

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131378.D
 Acq On : 24 Nov 2022 00:21
 Operator : CG\JU
 Sample : N5641-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-17

Quant Time: Nov 24 05:59:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

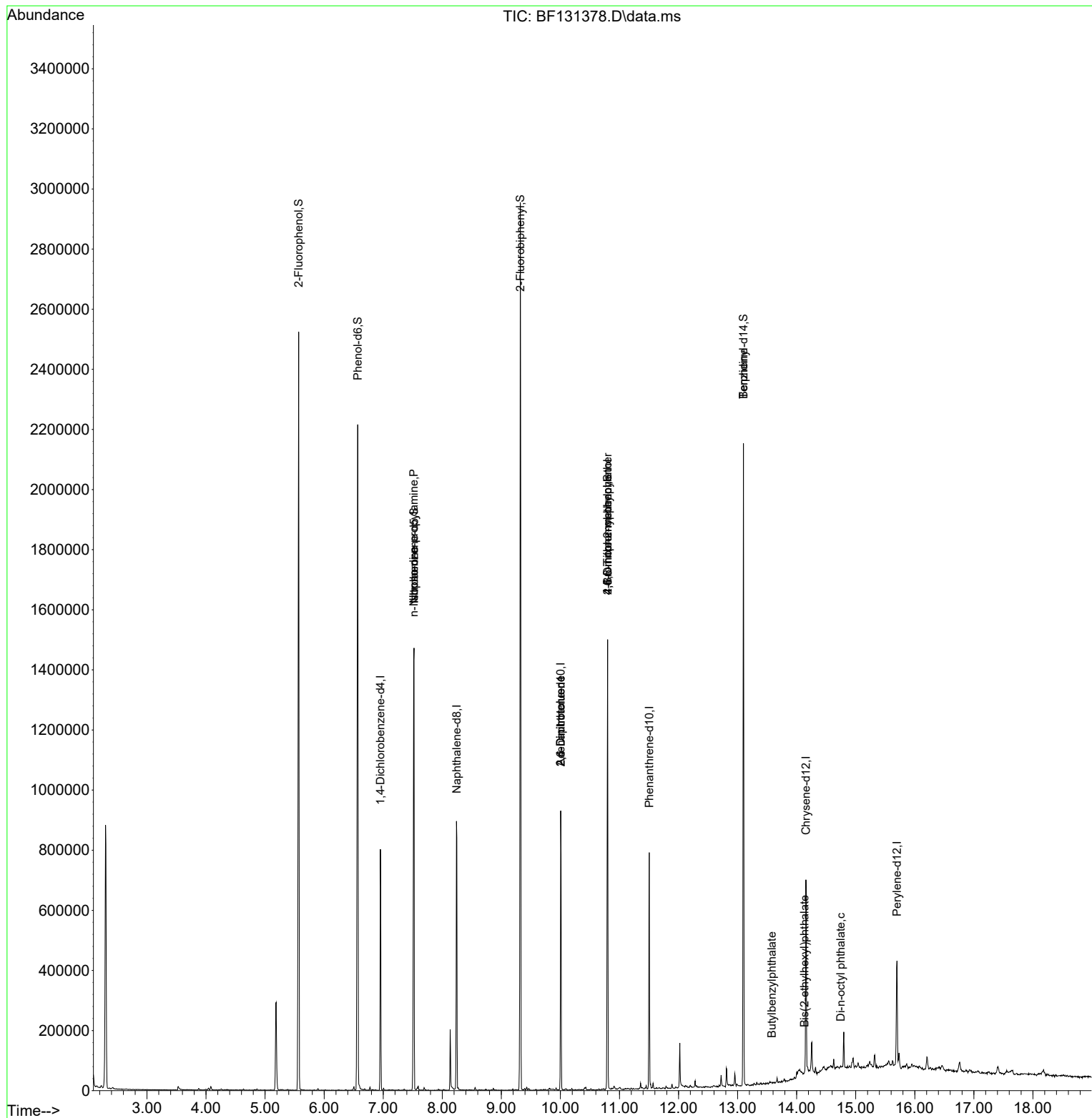
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	113345	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	379998	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	184442	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	268296	20.000	ng	0.00
76) Chrysene-d12	14.157	240	221839	20.000	ng	# 0.00
86) Perylene-d12	15.698	264	170273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	607123	101.944	ng	0.01
7) Phenol-d6	6.569	99	738430	97.181	ng	0.00
23) Nitrobenzene-d5	7.522	82	483200	64.099	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	146845	94.633	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	825315	65.098	ng	0.00
79) Terphenyl-d14	13.098	244	695764	51.288	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	54	Below Cal	#	13
19) n-Nitroso-di-n-propyla...	7.516	70	66030	11.871	ng	# 74
25) Isophorone	7.522	82	481437	35.797	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	23496	9.143	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	23496	7.266	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	405	4.968	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	10146	3.085	ng	# 1
77) Benzidine	13.098	184	9335	2.278	ng	# 95
80) Butylbenzylphthalate	13.580	149	537	4.218	ng	# 68
84) Bis(2-ethylhexyl)phtha...	14.133	149	1841	3.943	ng	# 93
85) Di-n-octyl phthalate	14.745	149	359	3.934	ng	# 70

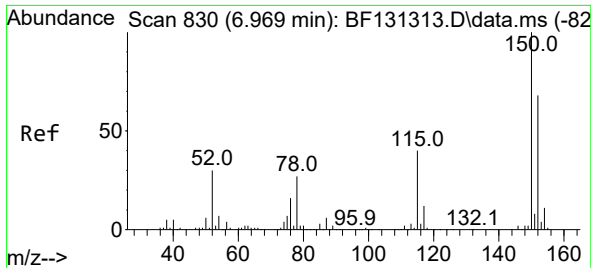
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Quant Time: Nov 24 05:59:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 05:53:32 2022
Response via : Initial Calibration

