

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127662.D
 Acq On : 06 Apr 2022 22:04
 Operator : CG\JU
 Sample : N2229-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Quant Time: Apr 07 02:40:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

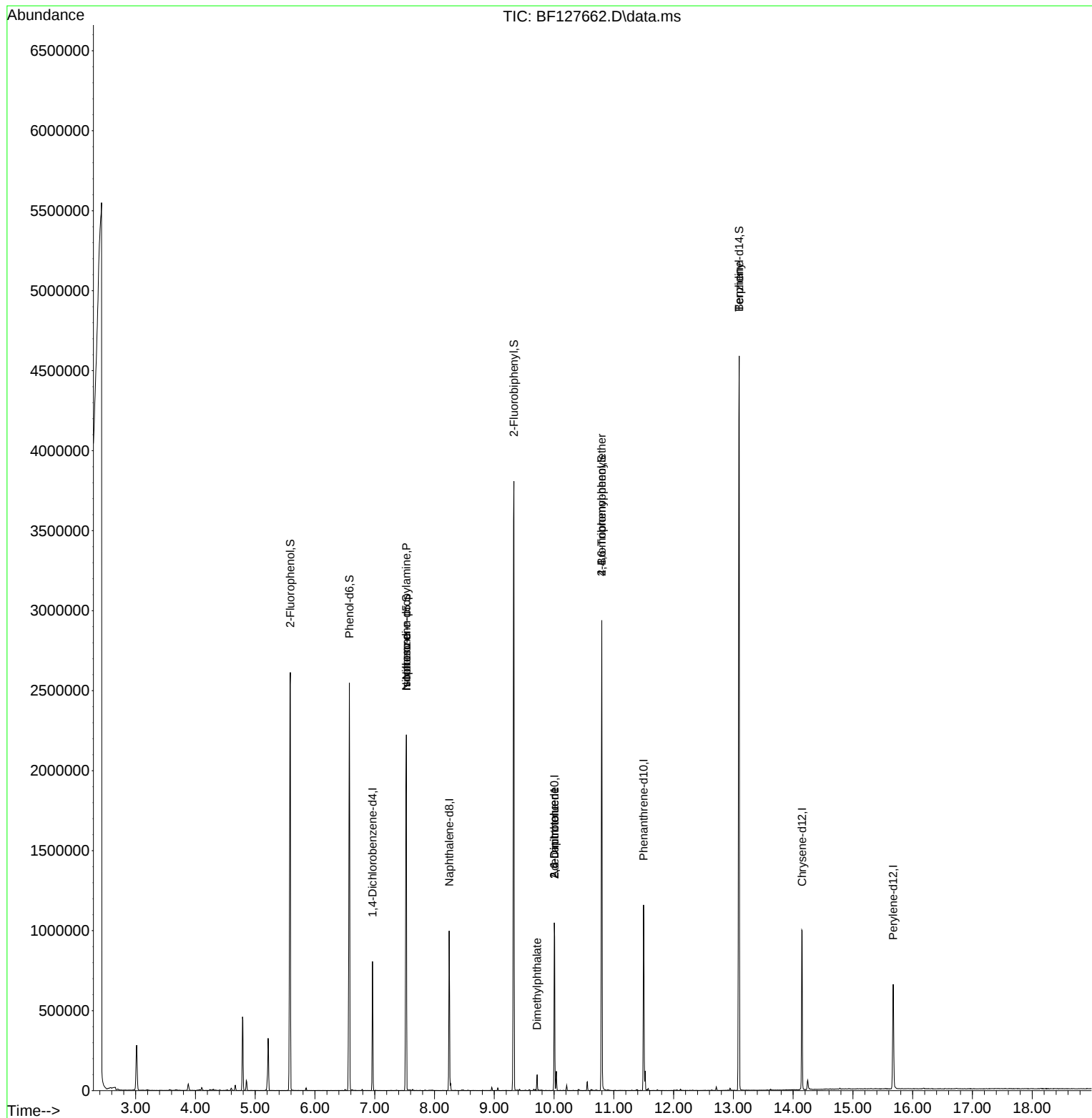
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99519	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	366409	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	211894	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	412679	20.000	ng	0.00
76) Chrysene-d12	14.151	240	368609	20.000	ng	0.00
86) Perylene-d12	15.674	264	311482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	717283	117.115	ng	0.00
7) Phenol-d6	6.575	99	827918	103.331	ng	0.00
23) Nitrobenzene-d5	7.528	82	720468	87.660	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	310199	137.569	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1241821	82.908	ng	0.00
79) Terphenyl-d14	13.098	244	1763896	78.986	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	82	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	99282	19.158	ng	# 77
25) Isophorone	7.528	82	720459	50.236	ng	# 70
50) Dimethylphthalate	9.716	163	31202	2.031	ng	100
51) 2,6-Dinitrotoluene	10.004	165	27329	9.440	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	27329	7.614	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	21640	4.321	ng	# 1
77) Benzidine	13.098	184	27050	2.812	ng	# 93

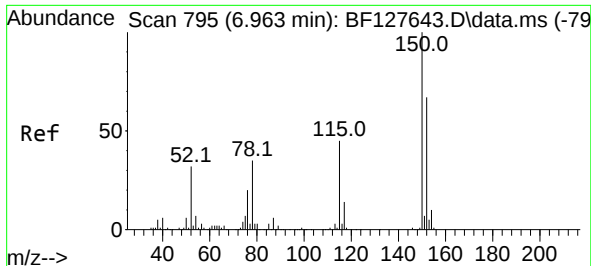
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127662.D
Acq On : 06 Apr 2022 22:04
Operator : CG\JU
Sample : N2229-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

