

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138210.D
 Acq On : 17 Jun 2024 17:59
 Operator : CG\JU
 Sample : P2883-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Soil/Gravel-SP

Quant Time: Jun 17 18:48:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

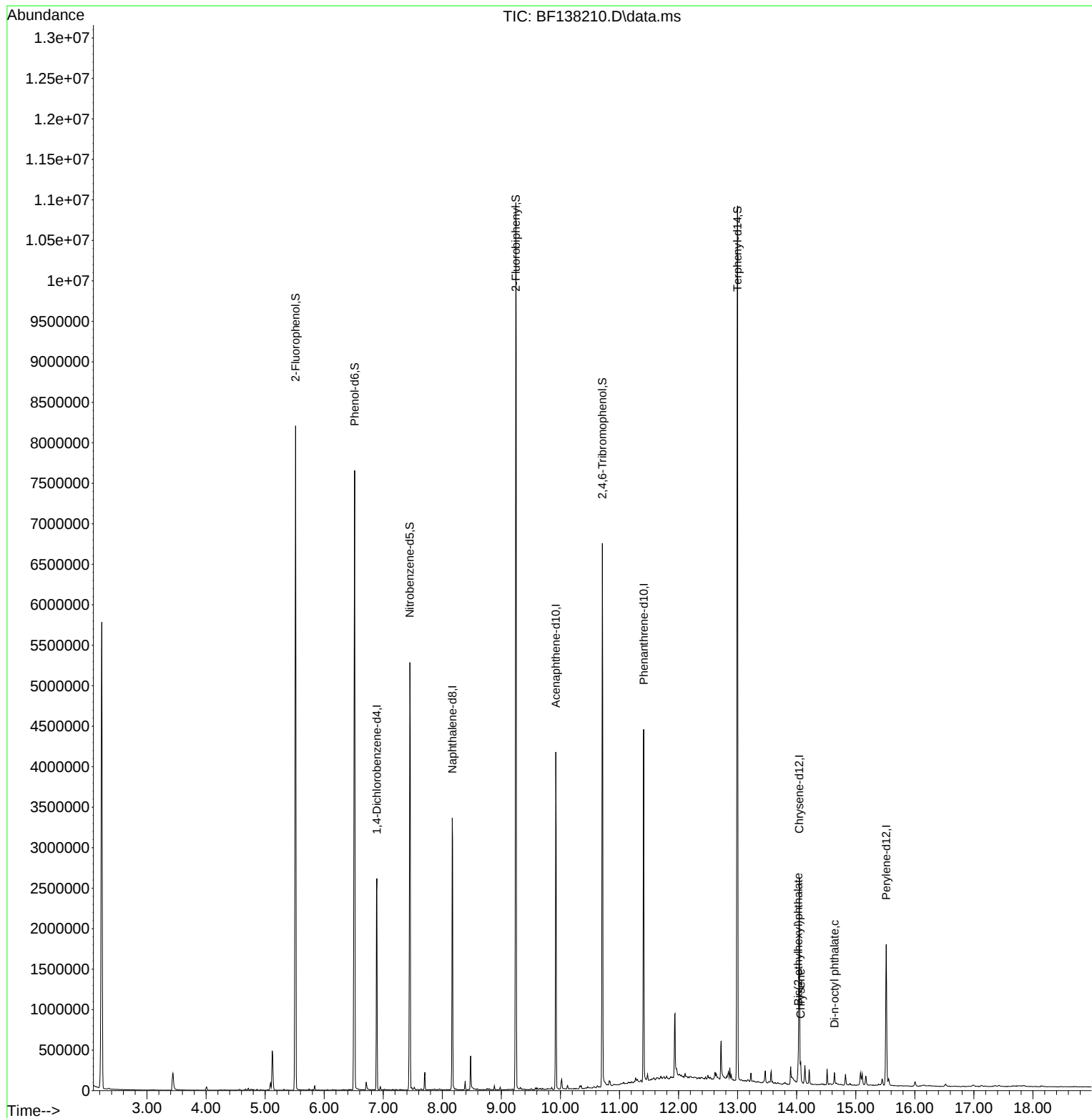
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	387474	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1512827	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	839877	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1463658	20.000	ng	0.00
76) Chrysene-d12	14.045	240	818992	20.000	ng	0.00
86) Perylene-d12	15.515	264	800002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2492949	107.627	ng	0.00
7) Phenol-d6	6.516	99	3104756	105.707	ng	0.00
23) Nitrobenzene-d5	7.451	82	1887310	72.627	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	853398	102.067	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3457223	65.456	ng	0.00
79) Terphenyl-d14	12.998	244	3961620	76.613	ng	0.00
Target Compounds						
83) Chrysene	14.068	228	111716	2.231	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	47760	2.137	ng	97
85) Di-n-octyl phthalate	14.639	149	81108	2.443	ng	100

