

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126615.D
 Acq On : 20 Jan 2022 17:12
 Operator : CG/JU
 Sample : N1189-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-4

Quant Time: Jan 20 17:42:54 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	109461	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	427876	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	236461	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	420816	20.000	ng	0.00
76) Chrysene-d12	14.145	240	298884	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	224676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	823912	99.048	ng	0.00
7) Phenol-d6	6.575	99	1119805	96.891	ng	0.00
23) Nitrobenzene-d5	7.522	82	815240	74.576	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	229773	103.833	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1037672	67.207	ng	0.00
79) Terphenyl-d14	13.092	244	1199686	67.323	ng	0.00

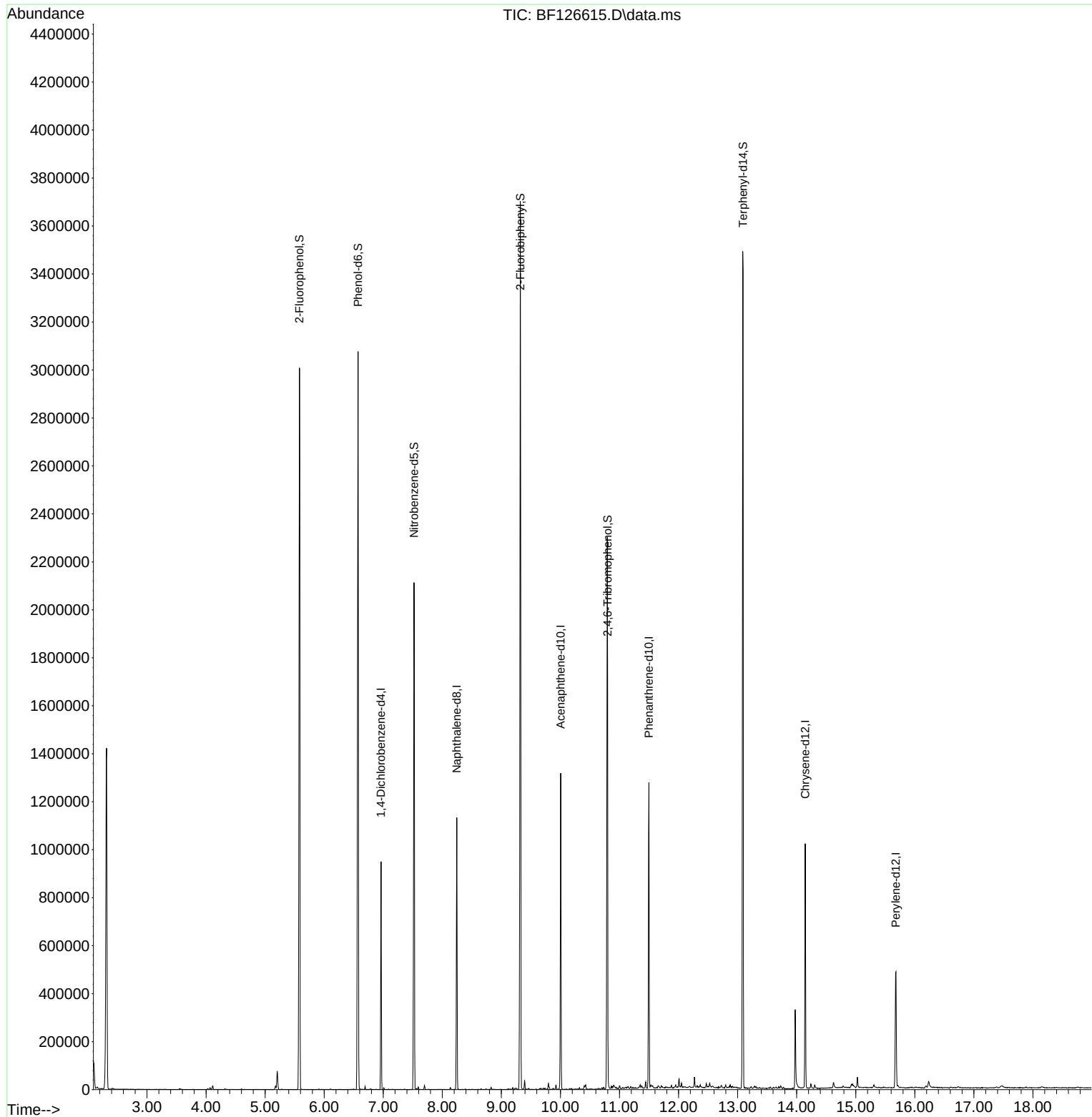
Target Compounds	Qvalue

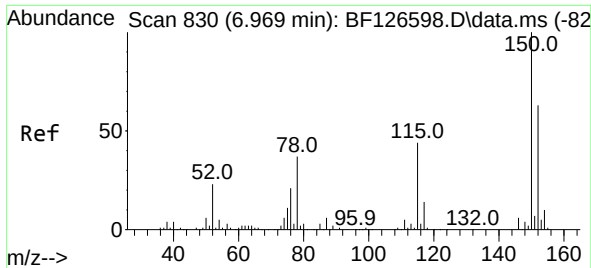
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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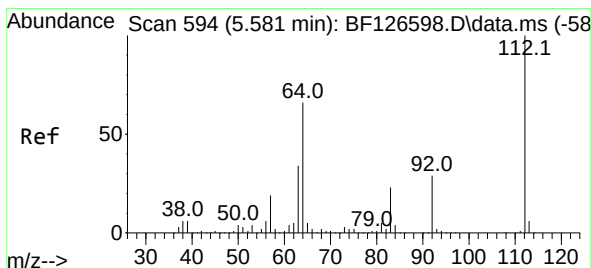
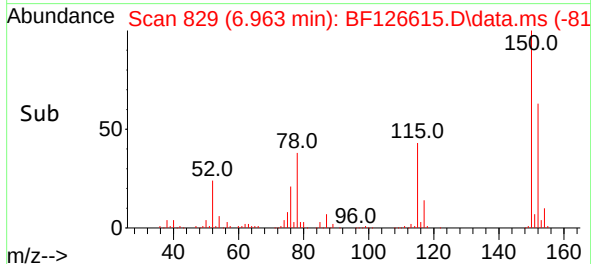
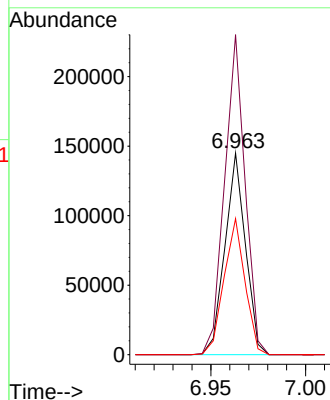
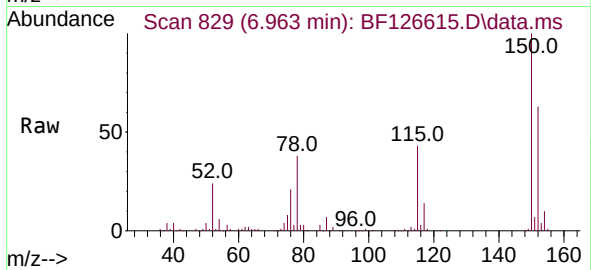




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

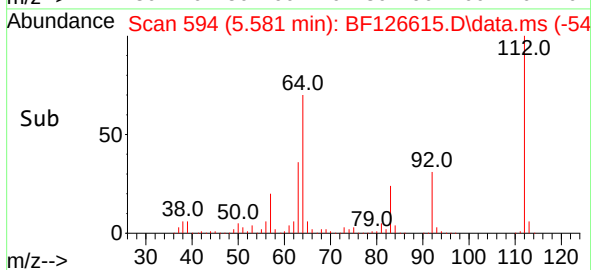
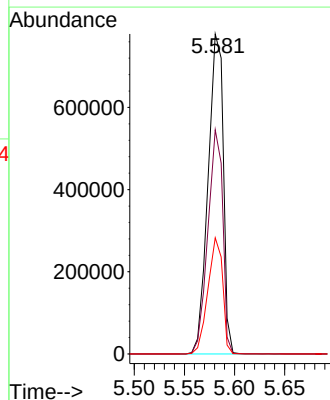
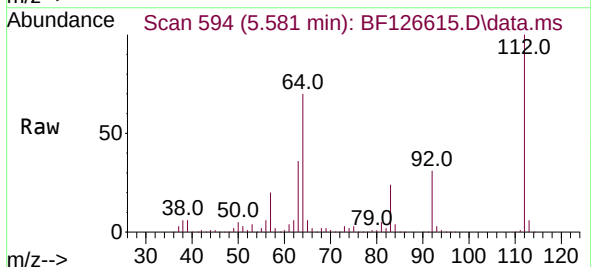
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-4

