

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131353.D
 Acq On : 23 Nov 2022 03:35
 Operator : CG\JU
 Sample : N5641-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

Quant Time: Nov 23 04:23:33 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	90823	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	316342	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	158337	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	227646	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	196922	20.000	ng	-0.01
86) Perylene-d12	15.710	264	199916	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	413730	86.698	ng	0.00
7) Phenol-d6	6.575	99	503534	82.701	ng	-0.01
23) Nitrobenzene-d5	7.528	82	328898	52.409	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	101147	75.930	ng	-0.01
45) 2-Fluorobiphenyl	9.334	172	577452	53.057	ng	0.00
79) Terphenyl-d14	13.104	244	444509	36.913	ng	-0.01

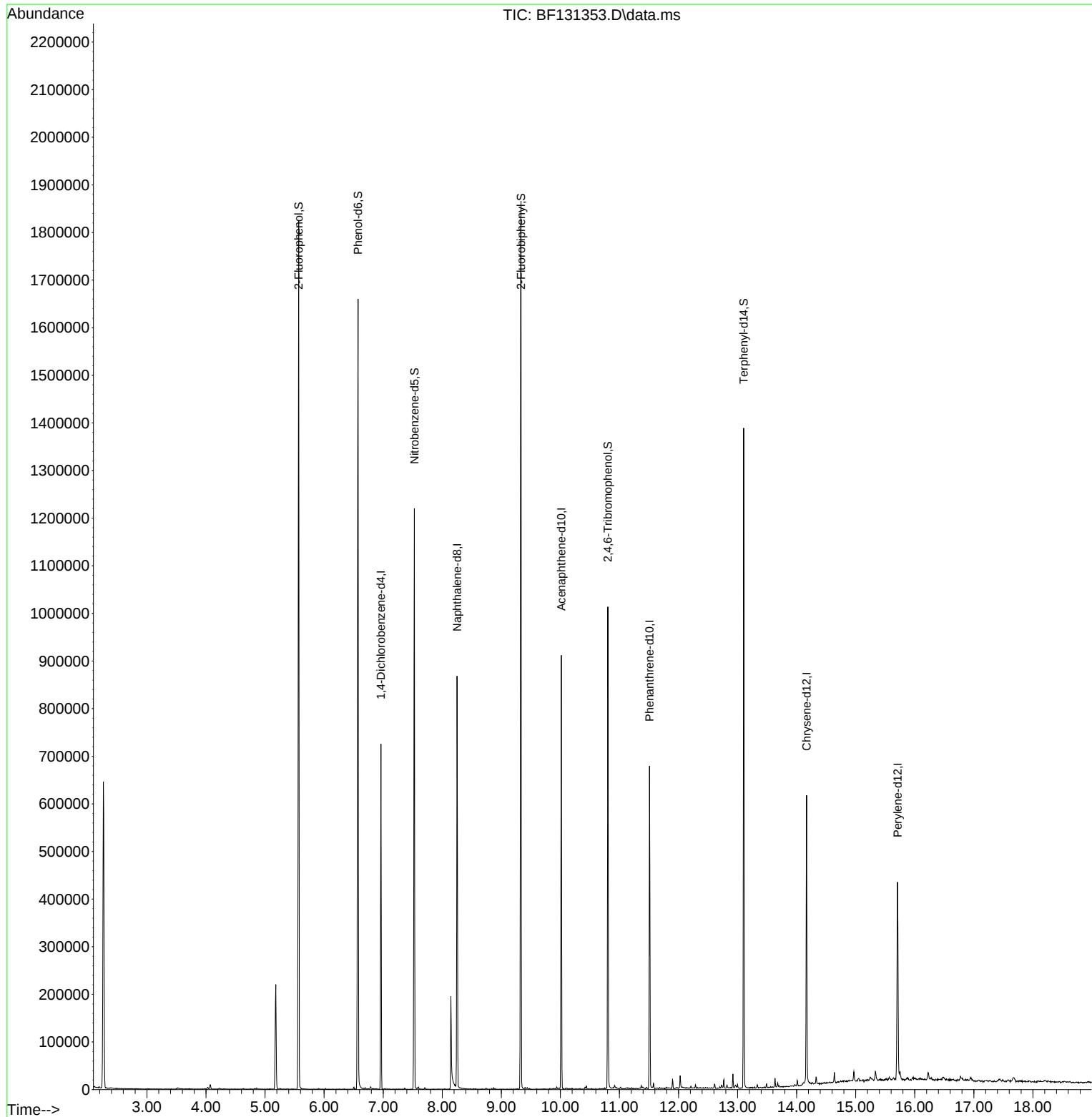
Target Compounds	Qvalue

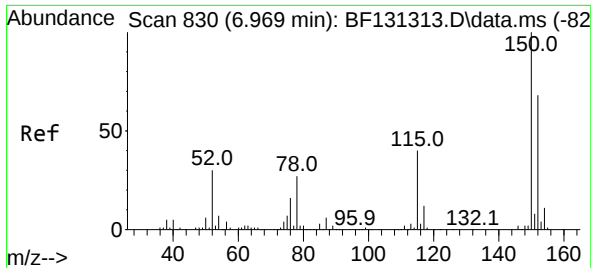
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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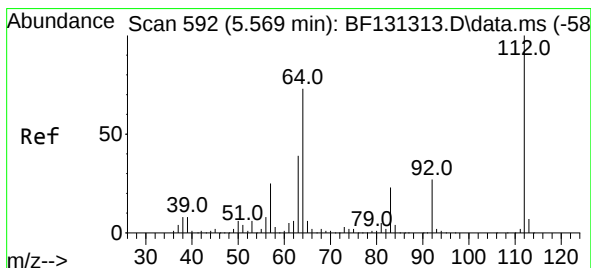
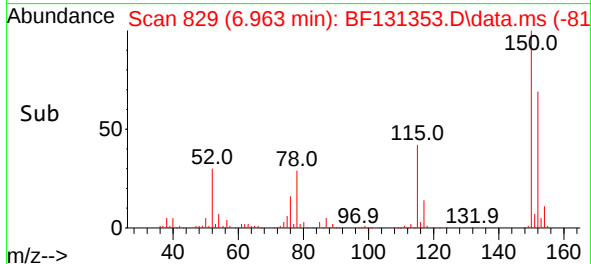
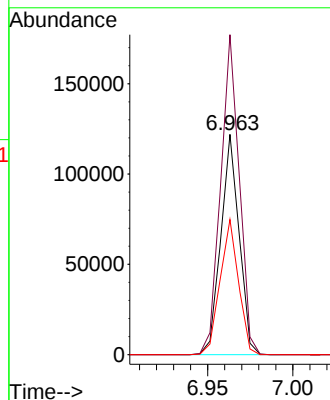
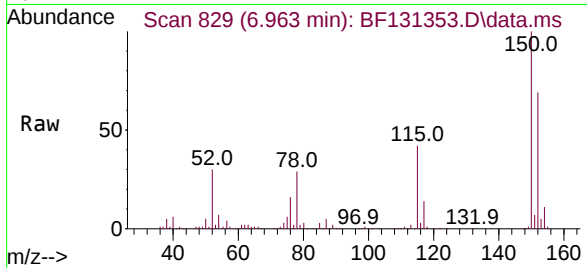




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

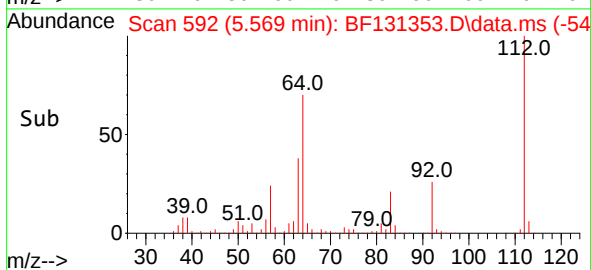
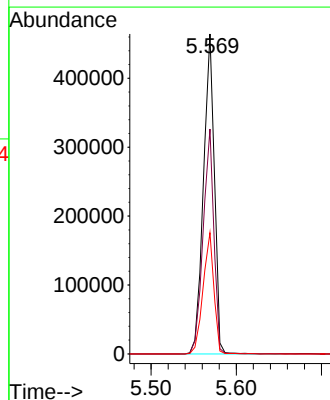
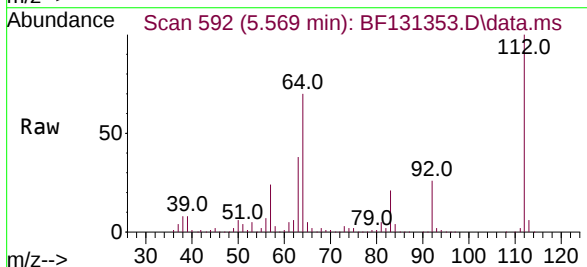
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

