

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131572.D
 Acq On : 09 Dec 2022 18:09
 Operator : CG\JU
 Sample : N5947-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208

Quant Time: Dec 10 04:01:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

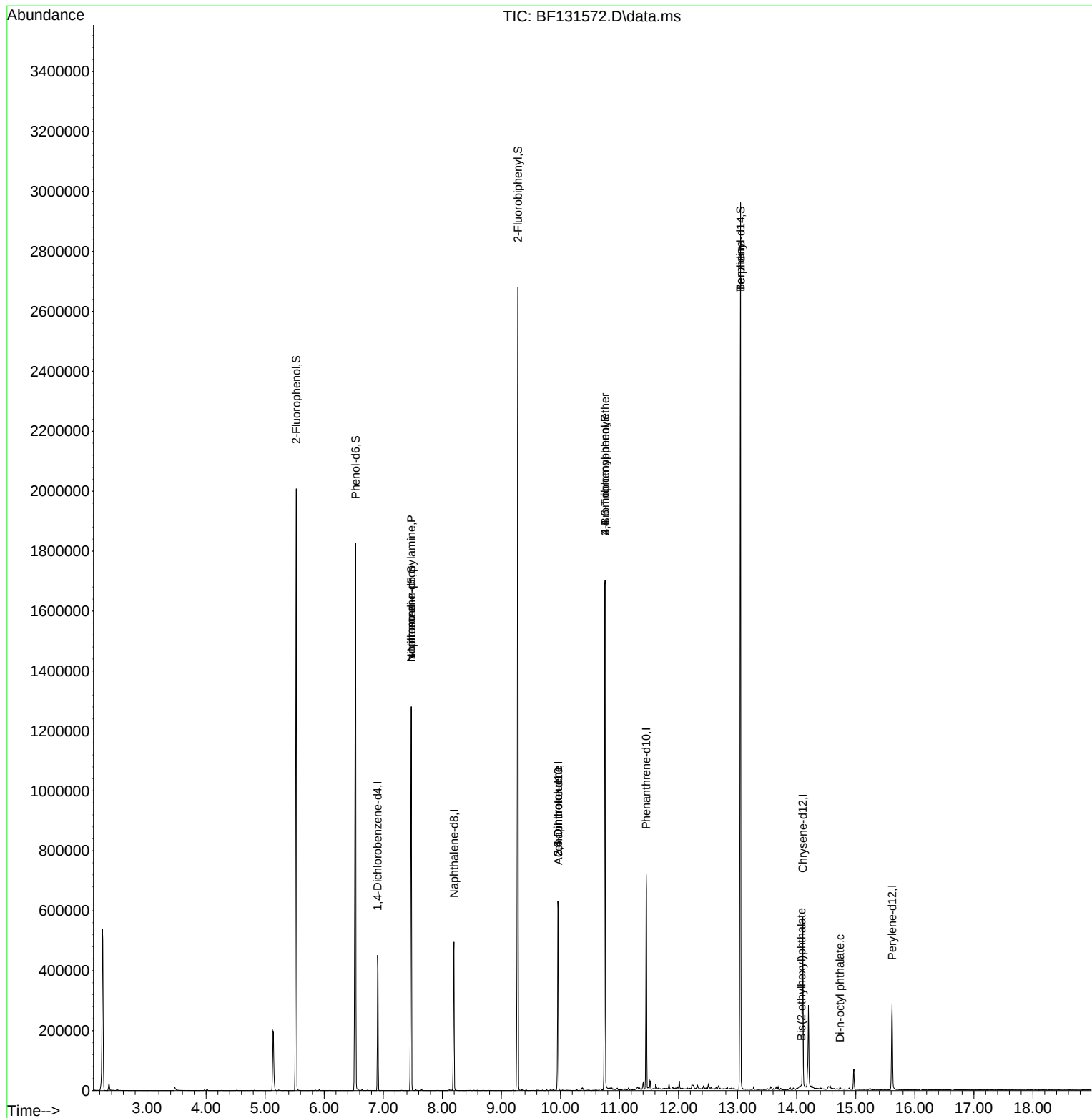
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	59175	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	214623	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	130309	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	256600	20.000	ng	0.00
76) Chrysene-d12	14.104	240	170254	20.000	ng	0.00
86) Perylene-d12	15.615	264	139035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	486840	137.252	ng	0.02
7) Phenol-d6	6.533	99	643877	138.523	ng	0.00
23) Nitrobenzene-d5	7.475	82	453406	79.869	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	200402	138.421	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	820115	79.355	ng	0.00
79) Terphenyl-d14	13.051	244	958995	77.247	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	64577	18.528	ng	# 81
25) Isophorone	7.475	82	452301	49.464	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	16885	8.234	ng	# 10
57) 2,4-Dinitrotoluene	9.957	165	16885	6.207	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	13425	4.067	ng	# 1
77) Benzidine	13.051	184	16005	3.509	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.080	149	1151	3.195	ng	# 93
85) Di-n-octyl phthalate	14.733	149	823	5.287	ng	# 1