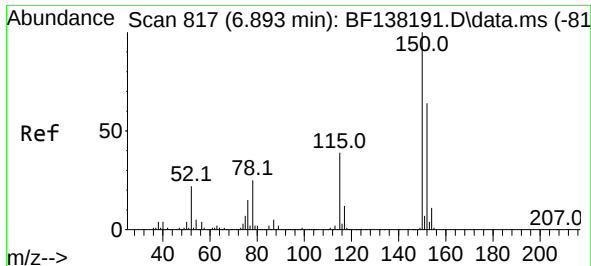
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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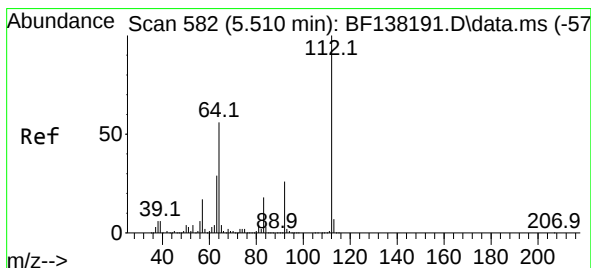
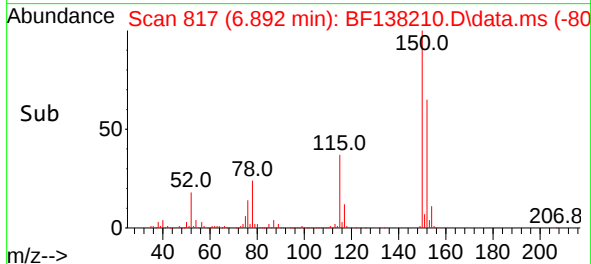
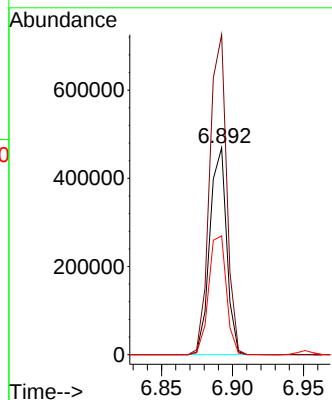
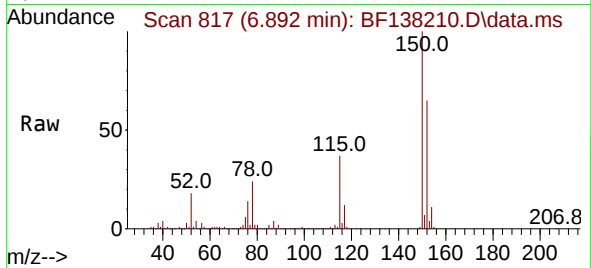




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

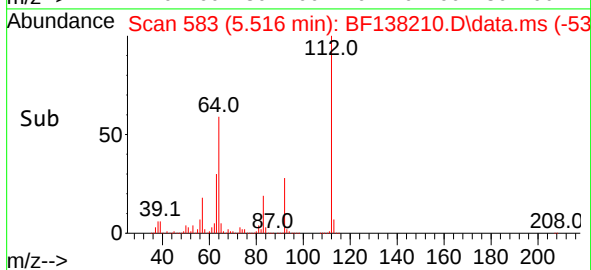
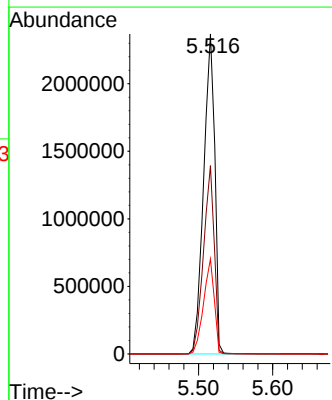
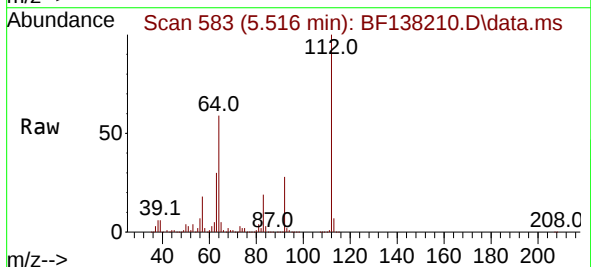
Instrument :
BNA_F
ClientSampleId :
Soil/Gravel-SP

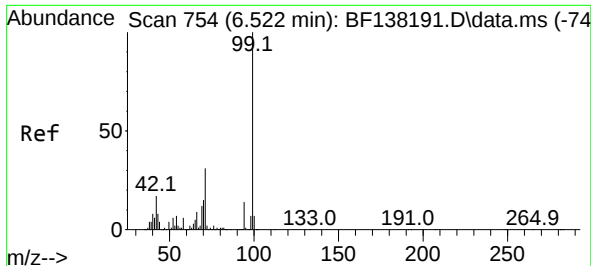
Tgt Ion:152 Resp: 387474
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.4
115 57.5 48.4 72.6