Quant Time: Apr 07 02:40:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

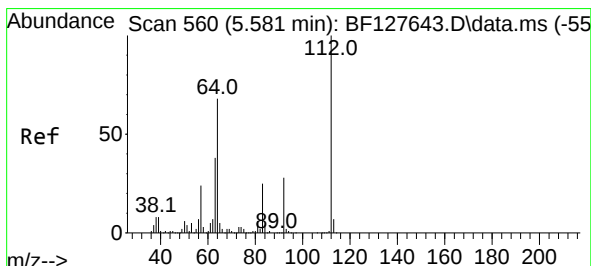
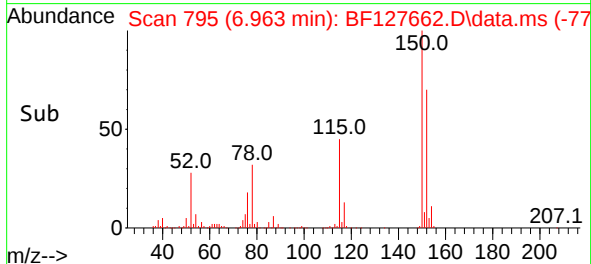
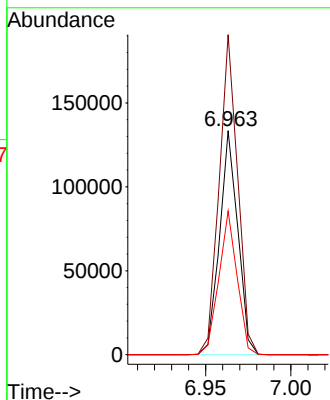
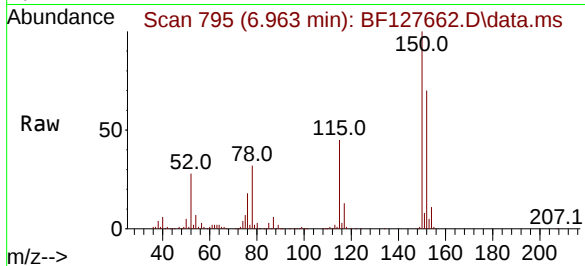




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127662.D
 Acq: 06 Apr 2022 22:04

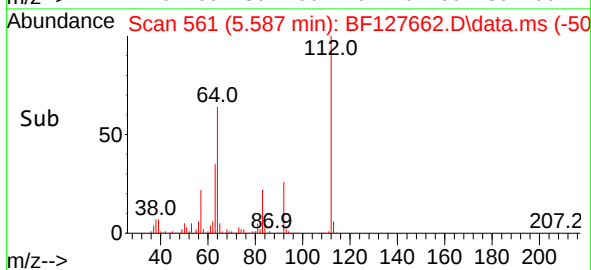
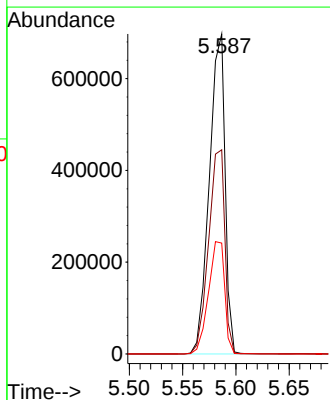
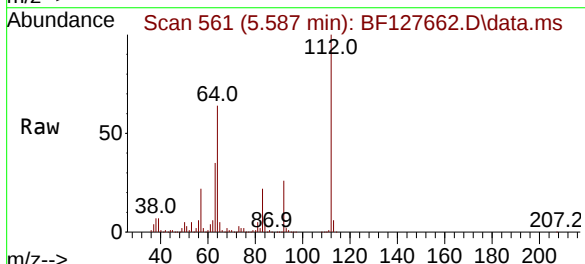
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

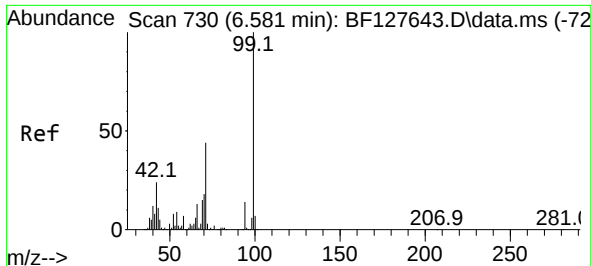
Tgt Ion:152 Resp: 99519
 Ion Ratio Lower Upper
 152 100
 150 142.9 117.2 175.8
 115 64.1 49.8 74.6



#5
 2-Fluorophenol
 Concen: 117.115 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF127662.D
 Acq: 06 Apr 2022 22:04

Tgt Ion:112 Resp: 717283
 Ion Ratio Lower Upper
 112 100
 64 63.8 58.4 87.6
 63 34.6 30.1 45.1

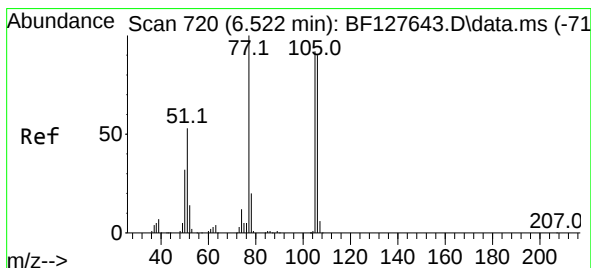
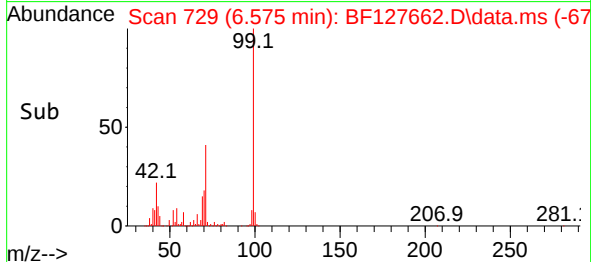
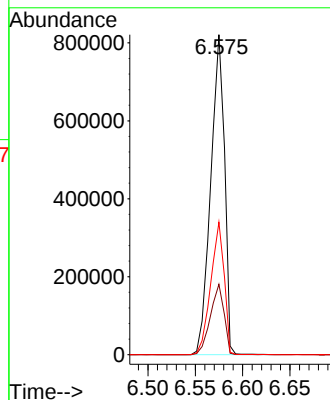
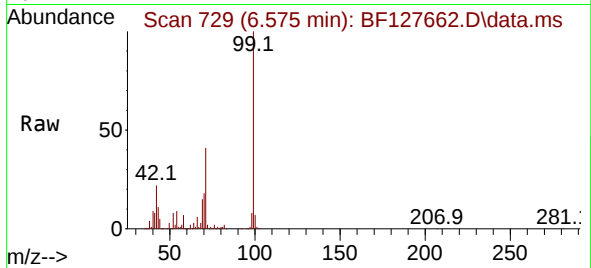




