

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131351.D
 Acq On : 23 Nov 2022 02:31
 Operator : CG\JU
 Sample : N5641-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-12

Quant Time: Nov 23 04:23:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	85224	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	303778	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	159486	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	234951	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	181761	20.000	ng	-0.01
86) Perylene-d12	15.710	264	180733	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	492917	110.078	ng	0.00
7) Phenol-d6	6.575	99	612944	107.284	ng	-0.01
23) Nitrobenzene-d5	7.528	82	394664	65.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	131569	98.056	ng	-0.01
45) 2-Fluorobiphenyl	9.333	172	710388	64.801	ng	0.00
79) Terphenyl-d14	13.110	244	572979	51.550	ng	0.00

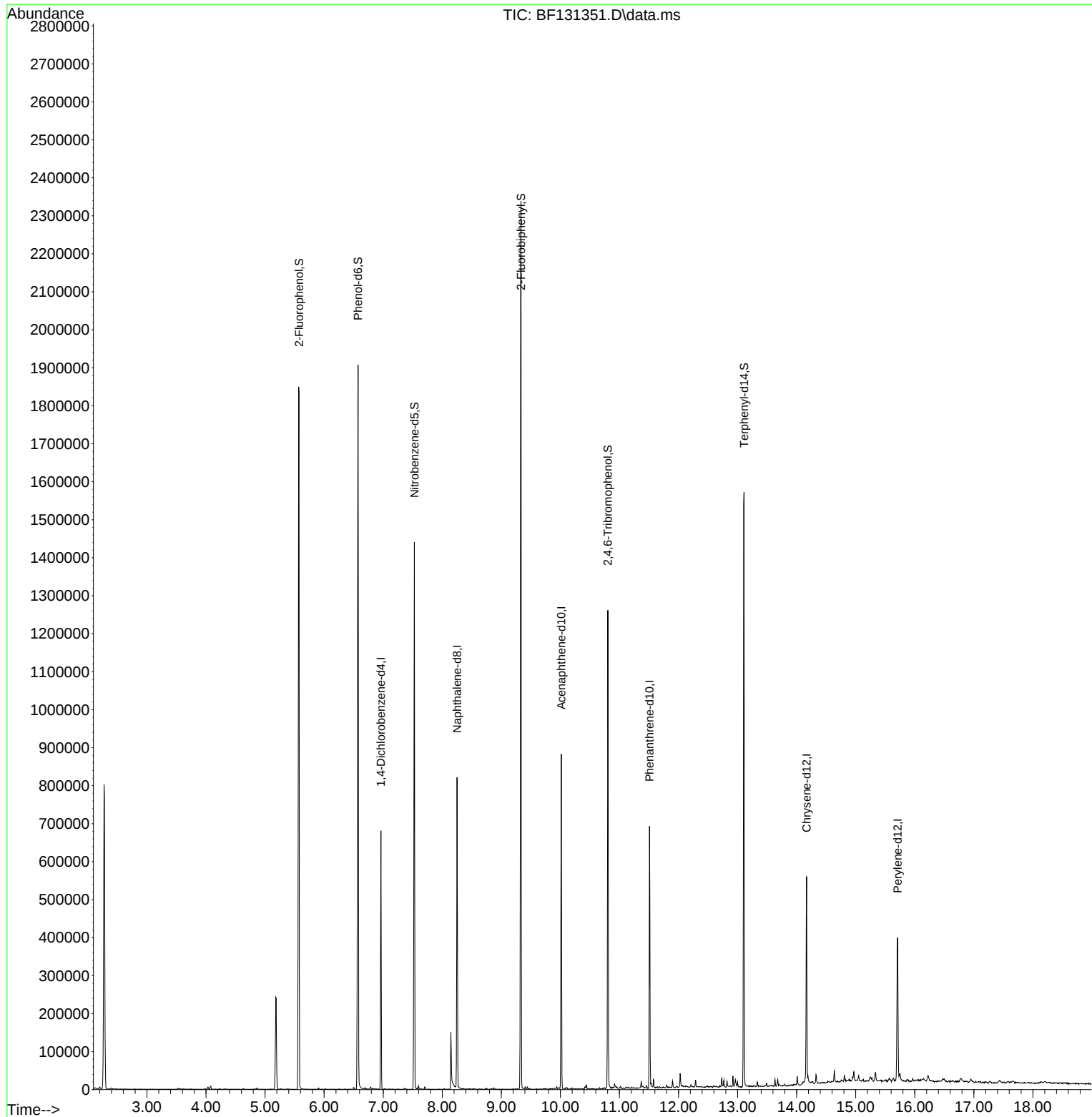
Target Compounds	Qvalue

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

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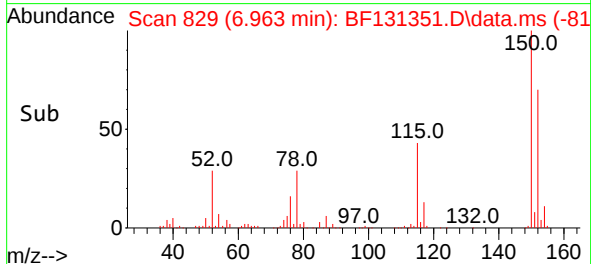
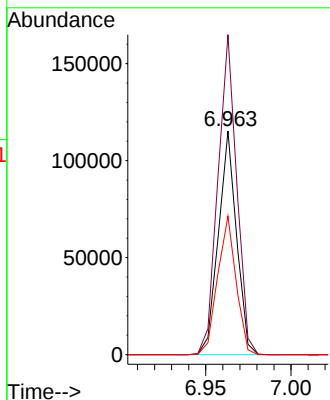
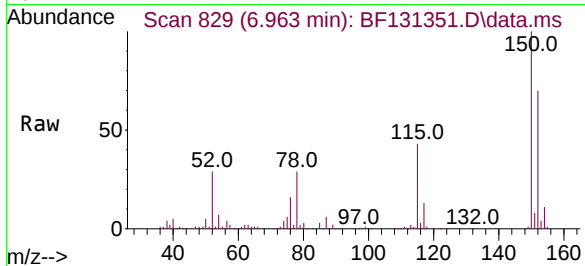




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131351.D
Acq: 23 Nov 2022 02:31

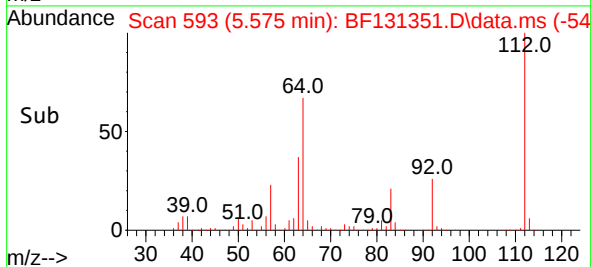
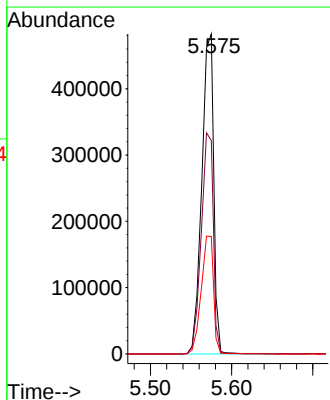
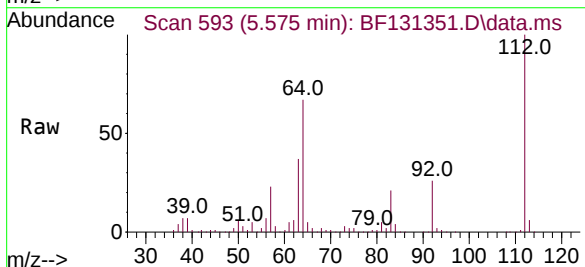
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

Tgt Ion:152 Resp: 85224
Ion Ratio Lower Upper
152 100
150 143.1 117.8 176.8
115 61.9 47.1 70.7



