

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131379.D
 Acq On : 24 Nov 2022 00:52
 Operator : CG\JU
 Sample : N5641-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-13

Quant Time: Nov 24 05:59:29 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)

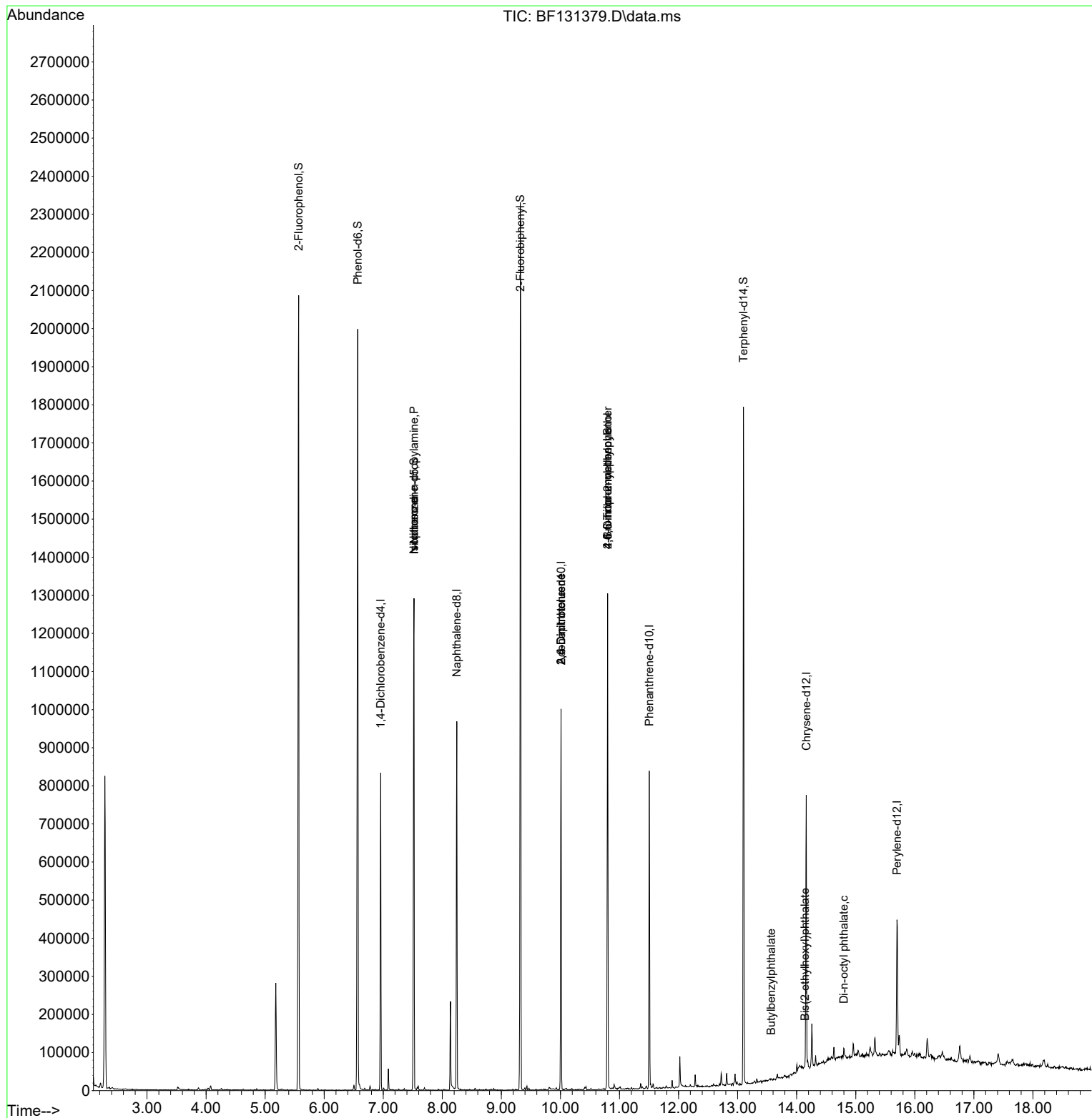
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	111100	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	379592	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	187082	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	285798	20.000	ng	0.00
76) Chrysene-d12	14.162	240	241218	20.000	ng	0.00
86) Perylene-d12	15.698	264	181543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	517809	88.704	ng	0.01
7) Phenol-d6	6.569	99	630990	84.720	ng	0.00
23) Nitrobenzene-d5	7.522	82	409695	54.406	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	131474	83.532	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	700115	54.444	ng	0.00
79) Terphenyl-d14	13.098	244	623894	42.295	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	71	Below Cal		93
19) n-Nitroso-di-n-propyla...	7.522	70	56762	10.411 ng	#	73
25) Isophorone	7.522	82	409393	30.473 ng	#	68
51) 2,6-Dinitrotoluene	10.010	165	24270	9.310 ng	#	15
57) 2,4-Dinitrotoluene	10.010	165	24270	7.400 ng	#	19
65) 4,6-Dinitro-2-methylph...	10.798	198	247	4.799 ng	#	1
67) 4-Bromophenyl-phenylether	10.798	248	9337	2.666 ng	#	1
80) Butylbenzylphthalate	13.568	149	743	4.238 ng	#	89
84) Bis(2-ethylhexyl)phtha...	14.139	149	1509	3.895 ng	#	71
85) Di-n-octyl phthalate	14.798	149	2633	4.125 ng	#	1

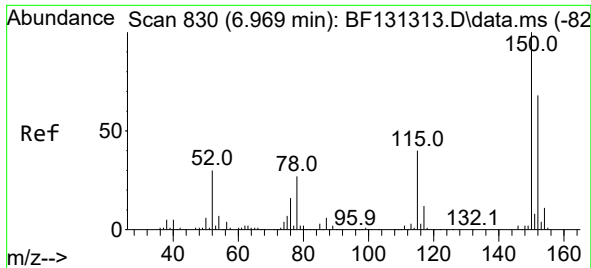
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Quant Time: Nov 24 05:59:29 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

