

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131371.D
 Acq On : 23 Nov 2022 20:33
 Operator : CG\JU
 Sample : N5641-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-19

Quant Time: Nov 24 05:57:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	124300	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	448484	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	229225	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	356211	20.000	ng	0.00
76) Chrysene-d12	14.157	240	216155	20.000	ng	0.00
86) Perylene-d12	15.692	264	207180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	630908	96.601	ng	0.01
7) Phenol-d6	6.569	99	791440	94.978	ng	0.00
23) Nitrobenzene-d5	7.516	82	516182	58.018	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	172667	89.535	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	914216	58.022	ng	0.00
79) Terphenyl-d14	13.092	244	718164	54.331	ng	0.00

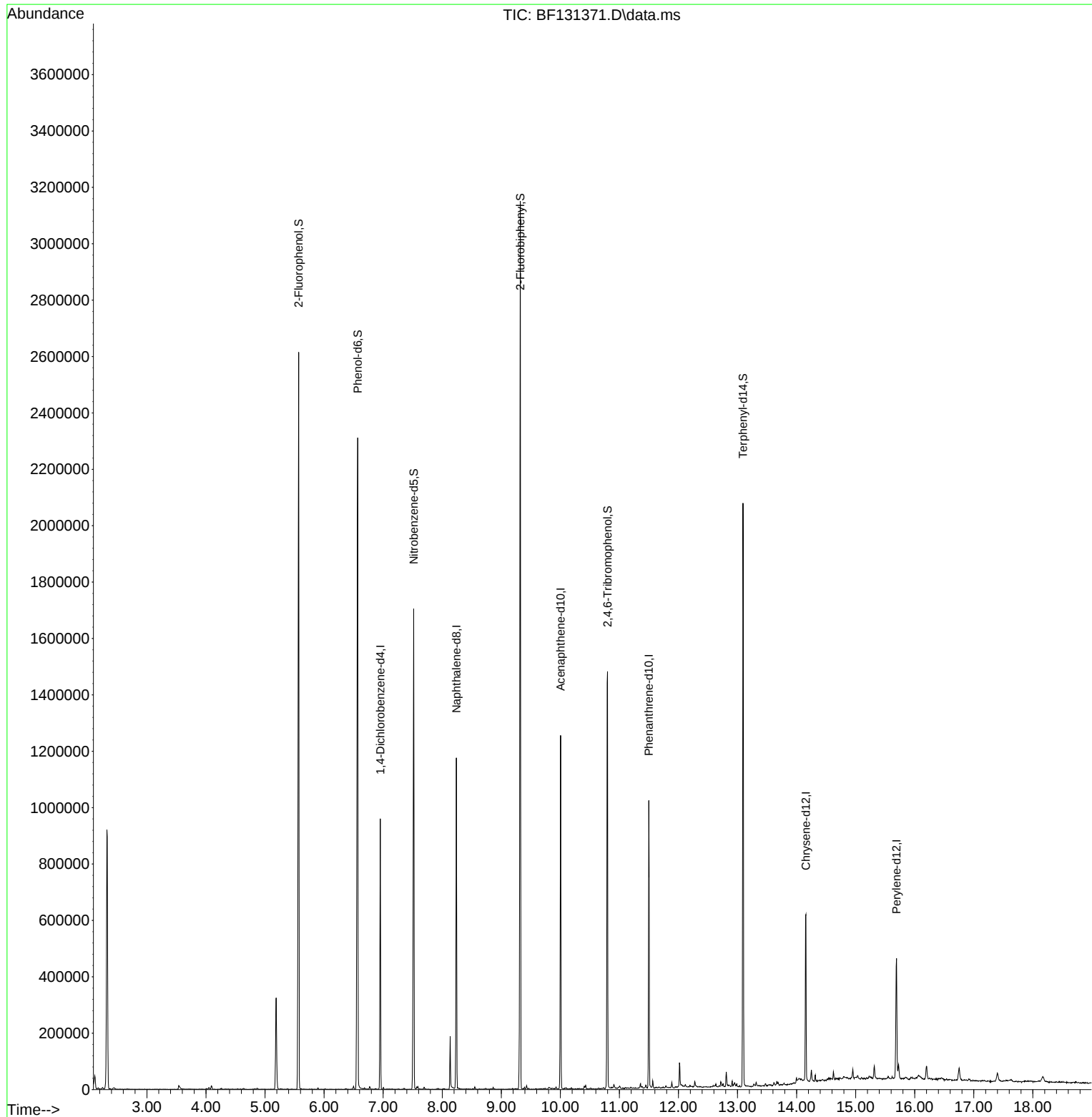
Target Compounds	Qvalue

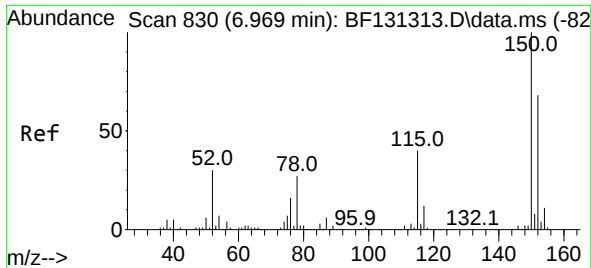
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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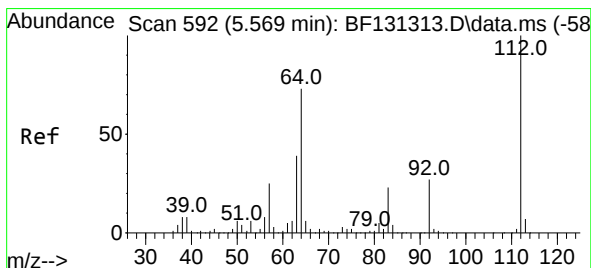
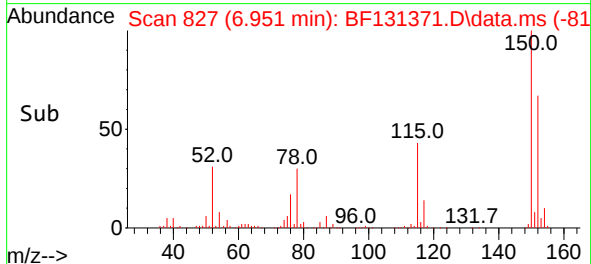
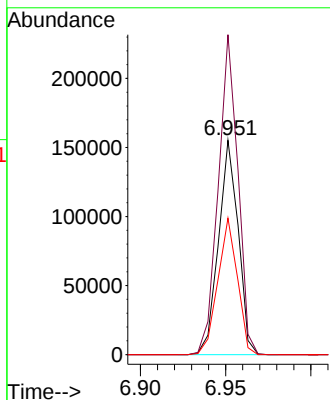
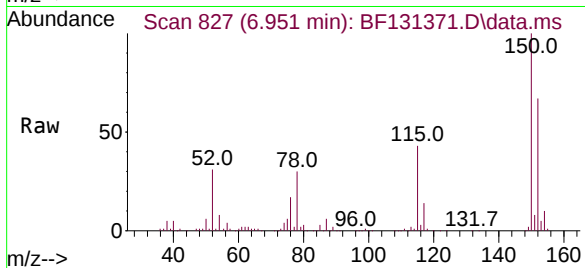




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131371.D
Acq: 23 Nov 2022 20:33

