

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131358.D
 Acq On : 23 Nov 2022 12:24
 Operator : CG\JU
 Sample : N5641-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-12

Quant Time: Nov 24 06:30:38 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)

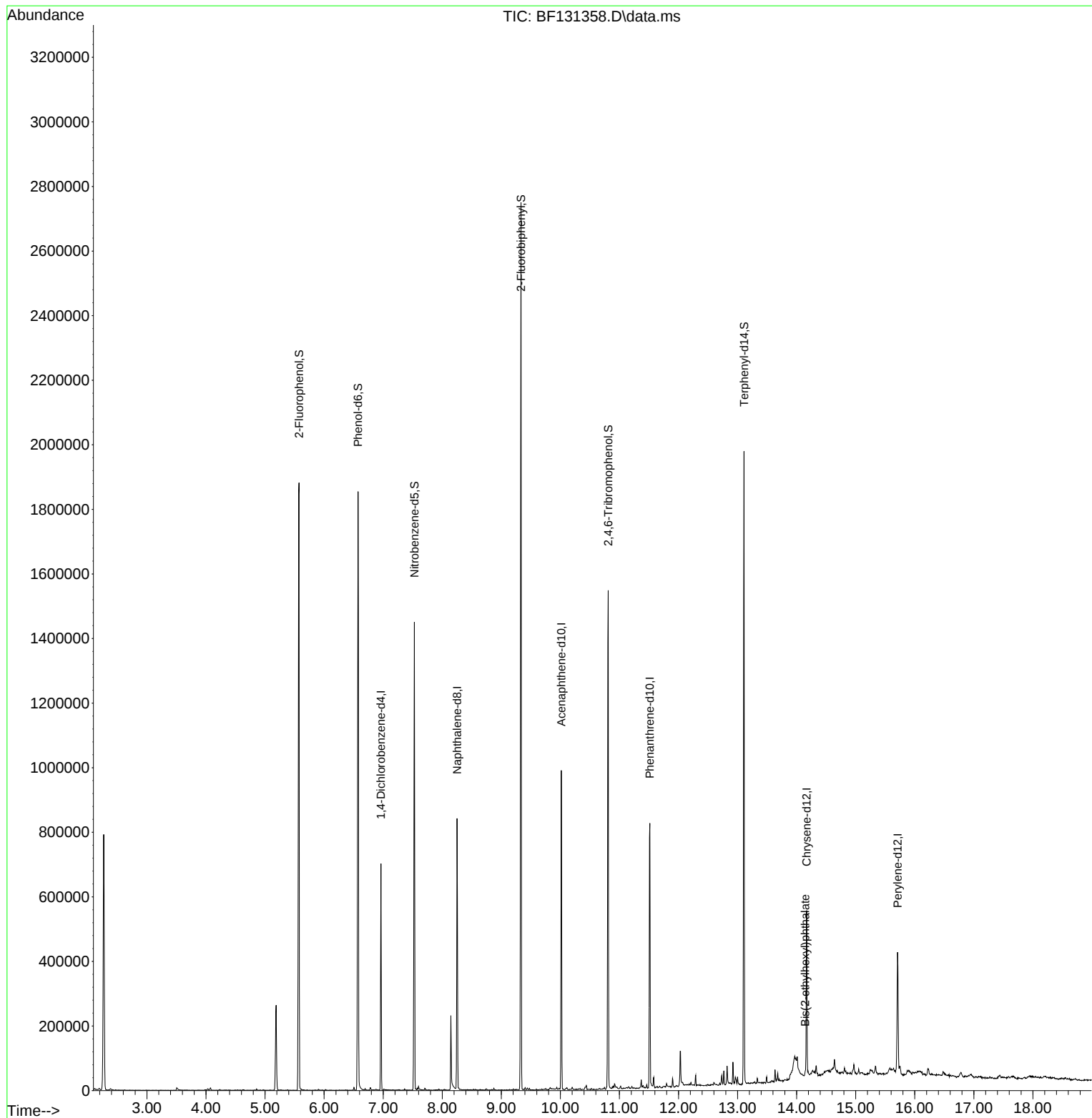
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	86609	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	319903	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	184406	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	302903	20.000	ng	0.01
76) Chrysene-d12	14.168	240	164315	20.000	ng	0.00
86) Perylene-d12	15.709	264	179460	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	499460	109.755	ng	0.02
7) Phenol-d6	6.575	99	628149	108.187	ng	0.00
23) Nitrobenzene-d5	7.528	82	409973	64.601	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	175062	112.840	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	772465	60.942	ng	0.00
79) Terphenyl-d14	13.110	244	646733	64.363	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.145	149	2901	4.162	ng	Qvalue # 93

