

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130484.D
 Acq On : 30 Sep 2022 15:07
 Operator : CG\JU
 Sample : N4896-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-9

Quant Time: Oct 01 01:35:19 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)

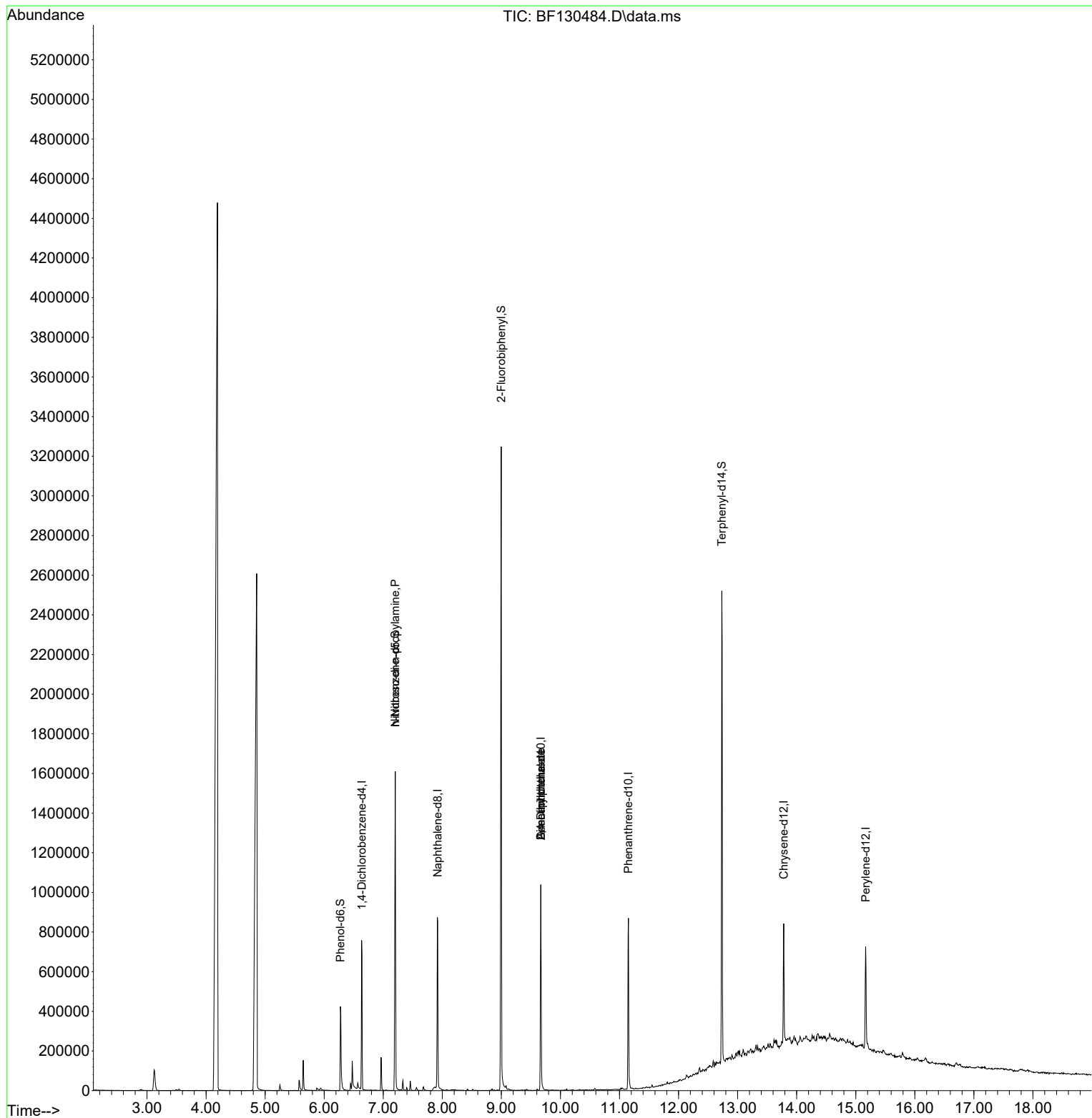
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.639	152	108747	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	423294	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	210759	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	339152	20.000	ng	0.00
76) Chrysene-d12	13.780	240	197667	20.000	ng	-0.01
86) Perylene-d12	15.168	264	228681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	10195	1.626	ng	0.00
7) Phenol-d6	6.275	99	170226	21.699	ng	-0.02
23) Nitrobenzene-d5	7.204	82	509430	61.484	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	57	0.028	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	987793	68.249	ng	-0.01
79) Terphenyl-d14	12.733	244	822248	68.906	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	67807	12.809	ng	# 72
50) Dimethylphthalate	9.669	163	38376	2.636	ng	# 1
57) 2,4-Dinitrotoluene	9.669	165	27367	7.033	ng	# 16