#5
2-Fluorophenol
Concen: 107.627 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

Tgt Ion:112 Resp: 2492949
Ion Ratio Lower Upper
112 100
64 58.9 45.2 67.8
63 29.7 22.9 34.3

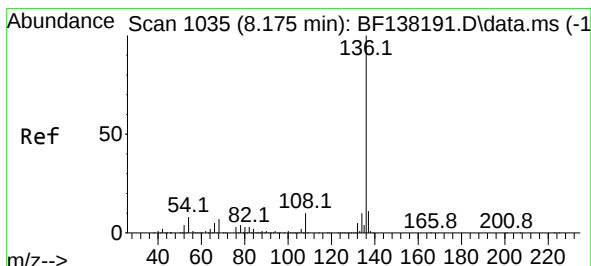
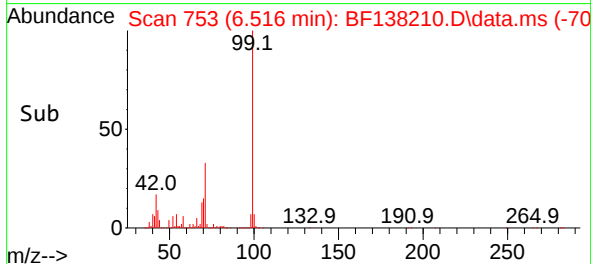
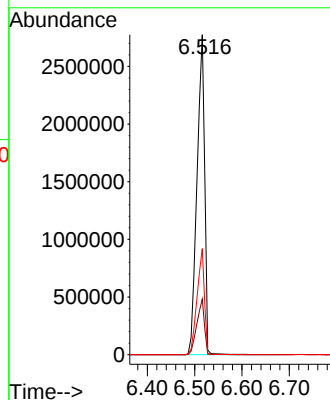
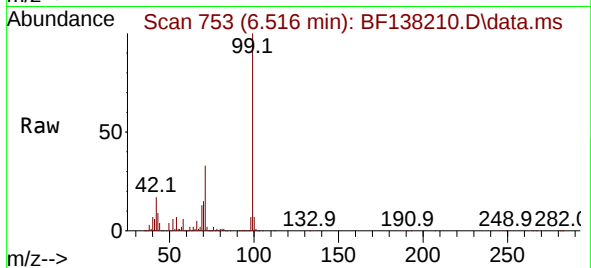




#7
Phenol-d6
Concen: 105.707 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

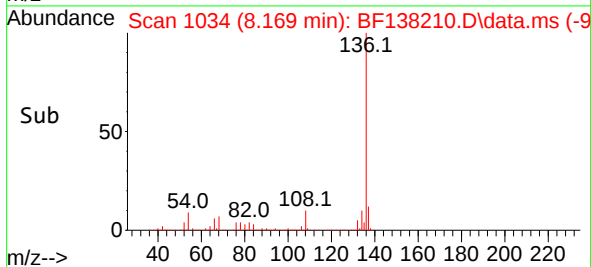
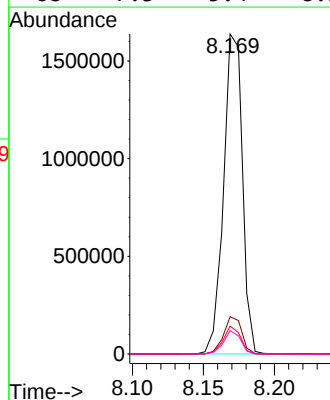
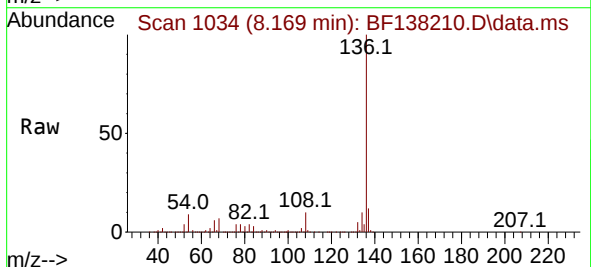
Instrument :
BNA_F
ClientSampleId :
Soil/Gravel-SP

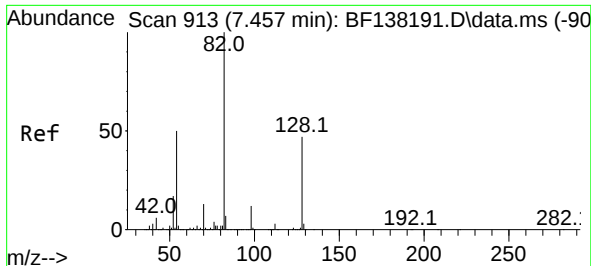
Tgt Ion: 99 Resp: 3104756
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 33.1 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

