

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130998.D
 Acq On : 04 Nov 2022 19:12
 Operator : CG\JU
 Sample : N5435-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PTS-SOIL-PILE-1103

Quant Time: Nov 05 00:39:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	72130	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	266422	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	124075	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	218648	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	164735	20.000	ng	0.00
86) Perylene-d12	15.604	264	144661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	381371	91.661	ng	0.01
7) Phenol-d6	6.534	99	377582	69.835	ng	0.00
23) Nitrobenzene-d5	7.475	82	508735	115.141	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	129950	124.418	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	718345	87.532	ng	0.00
79) Terphenyl-d14	13.045	244	801315	89.135	ng	0.00

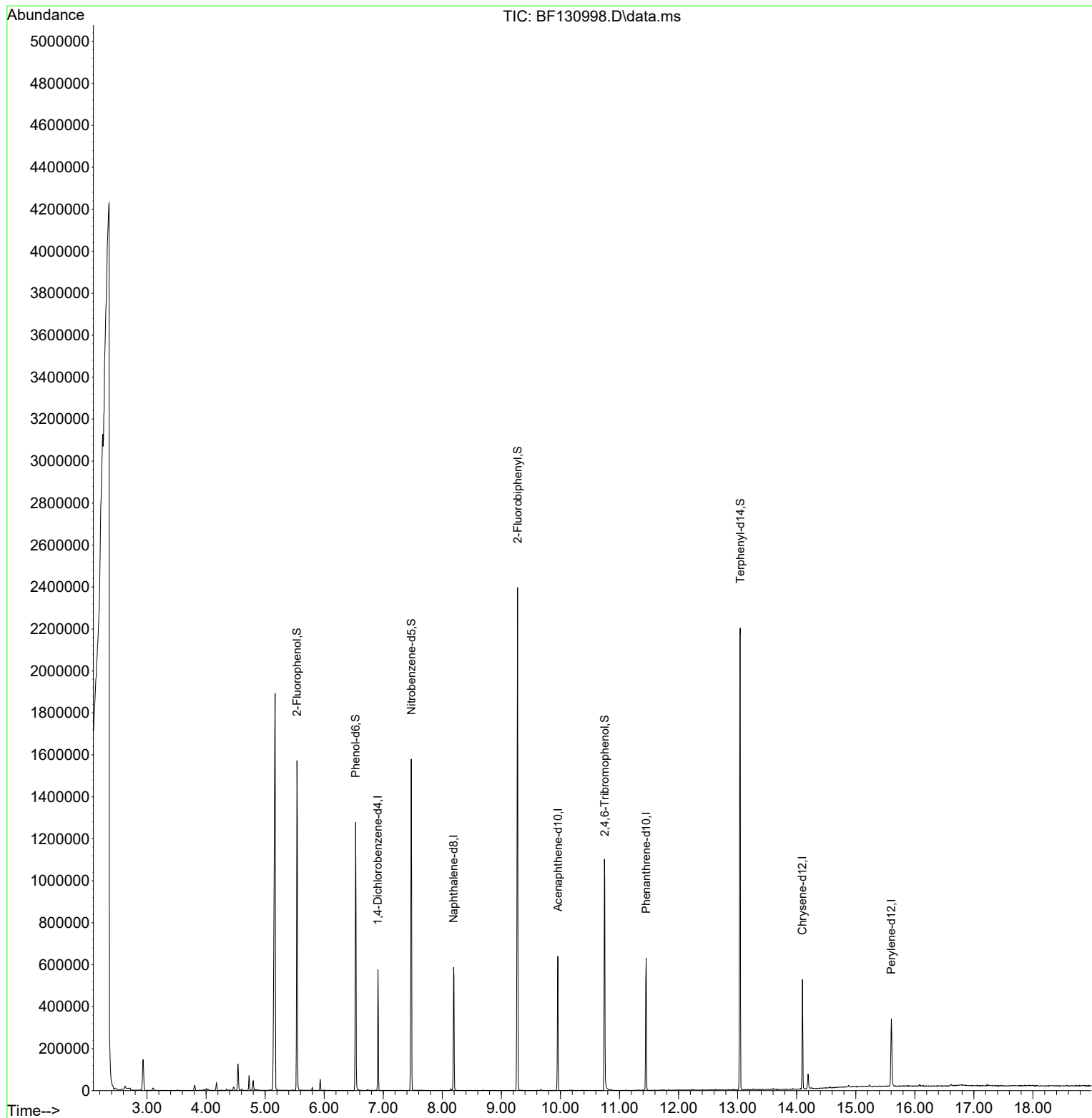
Target Compounds	Qvalue

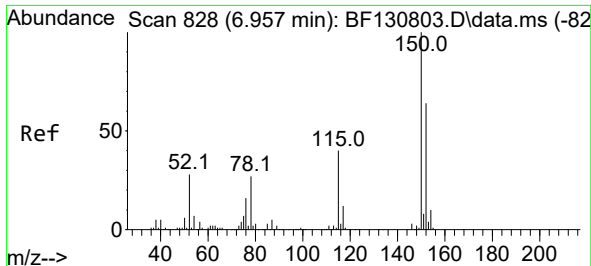
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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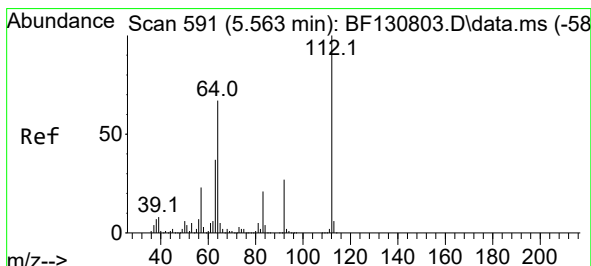
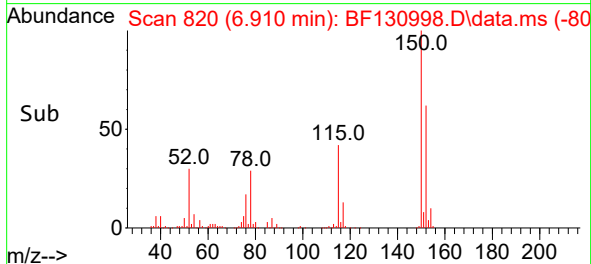
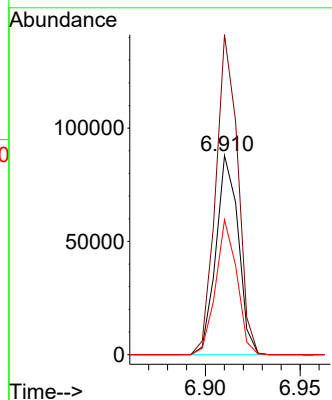
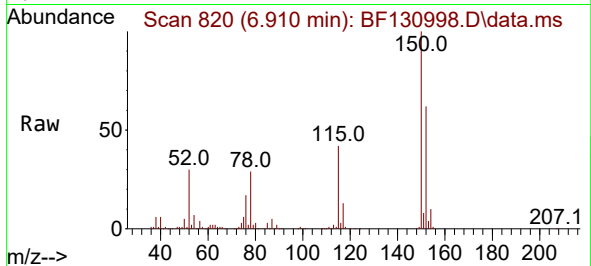




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

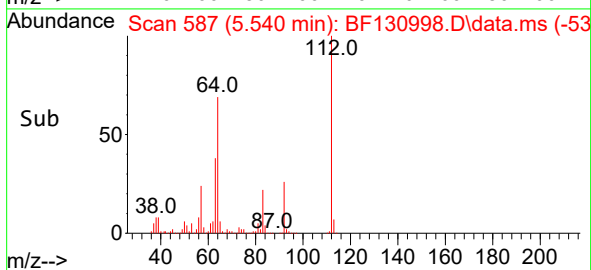
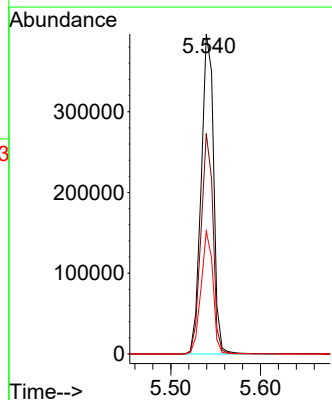
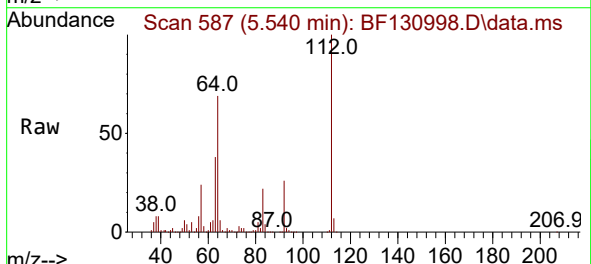
Instrument :
BNA_F
ClientSampleId :
PTS-SOIL-PILE-1103

