

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
 Data File : BF139825.D
 Acq On : 16 Oct 2024 12:13
 Operator : RC/JU
 Sample : P4403-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Hawthorne TP Soil

Quant Time: Oct 16 12:42:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	79495	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	305819	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	165101	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	289532	20.000	ng	0.00
76) Chrysene-d12	14.010	240	150106	20.000	ng	0.00
86) Perylene-d12	15.474	264	173852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	531158	112.739	ng	0.00
7) Phenol-d6	6.487	99	696905	111.224	ng	0.00
23) Nitrobenzene-d5	7.416	82	446774	75.193	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	159339	114.432	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	813016	73.653	ng	0.00
79) Terphenyl-d14	12.957	244	713910	94.123	ng	0.00

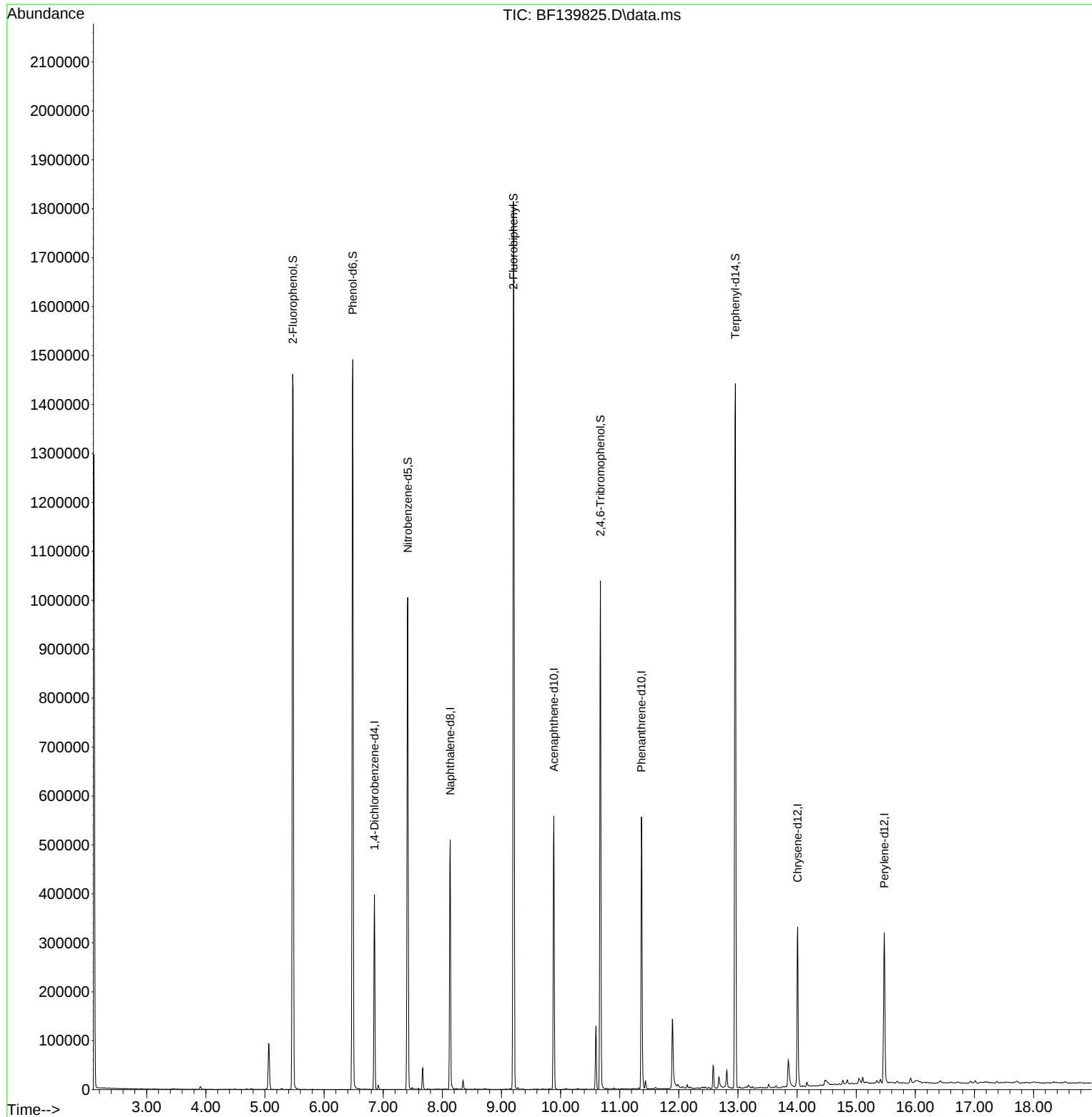
Target Compounds	Qvalue

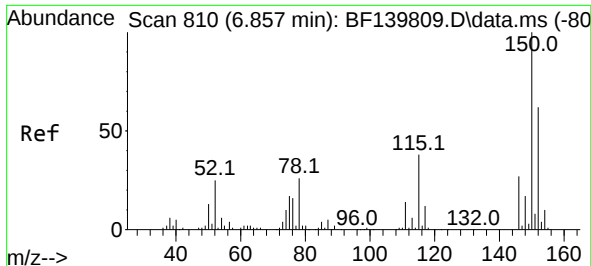
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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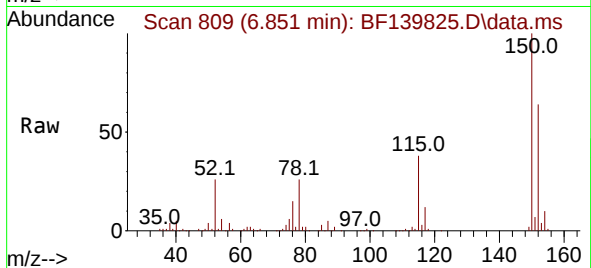
Quant Time: Oct 16 12:42:50 2024
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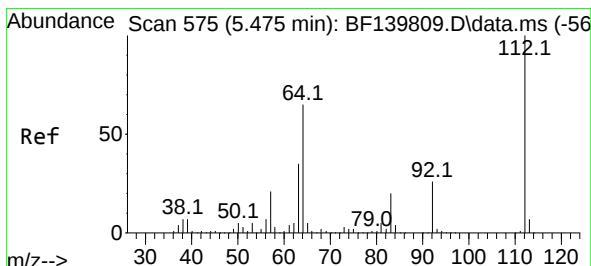
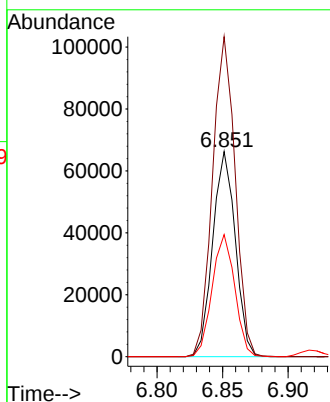
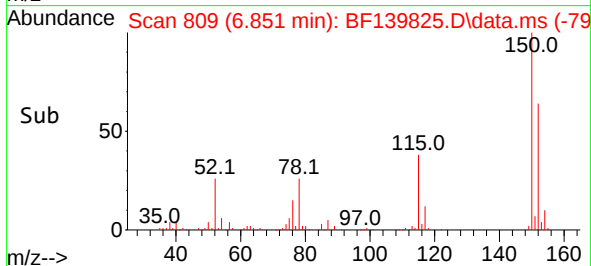


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF139825.D
Acq: 16 Oct 2024 12:13

