

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131380.D
 Acq On : 24 Nov 2022 01:24
 Operator : CG\JU
 Sample : N5641-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-11

Quant Time: Nov 24 05:59:44 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	6.957	152	103304	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	341400	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	159981	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	242504	20.000	ng	0.00
76) Chrysene-d12	14.162	240	210412	20.000	ng	0.00
86) Perylene-d12	15.698	264	155861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	636239	117.217	ng	0.01
7) Phenol-d6	6.569	99	774749	111.872	ng	0.00
23) Nitrobenzene-d5	7.522	82	489578	72.287	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	151153	112.304	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	798366	72.601	ng	0.00
79) Terphenyl-d14	13.104	244	703791	54.697	ng	0.00

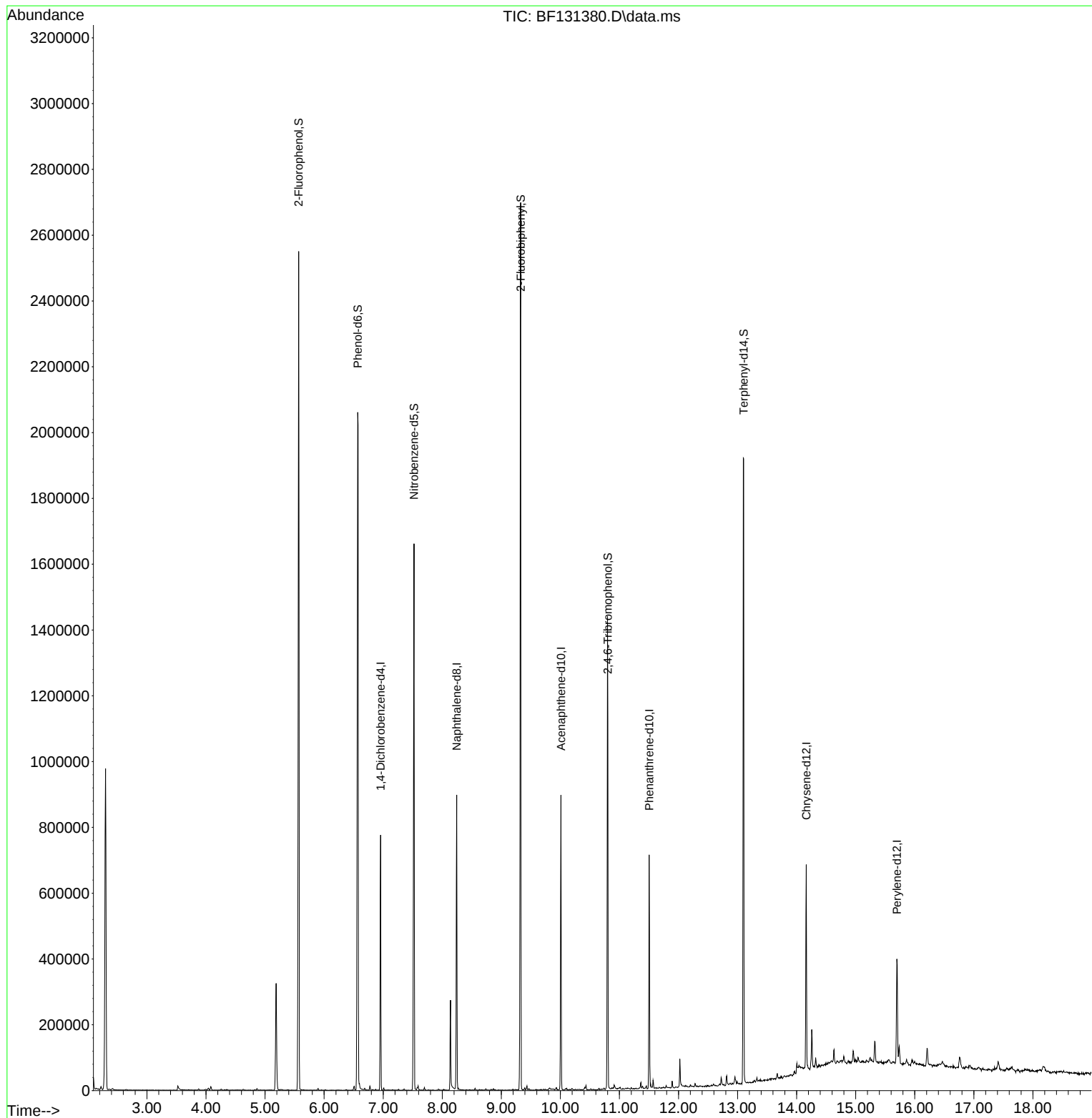
Target Compounds	Qvalue

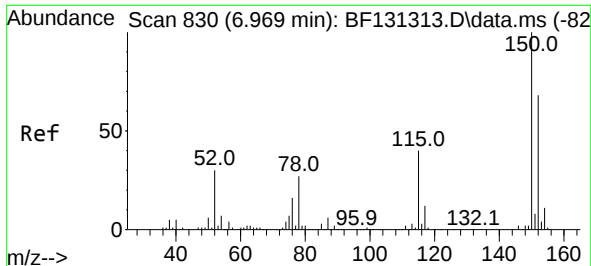
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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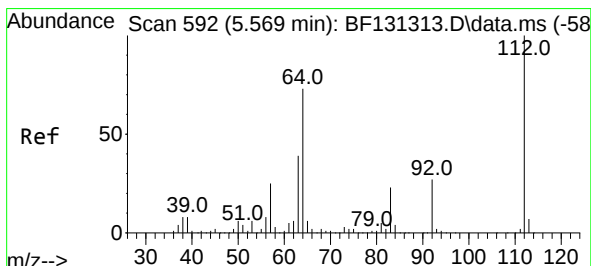
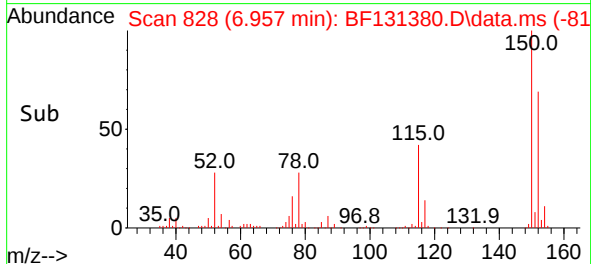
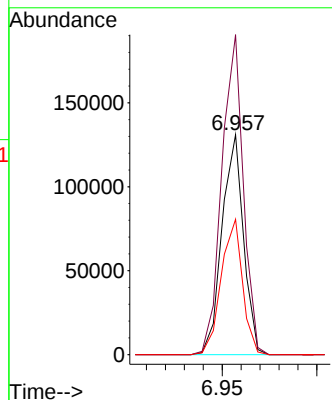
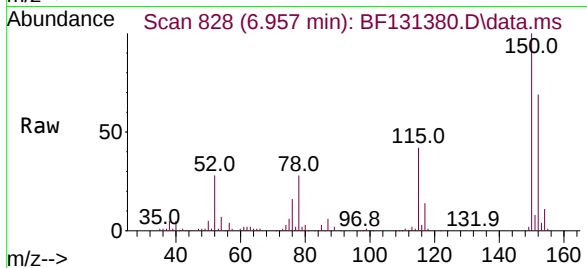




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131380.D
 Acq: 24 Nov 2022 01:24

