

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126624.D
 Acq On : 20 Jan 2022 21:12
 Operator : CG/JU
 Sample : N1189-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-13

Quant Time: Jan 21 04:15:36 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	114776	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	446456	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248858	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	433864	20.000	ng	0.00
76) Chrysene-d12	14.145	240	300147	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	229392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	875443	100.369	ng	0.00
7) Phenol-d6	6.575	99	1215633	100.312	ng	0.00
23) Nitrobenzene-d5	7.522	82	894542	78.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	252792	108.545	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1080230	66.478	ng	0.00
79) Terphenyl-d14	13.092	244	1182156	66.061	ng	0.00

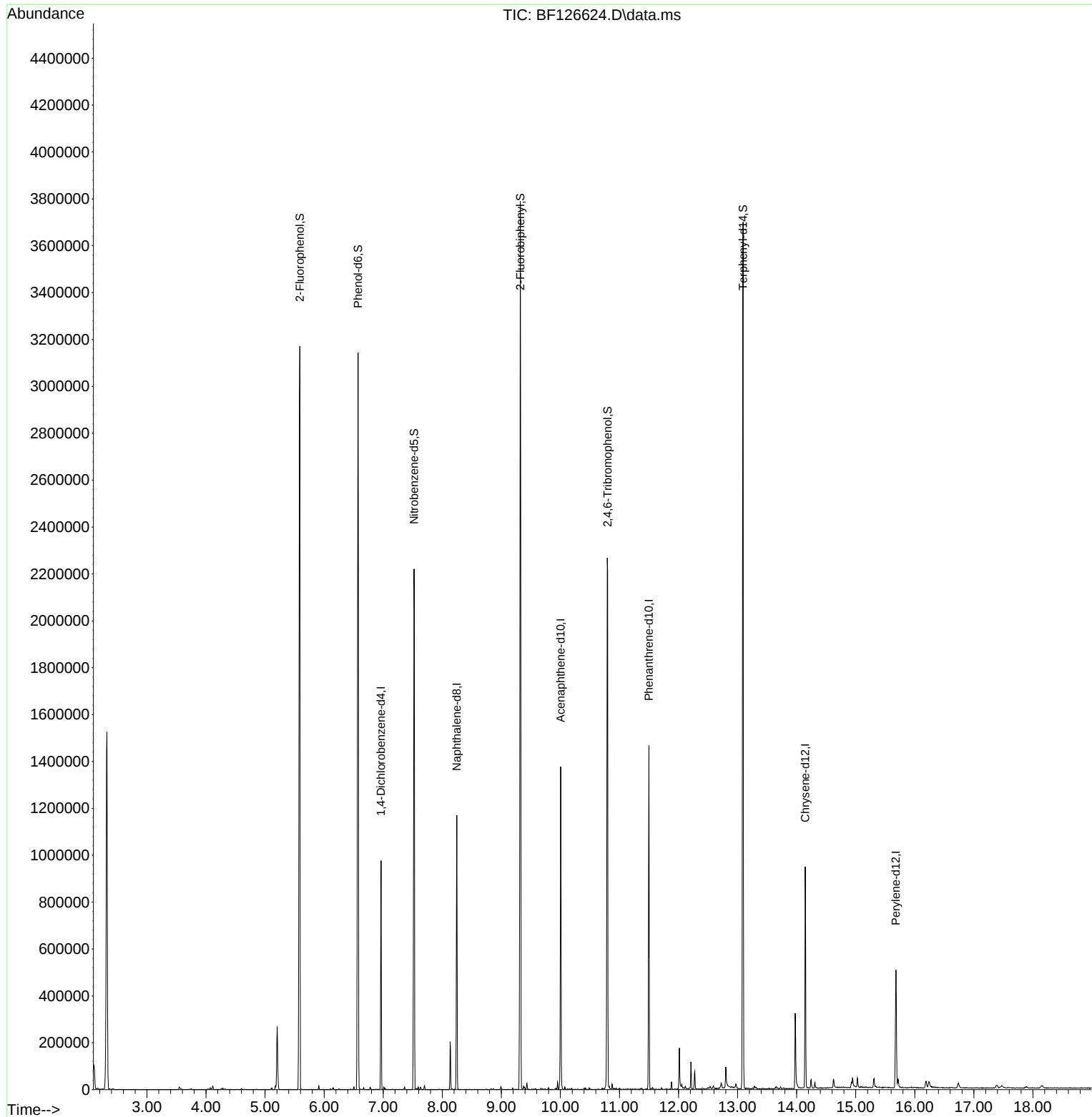
Target Compounds	Qvalue

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

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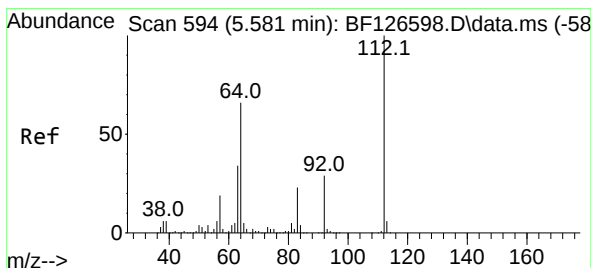
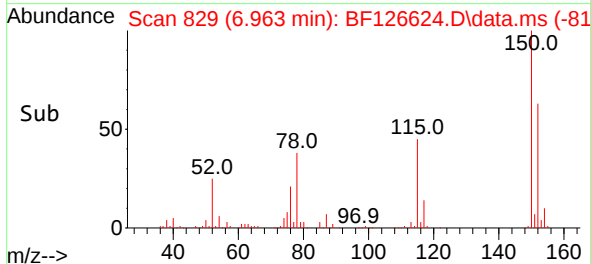
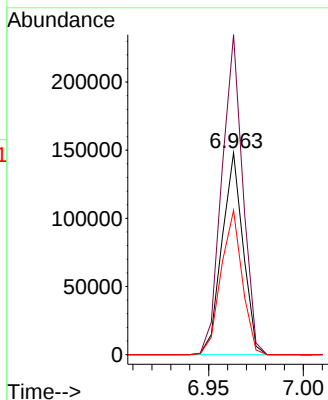
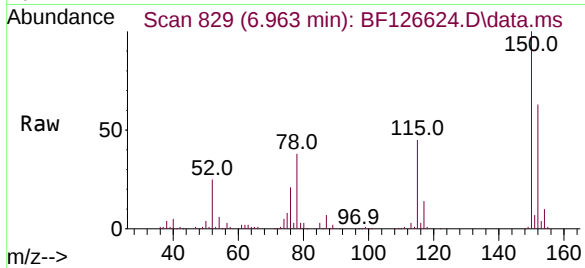




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126624.D
 Acq: 20 Jan 2022 21:12

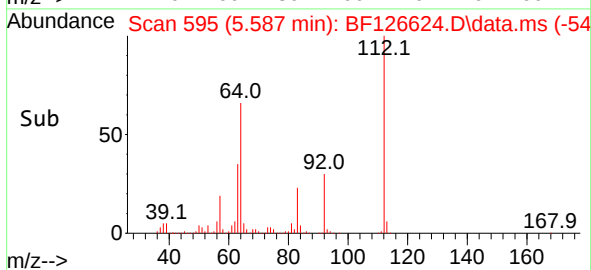
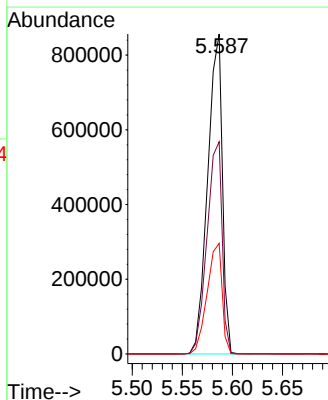
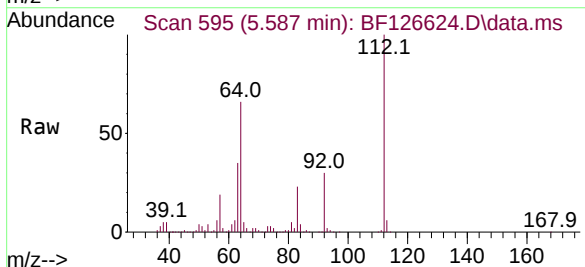
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-13