Tgt Ion: 136 Resp: 1512827
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.7 6.6 10.0
68 7.3 5.4 8.2

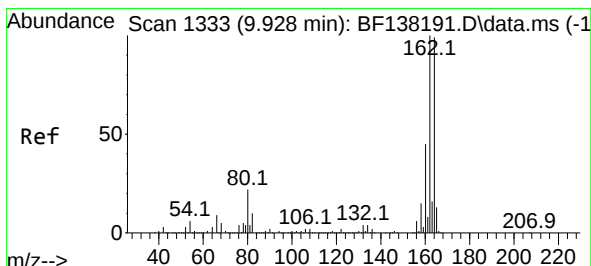
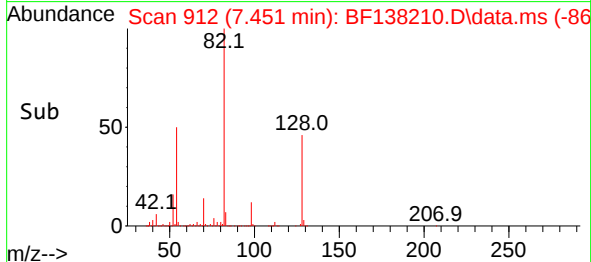
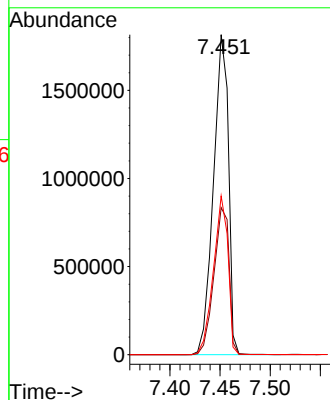
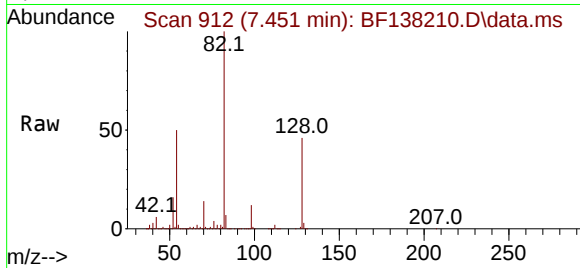




#23
Nitrobenzene-d5
Concen: 72.627 ng
RT: 7.451 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

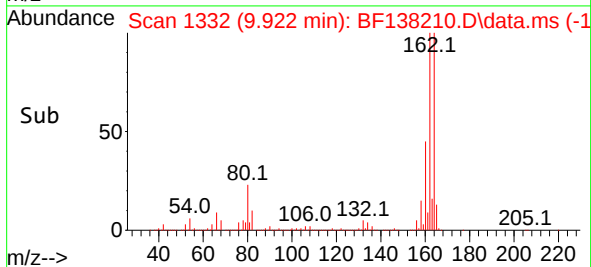
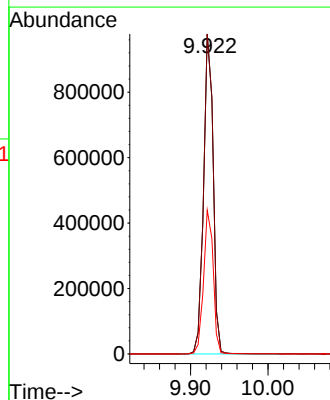
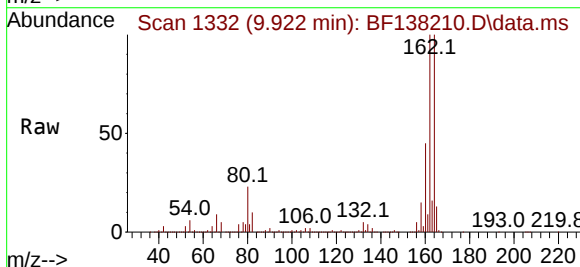
Instrument :
BNA_F
ClientSampleId :
Soil/Gravel-SP

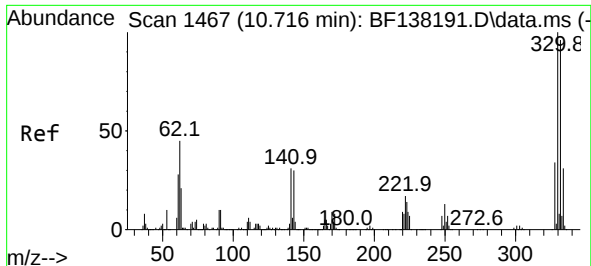
Tgt Ion: 82 Resp: 1887310
Ion Ratio Lower Upper
82 100
128 45.9 37.2 55.8
54 49.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