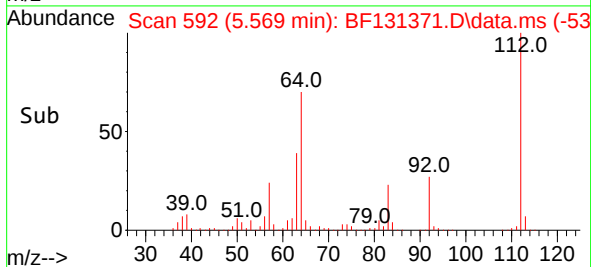
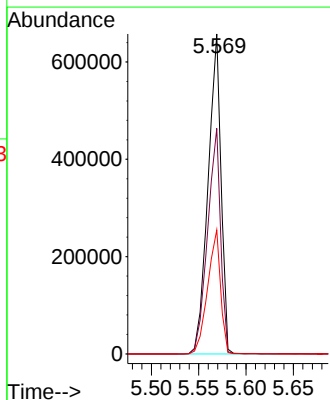
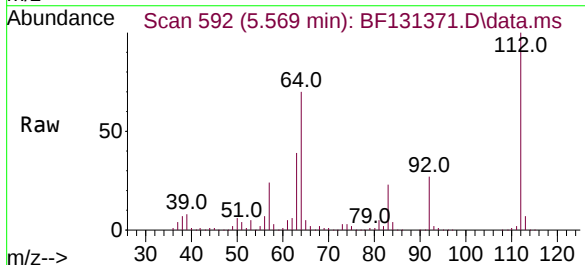
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-19

Tgt Ion:152 Resp: 124300
Ion Ratio Lower Upper
152 100
150 149.3 117.8 176.8
115 63.6 47.1 70.7



#5
2-Fluorophenol
Concen: 96.601 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131371.D
Acq: 23 Nov 2022 20:33

Tgt Ion:112 Resp: 630908
Ion Ratio Lower Upper
112 100
64 70.5 58.6 88.0
63 38.7 31.4 47.0

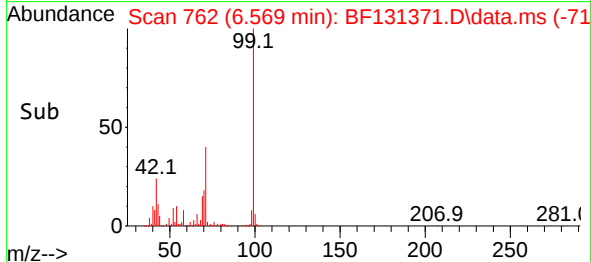
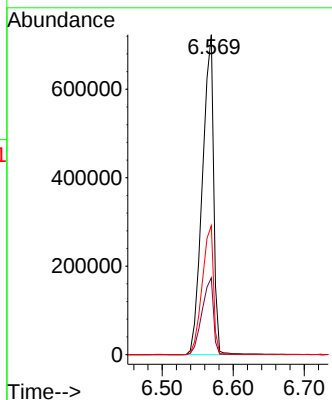
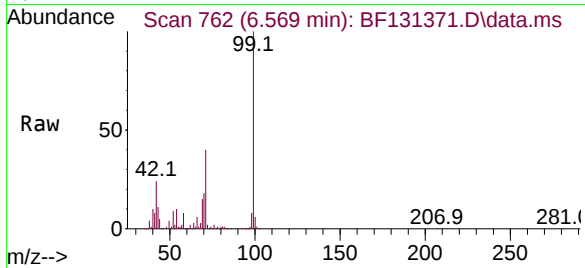




#7
Phenol-d6
Concen: 94.978 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131371.D
Acq: 23 Nov 2022 20:33

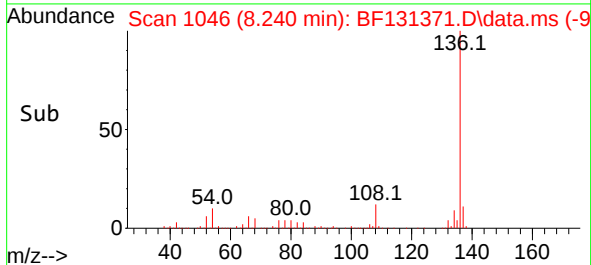
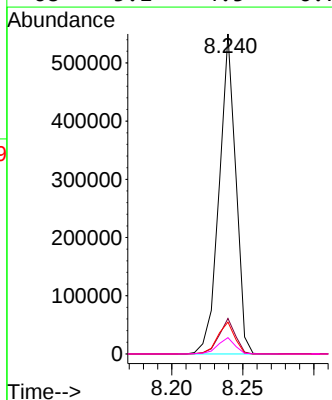
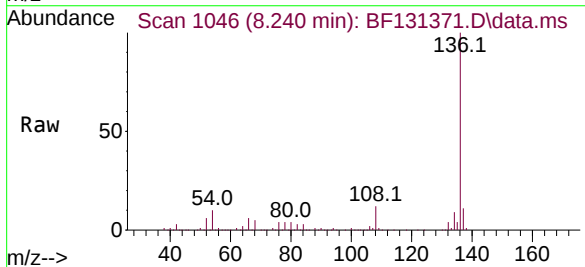
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-19

