

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130490.D
 Acq On : 30 Sep 2022 18:20
 Operator : CG\JU
 Sample : N4896-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 01 01:36:44 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)

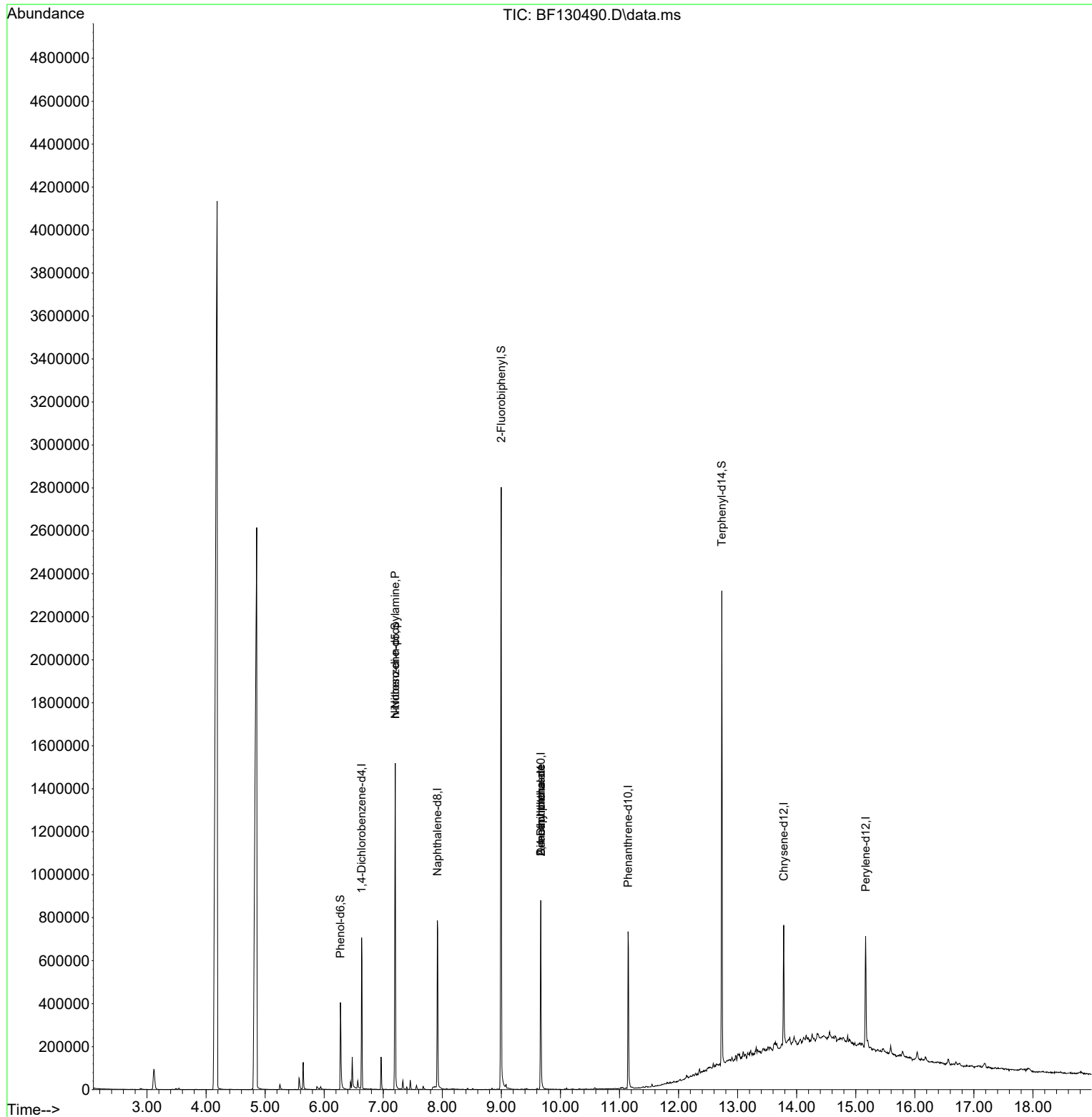
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	98392	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	374327	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	187656	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	286335	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	184716	20.000	ng	-0.01
86) Perylene-d12	15.168	264	221984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	9417	1.660	ng	0.00
7) Phenol-d6	6.275	99	152234	21.448	ng	-0.02
23) Nitrobenzene-d5	7.204	82	455179	62.123	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	8.998	172	871522	67.629	ng	-0.01
79) Terphenyl-d14	12.733	244	698192	62.612	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	62339	13.016	ng	# 69
50) Dimethylphthalate	9.669	163	32849	2.534	ng	# 1
57) 2,4-Dinitrotoluene	9.669	165	23660	6.829	ng	# 16

