

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130489.D
 Acq On : 30 Sep 2022 17:47
 Operator : CG\JU
 Sample : N4898-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-11RE

Quant Time: Oct 01 01:36:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

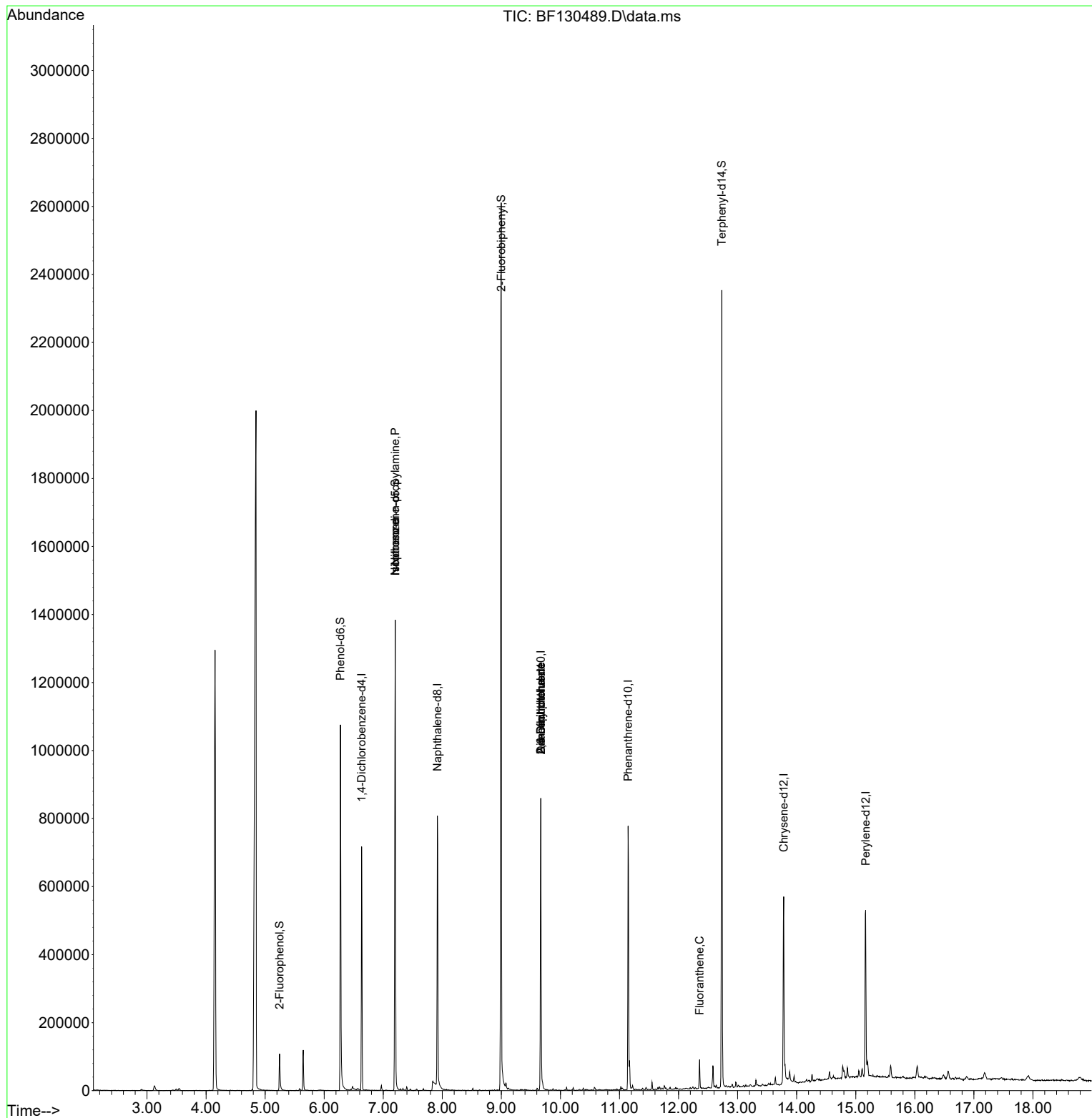
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	99081	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	374641	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	182716	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	291979	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	187615	20.000	ng	-0.01
86) Perylene-d12	15.168	264	226933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	34523	6.043	ng	0.00
7) Phenol-d6	6.275	99	355572	49.747	ng	-0.02
23) Nitrobenzene-d5	7.204	82	438115	59.744	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	223	0.127	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	844068	67.270	ng	-0.01
79) Terphenyl-d14	12.733	244	740613	65.390	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	59036	12.240	ng	# 70
25) Isophorone	7.204	82	438110	37.067	ng	# 66
50) Dimethylphthalate	9.669	163	32665	2.588	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	23500	8.903	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	23496	6.965	ng	# 16
75) Fluoranthene	12.357	202	33015	2.084	ng	96

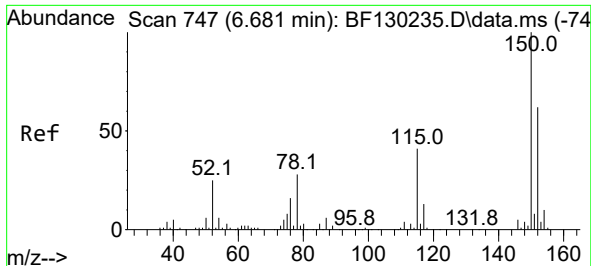
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130489.D
Acq On : 30 Sep 2022 17:47
Operator : CG\JU
Sample : N4898-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