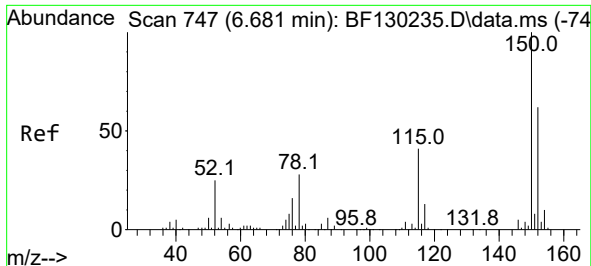
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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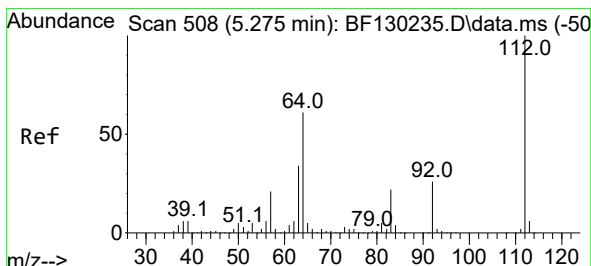
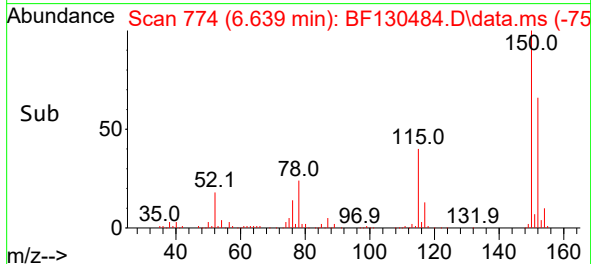
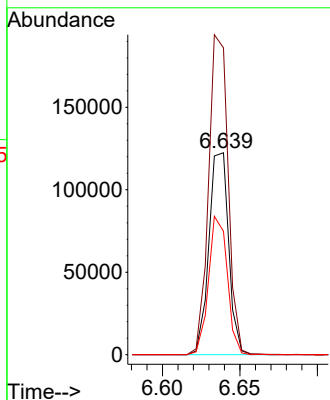
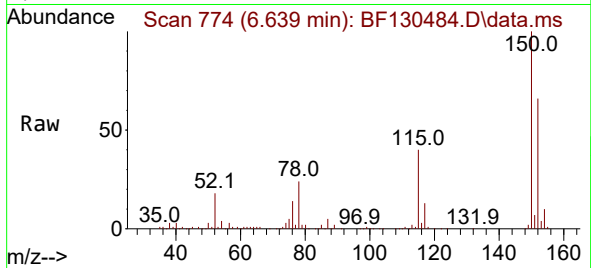




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.639 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130484.D
 Acq: 30 Sep 2022 15:07

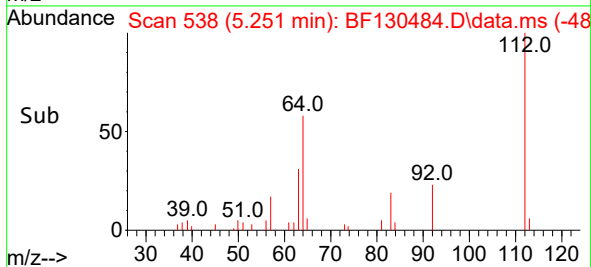
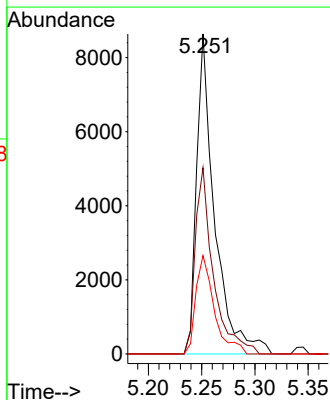
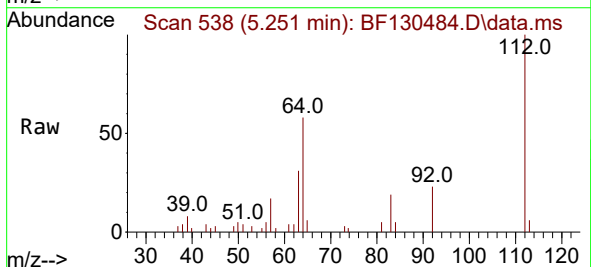
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-9