Tgt Ion: 164 Resp: 839877
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 102.067 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF138210.D

Acq: 17 Jun 2024 17:59

Instrument :

BNA_F

ClientSampleId :

Soil/Gravel-SP

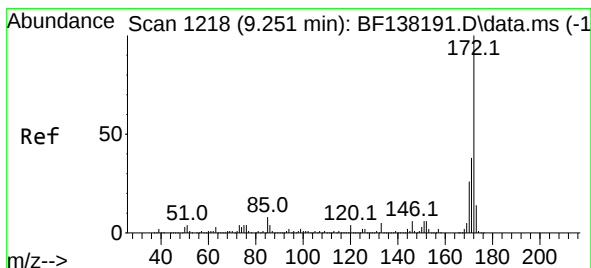
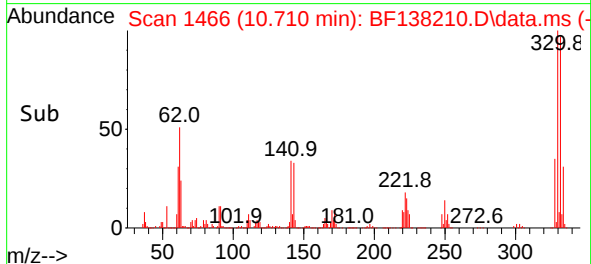
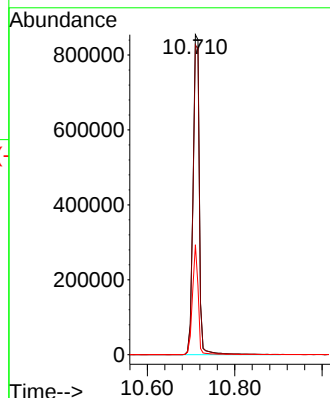
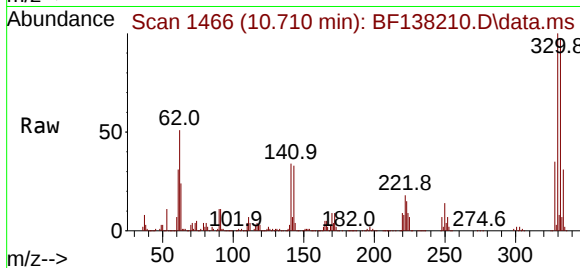
Tgt Ion:330 Resp: 853398

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 31.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 65.456 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138210.D

Acq: 17 Jun 2024 17:59

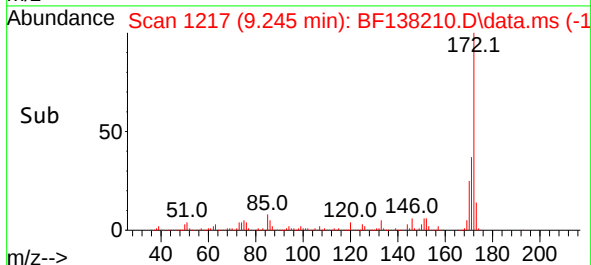
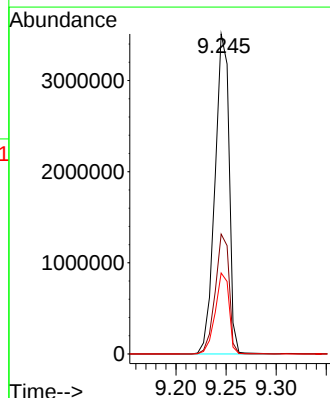
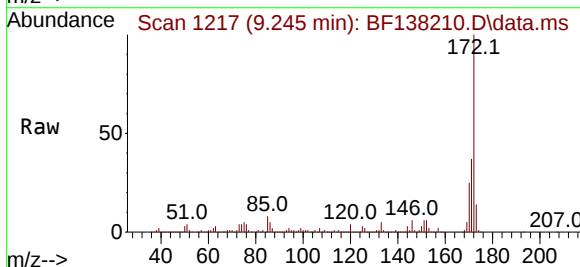
Tgt Ion:172 Resp: 3457223