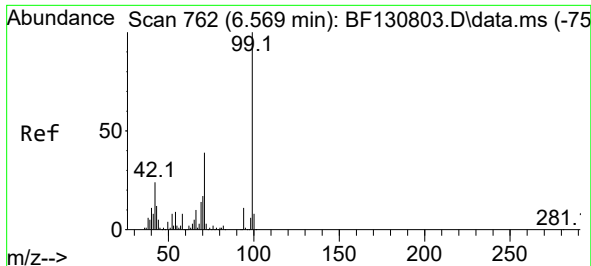
Tgt Ion:152 Resp: 72130
Ion Ratio Lower Upper
152 100
150 160.7 124.1 186.1
115 67.8 50.1 75.1



#5
2-Fluorophenol
Concen: 91.661 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

Tgt Ion:112 Resp: 381371
Ion Ratio Lower Upper
112 100
64 68.9 53.9 80.9
63 38.4 29.4 44.2

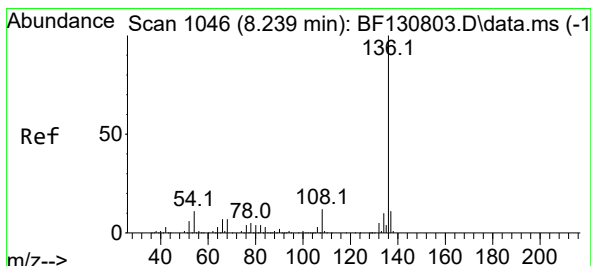
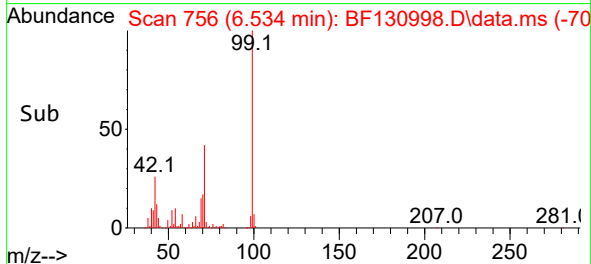
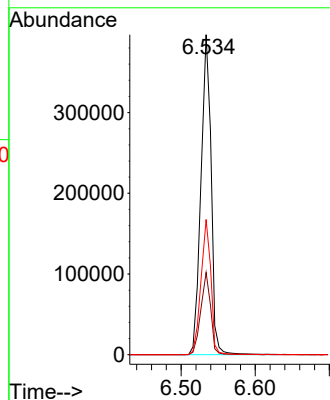
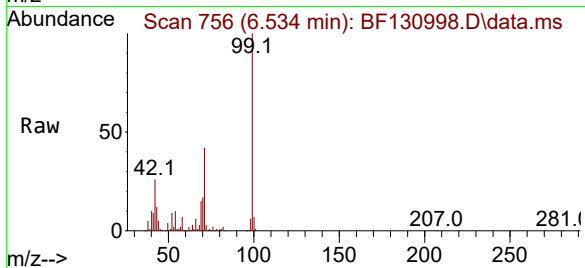




#7
Phenol-d6
Concen: 69.835 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

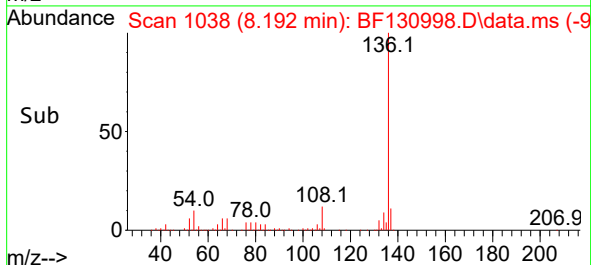
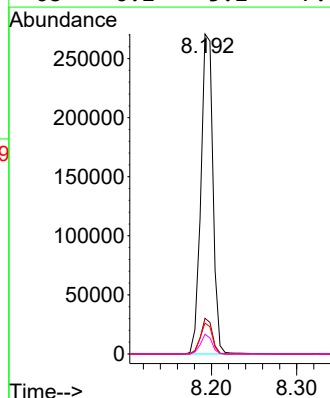
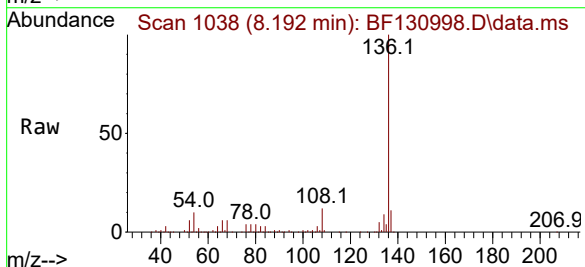
Instrument :
BNA_F
ClientSampleId :
PTS-SOIL-PILE-1103