#7
Phenol-d6
Concen: 103.331 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

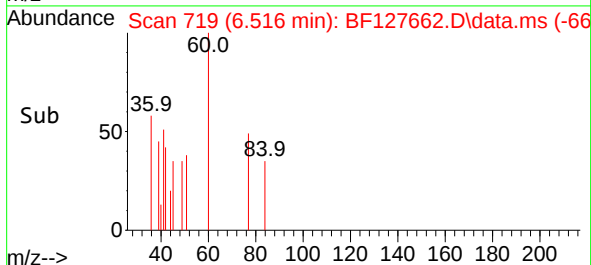
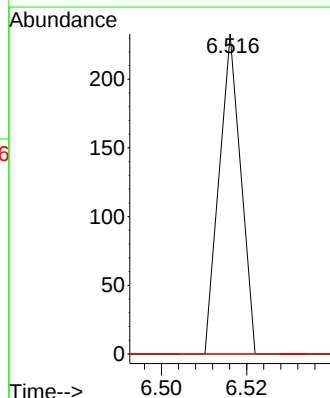
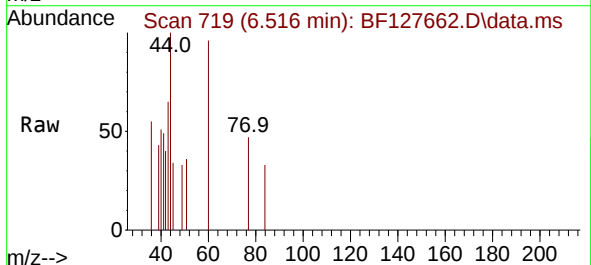
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

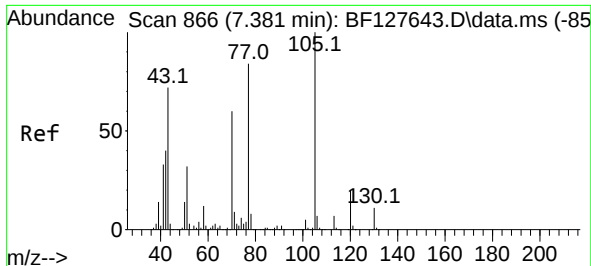
Tgt Ion: 99 Resp: 827918
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 41.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion: 77 Resp: 82
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.158 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127662.D

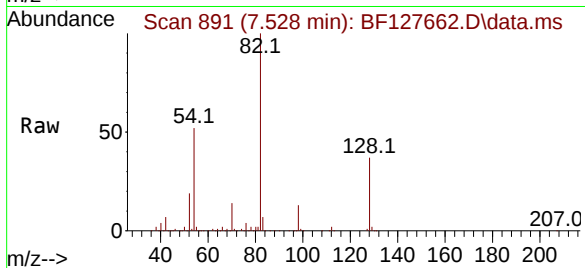
Acq: 06 Apr 2022 22:04

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM



Tgt Ion: 70 Resp: 99282

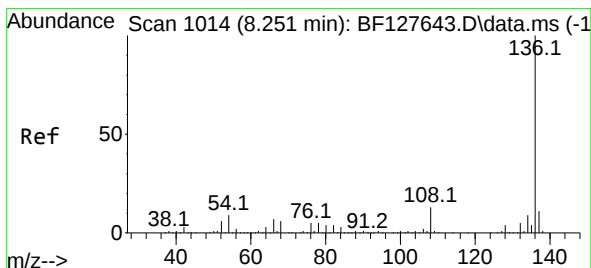
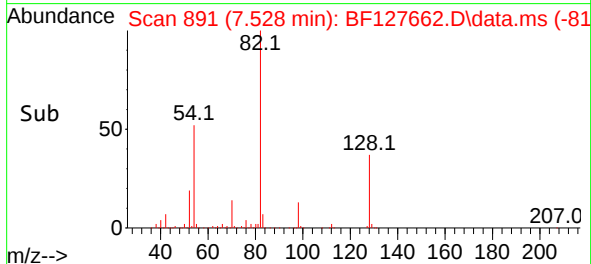
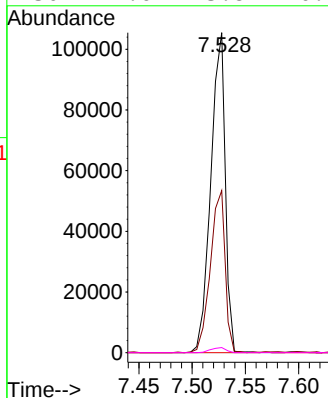
Ion Ratio Lower Upper

70 100

42 50.6 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127662.D

Acq: 06 Apr 2022 22:04

Tgt Ion: 136 Resp: 366409

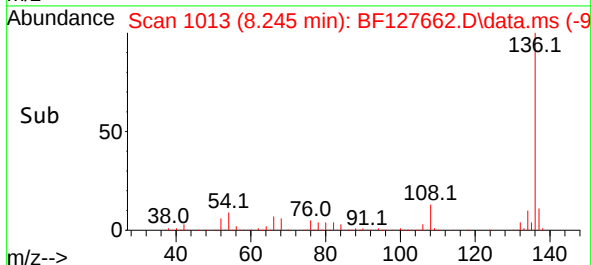
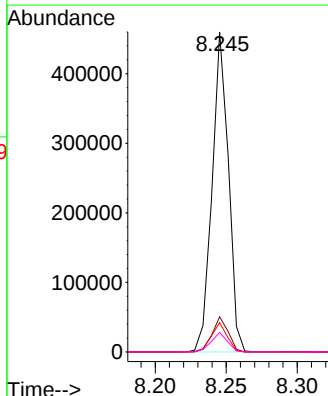
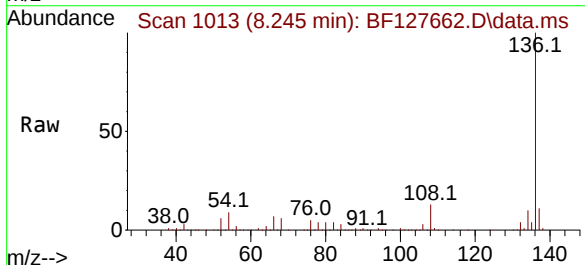
Ion Ratio Lower Upper