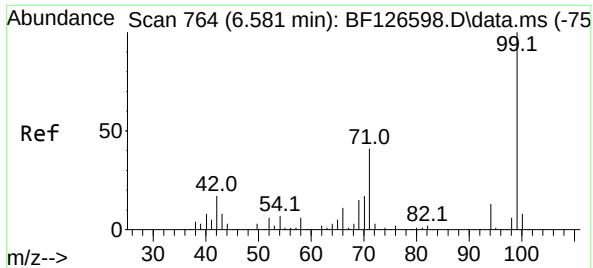
Tgt Ion:152 Resp: 109461
Ion Ratio Lower Upper
152 100
150 158.7 128.1 192.1
115 67.5 56.7 85.1



#5
2-Fluorophenol
Concen: 99.048 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

Tgt Ion:112 Resp: 823912
Ion Ratio Lower Upper
112 100
64 70.1 49.5 74.3
63 36.3 23.9 35.9#

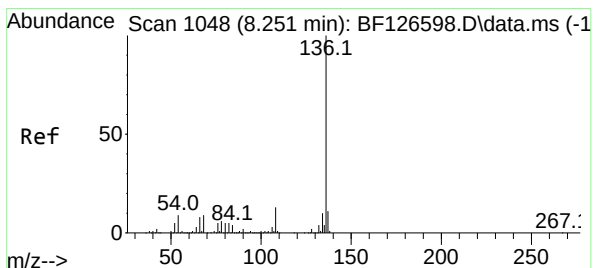
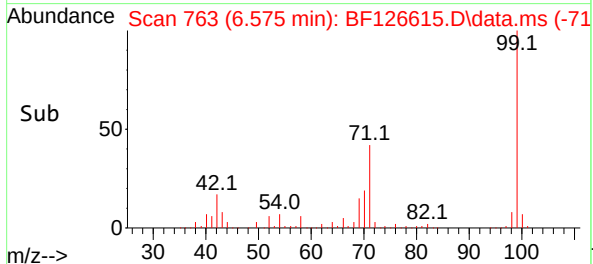
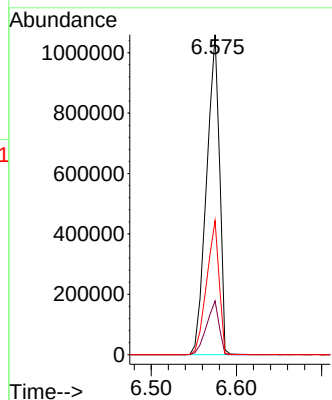
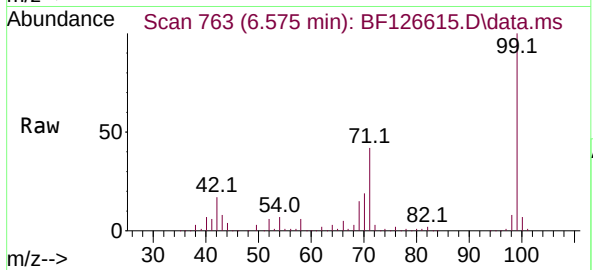




#7
Phenol-d6
Concen: 96.891 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

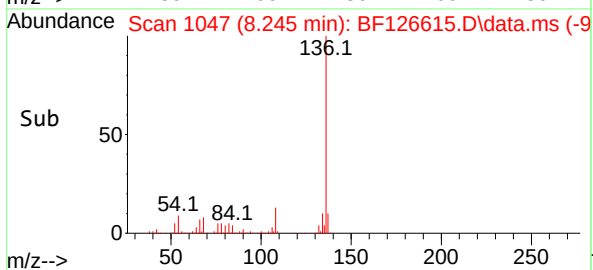
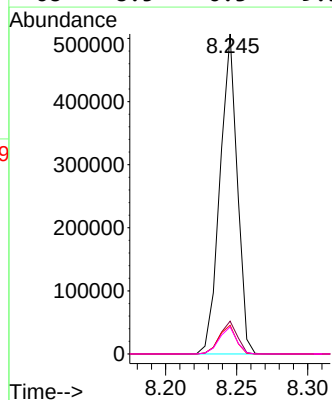
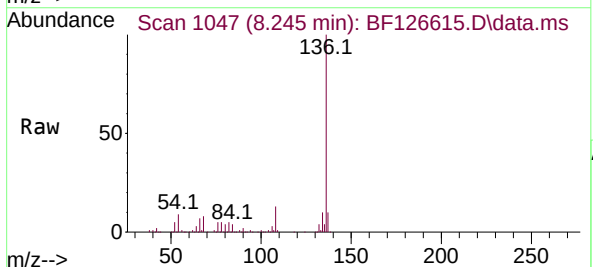
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-4