Instrument :
BNA_F
ClientSampleId :
Hawthorne TP Soil

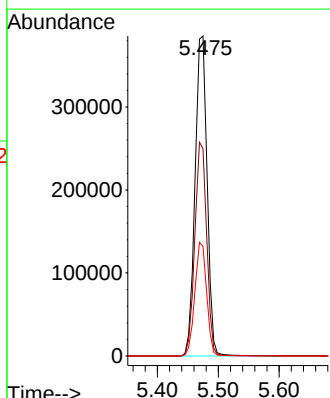
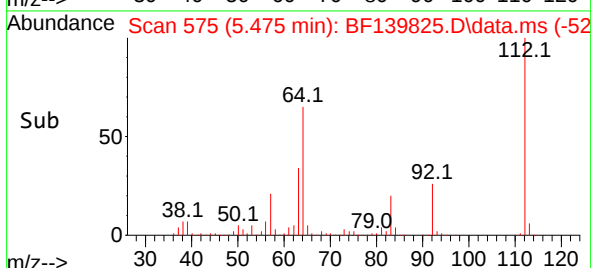
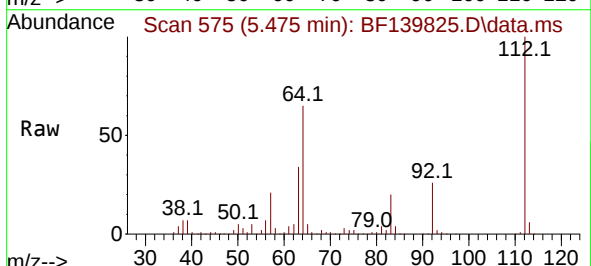


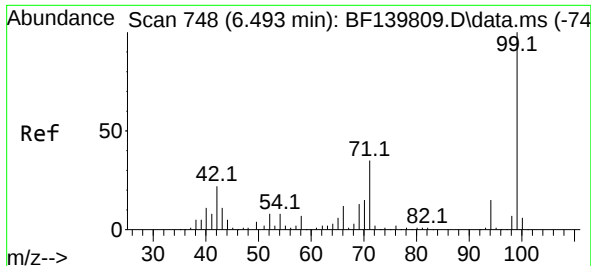
Tgt Ion:152 Resp: 79495
Ion Ratio Lower Upper
152 100
150 156.1 128.2 192.2
115 59.6 48.1 72.1



#5
2-Fluorophenol
Concen: 112.739 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF139825.D
Acq: 16 Oct 2024 12:13

Tgt Ion:112 Resp: 531158
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 34.3 27.6 41.4

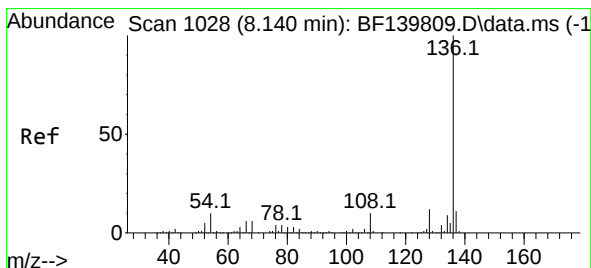
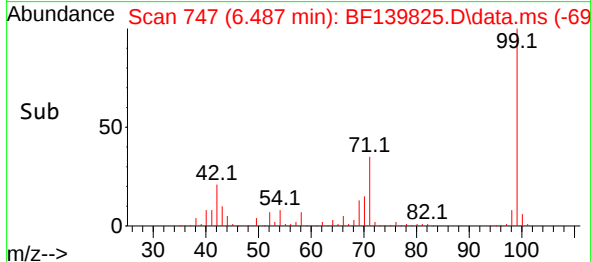
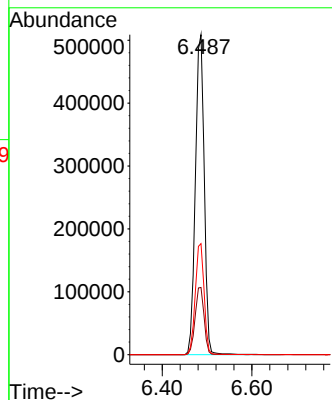
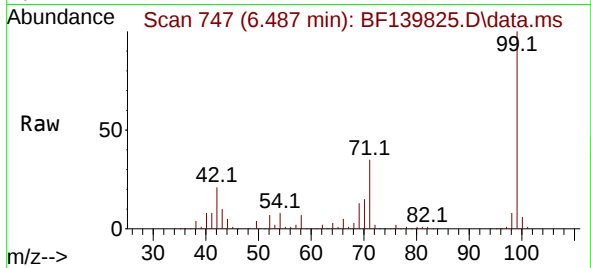