Quant Time: Oct 01 01:36:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

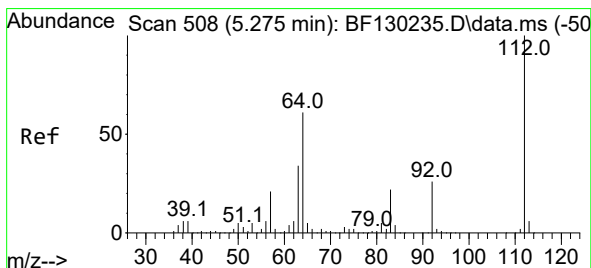
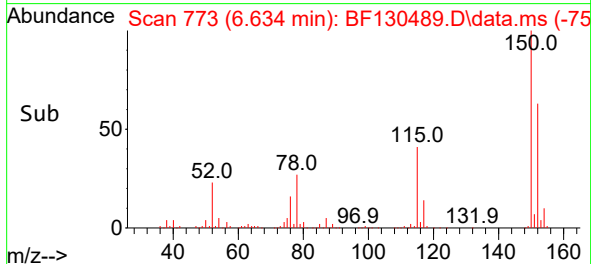
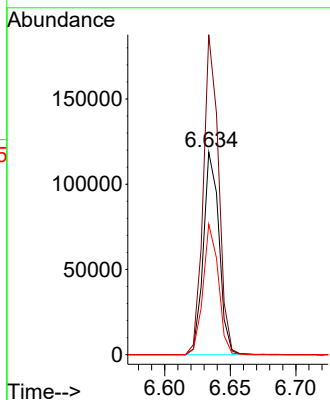
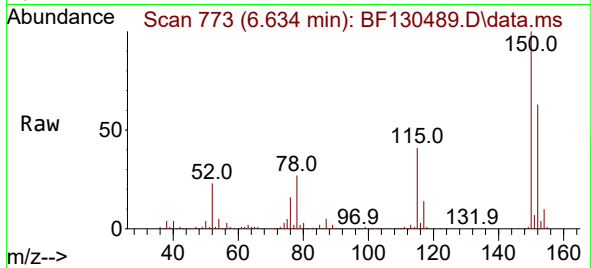




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130489.D
 Acq: 30 Sep 2022 17:47

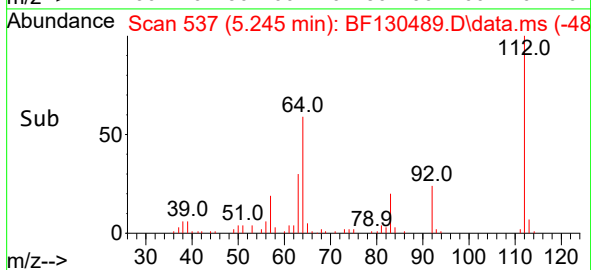
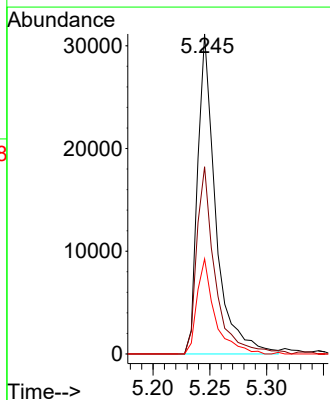
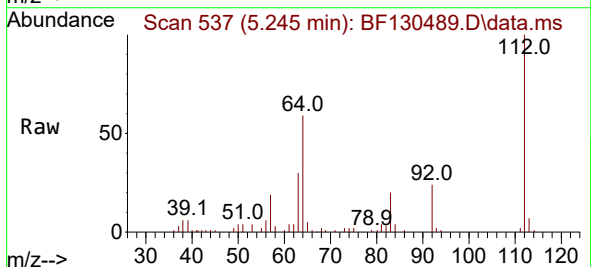
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-11RE

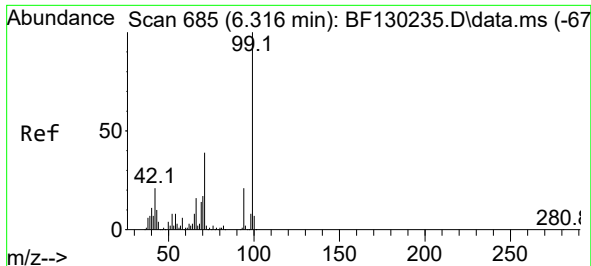
Tgt Ion:152 Resp: 99081
 Ion Ratio Lower Upper
 152 100
 150 158.0 122.8 184.2
 115 64.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 6.043 ng
 RT: 5.245 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: BF130489.D
 Acq: 30 Sep 2022 17:47

Tgt Ion:112 Resp: 34523
 Ion Ratio Lower Upper
 112 100
 64 58.5 51.4 77.0
 63 29.7 28.8 43.2