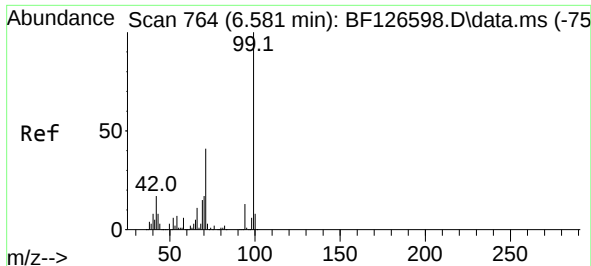
Tgt Ion:152 Resp: 114776
 Ion Ratio Lower Upper
 152 100
 150 158.5 128.1 192.1
 115 71.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 100.369 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.006 min
 Lab File: BF126624.D
 Acq: 20 Jan 2022 21:12

Tgt Ion:112 Resp: 875443
 Ion Ratio Lower Upper
 112 100
 64 66.3 49.5 74.3
 63 34.6 23.9 35.9

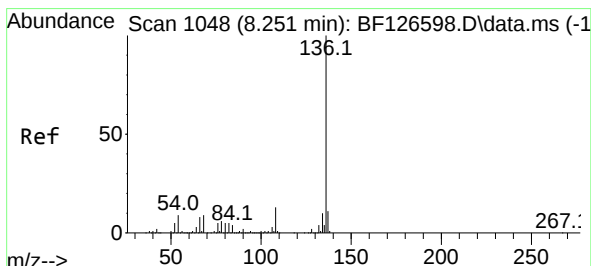
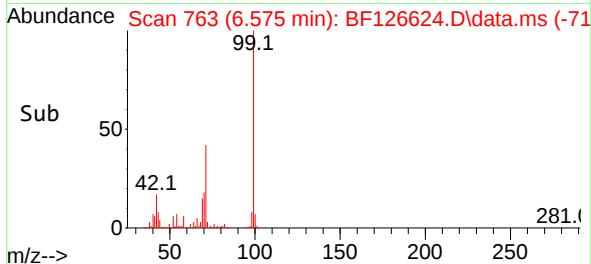
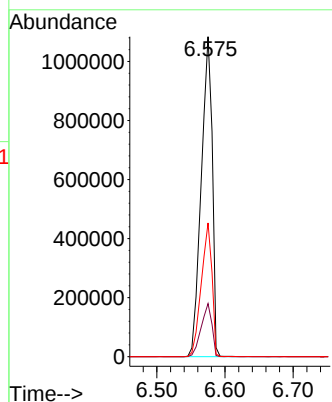
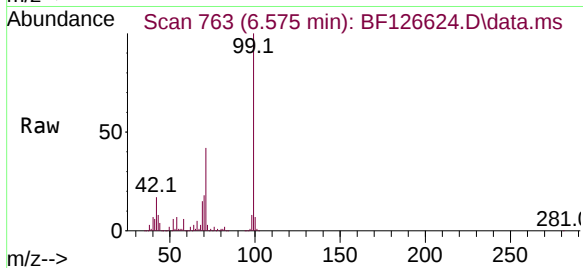




#7
Phenol-d6
Concen: 100.312 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

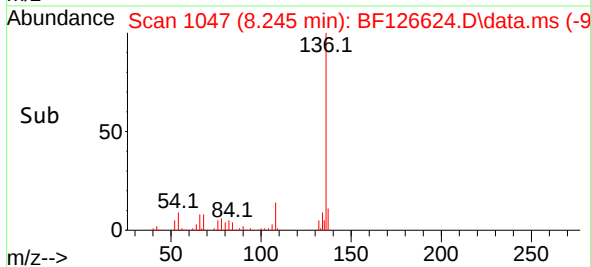
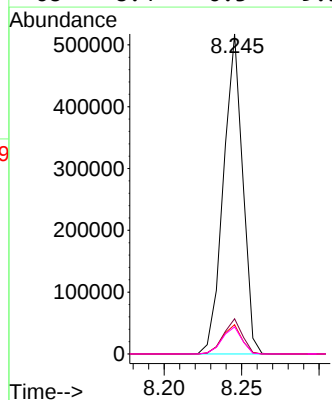
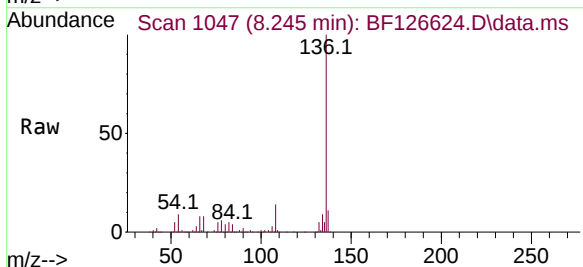
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13