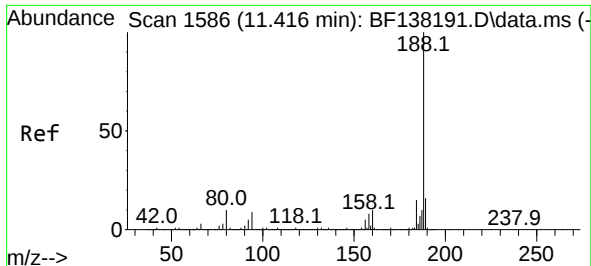
Ion Ratio Lower Upper

172 100

171 37.5 30.3 45.5

170 25.3 20.6 30.8

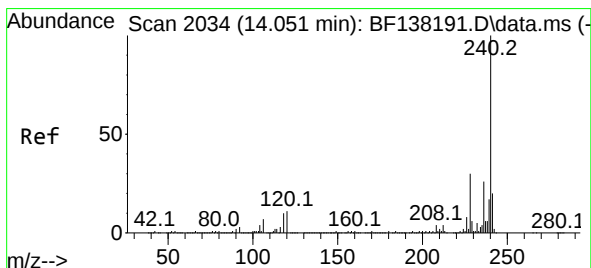
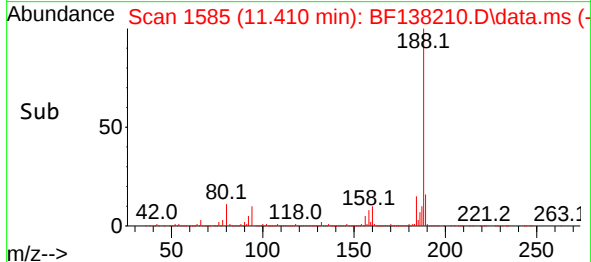
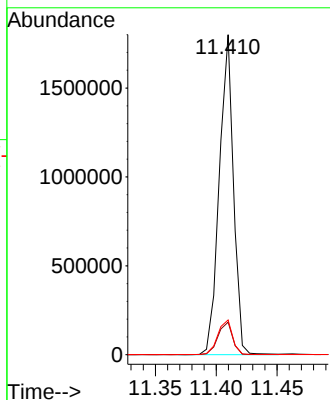
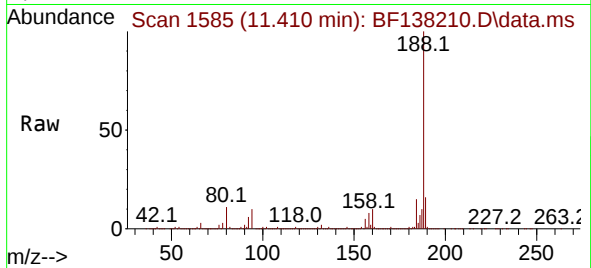




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

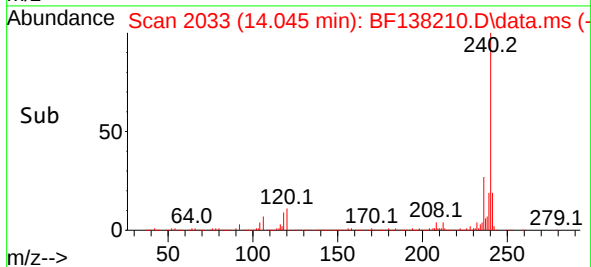
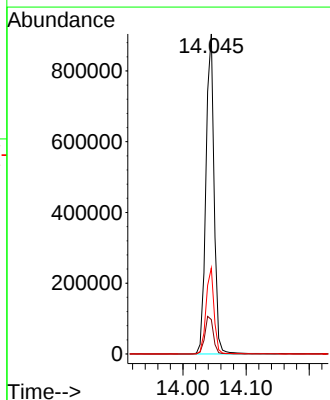
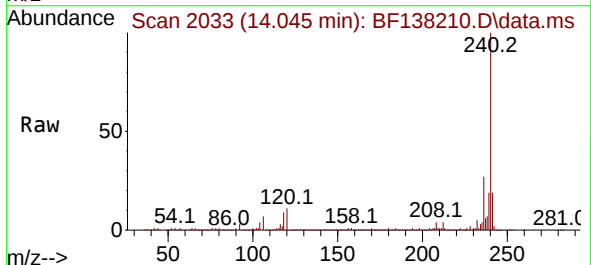
Instrument :
BNA_F
ClientSampleId :
Soil/Gravel-SP

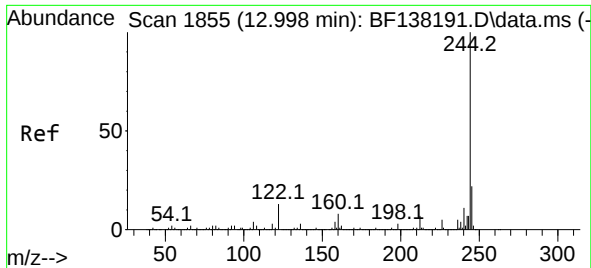
Tgt Ion:188 Resp: 1463658
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138210.D
Acq: 17 Jun 2024 17:59

Tgt Ion:240 Resp: 818992
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 26.8 21.0 31.6