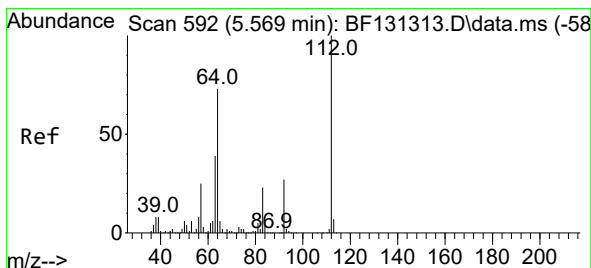
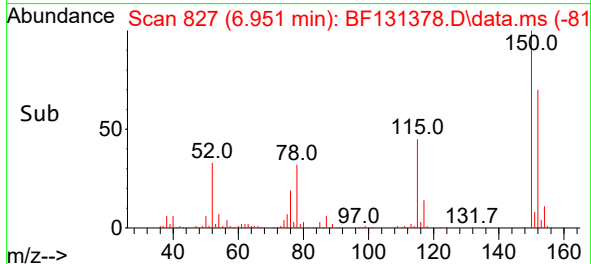
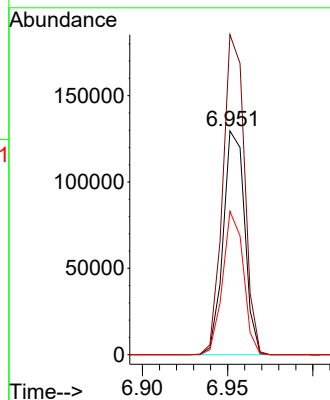
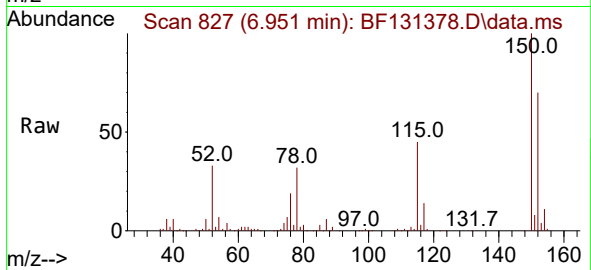




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

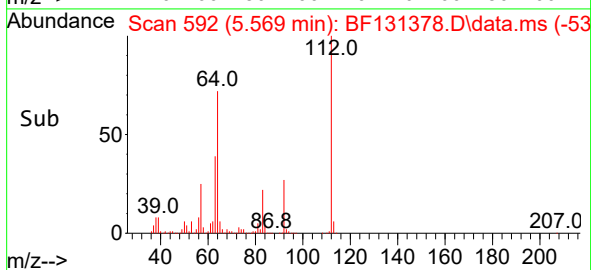
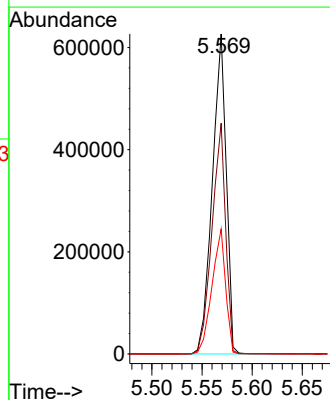
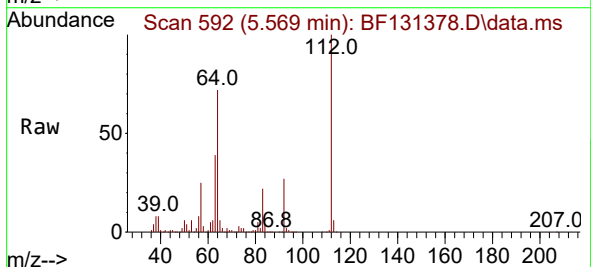
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

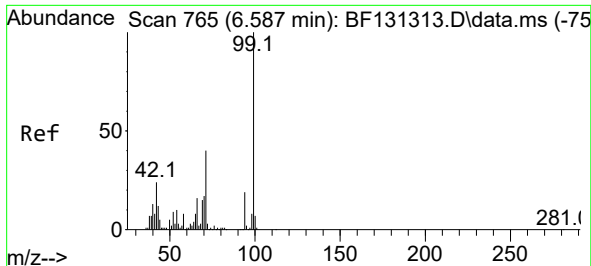
Tgt Ion:152 Resp: 113345
Ion Ratio Lower Upper
152 100
150 143.1 117.8 176.8
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 101.944 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:112 Resp: 607123
Ion Ratio Lower Upper
112 100
64 72.1 58.6 88.0
63 39.1 31.4 47.0

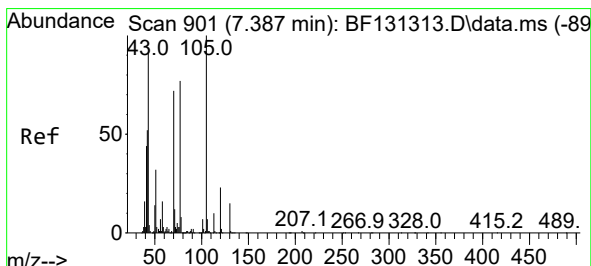
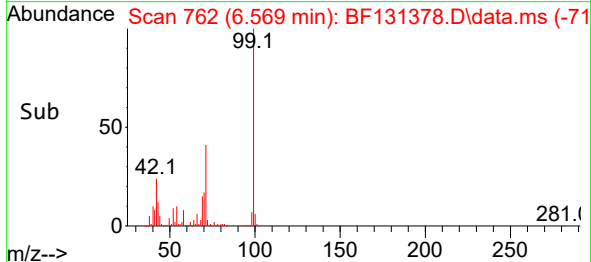
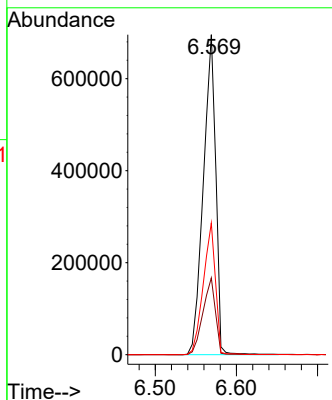
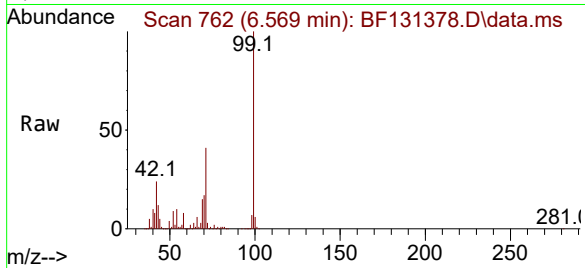




#7
Phenol-d6
Concen: 97.181 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