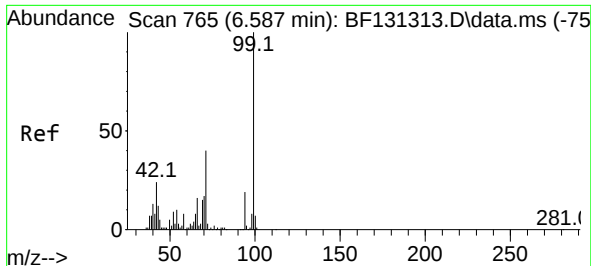
Tgt Ion:152 Resp: 90823
 Ion Ratio Lower Upper
 152 100
 150 145.3 117.8 176.8
 115 61.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 86.698 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

Tgt Ion:112 Resp: 413730
 Ion Ratio Lower Upper
 112 100
 64 70.3 58.6 88.0
 63 37.9 31.4 47.0

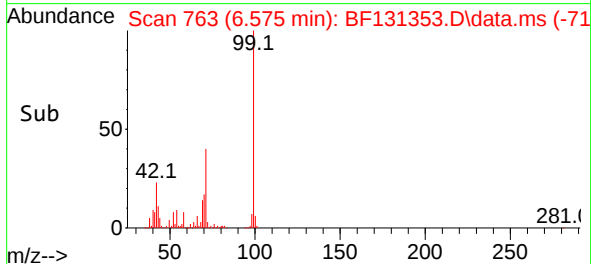
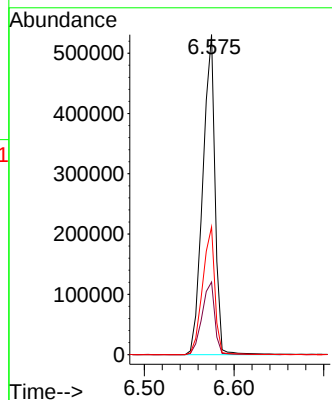
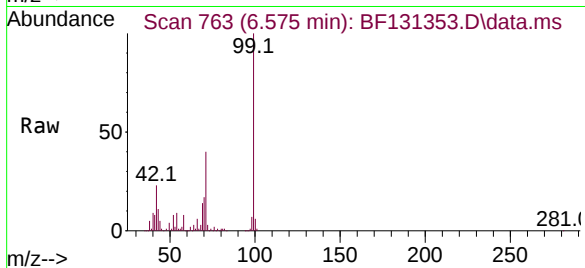




#7
Phenol-d6
Concen: 82.701 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

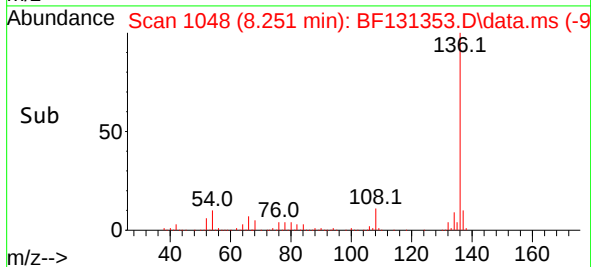
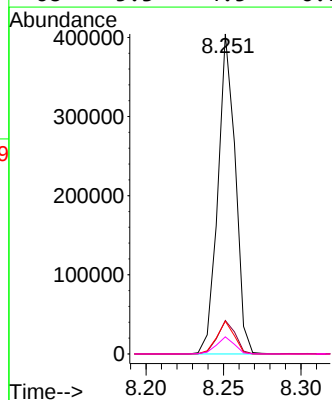
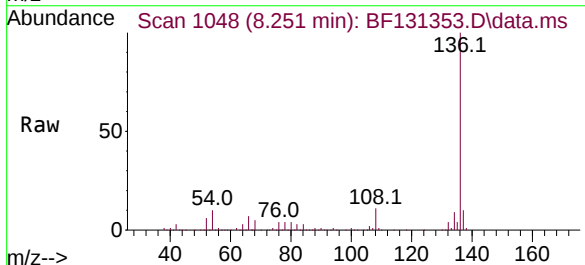
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