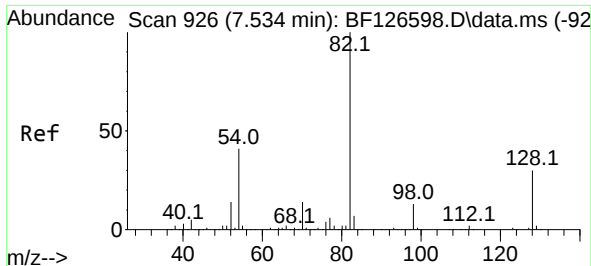
Tgt Ion: 99 Resp: 1215633
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 41.8 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion: 136 Resp: 446456
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.8 11.6
68 8.4 6.3 9.5

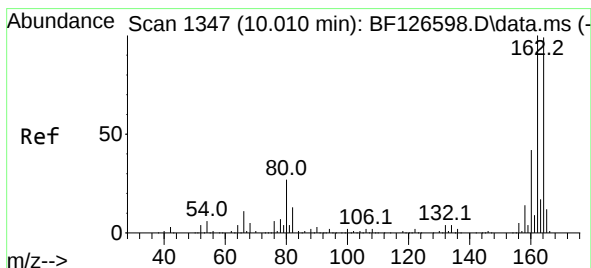
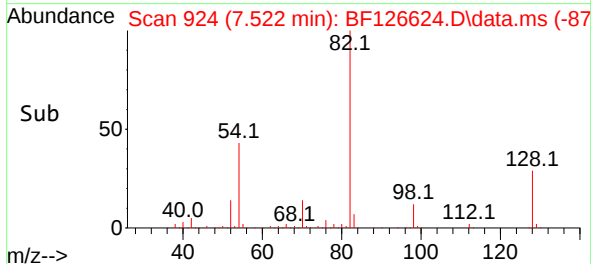
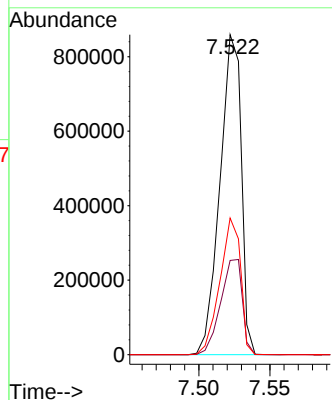
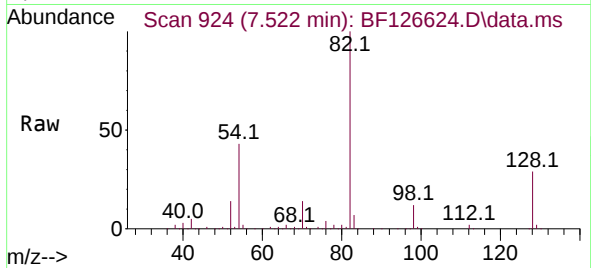




#23
 Nitrobenzene-d5
 Concen: 78.425 ng
 RT: 7.522 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BF126624.D
 Acq: 20 Jan 2022 21:12

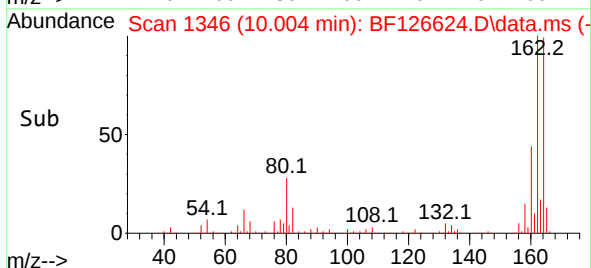
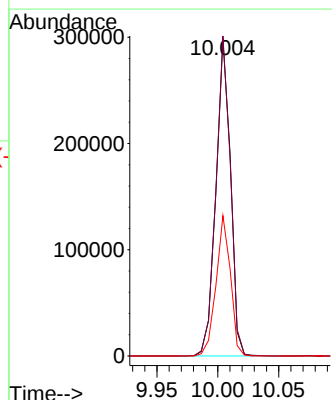
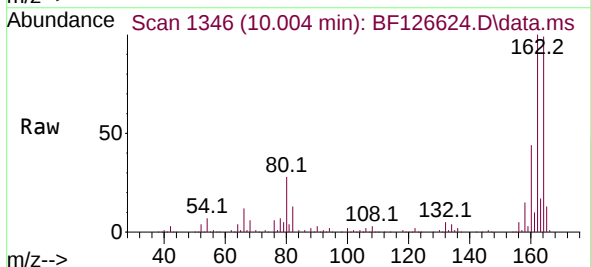
Instrument :
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 ClientSampleId :
 MTR-SOIL-13