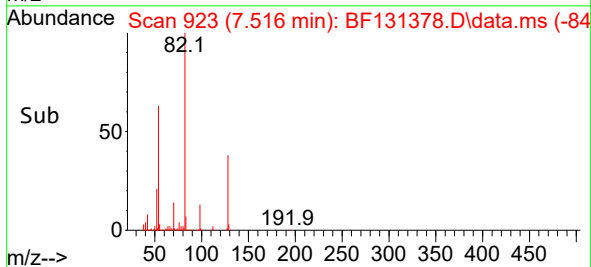
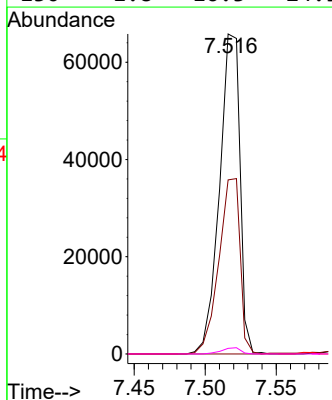
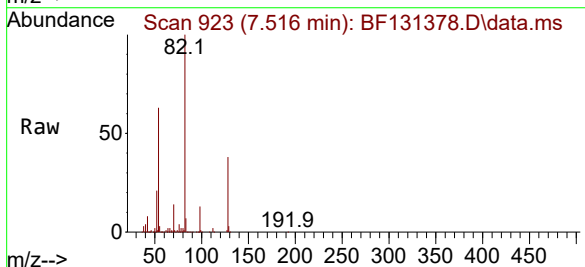
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

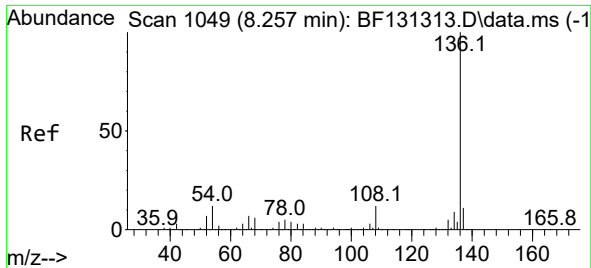
Tgt Ion: 99 Resp: 738430
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 41.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.871 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion: 70 Resp: 66030
Ion Ratio Lower Upper
70 100
42 54.4 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

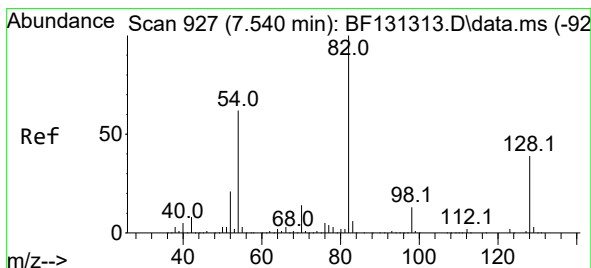
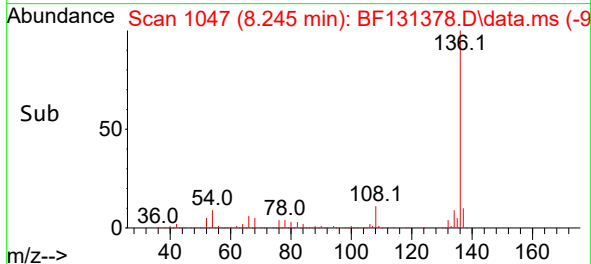
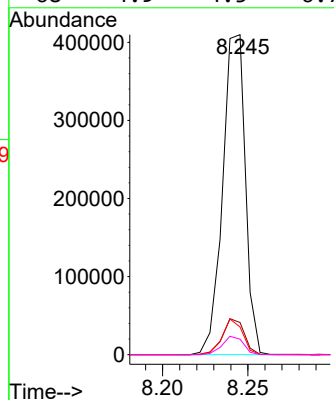
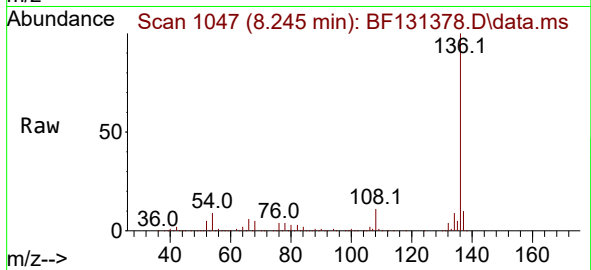




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

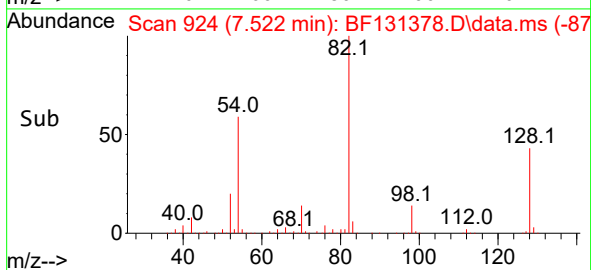
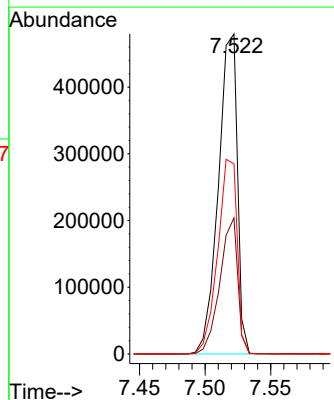
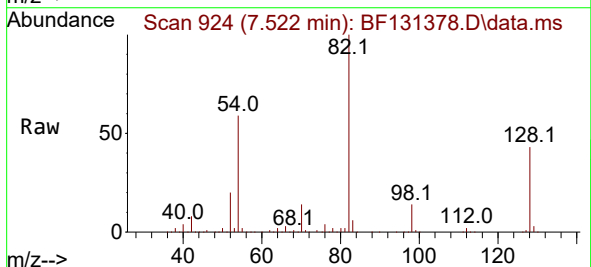
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

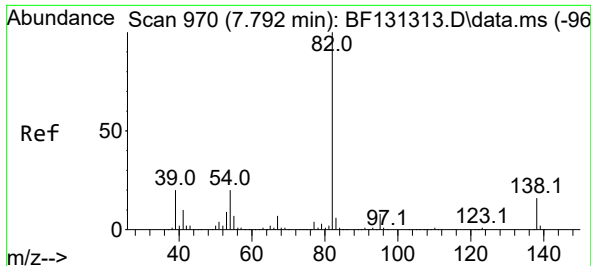
Tgt Ion:136 Resp: 379998
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.6
54 8.6 9.4 14.0#
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 64.099 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion: 82 Resp: 483200
Ion Ratio Lower Upper
82 100
128 42.5 31.4 47.0
54 59.4 49.8 74.6