Tgt Ion: 99 Resp: 503534
Ion Ratio Lower Upper
99 100
42 22.7 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: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion: 136 Resp: 316342
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 10.2 9.4 14.0
68 5.3 4.5 6.7

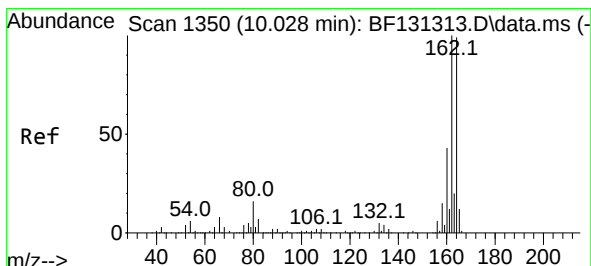
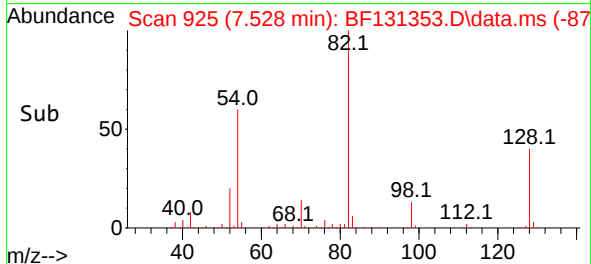
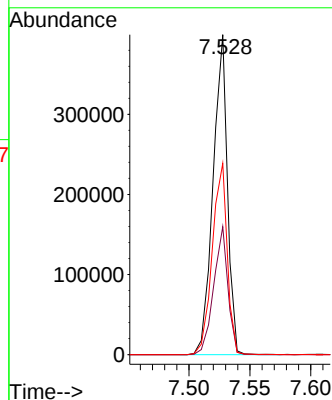
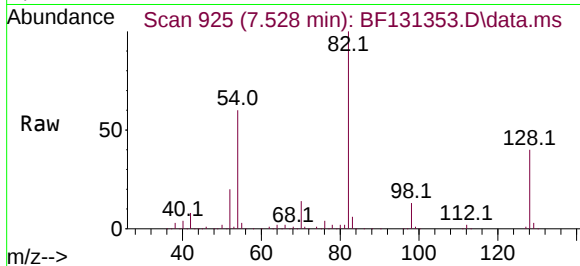




#23
Nitrobenzene-d5
Concen: 52.409 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

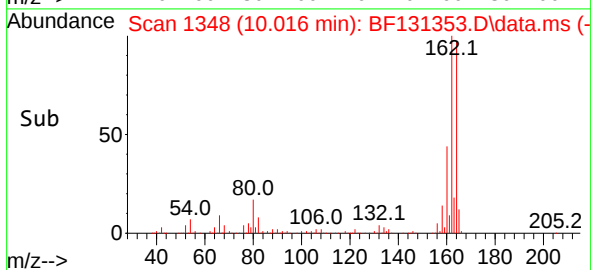
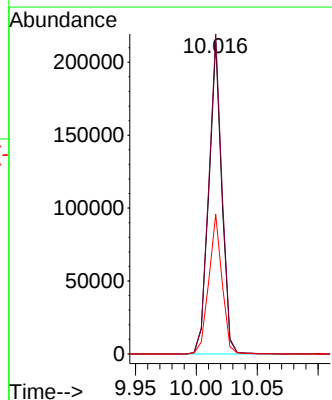
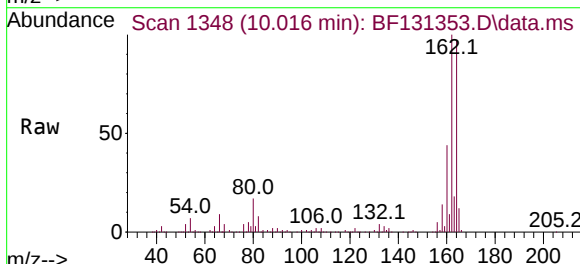
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