#5
2-Fluorophenol
Concen: 110.078 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF131351.D
Acq: 23 Nov 2022 02:31

Tgt Ion:112 Resp: 492917
Ion Ratio Lower Upper
112 100
64 66.7 58.6 88.0
63 36.7 31.4 47.0

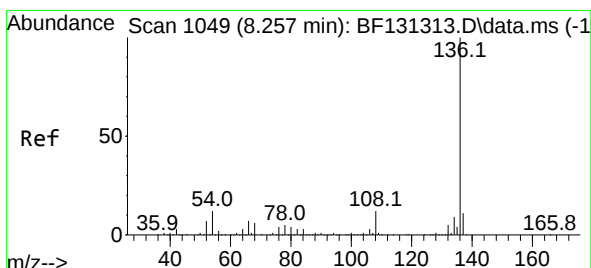
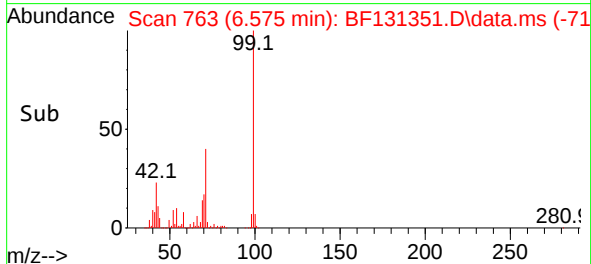
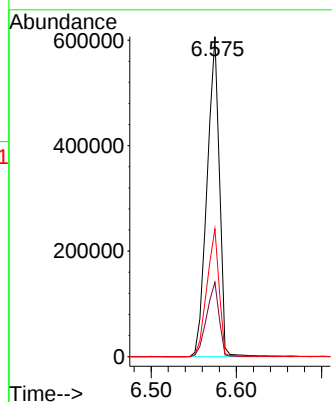
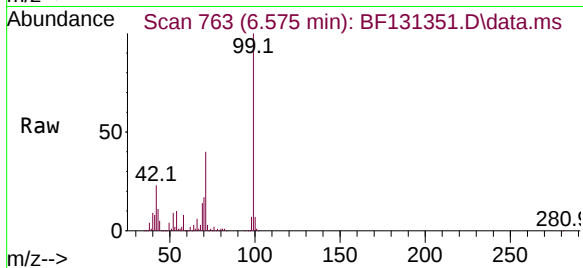




#7
Phenol-d6
Concen: 107.284 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF131351.D
Acq: 23 Nov 2022 02:31

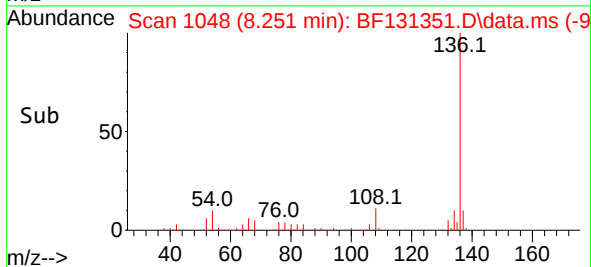
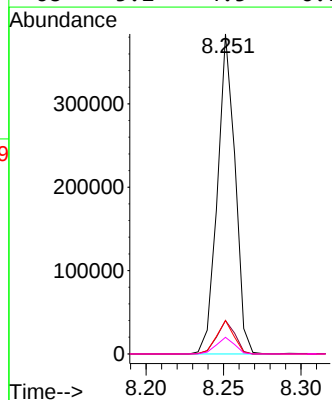
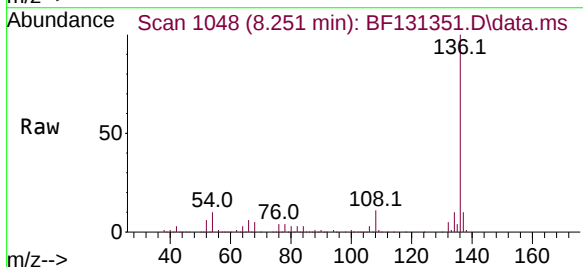
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