Tgt Ion: 99 Resp: 791440
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 40.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131371.D
Acq: 23 Nov 2022 20:33

Tgt Ion: 136 Resp: 448484
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.9 9.4 14.0
68 5.1 4.5 6.7

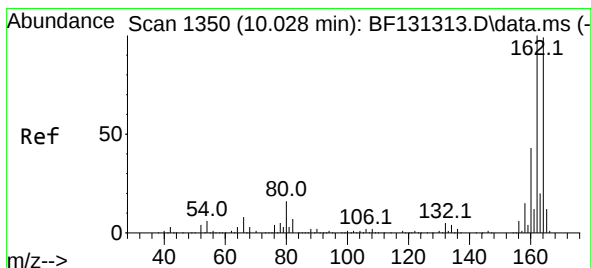
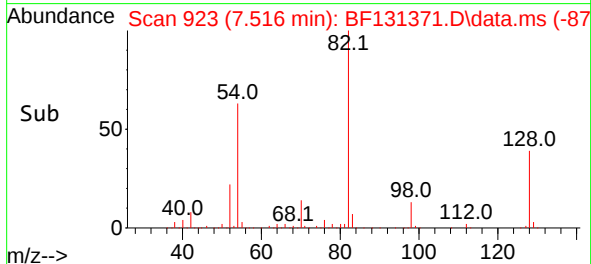
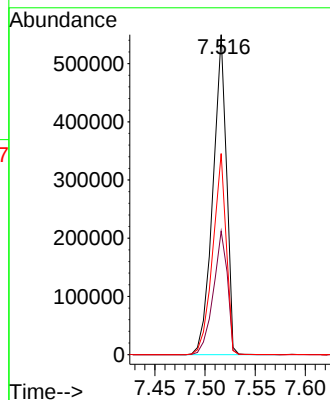
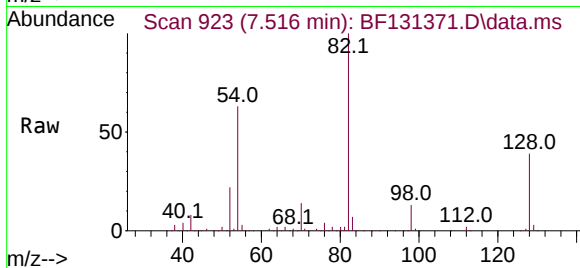




#23
Nitrobenzene-d5
Concen: 58.018 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131371.D
Acq: 23 Nov 2022 20:33

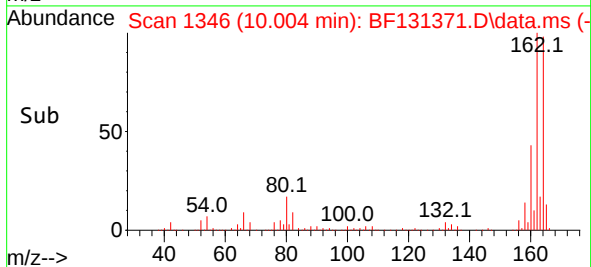
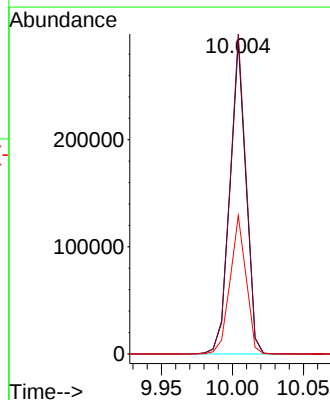
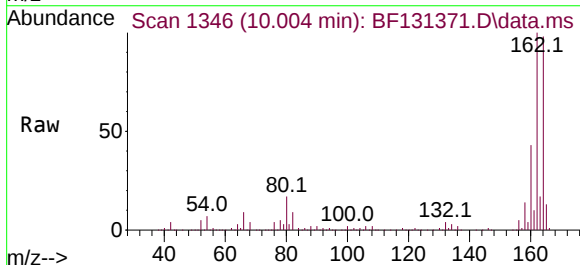
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-19