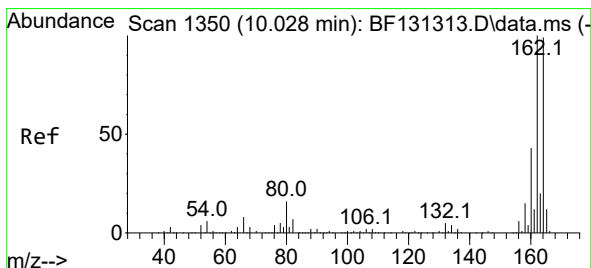
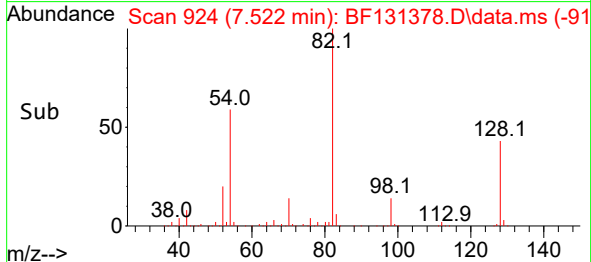
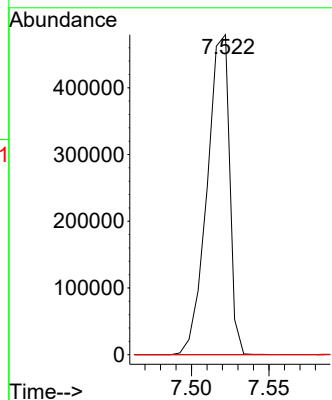
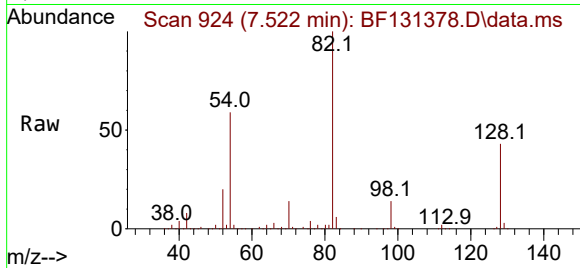




#25
Isophorone
Concen: 35.797 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

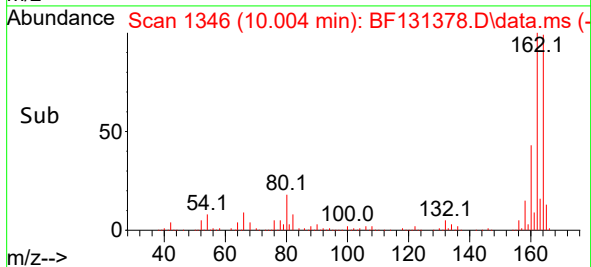
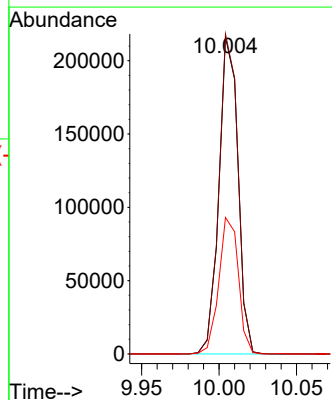
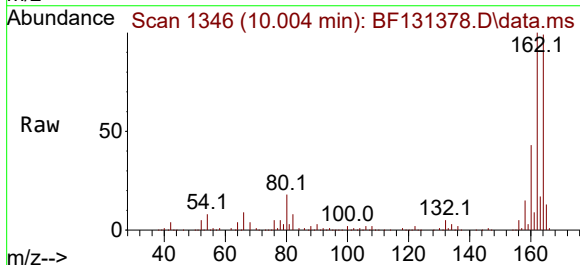
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

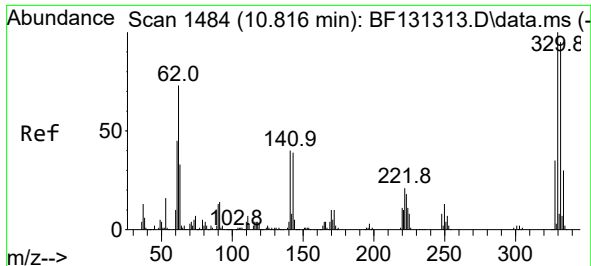
Tgt Ion: 82 Resp: 481437
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:164 Resp: 184442
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 94.633 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-17

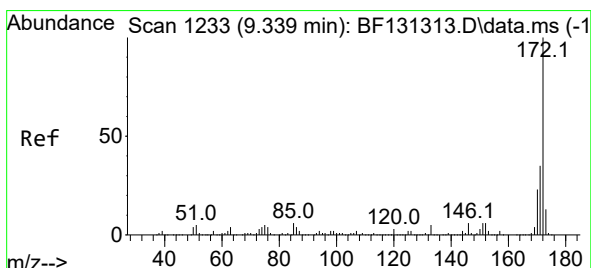
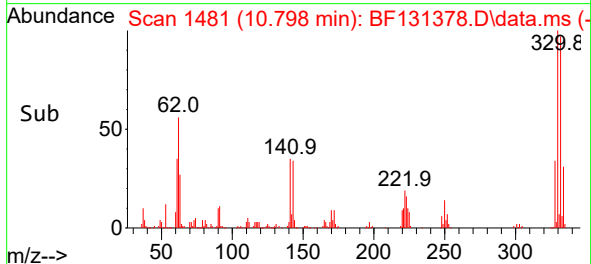
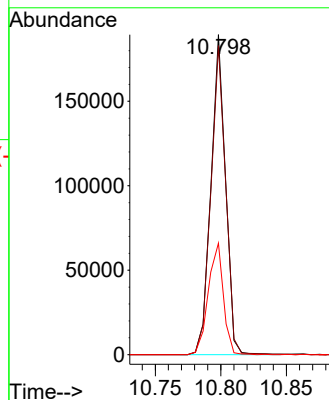
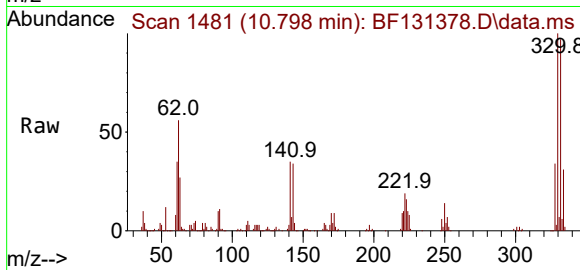
Tgt Ion:330 Resp: 146845

Ion Ratio Lower Upper

330 100

332 98.0 77.5 116.3

141 36.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 65.098 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