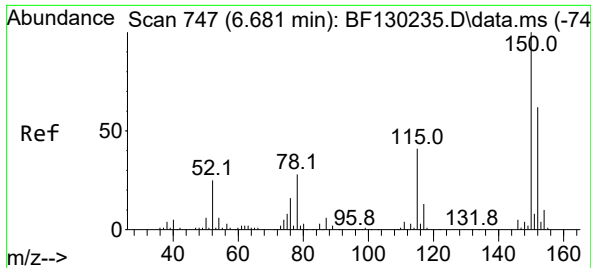
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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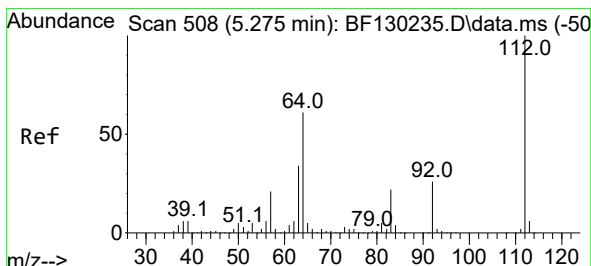
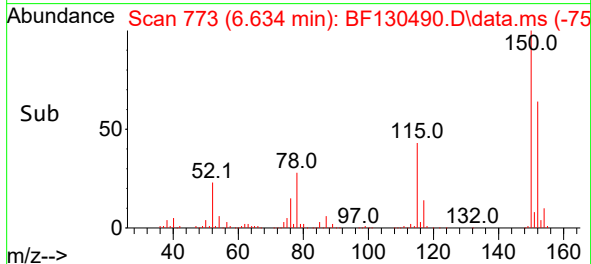
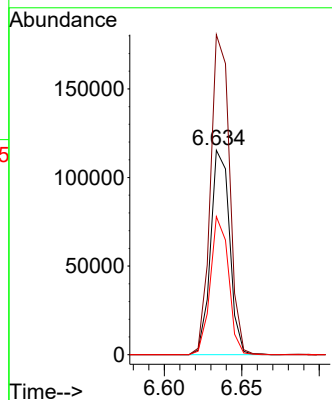
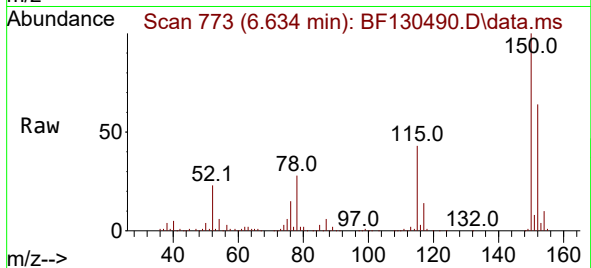




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

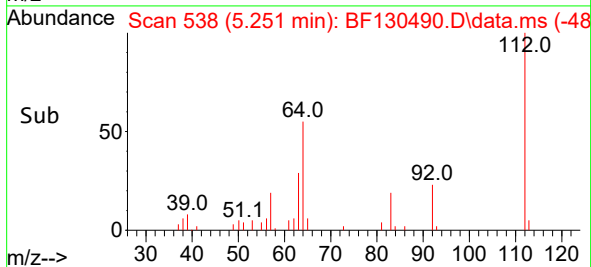
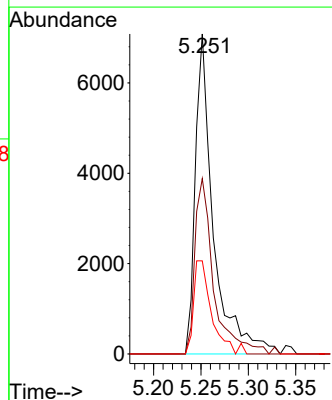
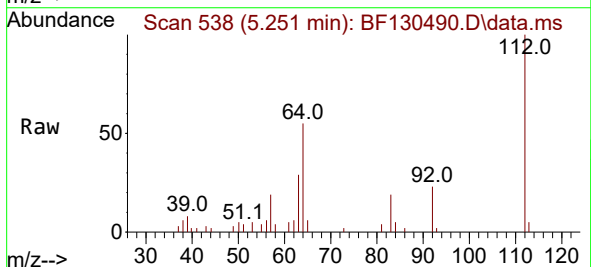
Instrument :
 BNA_F
 ClientSampleId :
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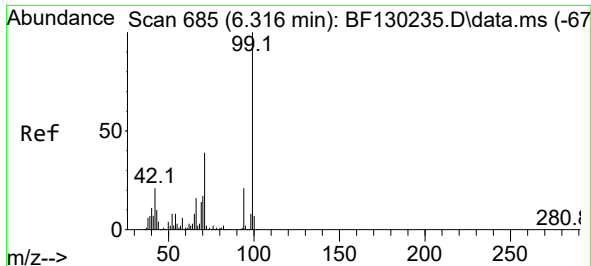
Tgt Ion:152 Resp: 98392
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.8 184.2
 115 67.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 1.660 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