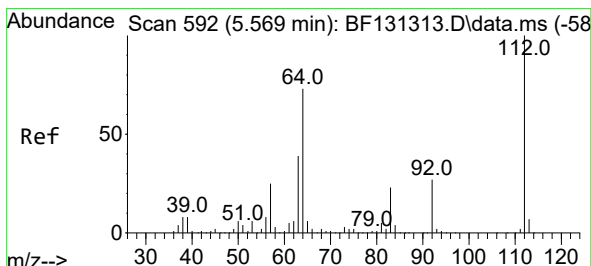
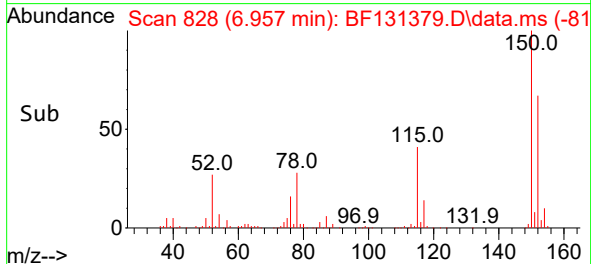
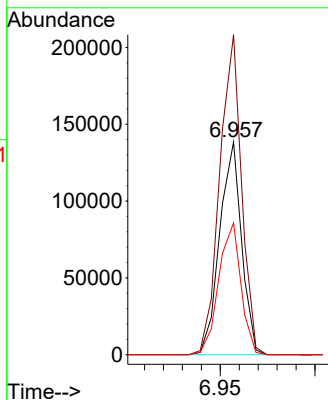
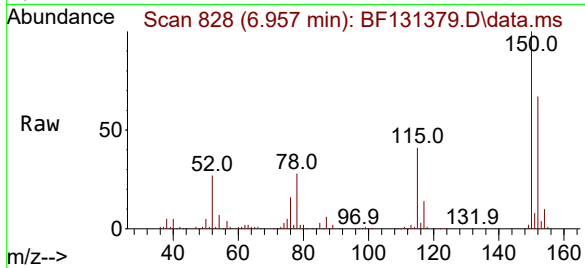




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

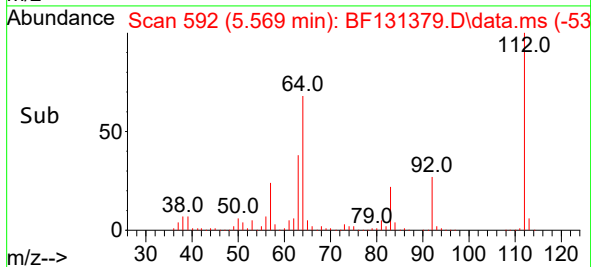
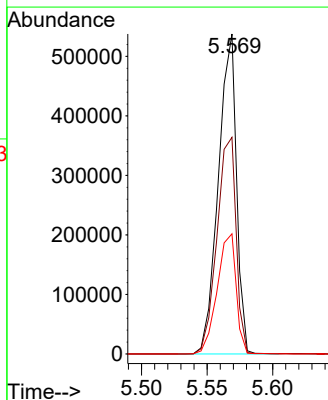
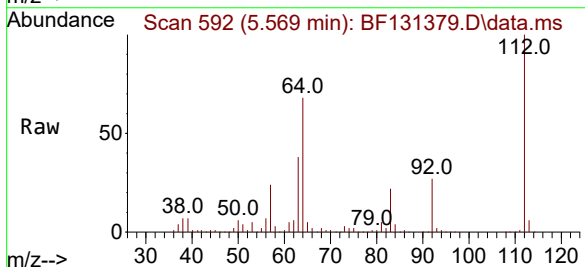
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-13

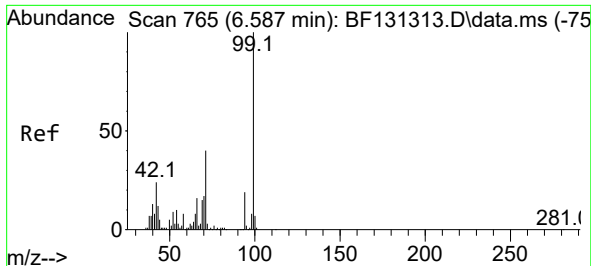
Tgt Ion:152 Resp: 111100
 Ion Ratio Lower Upper
 152 100
 150 150.3 117.8 176.8
 115 62.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 88.704 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

Tgt Ion:112 Resp: 517809
 Ion Ratio Lower Upper
 112 100
 64 67.7 58.6 88.0
 63 37.6 31.4 47.0

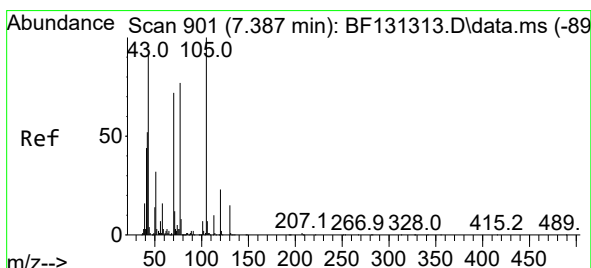
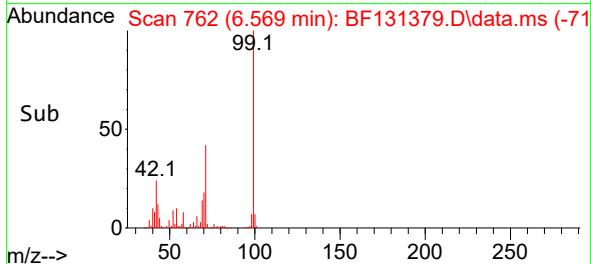
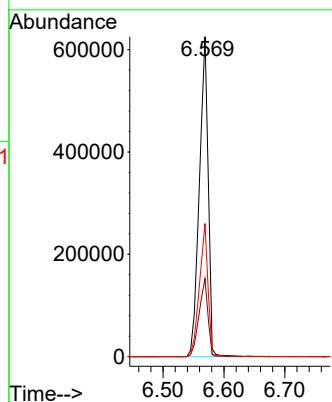
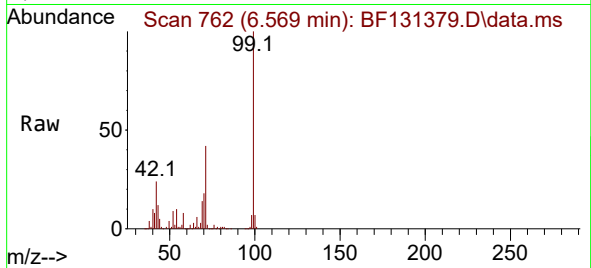




#7
Phenol-d6
Concen: 84.720 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

