

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131360.D
 Acq On : 23 Nov 2022 13:28
 Operator : CG\JU
 Sample : N5641-20RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

Quant Time: Nov 24 05:50:54 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 05:48:25 2022
 Response via : Initial Calibration

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

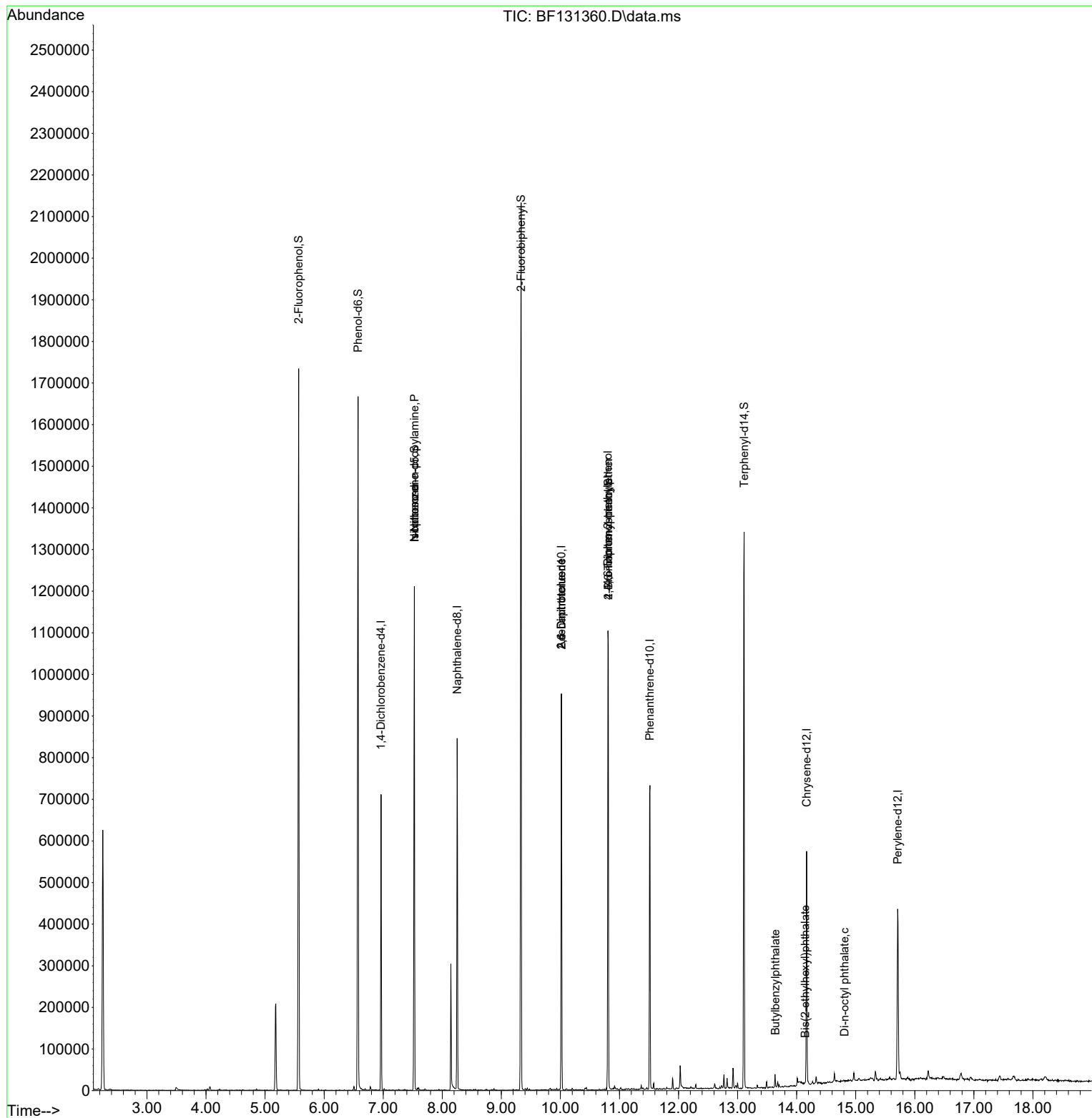
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	89332	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	318285	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	174042	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	279118	20.000	ng	0.00
76) Chrysene-d12	14.169	240	175593	20.000	ng	# 0.00
86) Perylene-d12	15.710	264	203645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	402310	85.712	ng	0.00
7) Phenol-d6	6.575	99	499732	83.446	ng	0.00
23) Nitrobenzene-d5	7.528	82	324562	51.403	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	126374	86.308	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	605714	50.632	ng	0.00
79) Terphenyl-d14	13.110	244	478136	44.528	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	888	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.528	70	44501	10.151	ng	# 74
25) Isophorone	7.528	82	324619	28.817	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	22439	9.253	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	22439	7.354	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	325	4.878	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	8733	2.553	ng	# 1
80) Butylbenzylphthalate	13.639	149	54	4.153	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.145	149	1850	3.995	ng	# 91
85) Di-n-octyl phthalate	14.810	149	524	3.962	ng	# 1

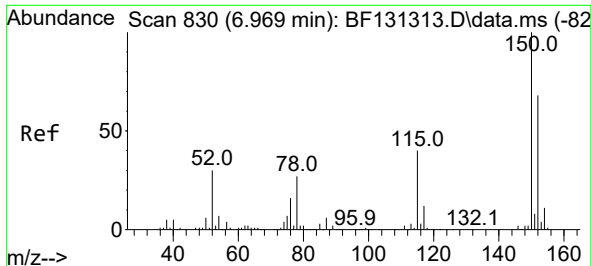
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Quant Time: Nov 24 05:50:54 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 05:48:25 2022
Response via : Initial Calibration

