

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130482.D
 Acq On : 30 Sep 2022 14:05
 Operator : CG\JU
 Sample : N4897-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10

Quant Time: Oct 01 01:34:53 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)

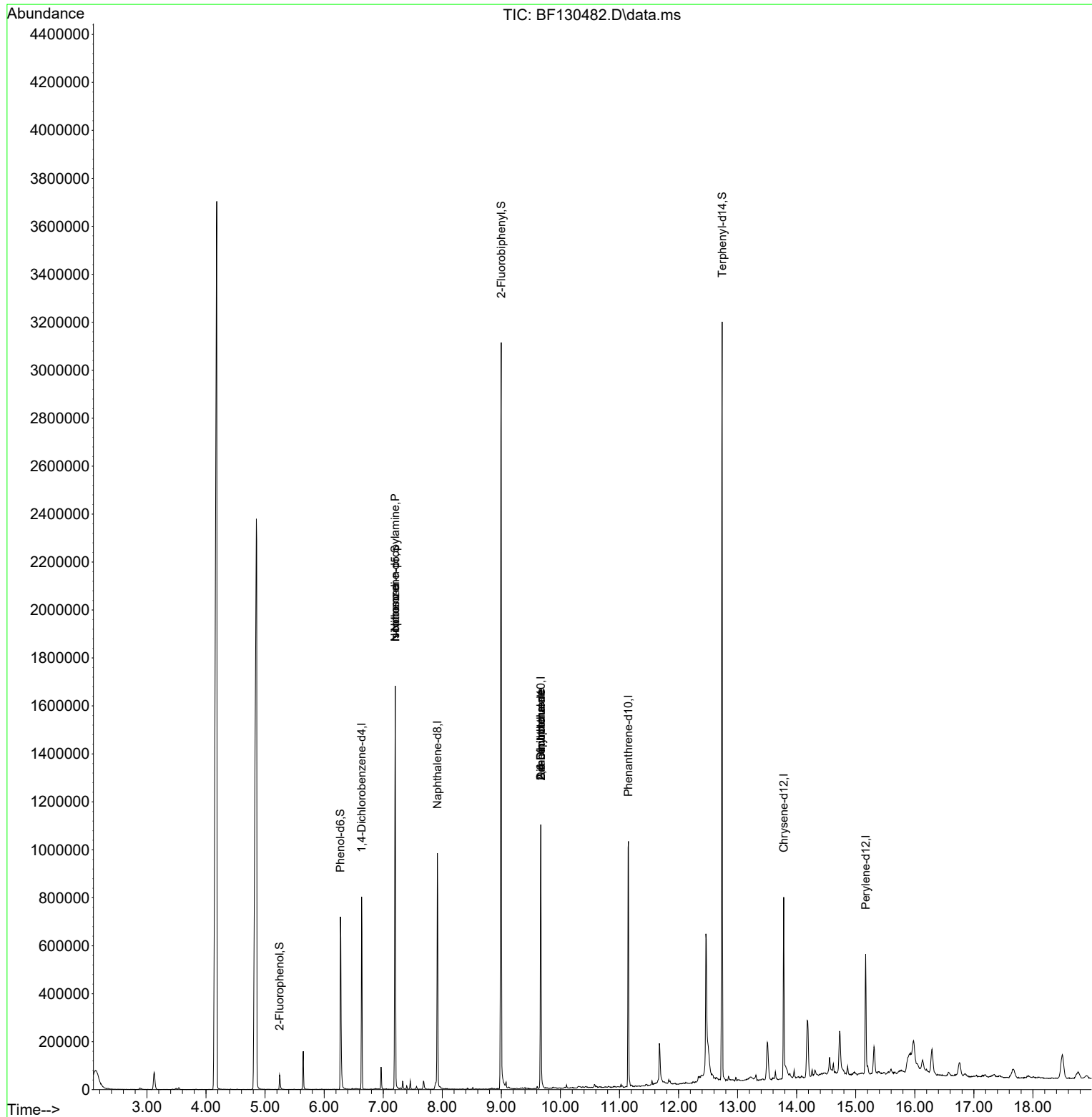
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	113287	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	447154	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	231696	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	396985	20.000	ng	0.00
76) Chrysene-d12	13.780	240	247516	20.000	ng	-0.01
86) Perylene-d12	15.168	264	224303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	20499	3.138	ng	0.00
7) Phenol-d6	6.275	99	278251	34.047	ng	-0.02
23) Nitrobenzene-d5	7.204	82	526192	60.119	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	213	0.096	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1057571	66.467	ng	-0.01
79) Terphenyl-d14	12.739	244	1053590	70.511	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	70582	12.799	ng	# 72
25) Isophorone	7.204	82	525115	37.224	ng	# 66
50) Dimethylphthalate	9.669	163	42425	2.651	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	30121	8.999	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	30121	7.041	ng	# 16