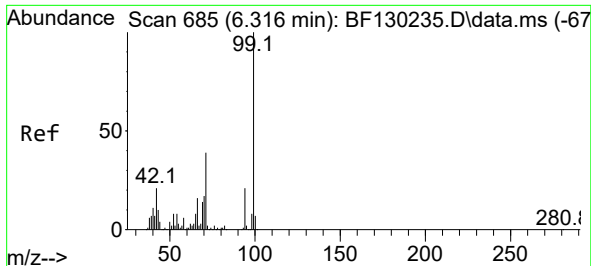
Tgt Ion:152 Resp: 108747
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.8 184.2
 115 61.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 1.626 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130484.D
 Acq: 30 Sep 2022 15:07

Tgt Ion:112 Resp: 10195
 Ion Ratio Lower Upper
 112 100
 64 58.2 51.4 77.0
 63 30.8 28.8 43.2

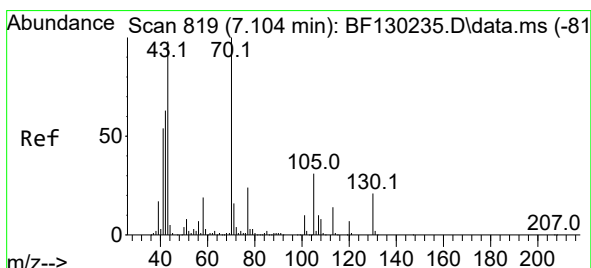
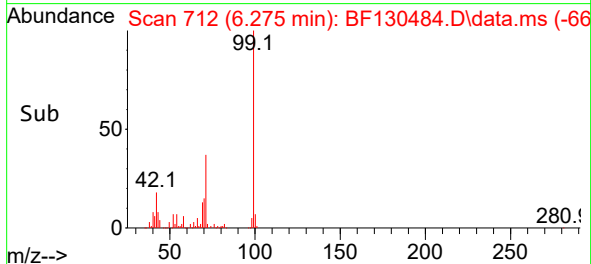
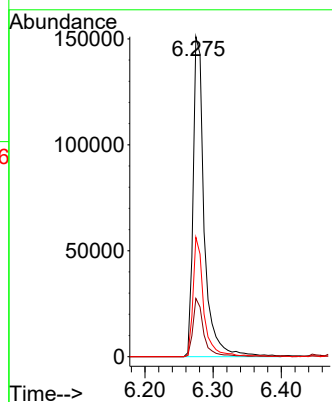
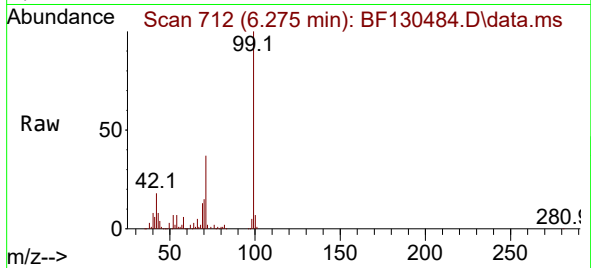




#7
Phenol-d6
Concen: 21.699 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

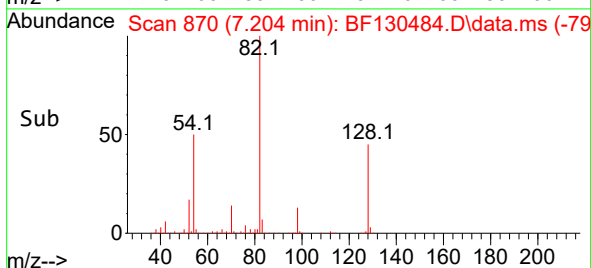
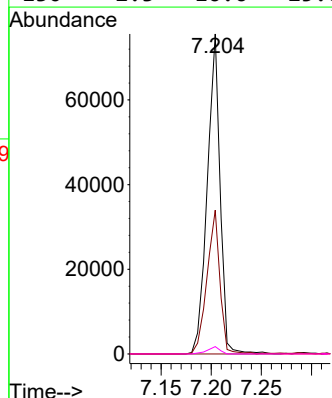
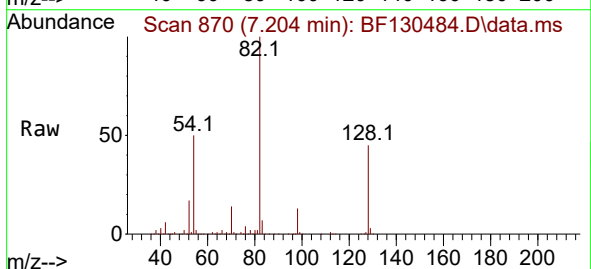
Instrument :
BNA_F
ClientSampleId :
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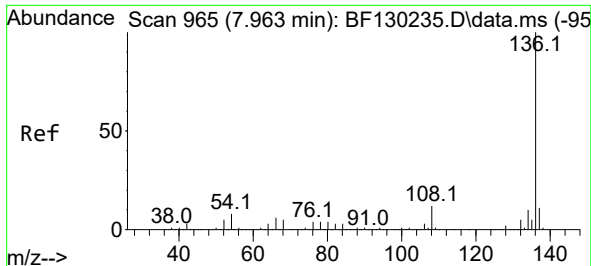
Tgt Ion: 99 Resp: 170226
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.809 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