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

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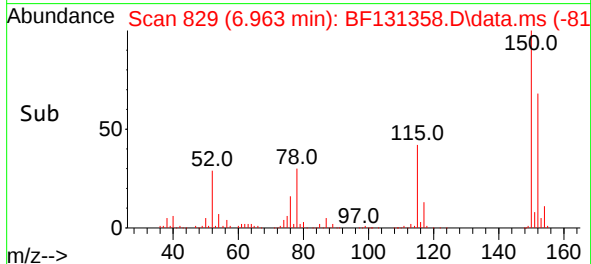
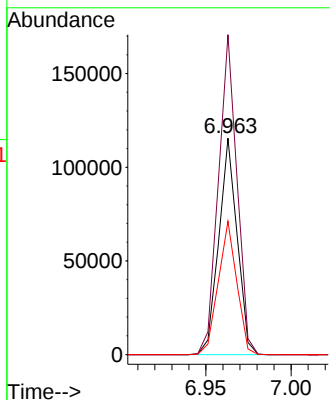
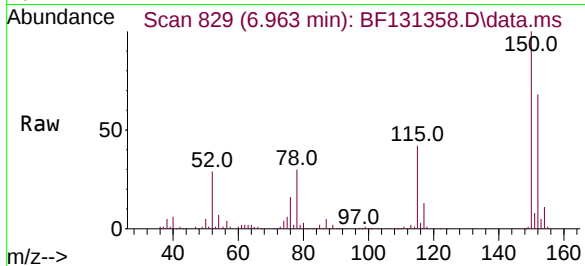




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF131358.D
 Acq: 23 Nov 2022 12:24

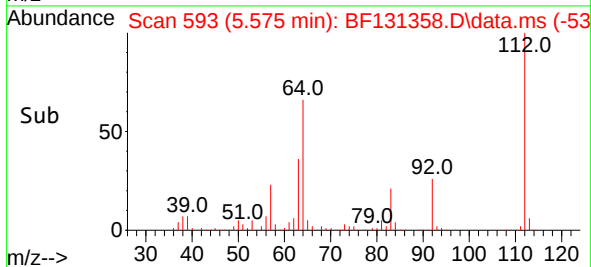
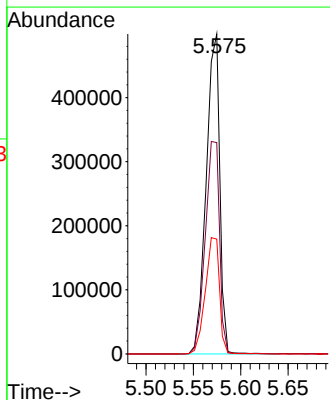
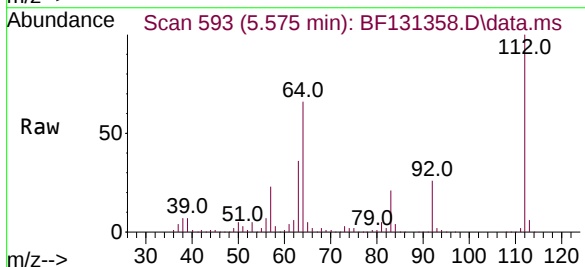
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-12