Tgt Ion: 99 Resp: 612944
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 39.9 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: BF131351.D
Acq: 23 Nov 2022 02:31

Tgt Ion:136 Resp: 303778
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 10.4 9.4 14.0
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 65.490 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131351.D

Acq: 23 Nov 2022 02:31

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-12

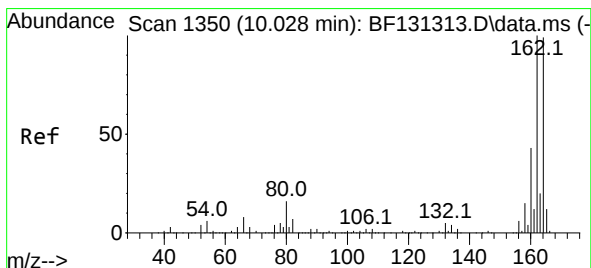
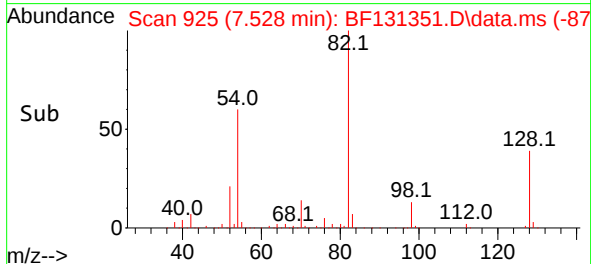
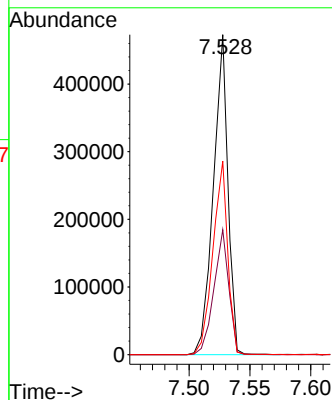
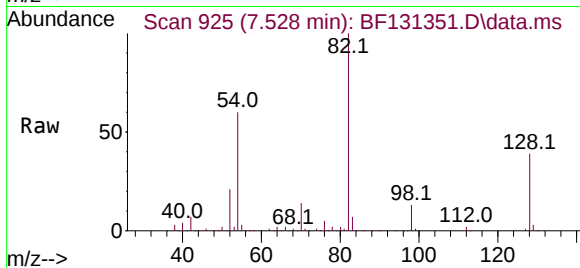
Tgt Ion: 82 Resp: 394664

Ion Ratio Lower Upper

82 100

128 39.0 31.4 47.0

54 60.5 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF131351.D

Acq: 23 Nov 2022 02:31

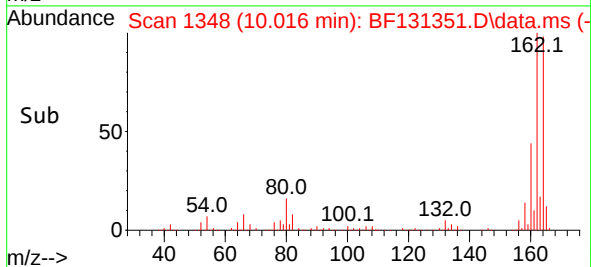
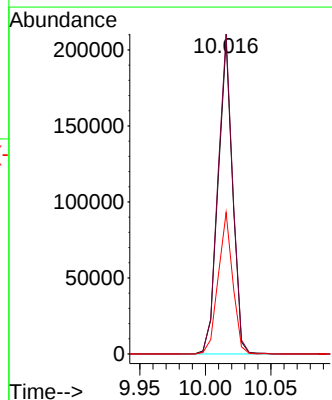
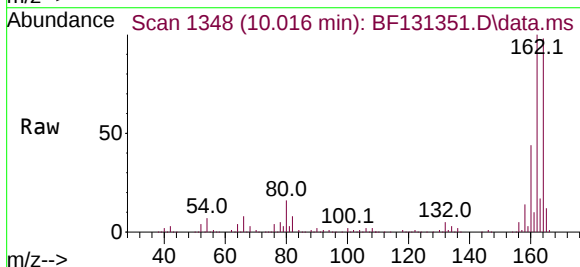
Tgt Ion:164 Resp: 159486