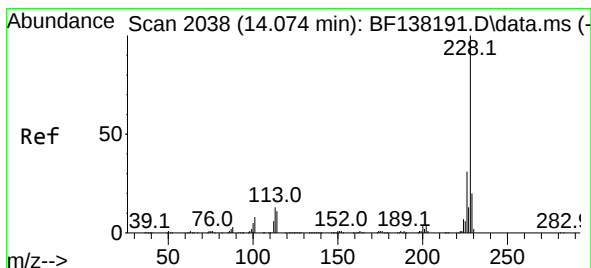
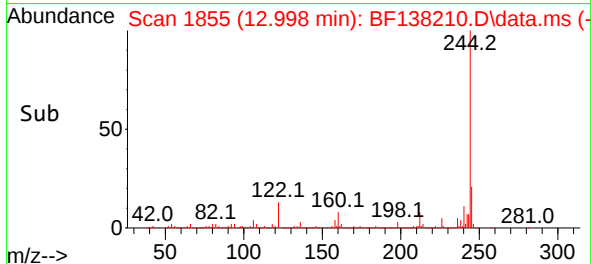
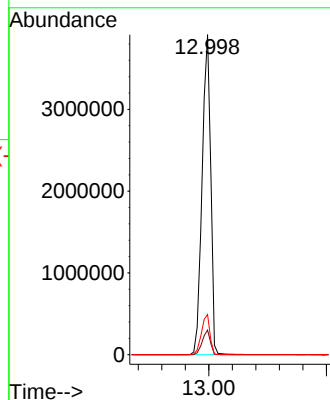
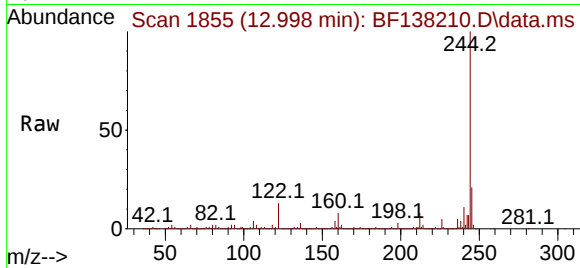




#79
 Terphenyl-d14
 Concen: 76.613 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138210.D
 Acq: 17 Jun 2024 17:59

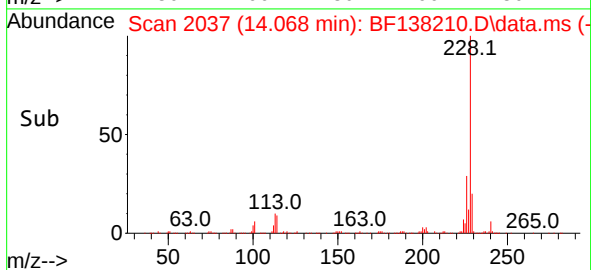
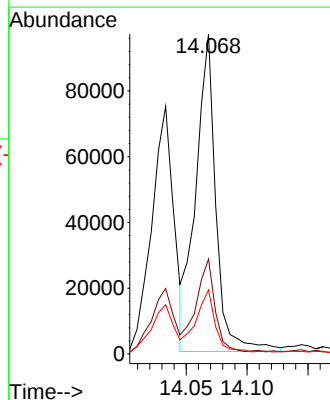
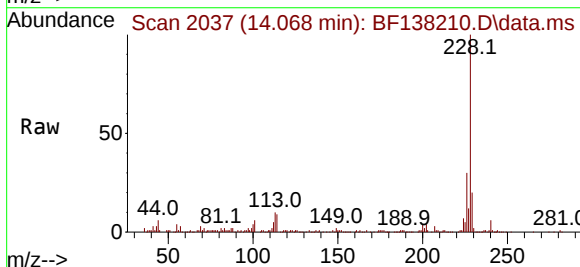
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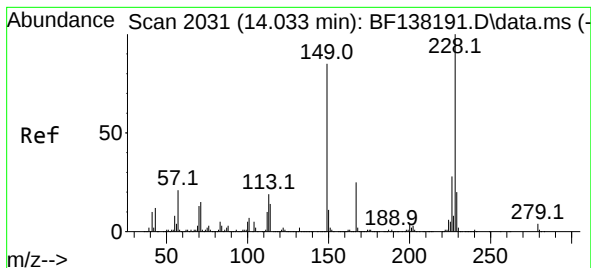
Tgt Ion:244 Resp: 3961620
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 12.5 10.6 15.8



#83
 Chrysene
 Concen: 2.231 ng
 RT: 14.068 min Scan# 2037
 Delta R.T. -0.006 min
 Lab File: BF138210.D
 Acq: 17 Jun 2024 17:59

Tgt Ion:228 Resp: 111716
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.5 36.7
 229 20.0 16.3 24.5