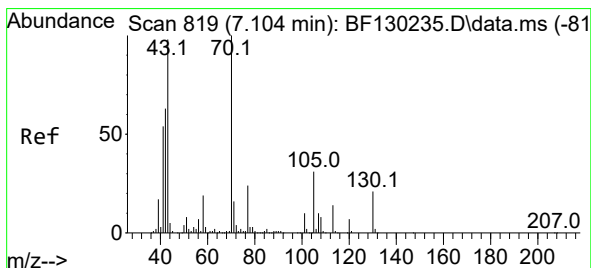
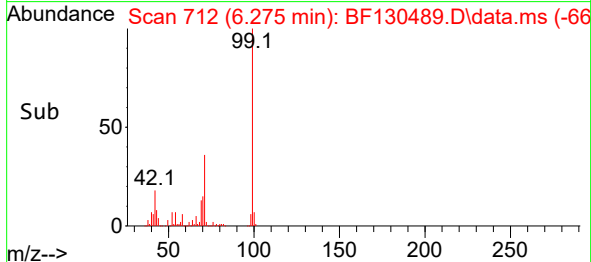
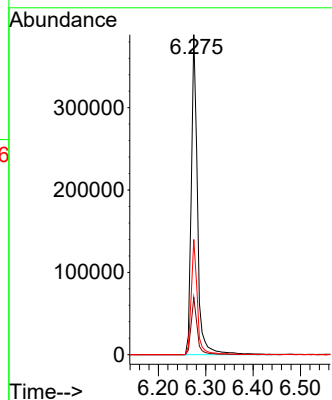
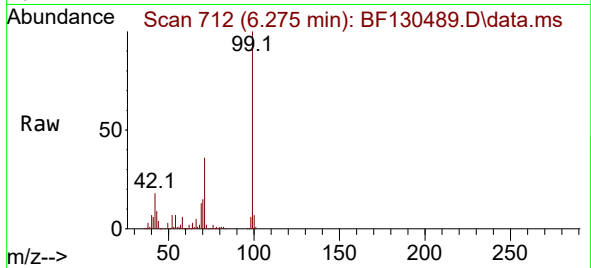




#7
Phenol-d6
Concen: 49.747 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

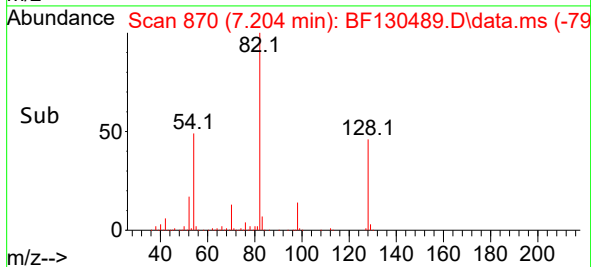
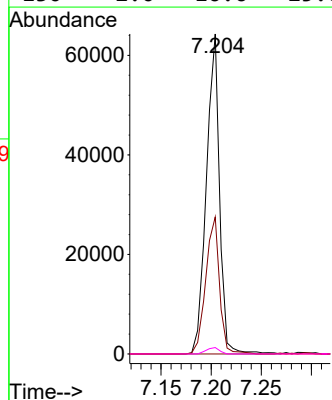
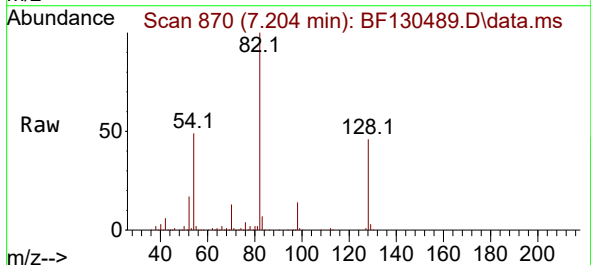
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

Tgt Ion: 99 Resp: 355572
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 36.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.240 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 70 Resp: 59036
Ion Ratio Lower Upper
70 100
42 42.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

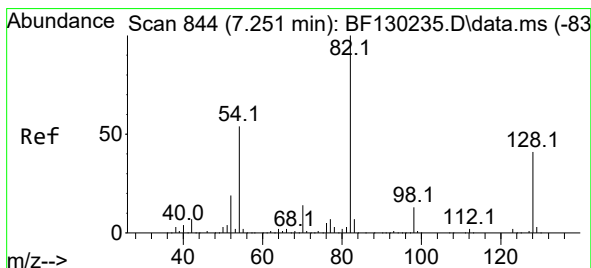
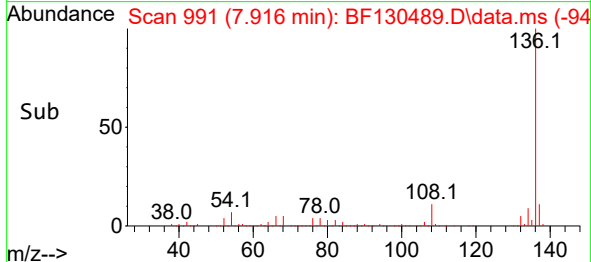
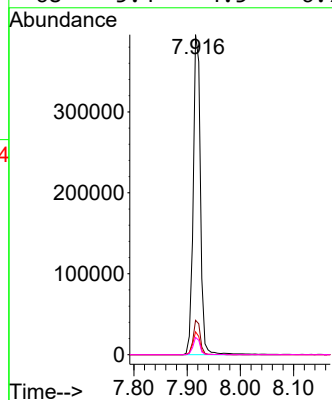
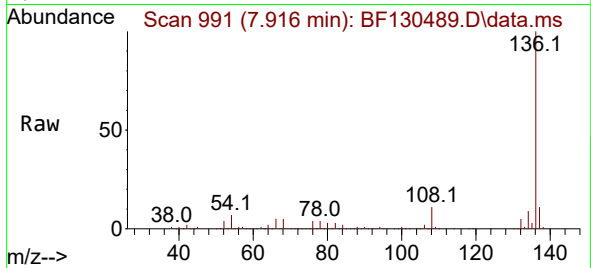