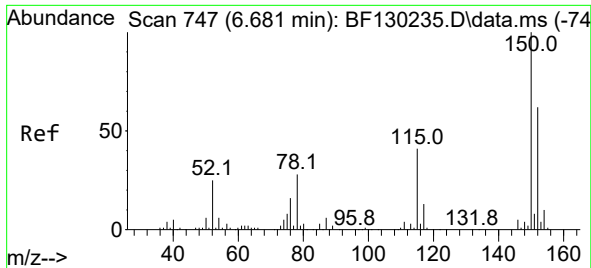
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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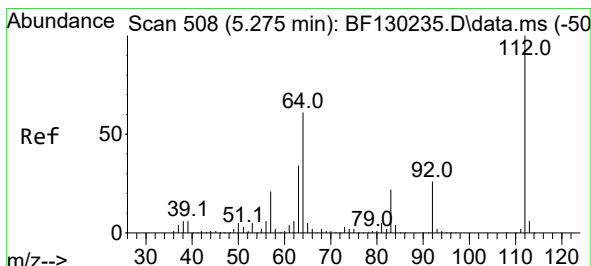
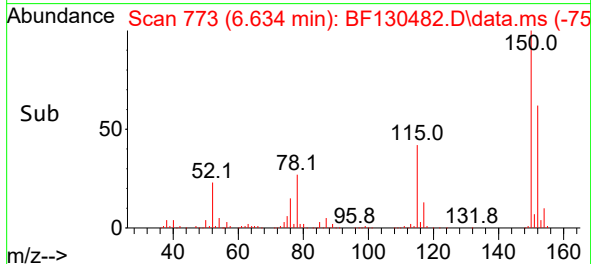
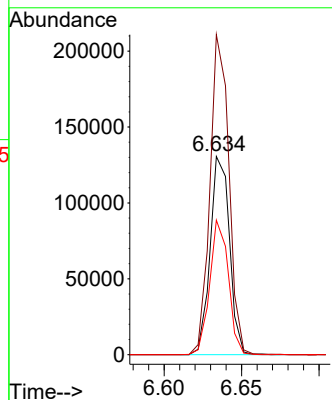
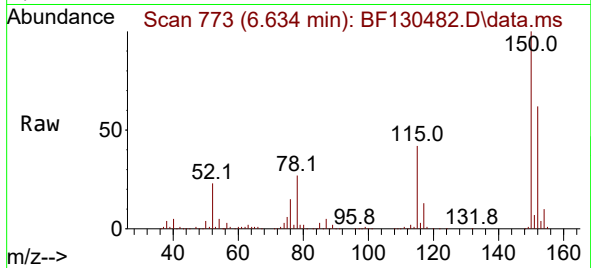




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130482.D
 Acq: 30 Sep 2022 14:05

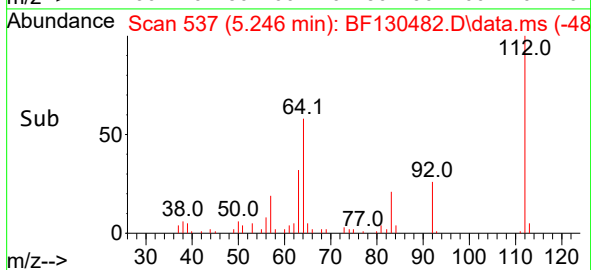
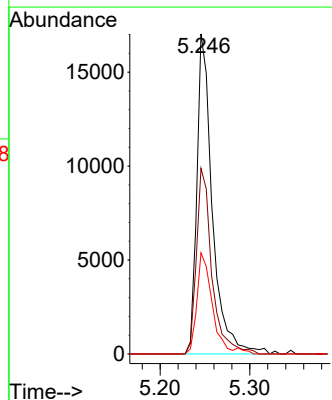
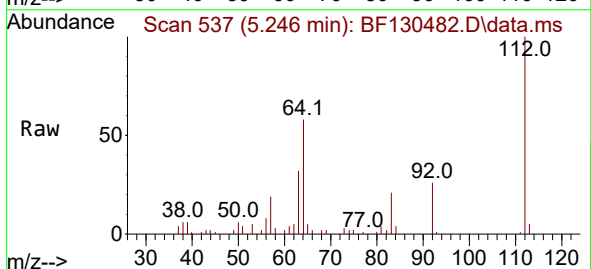
Instrument :
 BNA_F
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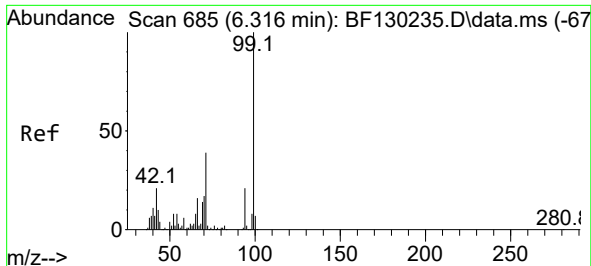
Tgt Ion:152 Resp: 113287
 Ion Ratio Lower Upper
 152 100
 150 161.4 122.8 184.2
 115 67.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 3.138 ng
 RT: 5.246 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: BF130482.D
 Acq: 30 Sep 2022 14:05

Tgt Ion:112 Resp: 20499
 Ion Ratio Lower Upper
 112 100
 64 58.0 51.4 77.0
 63 31.6 28.8 43.2