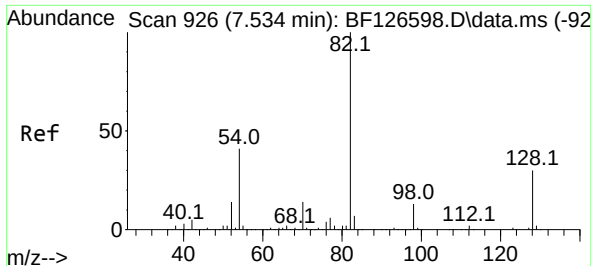
Tgt Ion: 99 Resp: 1119805
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 41.9 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

Tgt Ion: 136 Resp: 427876
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.9 7.8 11.6
68 8.5 6.3 9.5

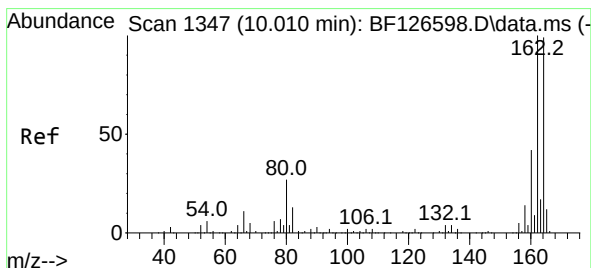
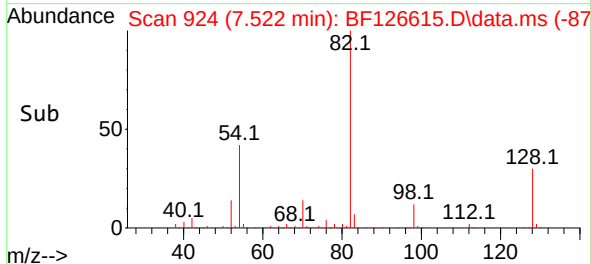
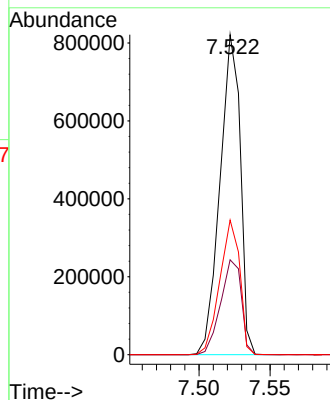
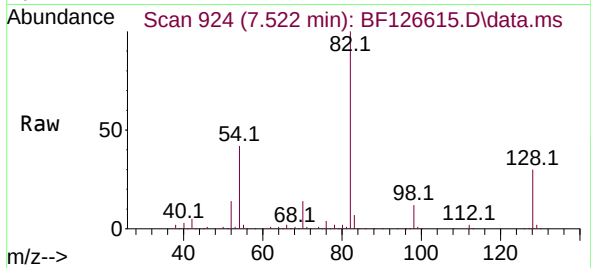




#23
Nitrobenzene-d5
Concen: 74.576 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