#7
Phenol-d6
Concen: 111.224 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF139825.D
Acq: 16 Oct 2024 12:13

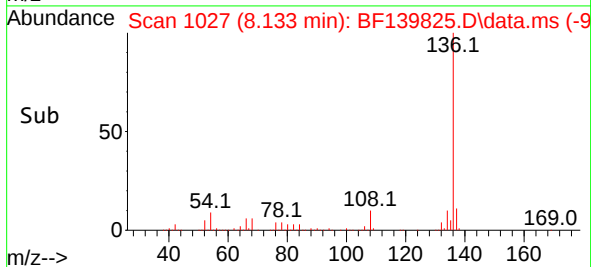
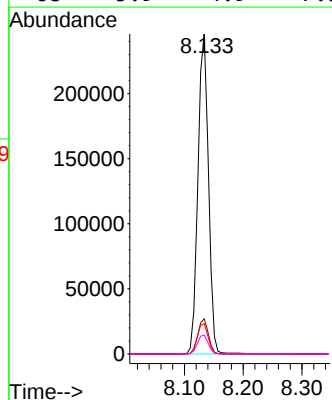
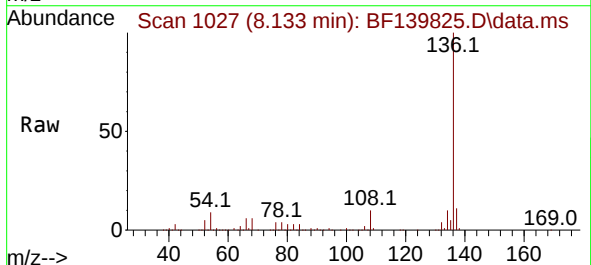
Instrument :
BNA_F
ClientSampleId :
Hawthorne TP Soil

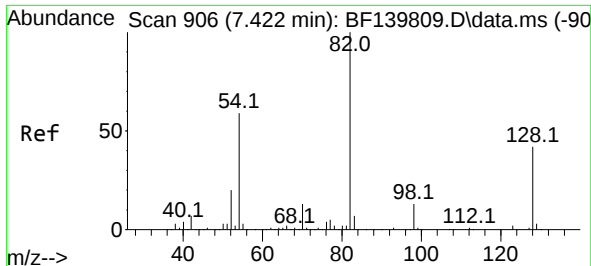
Tgt Ion: 99 Resp: 696905
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 34.7 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139825.D
Acq: 16 Oct 2024 12:13

Tgt Ion: 136 Resp: 305819
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.4 7.7 11.5
68 5.9 4.9 7.3