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 45.1 34.4 51.6

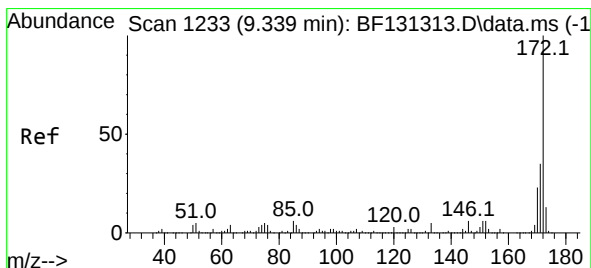
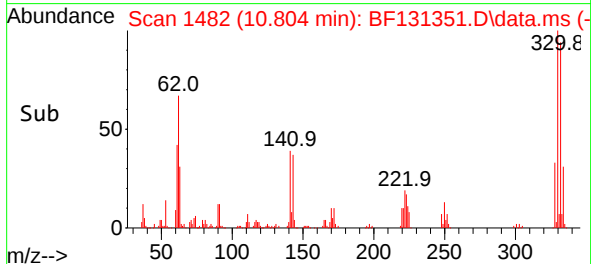
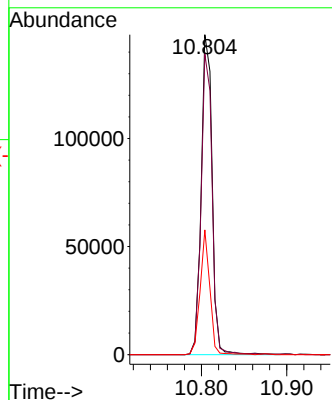
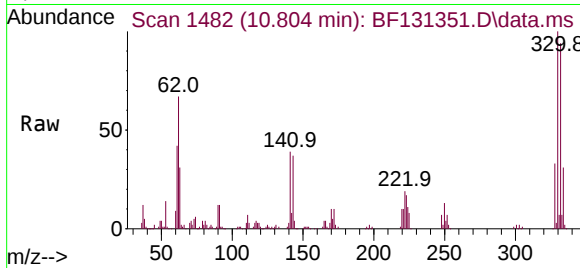




#42
2,4,6-Tribromophenol
Concen: 98.056 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.012 min
Lab File: BF131351.D
Acq: 23 Nov 2022 02:31

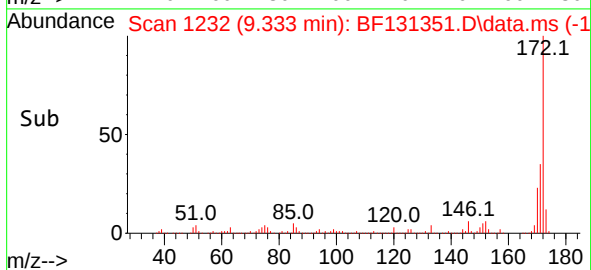
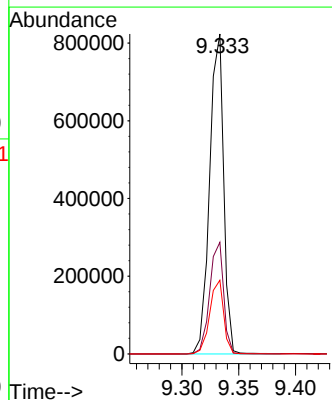
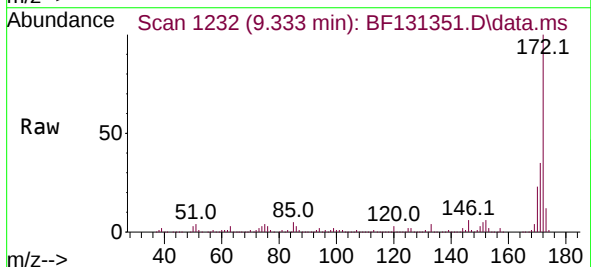
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