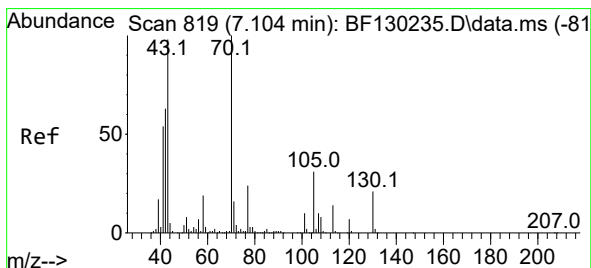
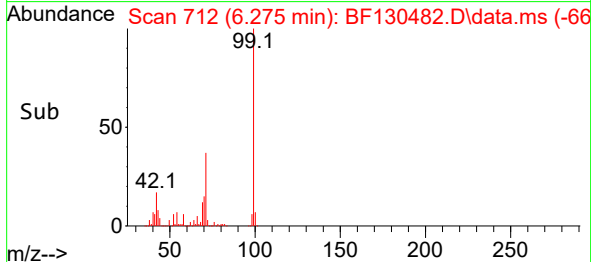
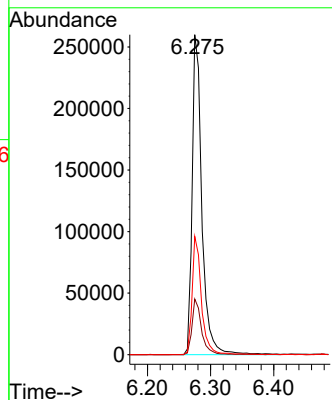
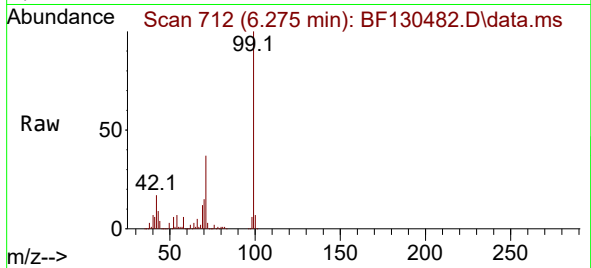




#7
Phenol-d6
Concen: 34.047 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

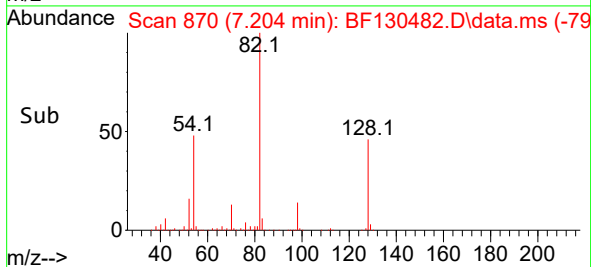
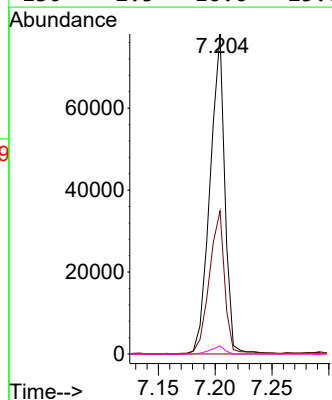
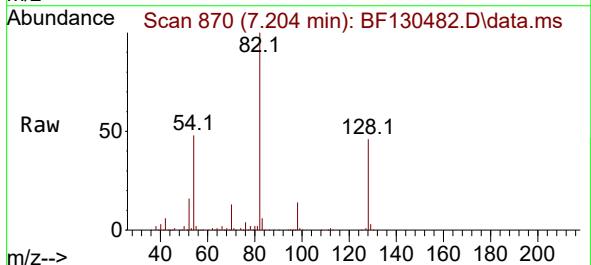
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-10

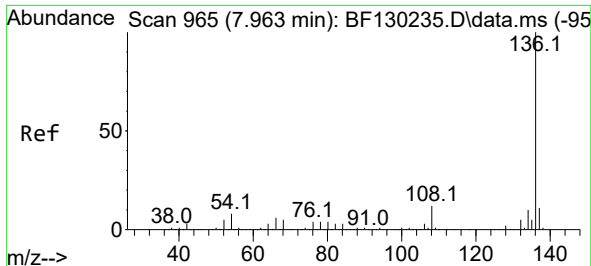
Tgt Ion: 99 Resp: 278251
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 37.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.799 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 70 Resp: 70582
Ion Ratio Lower Upper
70 100
42 44.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.5 16.6 25.0#

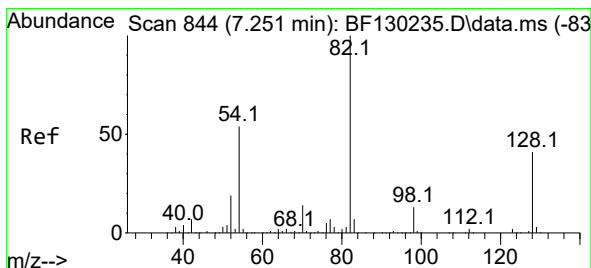
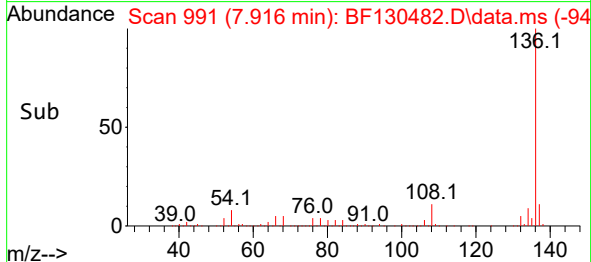
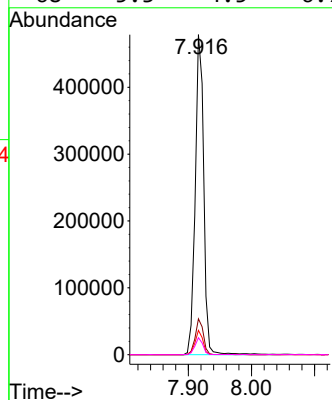
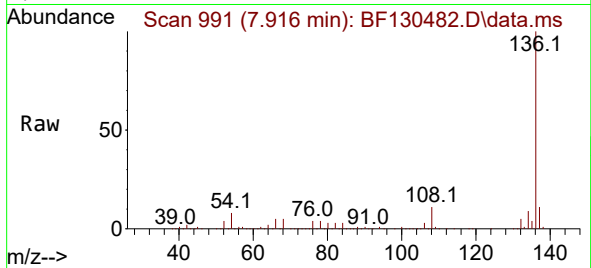