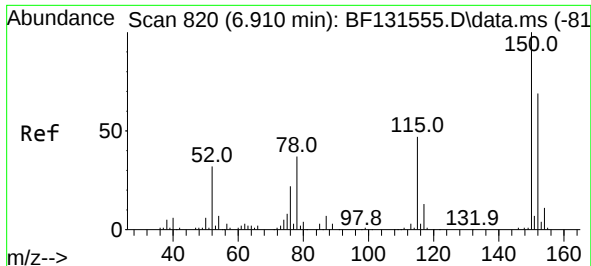
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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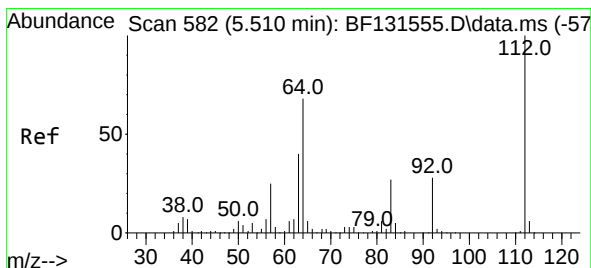
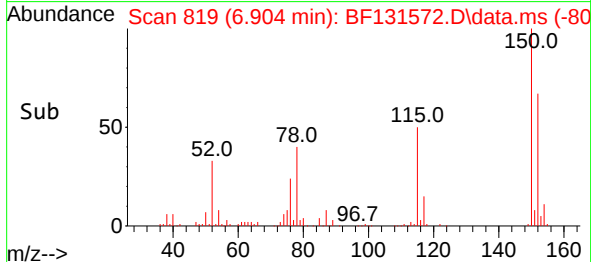
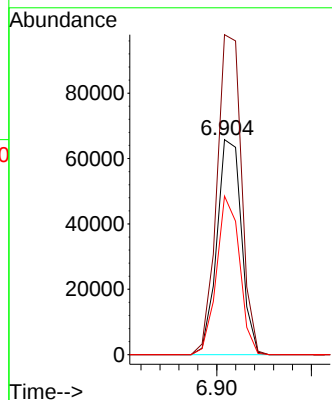
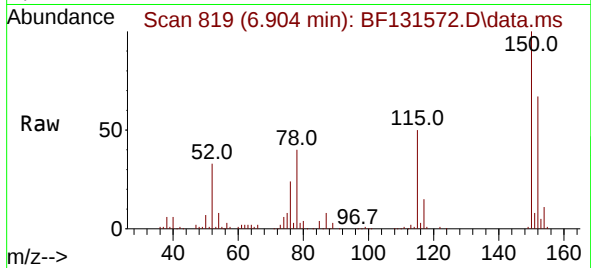




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

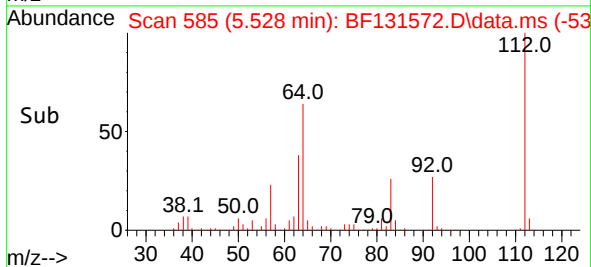
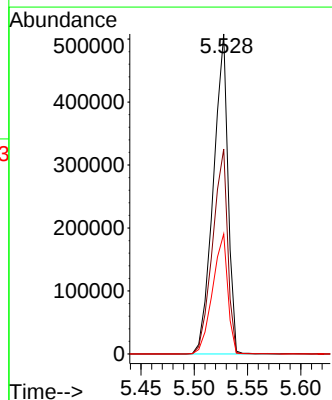
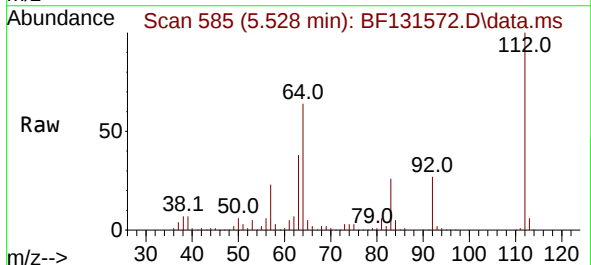
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

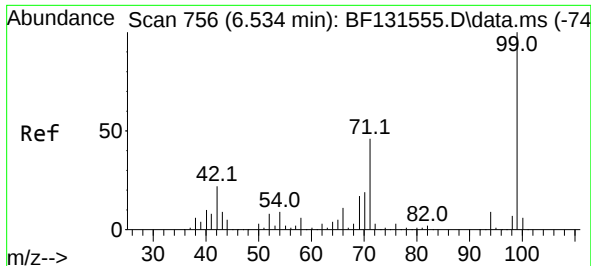
Tgt Ion:152 Resp: 59175
Ion Ratio Lower Upper
152 100
150 148.9 116.7 175.1
115 73.8 54.6 82.0



#5
2-Fluorophenol
Concen: 137.252 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:112 Resp: 486840
Ion Ratio Lower Upper
112 100
64 64.0 54.5 81.7
63 37.5 31.9 47.9

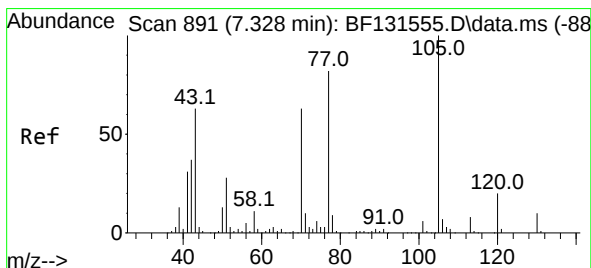
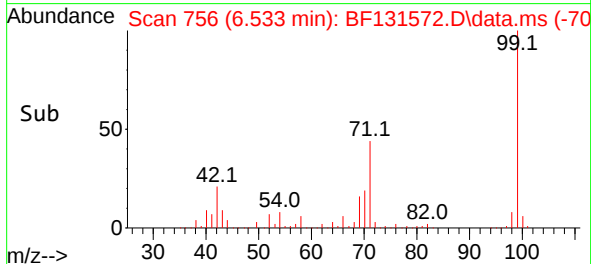
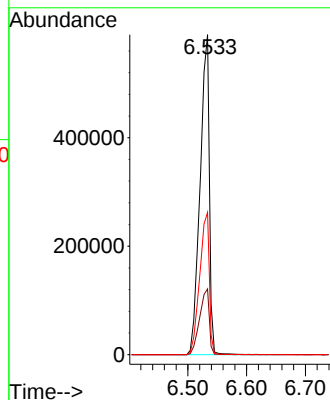
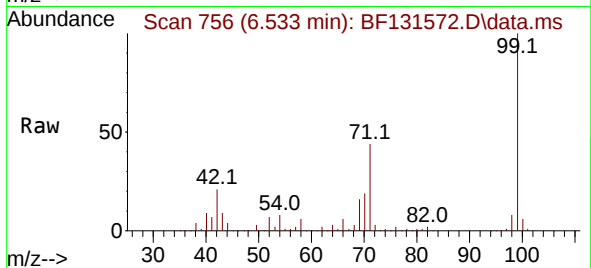