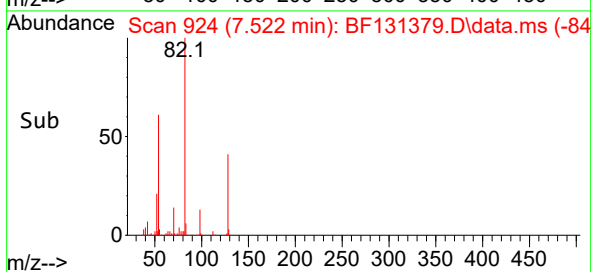
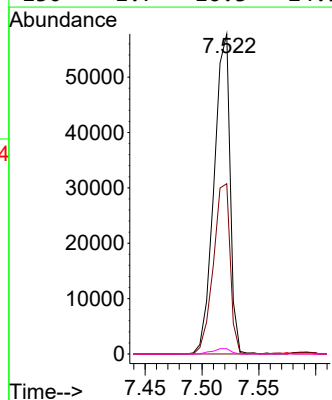
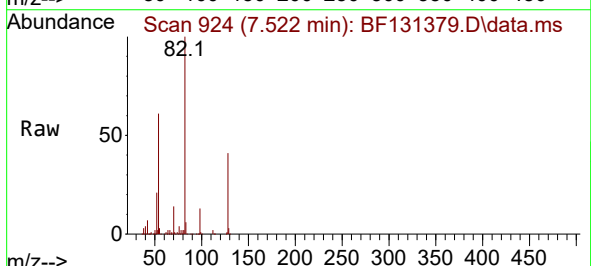
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

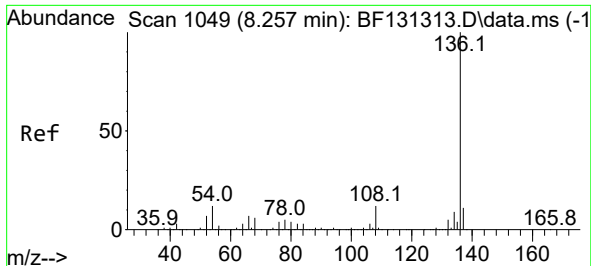
Tgt Ion: 99 Resp: 630990
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.2
71 41.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.411 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.153 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion: 70 Resp: 56762
Ion Ratio Lower Upper
70 100
42 53.2 57.6 86.4#
101 0.0 8.2 12.2#
130 1.7 16.3 24.5#

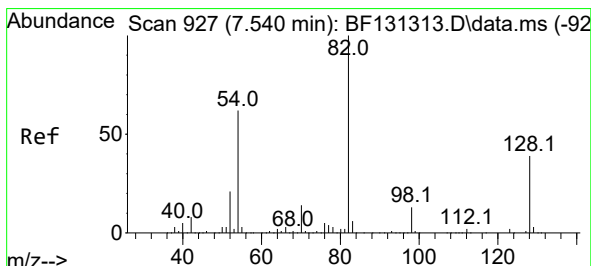
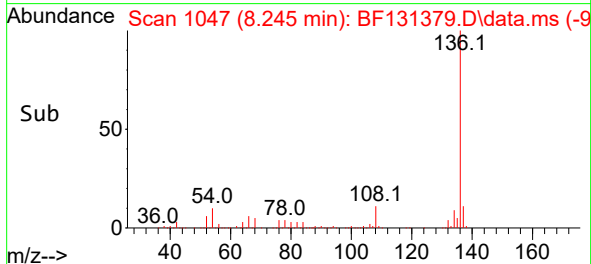
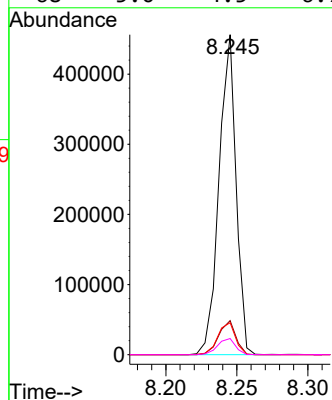
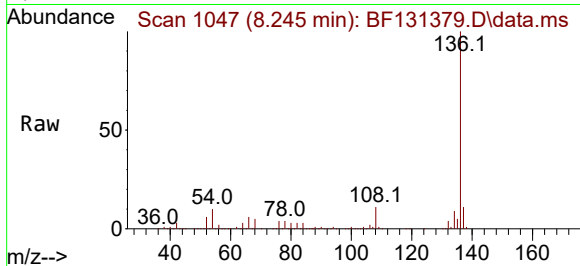




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

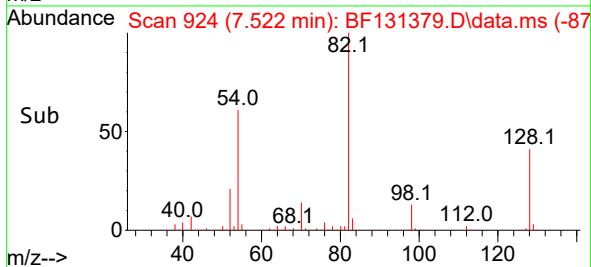
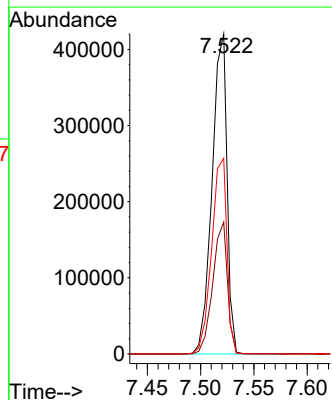
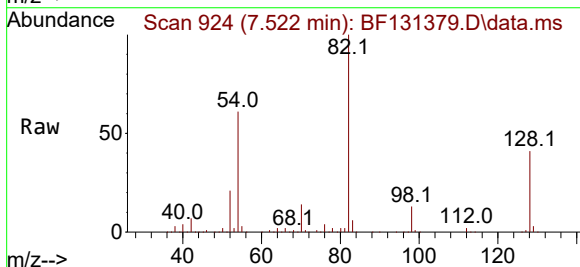
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

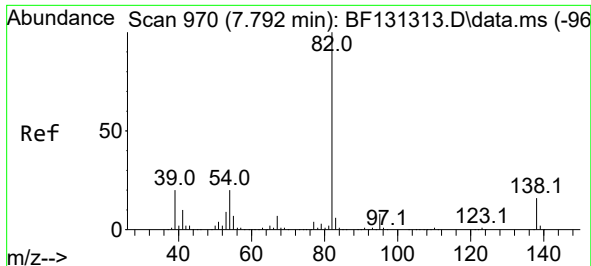
Tgt Ion:136 Resp: 379592
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.0 9.4 14.0
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 54.406 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion: 82 Resp: 409695
Ion Ratio Lower Upper
82 100
128 41.2 31.4 47.0
54 61.2 49.8 74.6