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

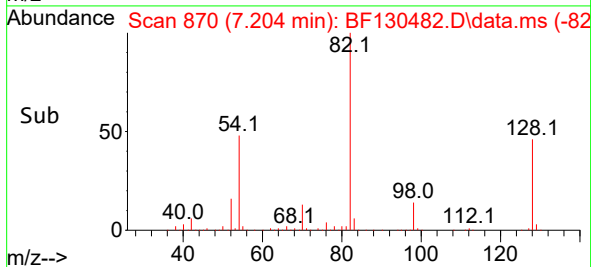
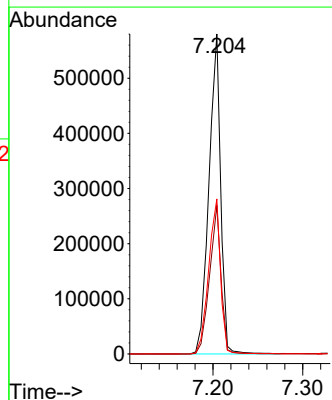
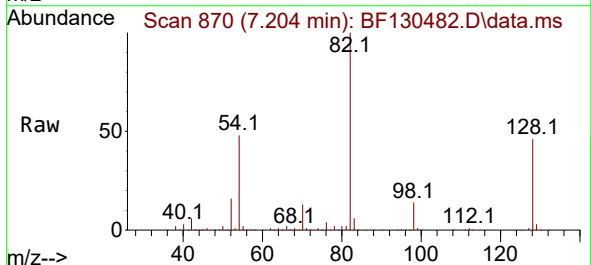
Instrument :
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ClientSampleId :
CRUSHED-MASONRY-PILE-10

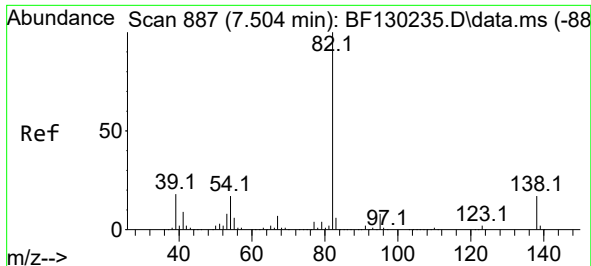
Tgt Ion:136 Resp: 447154
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.6 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 60.119 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 82 Resp: 526192
Ion Ratio Lower Upper
82 100
128 46.4 32.6 49.0
54 48.5 43.8 65.6

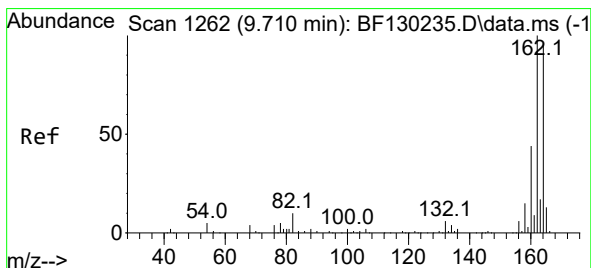
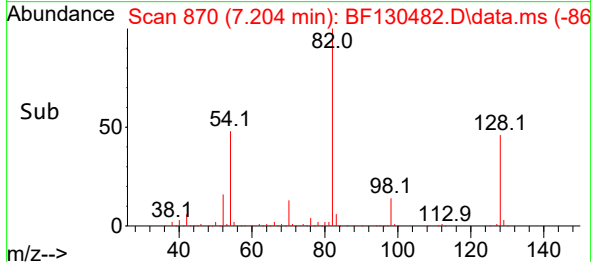
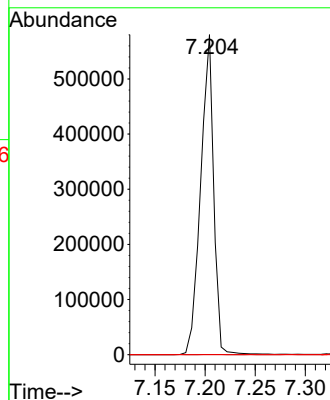
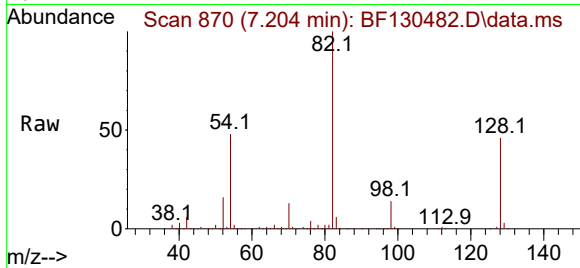




