

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131350.D
 Acq On : 23 Nov 2022 02:00
 Operator : CG\JU
 Sample : N5641-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-3

Quant Time: Nov 23 04:22:54 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	91827	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	323810	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	164544	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	244733	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	186918	20.000	ng	-0.01
86) Perylene-d12	15.709	264	197095	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	515657	106.876	ng	0.00
7) Phenol-d6	6.575	99	642594	104.386	ng	-0.01
23) Nitrobenzene-d5	7.528	82	415629	64.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	136197	98.385	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	738893	65.329	ng	0.00
79) Terphenyl-d14	13.104	244	573949	50.212	ng	-0.01

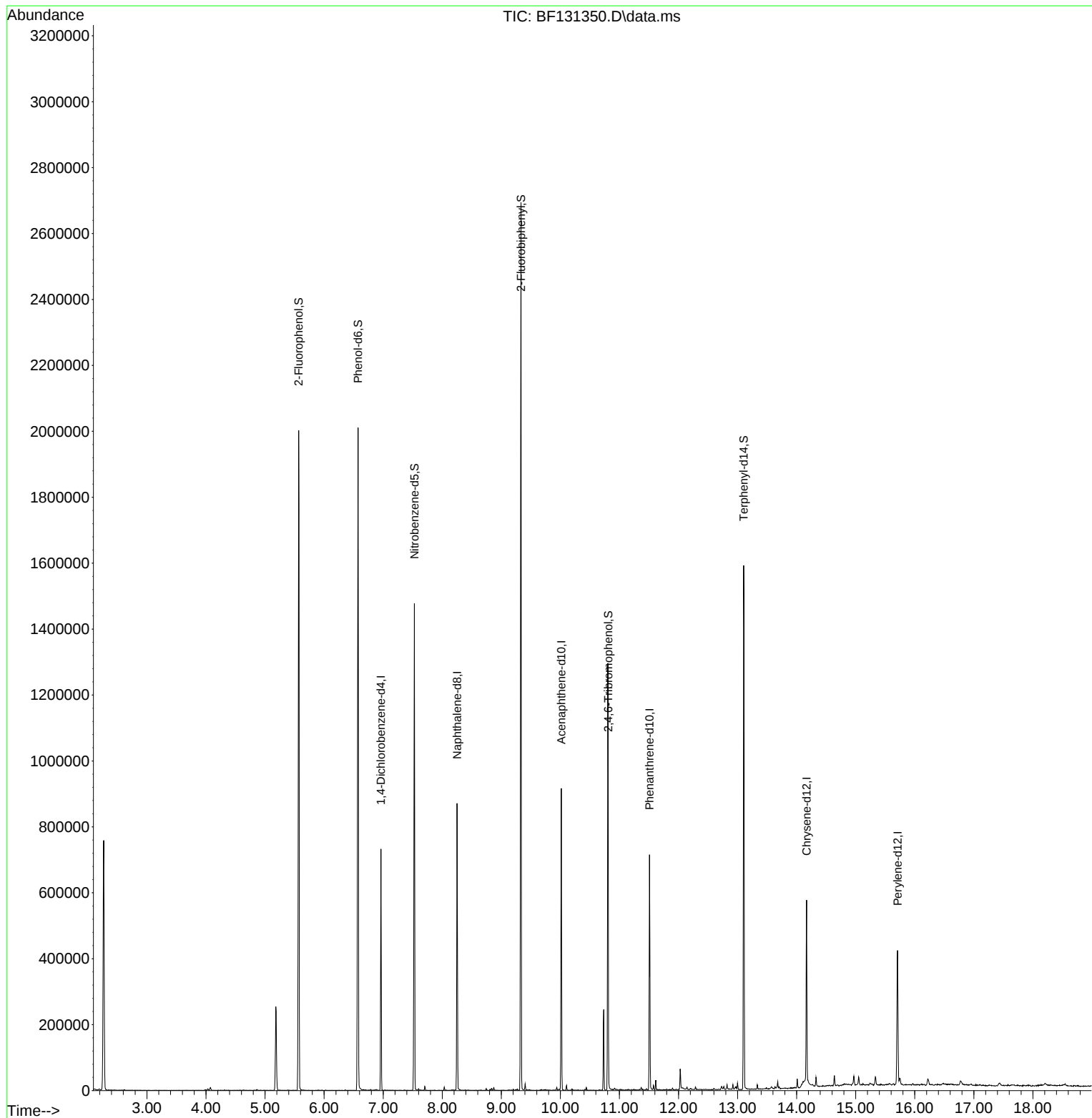
Target Compounds	Qvalue

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

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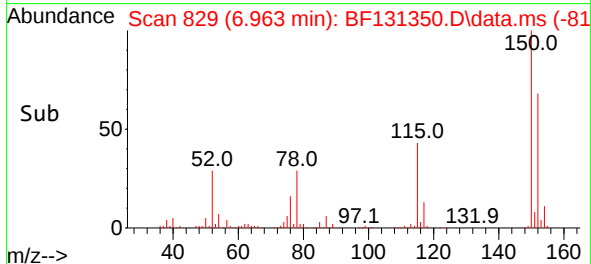
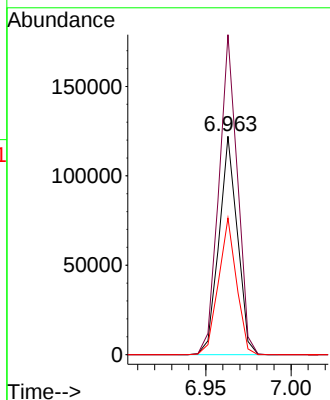
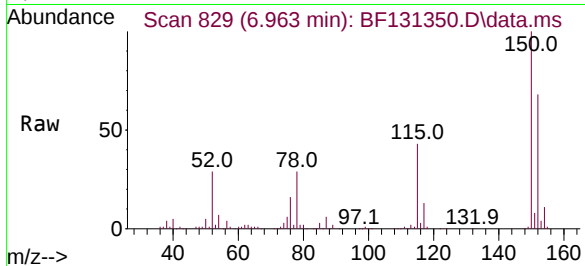




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131350.D
Acq: 23 Nov 2022 02:00

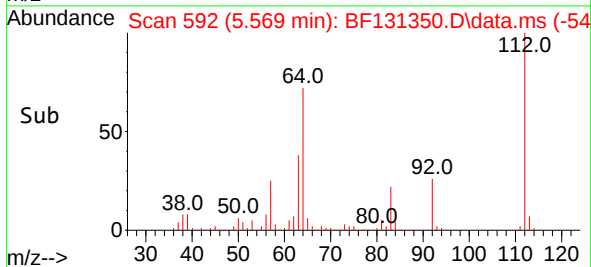
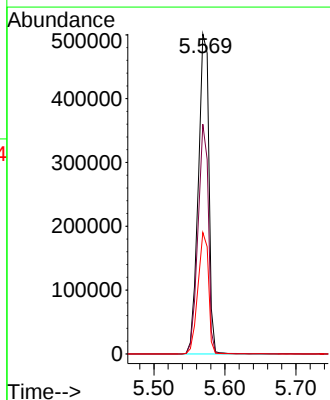
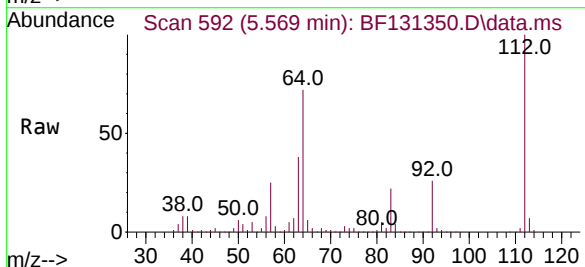
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-3