#7
Phenol-d6
Concen: 138.523 ng
RT: 6.533 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

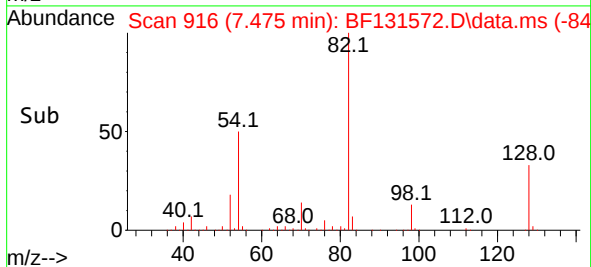
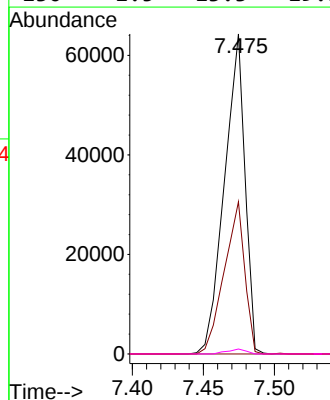
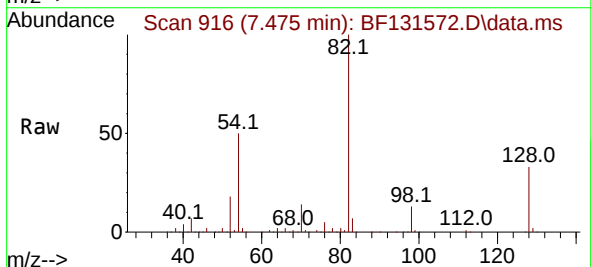
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

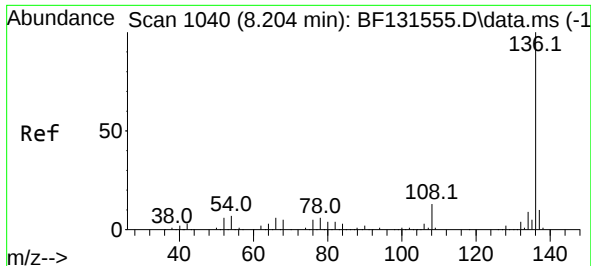
Tgt Ion: 99 Resp: 643877
Ion Ratio Lower Upper
99 100
42 20.5 17.9 26.9
71 44.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.528 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion: 70 Resp: 64577
Ion Ratio Lower Upper
70 100
42 47.6 46.4 69.6
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

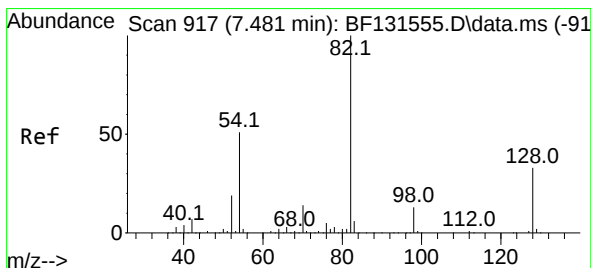
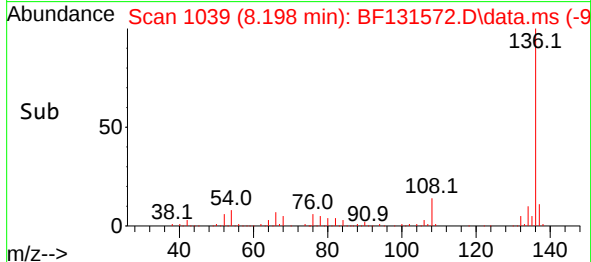
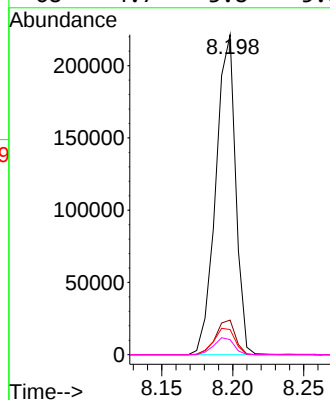
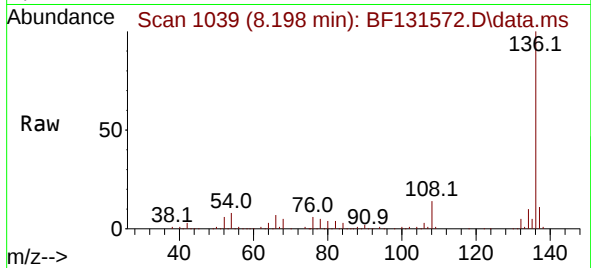




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

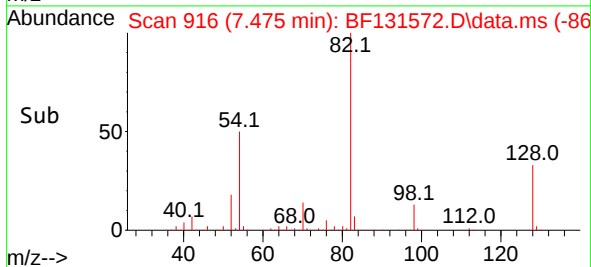
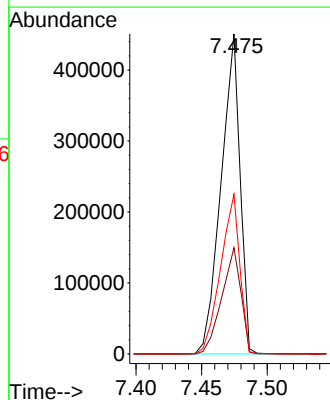
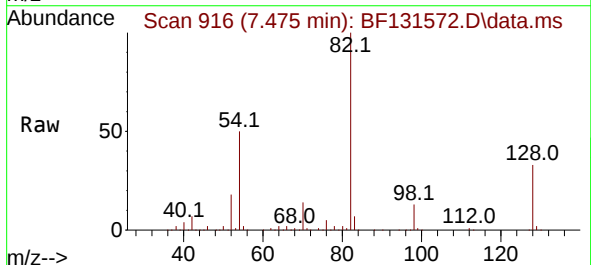
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