#25
Isophorone
Concen: 37.224 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

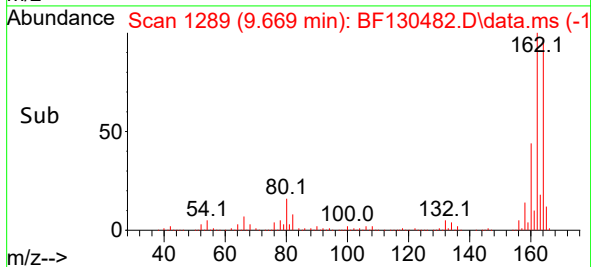
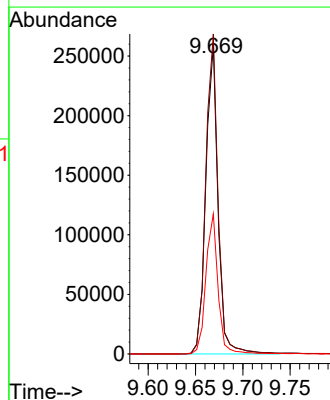
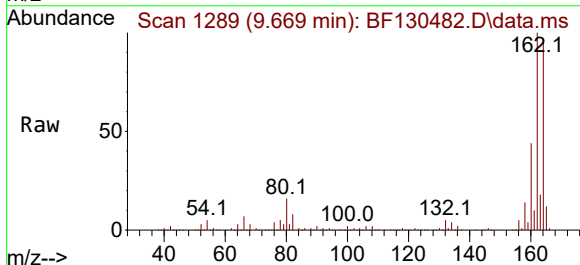
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-10

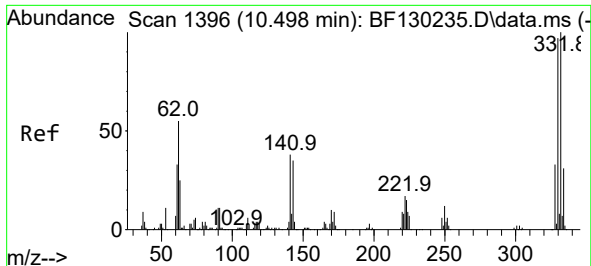
Tgt Ion: 82 Resp: 525115
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 164 Resp: 231696
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 0.096 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130482.D

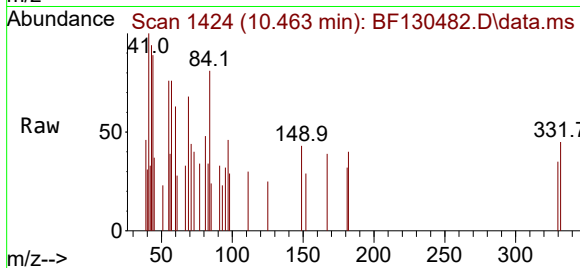
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Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-10



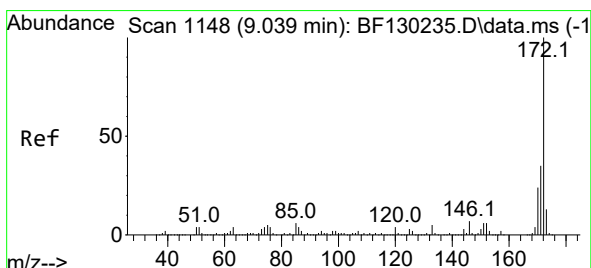
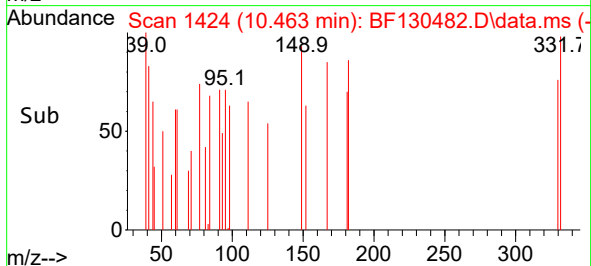
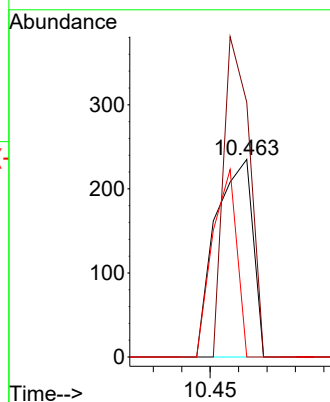
Tgt Ion:330 Resp: 213

Ion Ratio Lower Upper

330 100

332 113.1 83.4 125.2

141 62.0 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 66.467 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130482.D