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

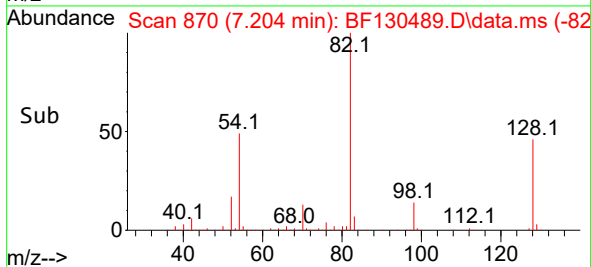
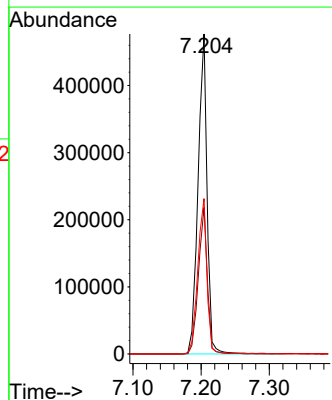
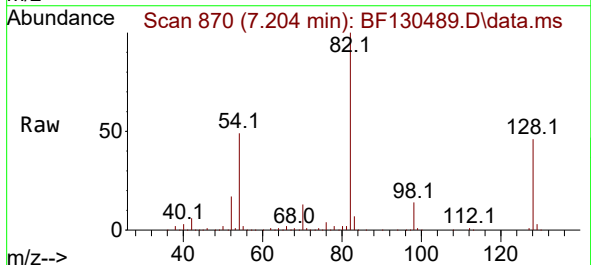
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

Tgt Ion:136 Resp: 374641
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.2 7.1 10.7
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 59.744 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 82 Resp: 438115
Ion Ratio Lower Upper
82 100
128 45.8 32.6 49.0
54 48.5 43.8 65.6

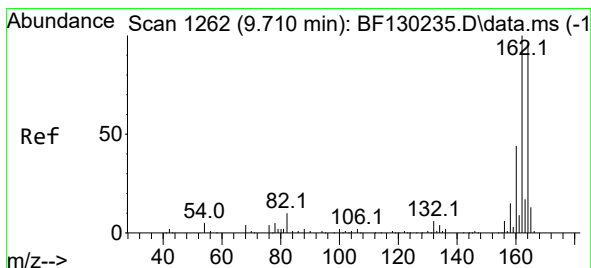
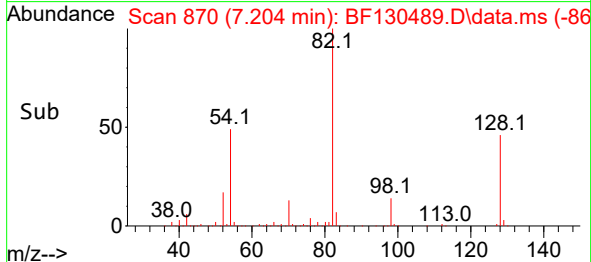
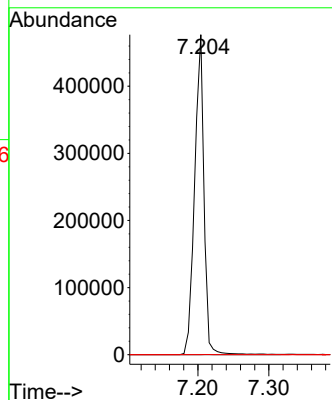
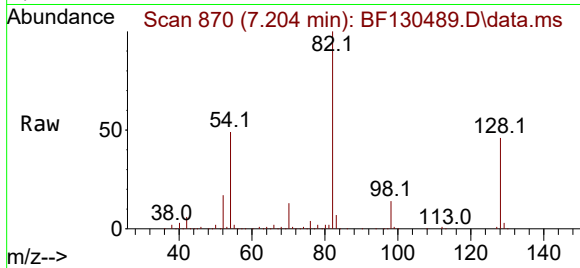




#25
Isophorone
Concen: 37.067 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

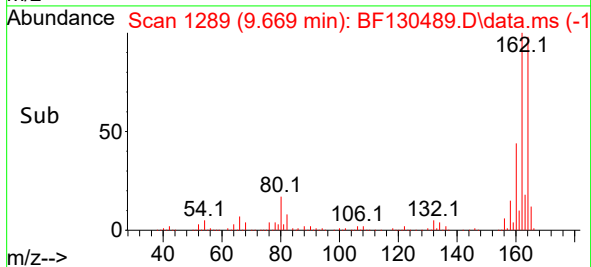
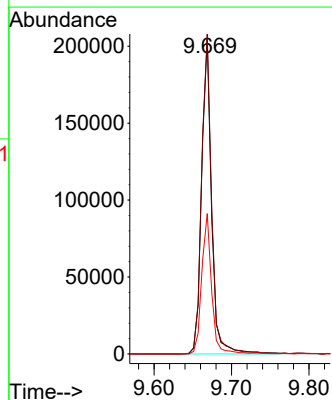
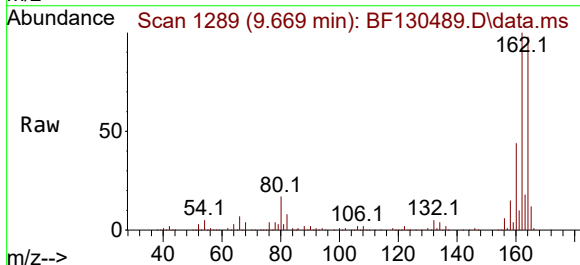
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