Tgt Ion: 70 Resp: 67807
Ion Ratio Lower Upper
70 100
42 45.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

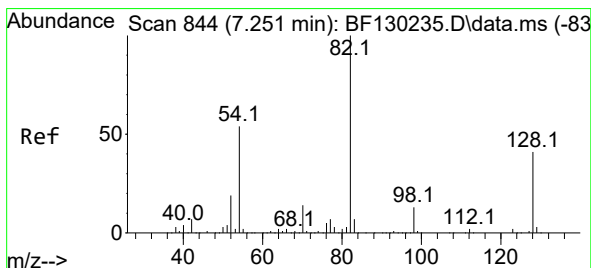
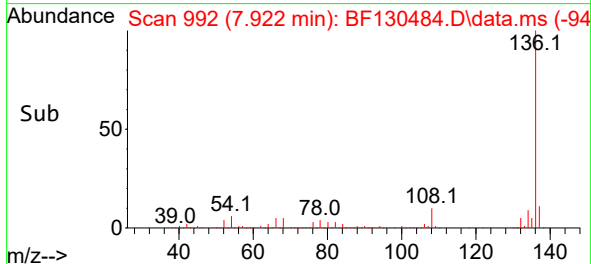
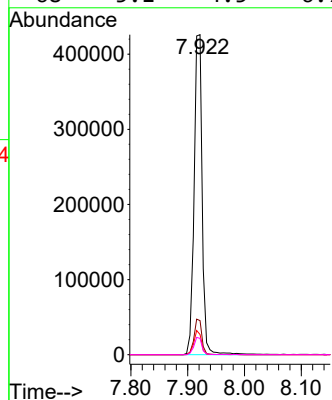
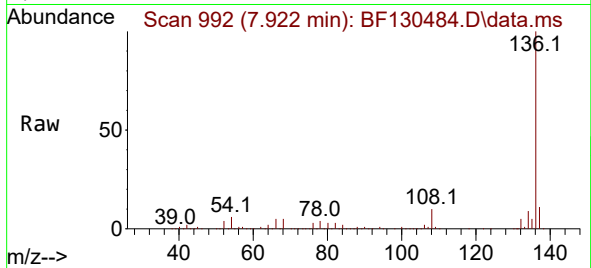




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

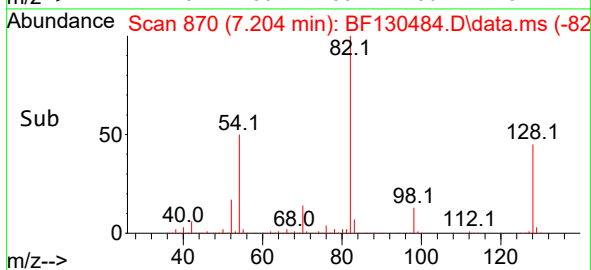
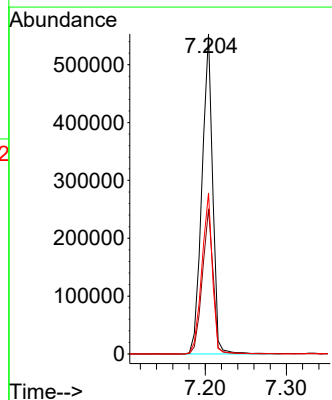
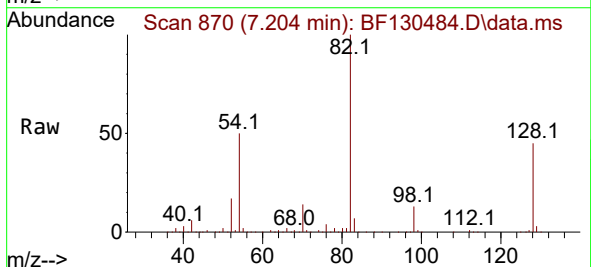
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9

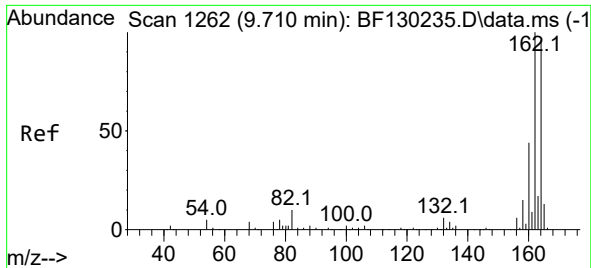
Tgt Ion:136 Resp: 423294
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.3 7.1 10.7#
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 61.484 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