Acq: 30 Sep 2022 14:05

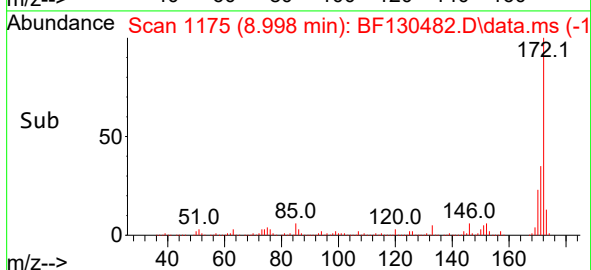
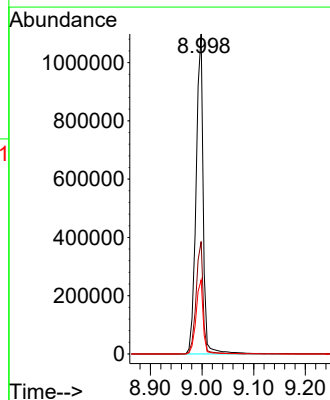
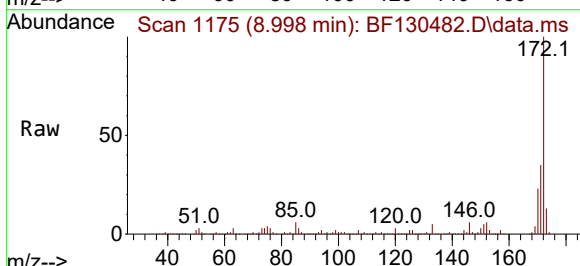
Tgt Ion:172 Resp: 1057571

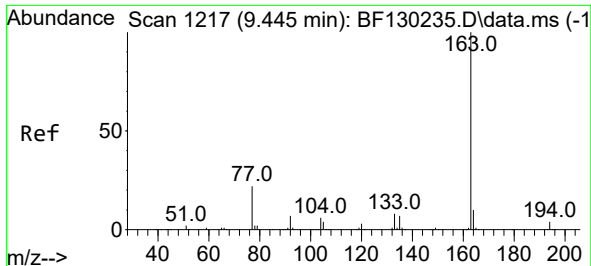
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 18.7 28.1

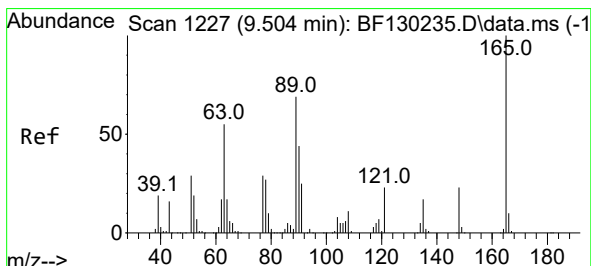
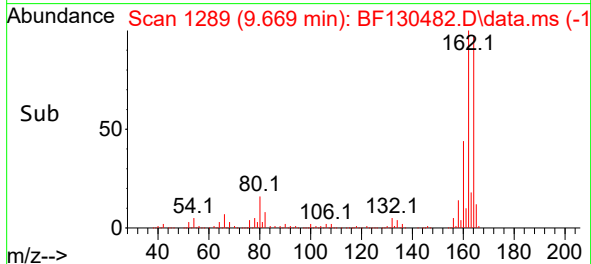
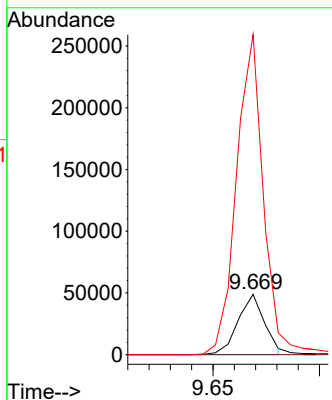
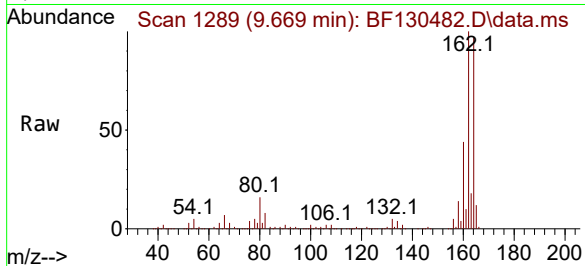




#50
Dimethylphthalate
Concen: 2.651 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.253 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

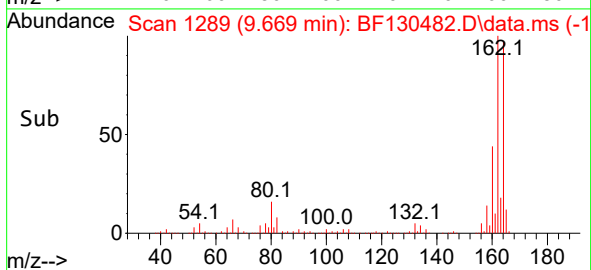
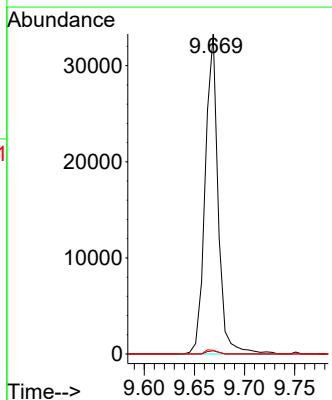
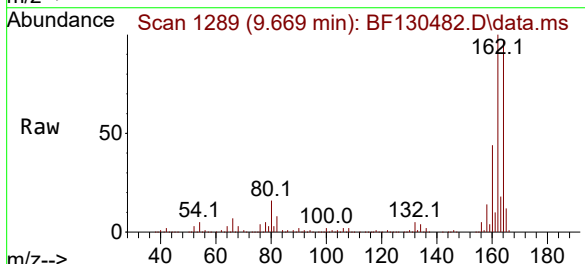
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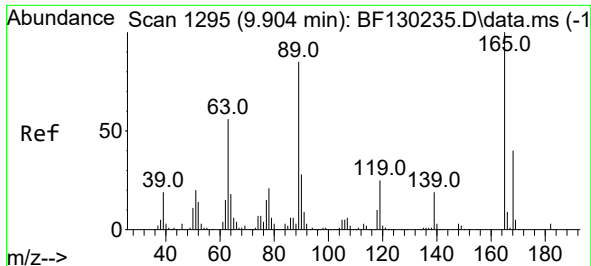
Tgt Ion:163 Resp: 42425
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 530.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.999 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