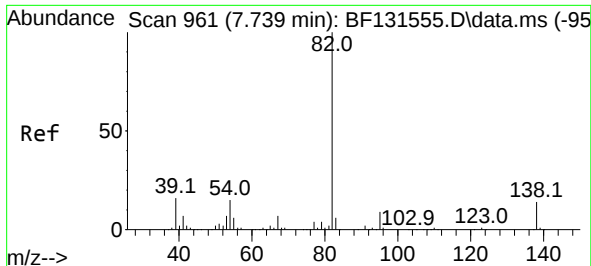
Tgt Ion:136 Resp: 214623
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.9 6.0 9.0
68 4.7 3.8 5.8



#23
Nitrobenzene-d5
Concen: 79.869 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion: 82 Resp: 453406
Ion Ratio Lower Upper
82 100
128 33.2 26.1 39.1
54 49.9 40.6 60.8

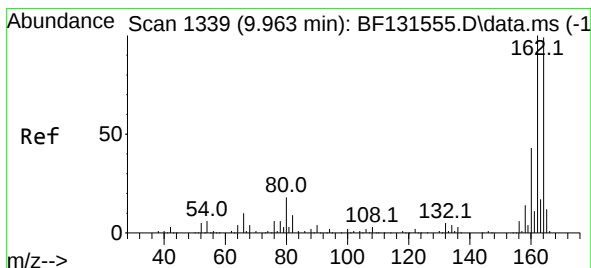
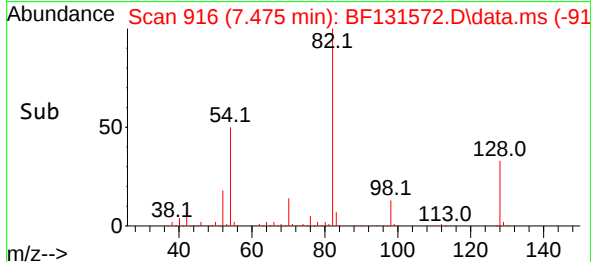
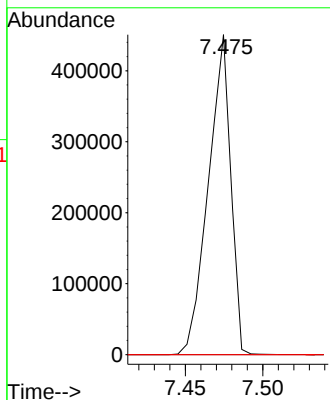
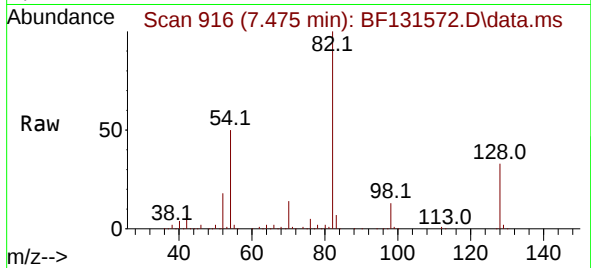




#25
Isophorone
Concen: 49.464 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

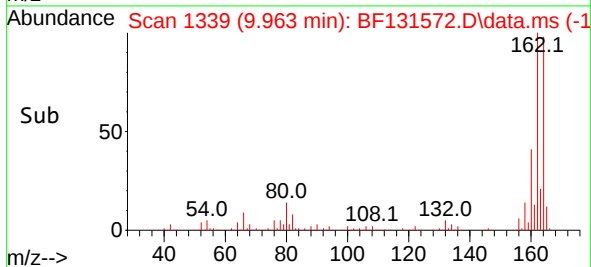
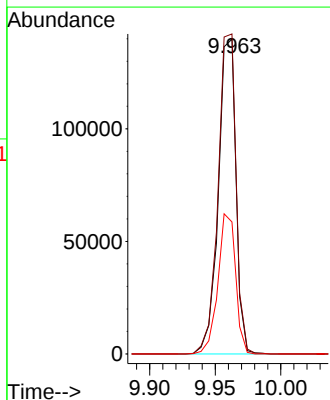
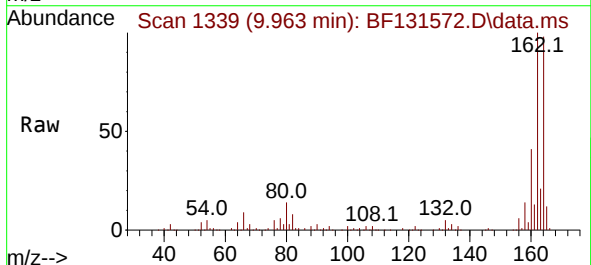
Instrument :
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ClientSampleId :
NYE-SOIL-1208

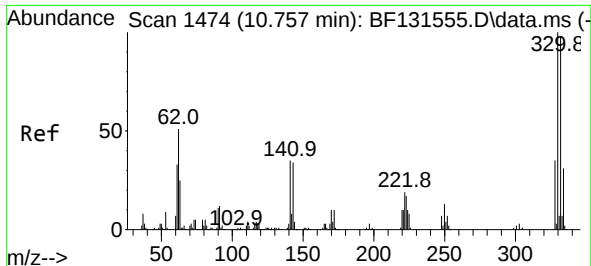
Tgt Ion: 82 Resp: 452301
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

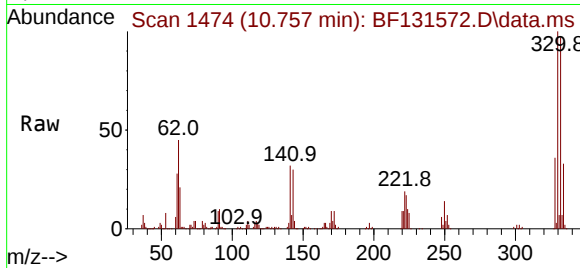
Tgt Ion:164 Resp: 130309
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.6
160 42.0 35.0 52.6