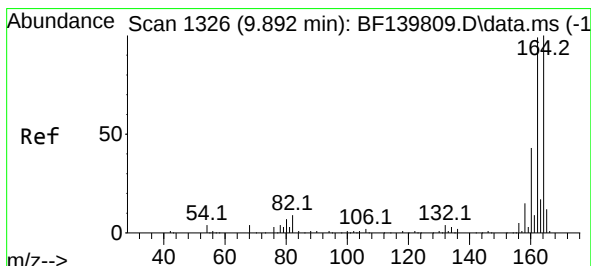
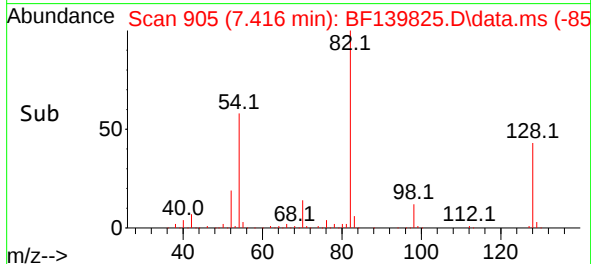
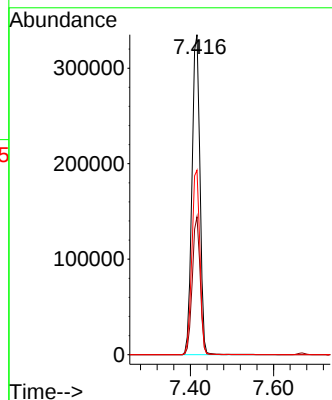
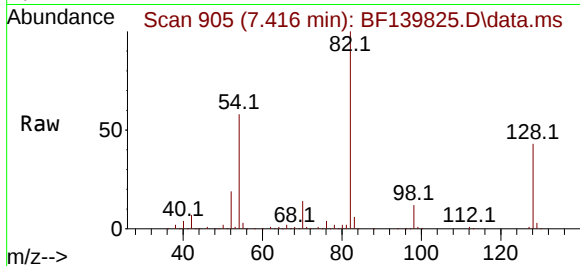




#23
Nitrobenzene-d5
Concen: 75.193 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139825.D
Acq: 16 Oct 2024 12:13

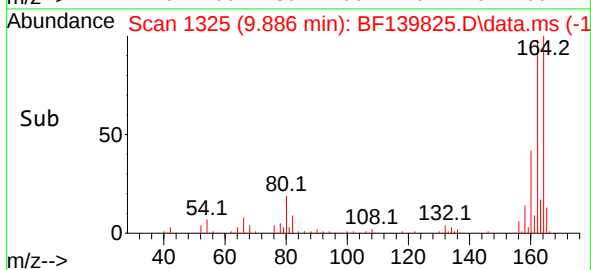
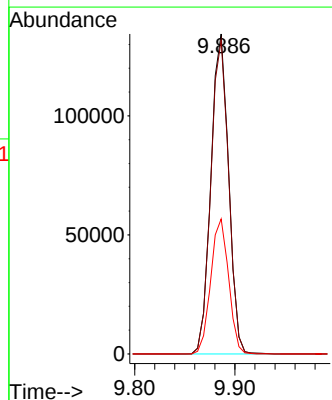
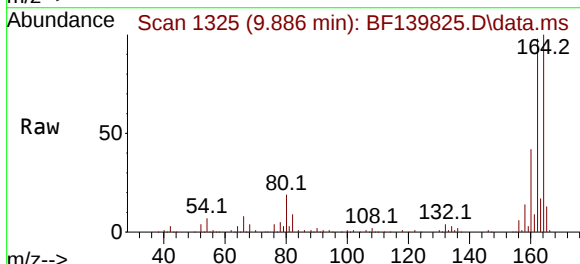
Instrument :
BNA_F
ClientSampleId :
Hawthorne TP Soil

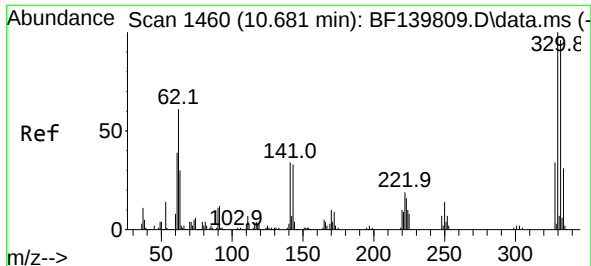
Tgt Ion: 82 Resp: 446774
Ion Ratio Lower Upper
82 100
128 43.1 33.9 50.9
54 57.7 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139825.D
Acq: 16 Oct 2024 12:13

Tgt Ion:164 Resp: 165101
Ion Ratio Lower Upper
164 100
162 98.1 79.1 118.7
160 42.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 114.432 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF139825.D

