

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131369.D
 Acq On : 23 Nov 2022 19:26
 Operator : CG\JU
 Sample : N5641-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-2

Quant Time: Nov 24 05:57:11 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	127938	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	466558	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	250387	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	399792	20.000	ng	0.00
76) Chrysene-d12	14.151	240	233797	20.000	ng	-0.01
86) Perylene-d12	15.692	264	214534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	648255	96.435	ng	0.01
7) Phenol-d6	6.569	99	817120	95.271	ng	0.00
23) Nitrobenzene-d5	7.516	82	547459	59.149	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	180239	85.562	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	941453	54.701	ng	0.00
79) Terphenyl-d14	13.092	244	784319	54.858	ng	0.00

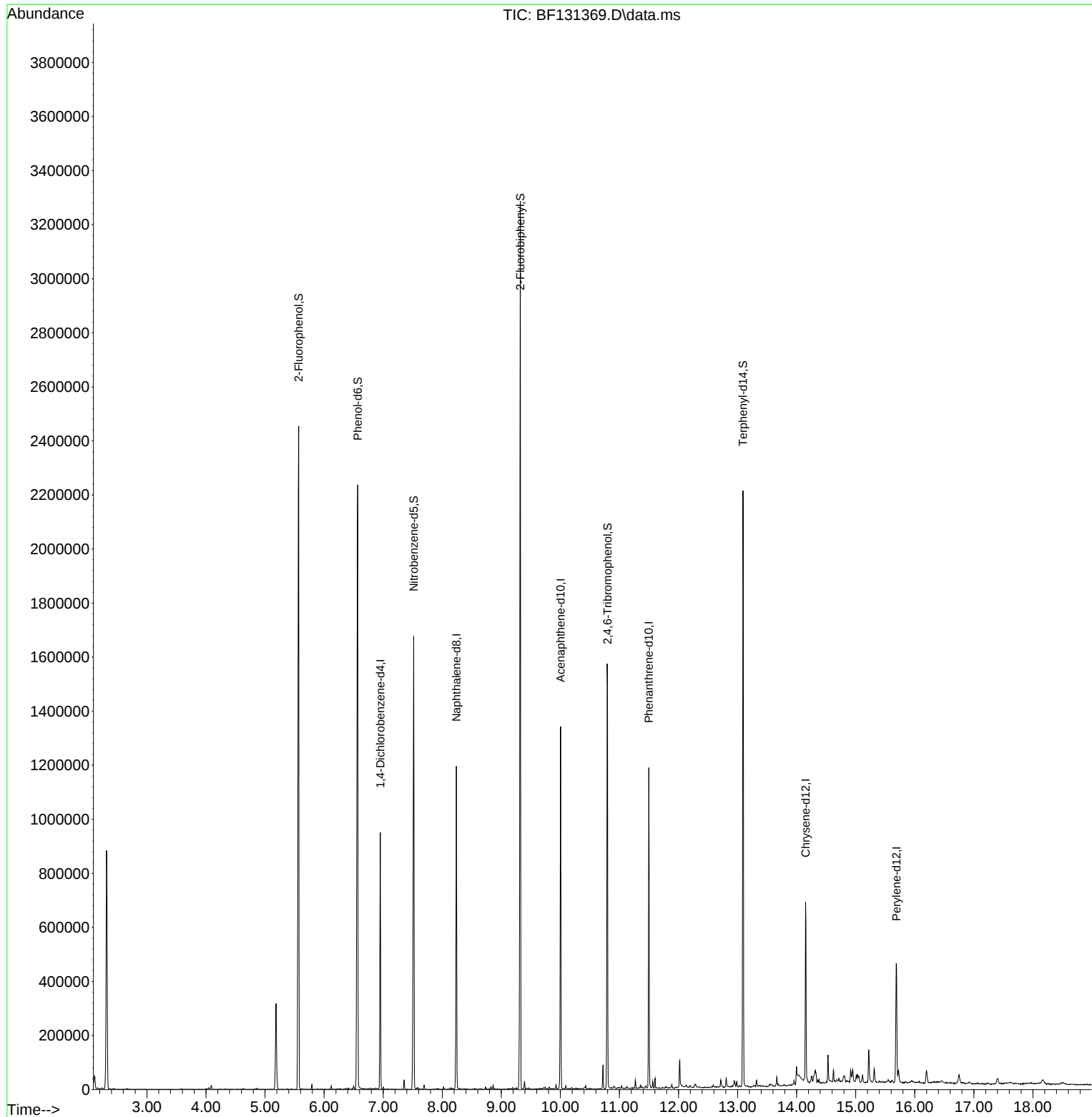
Target Compounds	Qvalue

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

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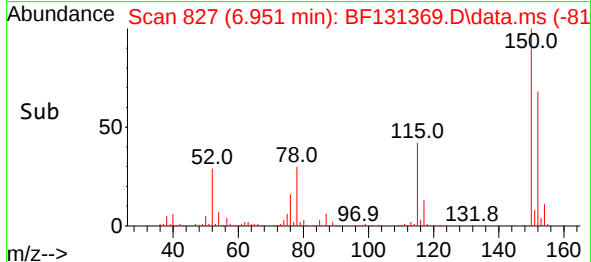
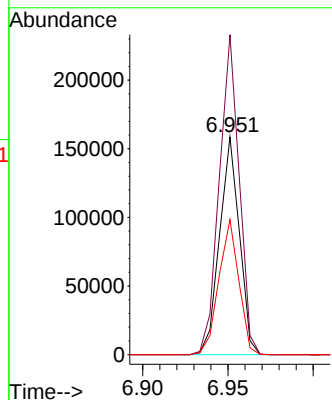
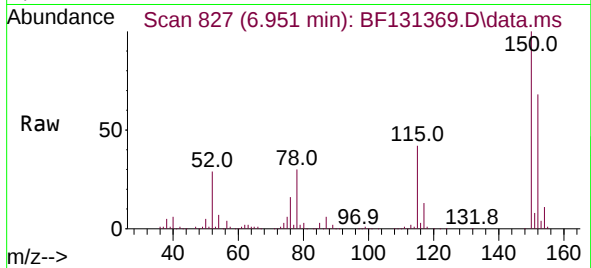




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

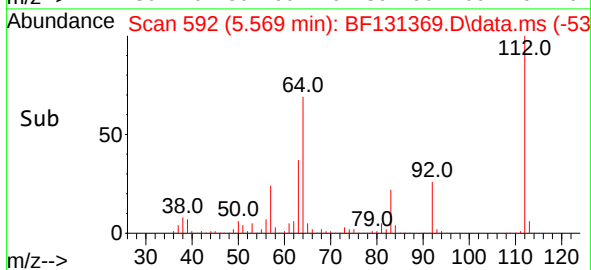
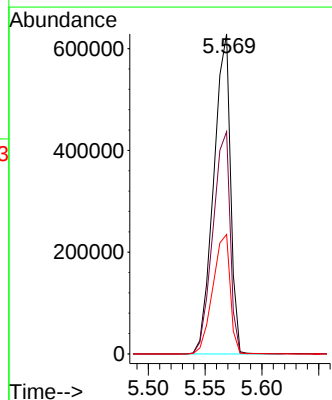
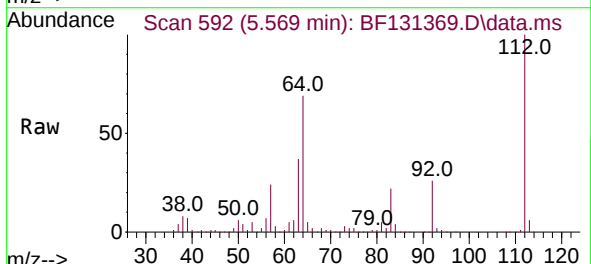
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