Tgt Ion: 82 Resp: 328898
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 59.8 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: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion: 164 Resp: 158337
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 75.930 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.012 min

Lab File: BF131353.D

Acq: 23 Nov 2022 03:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

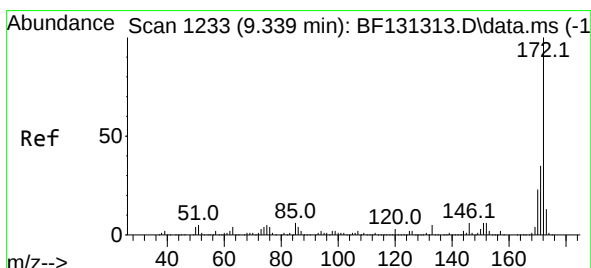
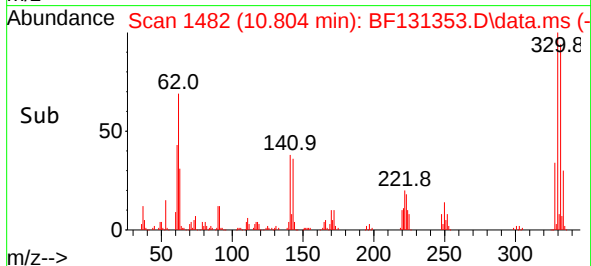
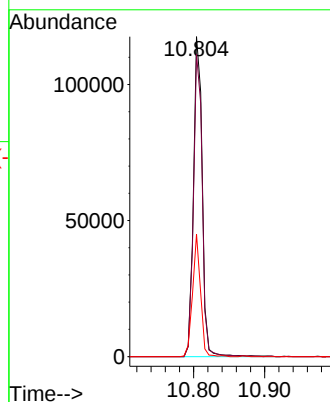
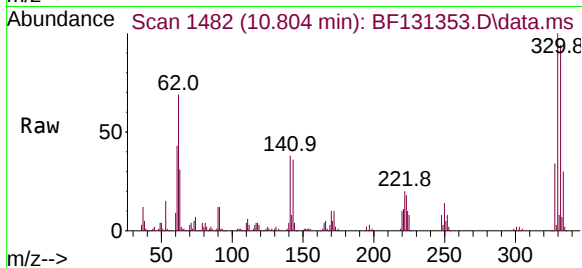
Tgt Ion:330 Resp: 101147

Ion Ratio Lower Upper

330 100

332 94.9 77.5 116.3

141 34.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 53.057 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131353.D

Acq: 23 Nov 2022 03:35

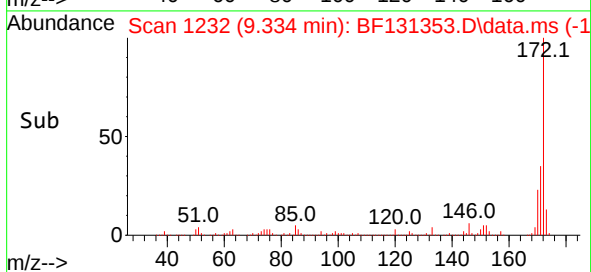
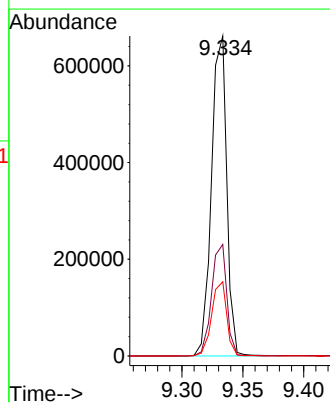
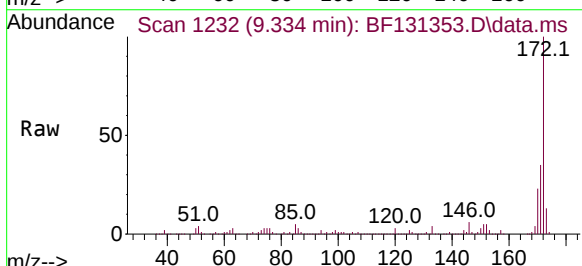
Tgt Ion:172 Resp: 577452

