

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

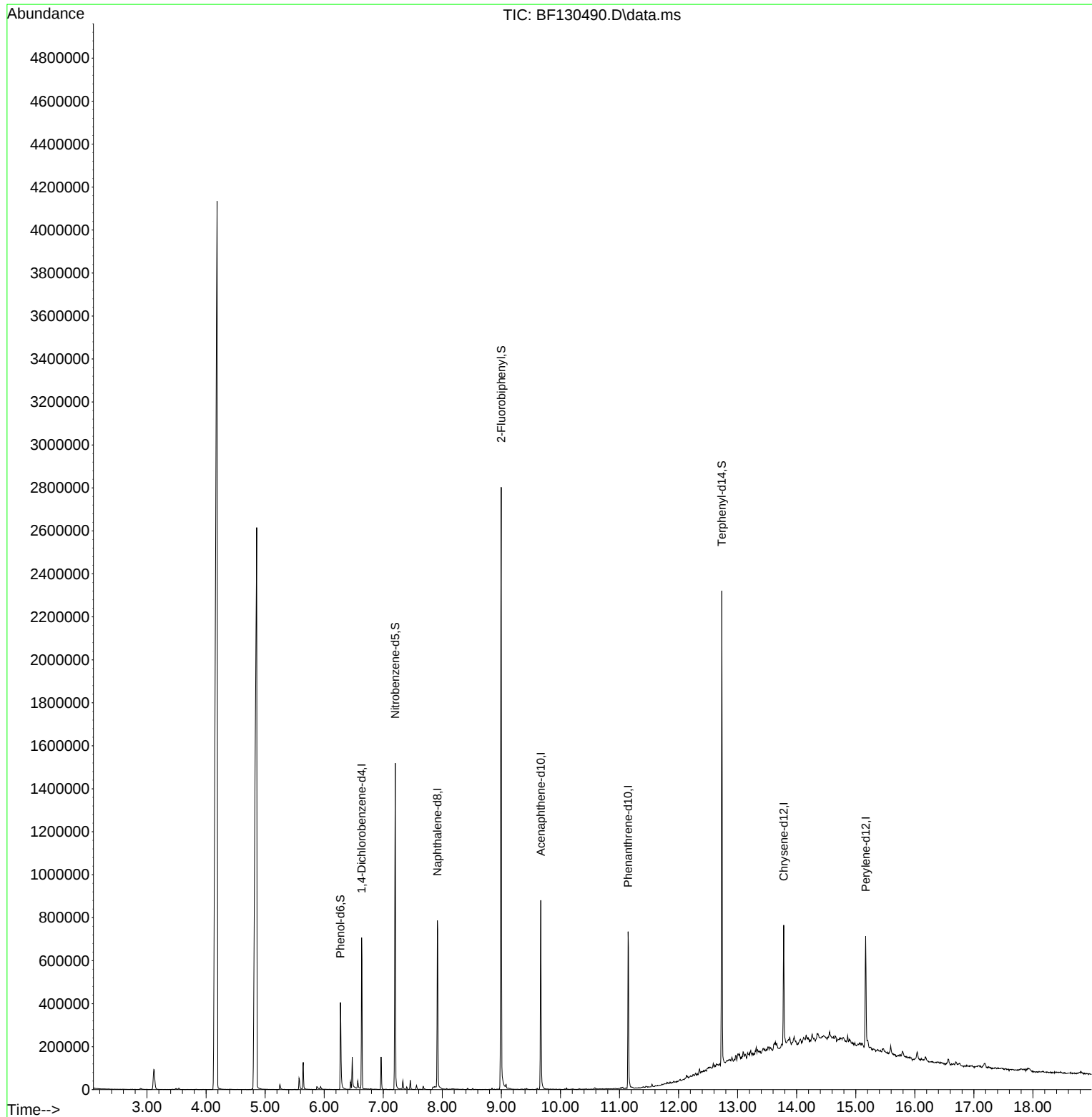
Target Compounds	Qvalue

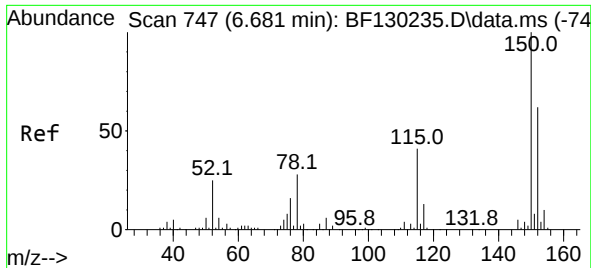
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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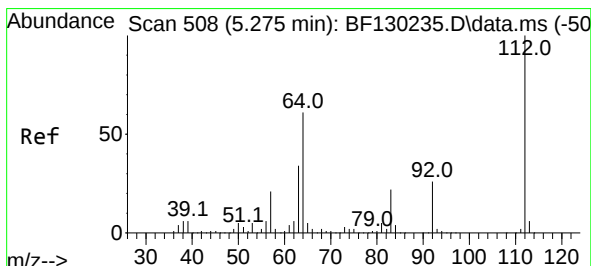
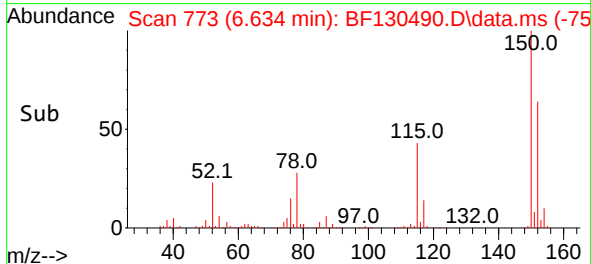
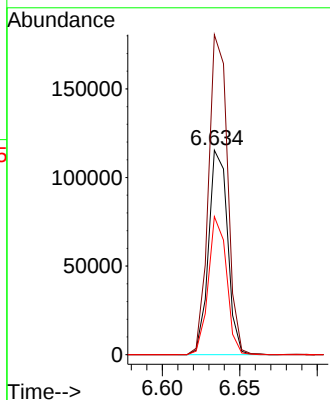
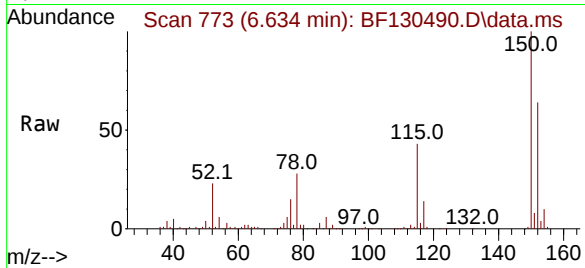