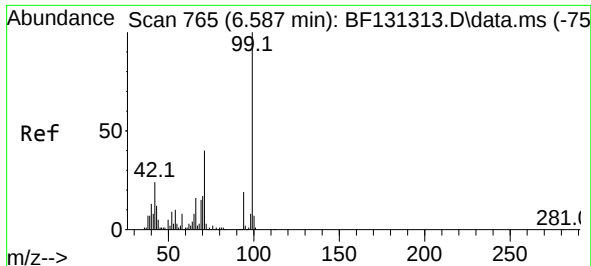
Tgt Ion:152 Resp: 86609
 Ion Ratio Lower Upper
 152 100
 150 147.8 117.8 176.8
 115 61.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 109.755 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.017 min
 Lab File: BF131358.D
 Acq: 23 Nov 2022 12:24

Tgt Ion:112 Resp: 499460
 Ion Ratio Lower Upper
 112 100
 64 66.0 58.6 88.0
 63 35.9 31.4 47.0

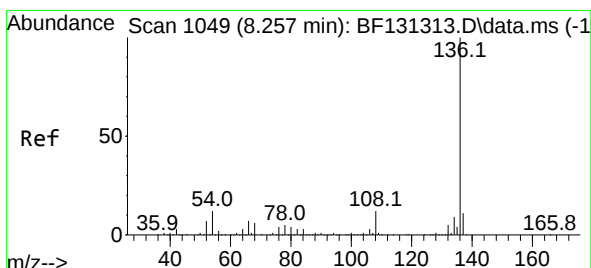
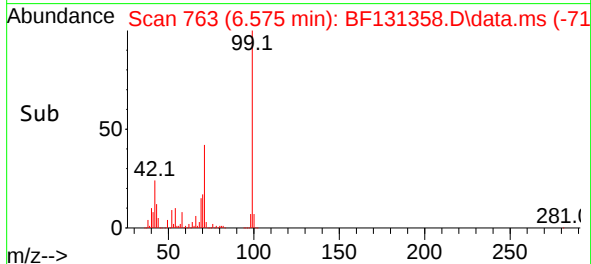
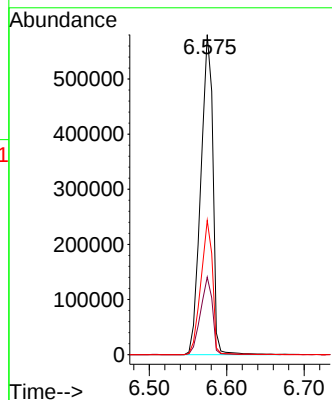
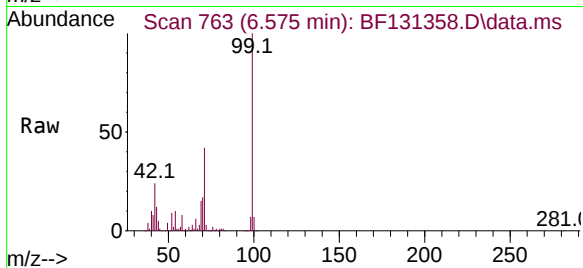




#7
Phenol-d6
Concen: 108.187 ng
RT: 6.575 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF131358.D
Acq: 23 Nov 2022 12:24

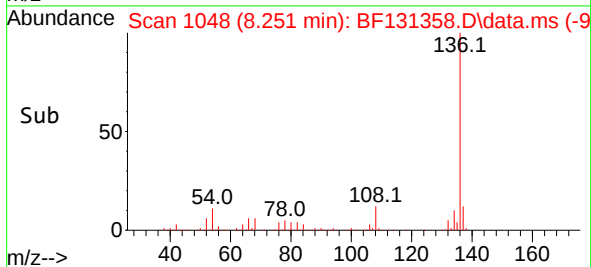
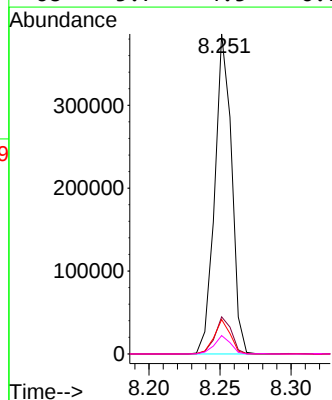
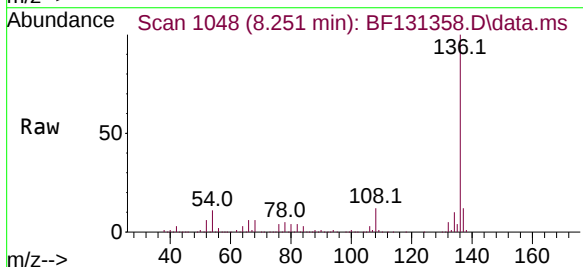
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