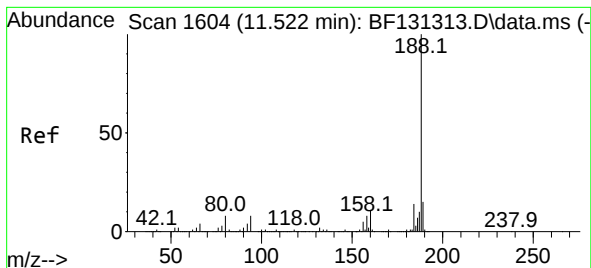
Ion Ratio Lower Upper

172 100

171 34.8 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: BF131353.D

Acq: 23 Nov 2022 03:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

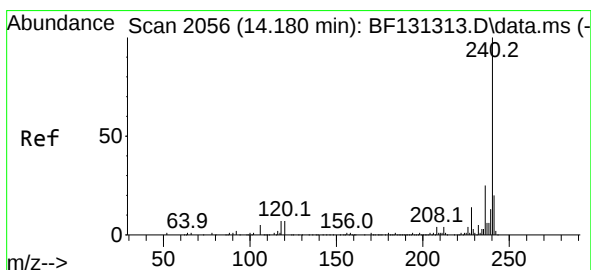
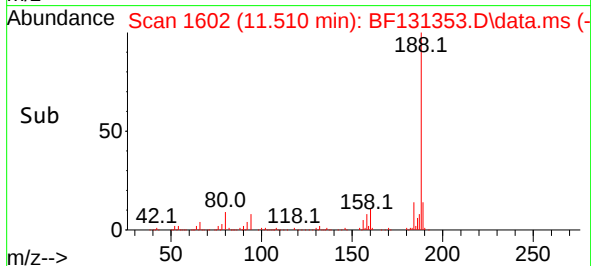
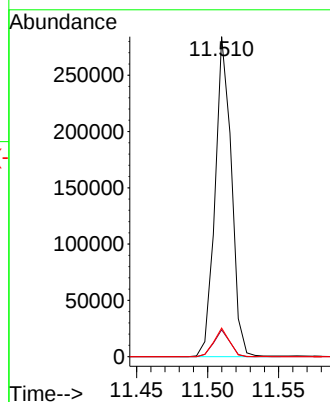
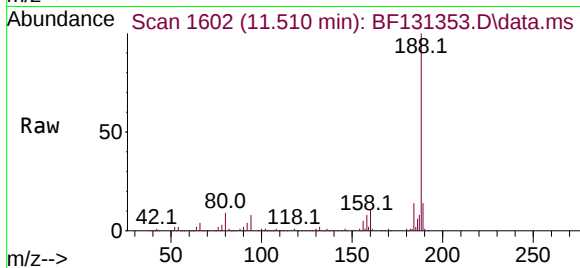
Tgt Ion:188 Resp: 227646