Tgt Ion:112 Resp: 9417
 Ion Ratio Lower Upper
 112 100
 64 54.8 51.4 77.0
 63 29.1 28.8 43.2

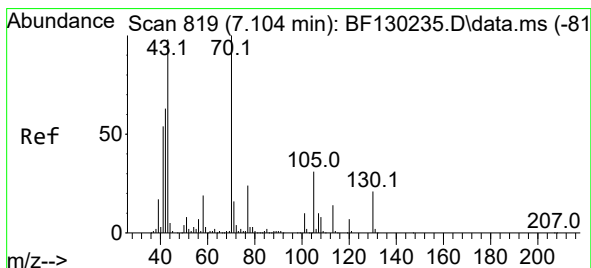
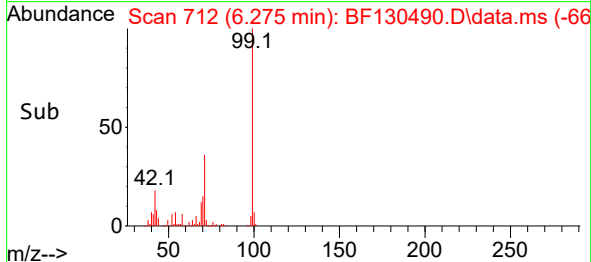
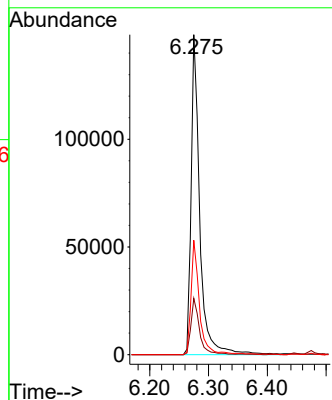
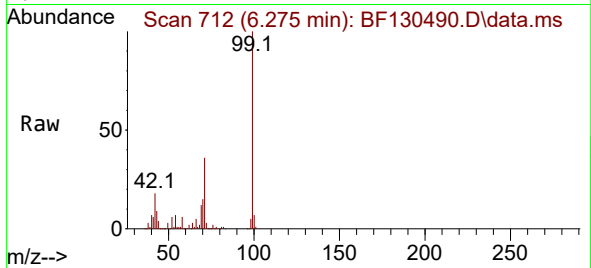




#7
Phenol-d6
Concen: 21.448 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

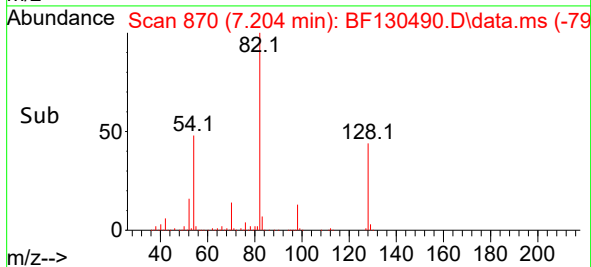
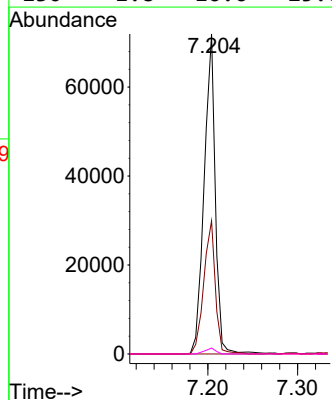
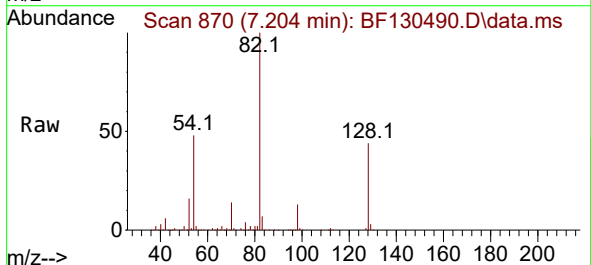
Instrument :
BNA_F
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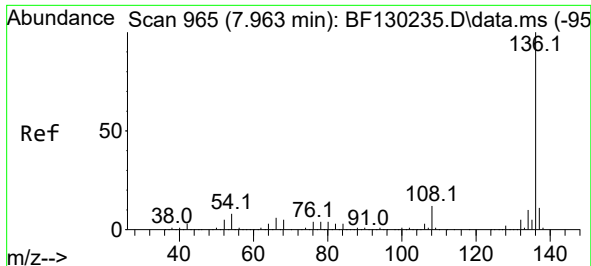
Tgt Ion: 99 Resp: 152234
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 35.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.016 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