Tgt Ion: 82 Resp: 516182
Ion Ratio Lower Upper
82 100
128 38.6 31.4 47.0
54 62.8 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131371.D
Acq: 23 Nov 2022 20:33

Tgt Ion: 164 Resp: 229225
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 89.535 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131371.D

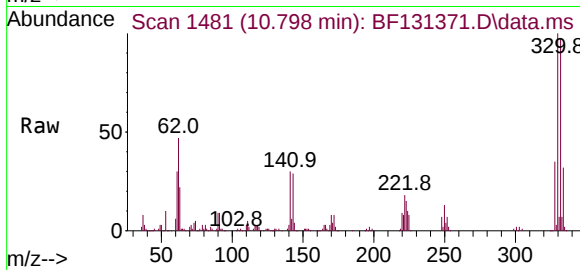
Acq: 23 Nov 2022 20:33

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-19



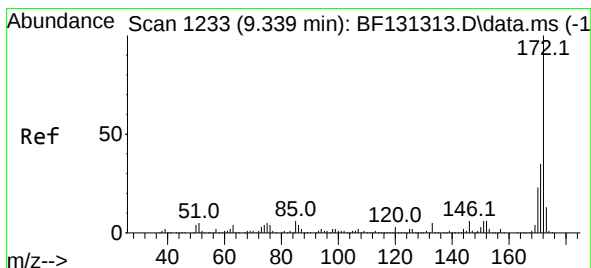
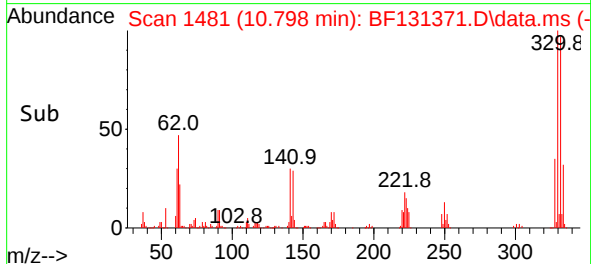
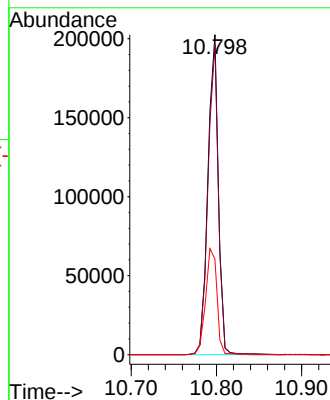
Tgt Ion:330 Resp: 172667

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 35.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 58.022 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131371.D