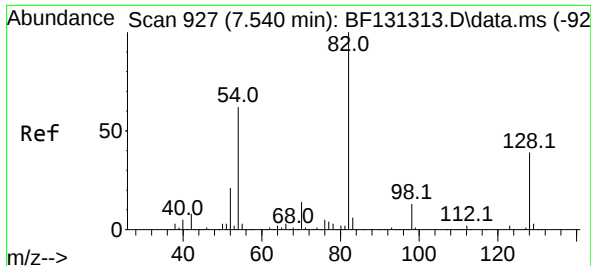
Tgt Ion: 99 Resp: 628149
Ion Ratio Lower Upper
99 100
42 24.2 19.4 29.2
71 41.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.006 min
Lab File: BF131358.D
Acq: 23 Nov 2022 12:24

Tgt Ion: 136 Resp: 319903
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.8 9.4 14.0
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 64.601 ng

RT: 7.528 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131358.D

Acq: 23 Nov 2022 12:24

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-12

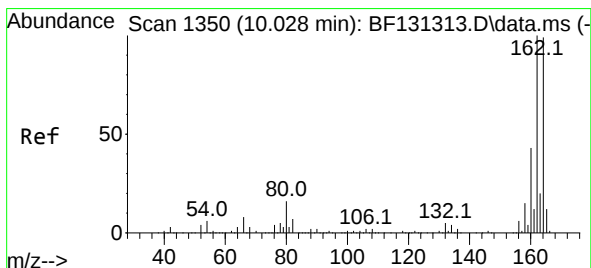
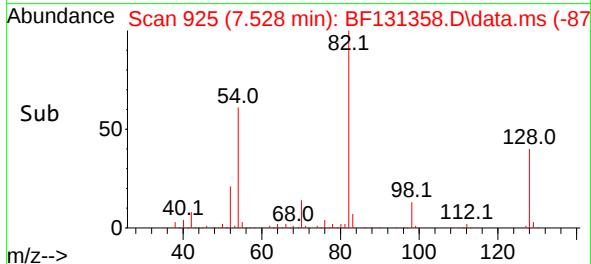
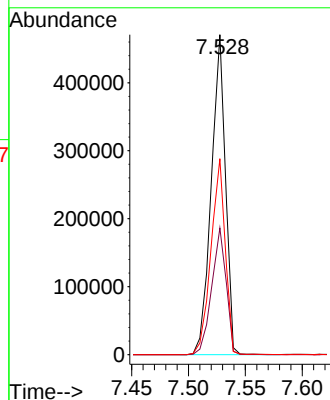
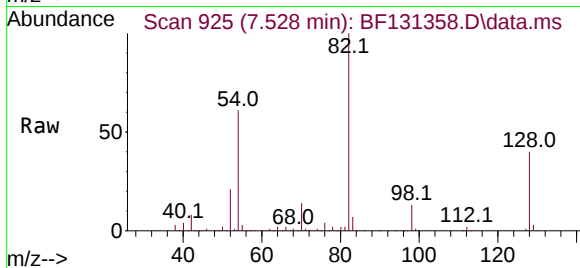
Tgt Ion: 82 Resp: 409973