Tgt Ion: 82 Resp: 509430
Ion Ratio Lower Upper
82 100
128 45.3 32.6 49.0
54 50.3 43.8 65.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130484.D

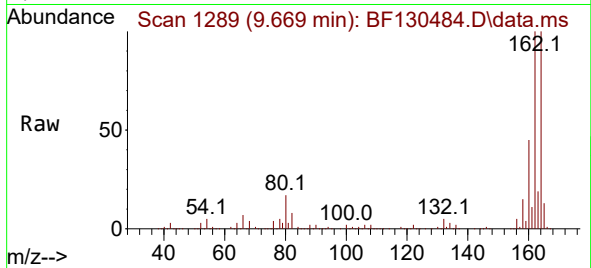
Acq: 30 Sep 2022 15:07

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-9



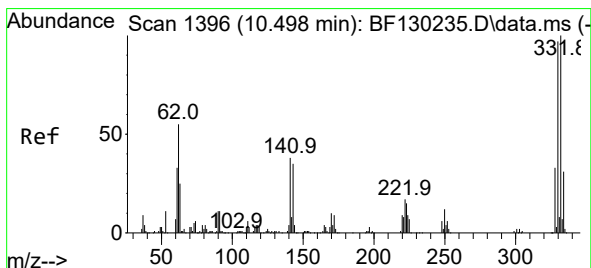
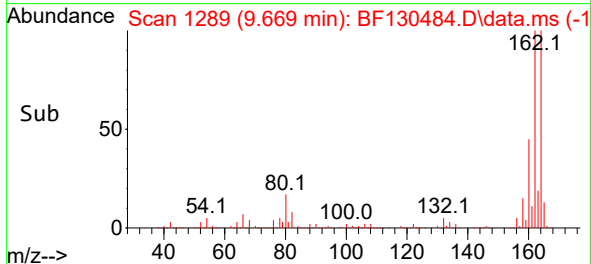
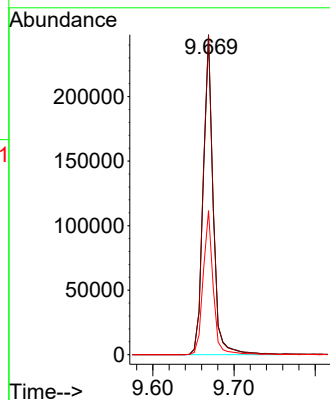
Tgt Ion:164 Resp: 210759

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

160 45.1 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 0.028 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130484.D

Acq: 30 Sep 2022 15:07

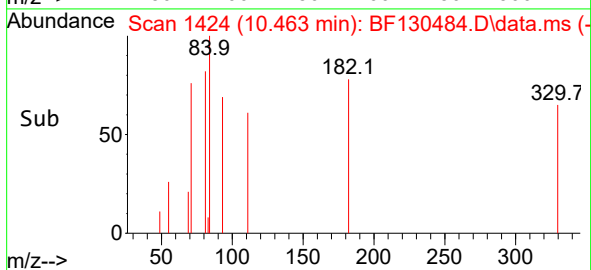
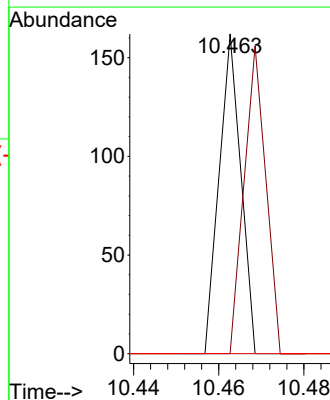
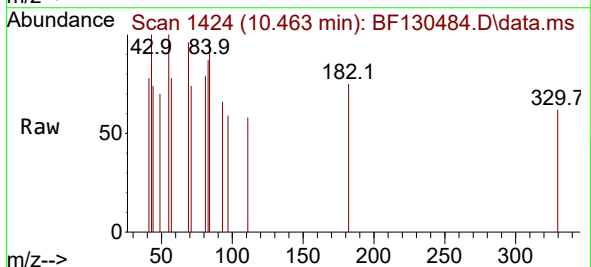
Tgt Ion:330 Resp: 57

