

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136187.D
 Acq On : 24 Nov 2023 19:13
 Operator : CG\JU
 Sample : 05451-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01

Quant Time: Nov 24 23:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140879	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	599032	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	294887	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	553469	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	265491	20.000	ng	0.00
86) Perylene-d12	15.462	264	282170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1068776	120.795	ng	0.01
7) Phenol-d6	6.440	99	1342819	123.336	ng	0.00
23) Nitrobenzene-d5	7.369	82	800589	74.579	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	390640	126.483	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1642555	82.337	ng	0.00
79) Terphenyl-d14	12.927	244	1632011	87.257	ng	0.00

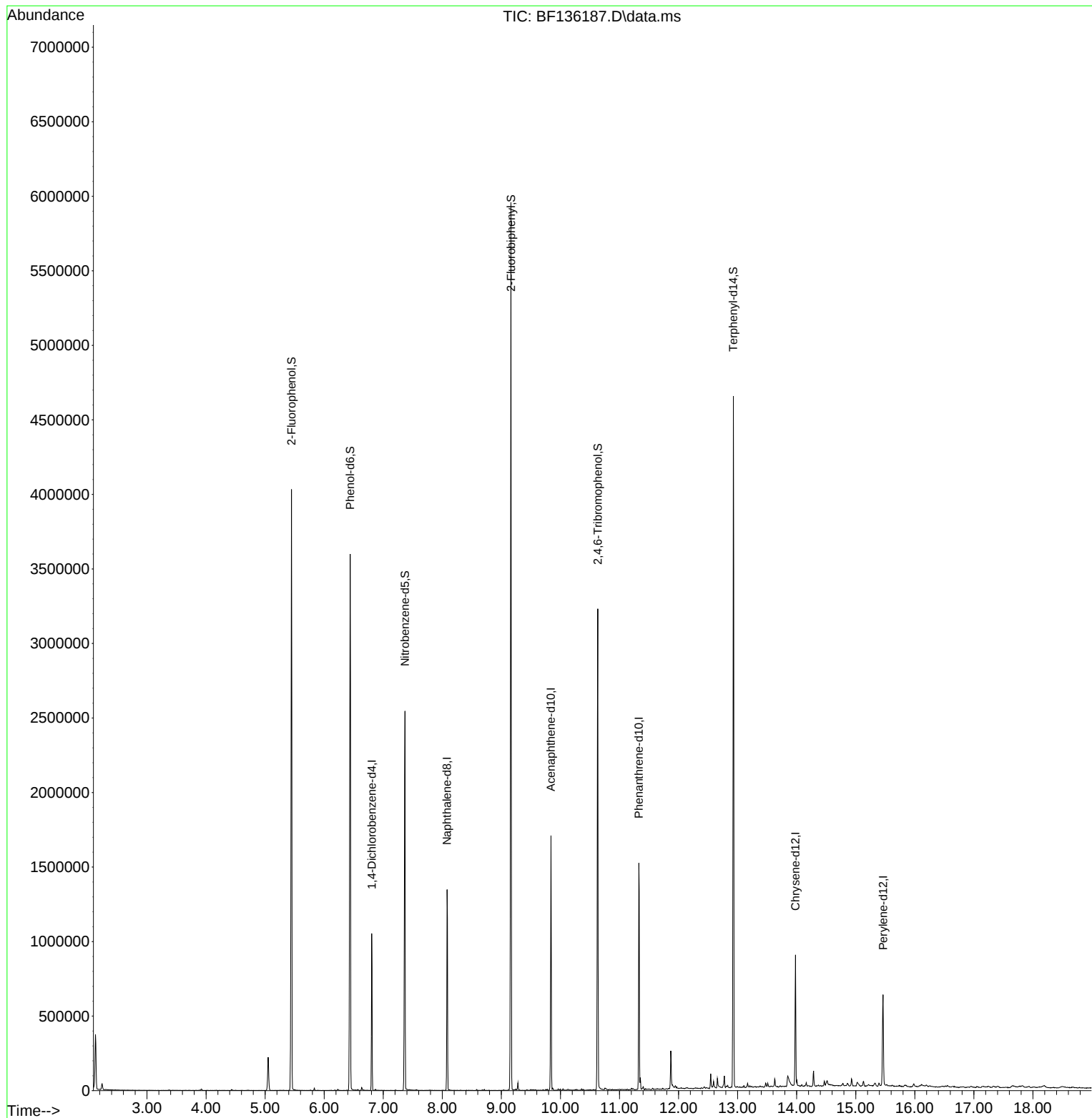
Target Compounds	Qvalue

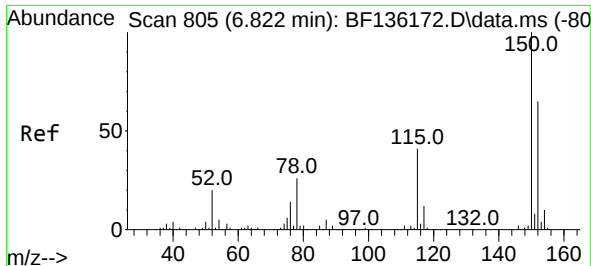
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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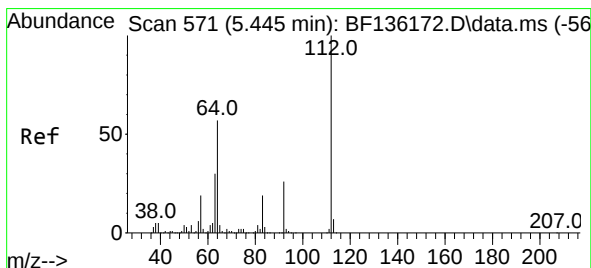
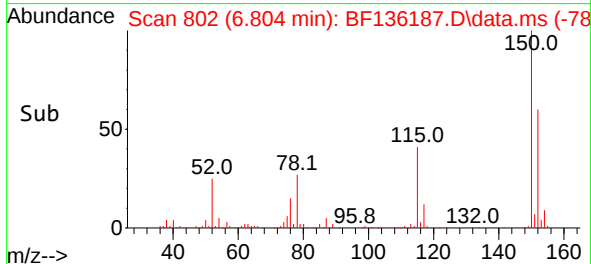
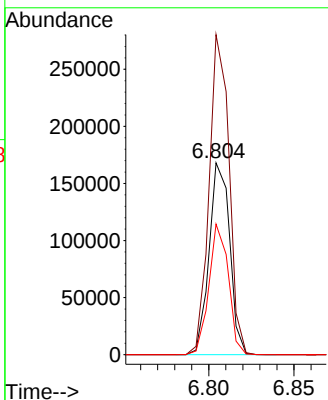
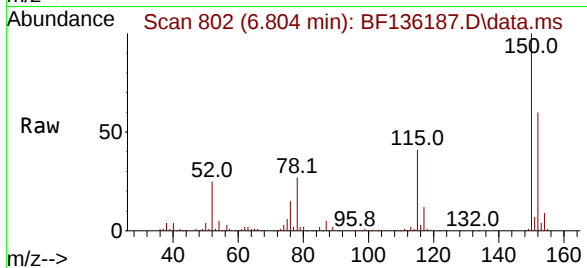




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136187.D
 Acq: 24 Nov 2023 19:13

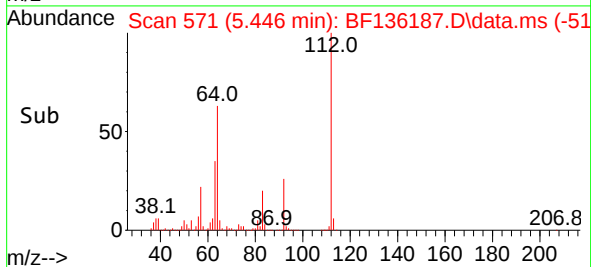
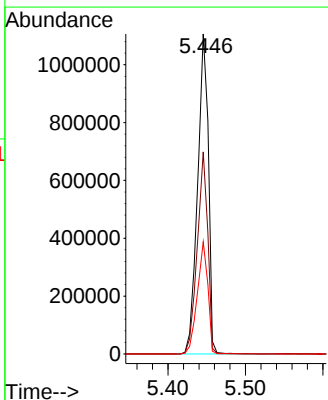
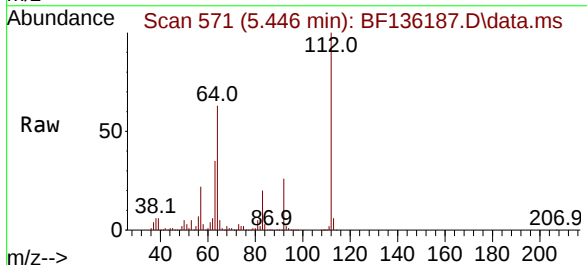
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01

