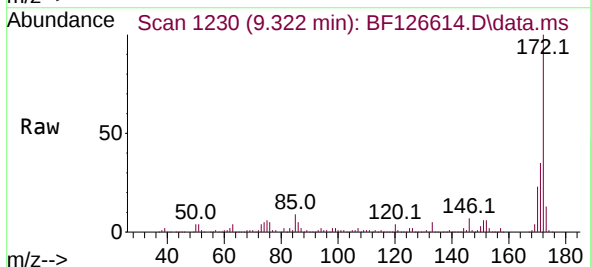
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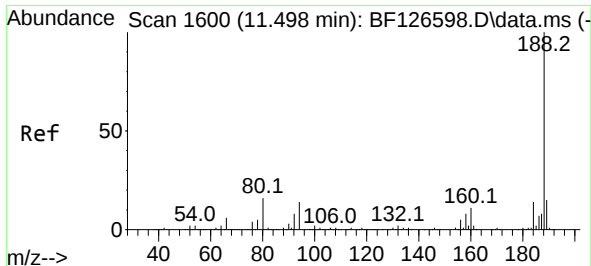
Tgt Ion:330 Resp: 180809
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 38.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.399 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion:172 Resp: 919768
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.0 28.6

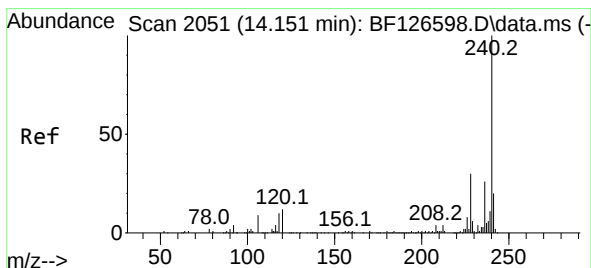
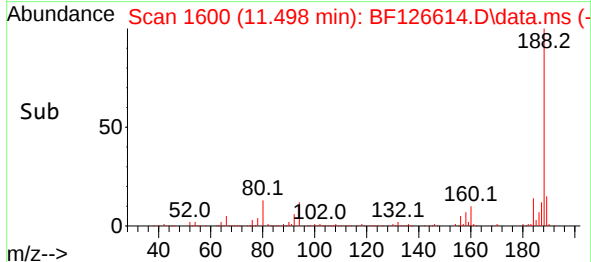
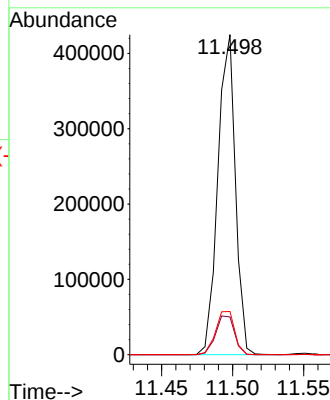
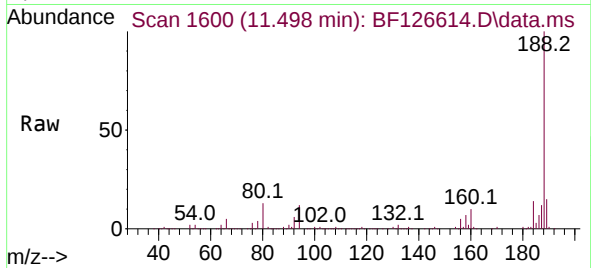