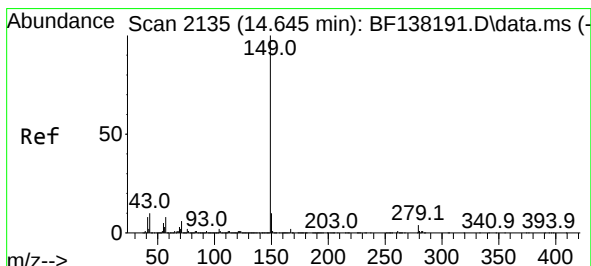
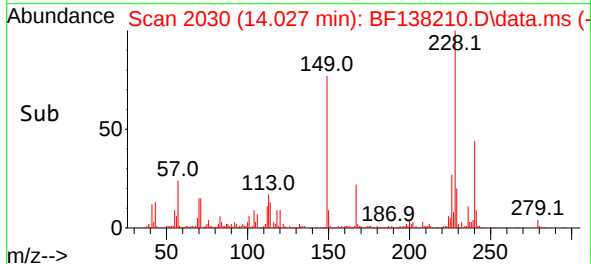
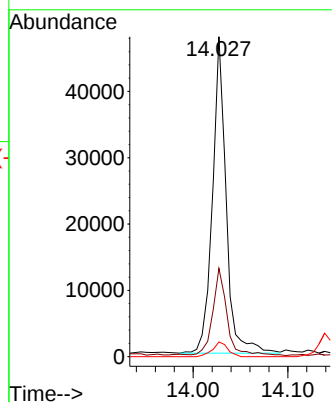
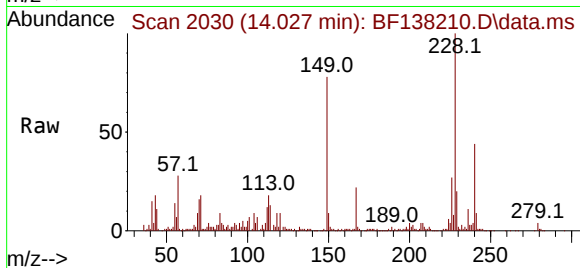




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.137 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF138210.D
 Acq: 17 Jun 2024 17:59

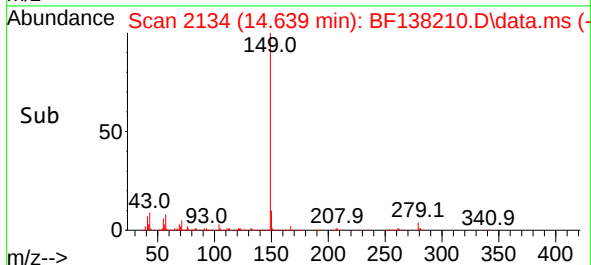
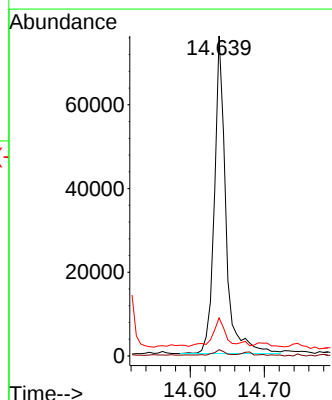
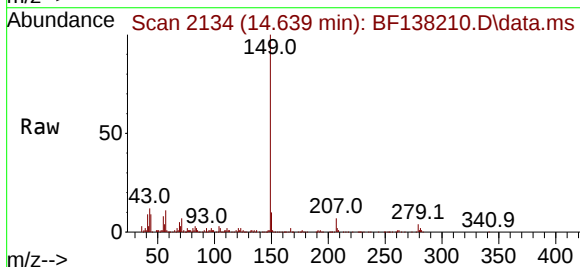
Instrument :
 BNA_F
 ClientSampleId :
 Soil/Gravel-SP

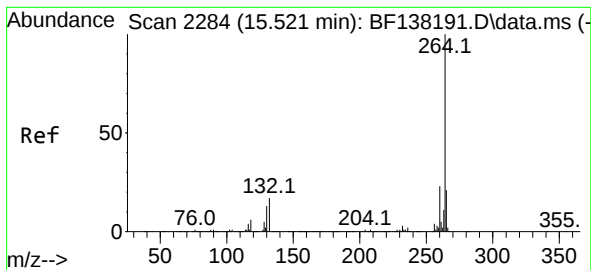
Tgt Ion:149 Resp: 47760
 Ion Ratio Lower Upper
 149 100
 167 27.6 23.5 35.3
 279 4.6 4.2 6.2



#85
 Di-n-octyl phthalate
 Concen: 2.443 ng
 RT: 14.639 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BF138210.D
 Acq: 17 Jun 2024 17:59

Tgt Ion:149 Resp: 81108
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.7 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138210.D
 Acq: 17 Jun 2024 17:59

Instrument :
 BNA_F
 ClientSampleId :
 Soil/Gravel-SP

Tgt Ion:264 Resp: 800002
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 20.8 17.0 25.6