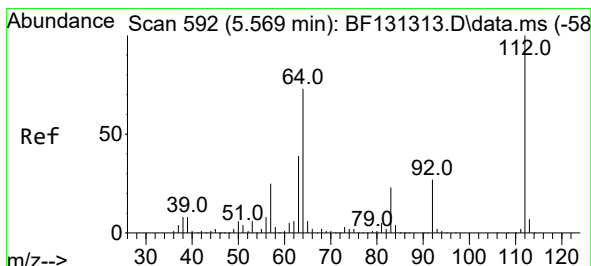
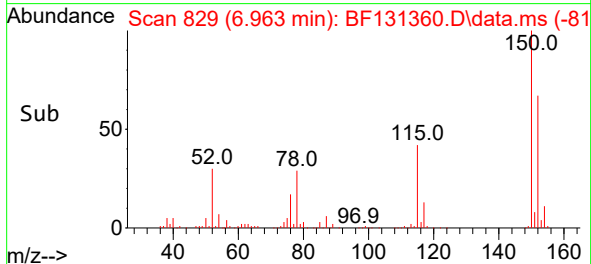
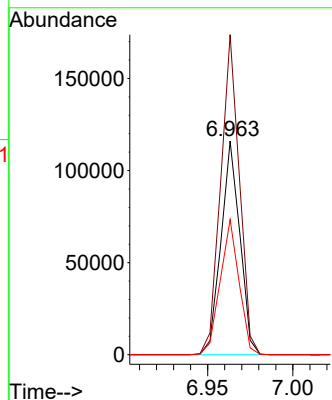
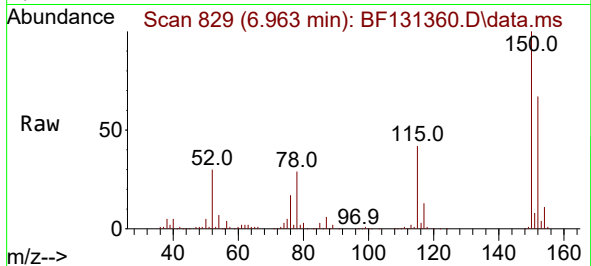




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

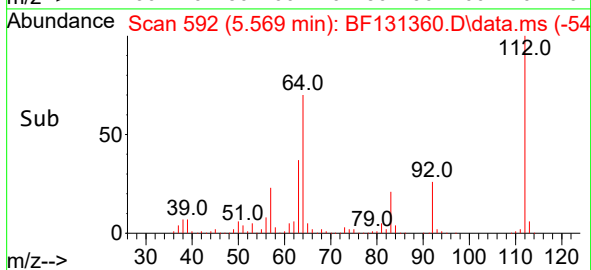
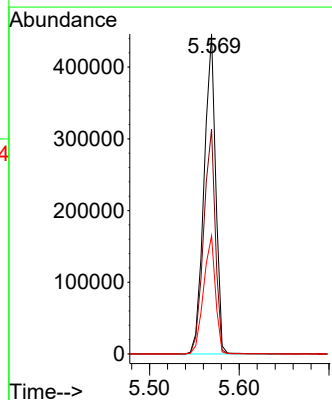
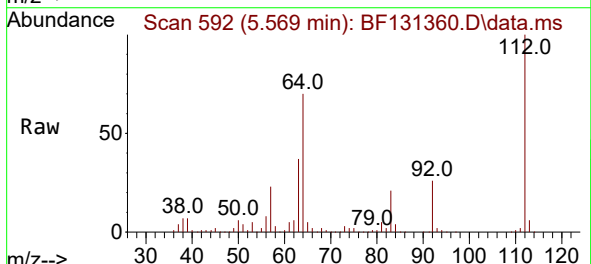
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

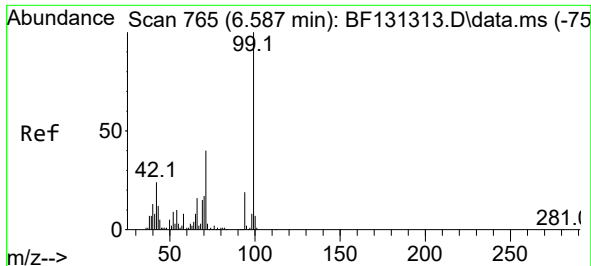
Tgt Ion:152 Resp: 89332
Ion Ratio Lower Upper
152 100
150 149.9 117.8 176.8
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 85.712 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.000 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion:112 Resp: 402310
Ion Ratio Lower Upper
112 100
64 70.2 58.6 88.0
63 36.9 31.4 47.0

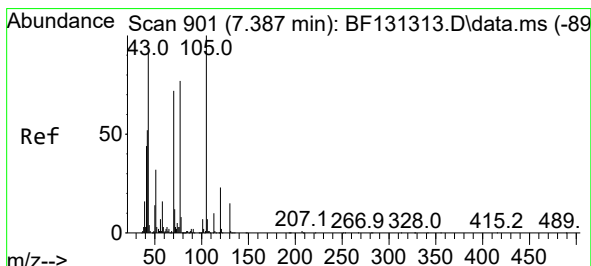
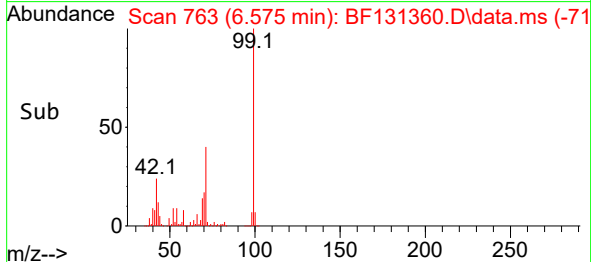
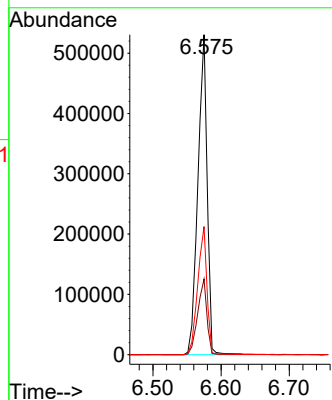
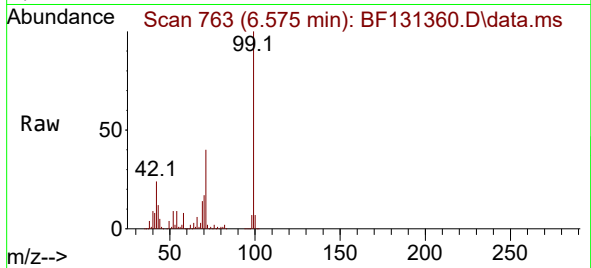




#7
Phenol-d6
Concen: 83.446 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