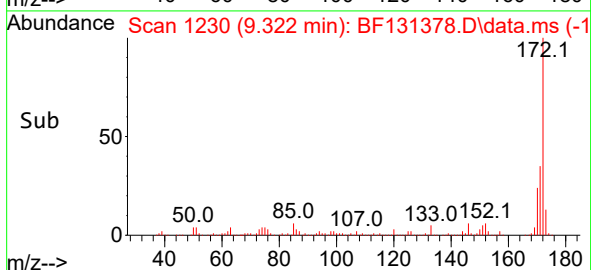
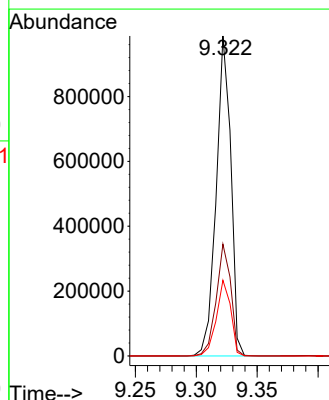
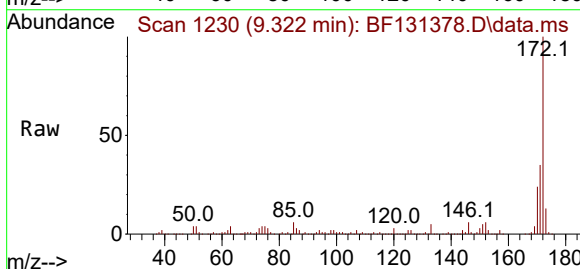
Tgt Ion:172 Resp: 825315

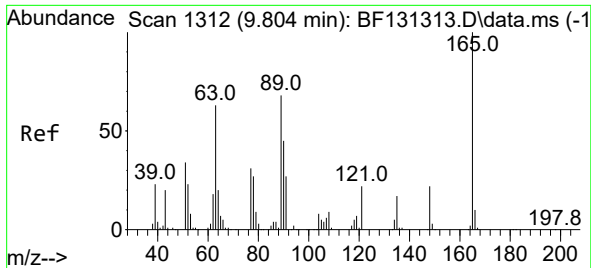
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.6 18.7 28.1

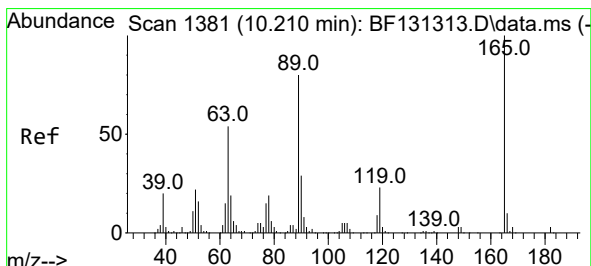
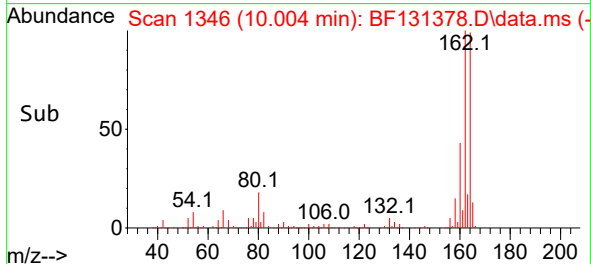
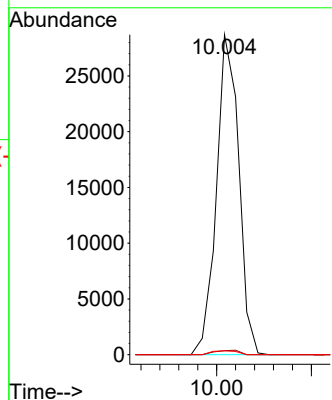
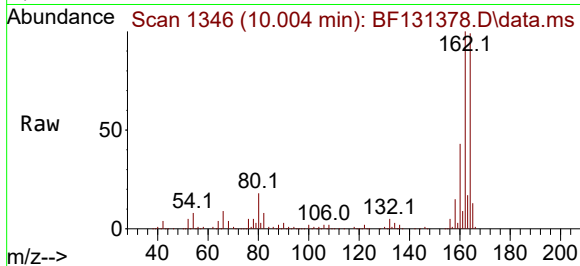




#51
2,6-Dinitrotoluene
Concen: 9.143 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

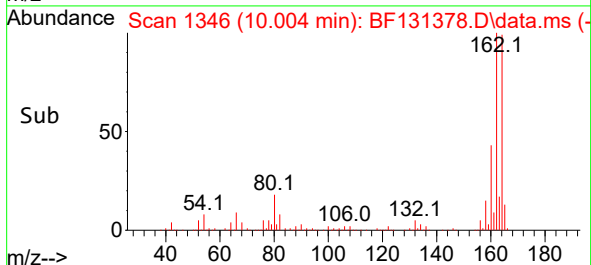
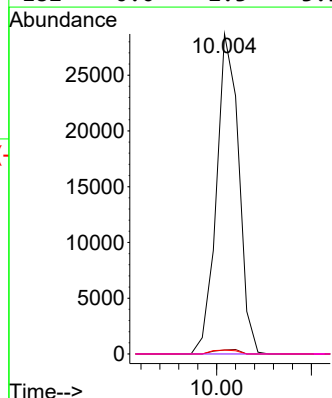
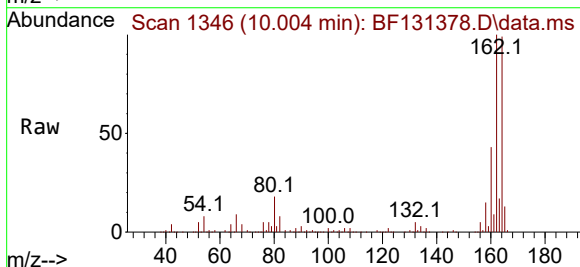
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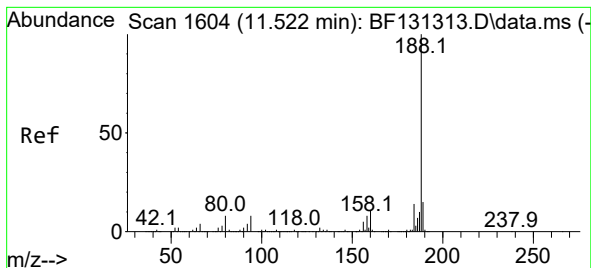
Tgt Ion:165 Resp: 23496
Ion Ratio Lower Upper
165 100
63 1.2 62.0 93.0#
89 1.2 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.266 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:165 Resp: 23496
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.2 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-17