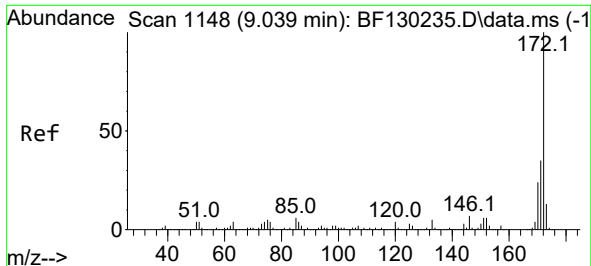
Ion Ratio Lower Upper

330 100

332 96.5 83.4 125.2

141 0.0 34.0 51.0#





#45

2-Fluorobiphenyl

Concen: 68.249 ng

RT: 8.998 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BF130484.D

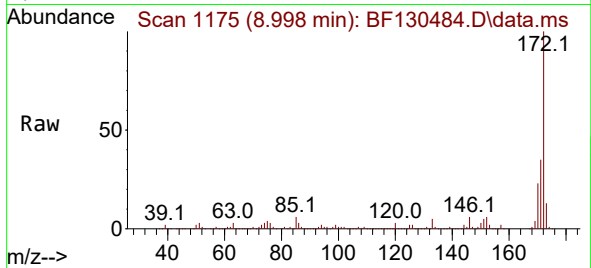
Acq: 30 Sep 2022 15:07

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-9



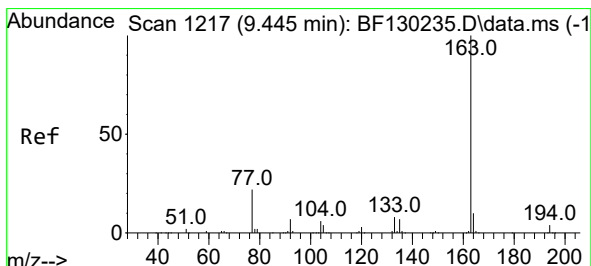
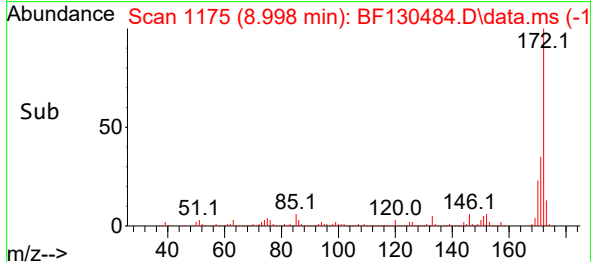
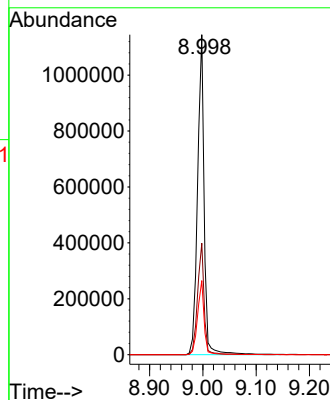
Tgt Ion:172 Resp: 987793

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.1 18.7 28.1



#50

Dimethylphthalate

Concen: 2.636 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.253 min

Lab File: BF130484.D

Acq: 30 Sep 2022 15:07

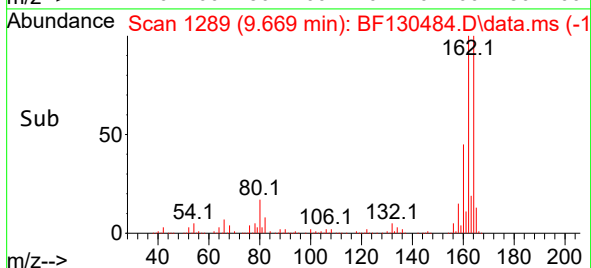
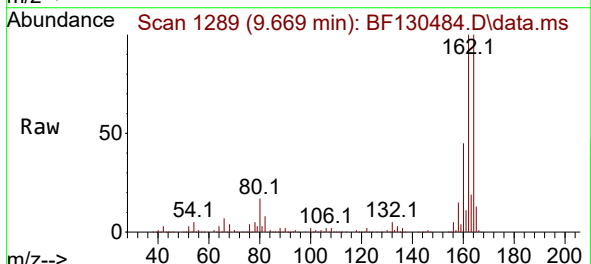
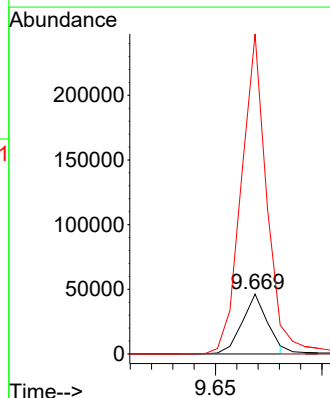
Tgt Ion:163 Resp: 38376

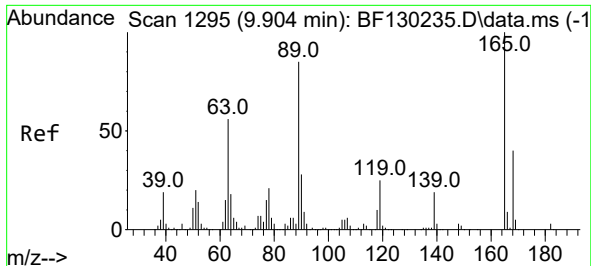
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 534.4 8.2 12.2#