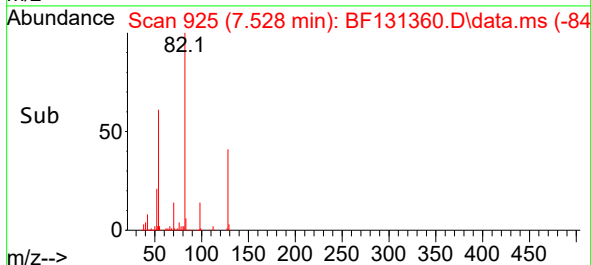
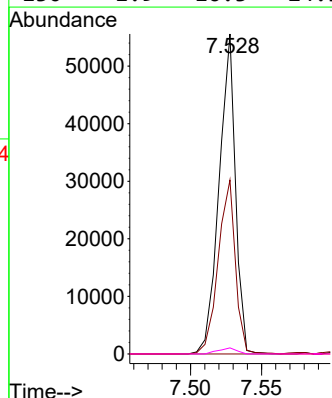
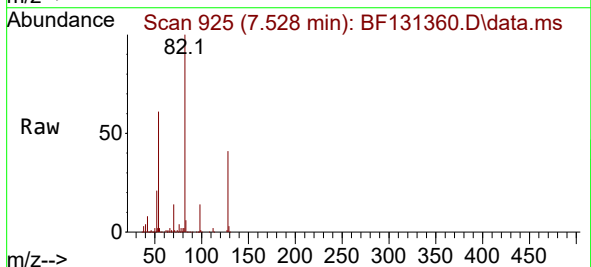
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

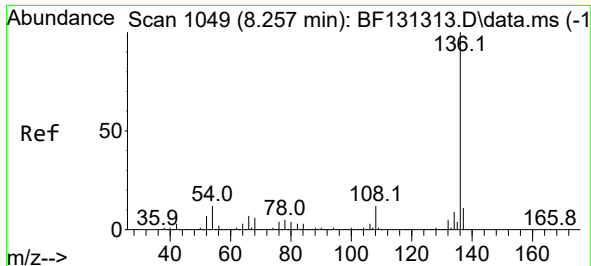
Tgt Ion: 99 Resp: 499732
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 40.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.151 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.147 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion: 70 Resp: 44501
Ion Ratio Lower Upper
70 100
42 54.3 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

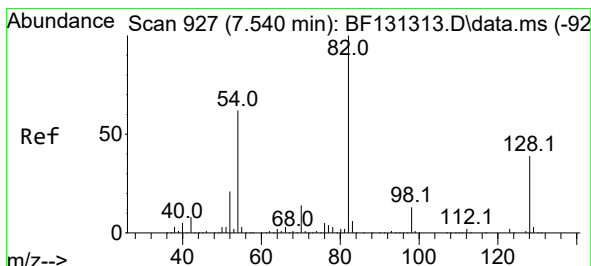
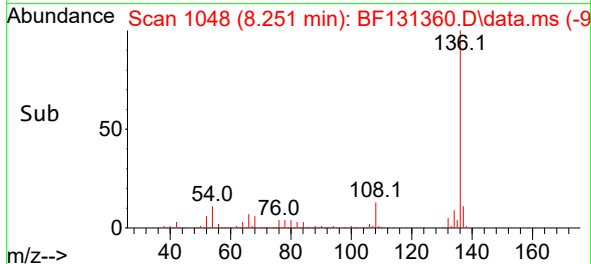
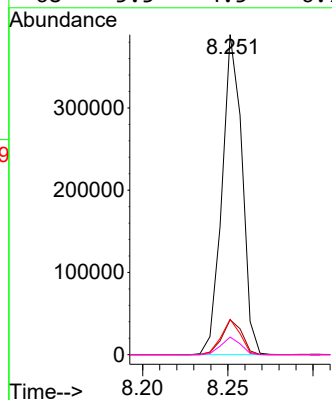
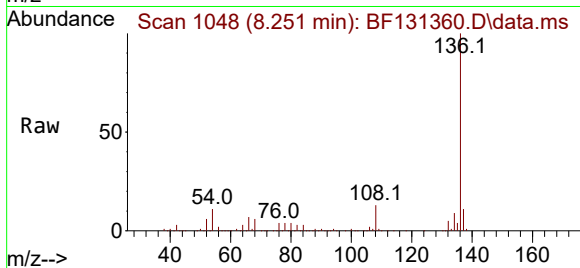




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

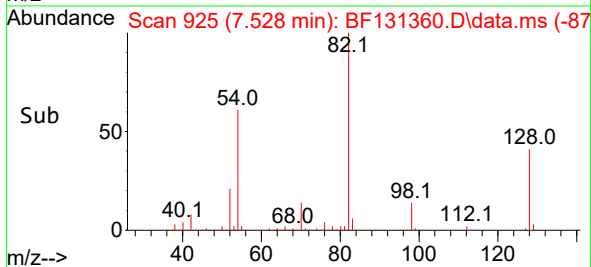
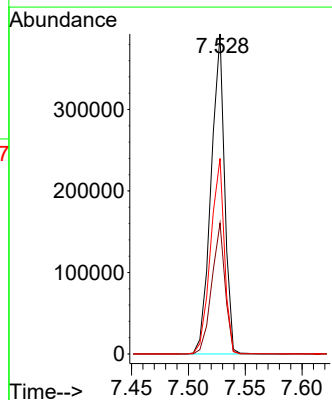
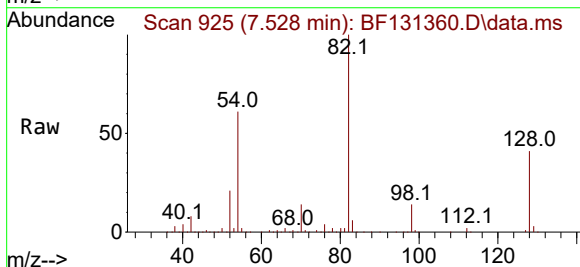
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

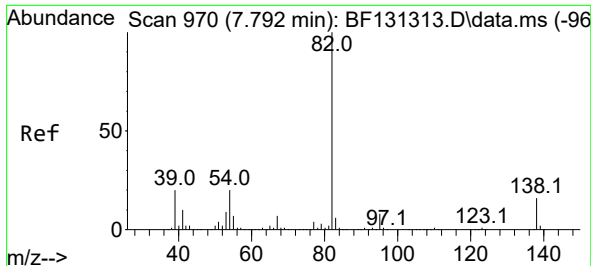
Tgt Ion:	136	Resp:	318285
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.1	9.4	14.0
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 51.403 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion:	82	Resp:	324562
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.4	47.0
54	61.1	49.8	74.6