Ion Ratio Lower Upper

188 100

94 8.4 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: BF131353.D

Acq: 23 Nov 2022 03:35

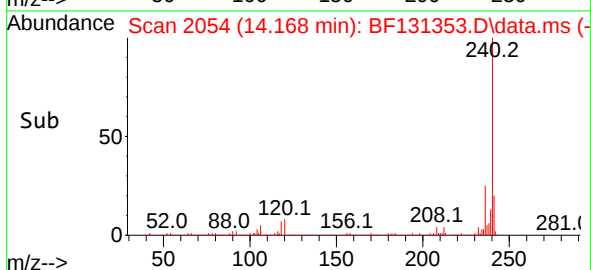
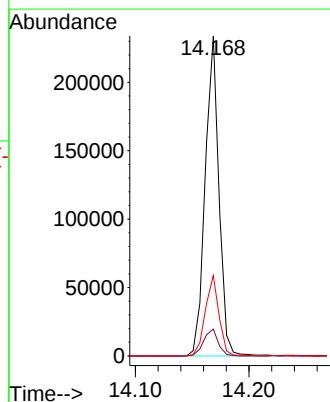
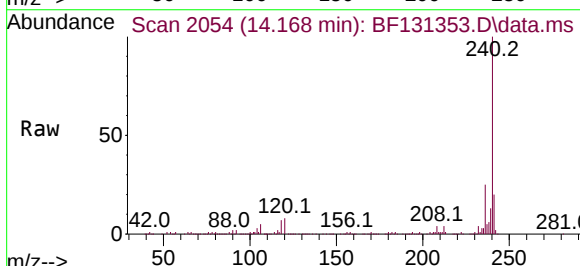
Tgt Ion:240 Resp: 196922

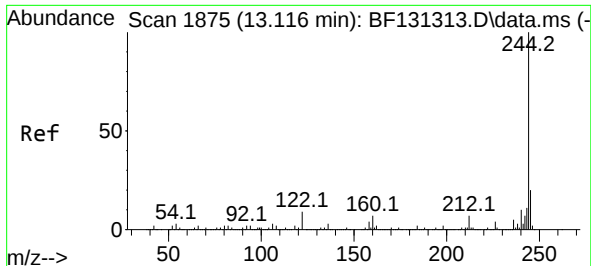
Ion Ratio Lower Upper

240 100

120 8.4 5.8 8.8

236 25.1 20.3 30.5

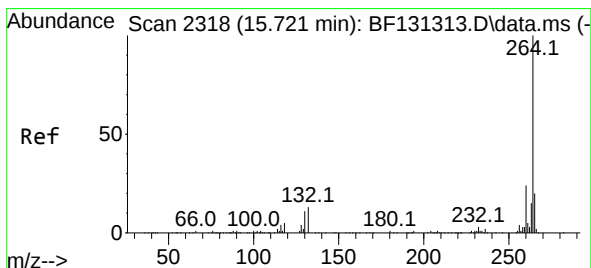
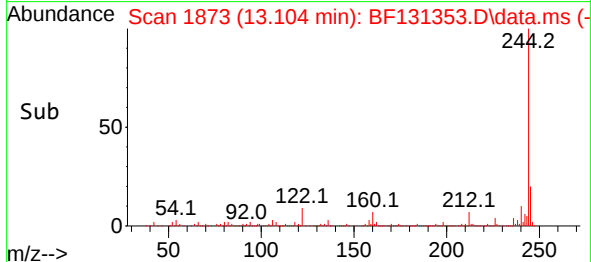
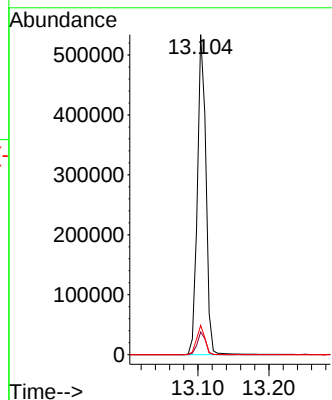
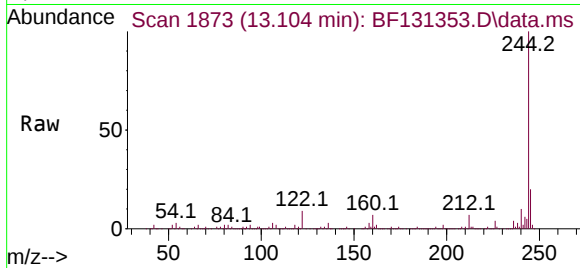




#79
 Terphenyl-d14
 Concen: 36.913 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

Instrument :
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Tgt Ion:244 Resp: 444509
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.1 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: BF131353.D
 Acq: 23 Nov 2022 03:35

Tgt Ion:264 Resp: 199916
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 22.9 16.4 24.6