Tgt Ion:165 Resp: 30121
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.1 54.5 81.7#

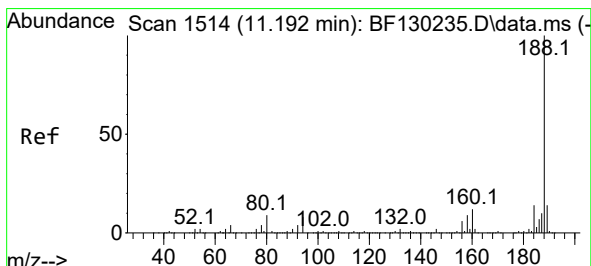
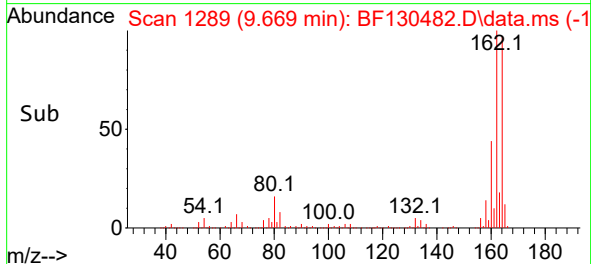
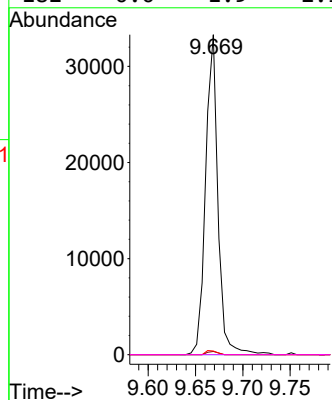
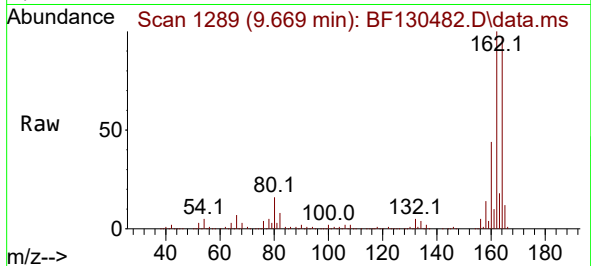




#57
2,4-Dinitrotoluene
Concen: 7.041 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

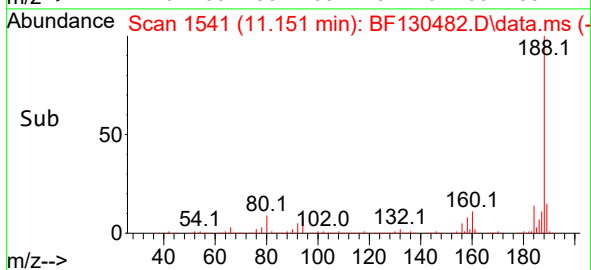
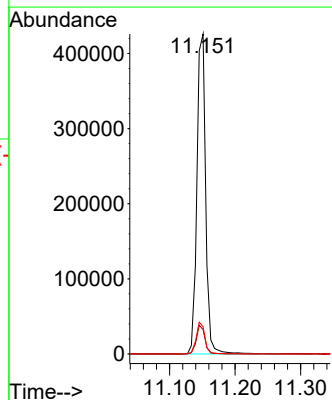
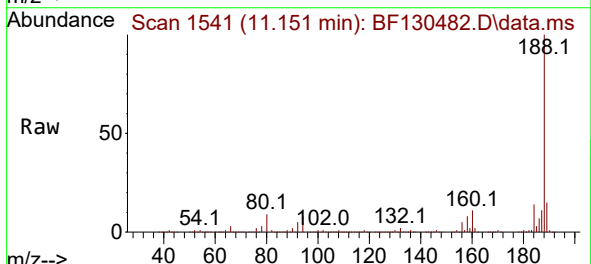
Instrument :
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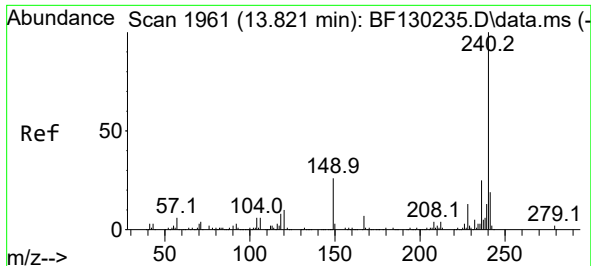
Tgt Ion:165 Resp: 30121
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.1 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