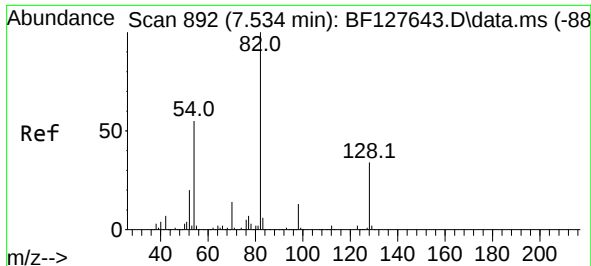
136 100

137 11.0 8.6 13.0

54 9.2 9.2 13.8#

68 6.1 5.4 8.0

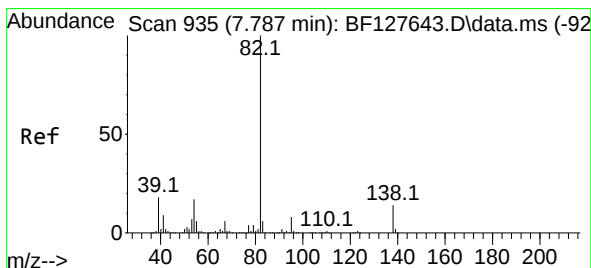
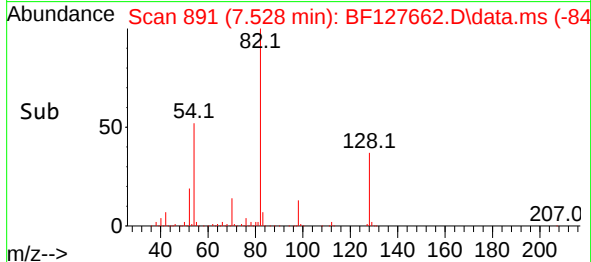
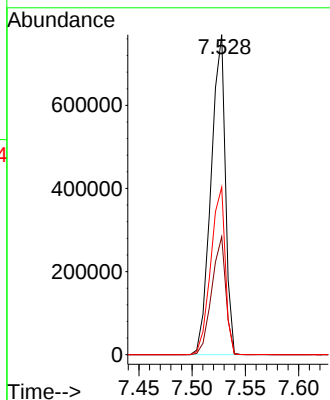
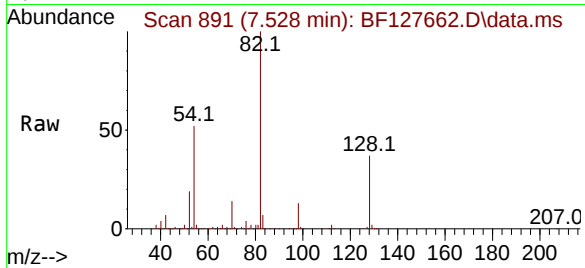




#23
Nitrobenzene-d5
Concen: 87.660 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

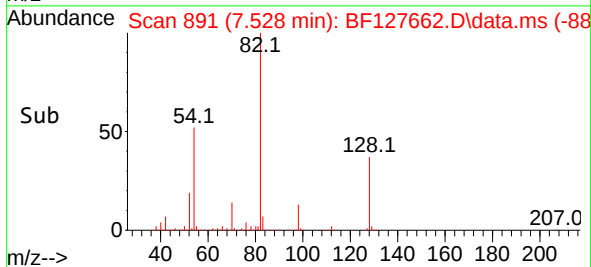
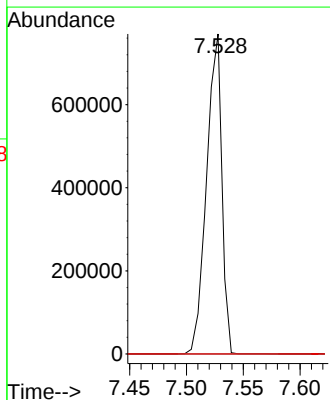
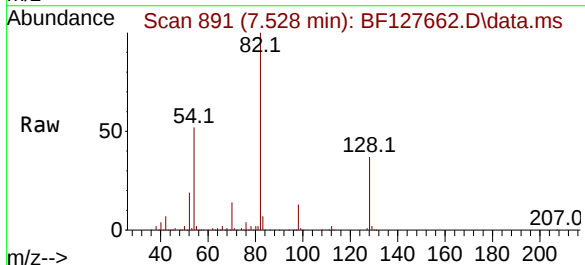
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

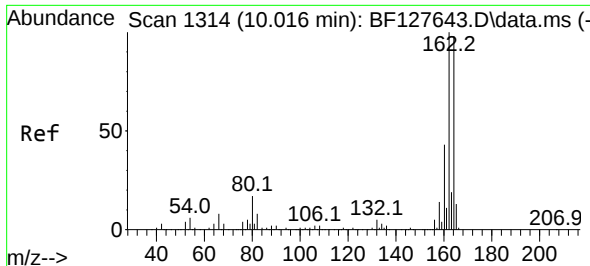
Tgt Ion: 82 Resp: 720468
Ion Ratio Lower Upper
82 100
128 36.9 30.6 45.8
54 52.4 48.2 72.2



#25
Isophorone
Concen: 50.236 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion: 82 Resp: 720459
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