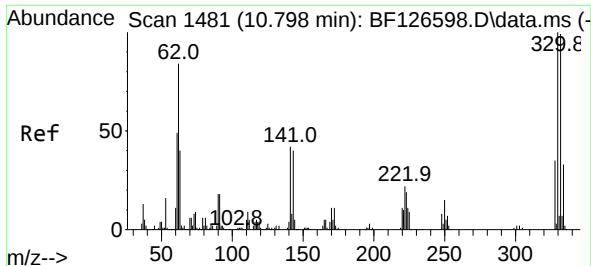
Tgt Ion: 82 Resp: 894542
 Ion Ratio Lower Upper
 82 100
 128 29.5 32.7 49.1#
 54 42.7 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.004 min Scan# 1346
 Delta R.T. -0.006 min
 Lab File: BF126624.D
 Acq: 20 Jan 2022 21:12

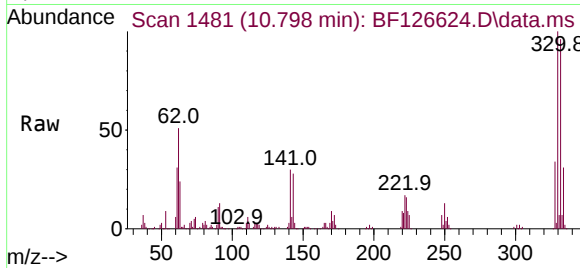
Tgt Ion:164 Resp: 248858
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.4 122.0
 160 44.2 36.6 54.8



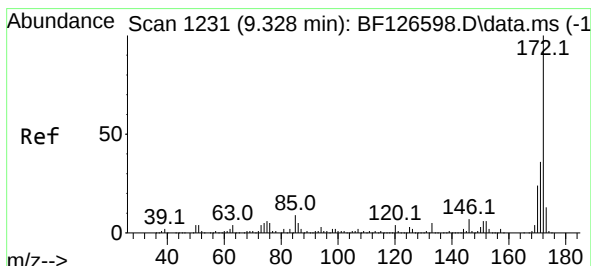
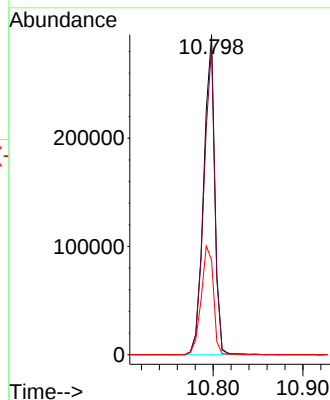
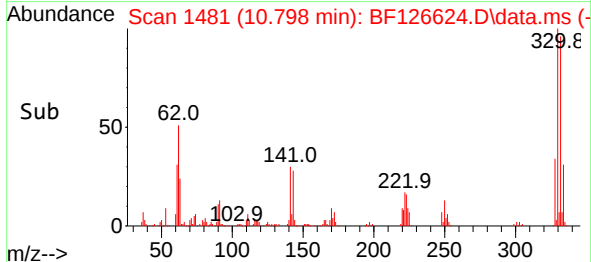


#42
2,4,6-Tribromophenol
Concen: 108.545 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

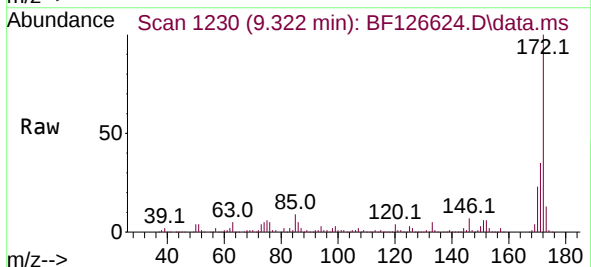
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-13