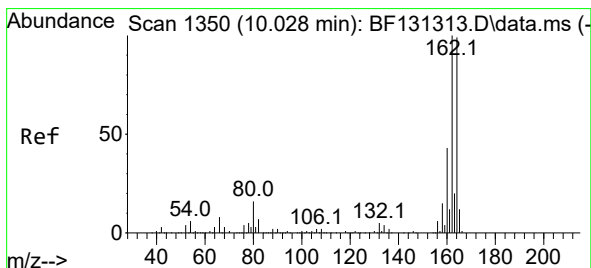
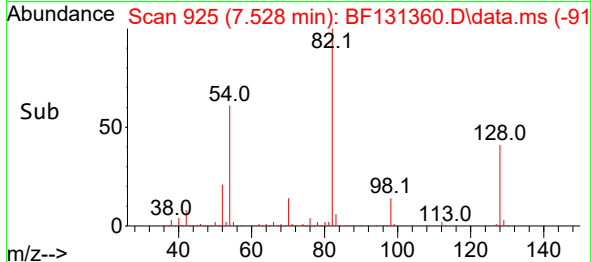
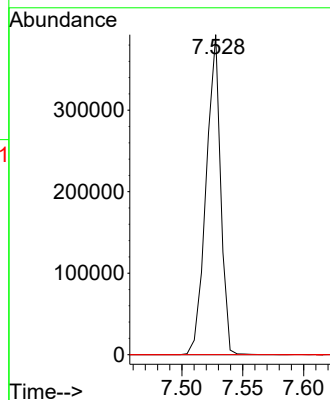
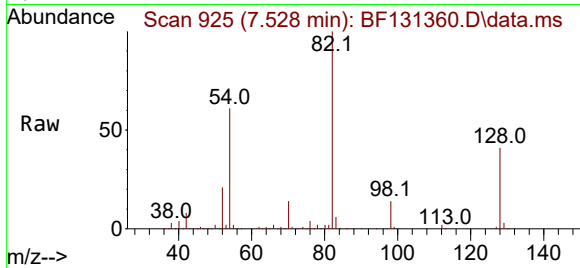




#25
Isophorone
Concen: 28.817 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

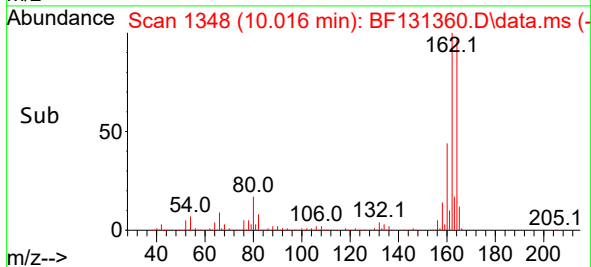
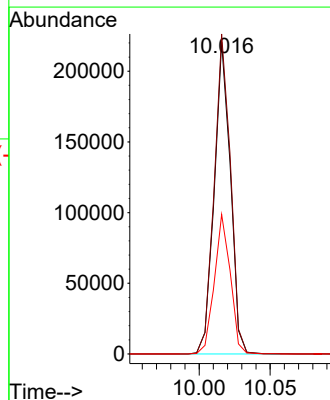
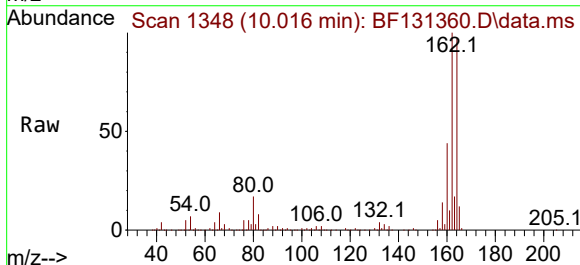
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

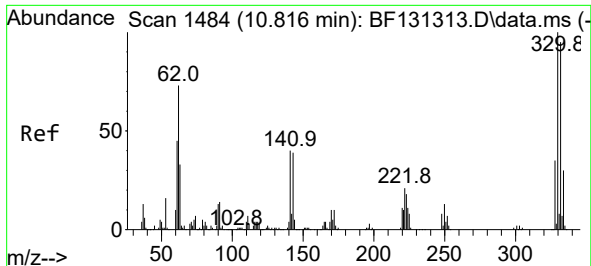
Tgt Ion: 82 Resp: 324619
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion:164 Resp: 174042
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 44.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 86.308 ng

RT: 10.810 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

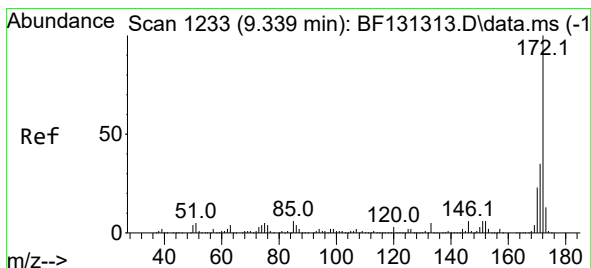
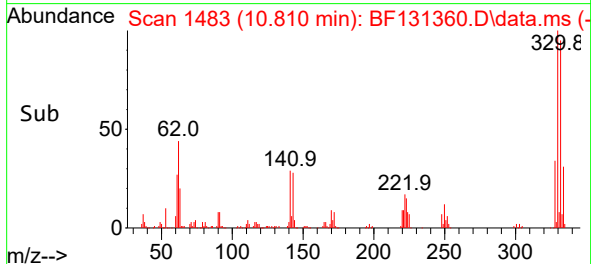
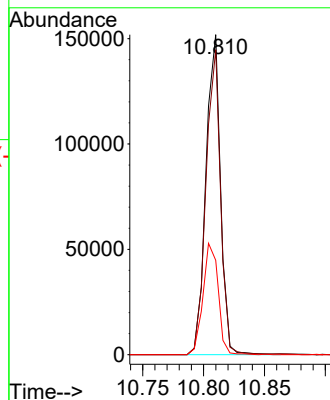
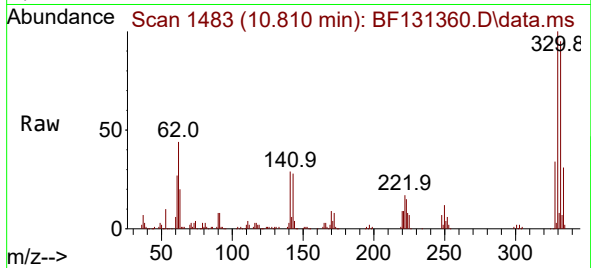
Tgt Ion:330 Resp: 126374

Ion Ratio Lower Upper

330 100

332 95.0 77.5 116.3

141 36.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 50.632 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