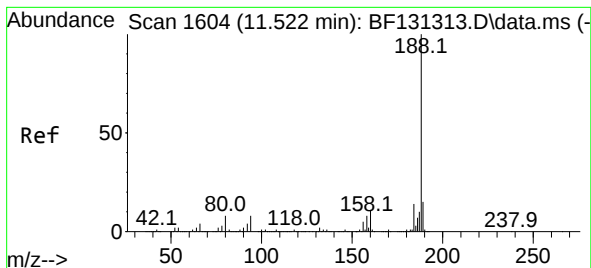
Tgt Ion:330 Resp: 131569
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 64.801 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131351.D
Acq: 23 Nov 2022 02:31

Tgt Ion:172 Resp: 710388
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF131351.D

Acq: 23 Nov 2022 02:31

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-12

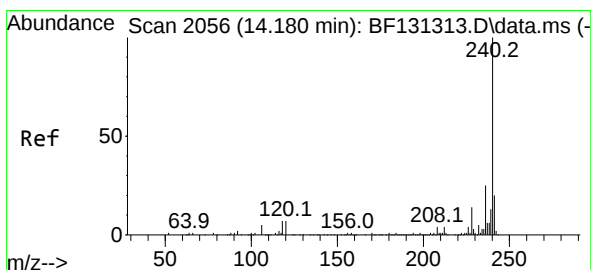
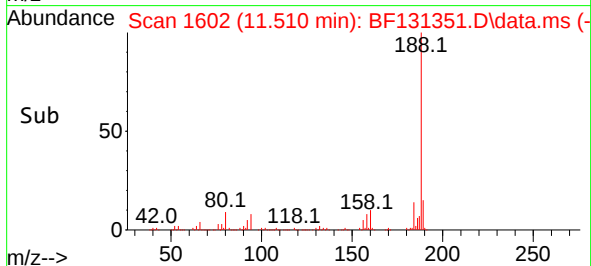
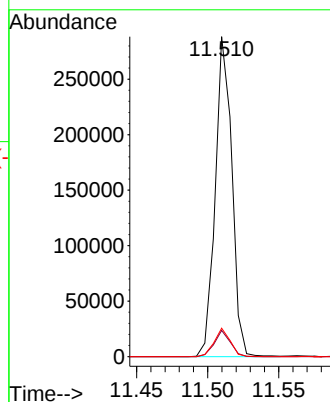
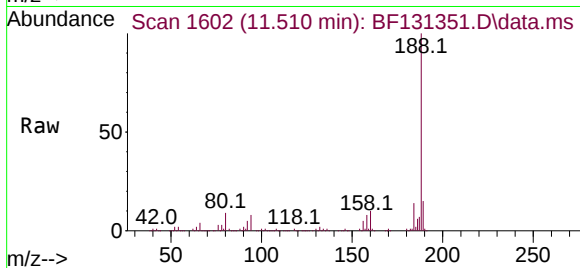
Tgt Ion:188 Resp: 234951