Tgt Ion:188 Resp: 396985
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 8.5 7.9 11.9

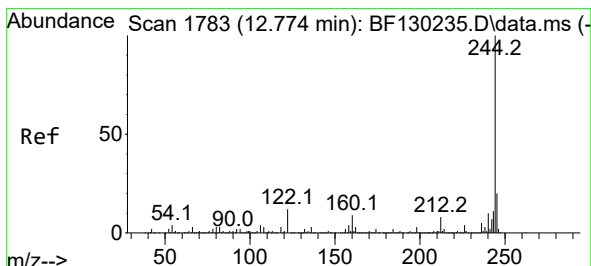
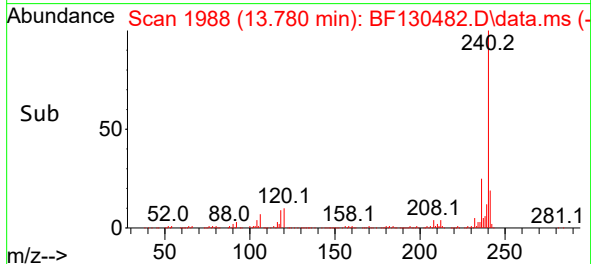
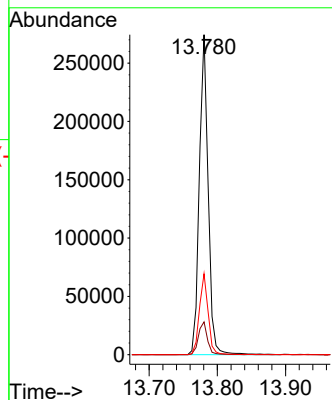
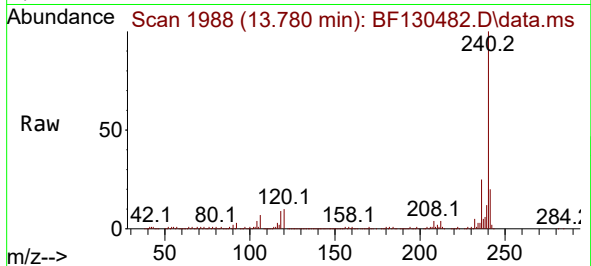




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1811
Delta R.T. -0.012 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

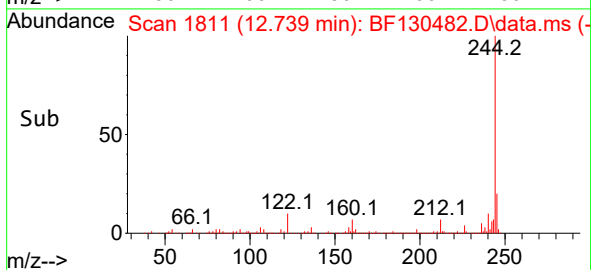
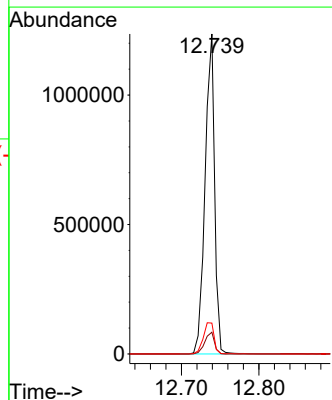
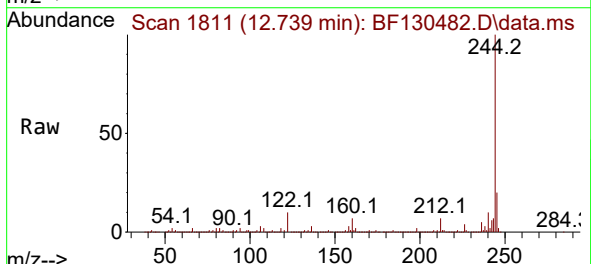
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-10

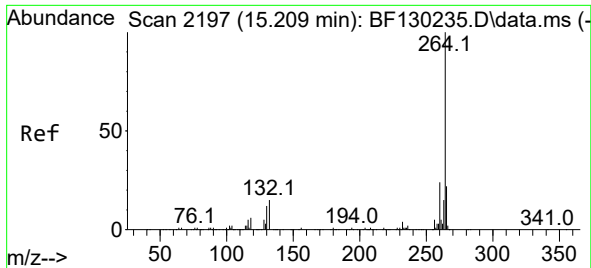
Tgt Ion:240 Resp: 247516
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 70.511 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF130482.D
Acq: 30 Sep 2022 14:05

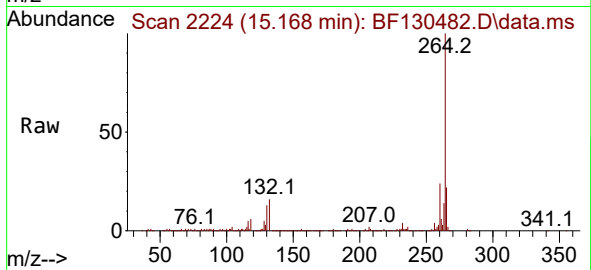
Tgt Ion:244 Resp: 1053590
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.7 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130482.D
 Acq: 30 Sep 2022 14:05

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10



Tgt Ion:264 Resp: 224303
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.0 17.0 25.4

