

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133880.D
 Acq On : 21 Jun 2023 20:05
 Operator : CG\JU
 Sample : 03262-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-SOIL3-0615

Quant Time: Jun 22 05:59:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	96977	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	336139	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	133430	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	229733	20.000	ng	0.00
76) Chrysene-d12	14.045	240	195226	20.000	ng	0.00
86) Perylene-d12	15.557	264	135347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	629744	113.050	ng	0.02
7) Phenol-d6	6.498	99	728414	100.458	ng	0.00
23) Nitrobenzene-d5	7.422	82	535350	86.746	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	185726	109.963	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	876966	93.429	ng	0.00
79) Terphenyl-d14	12.986	244	947796	75.122	ng	0.00

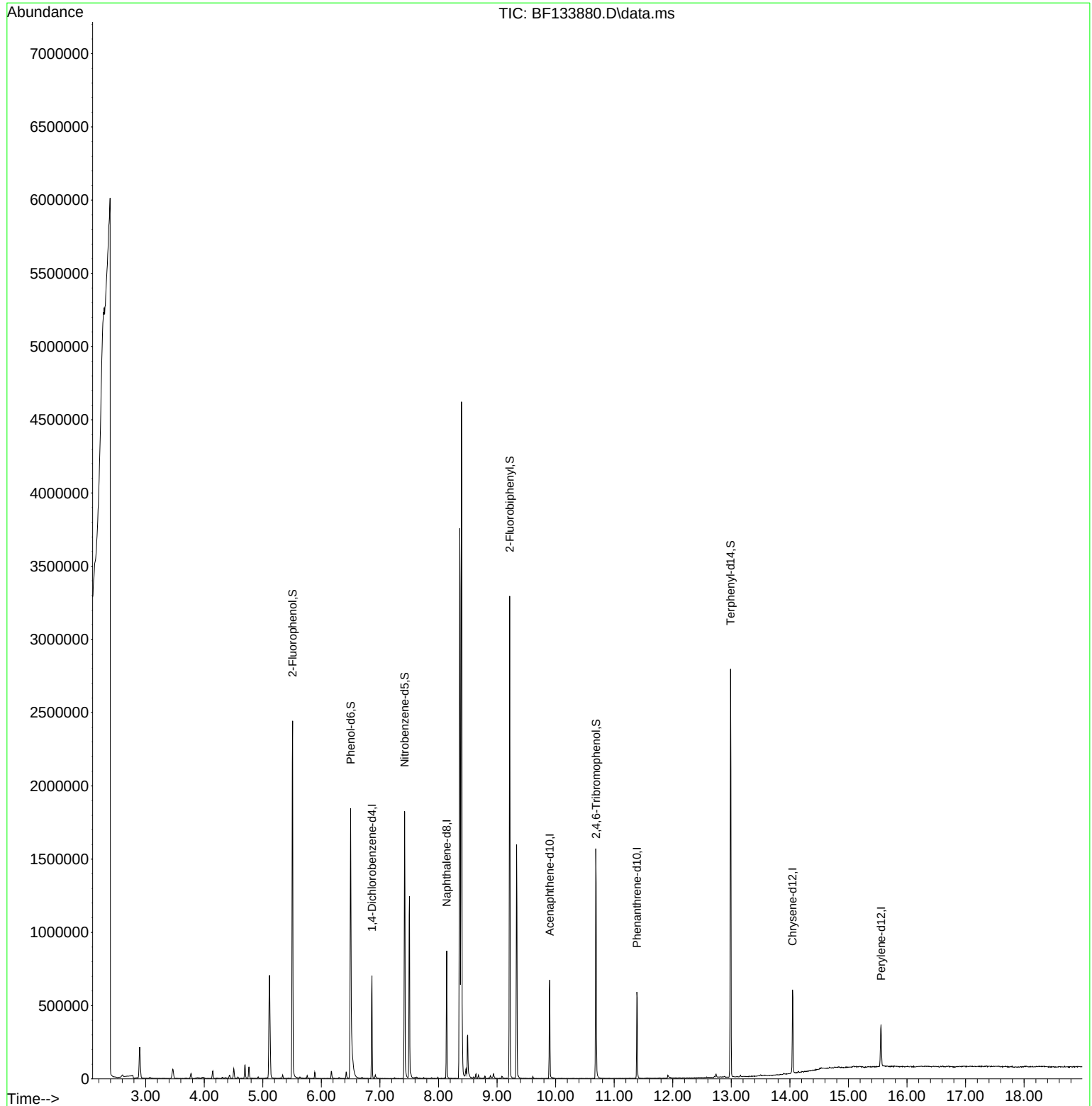
Target Compounds Qvalue

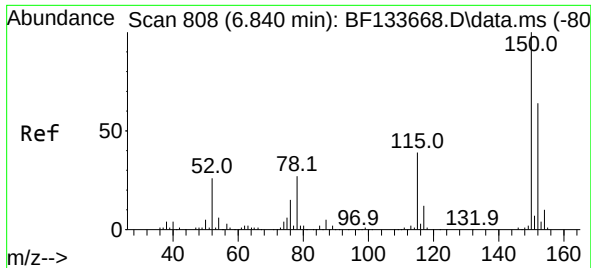
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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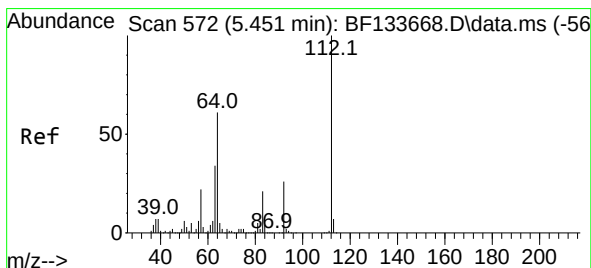
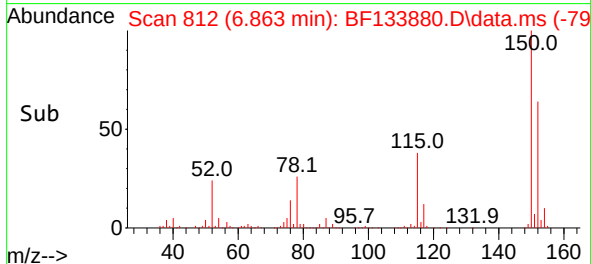
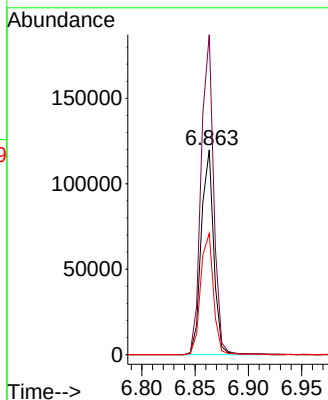
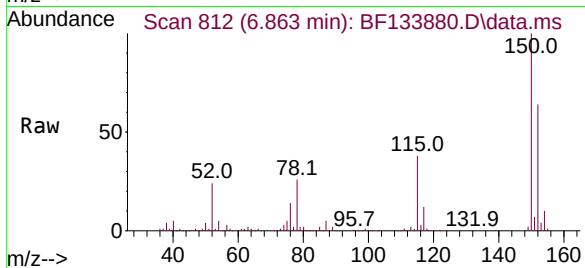




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

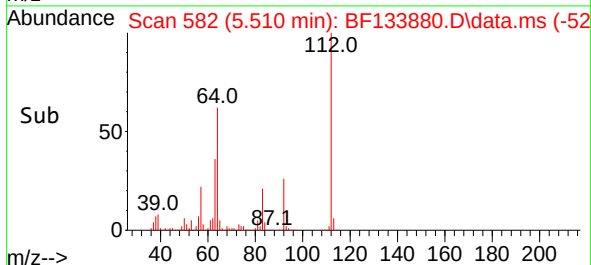
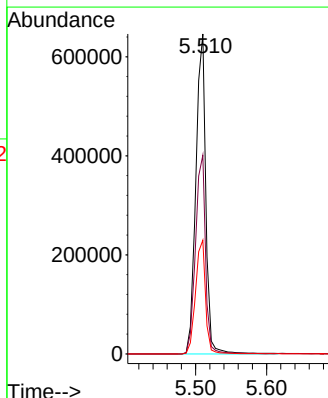
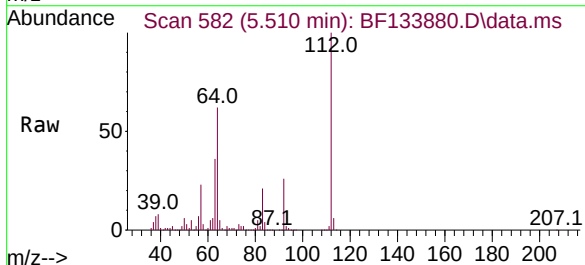
Instrument :
BNA_F
ClientSampleId :
WS-SOIL3-0615