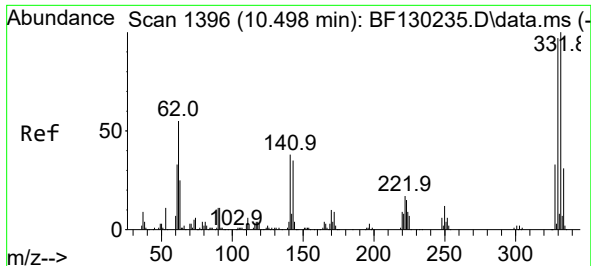
Tgt Ion: 82 Resp: 438110
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

Tgt Ion:164 Resp: 182716
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 0.127 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130489.D

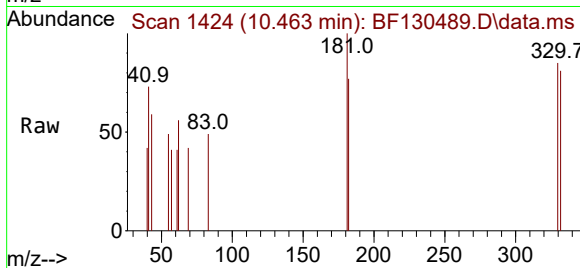
Acq: 30 Sep 2022 17:47

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-11RE



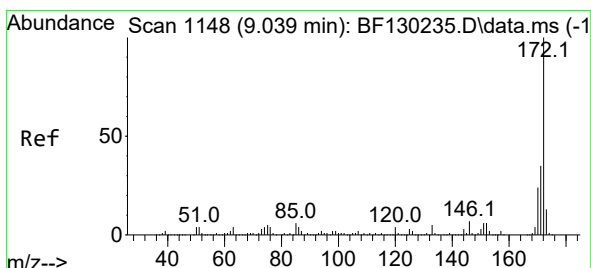
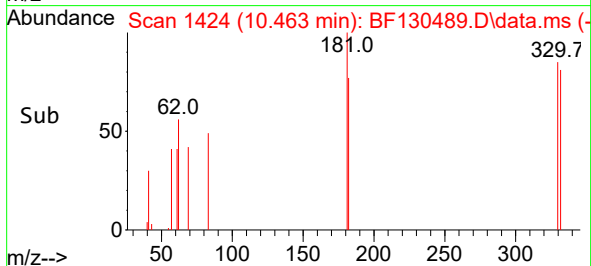
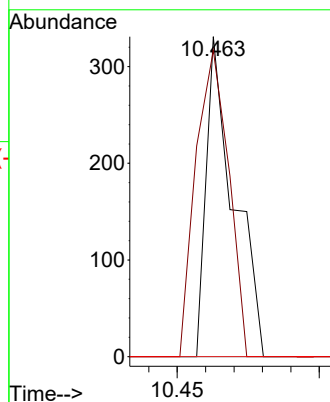
Tgt Ion:330 Resp: 223

Ion Ratio Lower Upper

330 100

332 114.3 83.4 125.2

141 0.0 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 67.270 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130489.D

Acq: 30 Sep 2022 17:47

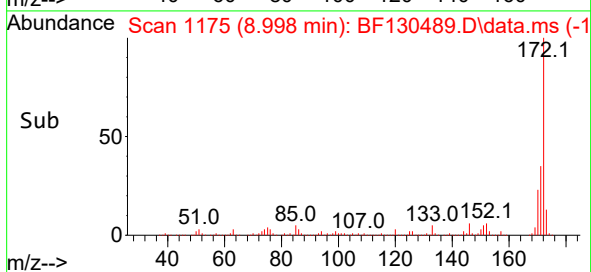
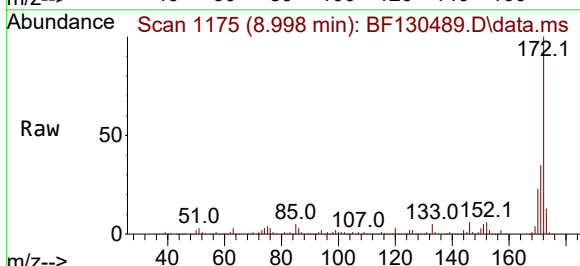
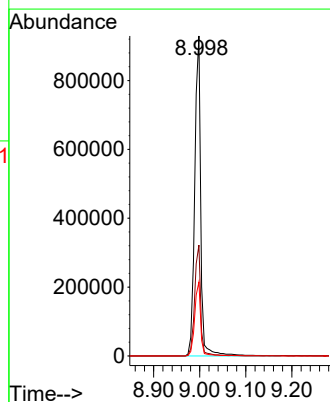
Tgt Ion:172 Resp: 844068

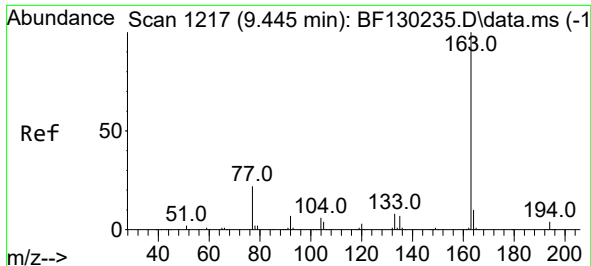
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.1 18.7 28.1