Tgt Ion:152 Resp: 127938
Ion Ratio Lower Upper
152 100
150 147.1 117.8 176.8
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 96.435 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

Tgt Ion:112 Resp: 648255
Ion Ratio Lower Upper
112 100
64 69.4 58.6 88.0
63 37.3 31.4 47.0

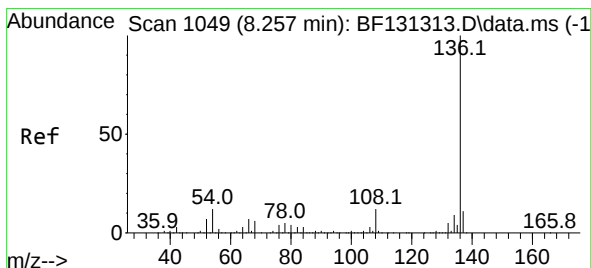
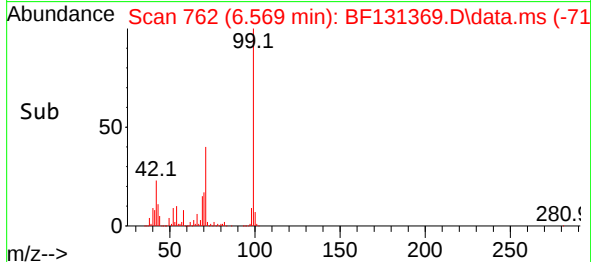
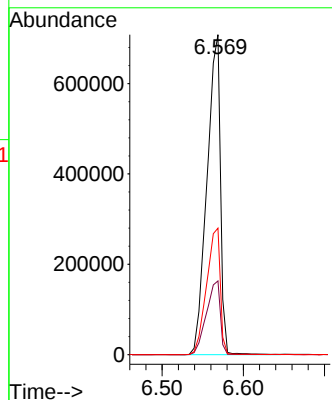
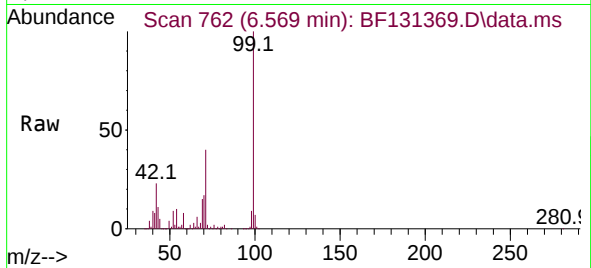




#7
Phenol-d6
Concen: 95.271 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

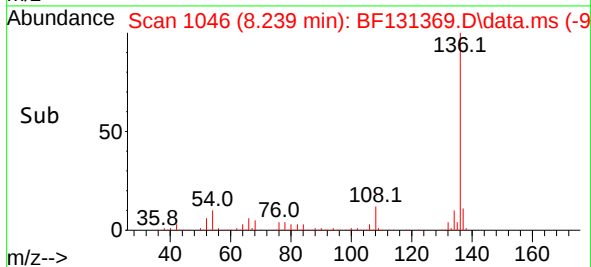
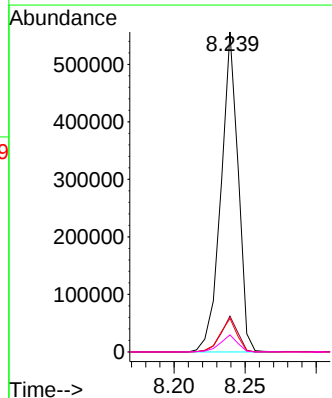
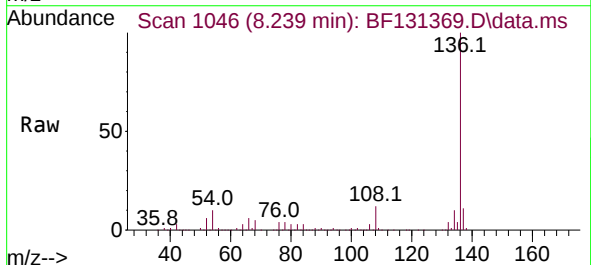
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