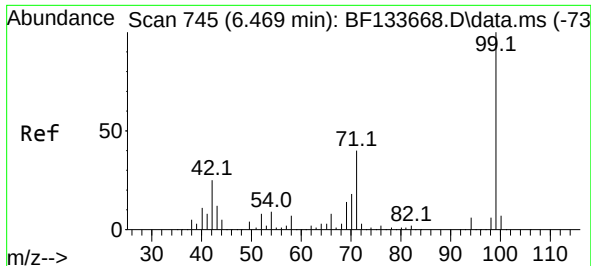
Tgt Ion:152 Resp: 96977
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 113.050 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Tgt Ion:112 Resp: 629744
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.4
63 35.5 26.8 40.2

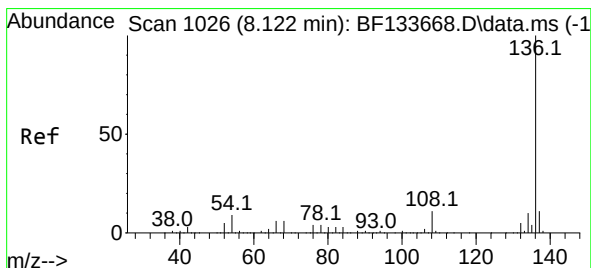
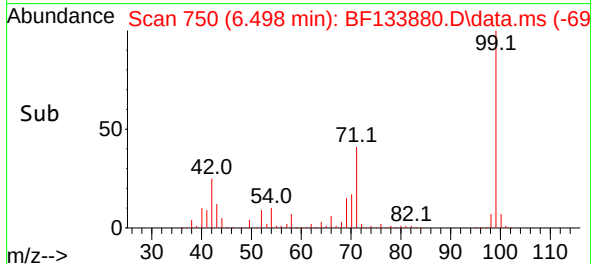
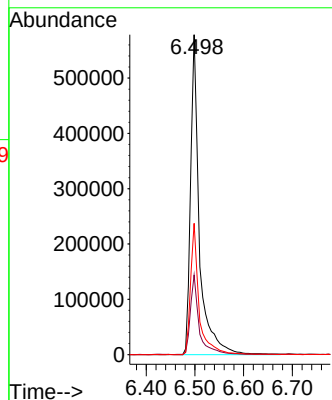
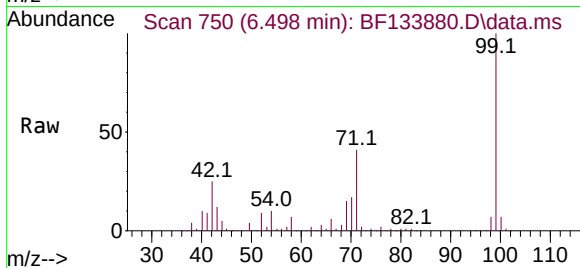




#7
Phenol-d6
Concen: 100.458 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

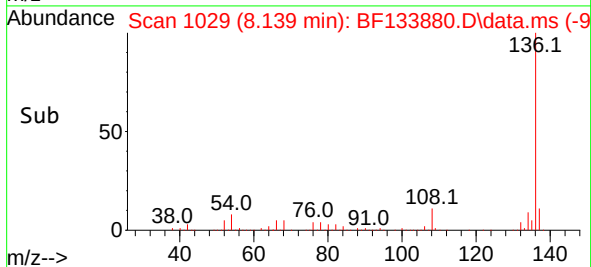
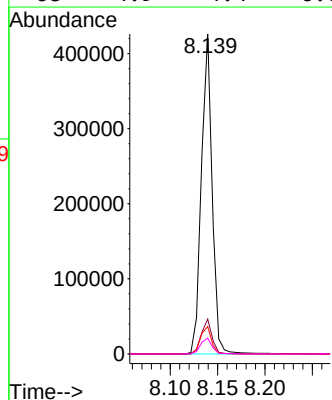
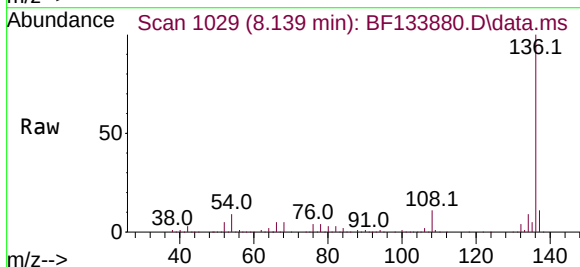
Instrument :
BNA_F
ClientSampleId :
WS-SOIL3-0615