Tgt Ion: 70 Resp: 62339
Ion Ratio Lower Upper
70 100
42 41.6 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

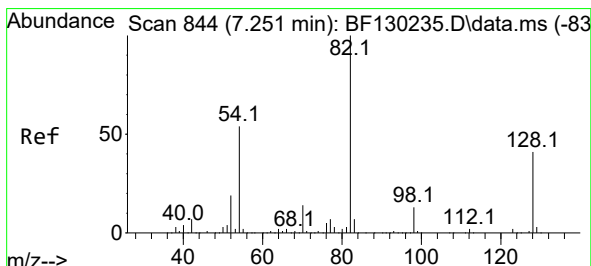
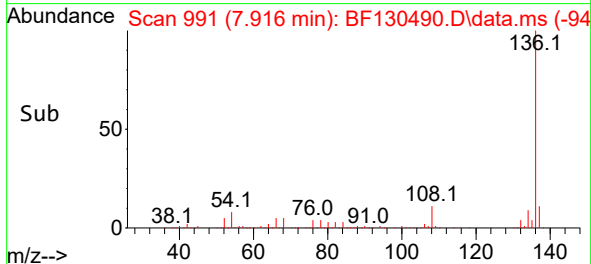
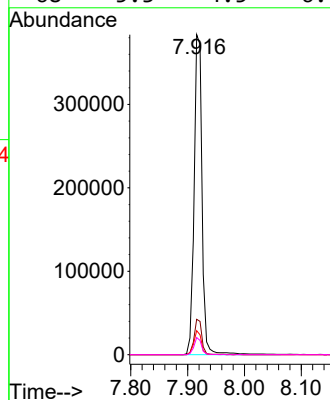
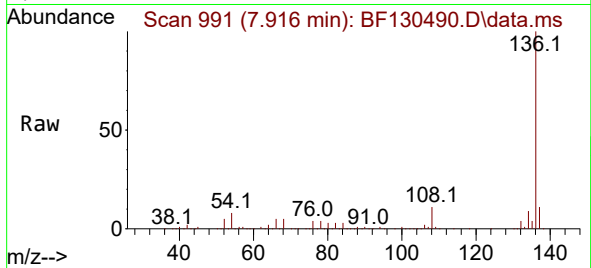




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

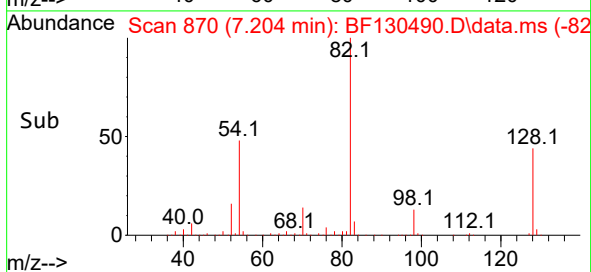
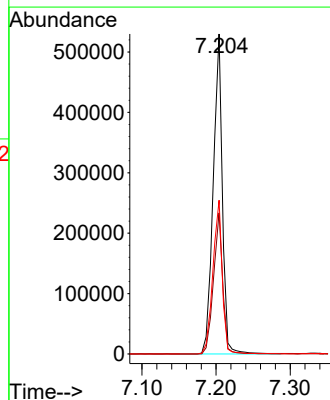
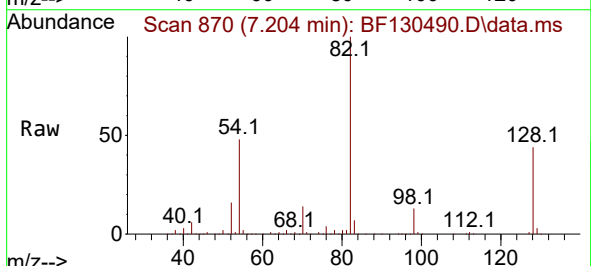
Instrument :
BNA_F
ClientSampleId :
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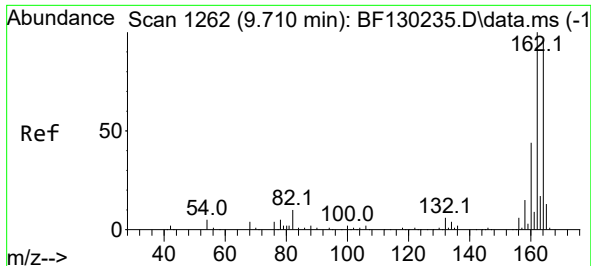
Tgt Ion:136 Resp: 374327
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 62.123 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