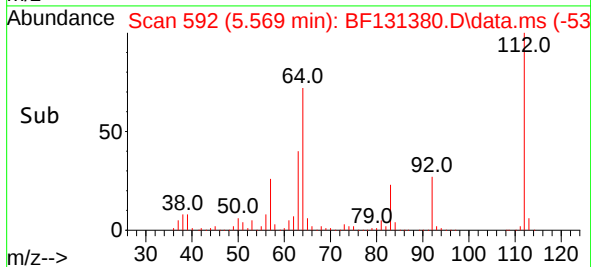
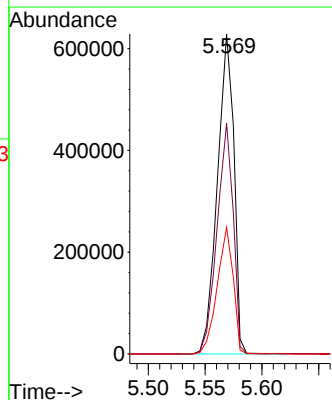
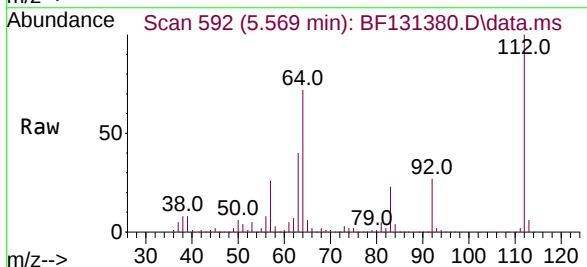
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-11

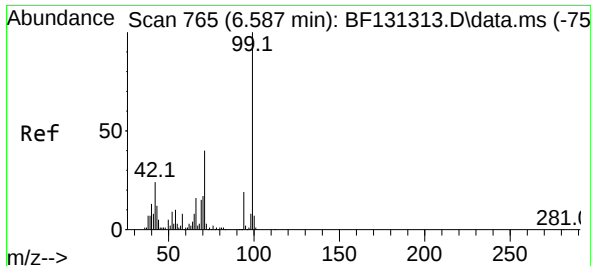
Tgt Ion:152 Resp: 103304
 Ion Ratio Lower Upper
 152 100
 150 145.5 117.8 176.8
 115 61.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 117.217 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131380.D
 Acq: 24 Nov 2022 01:24

Tgt Ion:112 Resp: 636239
 Ion Ratio Lower Upper
 112 100
 64 72.0 58.6 88.0
 63 39.5 31.4 47.0

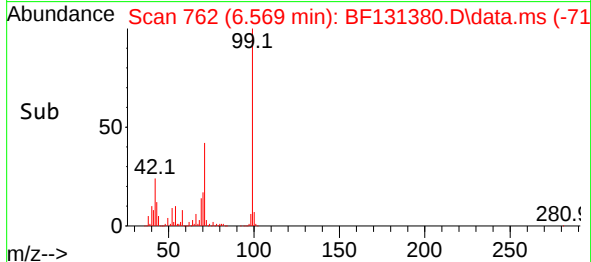
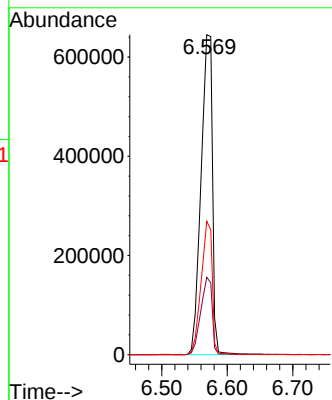
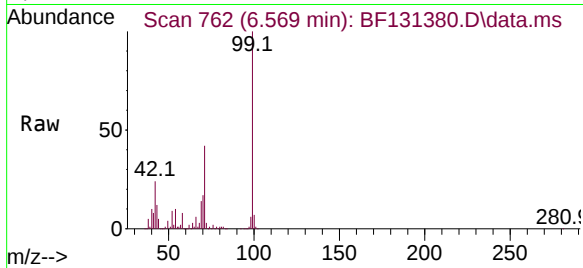




#7
Phenol-d6
Concen: 111.872 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