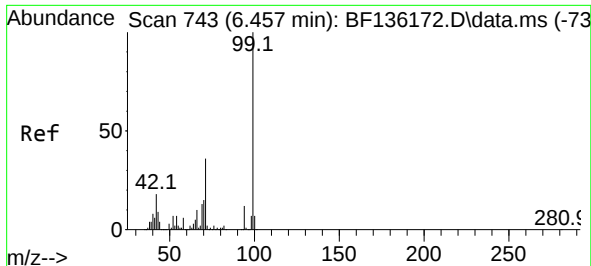
Tgt Ion:152 Resp: 140879
 Ion Ratio Lower Upper
 152 100
 150 166.8 123.1 184.7
 115 68.1 50.5 75.7



#5
 2-Fluorophenol
 Concen: 120.795 ng
 RT: 5.446 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: BF136187.D
 Acq: 24 Nov 2023 19:13

Tgt Ion:112 Resp: 1068776
 Ion Ratio Lower Upper
 112 100
 64 63.2 45.4 68.0
 63 35.0 24.4 36.6

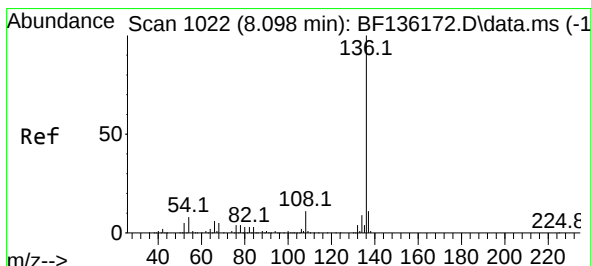
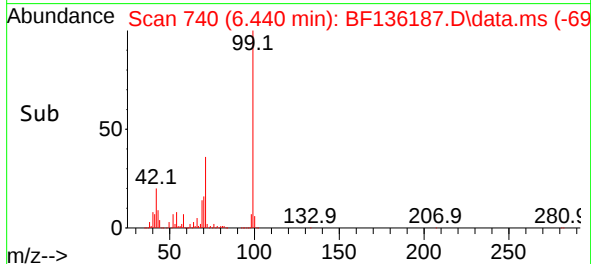
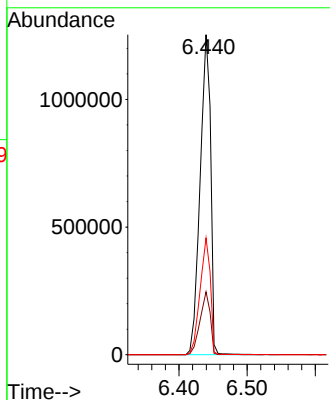
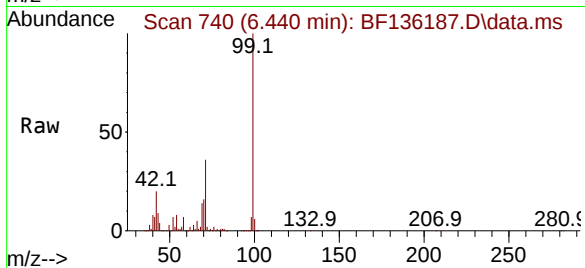




#7
Phenol-d6
Concen: 123.336 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

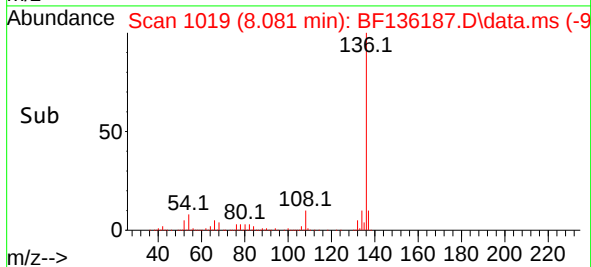
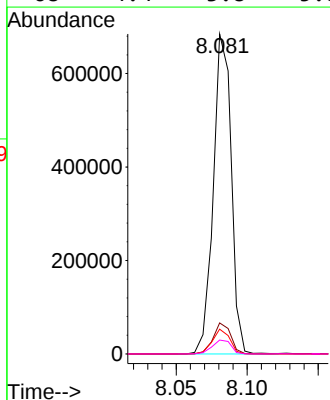
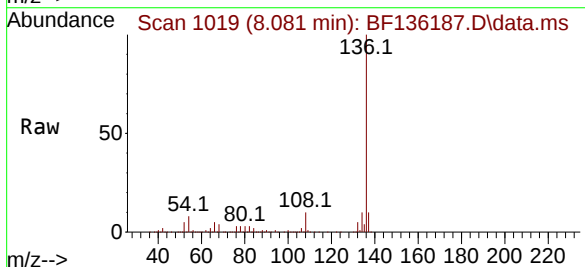
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-01