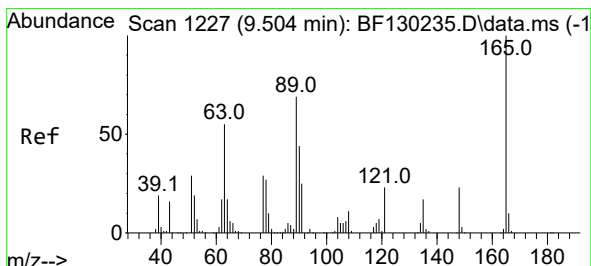
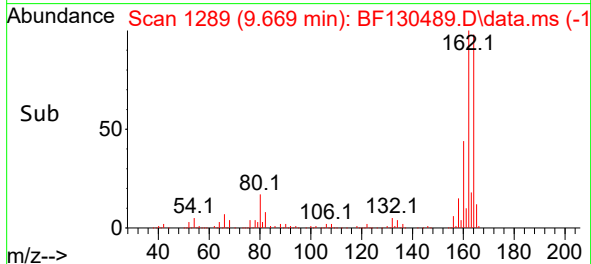
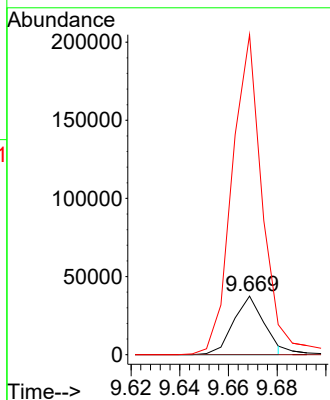
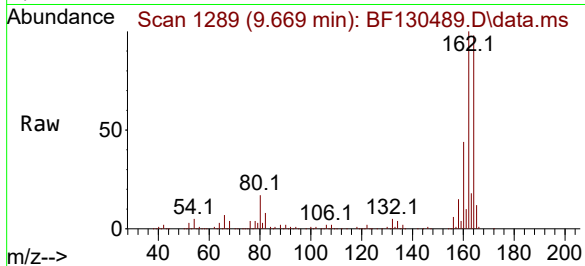




#50
Dimethylphthalate
Concen: 2.588 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.253 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

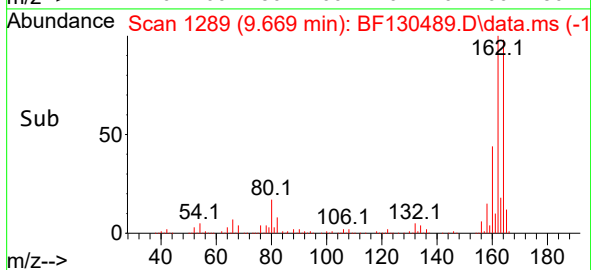
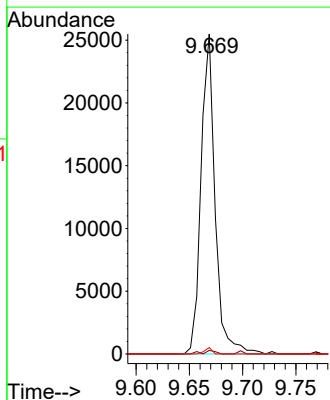
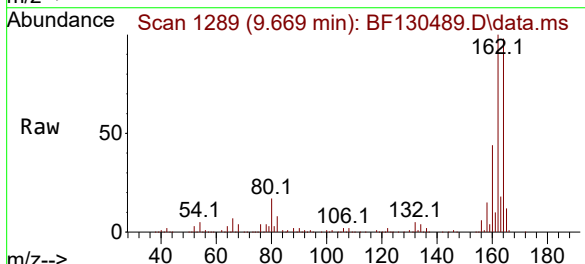
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

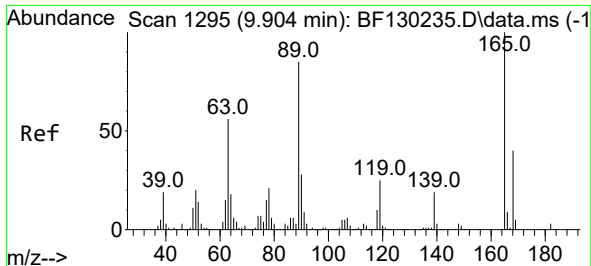
Tgt Ion:163 Resp: 32665
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 546.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.903 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

Tgt Ion:165 Resp: 23500
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 2.0 54.5 81.7#