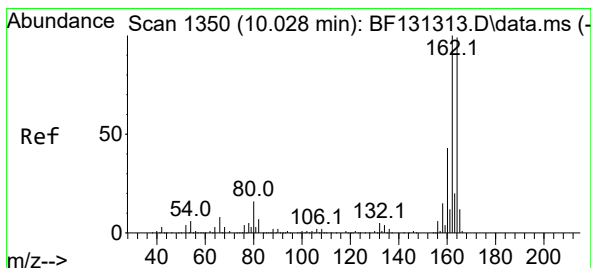
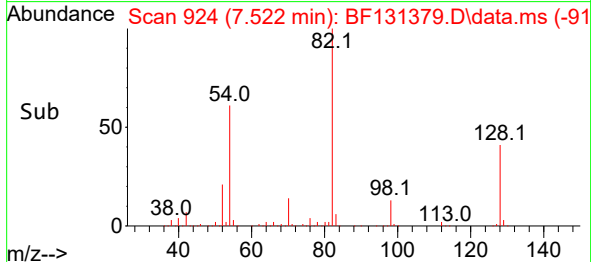
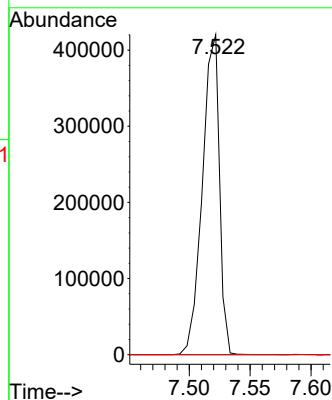
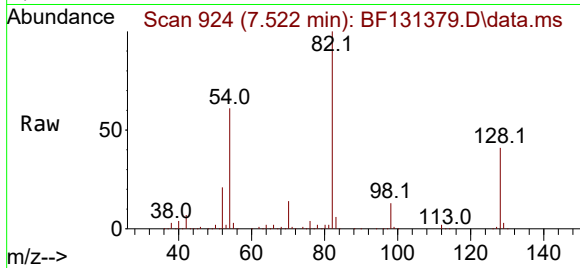




#25
Isophorone
Concen: 30.473 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

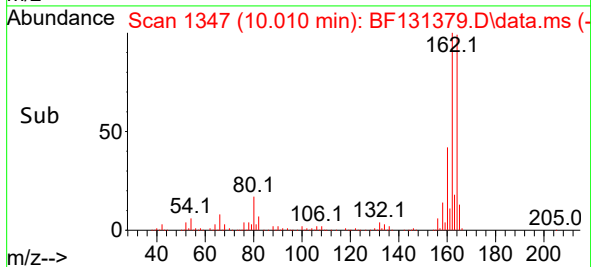
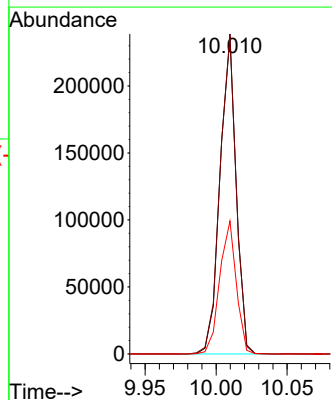
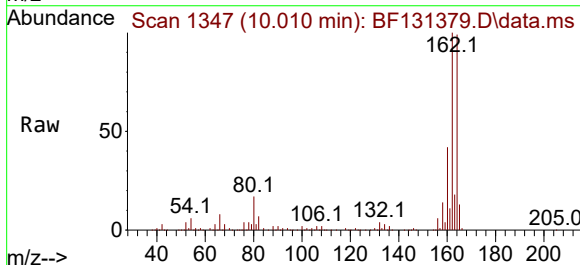
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

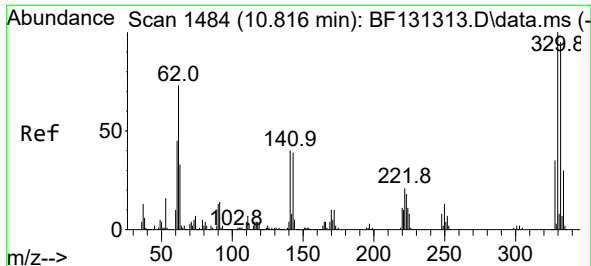
Tgt Ion: 82 Resp: 409393
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion:164 Resp: 187082
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 41.9 34.4 51.6

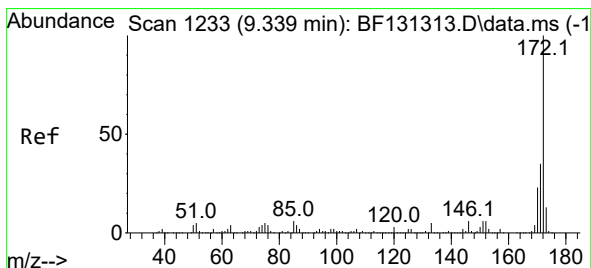
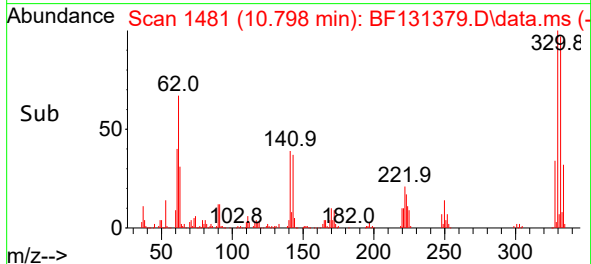
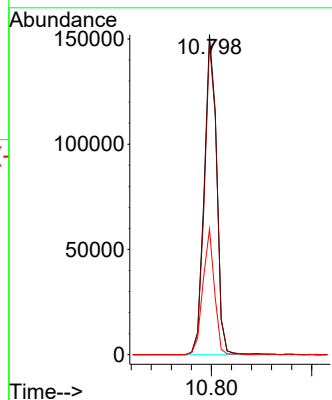
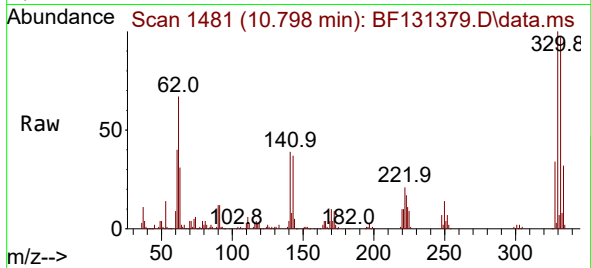