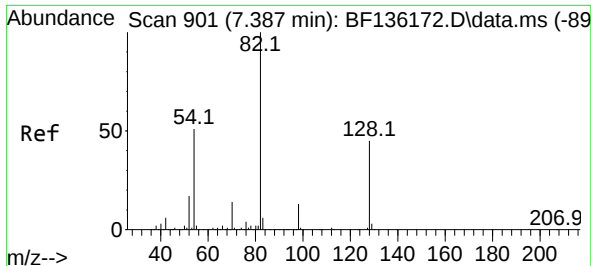
Tgt Ion: 99 Resp: 1342819
Ion Ratio Lower Upper
99 100
42 19.6 14.1 21.1
71 36.4 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Tgt Ion: 136 Resp: 599032
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.8 6.3 9.5
68 4.4 3.8 5.8





#23

Nitrobenzene-d5

Concen: 74.579 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-01

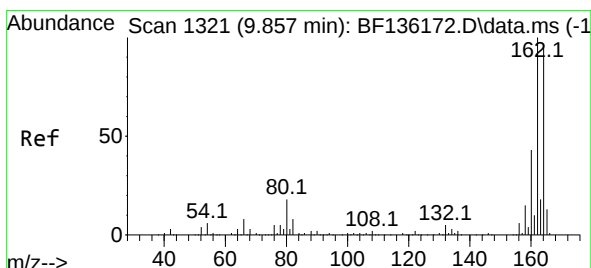
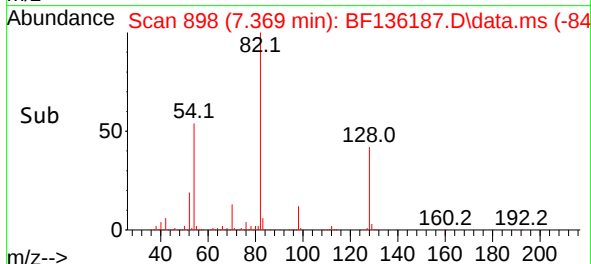
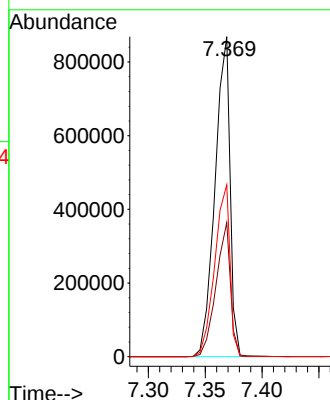
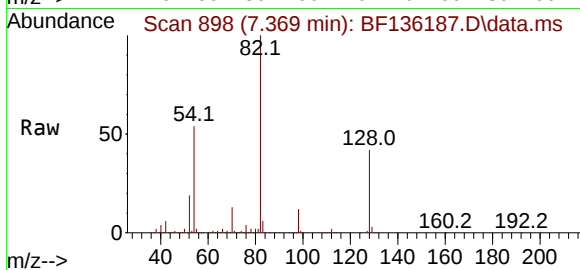
Tgt Ion: 82 Resp: 800589