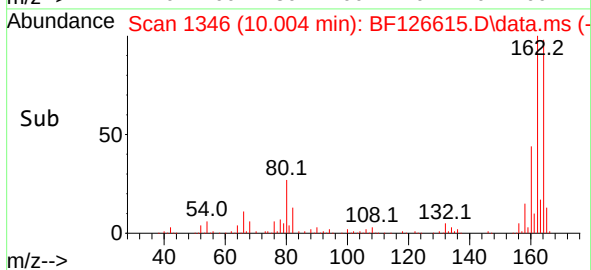
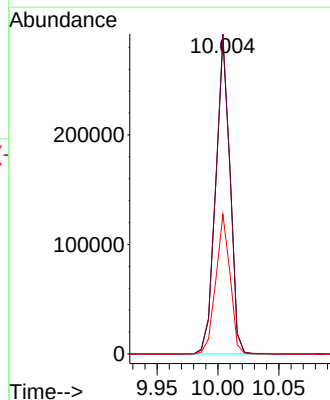
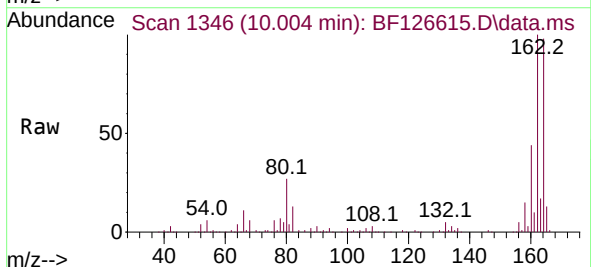
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-4

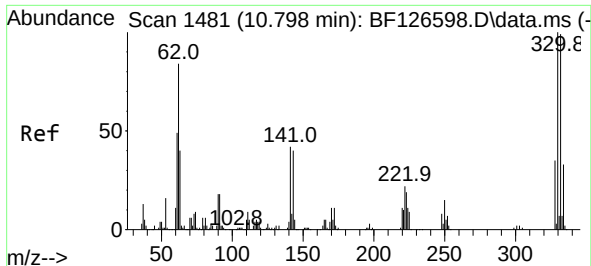
Tgt Ion: 82 Resp: 815240
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1#
54 42.0 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

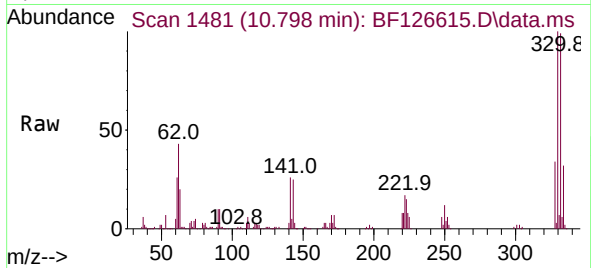
Tgt Ion: 164 Resp: 236461
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.4 36.6 54.8



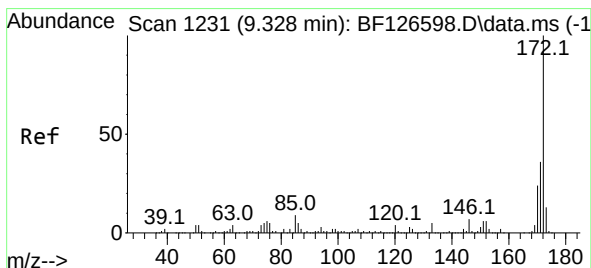
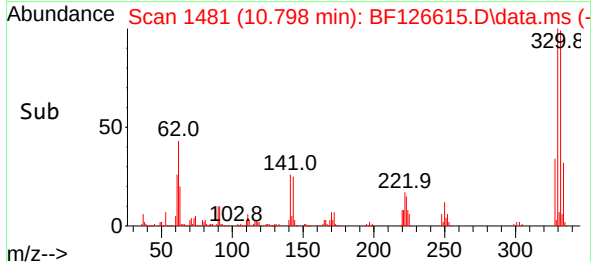
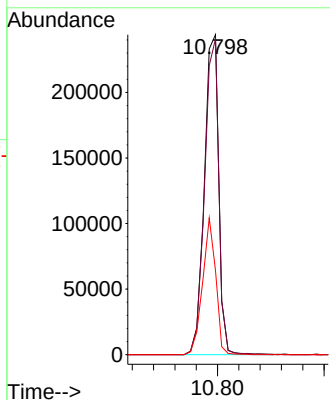


#42
2,4,6-Tribromophenol
Concen: 103.833 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-4