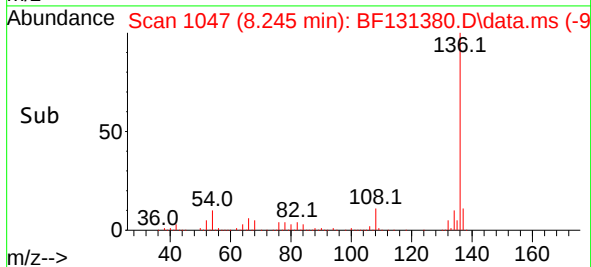
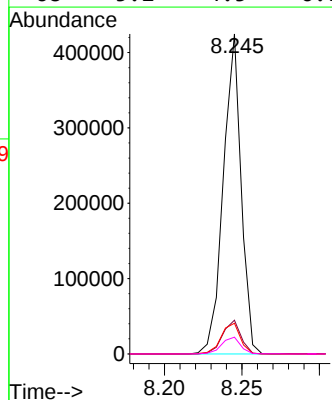
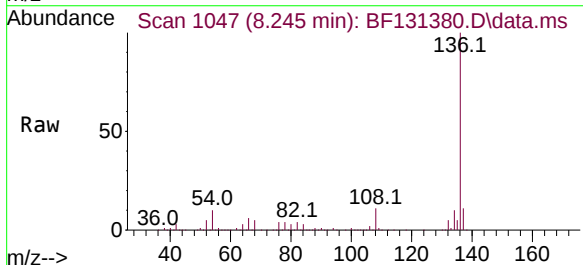
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

Tgt Ion: 99 Resp: 774749
Ion Ratio Lower Upper
99 100
42 24.2 19.4 29.2
71 41.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

Tgt Ion: 136 Resp: 341400
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.6 9.4 14.0
68 5.2 4.5 6.7

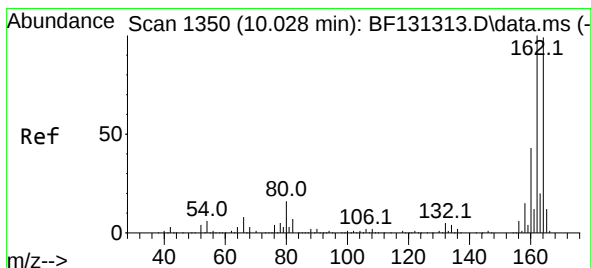
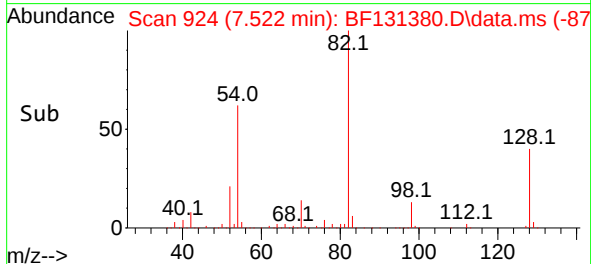
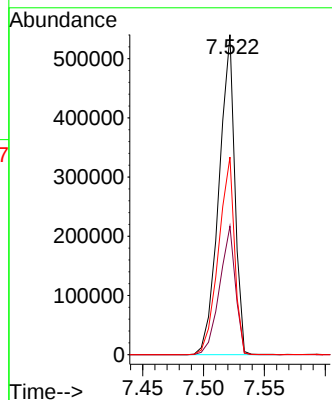
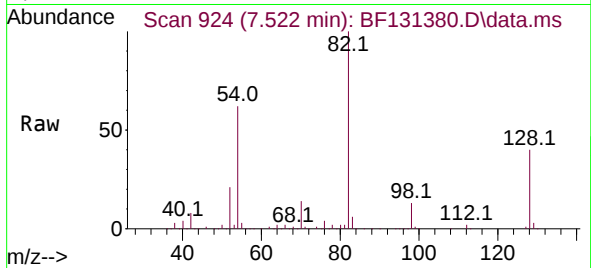




#23
Nitrobenzene-d5
Concen: 72.287 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