Ion Ratio Lower Upper

82 100

128 41.9 35.8 53.6

54 53.7 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

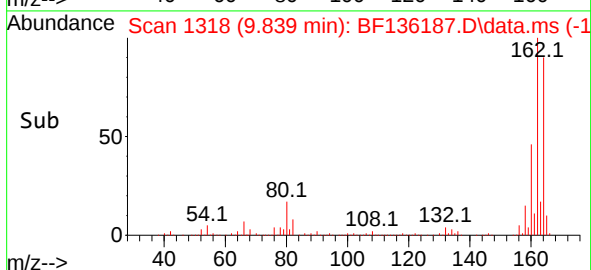
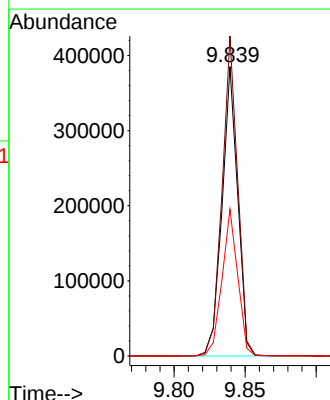
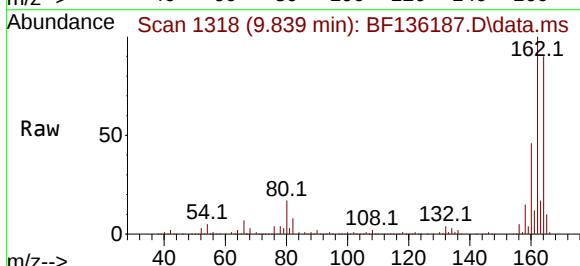
Tgt Ion: 164 Resp: 294887

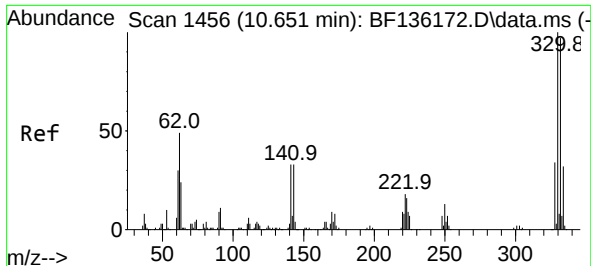
Ion Ratio Lower Upper

164 100

162 110.6 83.2 124.8

160 50.7 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 126.483 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-01

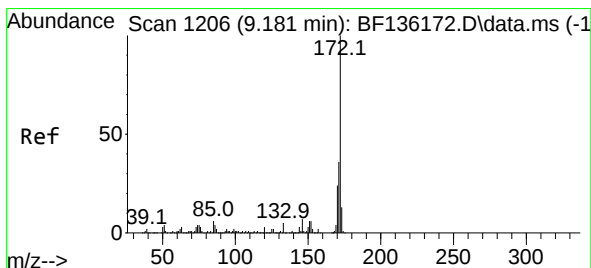
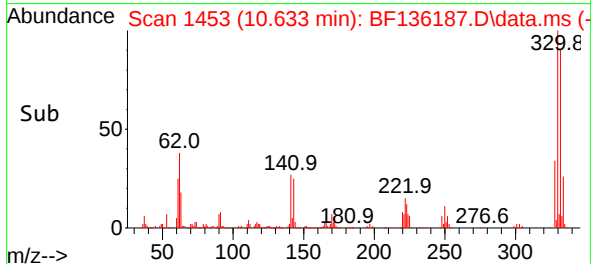
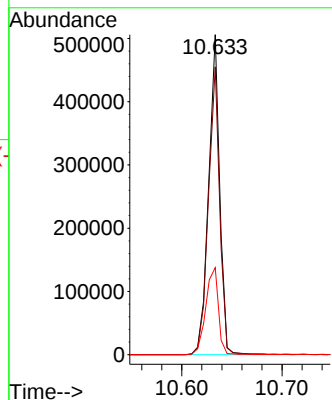
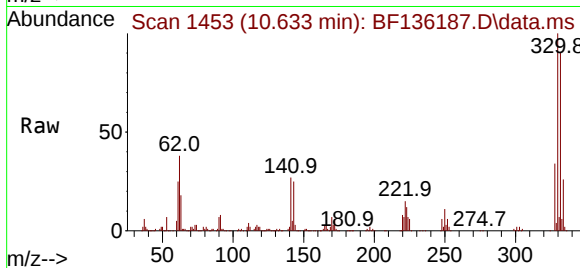
Tgt Ion:330 Resp: 390640

Ion Ratio Lower Upper

330 100

332 91.6 77.6 116.4

141 31.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 82.337 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