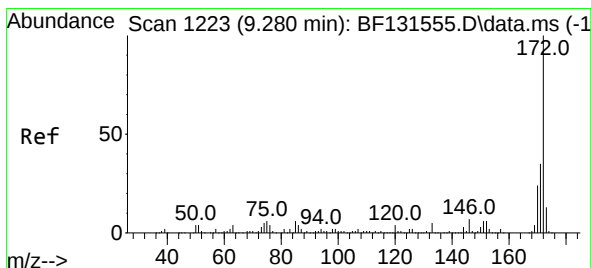
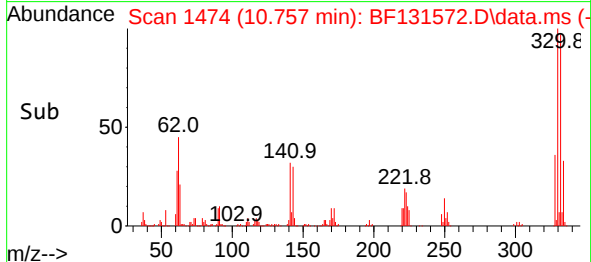
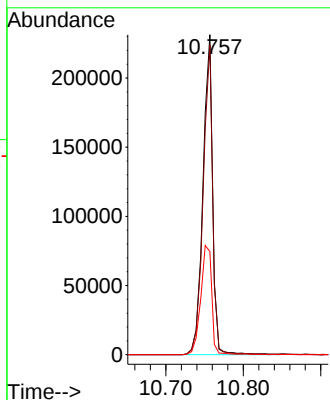


#42
2,4,6-Tribromophenol
Concen: 138.421 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

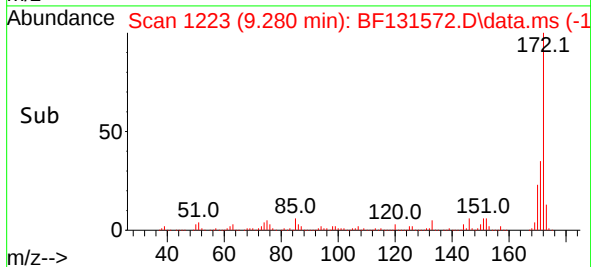
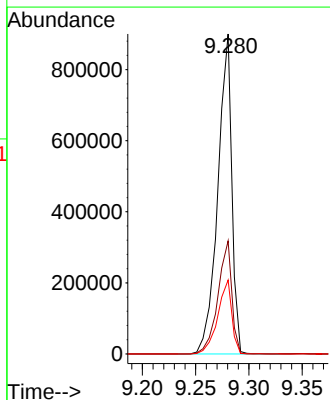
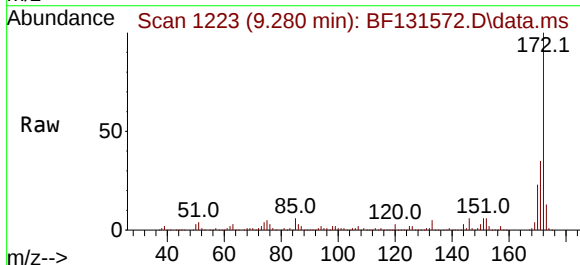


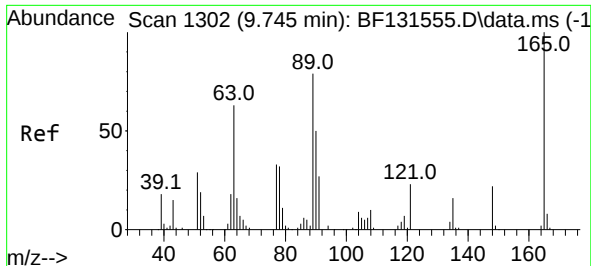
Tgt Ion:330 Resp: 200402
Ion Ratio Lower Upper
330 100
332 95.3 78.3 117.5
141 38.8 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 79.355 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:172 Resp: 820115
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 19.3 28.9

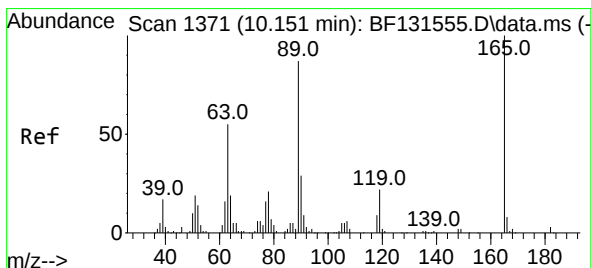
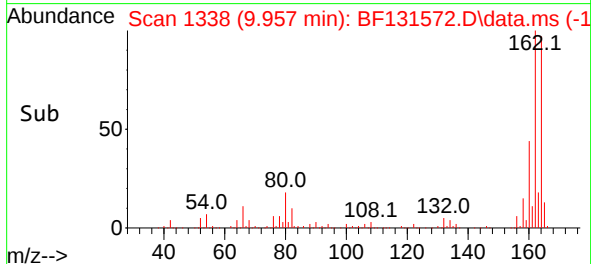
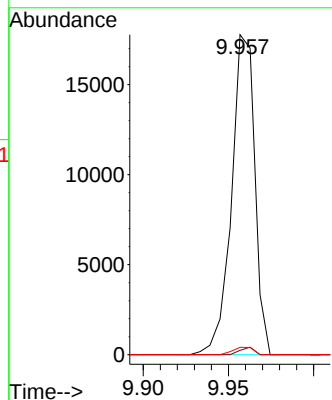
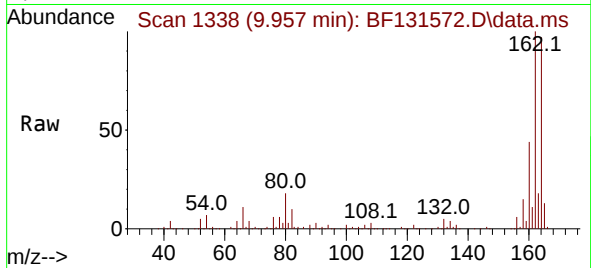




#51
2,6-Dinitrotoluene
Concen: 8.234 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