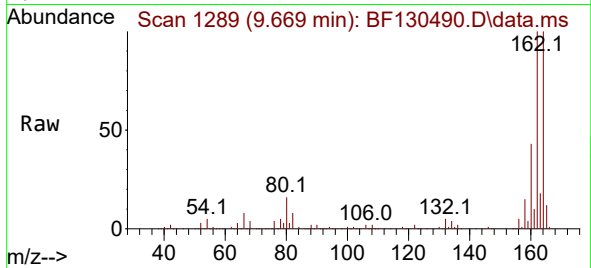
Tgt Ion: 82 Resp: 455179
Ion Ratio Lower Upper
82 100
128 44.1 32.6 49.0
54 48.1 43.8 65.6



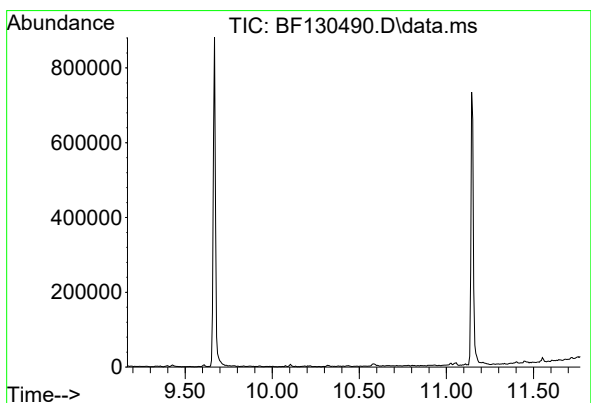
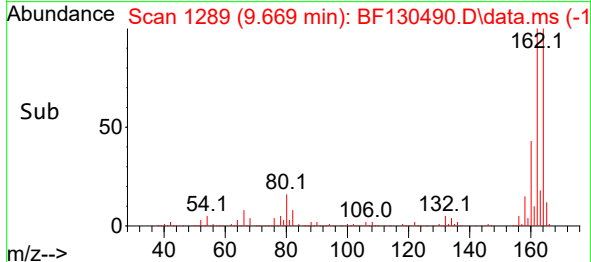
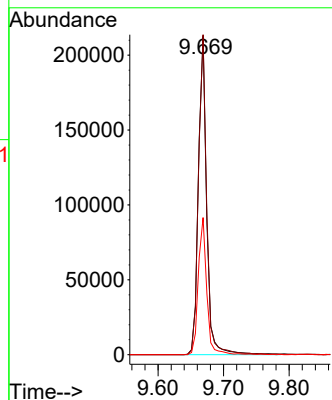


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.669 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
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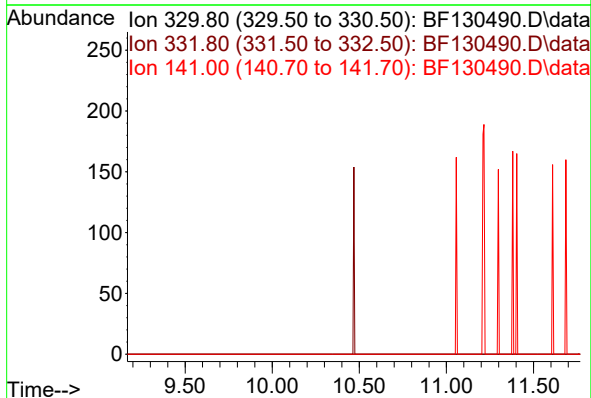
Tgt Ion:164 Resp: 187656
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.0
 160 43.1 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.47 min

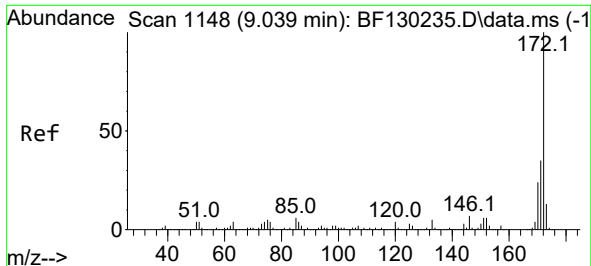
Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 104.3
 141 42.5