Acq: 23 Nov 2022 20:33

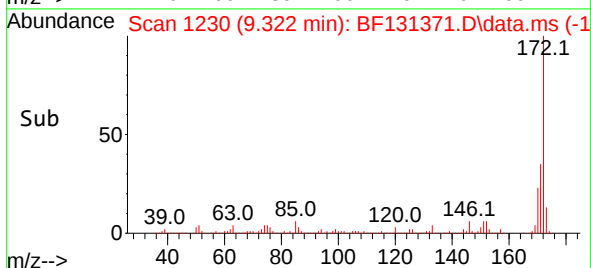
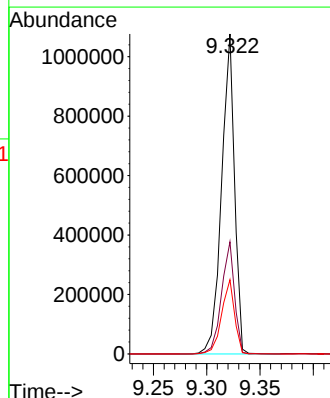
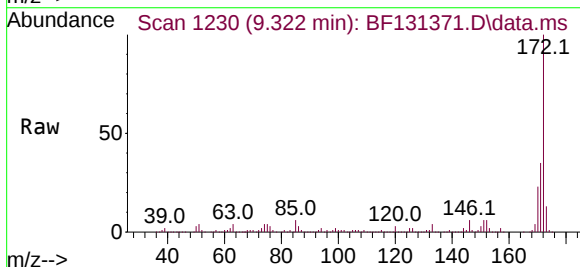
Tgt Ion:172 Resp: 914216

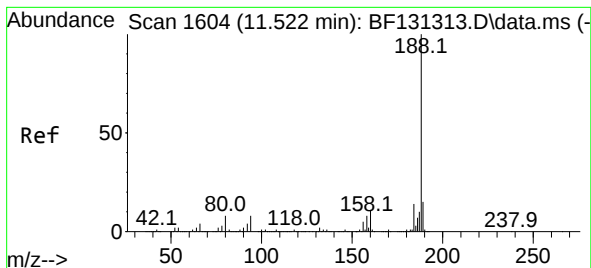
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF131371.D

Acq: 23 Nov 2022 20:33

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-19

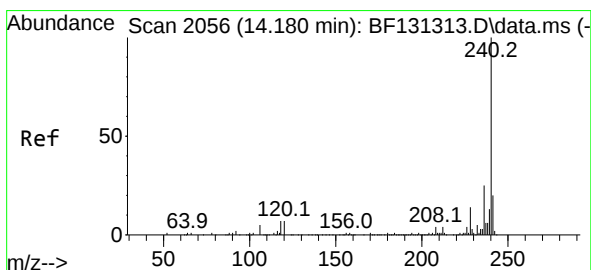
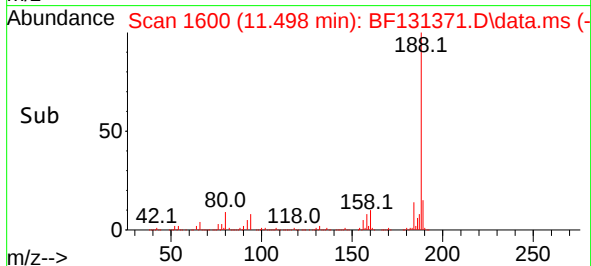
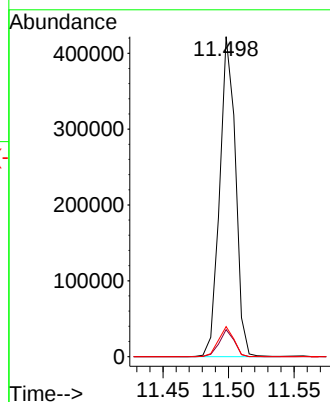
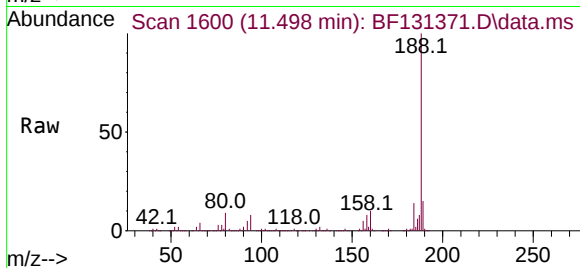
Tgt Ion:188 Resp: 356211

Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 9.4 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BF131371.D