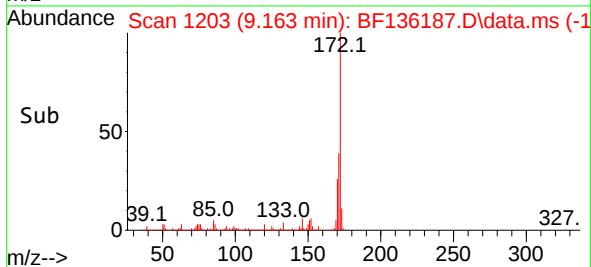
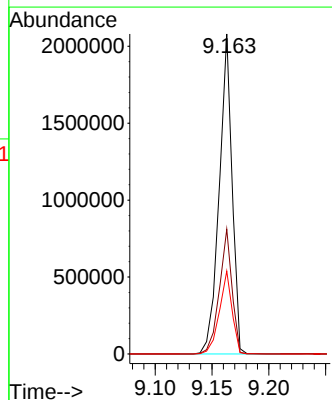
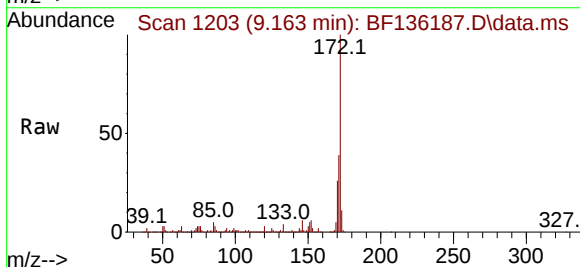
Tgt Ion:172 Resp: 1642555

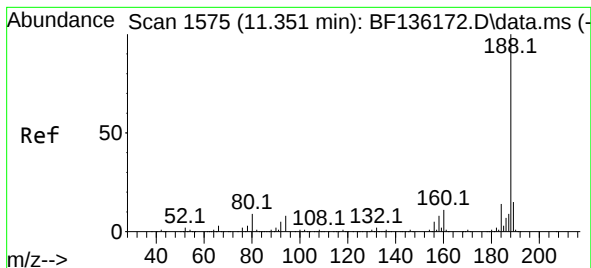
Ion Ratio Lower Upper

172 100

171 39.0 28.9 43.3

170 25.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-01

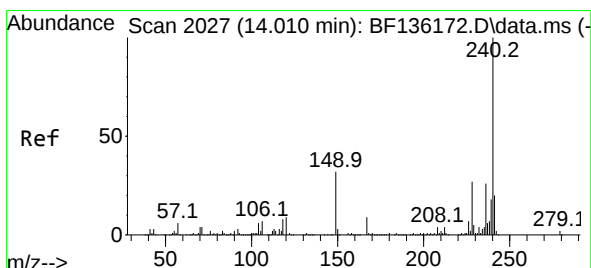
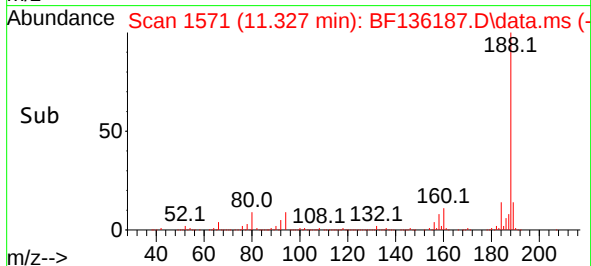
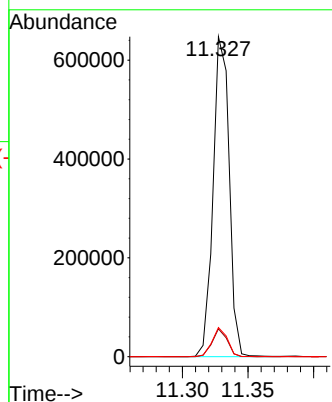
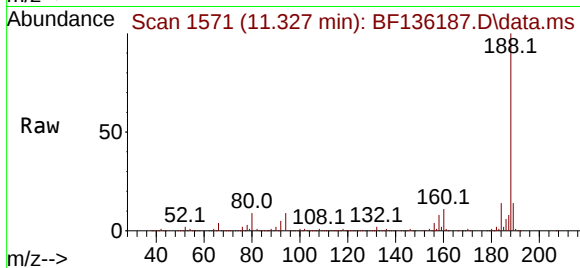
Tgt Ion:188 Resp: 553469