Ion 331.80 (331.50 to 332.50): BF130490.D\data

Ion 141.00 (140.70 to 141.70): BF130490.D\data



#45

2-Fluorobiphenyl

Concen: 67.629 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130490.D

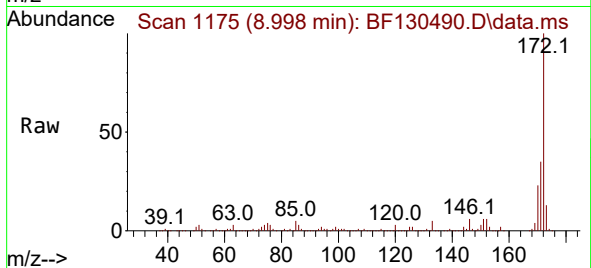
Acq: 30 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-9RE



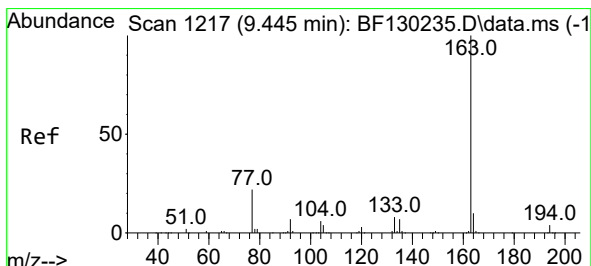
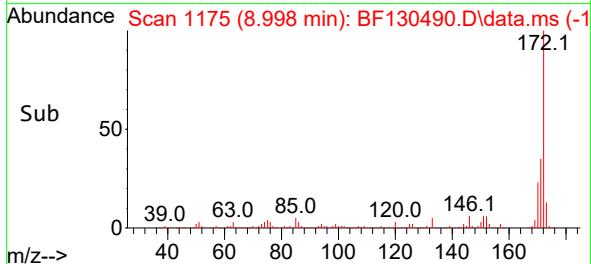
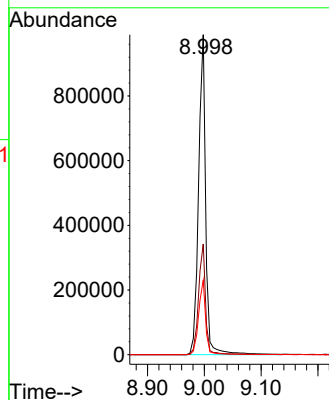
Tgt Ion:172 Resp: 871522

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.3 18.7 28.1



#50

Dimethylphthalate

Concen: 2.534 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.253 min

Lab File: BF130490.D

Acq: 30 Sep 2022 18:20

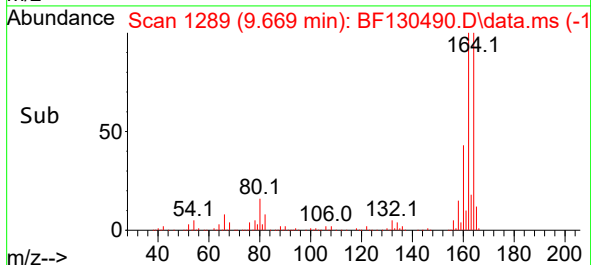
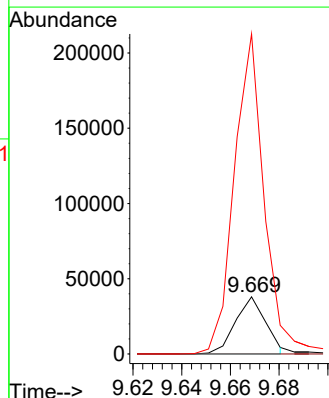
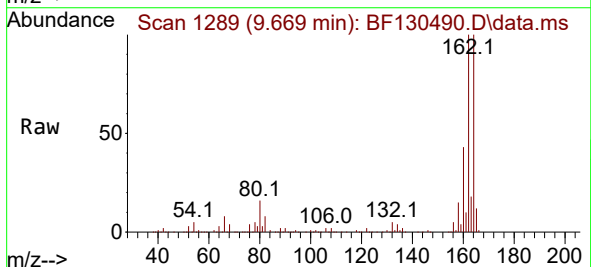
Tgt Ion:163 Resp: 32849

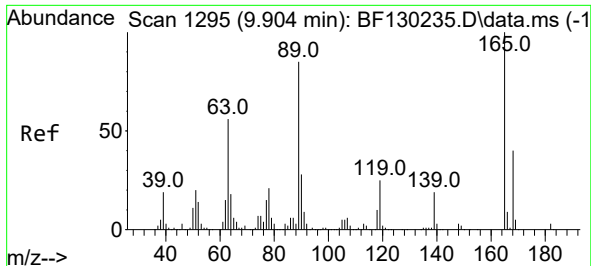
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 560.0 8.2 12.2#