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

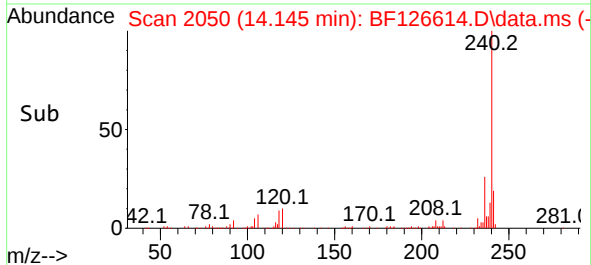
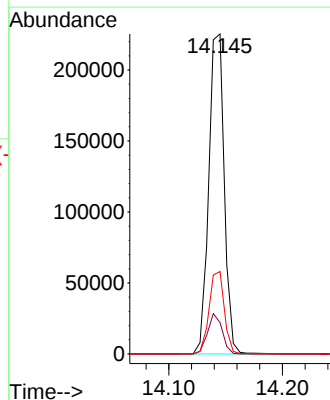
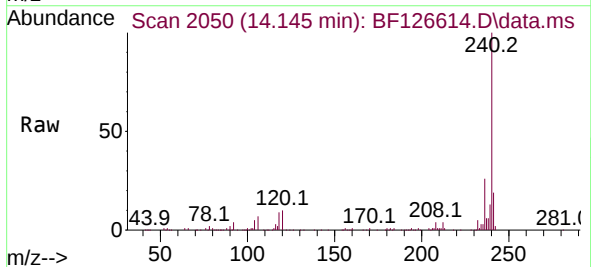
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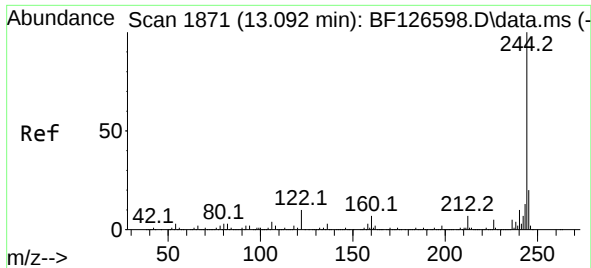
Tgt Ion:188 Resp: 364722
Ion Ratio Lower Upper
188 100
94 11.8 10.1 15.1
80 13.5 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126614.D
Acq: 20 Jan 2022 16:45

Tgt Ion:240 Resp: 213165
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 25.8 20.5 30.7

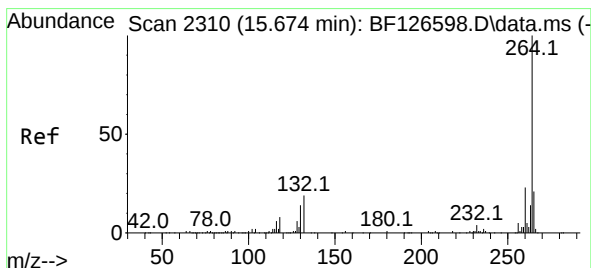
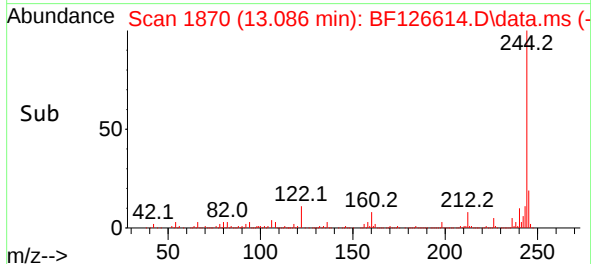
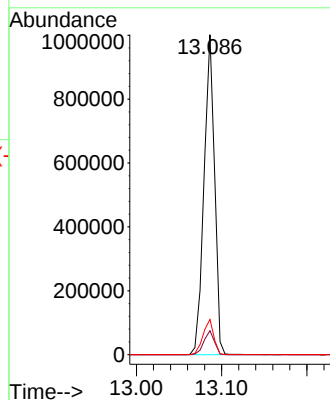
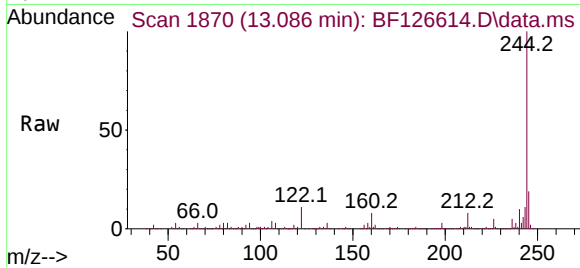




#79
 Terphenyl-d14
 Concen: 67.765 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126614.D
 Acq: 20 Jan 2022 16:45

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-3

Tgt Ion:244 Resp: 861228
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 11.0 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: BF126614.D
 Acq: 20 Jan 2022 16:45

Tgt Ion:264 Resp: 207788
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.9 17.4 26.2