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

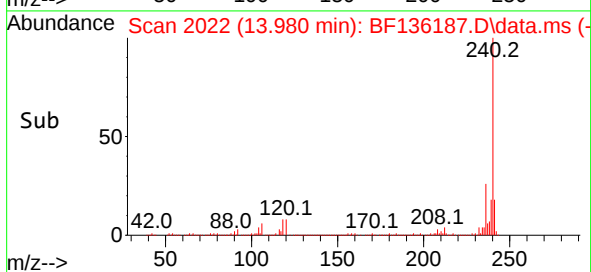
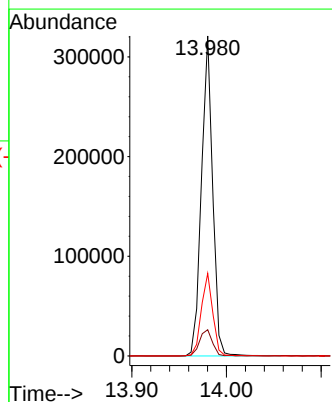
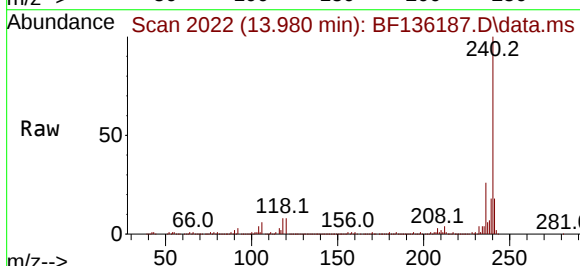
Tgt Ion:240 Resp: 265491

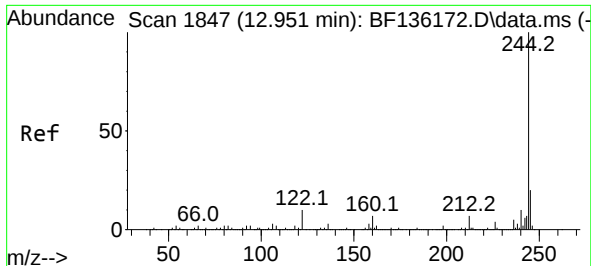
Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

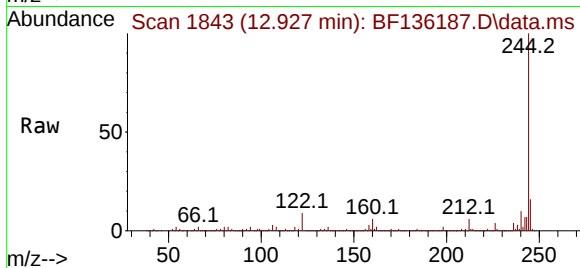
236 25.8 20.9 31.3



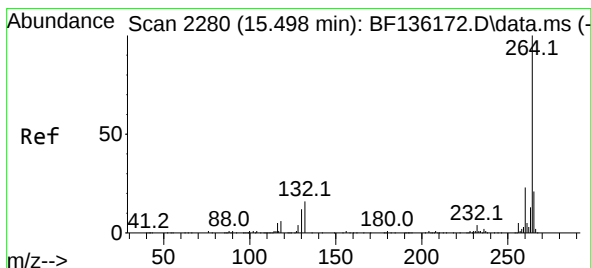
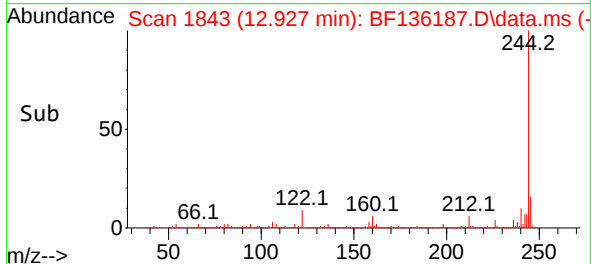
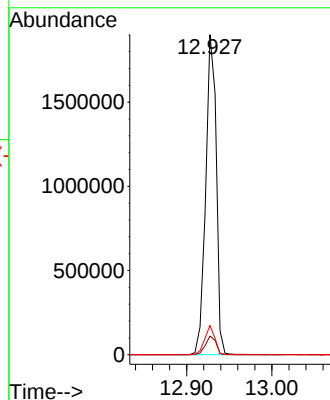


#79
 Terphenyl-d14
 Concen: 87.257 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136187.D
 Acq: 24 Nov 2023 19:13

Instrument :
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 WC-SOIL-01



Tgt Ion:244 Resp: 1632011
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.4 8.0
 122 9.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136187.D
 Acq: 24 Nov 2023 19:13

Tgt Ion:264 Resp: 282170
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 20.0 16.9 25.3