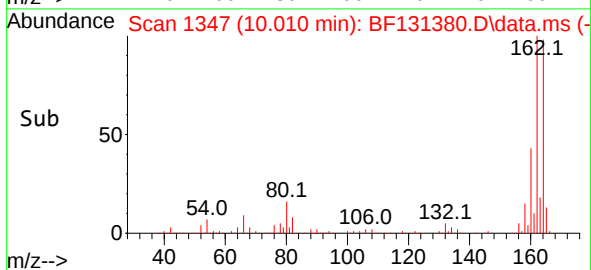
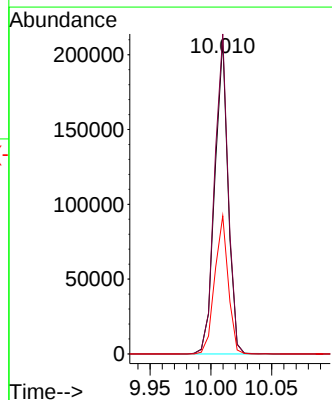
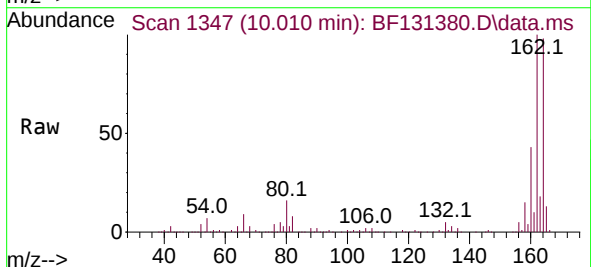
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

Tgt Ion: 82 Resp: 489578
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.0
54 61.7 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

Tgt Ion: 164 Resp: 159981
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 44.0 34.4 51.6

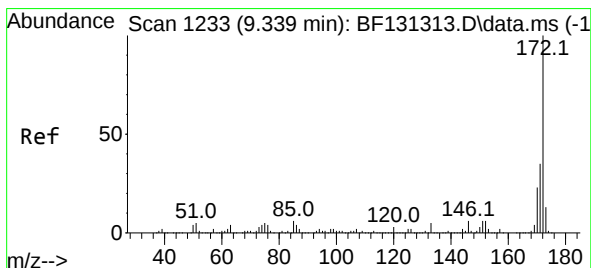
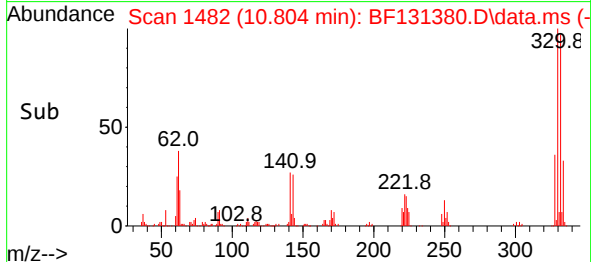
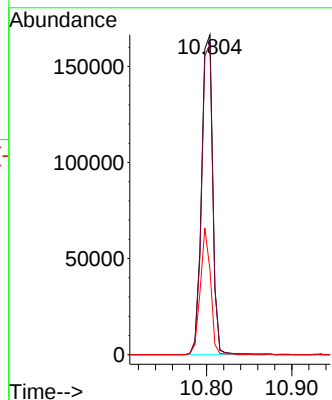
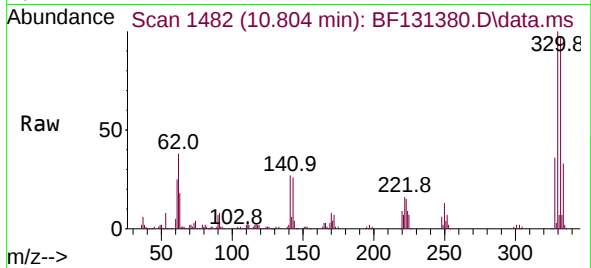




#42
2,4,6-Tribromophenol
Concen: 112.304 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