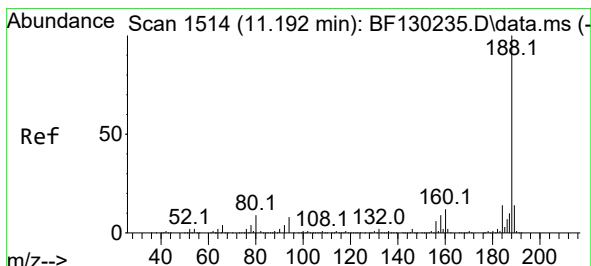
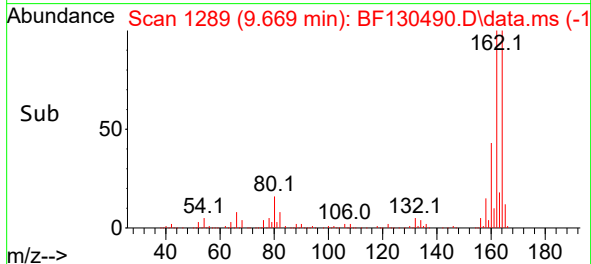
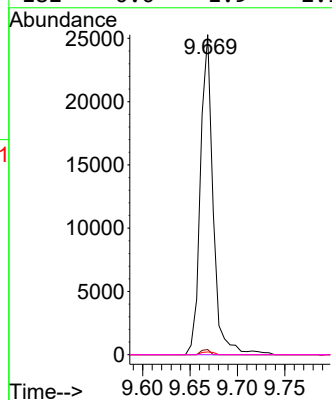
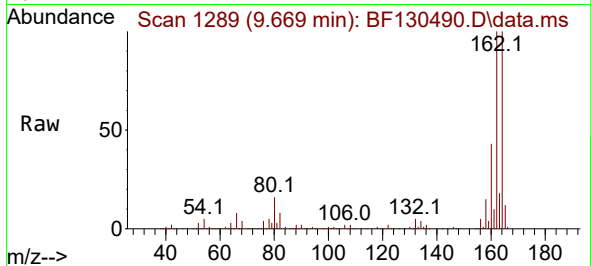




#57
2,4-Dinitrotoluene
Concen: 6.829 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

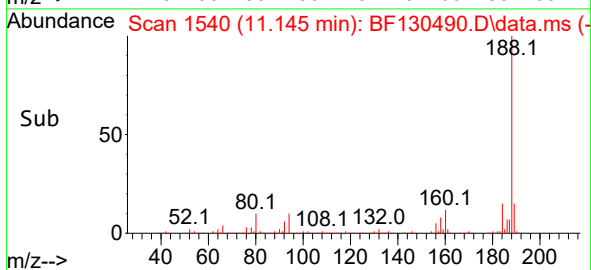
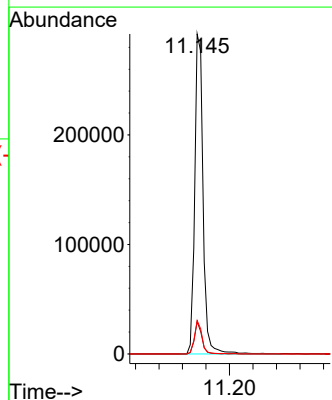
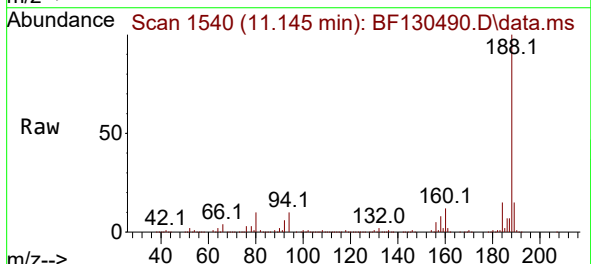
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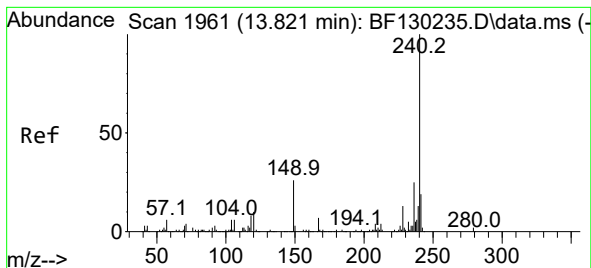
Tgt Ion:165 Resp: 23660
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 0.9 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

Tgt Ion:188 Resp: 286335
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.4 7.9 11.9