Acq: 23 Nov 2022 20:33

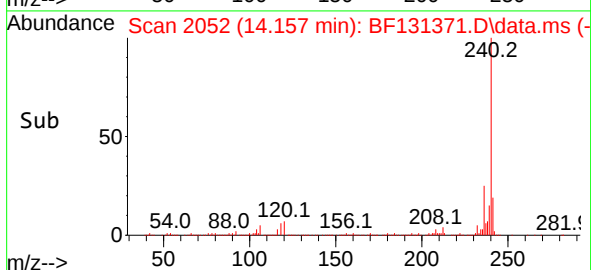
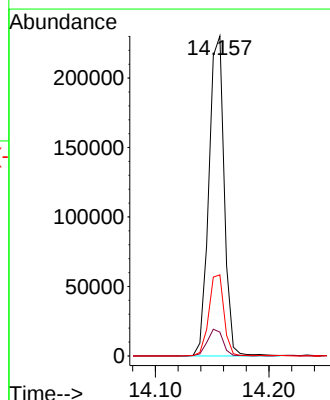
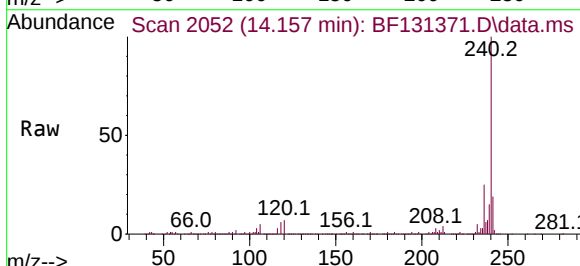
Tgt Ion:240 Resp: 216155

Ion Ratio Lower Upper

240 100

120 7.4 5.8 8.8

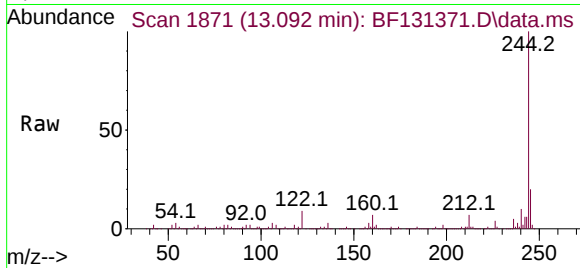
236 25.4 20.3 30.5



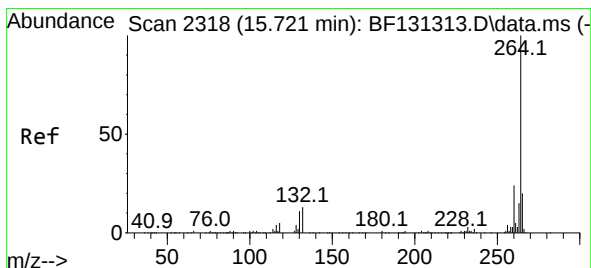
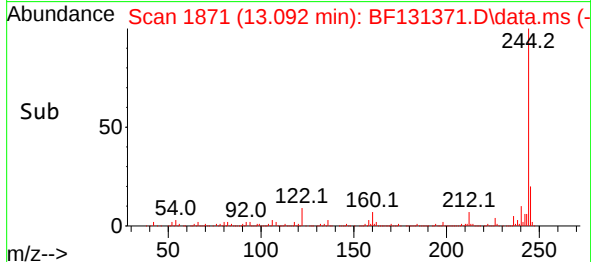
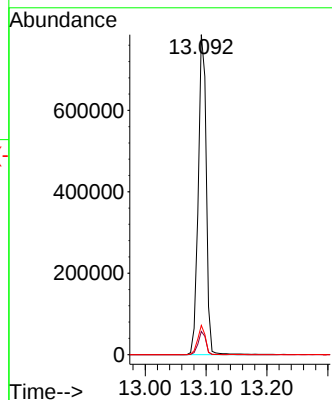


#79
 Terphenyl-d14
 Concen: 54.331 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131371.D
 Acq: 23 Nov 2022 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-19



Tgt Ion:244 Resp: 718164
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2313
 Delta R.T. -0.000 min
 Lab File: BF131371.D
 Acq: 23 Nov 2022 20:33

Tgt Ion:264 Resp: 207180
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.1 16.4 24.6