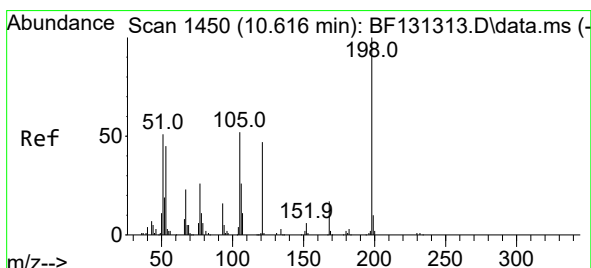
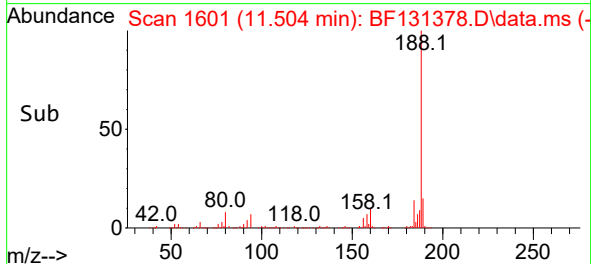
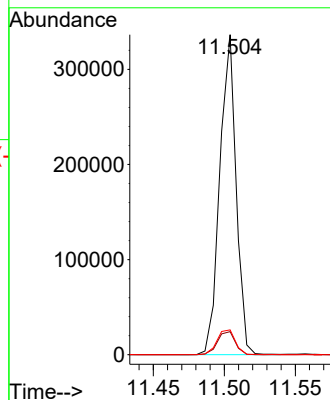
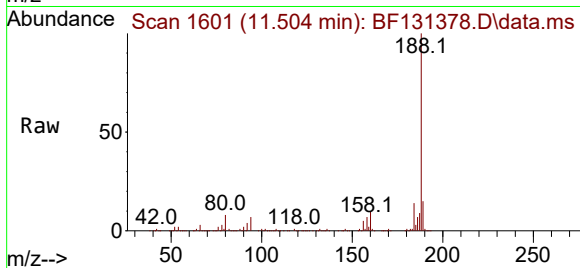
Tgt Ion:188 Resp: 268296

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 7.8 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.968 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

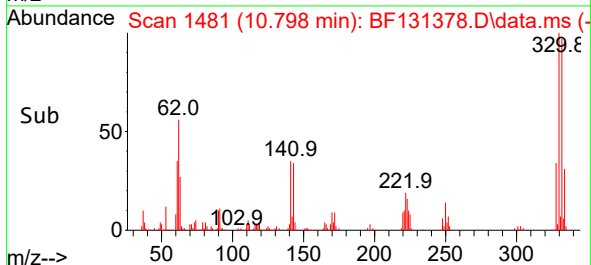
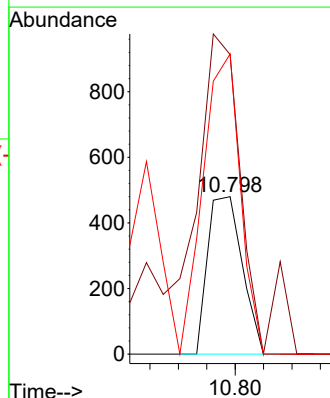
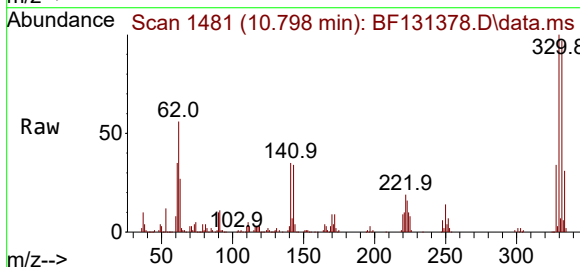
Tgt Ion:198 Resp: 405

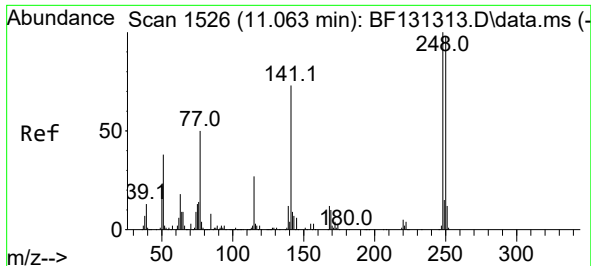
Ion Ratio Lower Upper

198 100

51 190.2 50.1 90.1#

105 190.6 32.5 72.5#

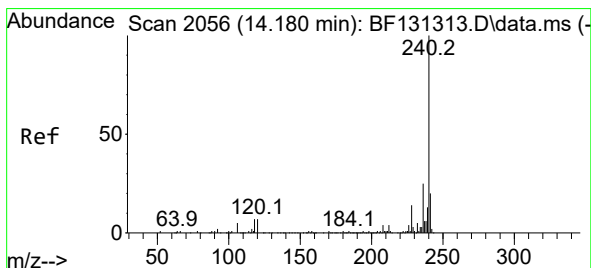
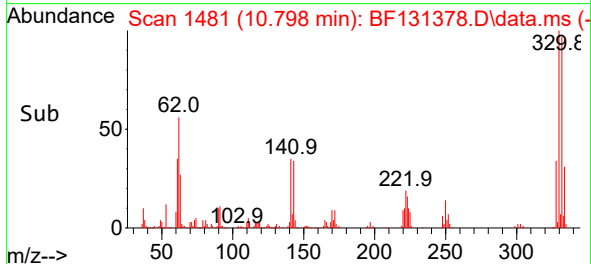
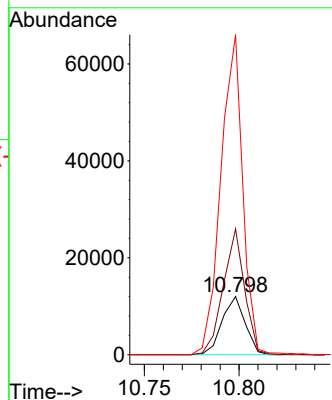
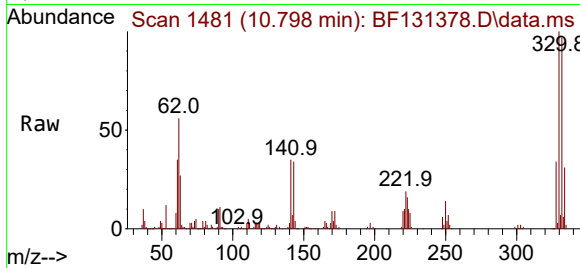




#67
4-Bromophenyl-phenylether
Concen: 3.085 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