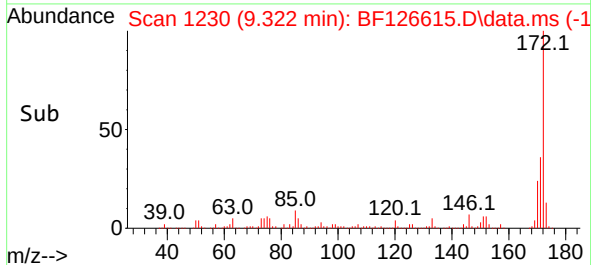
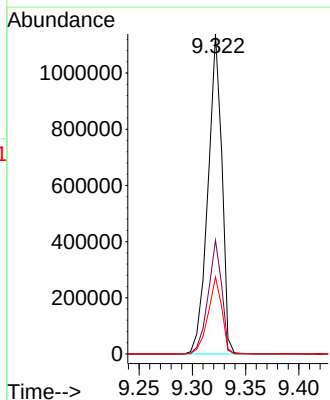
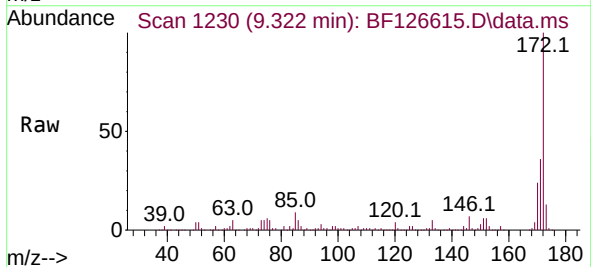


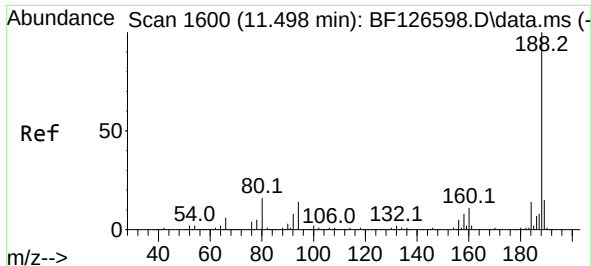
Tgt Ion: 330 Resp: 229773
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 39.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 67.207 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

Tgt Ion: 172 Resp: 1037672
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 24.1 19.0 28.6

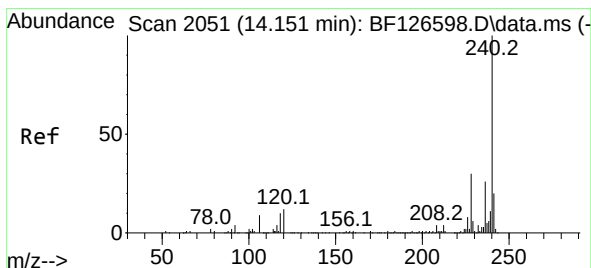
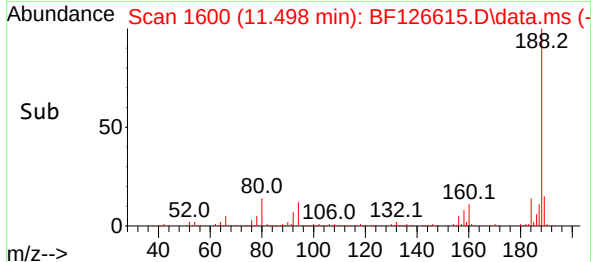
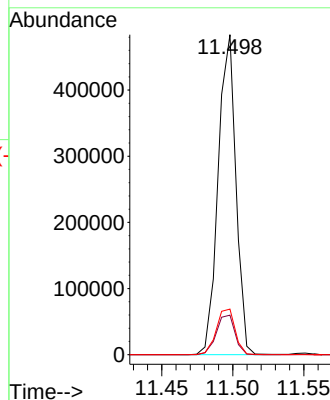
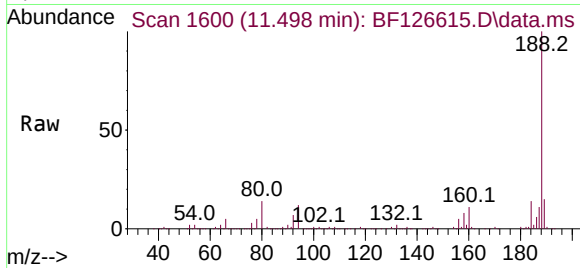