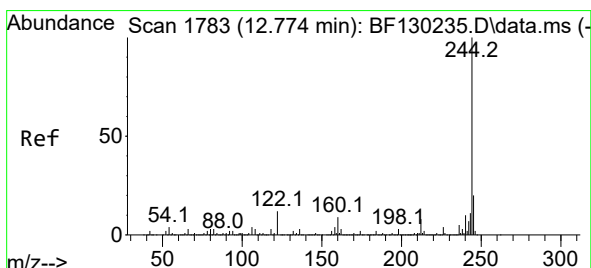
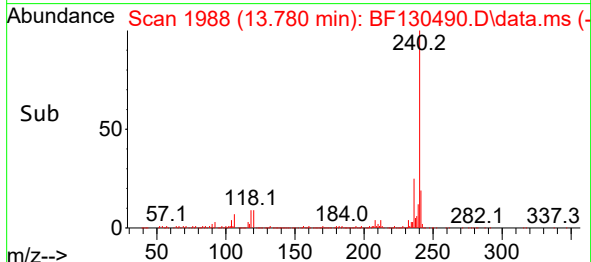
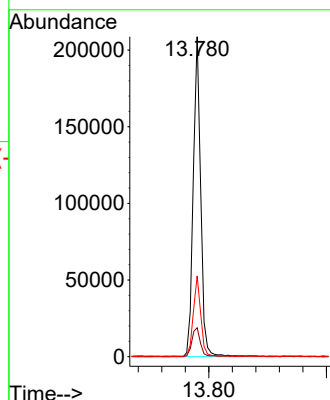
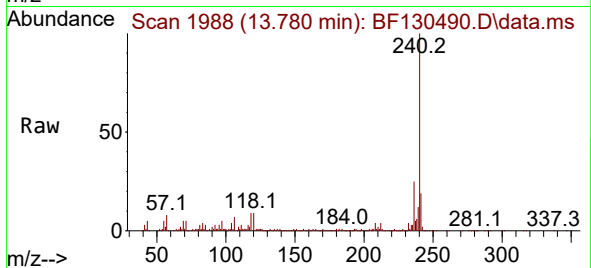




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

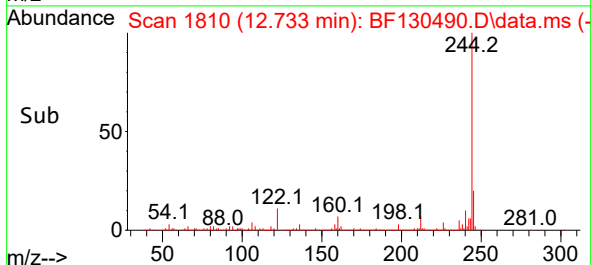
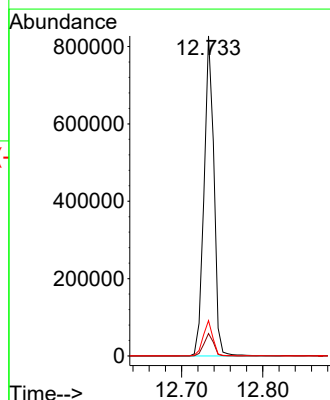
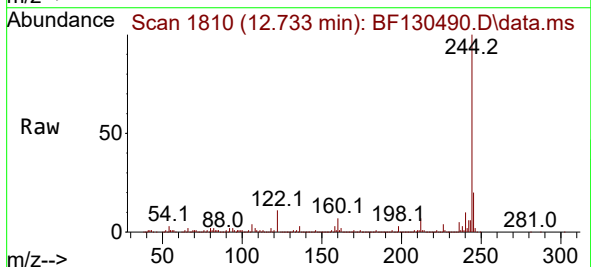
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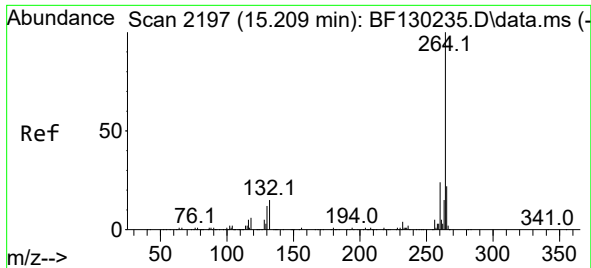
Tgt Ion:240 Resp: 184716
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 62.612 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

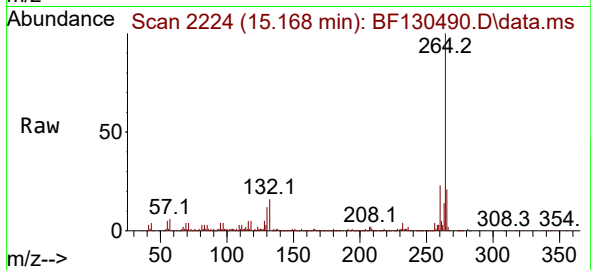
Tgt Ion:244 Resp: 698192
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.1 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

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



Tgt Ion:264 Resp: 221984
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 21.4 17.0 25.4