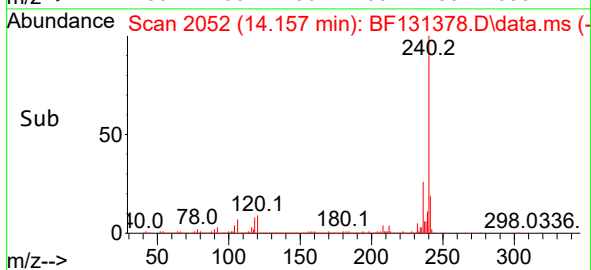
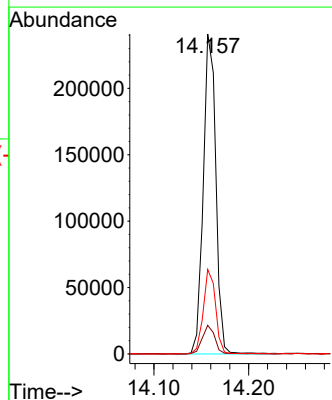
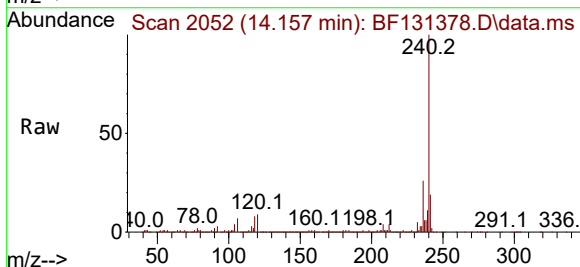
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

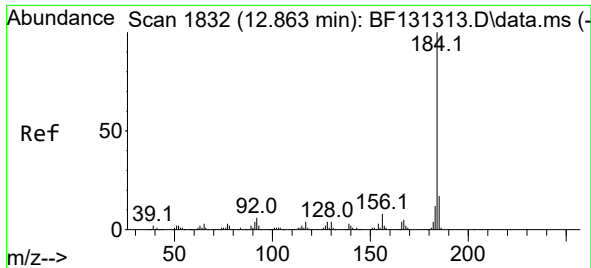
Tgt Ion:248 Resp: 10146
Ion Ratio Lower Upper
248 100
250 216.4 78.3 117.5#
141 550.2 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:240 Resp: 221839
Ion Ratio Lower Upper
240 100
120 9.0 5.8 8.8#
236 26.4 20.3 30.5

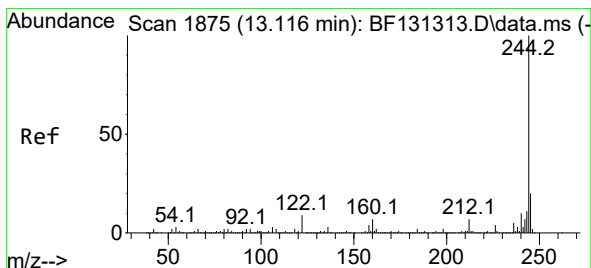
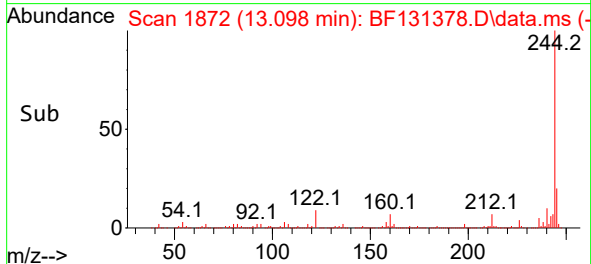
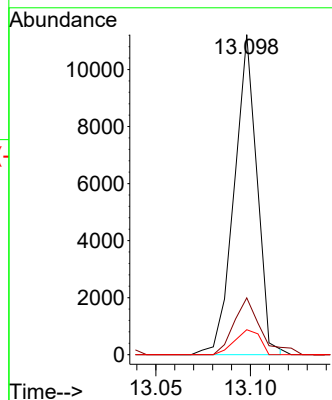
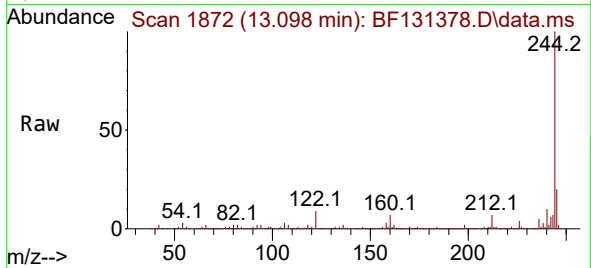




#77
Benzidine
Concen: 2.278 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

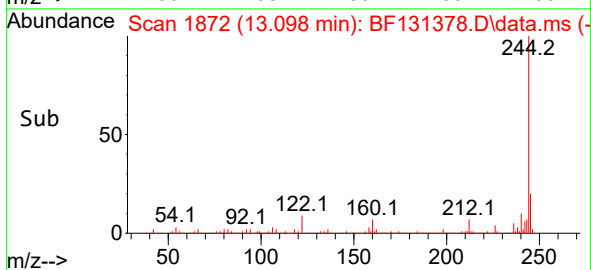
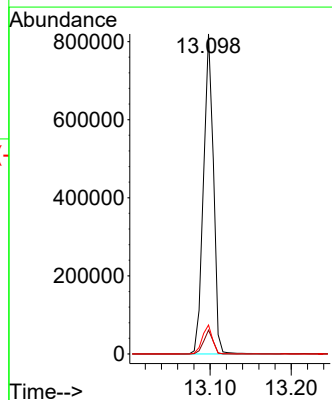
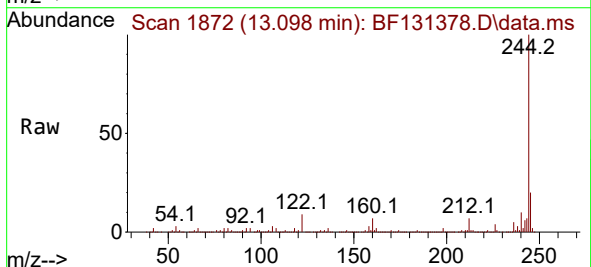
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

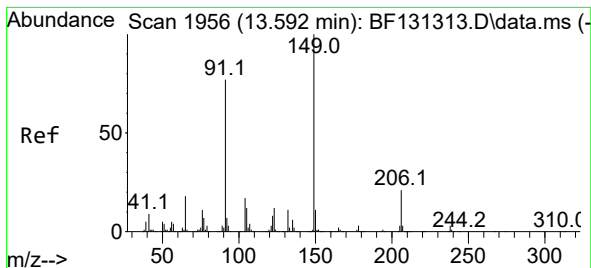
Tgt Ion:184 Resp: 9335
Ion Ratio Lower Upper
184 100
185 17.8 13.8 20.8
183 7.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 51.288 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:244 Resp: 695764
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.1 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.218 ng