Tgt Ion: 99 Resp: 377582
Ion Ratio Lower Upper
99 100
42 25.7 18.8 28.2
71 42.3 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

Tgt Ion: 136 Resp: 266422
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.6 8.8 13.2
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 115.141 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.012 min

Lab File: BF130998.D

Acq: 04 Nov 2022 19:12

Instrument :

BNA_F

ClientSampleId :

PTS-SOIL-PILE-1103

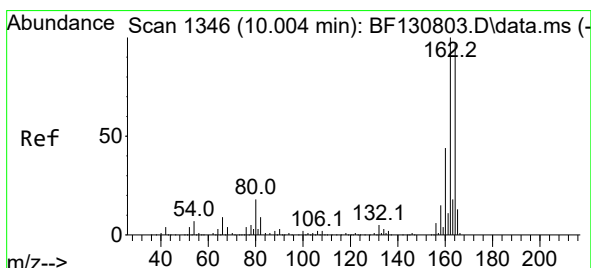
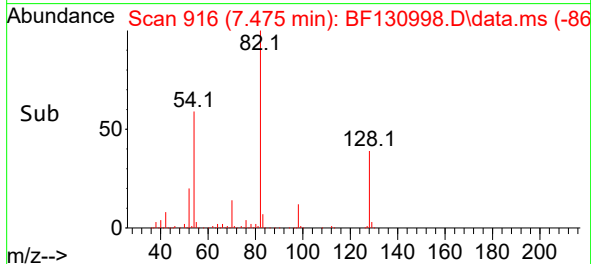
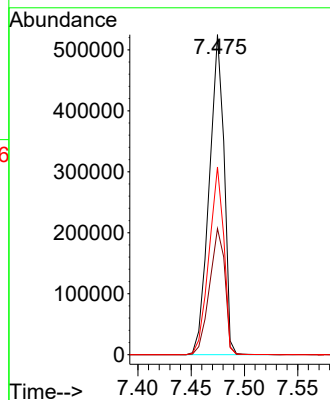
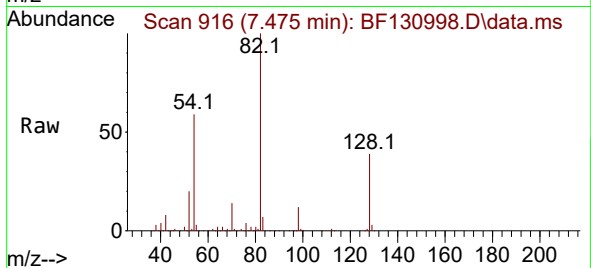
Tgt Ion: 82 Resp: 508735