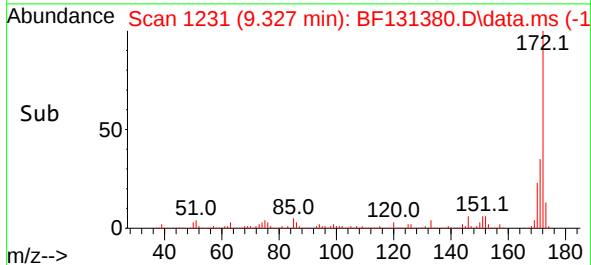
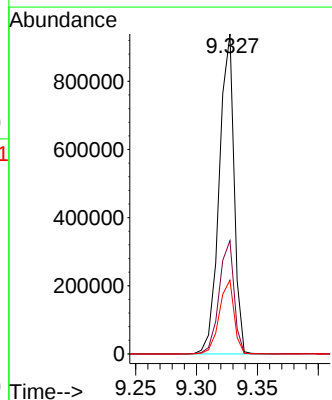
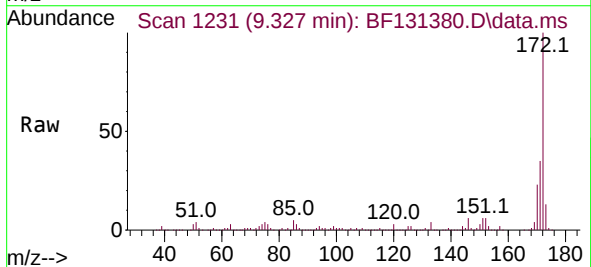
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

Tgt Ion:330 Resp: 151153
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 36.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 72.601 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

Tgt Ion:172 Resp: 798366
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.0 18.7 28.1

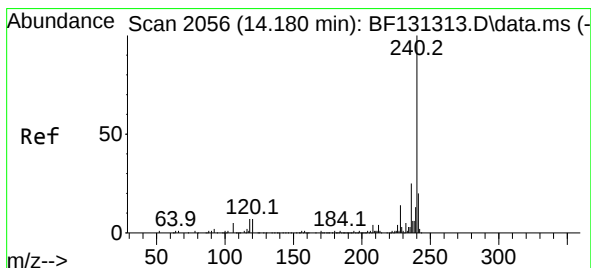
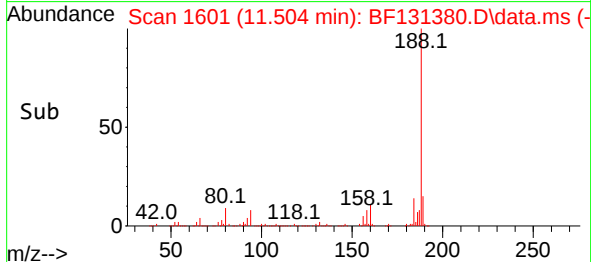
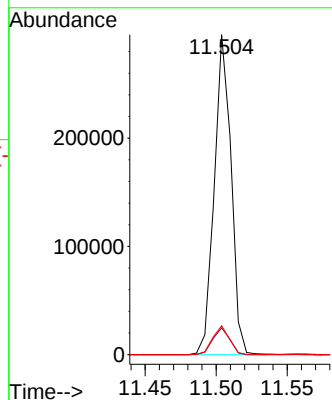
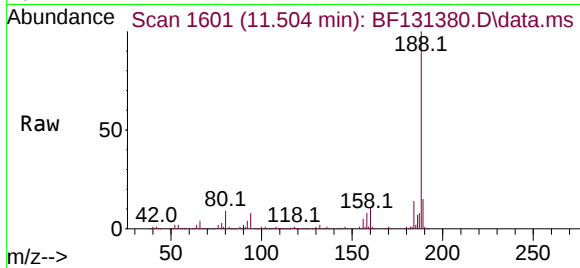