Ion Ratio Lower Upper

188 100

94 8.2 6.3 9.5

80 8.9 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF131351.D

Acq: 23 Nov 2022 02:31

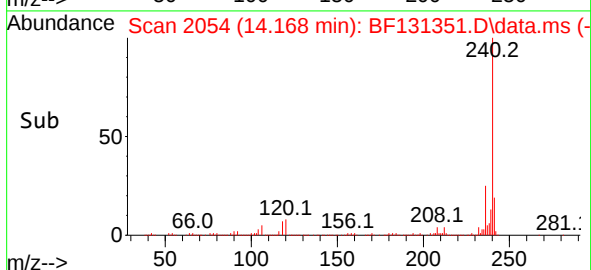
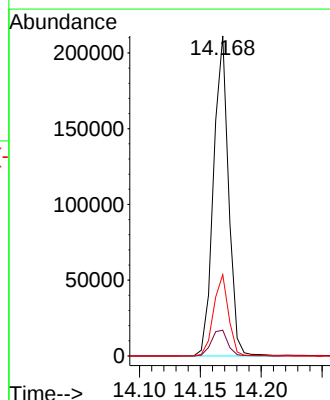
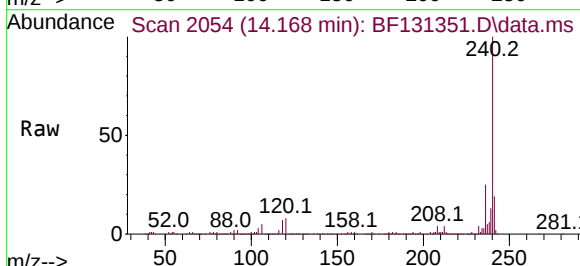
Tgt Ion:240 Resp: 181761

Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

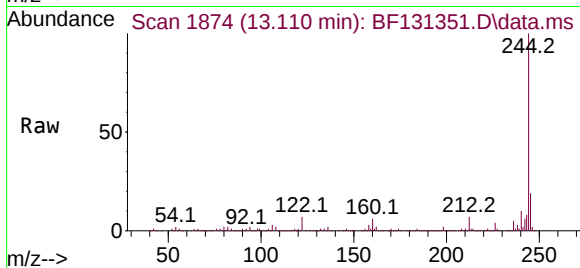
236 25.4 20.3 30.5



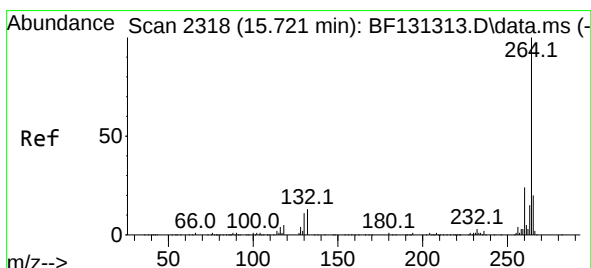
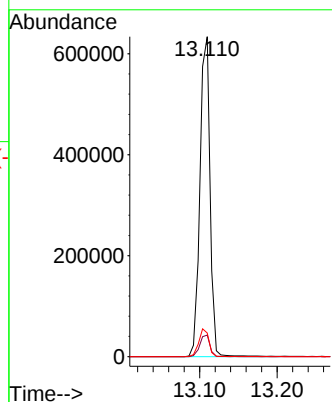
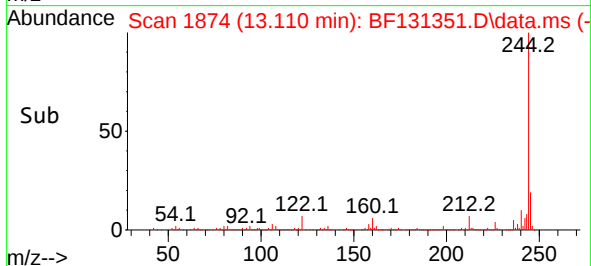


#79
 Terphenyl-d14
 Concen: 51.550 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131351.D
 Acq: 23 Nov 2022 02:31

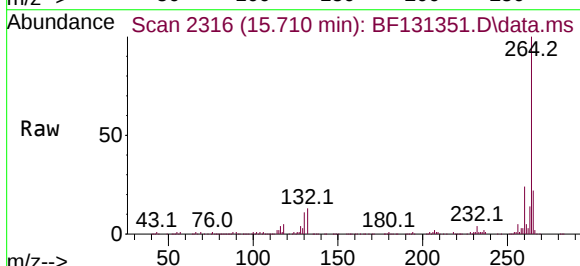
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-12



Tgt Ion:244 Resp: 572979
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 7.4 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 2316
 Delta R.T. -0.012 min
 Lab File: BF131351.D
 Acq: 23 Nov 2022 02:31



Tgt Ion:264 Resp: 180733
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.0 16.4 24.6