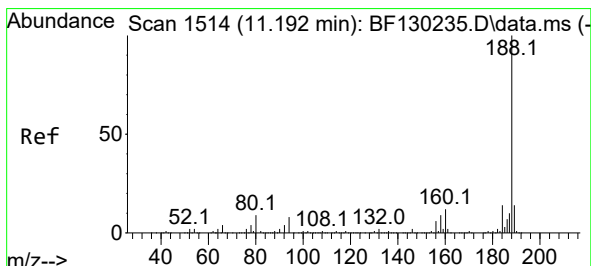
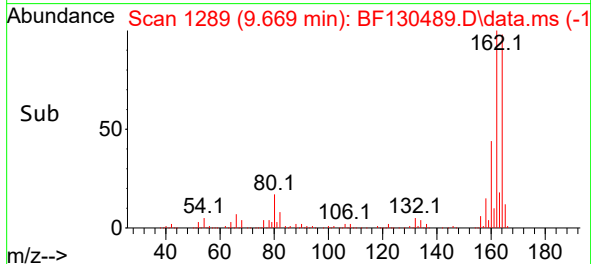
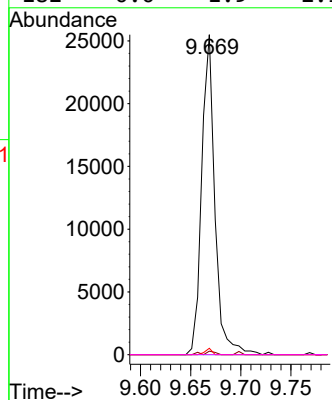
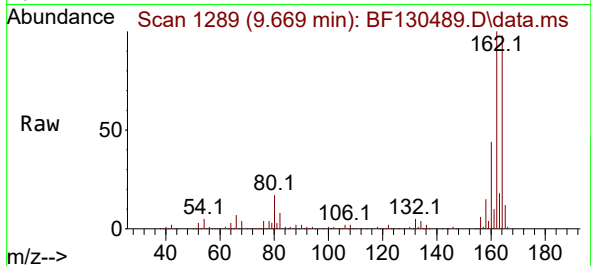




#57
2,4-Dinitrotoluene
Concen: 6.965 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

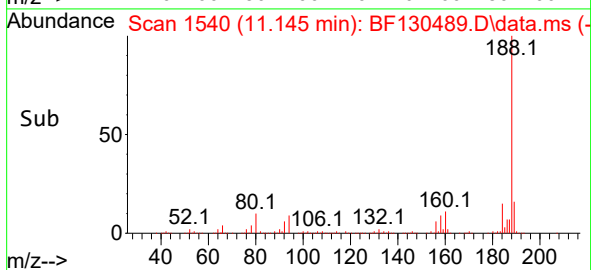
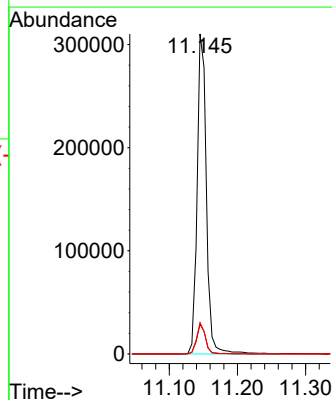
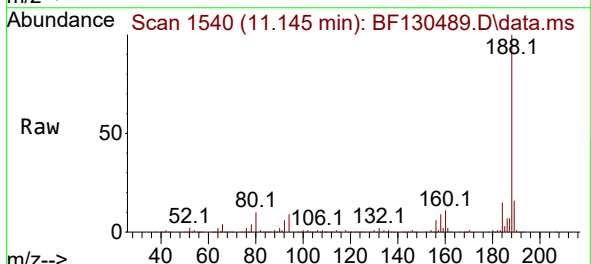
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

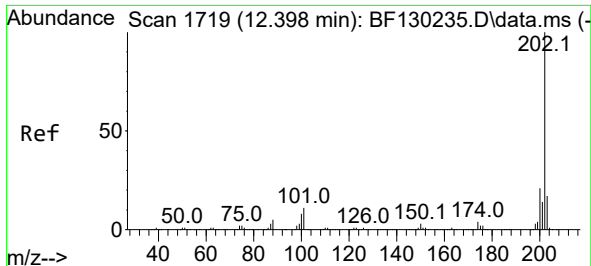
Tgt Ion:165 Resp: 23496
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 2.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

Tgt Ion:188 Resp: 291979
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.8 7.9 11.9

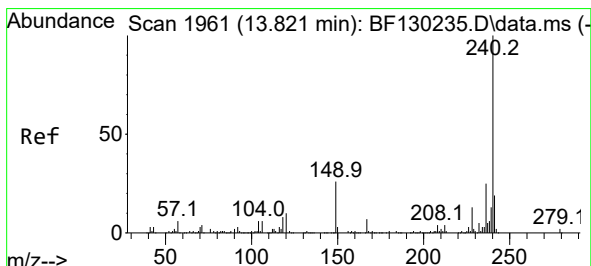
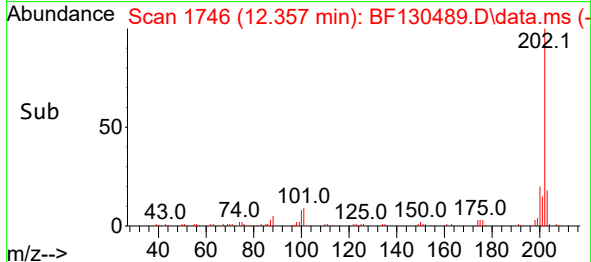
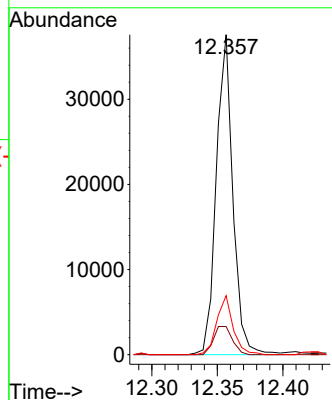
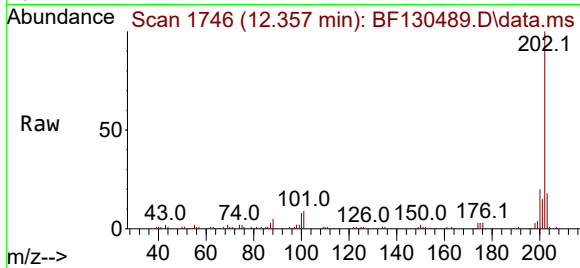