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

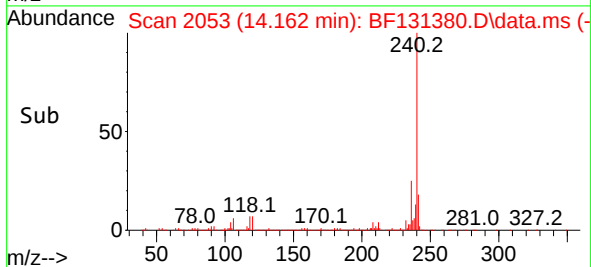
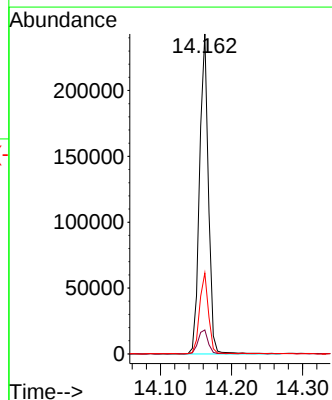
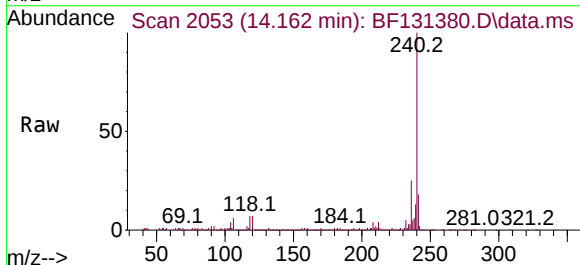
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

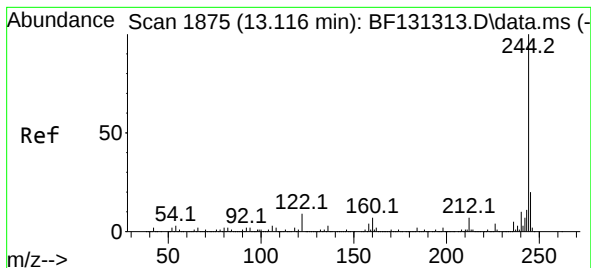
Tgt Ion:188 Resp: 242504
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BF131380.D
Acq: 24 Nov 2022 01:24

Tgt Ion:240 Resp: 210412
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 54.697 ng

RT: 13.104 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BF131380.D

Acq: 24 Nov 2022 01:24

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-11

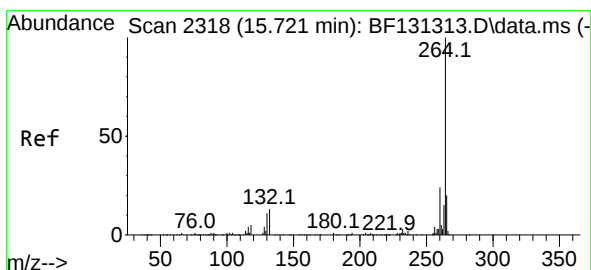
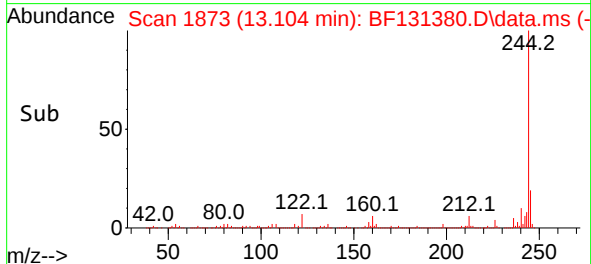
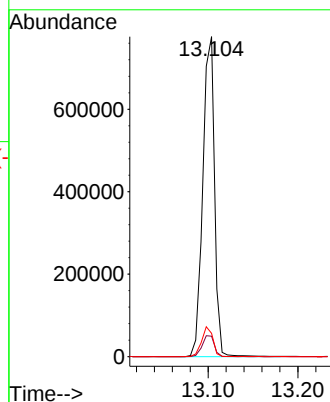
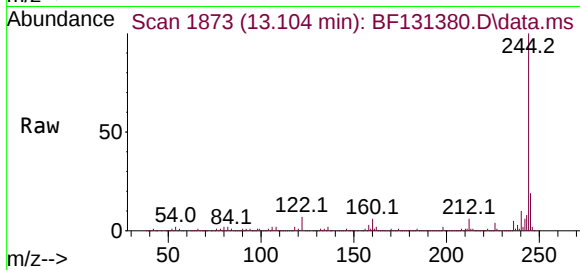
Tgt Ion:244 Resp: 703791

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 7.3 7.5 11.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. 0.006 min

Lab File: BF131380.D

Acq: 24 Nov 2022 01:24

Tgt Ion:264 Resp: 155861

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.2 16.4 24.6