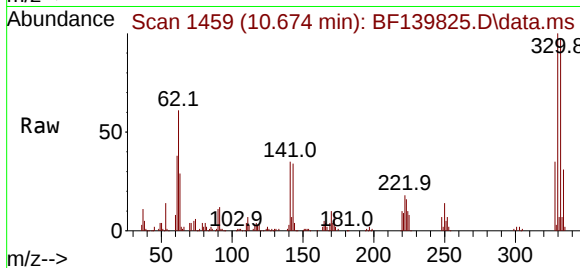
Acq: 16 Oct 2024 12:13

Instrument :

BNA_F

ClientSampleId :

Hawthorne TP Soil



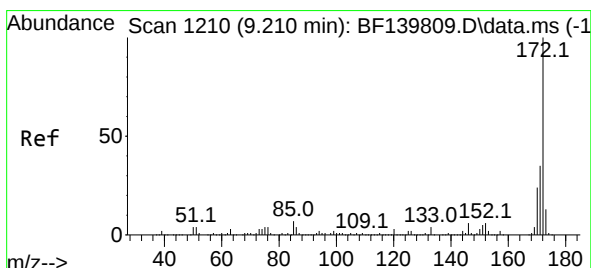
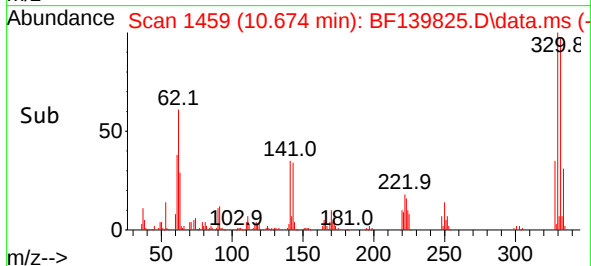
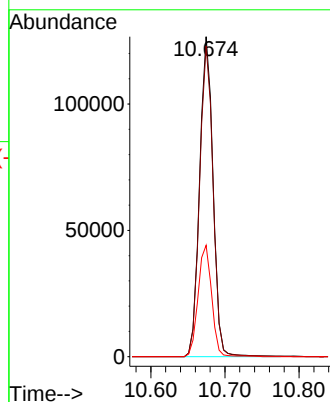
Tgt Ion:330 Resp: 159339

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

141 35.2 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 73.653 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF139825.D

Acq: 16 Oct 2024 12:13

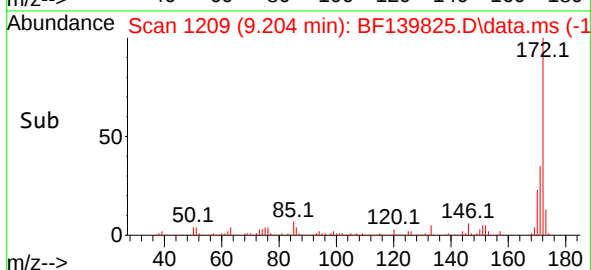
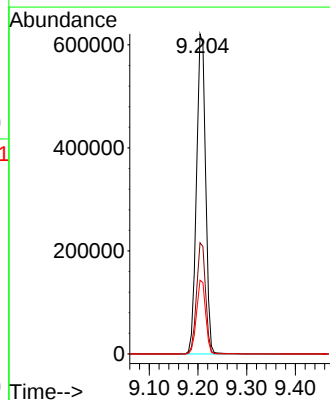
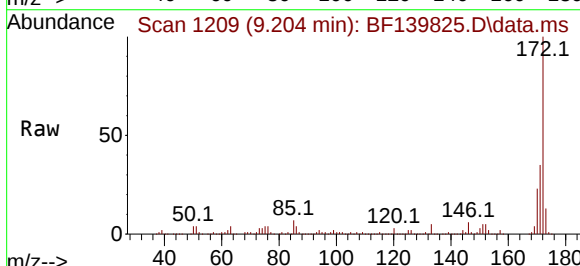
Tgt Ion:172 Resp: 813016