Ion Ratio Lower Upper

82 100

128 39.6 31.4 47.0

54 61.2 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF131358.D

Acq: 23 Nov 2022 12:24

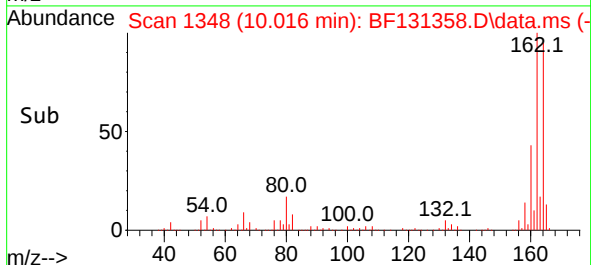
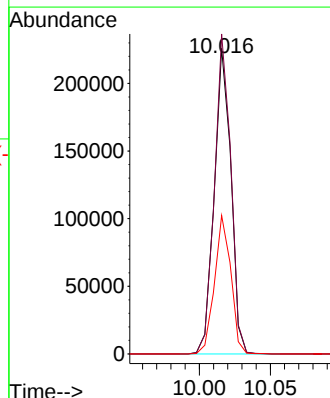
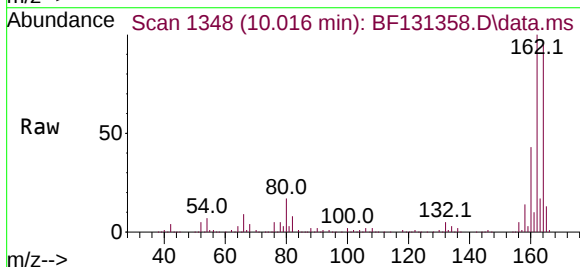
Tgt Ion:164 Resp: 184406

Ion Ratio Lower Upper

164 100

162 104.8 80.6 120.8

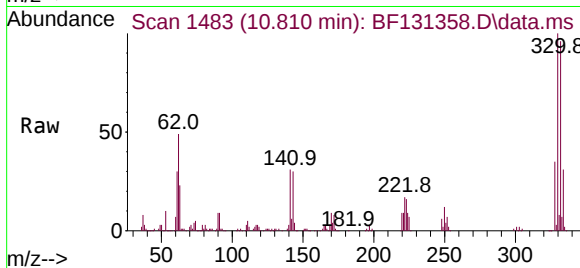
160 45.3 34.4 51.6



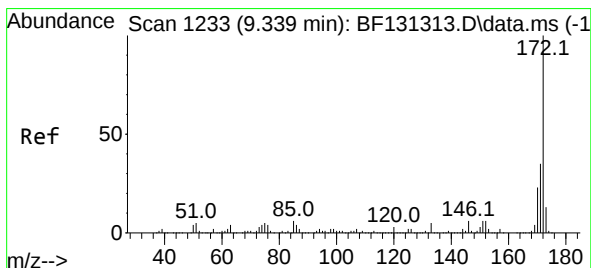
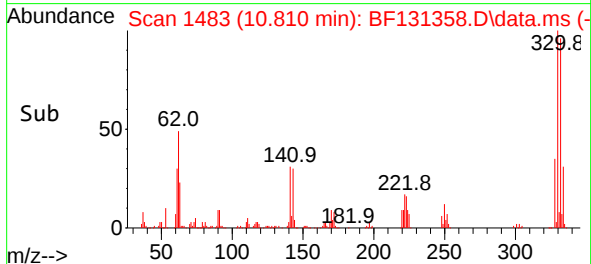
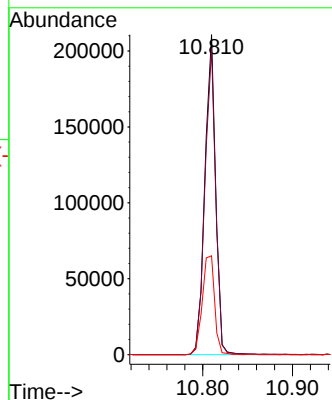


#42
2,4,6-Tribromophenol
Concen: 112.840 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF131358.D
Acq: 23 Nov 2022 12:24