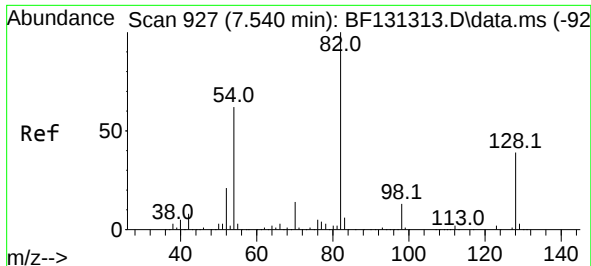
Tgt Ion: 99 Resp: 817120
Ion Ratio Lower Upper
99 100
42 23.0 19.4 29.2
71 39.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

Tgt Ion: 136 Resp: 466558
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.5 9.4 14.0
68 5.3 4.5 6.7

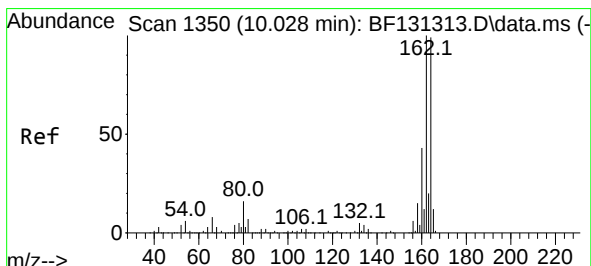
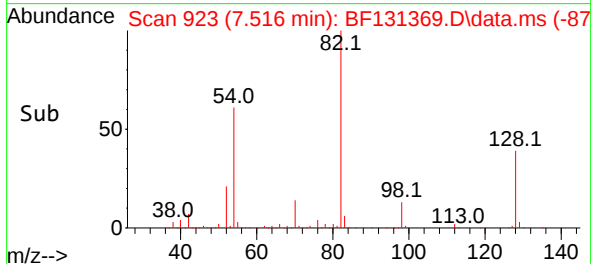
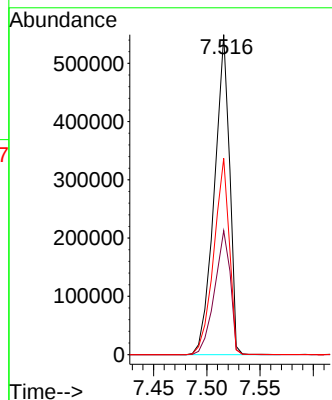
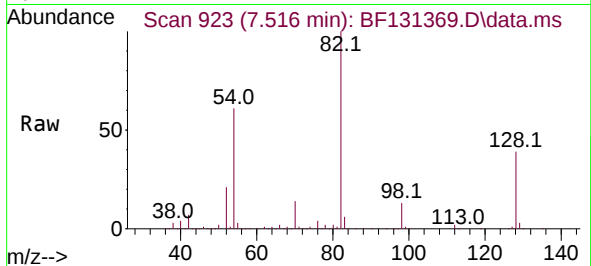




#23
Nitrobenzene-d5
Concen: 59.149 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

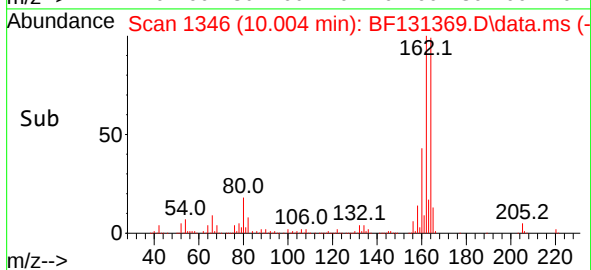
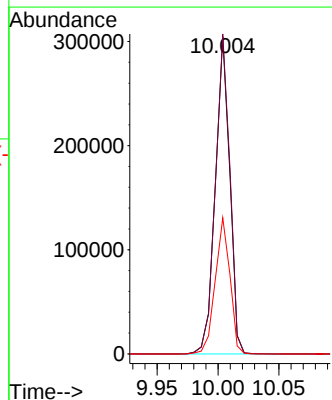
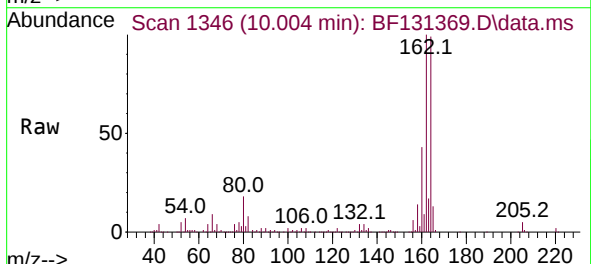
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