Ion Ratio Lower Upper

82 100

128 39.4 31.2 46.8

54 58.6 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF130998.D

Acq: 04 Nov 2022 19:12

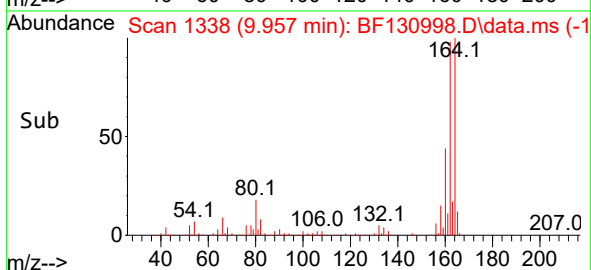
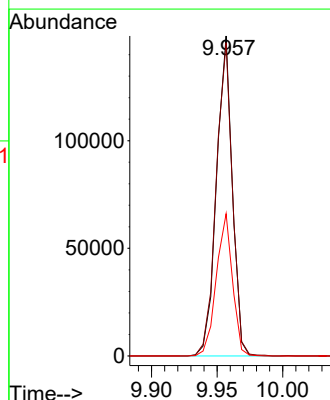
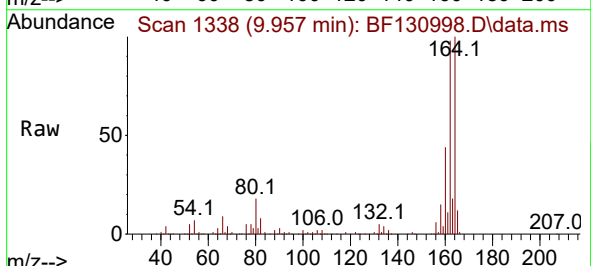
Tgt Ion:164 Resp: 124075

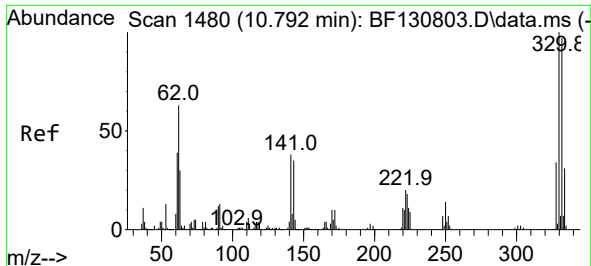
Ion Ratio Lower Upper

164 100

162 97.9 82.2 123.2

160 44.4 36.6 54.8

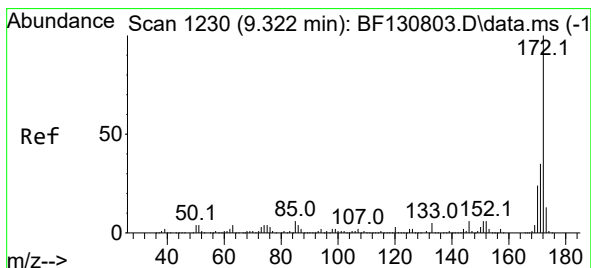
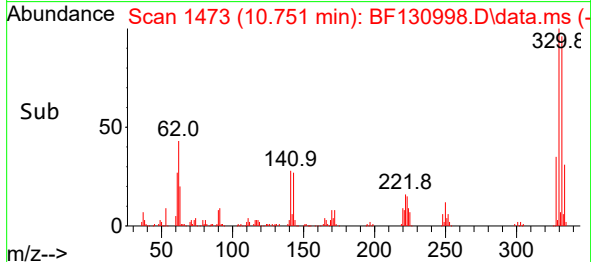
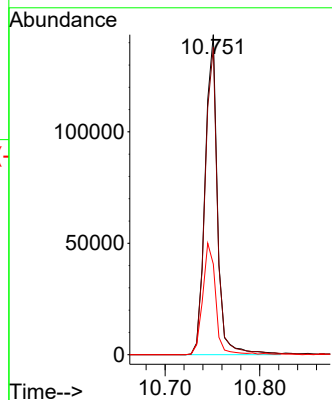
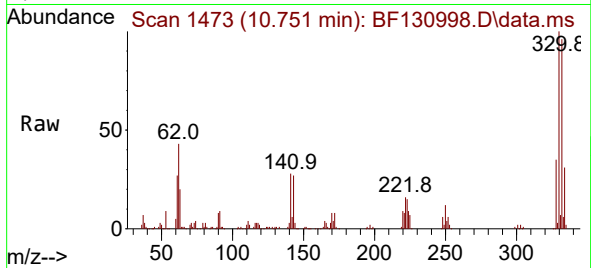




#42
2,4,6-Tribromophenol
Concen: 124.418 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