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

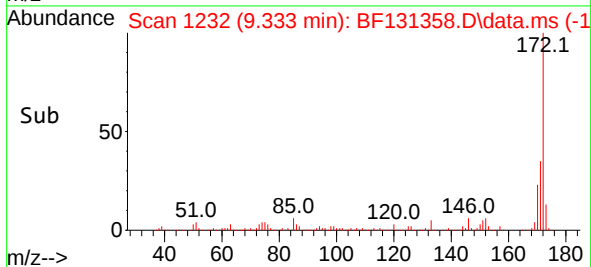
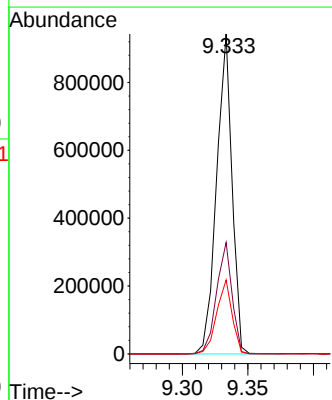
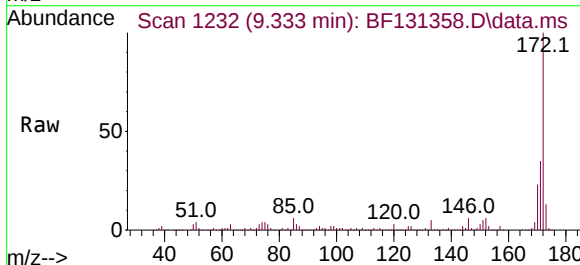


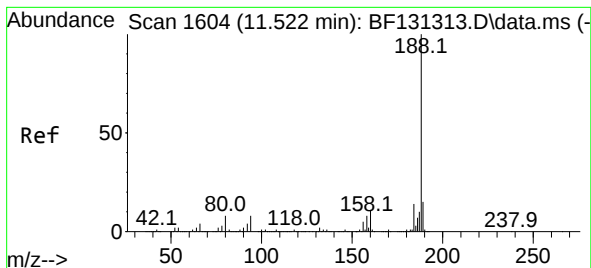
Tgt Ion: 330 Resp: 175062
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 35.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 60.942 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF131358.D
Acq: 23 Nov 2022 12:24

Tgt Ion: 172 Resp: 772465
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 10

Delta R.T. 0.012 min

Lab File: BF131358.D

Acq: 23 Nov 2022 12:24

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-12

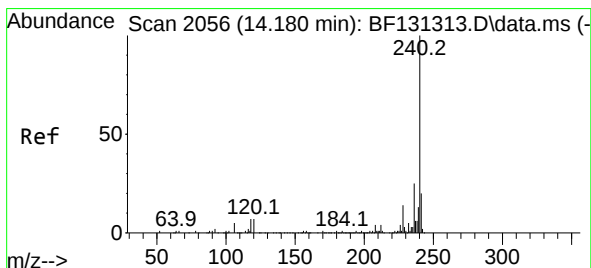
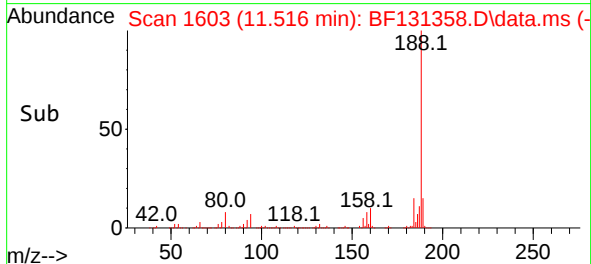
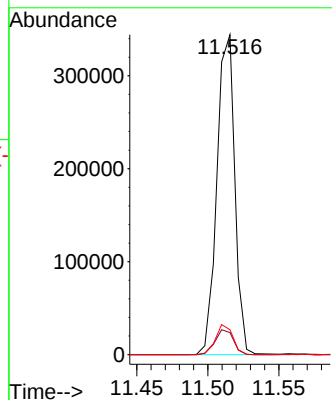
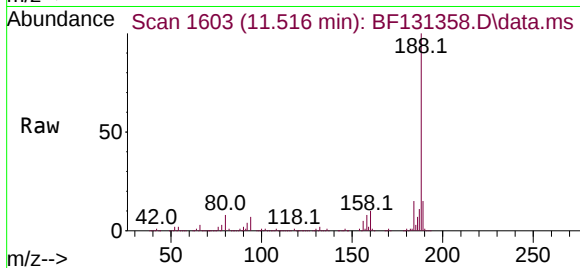
Tgt Ion:188 Resp: 302903