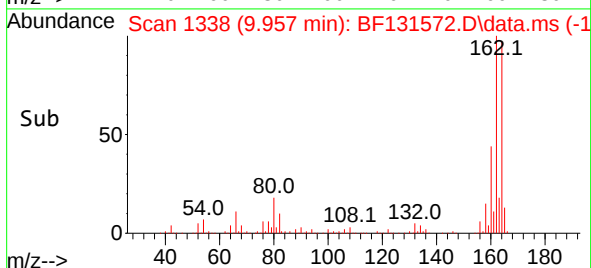
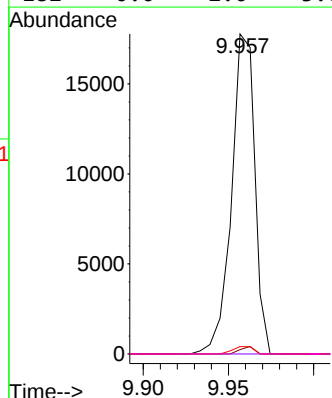
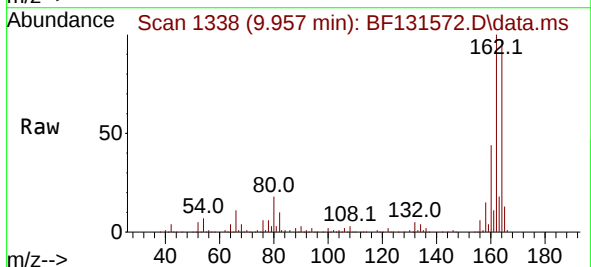
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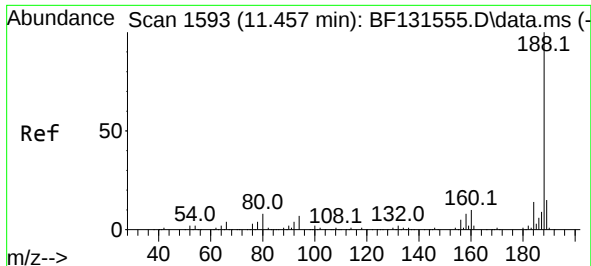
Tgt Ion:165 Resp: 16885
Ion Ratio Lower Upper
165 100
63 1.4 67.9 101.9#
89 2.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.207 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:165 Resp: 16885
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 2.3 69.6 104.4#
182 0.0 2.0 3.0#

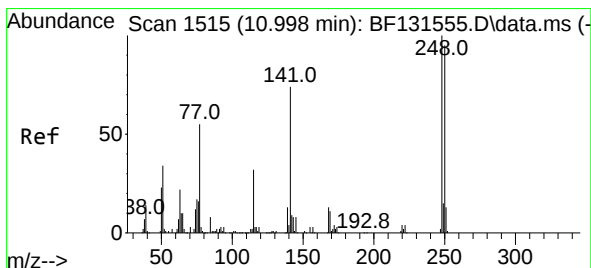
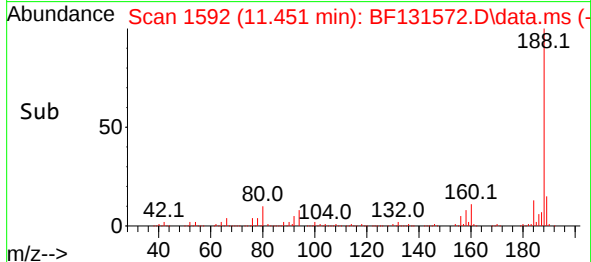
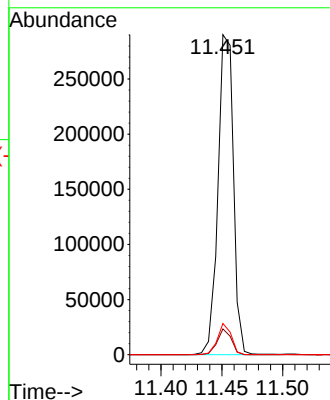
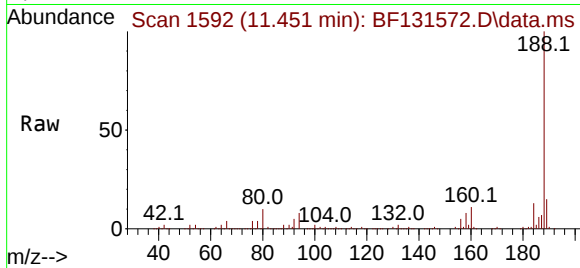




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

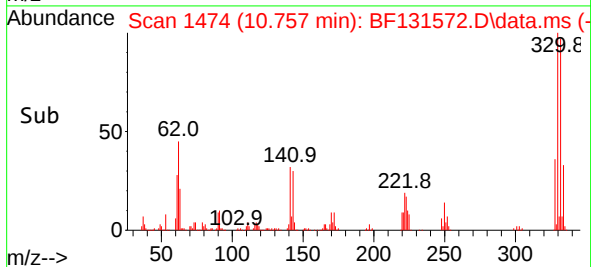
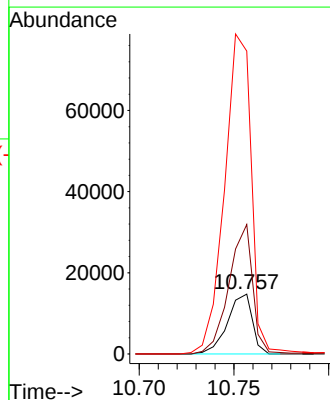
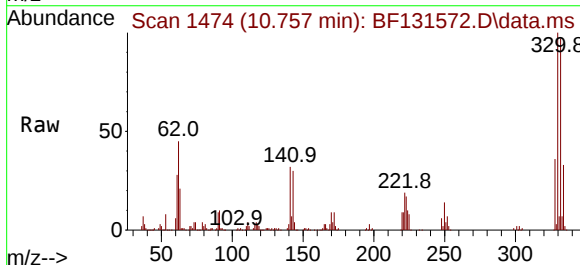
Instrument :
BNA_F
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NYE-SOIL-1208