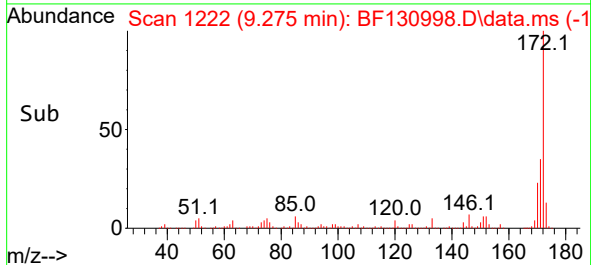
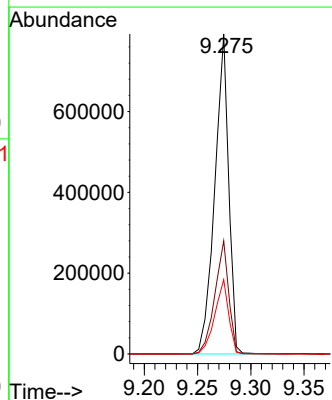
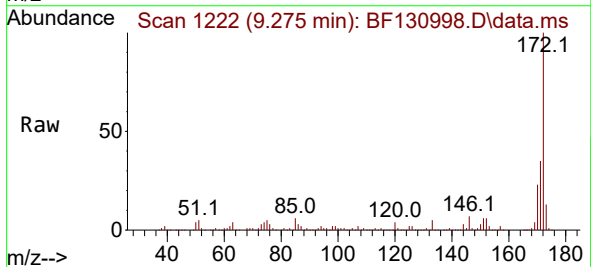
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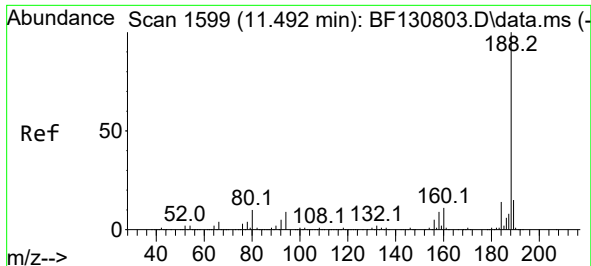
Tgt Ion:330 Resp: 129950
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 36.8 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 87.532 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

Tgt Ion:172 Resp: 718345
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.2 19.0 28.4

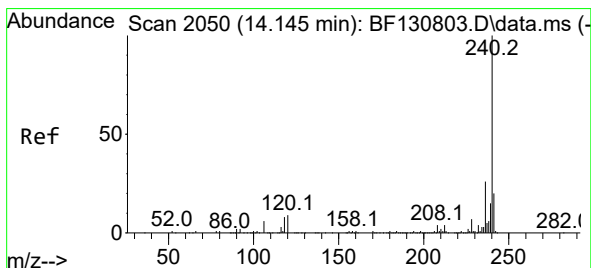
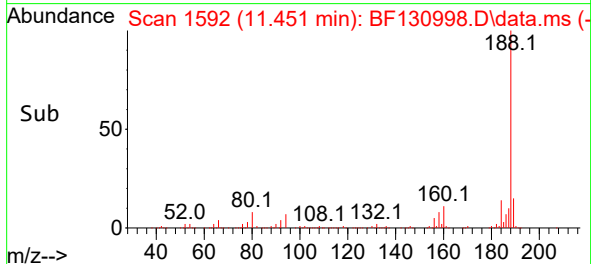
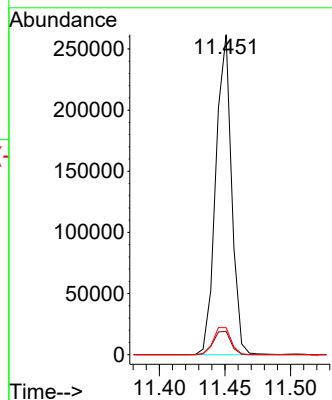
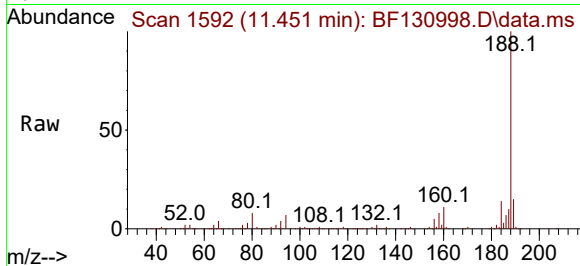