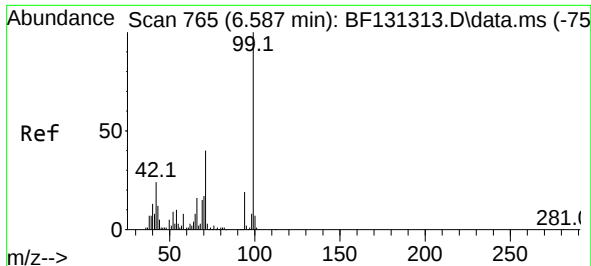
Tgt Ion:152 Resp: 91827
Ion Ratio Lower Upper
152 100
150 146.6 117.8 176.8
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 106.876 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF131350.D
Acq: 23 Nov 2022 02:00

Tgt Ion:112 Resp: 515657
Ion Ratio Lower Upper
112 100
64 71.8 58.6 88.0
63 37.9 31.4 47.0

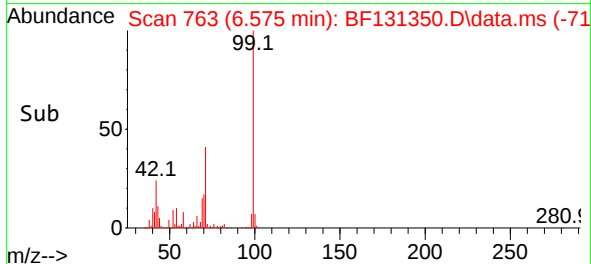
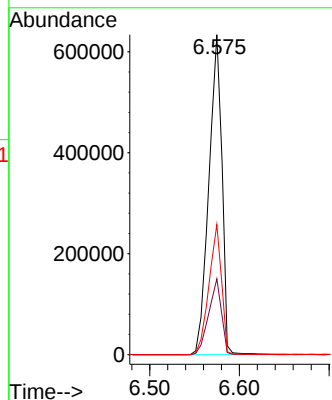
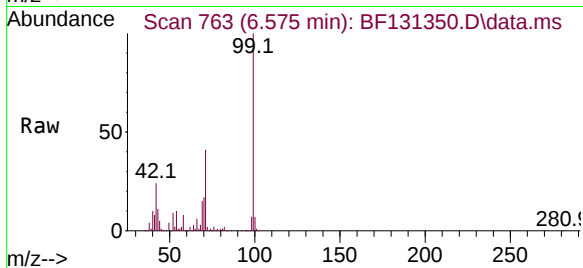




#7
Phenol-d6
Concen: 104.386 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF131350.D
Acq: 23 Nov 2022 02:00

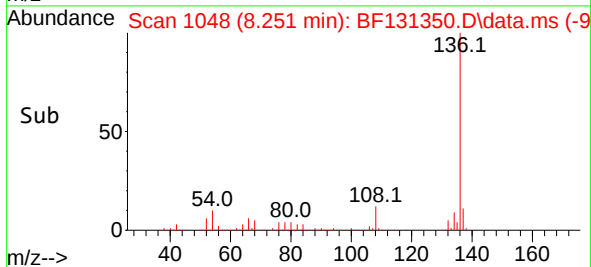
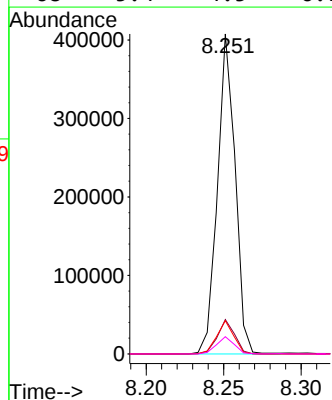
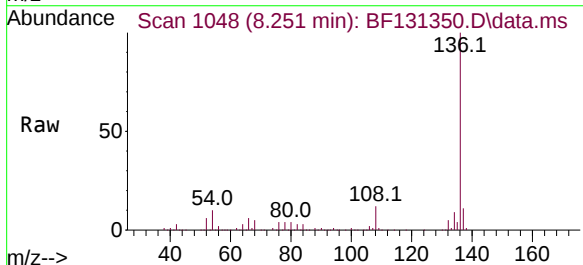
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-3