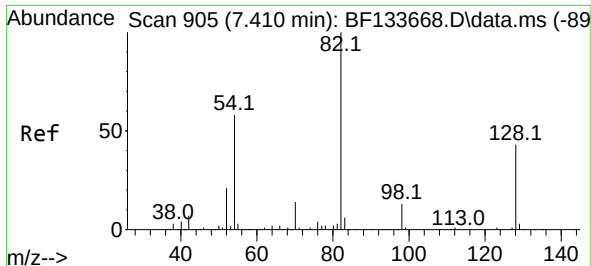
Tgt Ion: 99 Resp: 728414
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 41.0 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Tgt Ion: 136 Resp: 336139
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 7.4 11.0
68 4.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 86.746 ng

RT: 7.422 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133880.D

Acq: 21 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

WS-SOIL3-0615

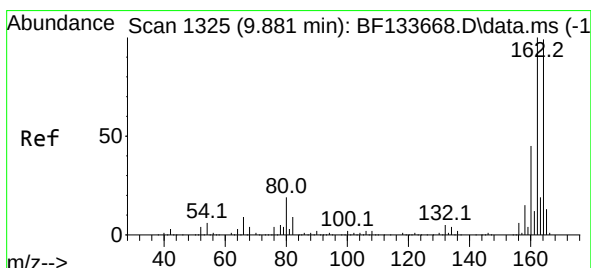
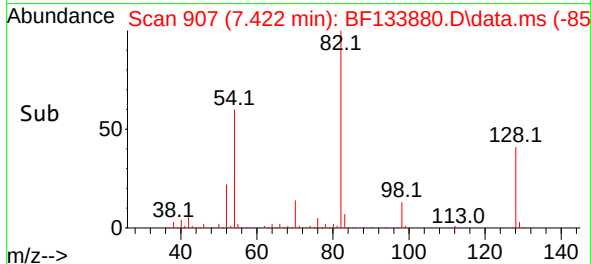
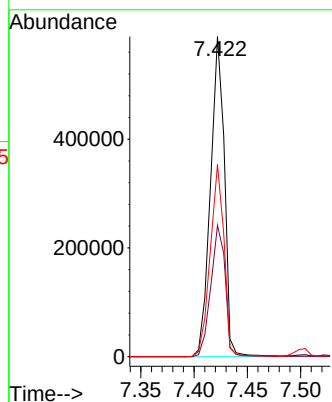
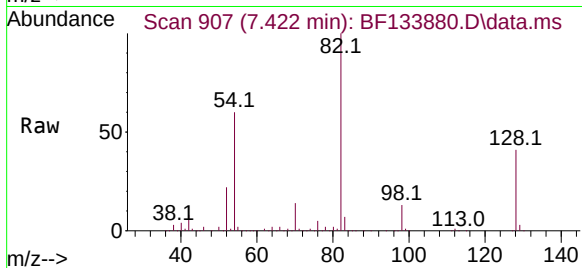
Tgt Ion: 82 Resp: 535350