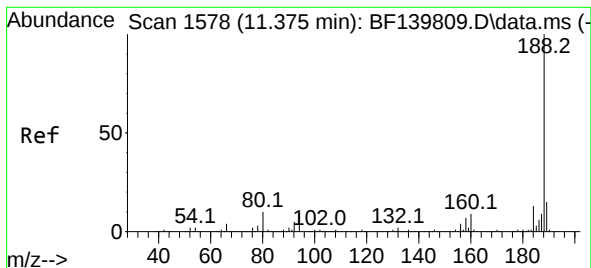
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139825.D

Acq: 16 Oct 2024 12:13

Instrument :

BNA_F

ClientSampleId :

Hawthorne TP Soil

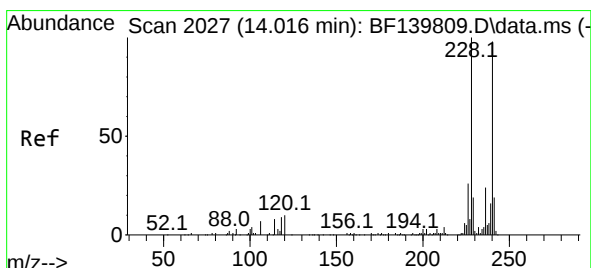
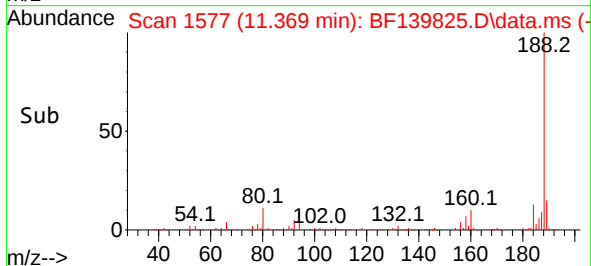
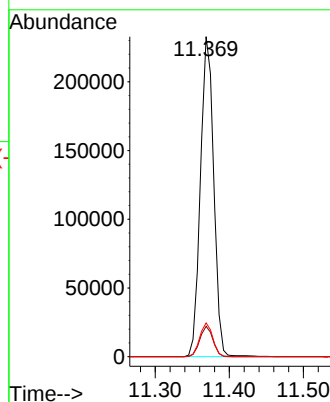
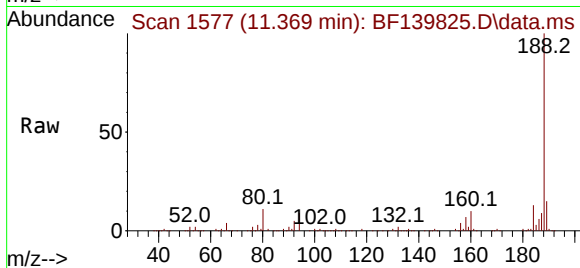
Tgt Ion:188 Resp: 289532

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 10.6 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF139825.D

Acq: 16 Oct 2024 12:13

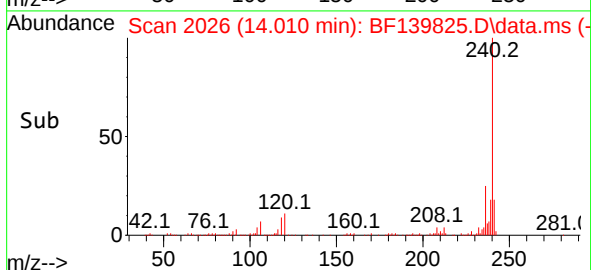
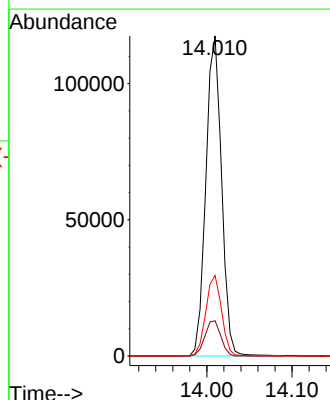
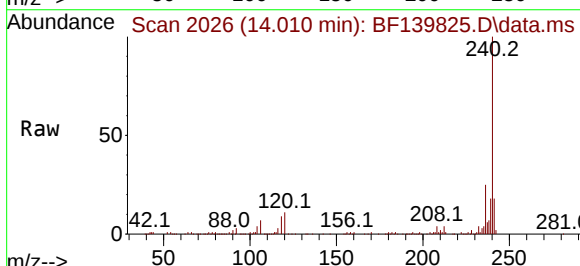
Tgt Ion:240 Resp: 150106