Tgt Ion: 99 Resp: 642594
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 40.6 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: BF131350.D
Acq: 23 Nov 2022 02:00

Tgt Ion: 136 Resp: 323810
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.4 9.4 14.0
68 5.4 4.5 6.7

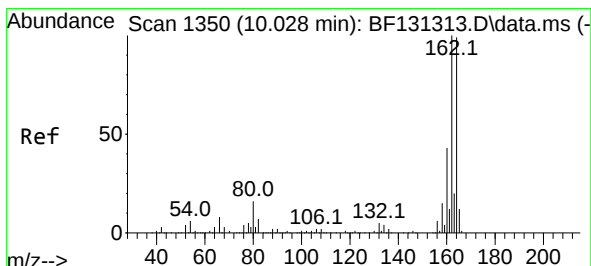
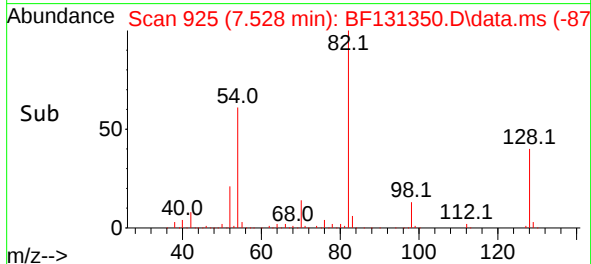
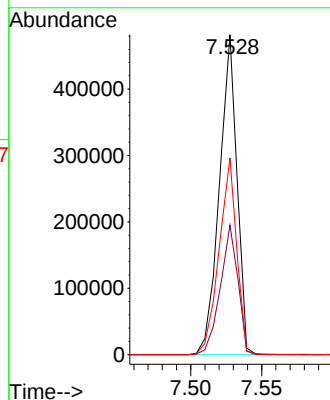
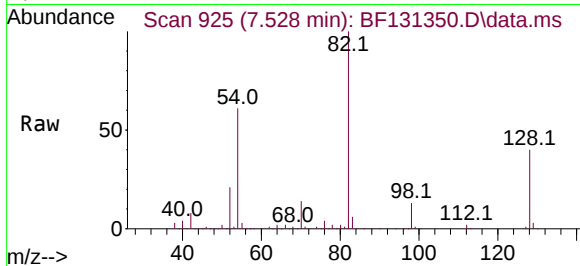




#23
Nitrobenzene-d5
Concen: 64.702 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131350.D
Acq: 23 Nov 2022 02:00

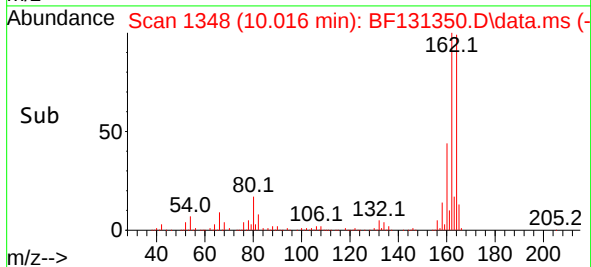
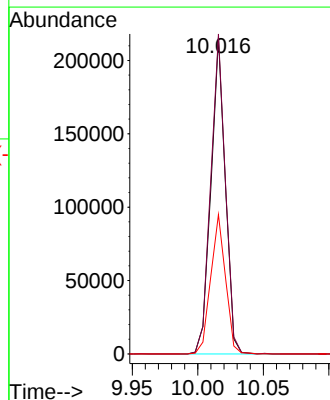
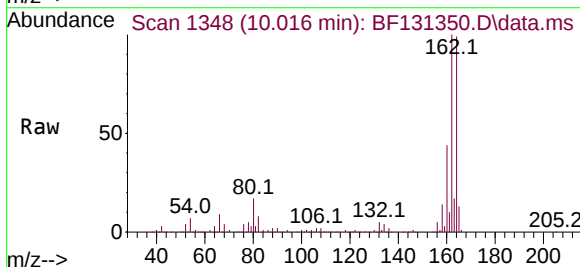
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-3