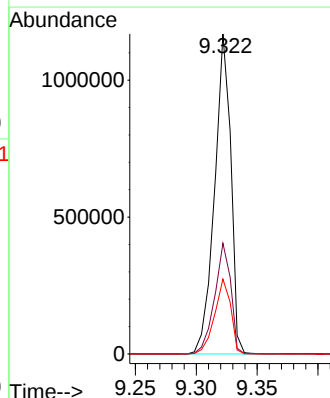
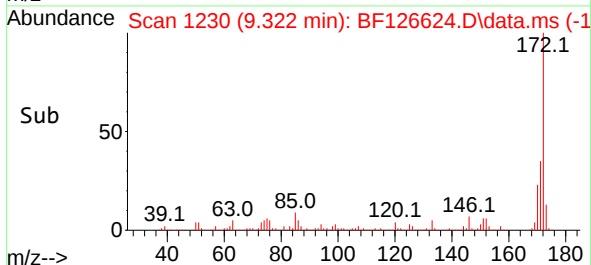
Tgt Ion:330 Resp: 252792
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 37.4 30.1 45.1

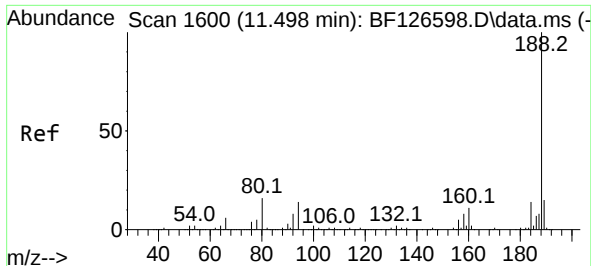


#45
2-Fluorobiphenyl
Concen: 66.478 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126624.D
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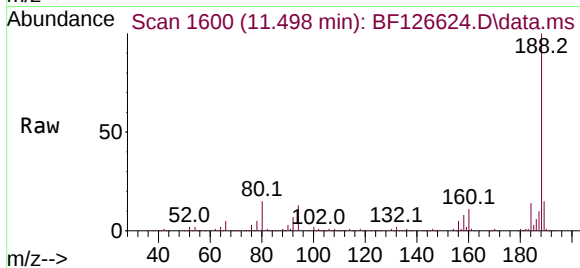
Tgt Ion:172 Resp: 1080230
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.4 19.0 28.6



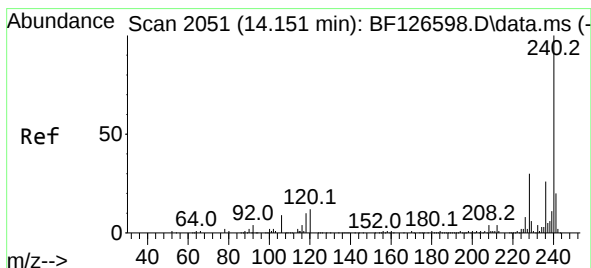
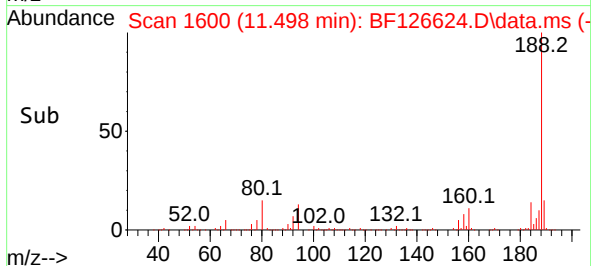
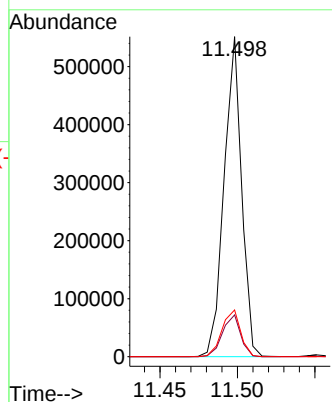


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Instrument :
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ClientSampleId :
MTR-SOIL-13