#42
2,4,6-Tribromophenol
Concen: 83.532 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

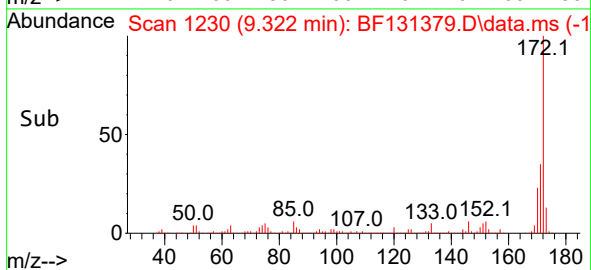
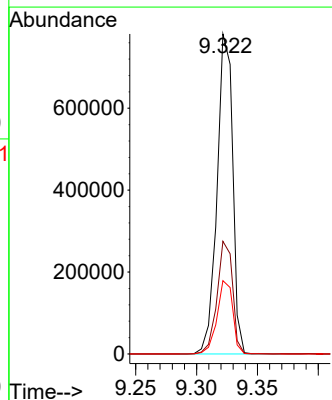
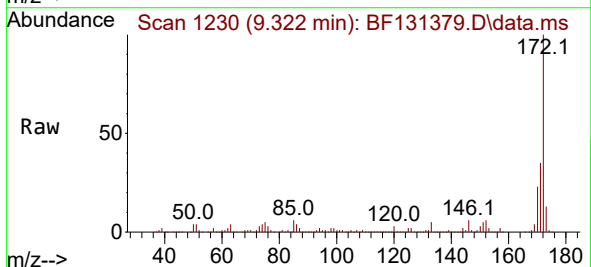
Instrument :
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ClientSampleId :
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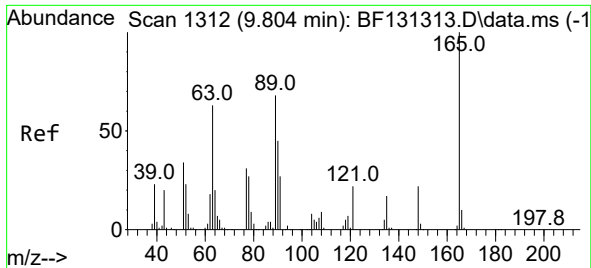
Tgt Ion:330 Resp: 131474
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 36.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 54.444 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion:172 Resp: 700115
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.9 18.7 28.1

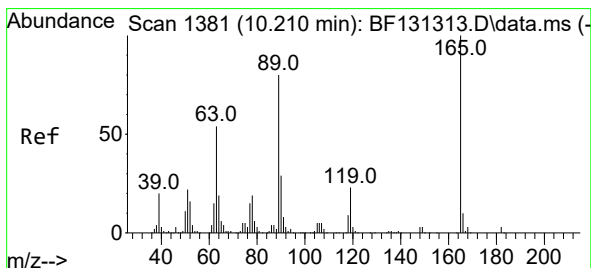
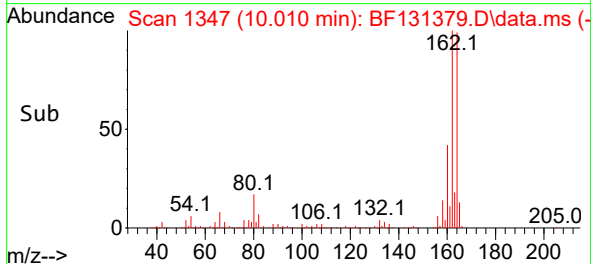
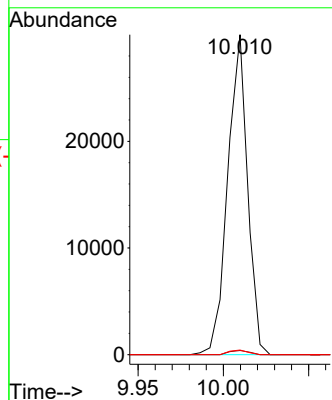
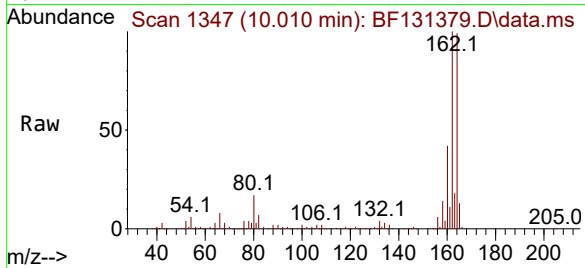




#51
2,6-Dinitrotoluene
Concen: 9.310 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.217 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

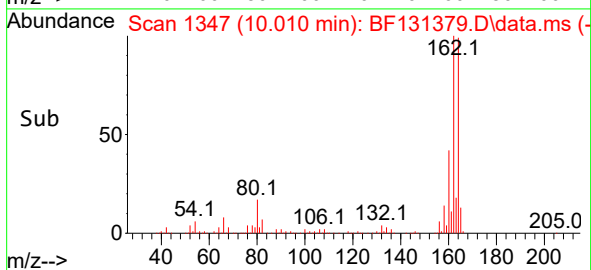
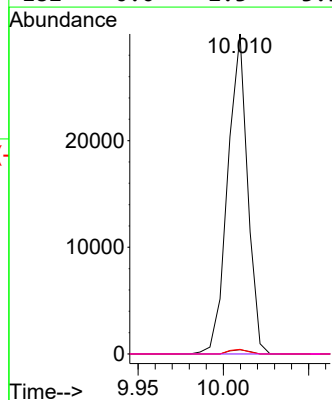
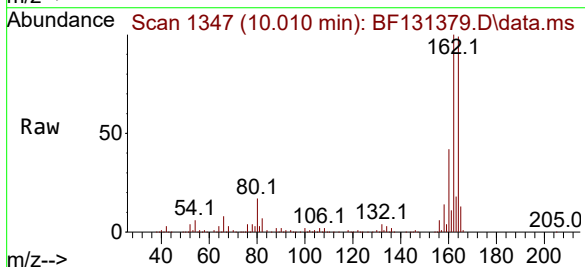
Instrument :
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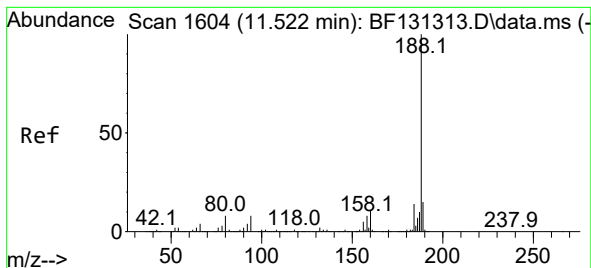
Tgt Ion:165 Resp: 24270
Ion Ratio Lower Upper
165 100
63 1.3 62.0 93.0#
89 1.5 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.400 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.183 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion:165 Resp: 24270
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.5 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: BF131379.D