Tgt Ion: 82 Resp: 547459
Ion Ratio Lower Upper
82 100
128 38.7 31.4 47.0
54 61.3 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: BF131369.D
Acq: 23 Nov 2022 19:26

Tgt Ion:164 Resp: 250387
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 85.562 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131369.D

Acq: 23 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-2

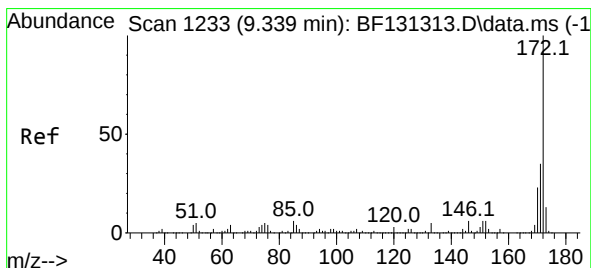
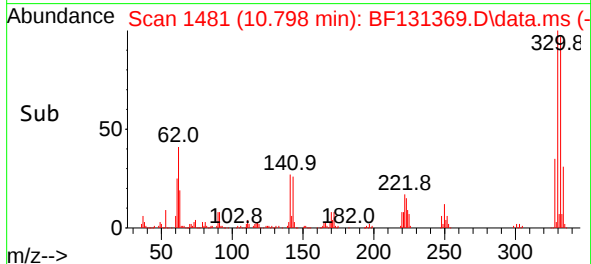
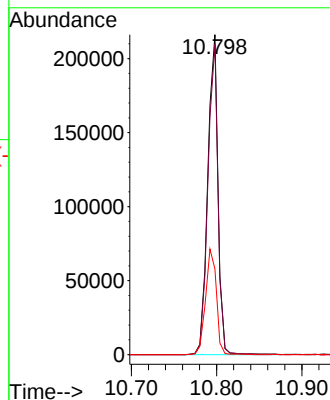
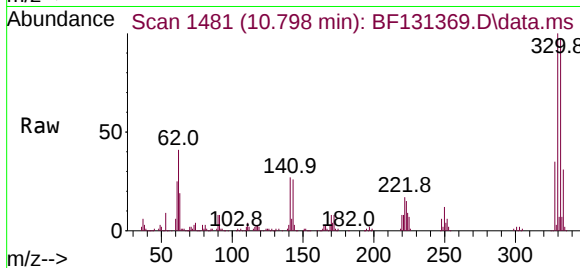
Tgt Ion:330 Resp: 180239

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 34.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 54.701 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131369.D