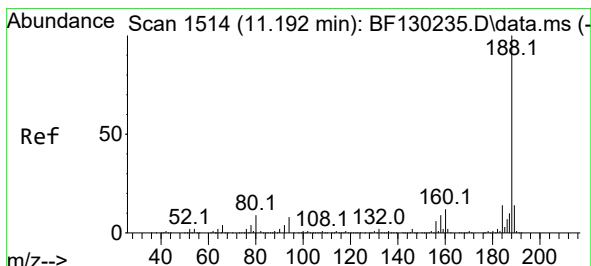
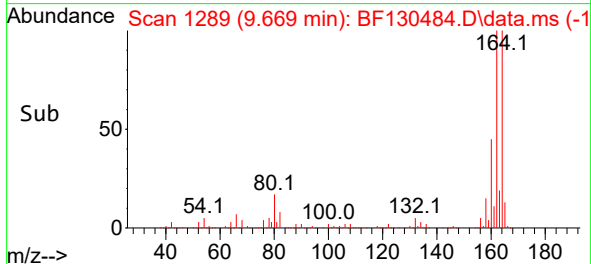
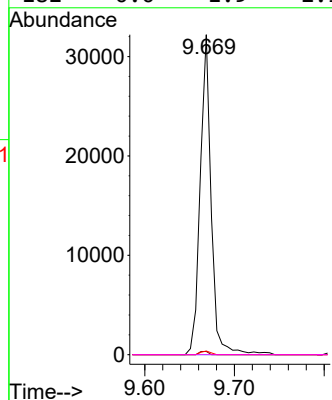
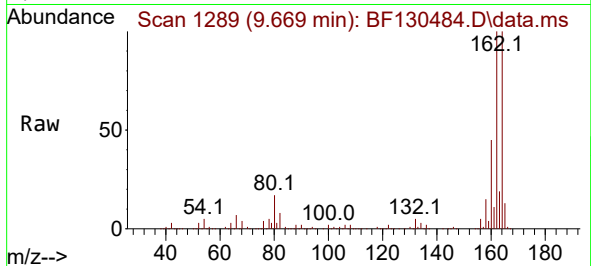




#57
2,4-Dinitrotoluene
Concen: 7.033 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

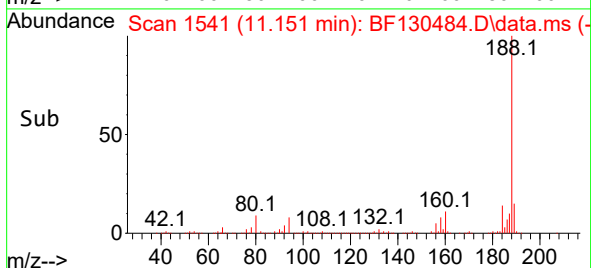
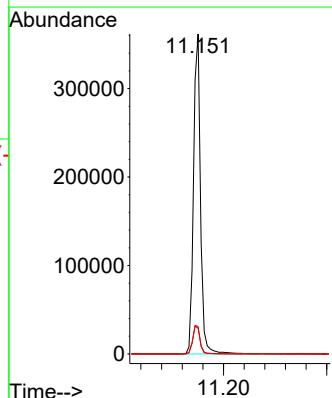
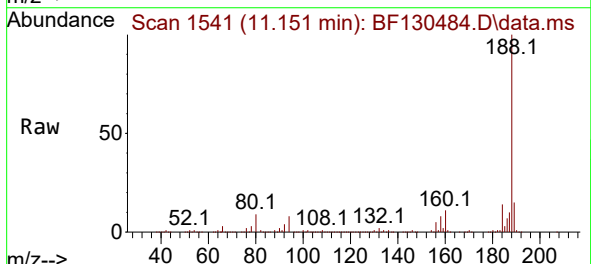
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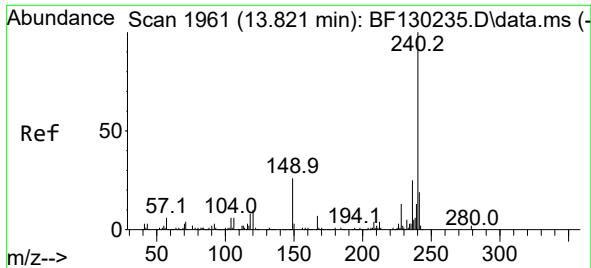
Tgt Ion:165 Resp: 27367
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

Tgt Ion:188 Resp: 339152
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.6 7.9 11.9