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

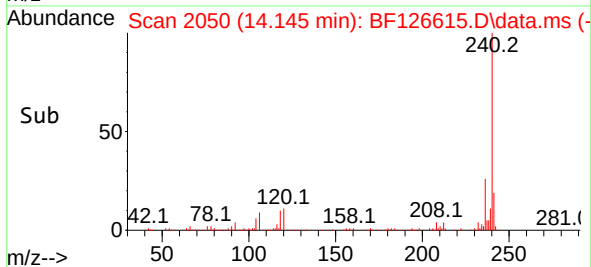
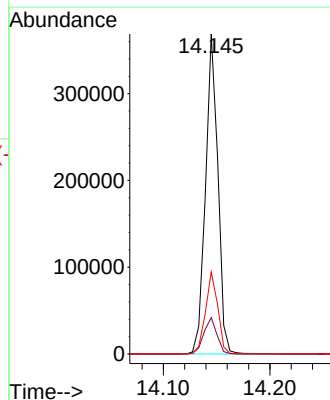
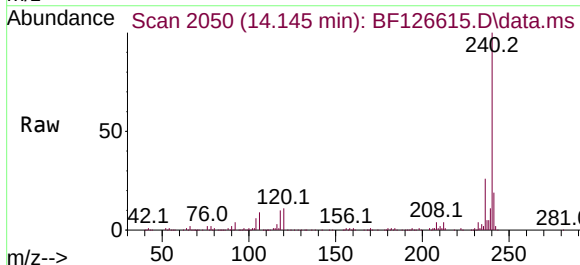
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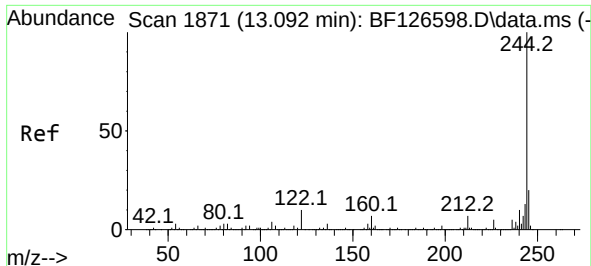
Tgt Ion:188 Resp: 420816
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 14.2 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126615.D
Acq: 20 Jan 2022 17:12

Tgt Ion:240 Resp: 298884
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 25.6 20.5 30.7

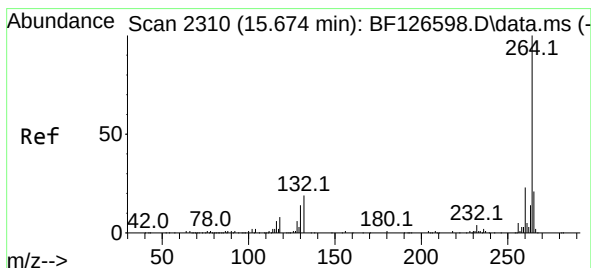
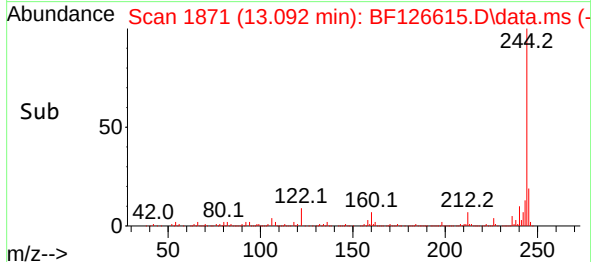
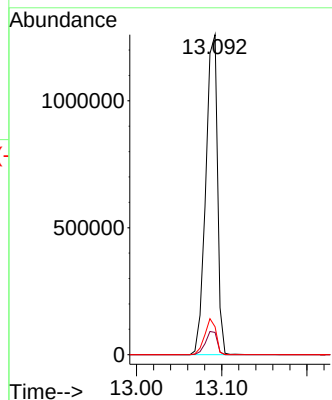
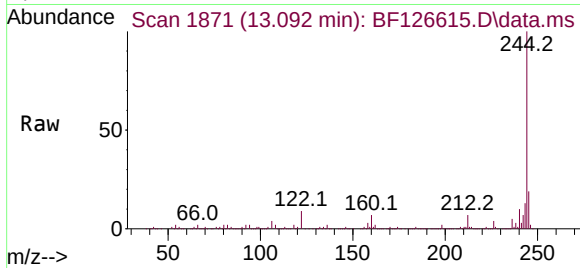




#79
 Terphenyl-d14
 Concen: 67.323 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126615.D
 Acq: 20 Jan 2022 17:12

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-4

Tgt Ion:244 Resp: 1199686
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 8.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2311
 Delta R.T. 0.006 min
 Lab File: BF126615.D
 Acq: 20 Jan 2022 17:12

Tgt Ion:264 Resp: 224676
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.6 17.4 26.2