Ion Ratio Lower Upper

188 100

94 6.9 6.3 9.5

80 7.8 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. 0.006 min

Lab File: BF131358.D

Acq: 23 Nov 2022 12:24

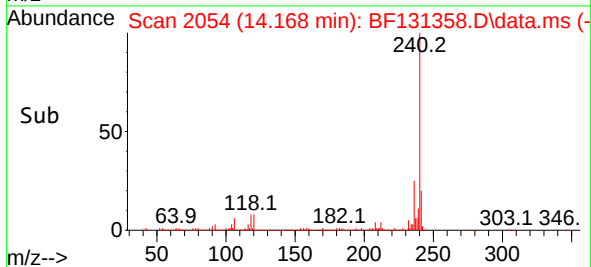
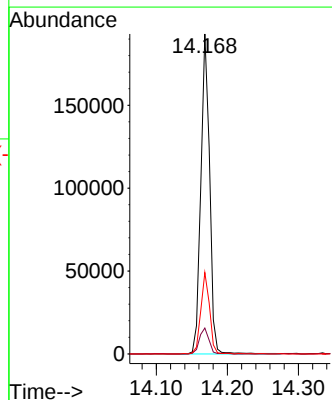
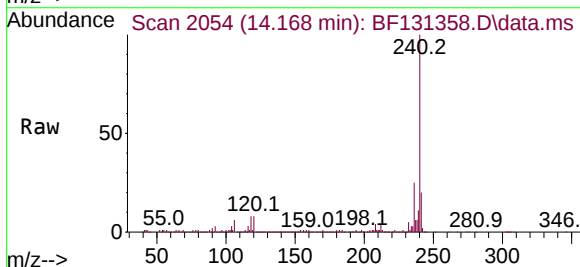
Tgt Ion:240 Resp: 164315

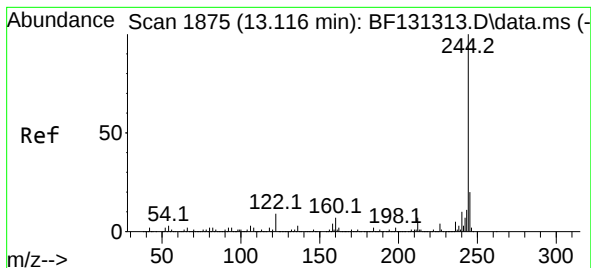
Ion Ratio Lower Upper

240 100

120 8.1 5.8 8.8

236 25.4 20.3 30.5





#79

Terphenyl-d14

Concen: 64.363 ng

RT: 13.110 min Scan# 1875

Delta R.T. 0.012 min

Lab File: BF131358.D

Acq: 23 Nov 2022 12:24

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-12

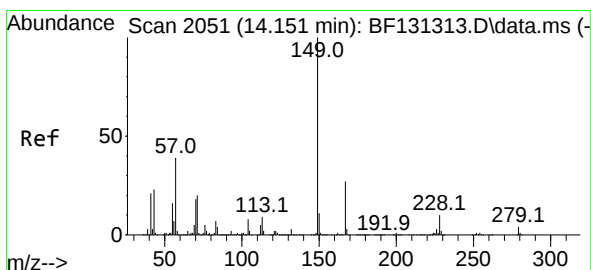
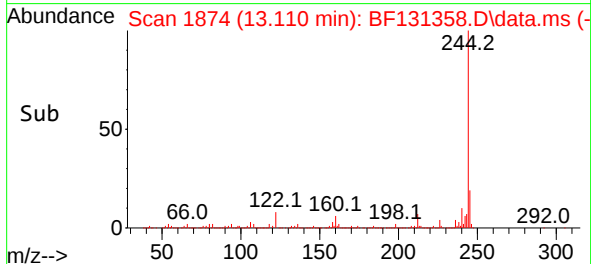
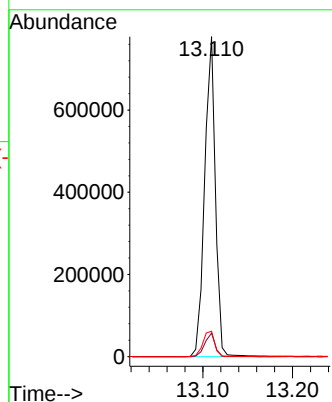
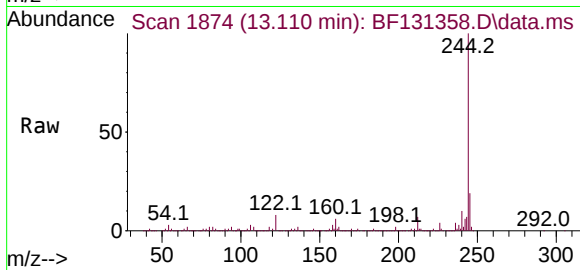
Tgt Ion:244 Resp: 646733