#75
Fluoranthene
Concen: 2.084 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

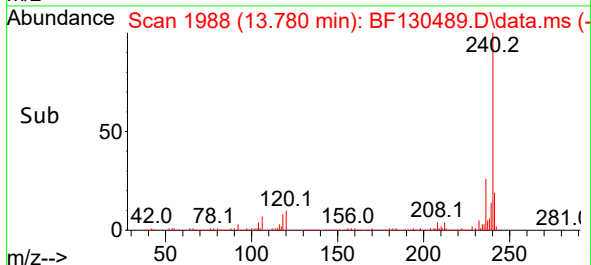
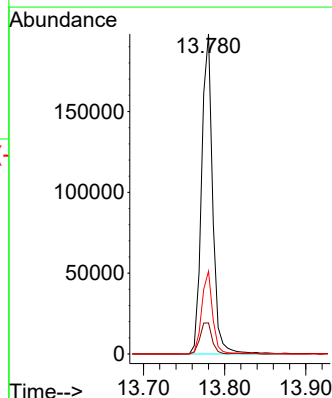
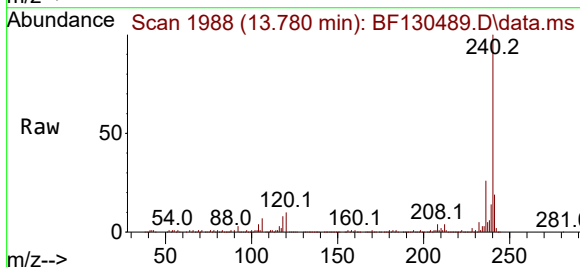
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

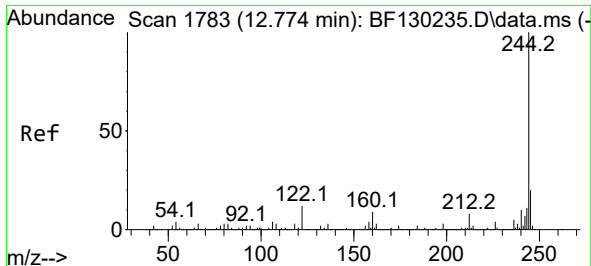
Tgt Ion:202 Resp: 33015
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.8
203 18.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130489.D
Acq: 30 Sep 2022 17:47

Tgt Ion:240 Resp: 187615
Ion Ratio Lower Upper
240 100
120 9.7 8.7 13.1
236 25.9 20.9 31.3

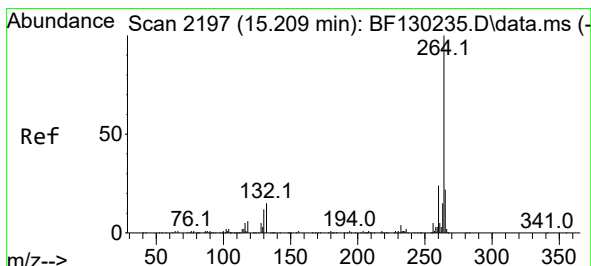
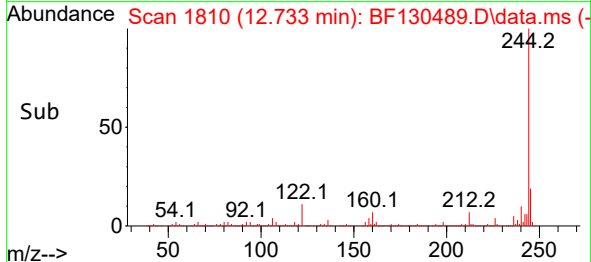
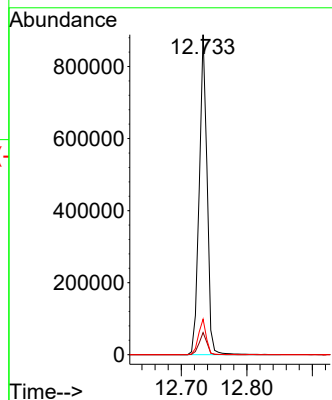
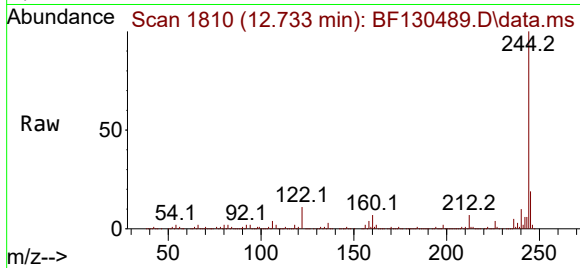




#79
 Terphenyl-d14
 Concen: 65.390 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130489.D
 Acq: 30 Sep 2022 17:47

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-11RE

Tgt Ion:244 Resp: 740613
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130489.D
 Acq: 30 Sep 2022 17:47

Tgt Ion:264 Resp: 226933
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 20.7 17.0 25.4