Tgt Ion: 82 Resp: 415629
Ion Ratio Lower Upper
82 100
128 40.4 31.4 47.0
54 61.5 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: BF131350.D
Acq: 23 Nov 2022 02:00

Tgt Ion:164 Resp: 164544
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 98.385 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BF131350.D

Acq: 23 Nov 2022 02:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-3

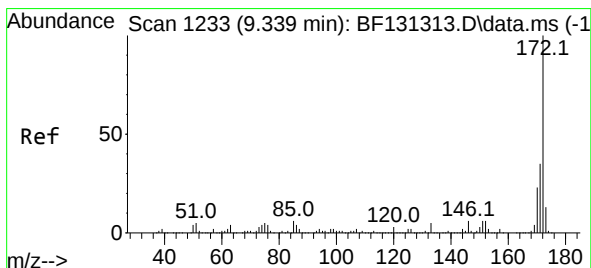
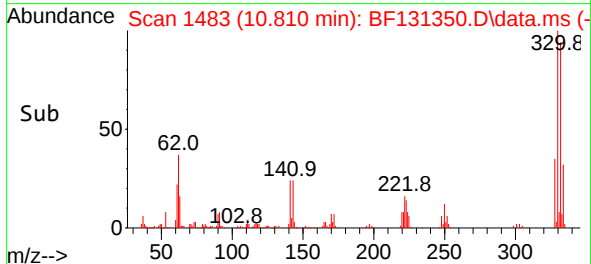
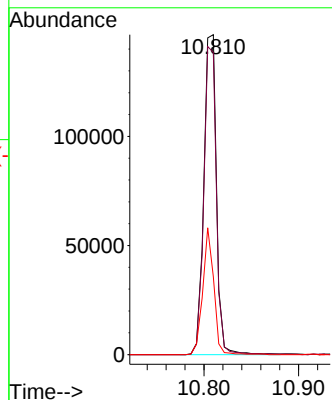
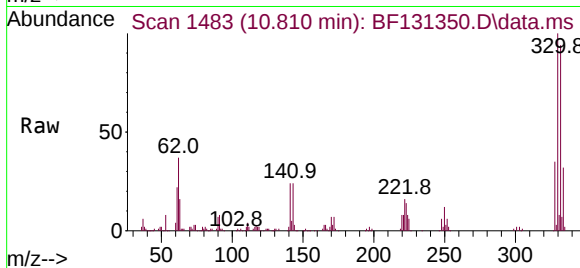
Tgt Ion:330 Resp: 136197

Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 34.4 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 65.329 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131350.D

Acq: 23 Nov 2022 02:00

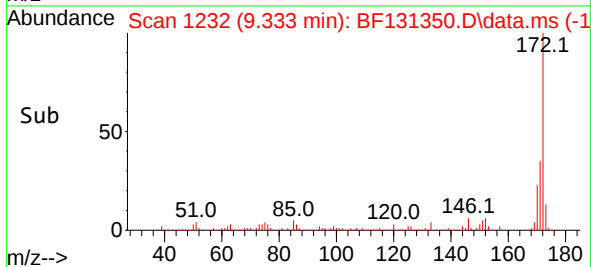
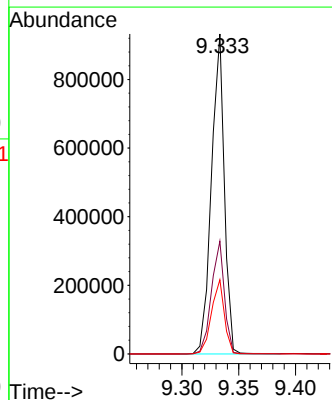
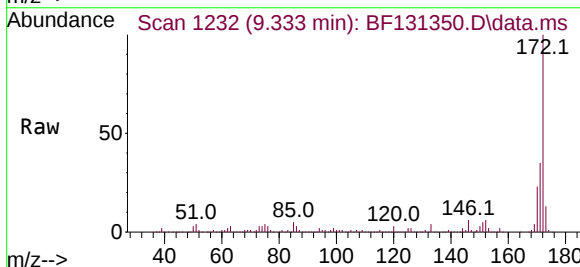
Tgt Ion:172 Resp: 738893