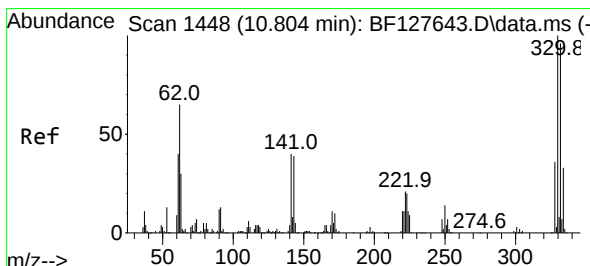
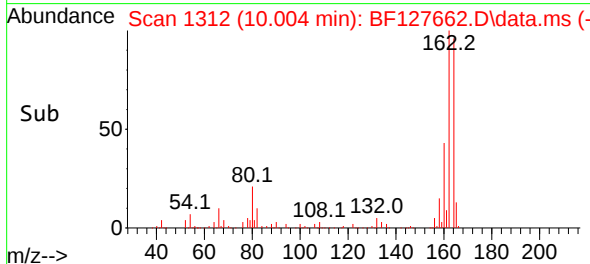
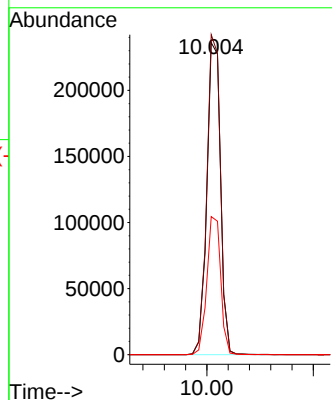
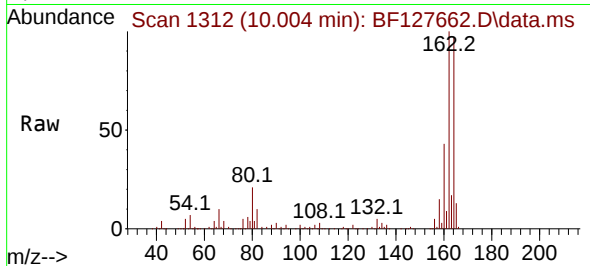




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

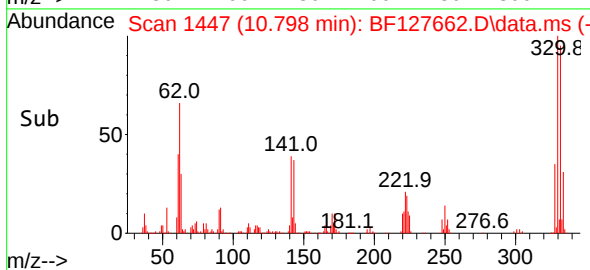
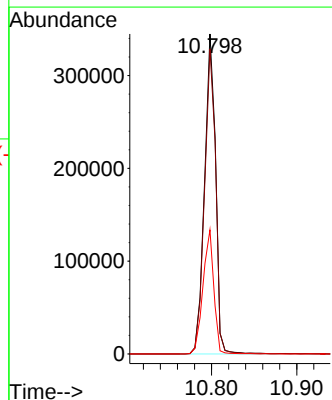
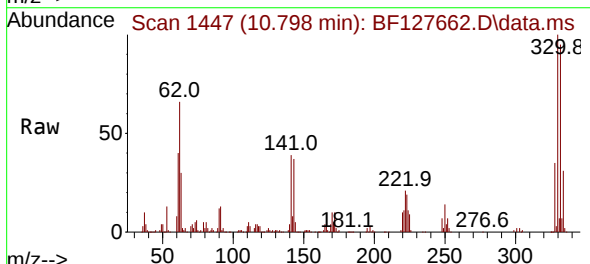
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

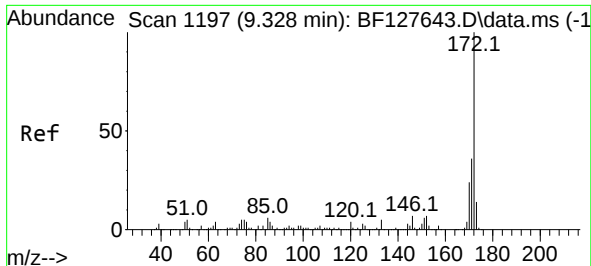
Tgt Ion:164 Resp: 211894
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 44.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 137.569 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:330 Resp: 310199
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 38.2 26.2 39.4

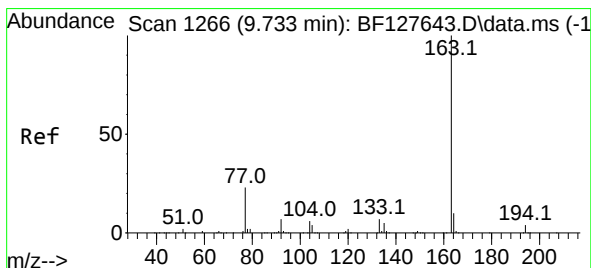
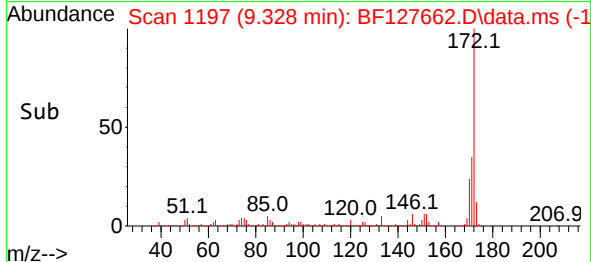
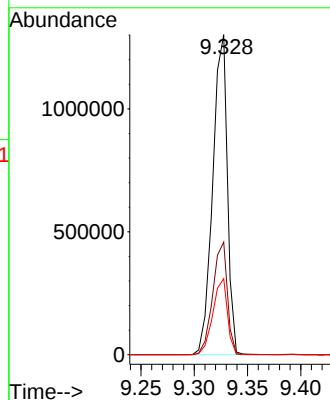
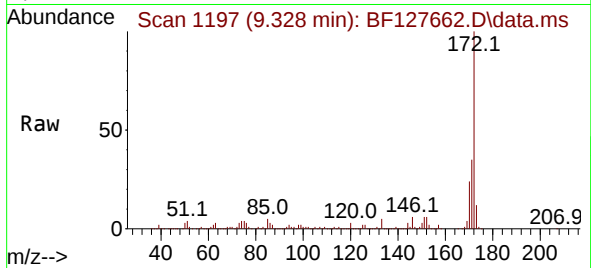




#45
2-Fluorobiphenyl
Concen: 82.908 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