Acq: 24 Nov 2022 00:52

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-13

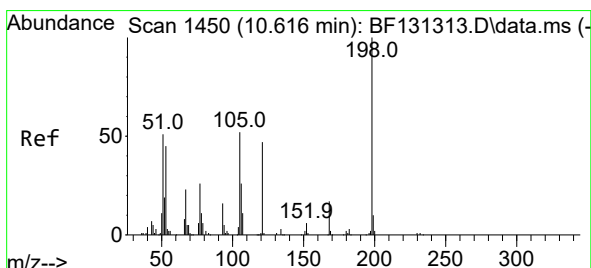
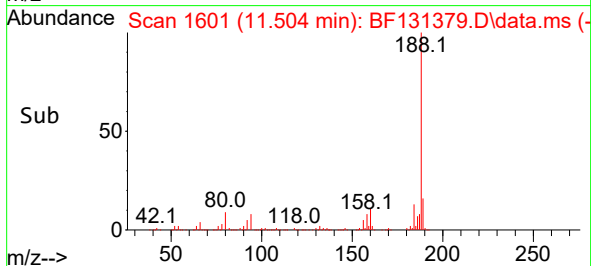
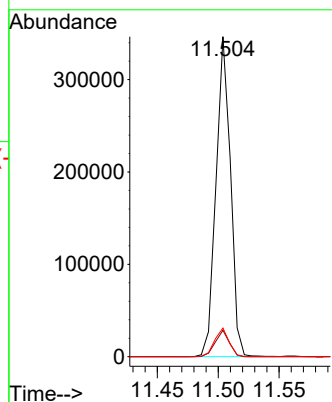
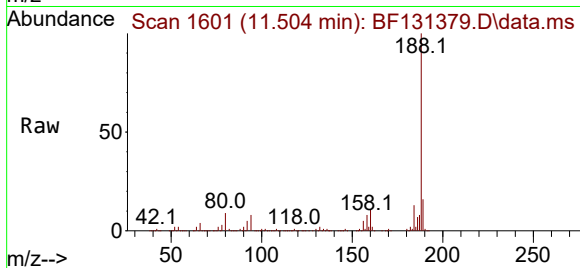
Tgt Ion:188 Resp: 285798

Ion Ratio Lower Upper

188 100

94 8.3 6.3 9.5

80 9.0 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.799 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131379.D

Acq: 24 Nov 2022 00:52

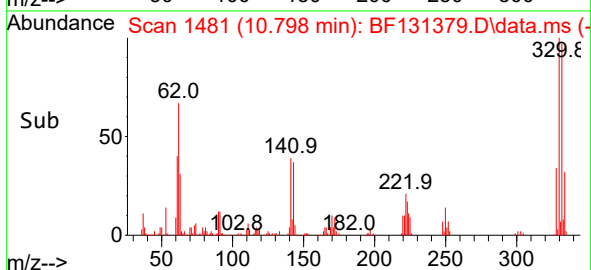
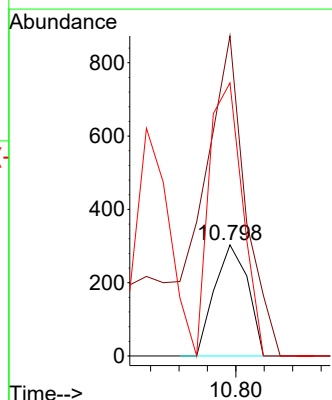
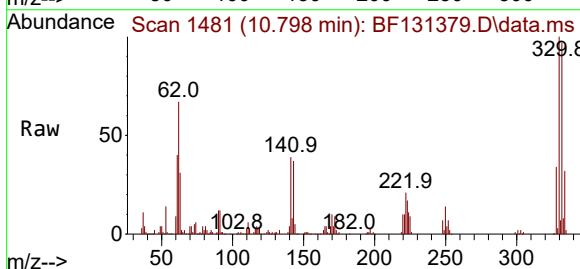
Tgt Ion:198 Resp: 247

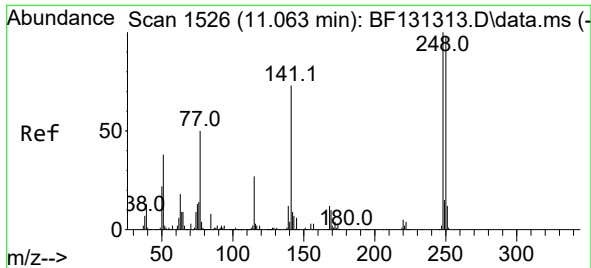
Ion Ratio Lower Upper

198 100

51 288.1 50.1 90.1#

105 245.9 32.5 72.5#

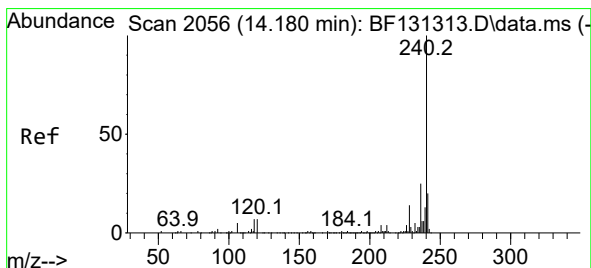
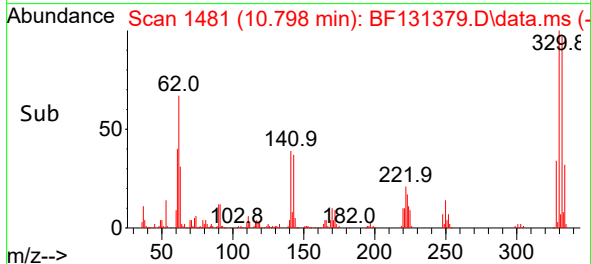
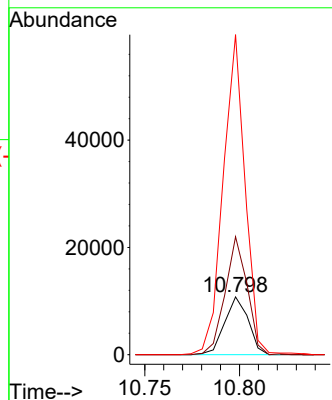
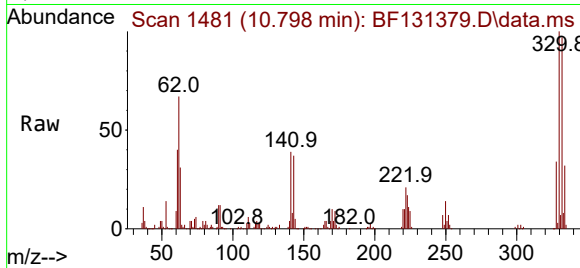