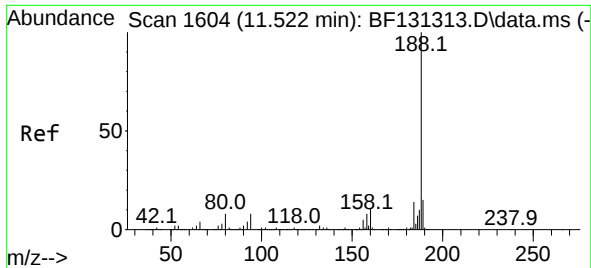
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.2 18.7 28.1

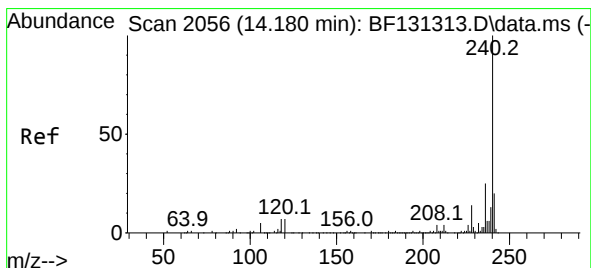
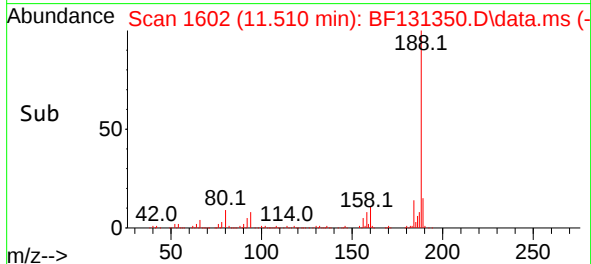
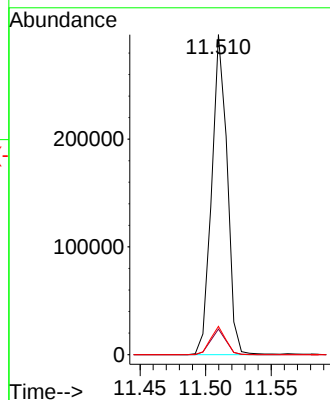
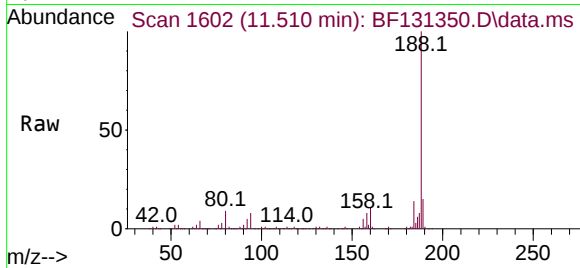




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131350.D
Acq: 23 Nov 2022 02:00