RT: 13.580 min Scan# 1956

Delta R.T. 0.006 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-17

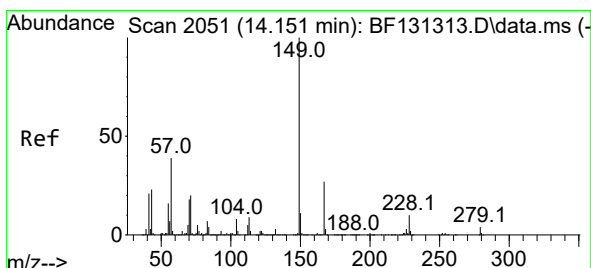
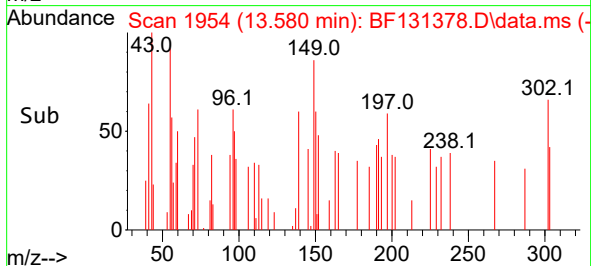
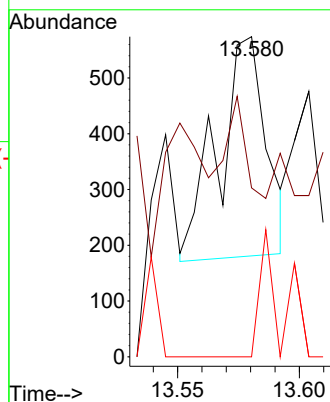
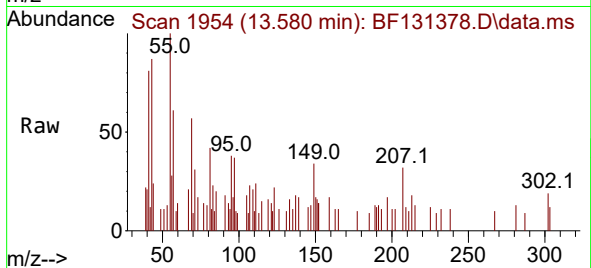
Tgt Ion:149 Resp: 537

Ion Ratio Lower Upper

149 100

91 52.8 61.9 92.9#

206 0.0 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.943 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF131378.D

Acq: 24 Nov 2022 00:21

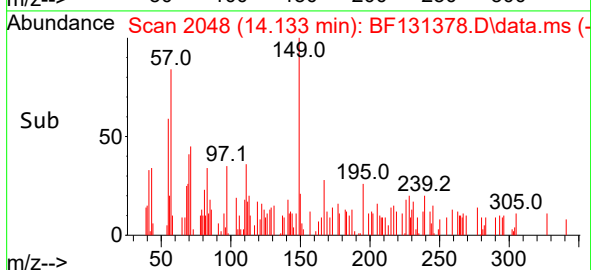
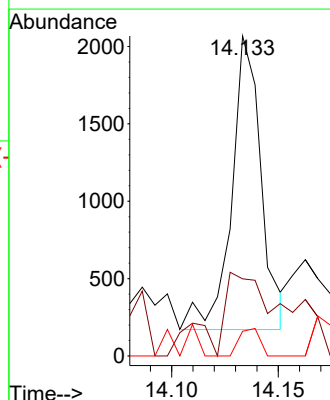
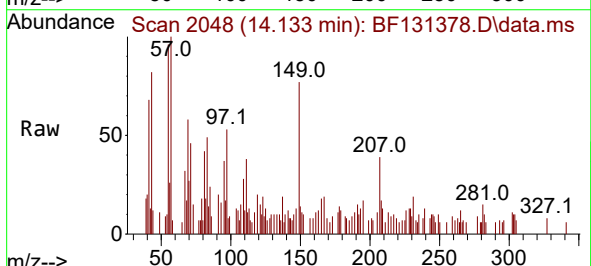
Tgt Ion:149 Resp: 1841

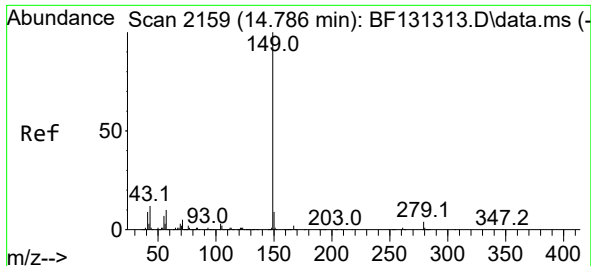
Ion Ratio Lower Upper

149 100

167 24.1 21.9 32.9

279 7.7 3.0 4.4#

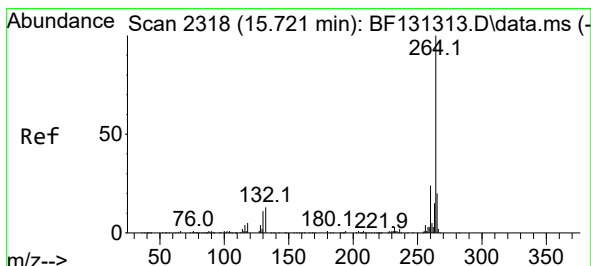
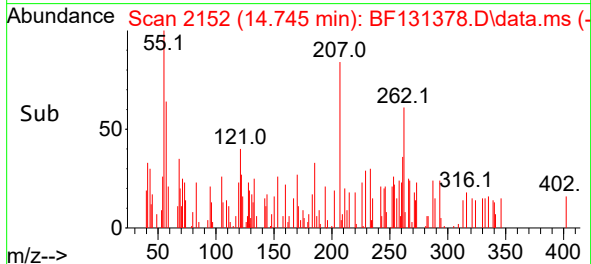
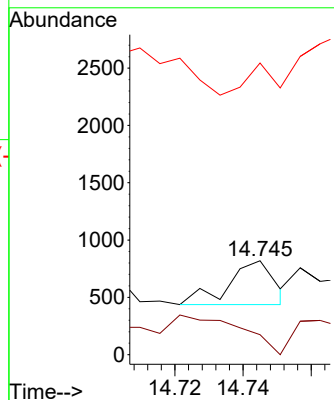
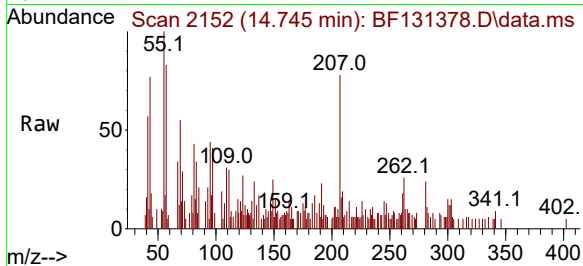




#85
Di-n-octyl phthalate
Concen: 3.934 ng
RT: 14.745 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-17

Tgt Ion:149 Resp: 359
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. 0.006 min
Lab File: BF131378.D
Acq: 24 Nov 2022 00:21

Tgt Ion:264 Resp: 170273
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.5 16.4 24.6