Acq: 23 Nov 2022 19:26

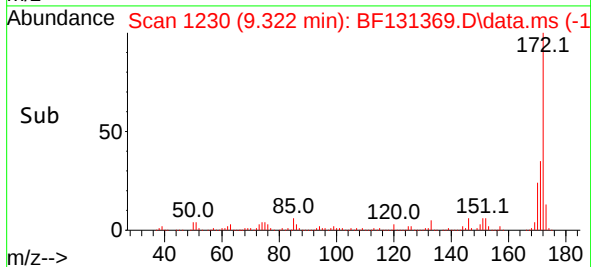
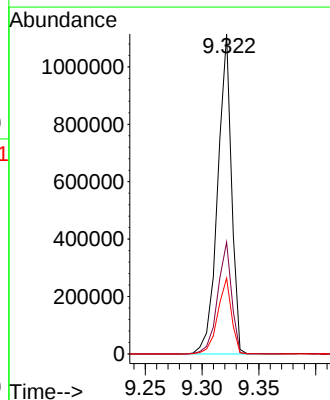
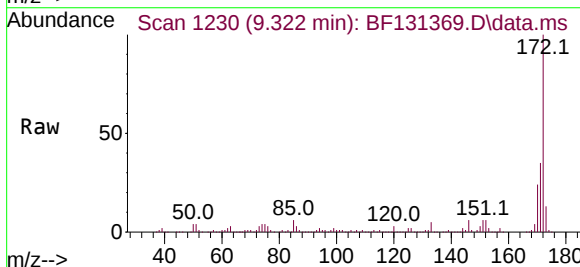
Tgt Ion:172 Resp: 941453

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.7 18.7 28.1

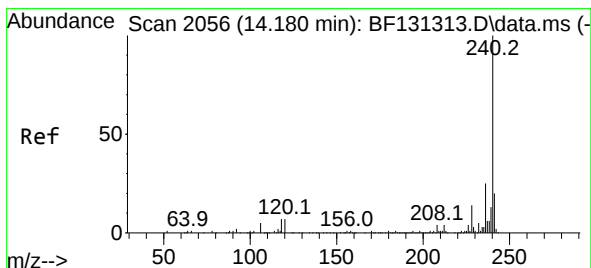
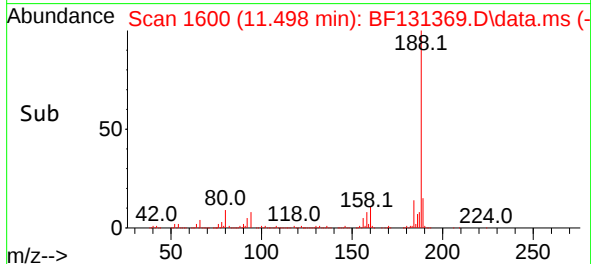
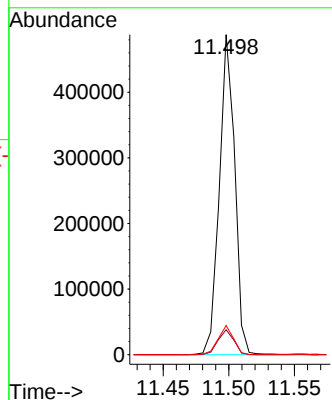
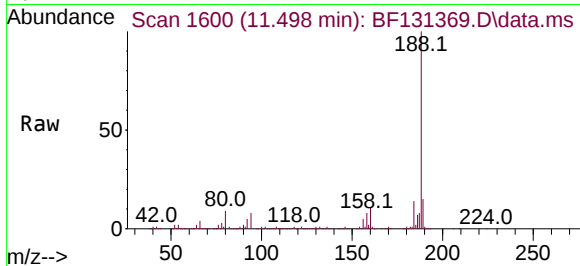




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

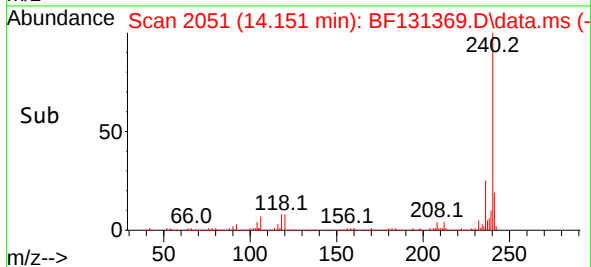
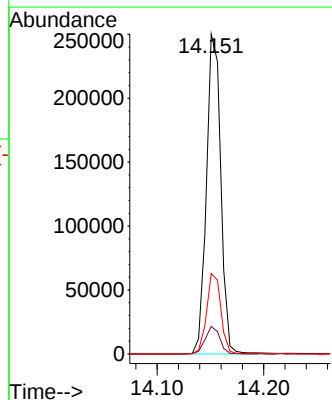
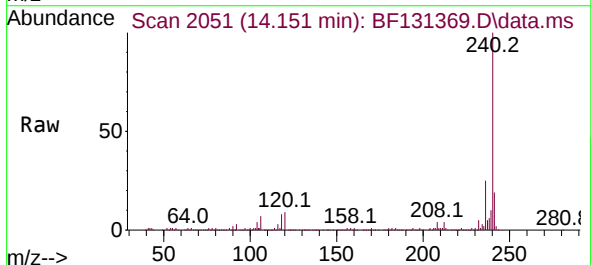
Instrument :
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SOIL-PILE-2