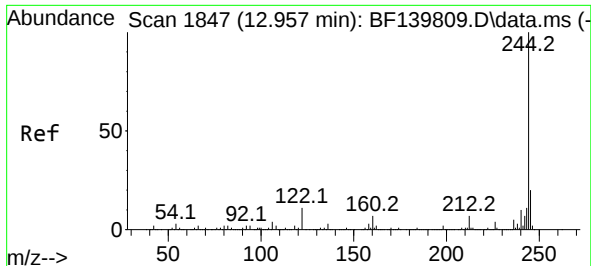
Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

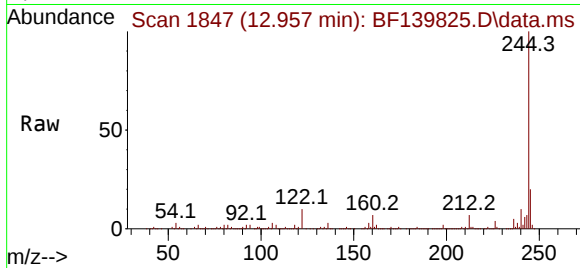
236 25.1 20.0 30.0



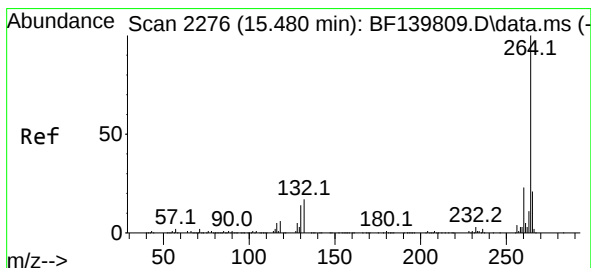
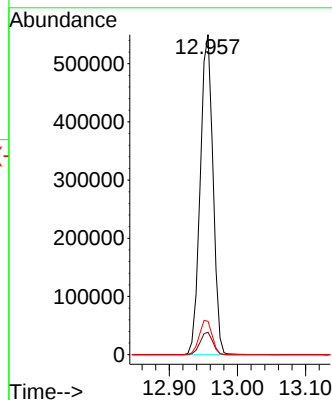
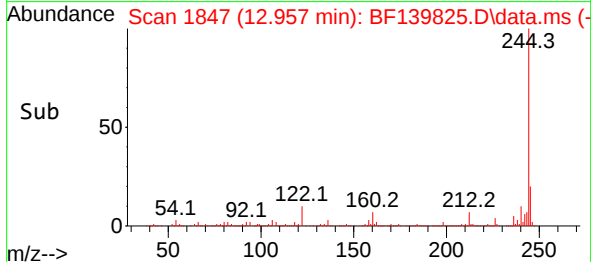


#79
 Terphenyl-d14
 Concen: 94.123 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139825.D
 Acq: 16 Oct 2024 12:13

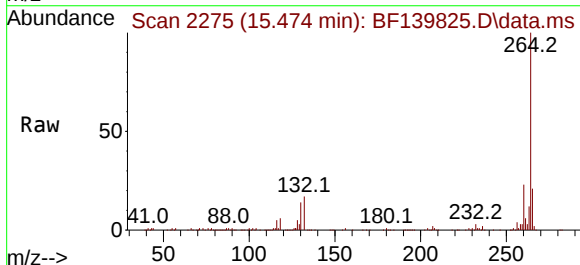
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Tgt Ion:244 Resp: 713910
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.5 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF139825.D
 Acq: 16 Oct 2024 12:13



Tgt Ion:264 Resp: 173852
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.4 17.2 25.8