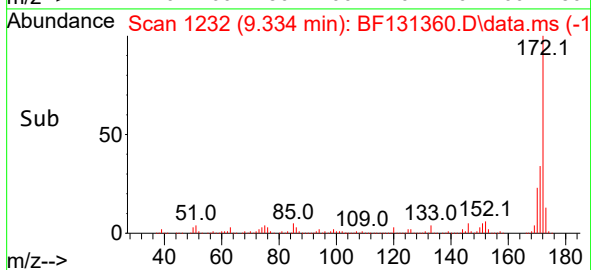
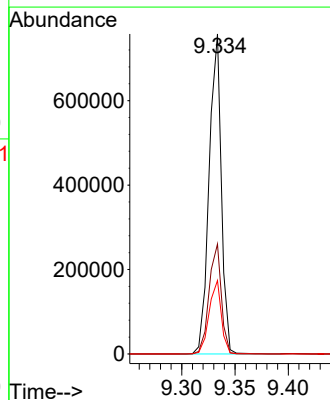
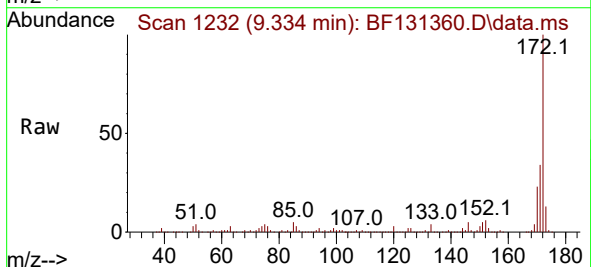
Tgt Ion:172 Resp: 605714

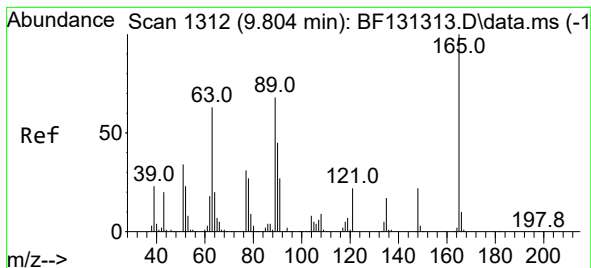
Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

170 23.0 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.253 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.212 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

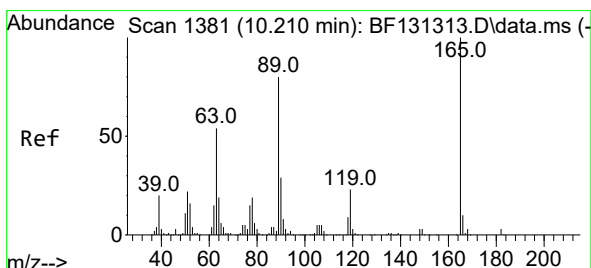
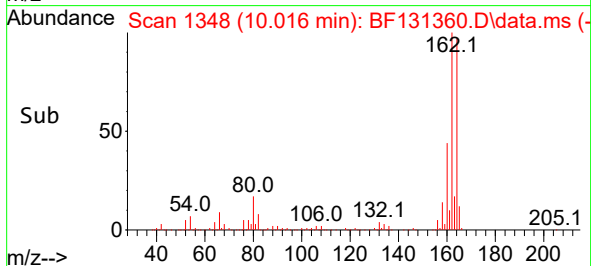
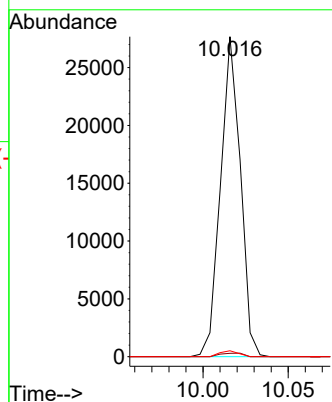
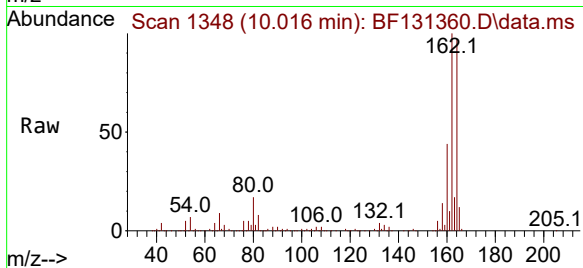
Tgt Ion:165 Resp: 22439

Ion Ratio Lower Upper

165 100

63 1.1 62.0 93.0#

89 1.8 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.354 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.188 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

Tgt Ion:165 Resp: 22439

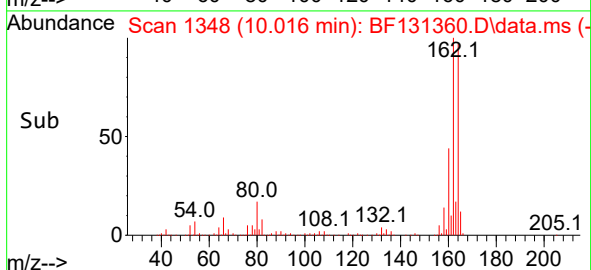
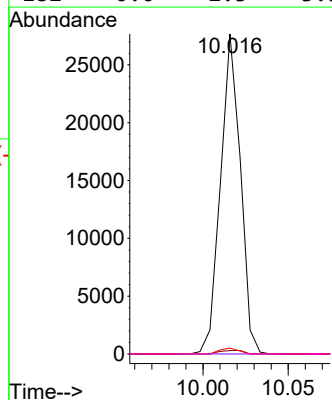
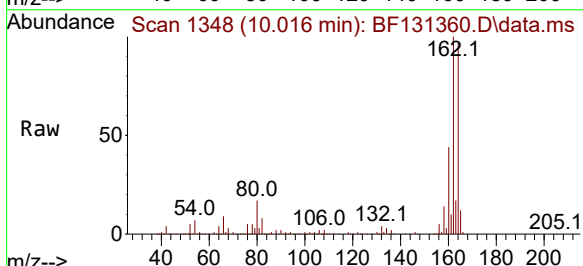
Ion Ratio Lower Upper