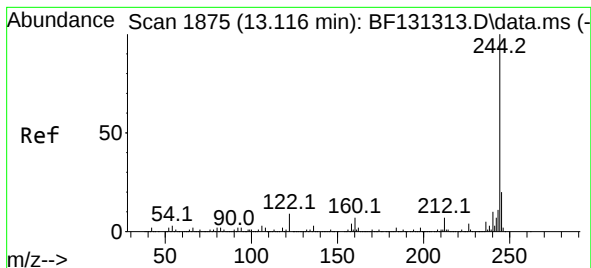
Tgt Ion:188 Resp: 399792
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF131369.D
Acq: 23 Nov 2022 19:26

Tgt Ion:240 Resp: 233797
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 25.1 20.3 30.5





#79

Terphenyl-d14

Concen: 54.858 ng

RT: 13.092 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BF131369.D

Acq: 23 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-2

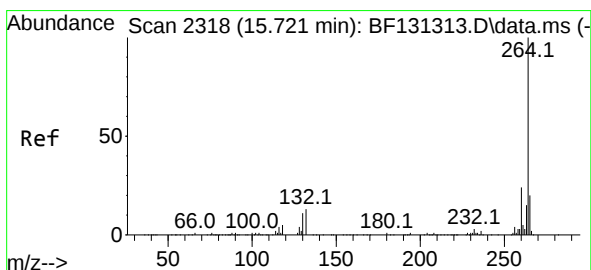
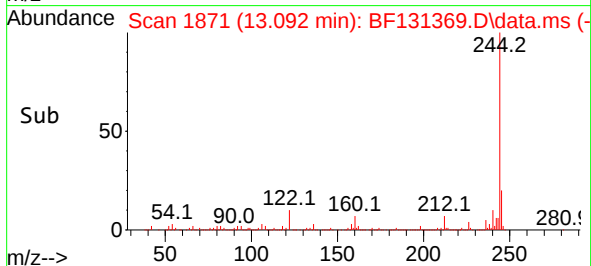
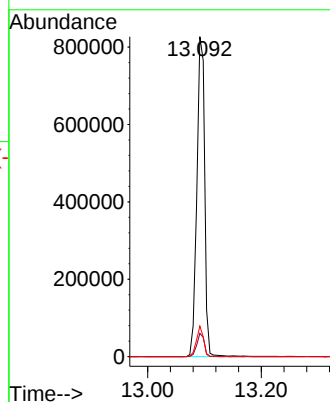
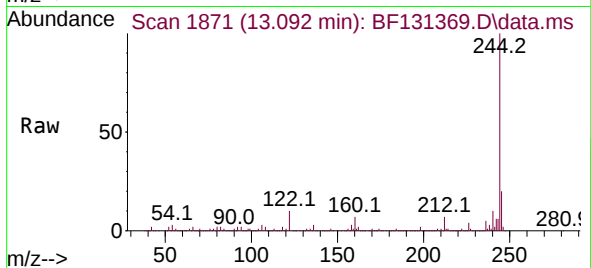
Tgt Ion:244 Resp: 784319

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.5 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: BF131369.D

Acq: 23 Nov 2022 19:26

Tgt Ion:264 Resp: 214534

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 20.6 16.4 24.6