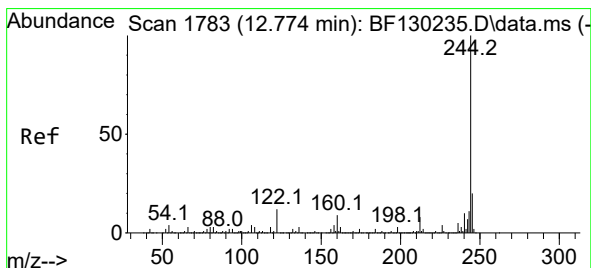
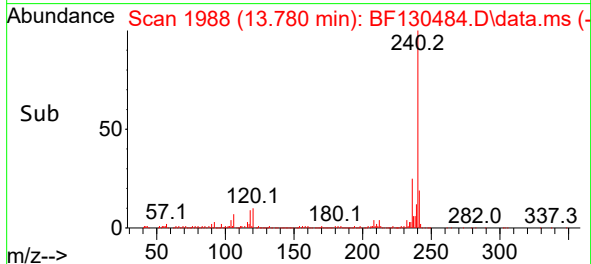
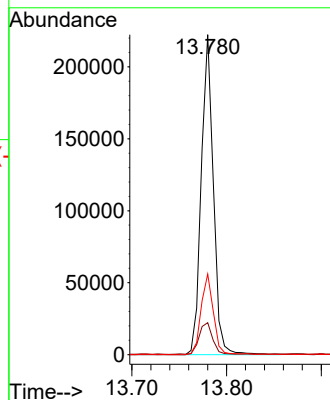
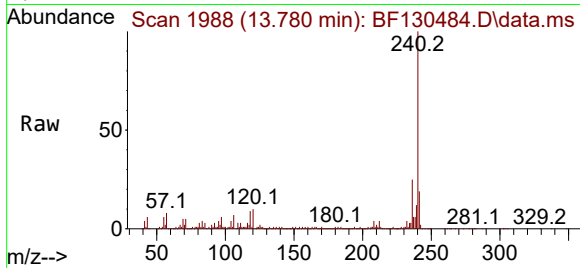




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

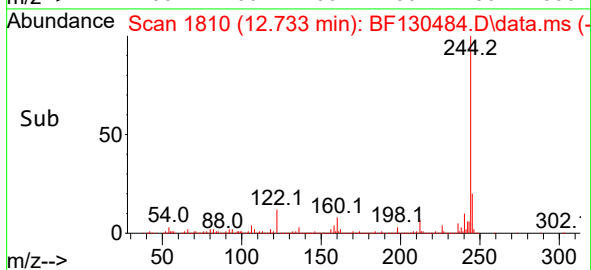
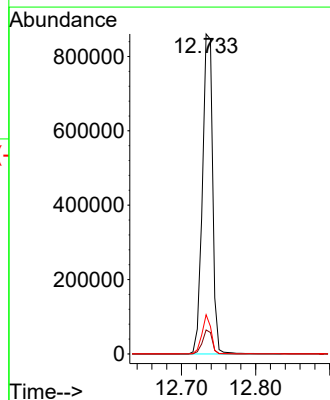
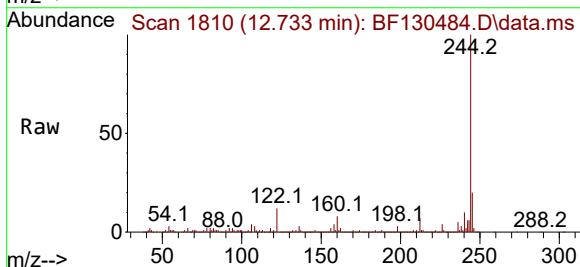
Instrument :
BNA_F
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CRUSHED-MASONRY-PILE-9

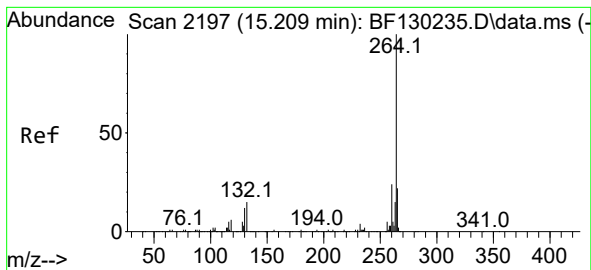
Tgt Ion:240 Resp: 197667
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 68.906 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130484.D
Acq: 30 Sep 2022 15:07

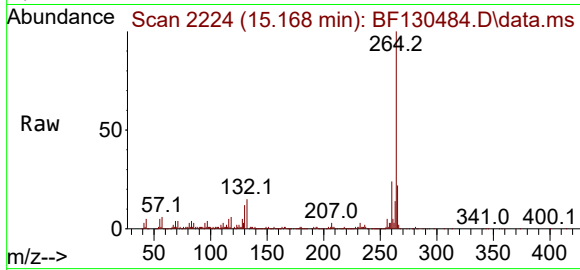
Tgt Ion:244 Resp: 822248
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.2 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130484.D
 Acq: 30 Sep 2022 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-9



Tgt Ion:264 Resp: 228681
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.6 17.0 25.4