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 7.9 7.5 11.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.162 ng

RT: 14.145 min Scan# 2050

Delta R.T. 0.012 min

Lab File: BF131358.D

Acq: 23 Nov 2022 12:24

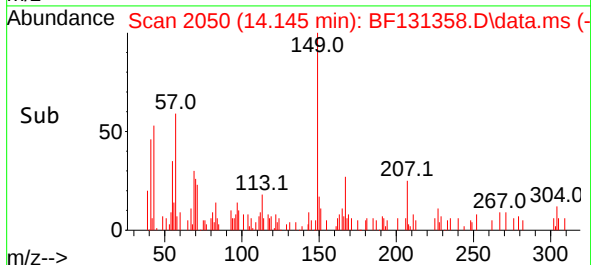
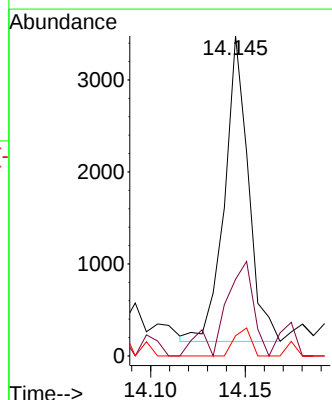
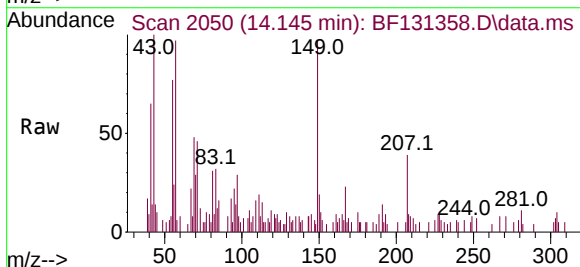
Tgt Ion:149 Resp: 2901

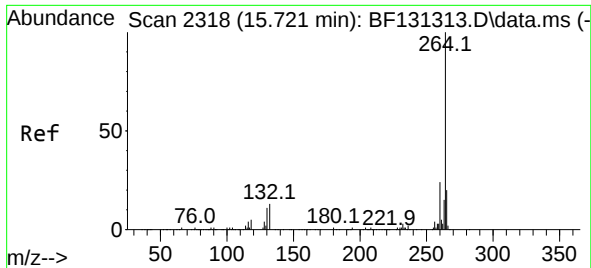
Ion Ratio Lower Upper

149 100

167 23.9 21.9 32.9

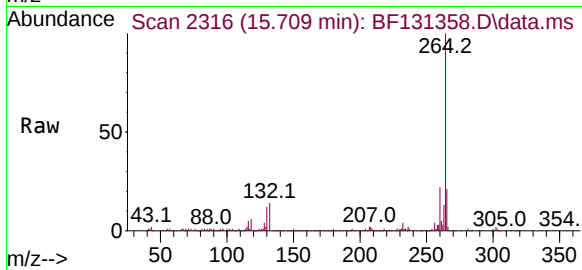
279 6.3 3.0 4.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.709 min Scan# 2316
 Delta R.T. 0.017 min
 Lab File: BF131358.D
 Acq: 23 Nov 2022 12:24

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-12



Tgt Ion:264 Resp: 179460
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.4 16.4 24.6