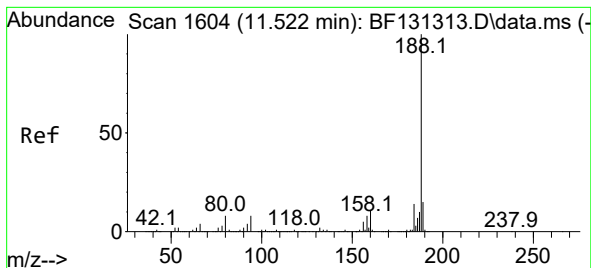
165 100

63 1.1 43.4 65.2#

89 1.8 64.0 96.0#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

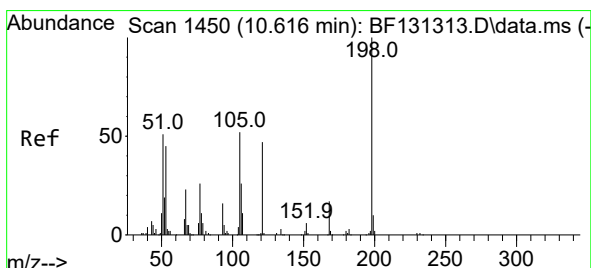
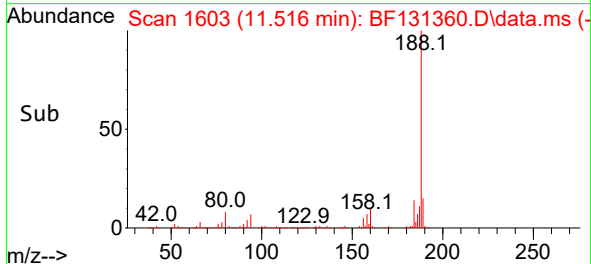
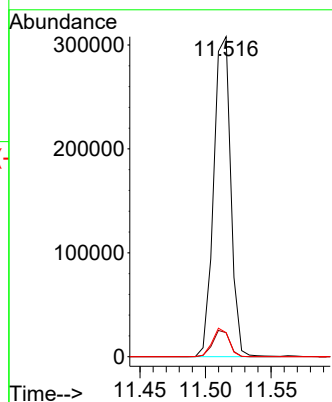
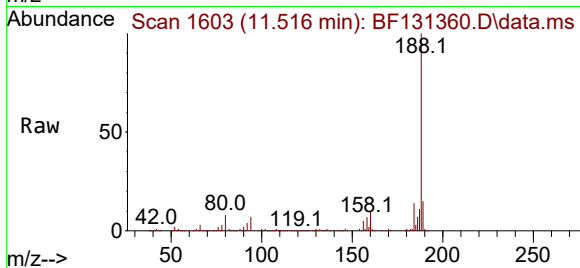
Tgt Ion:188 Resp: 279118

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

80 7.5 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.878 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.194 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

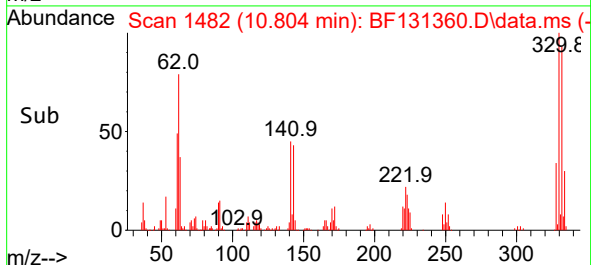
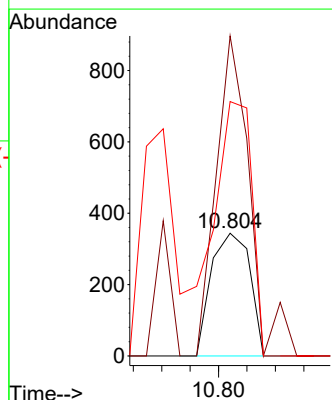
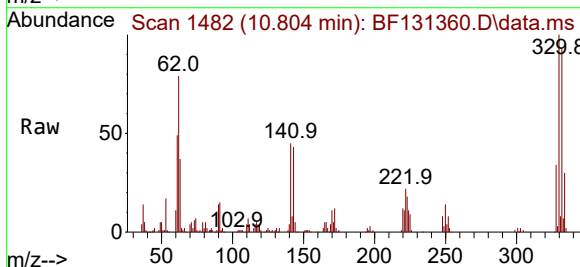
Tgt Ion:198 Resp: 325

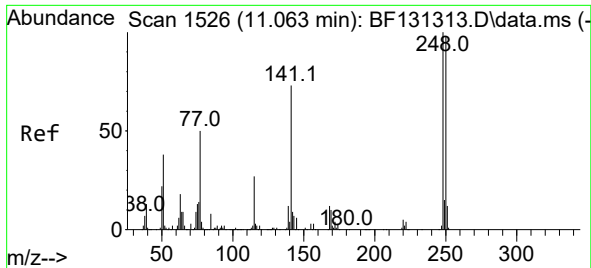
Ion Ratio Lower Upper

198 100

51 260.8 50.1 90.1#

105 207.3 32.5 72.5#

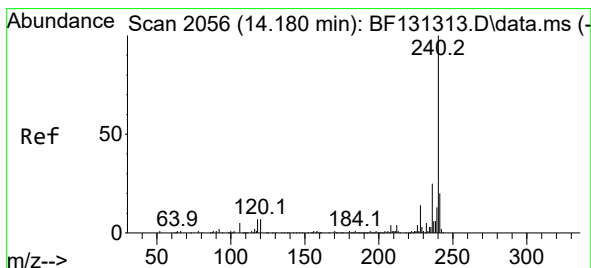
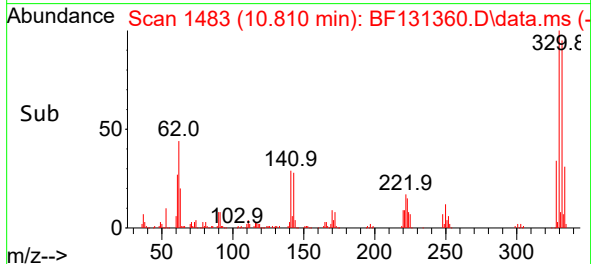
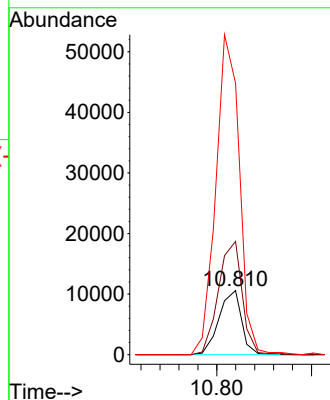
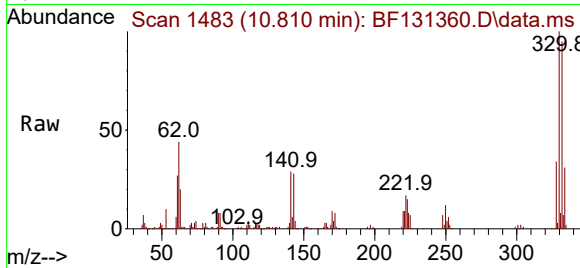