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

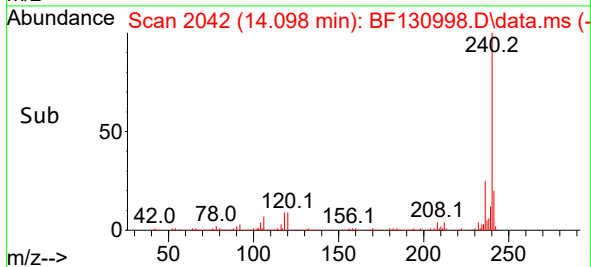
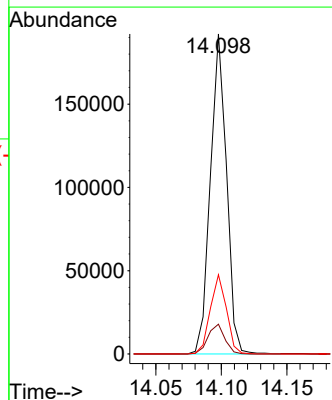
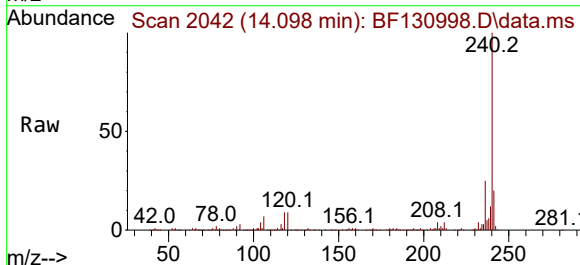
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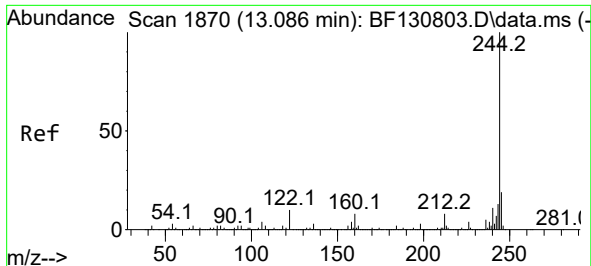
Tgt Ion:188 Resp: 218648
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 8.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF130998.D
Acq: 04 Nov 2022 19:12

Tgt Ion:240 Resp: 164735
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 24.8 20.5 30.7

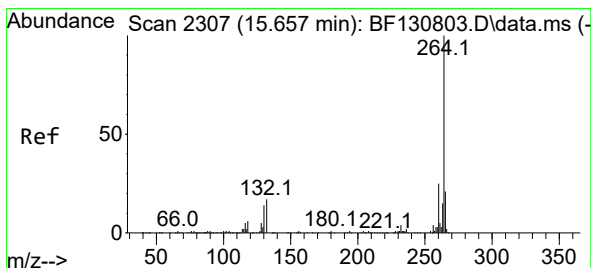
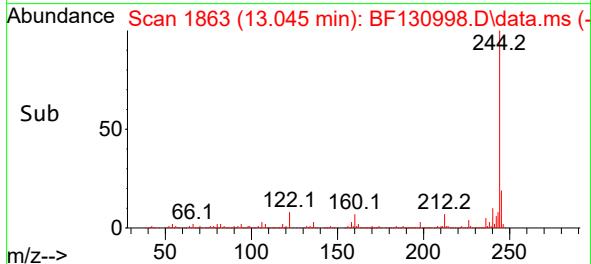
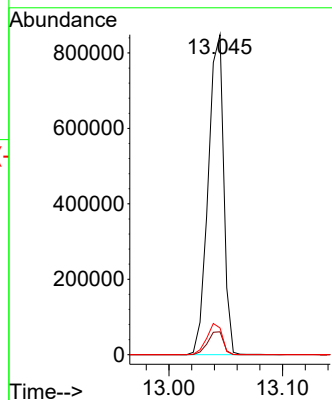
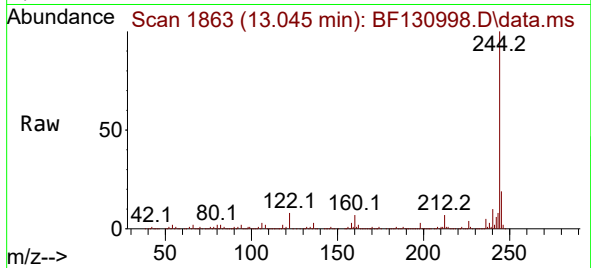




#79
 Terphenyl-d14
 Concen: 89.135 ng
 RT: 13.045 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130998.D
 Acq: 04 Nov 2022 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PTS-SOIL-PILE-1103

Tgt Ion:244 Resp: 801315
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF130998.D
 Acq: 04 Nov 2022 19:12

Tgt Ion:264 Resp: 144661
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.9 29.9
 265 21.0 17.0 25.6