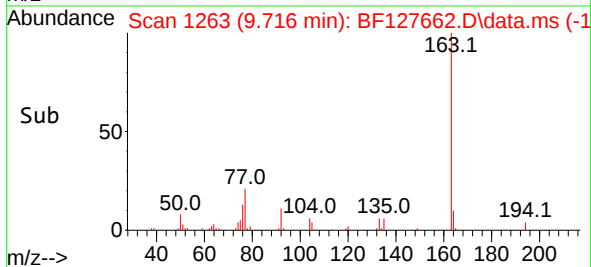
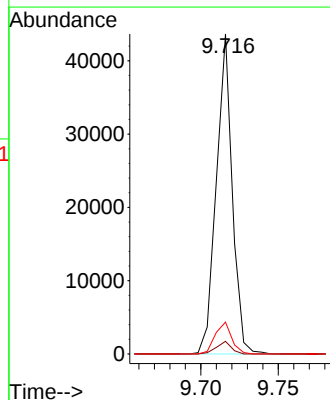
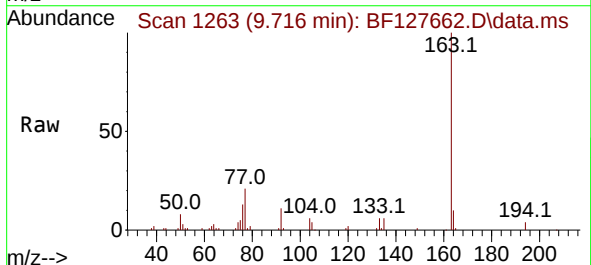
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

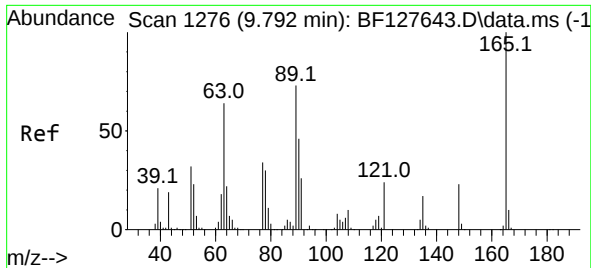
Tgt Ion:172 Resp: 1241821
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 18.6 27.8



#50
Dimethylphthalate
Concen: 2.031 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:163 Resp: 31202
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 7.8 11.8

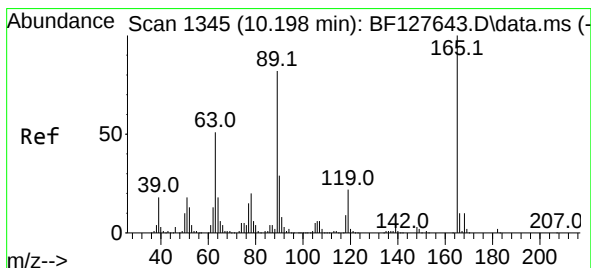
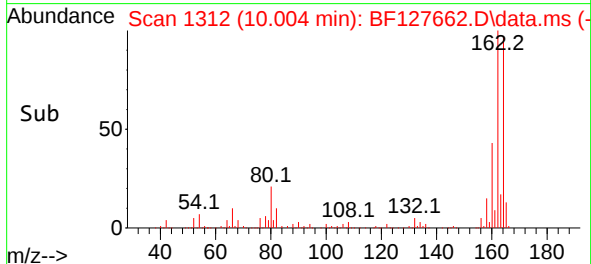
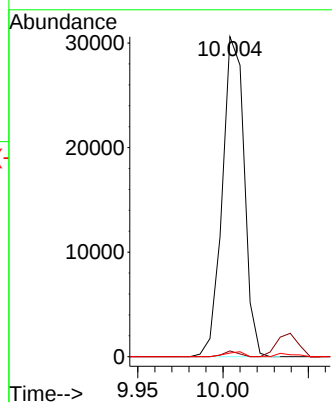
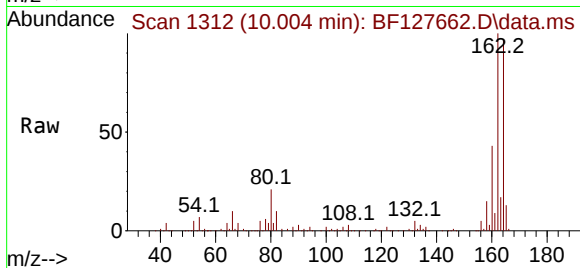




#51
2,6-Dinitrotoluene
Concen: 9.440 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

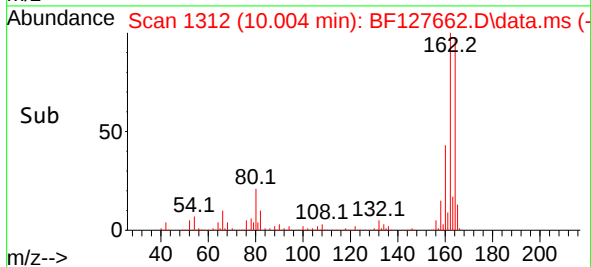
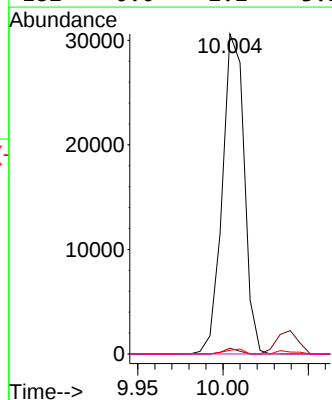
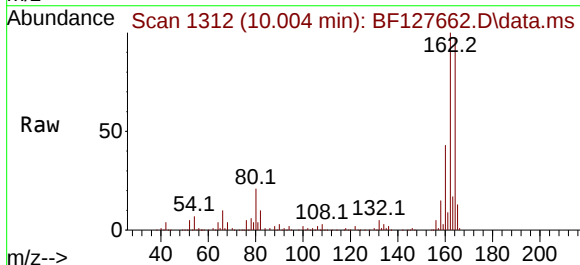
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