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.2

54 60.0 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133880.D

Acq: 21 Jun 2023 20:05

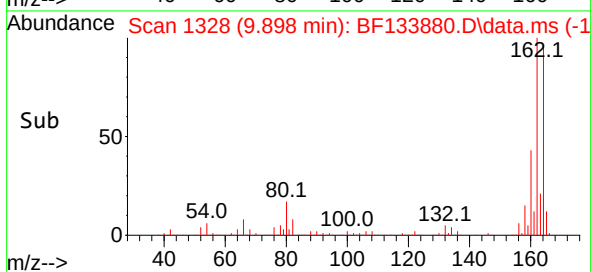
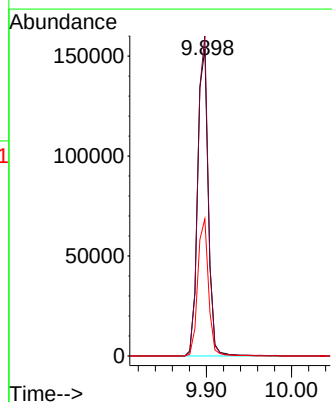
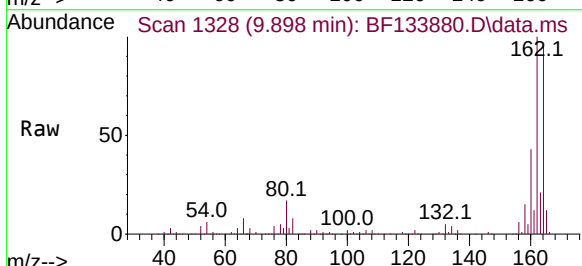
Tgt Ion:164 Resp: 133430

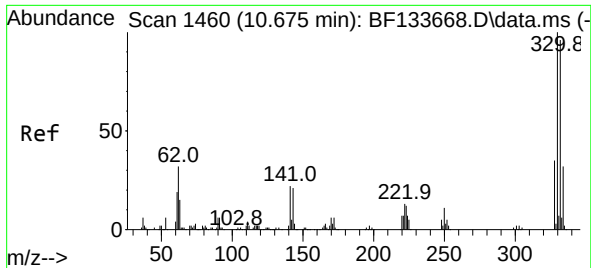
Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

160 44.7 36.7 55.1

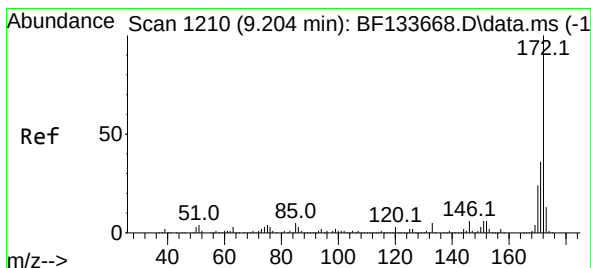
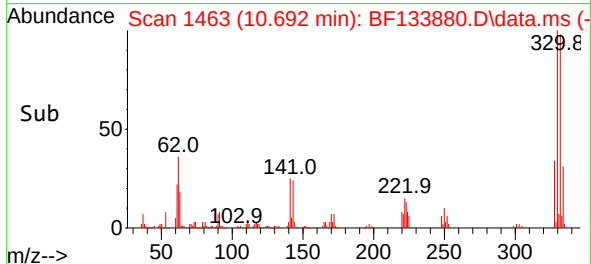
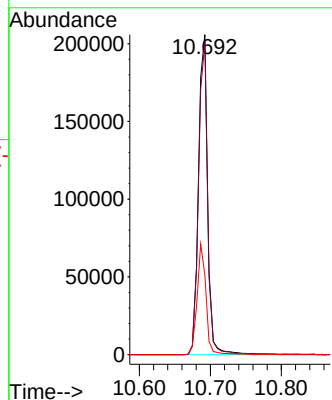
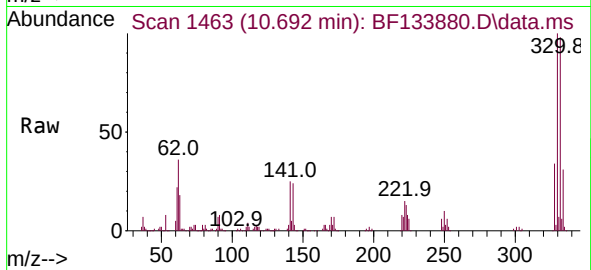




#42
2,4,6-Tribromophenol
Concen: 109.963 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