#67
4-Bromophenyl-phenylether
Concen: 2.666 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

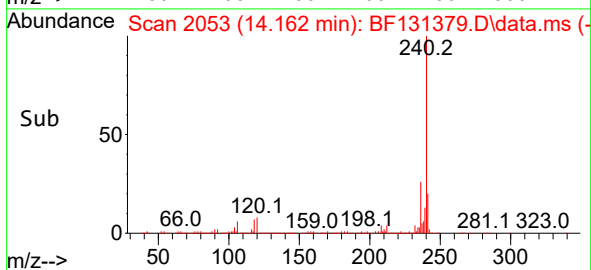
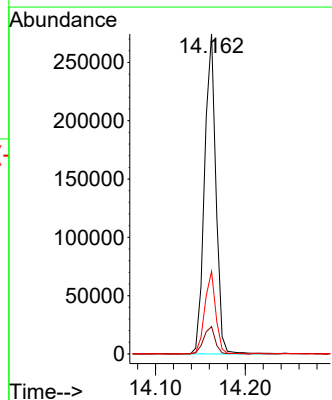
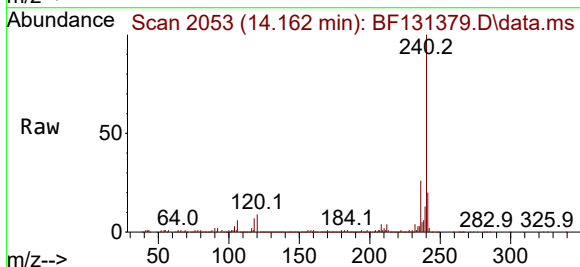
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

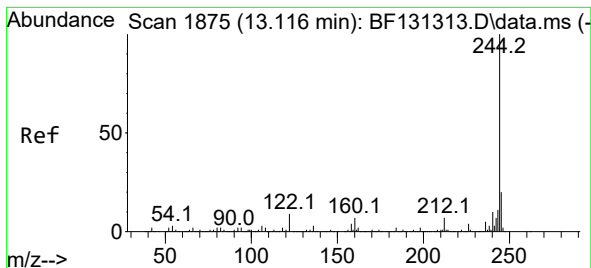
Tgt Ion:248 Resp: 9337
Ion Ratio Lower Upper
248 100
250 204.2 78.3 117.5#
141 554.3 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion:240 Resp: 241218
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 42.295 ng

RT: 13.098 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BF131379.D

Acq: 24 Nov 2022 00:52

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-13

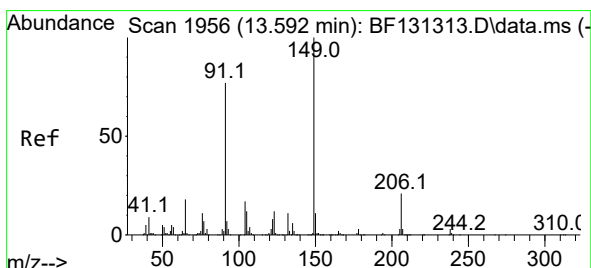
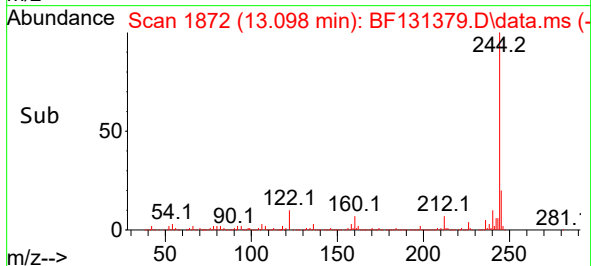
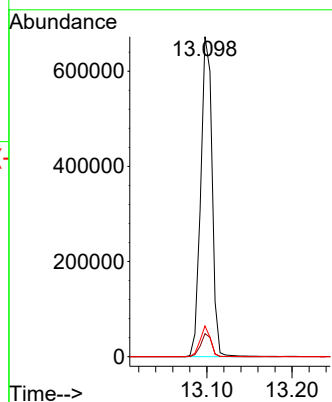
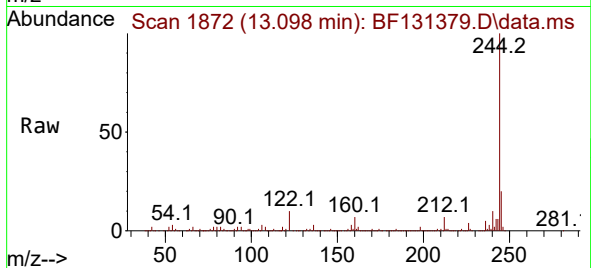
Tgt Ion:244 Resp: 623894

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.6 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.238 ng