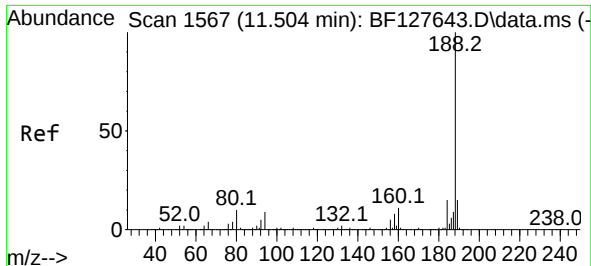
Tgt Ion:165 Resp: 27329
Ion Ratio Lower Upper
165 100
63 1.8 58.3 87.5#
89 1.2 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.614 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.194 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:165 Resp: 27329
Ion Ratio Lower Upper
165 100
63 1.8 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#

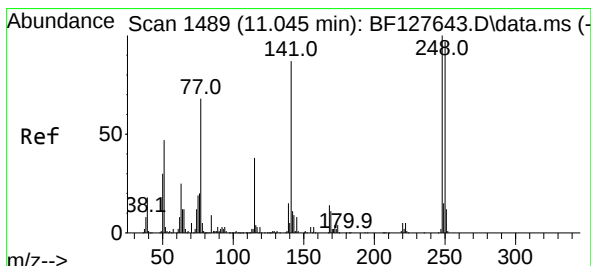
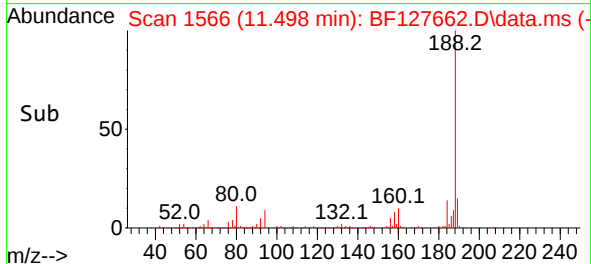
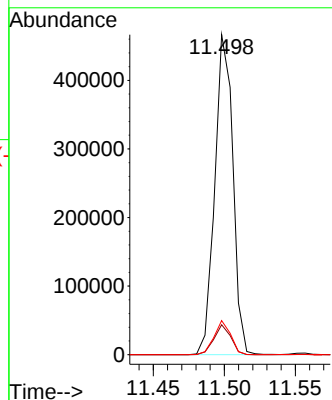
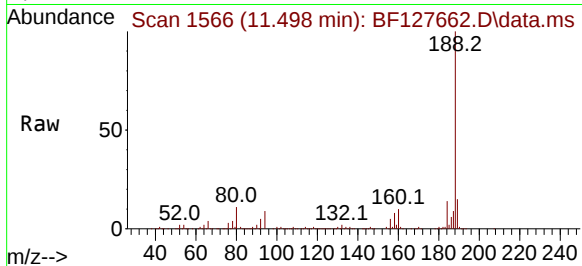




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

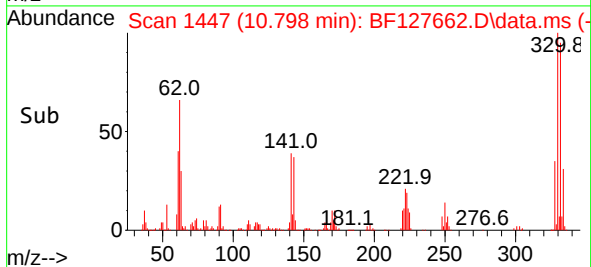
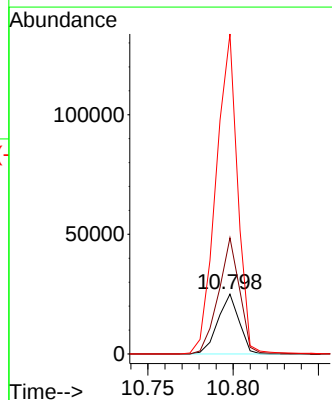
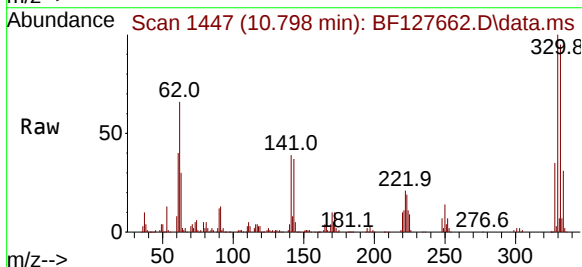
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

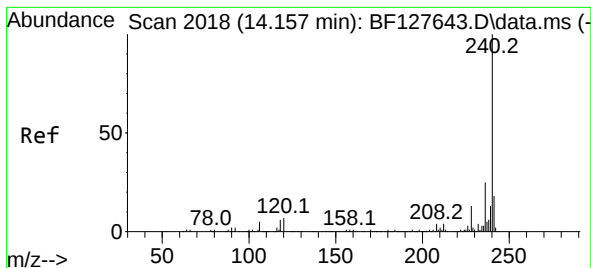
Tgt Ion:188 Resp: 412679
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.6 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.321 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF127662.D
Acq: 06 Apr 2022 22:04

Tgt Ion:248 Resp: 21640
Ion Ratio Lower Upper
248 100
250 194.4 76.6 115.0#
141 535.2 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127662.D