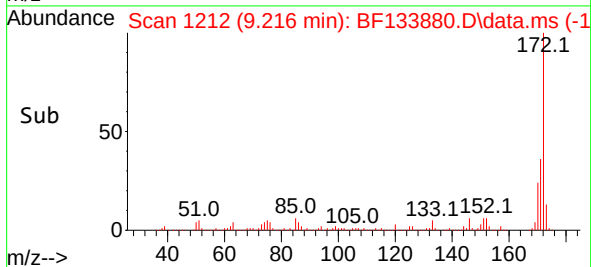
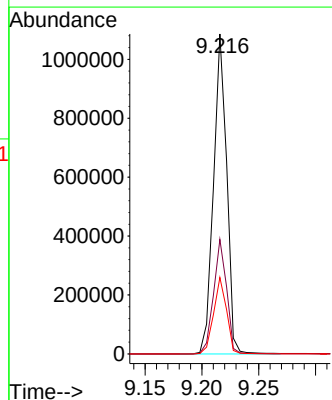
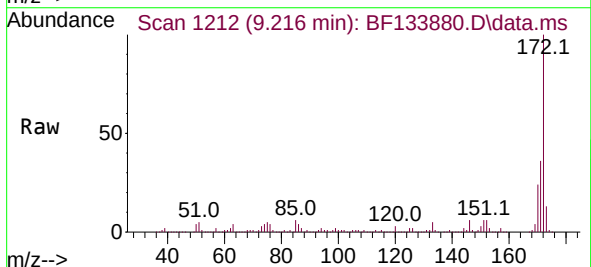
Instrument :
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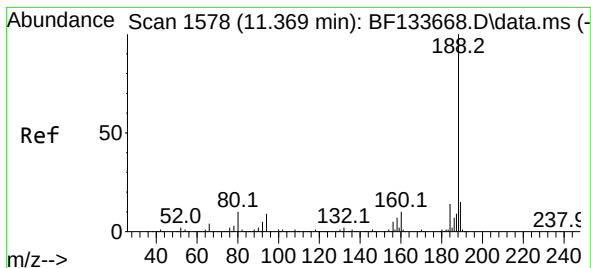
Tgt Ion:330 Resp: 185726
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 33.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 93.429 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Tgt Ion:172 Resp: 876966
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133880.D

Acq: 21 Jun 2023 20:05

Instrument :

BNA_F

ClientSampleId :

WS-SOIL3-0615

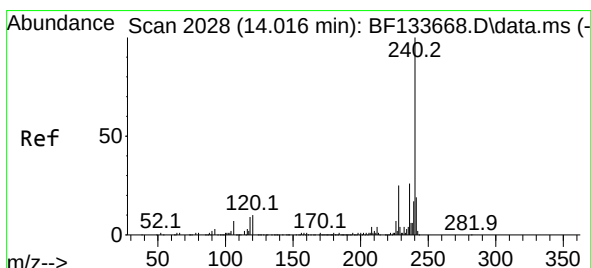
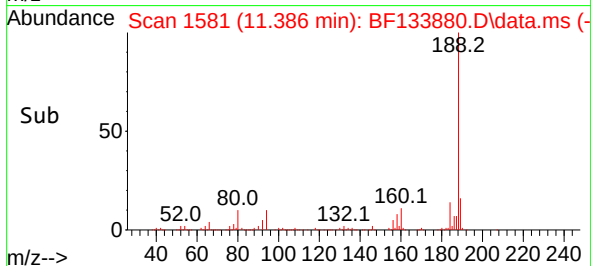
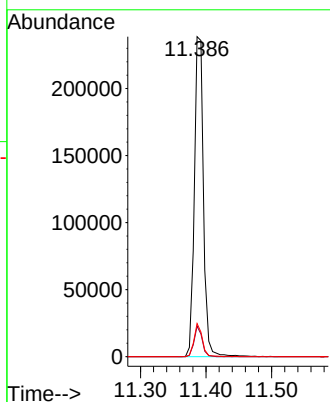
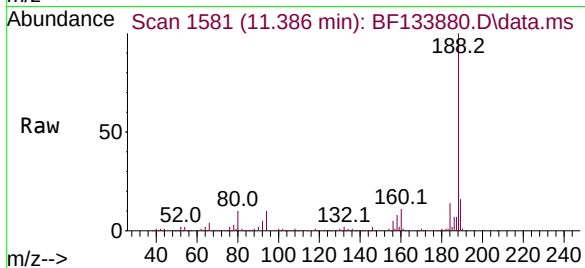
Tgt Ion:188 Resp: 229733

Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

80 10.3 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF133880.D

Acq: 21 Jun 2023 20:05

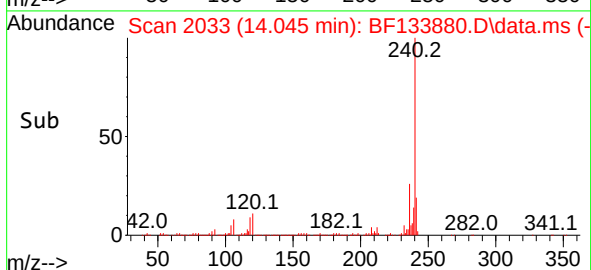
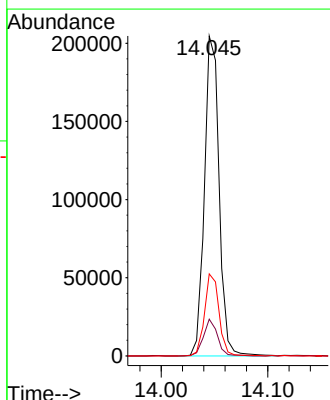
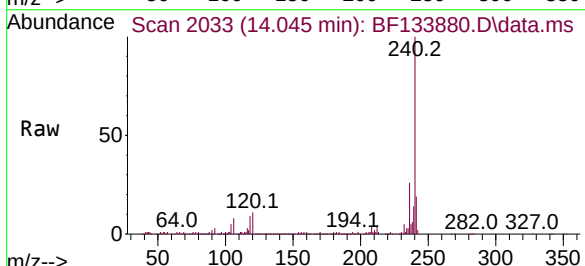
Tgt Ion:240 Resp: 195226

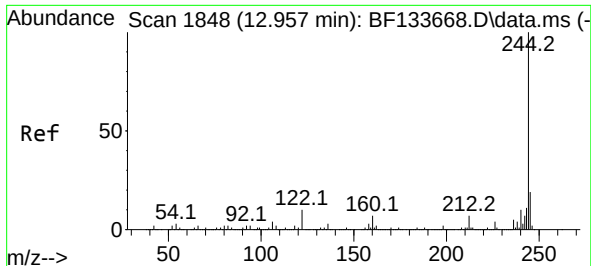
Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

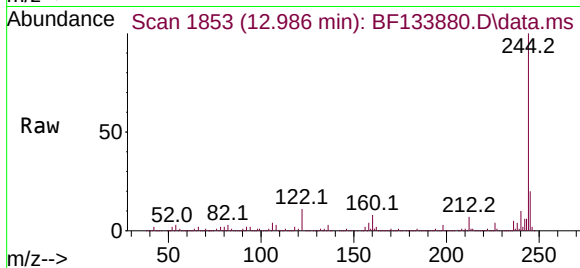
236 25.6 20.5 30.7



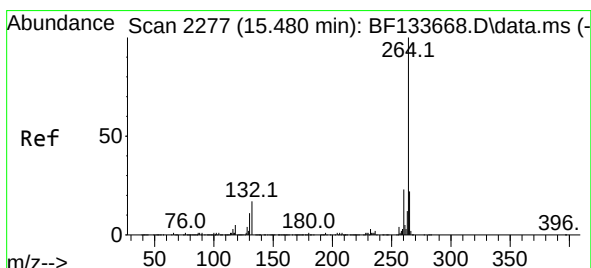
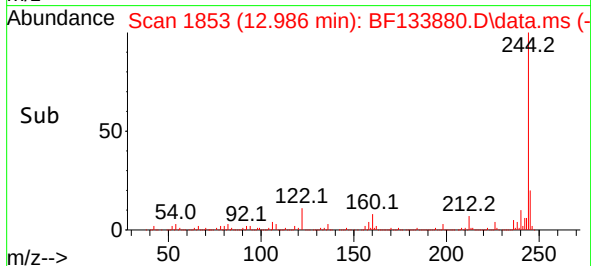
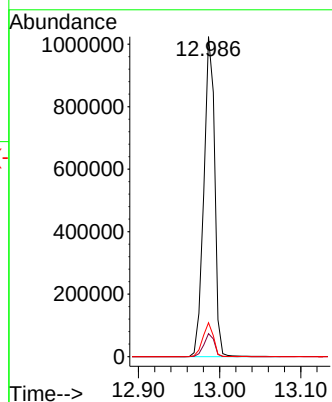


#79
 Terphenyl-d14
 Concen: 75.122 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133880.D
 Acq: 21 Jun 2023 20:05

Instrument :
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Tgt Ion:244 Resp: 947796
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF133880.D
 Acq: 21 Jun 2023 20:05

Tgt Ion:264 Resp: 135347
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 19.7 17.8 26.6