#67
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 10.810 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

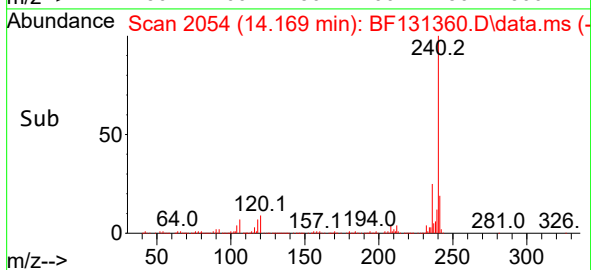
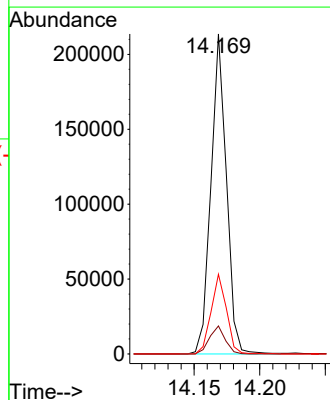
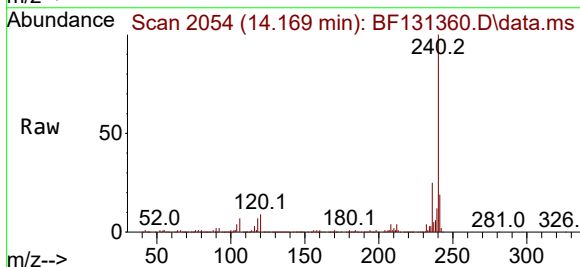
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

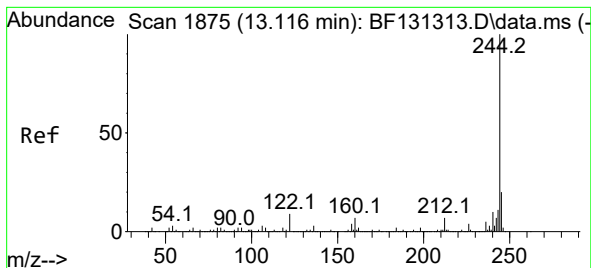
Tgt Ion:248 Resp: 8733
Ion Ratio Lower Upper
248 100
250 176.3 78.3 117.5#
141 422.7 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Tgt Ion:240 Resp: 175593
Ion Ratio Lower Upper
240 100
120 8.8 5.8 8.8#
236 24.9 20.3 30.5





#79

Terphenyl-d14

Concen: 44.528 ng

RT: 13.110 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

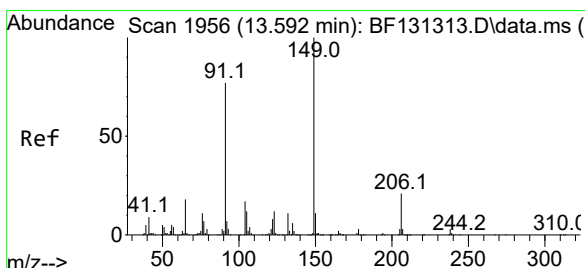
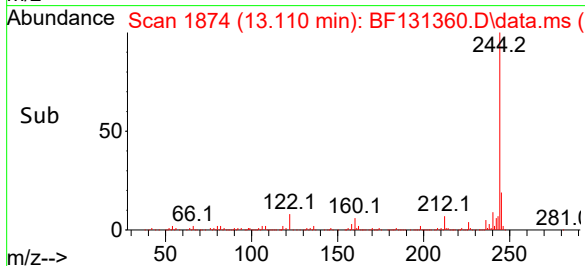
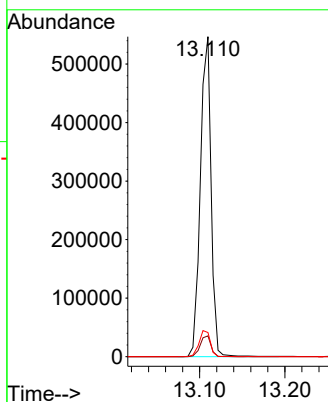
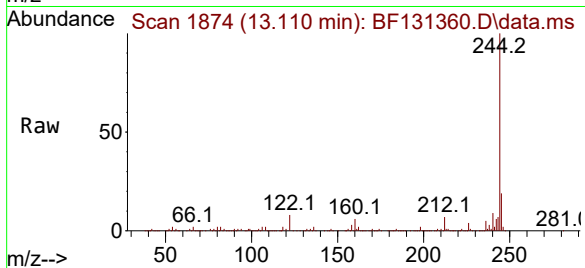
Tgt Ion:244 Resp: 478136

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 7.6 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.153 ng

RT: 13.639 min Scan# 1964

Delta R.T. 0.053 min

Lab File: BF131360.D

Acq: 23 Nov 2022 13:28

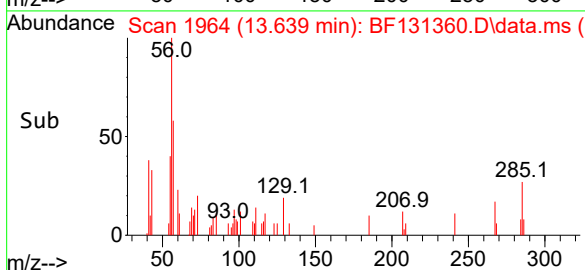
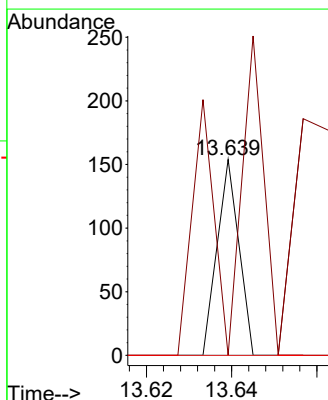
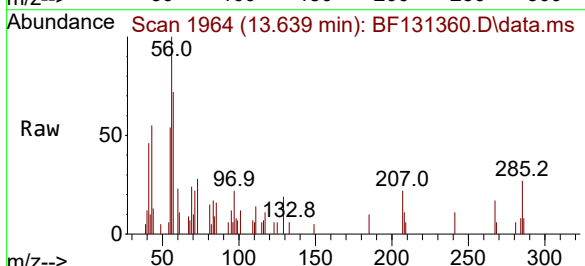
Tgt Ion:149 Resp: 54