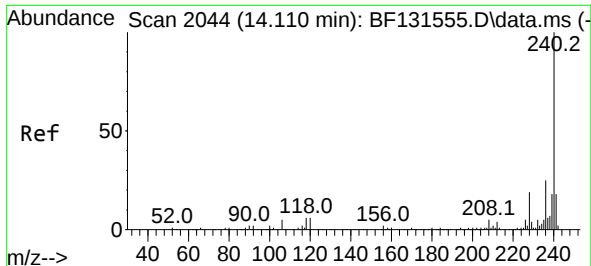
Tgt Ion:188 Resp: 256600
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.8 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.067 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.241 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:248 Resp: 13425
Ion Ratio Lower Upper
248 100
250 216.4 76.2 114.2#
141 506.1 59.5 89.3#

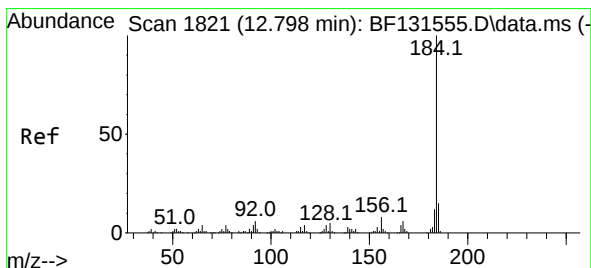
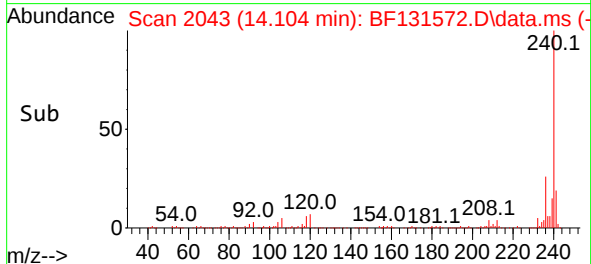
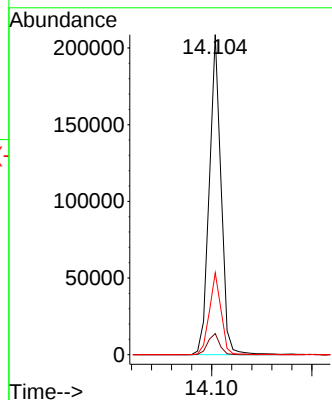
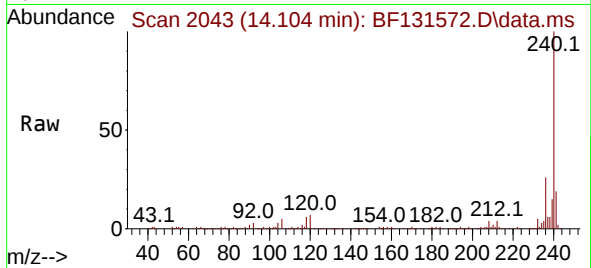




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

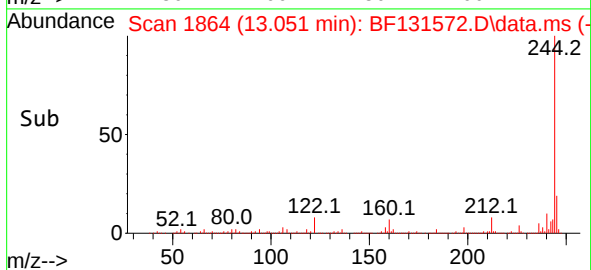
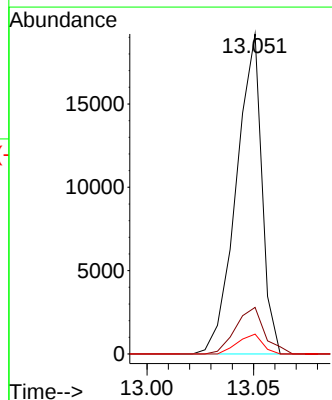
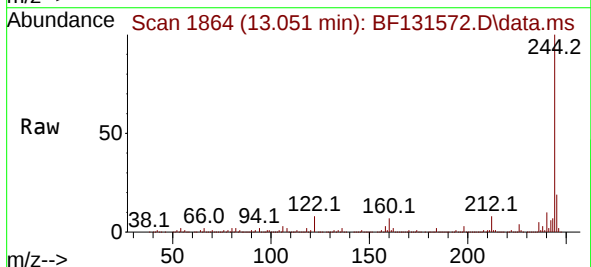
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

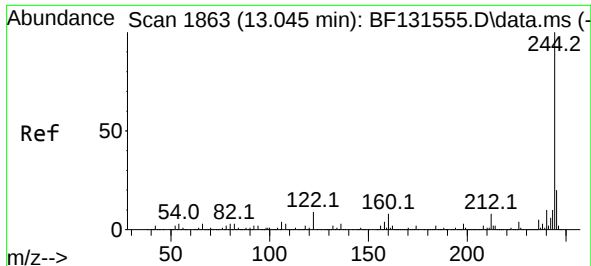
Tgt Ion:240 Resp: 170254
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.6 20.2 30.2



#77
Benzidine
Concen: 3.509 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.253 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:184 Resp: 16005
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 6.2 9.3 13.9#