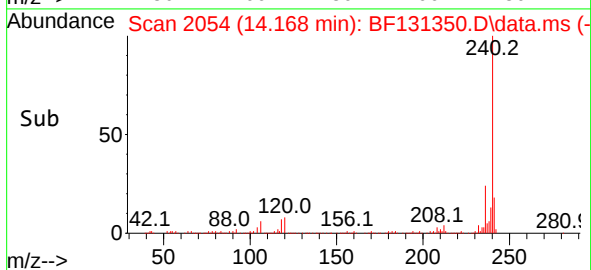
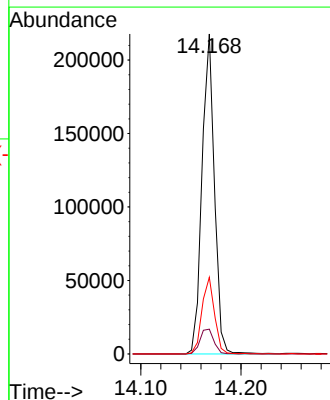
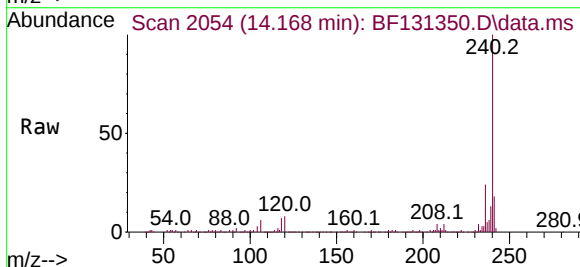
Instrument :
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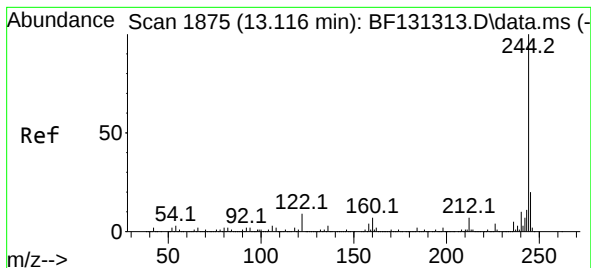
Tgt Ion:188 Resp: 244733
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131350.D
Acq: 23 Nov 2022 02:00

Tgt Ion:240 Resp: 186918
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 23.9 20.3 30.5





#79

Terphenyl-d14

Concen: 50.212 ng

RT: 13.104 min Scan# 1875

Delta R.T. -0.012 min

Lab File: BF131350.D

Acq: 23 Nov 2022 02:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-3

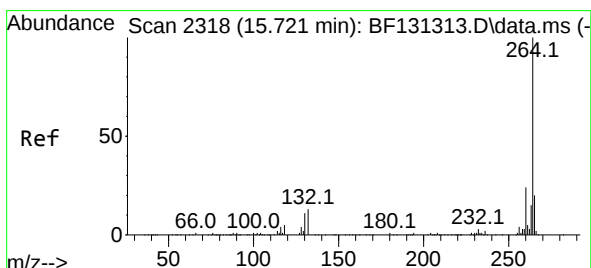
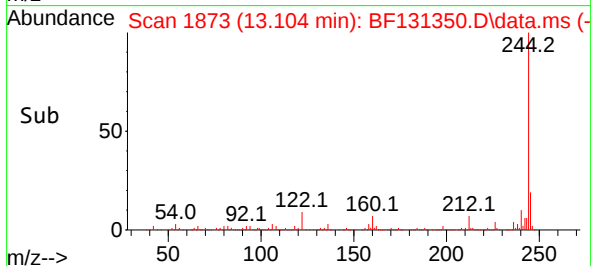
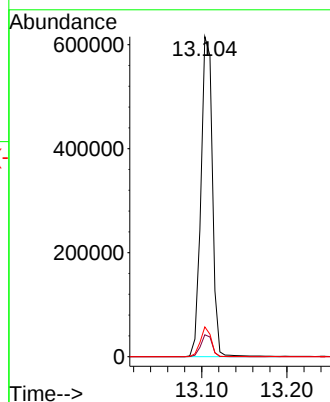
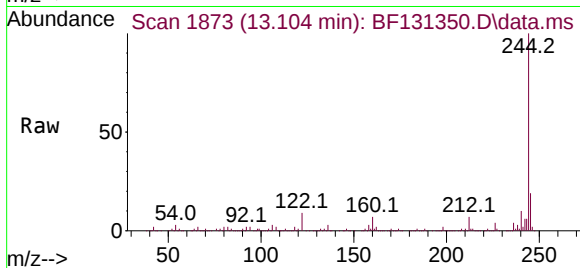
Tgt Ion:244 Resp: 573949

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 9.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.709 min Scan# 2316

Delta R.T. -0.012 min

Lab File: BF131350.D

Acq: 23 Nov 2022 02:00

Tgt Ion:264 Resp: 197095

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 20.5 16.4 24.6