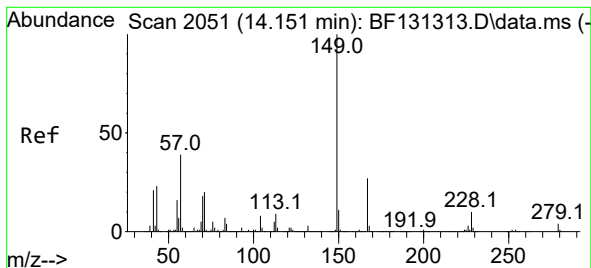
Ion Ratio Lower Upper

149 100

91 0.0 61.9 92.9#

206 0.0 16.5 24.7#

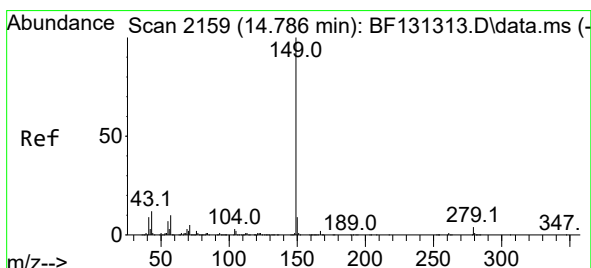
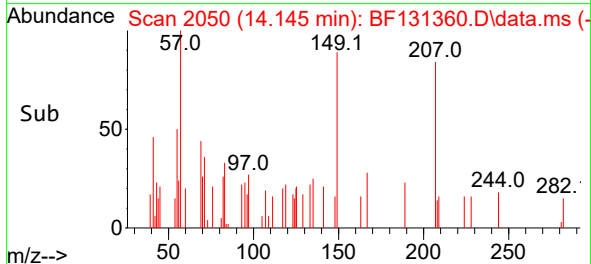
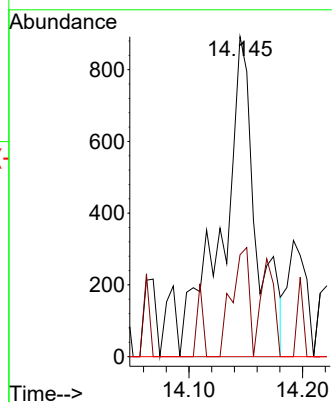
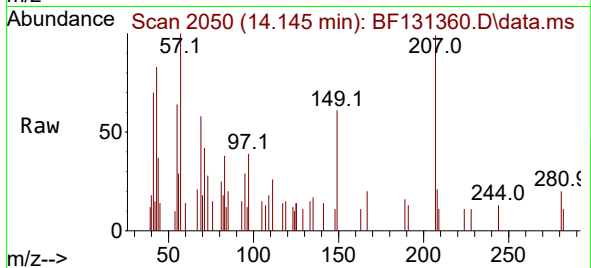




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.995 ng
 RT: 14.145 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: BF131360.D
 Acq: 23 Nov 2022 13:28

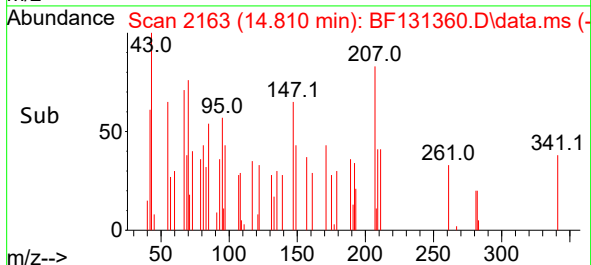
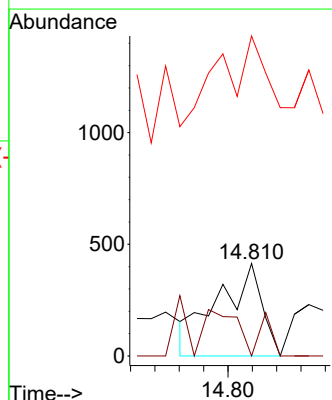
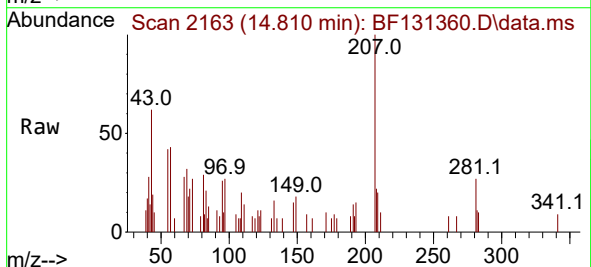
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

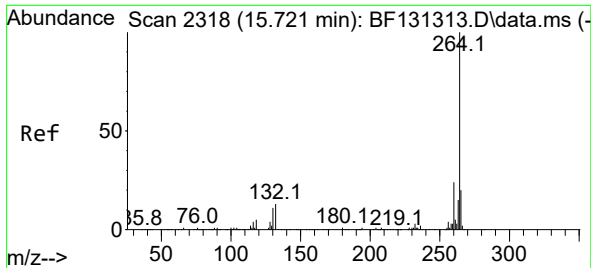
Tgt Ion:149 Resp: 1850
 Ion Ratio Lower Upper
 149 100
 167 31.8 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.962 ng
 RT: 14.810 min Scan# 2163
 Delta R.T. 0.035 min
 Lab File: BF131360.D
 Acq: 23 Nov 2022 13:28

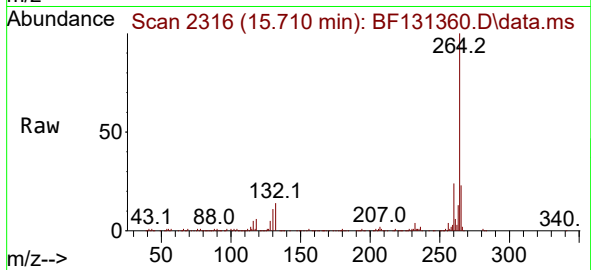
Tgt Ion:149 Resp: 524
 Ion Ratio Lower Upper
 149 100
 167 50.6 1.2 1.8#
 43 52.9 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131360.D
Acq: 23 Nov 2022 13:28

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20



Tgt Ion:264 Resp: 203645
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.5 16.4 24.6