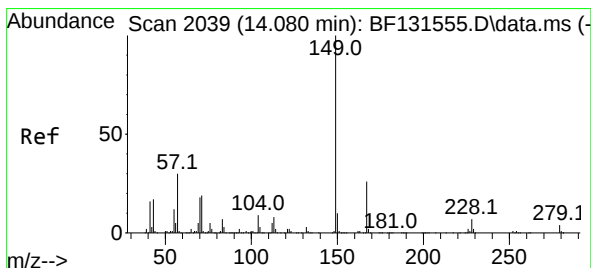
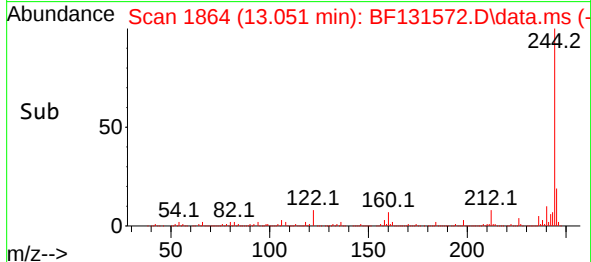
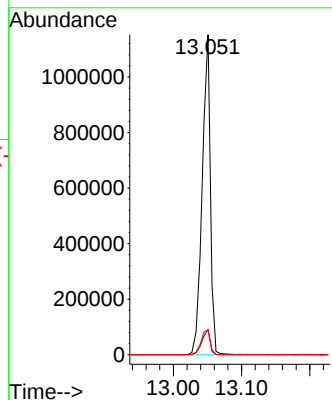
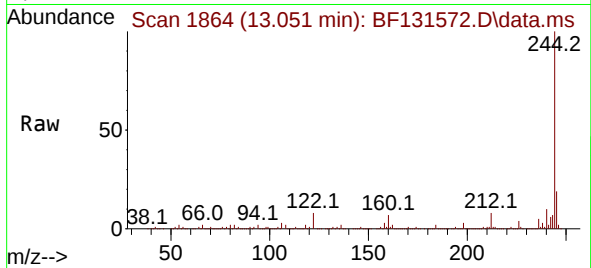




#79
 Terphenyl-d14
 Concen: 77.247 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131572.D
 Acq: 09 Dec 2022 18:09

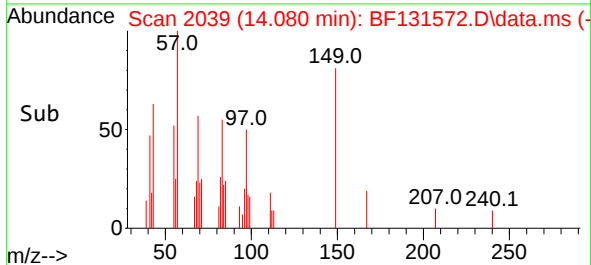
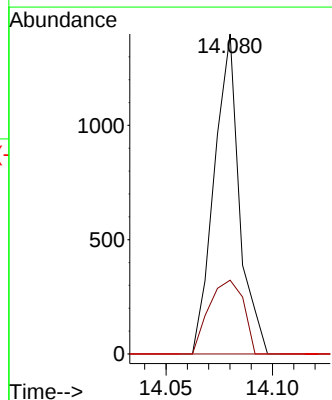
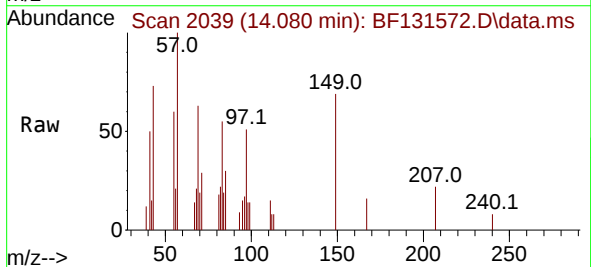
Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208

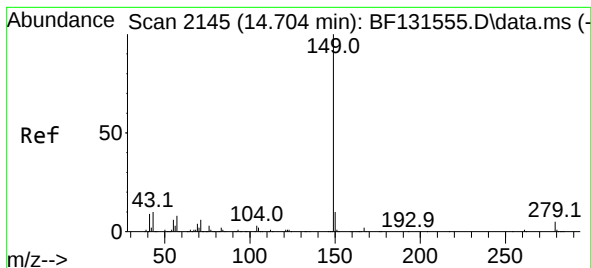
Tgt Ion:244 Resp: 958995
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.195 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131572.D
 Acq: 09 Dec 2022 18:09

Tgt Ion:149 Resp: 1151
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.8 31.2
 279 0.0 3.3 4.9#

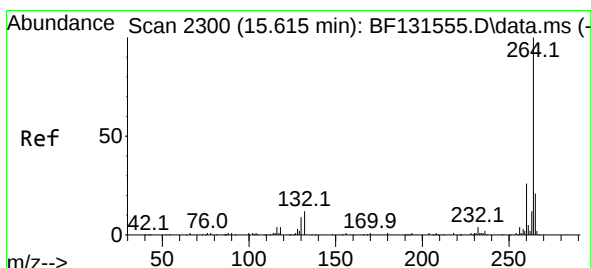
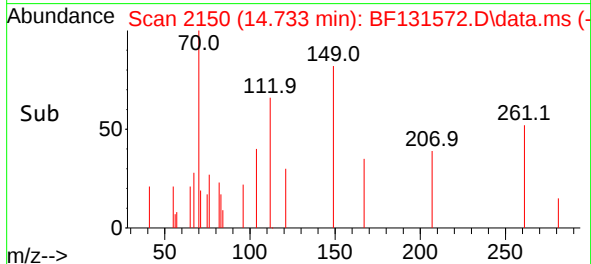
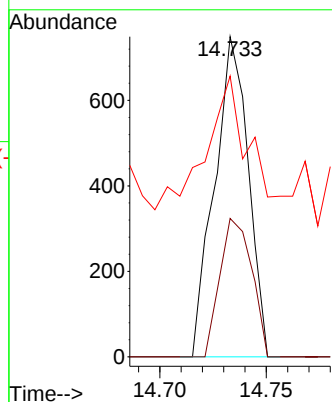
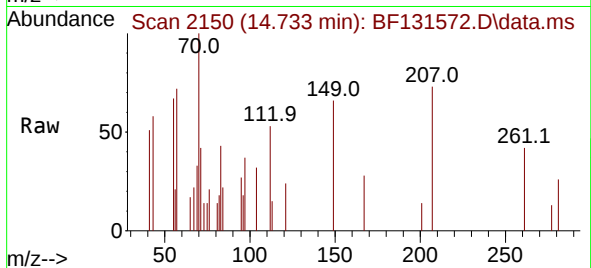




#85
Di-n-octyl phthalate
Concen: 5.287 ng
RT: 14.733 min Scan# 2145
Delta R.T. 0.029 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

Tgt Ion:149 Resp: 823
Ion Ratio Lower Upper
149 100
167 40.8 1.2 1.8#
43 50.4 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:264 Resp: 139035
Ion Ratio Lower Upper
264 100
260 22.1 20.6 30.8
265 20.7 16.8 25.2