Acq: 06 Apr 2022 22:04

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM

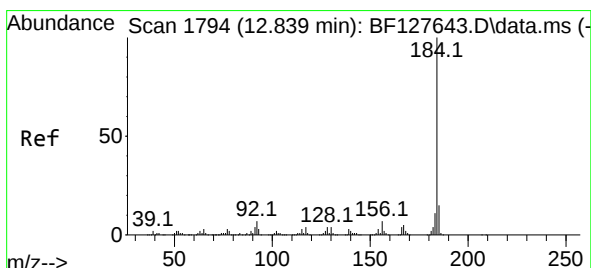
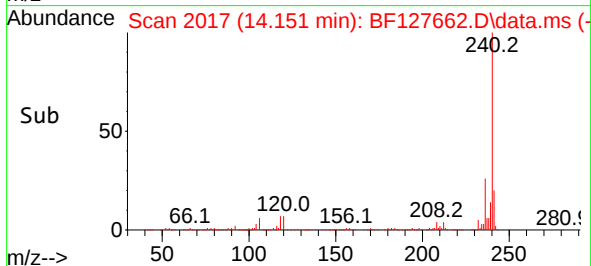
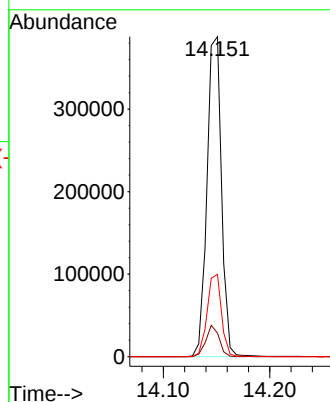
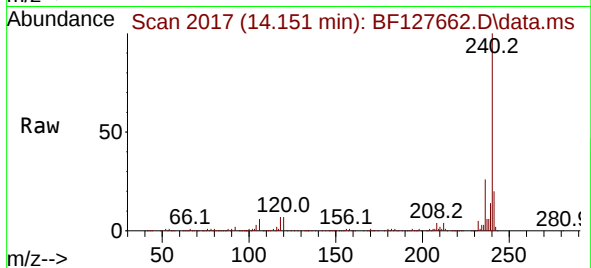
Tgt Ion:240 Resp: 368609

Ion Ratio Lower Upper

240 100

120 7.4 7.1 10.7

236 25.7 20.7 31.1



#77

Benzidine

Concen: 2.812 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.259 min

Lab File: BF127662.D

Acq: 06 Apr 2022 22:04

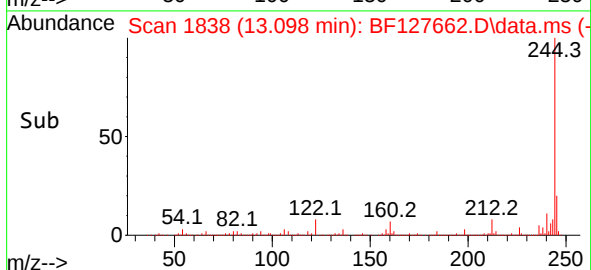
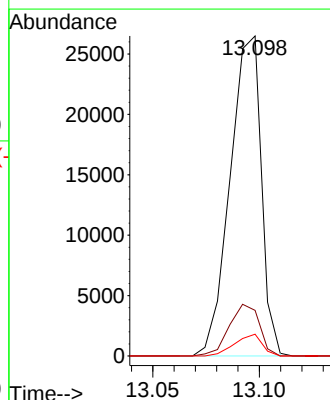
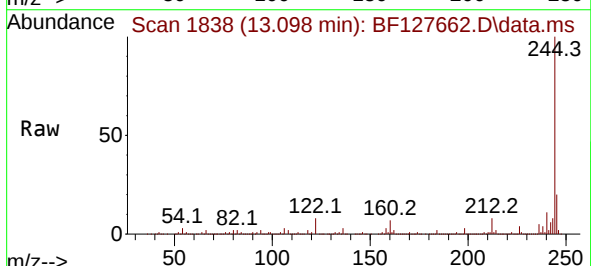
Tgt Ion:184 Resp: 27050

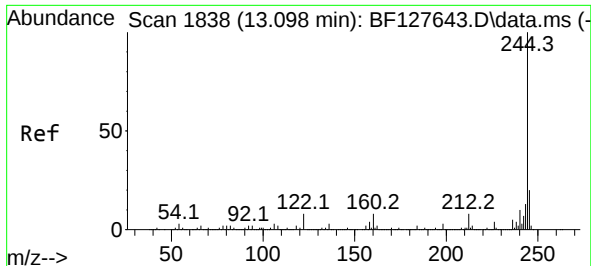
Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

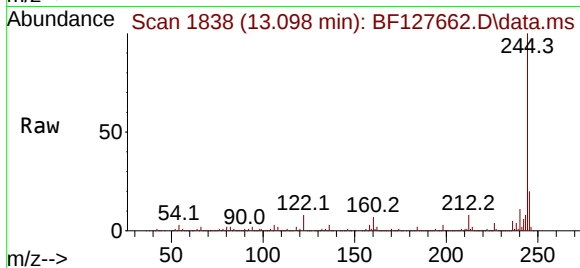
183 6.8 9.4 14.0#



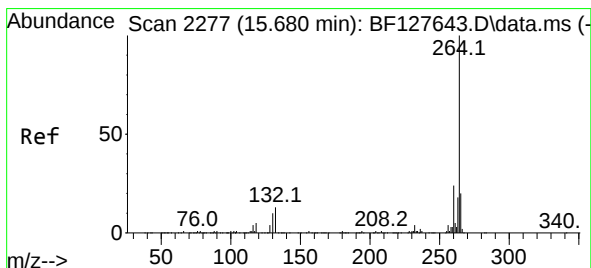
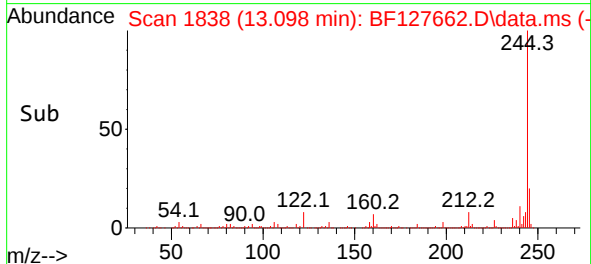
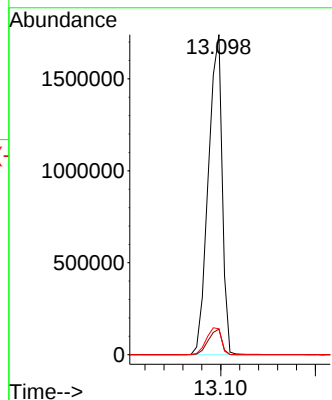


#79
 Terphenyl-d14
 Concen: 78.986 ng
 RT: 13.098 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF127662.D
 Acq: 06 Apr 2022 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM



Tgt Ion:244 Resp: 1763896
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 8.1 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127662.D
 Acq: 06 Apr 2022 22:04

Tgt Ion:264 Resp: 311482
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 17.4 26.2