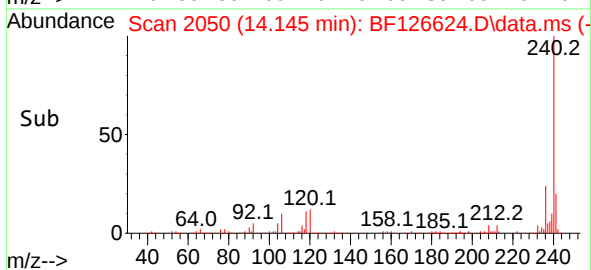
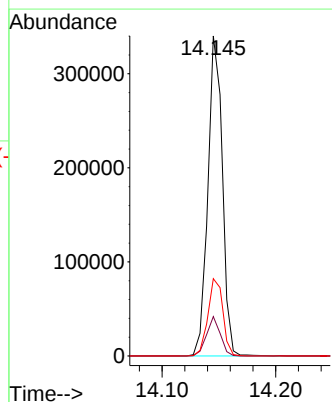
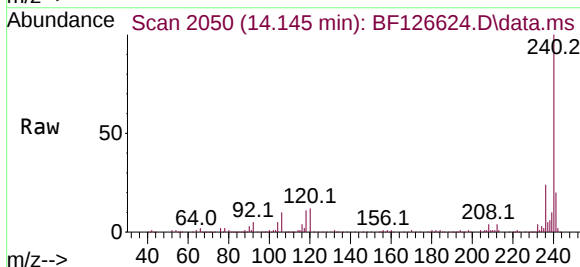


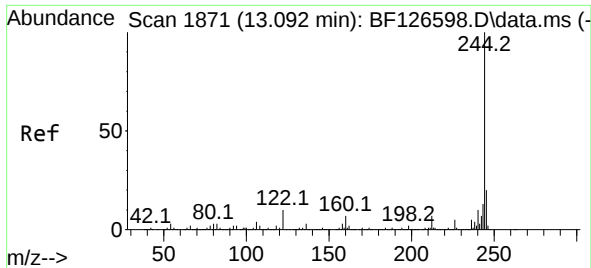
Tgt Ion:188 Resp: 433864
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 14.6 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126624.D
Acq: 20 Jan 2022 21:12

Tgt Ion:240 Resp: 300147
Ion Ratio Lower Upper
240 100
120 12.3 14.4 21.6#
236 24.2 20.5 30.7

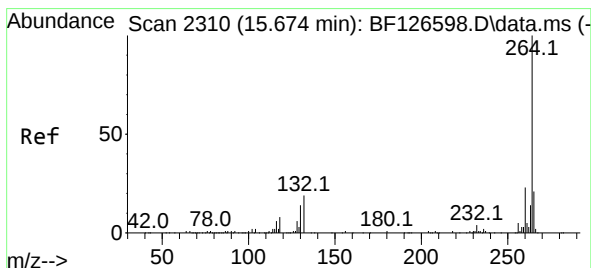
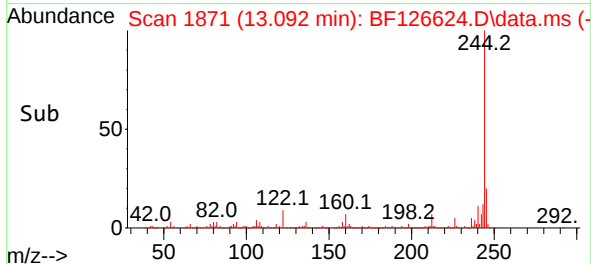
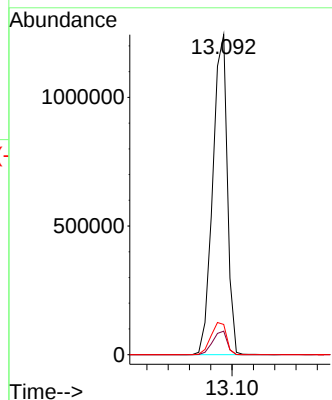
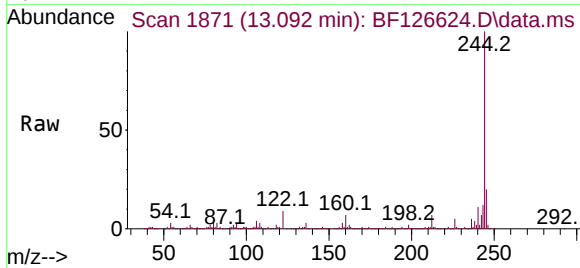




#79
 Terphenyl-d14
 Concen: 66.061 ng
 RT: 13.092 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126624.D
 Acq: 20 Jan 2022 21:12

Instrument :
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Tgt Ion:244 Resp: 1182156
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 9.5 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: BF126624.D
 Acq: 20 Jan 2022 21:12

Tgt Ion:264 Resp: 229392
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.4 26.2