RT: 13.568 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BF131379.D

Acq: 24 Nov 2022 00:52

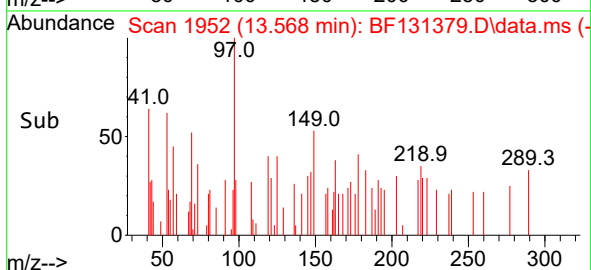
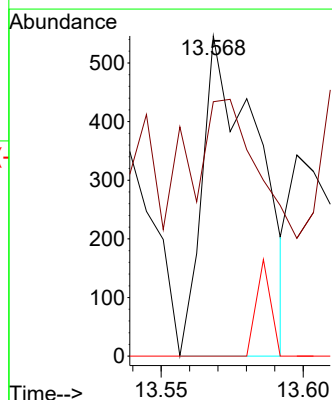
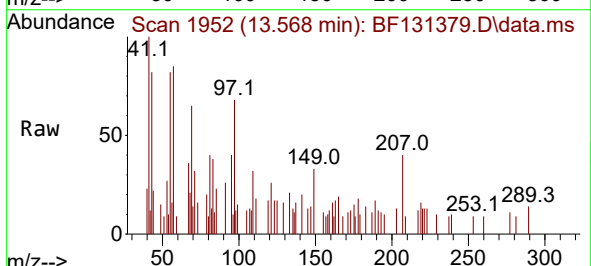
Tgt Ion:149 Resp: 743

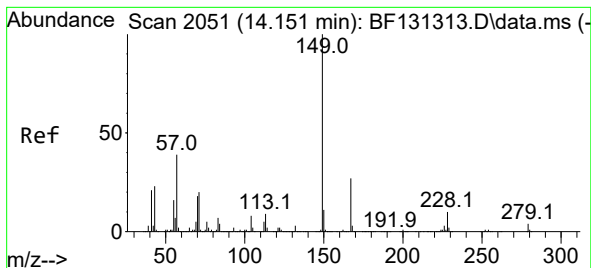
Ion Ratio Lower Upper

149 100

91 79.5 61.9 92.9

206 0.0 16.5 24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.895 ng

RT: 14.139 min Scan# 2049

Delta R.T. 0.006 min

Lab File: BF131379.D

Acq: 24 Nov 2022 00:52

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-13

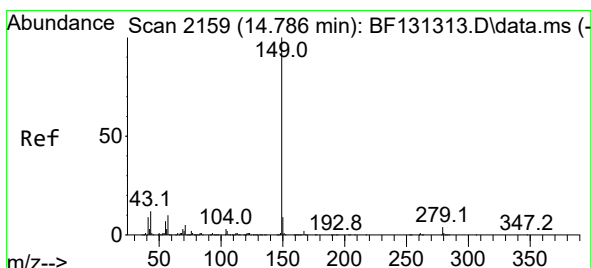
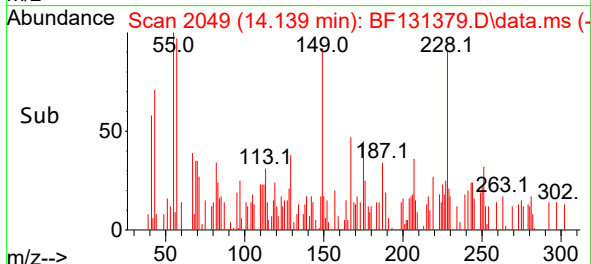
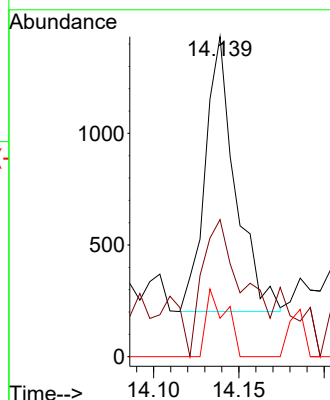
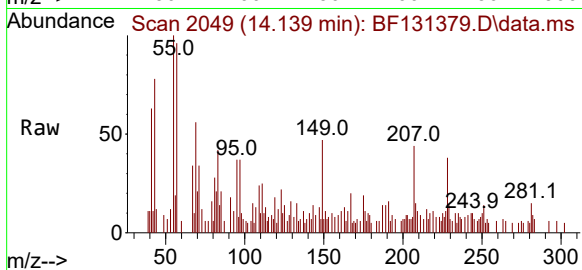
Tgt Ion:149 Resp: 1509

Ion Ratio Lower Upper

149 100

167 42.8 21.9 32.9#

279 12.0 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 4.125 ng

RT: 14.798 min Scan# 2161

Delta R.T. 0.035 min

Lab File: BF131379.D

Acq: 24 Nov 2022 00:52

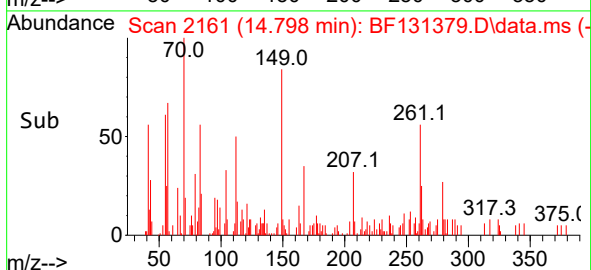
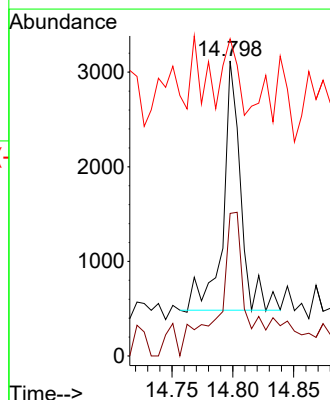
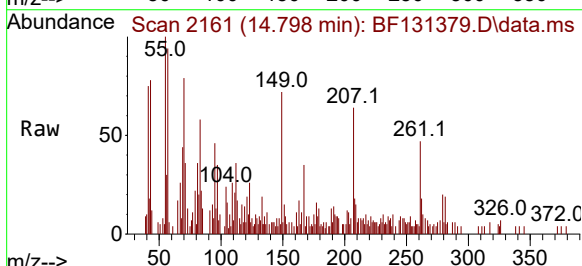
Tgt Ion:149 Resp: 2633

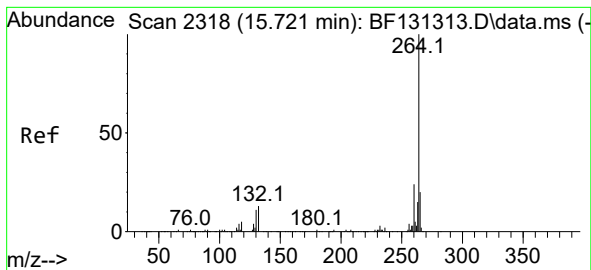
Ion Ratio Lower Upper

149 100

167 88.8 1.2 1.8#

43 47.4 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-13

Tgt Ion:264 Resp: 181543
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.0 16.4 24.6