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

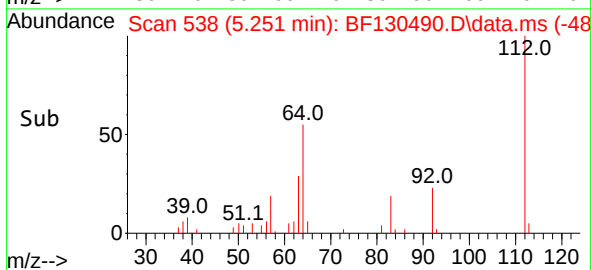
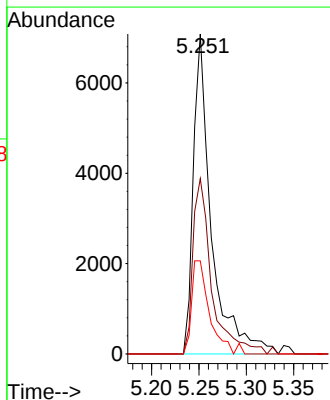
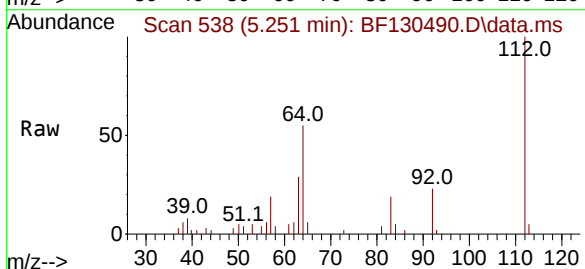
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-9RE

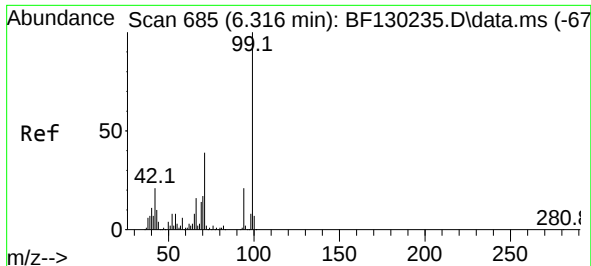
Tgt Ion:152 Resp: 98392
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.8 184.2
 115 67.5 53.8 80.8



#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

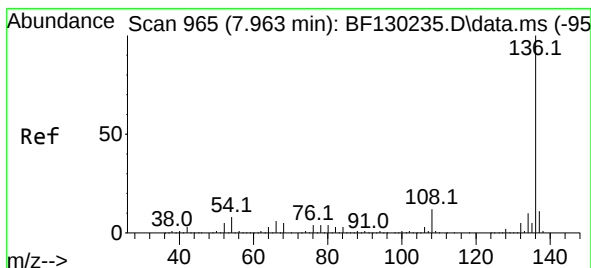
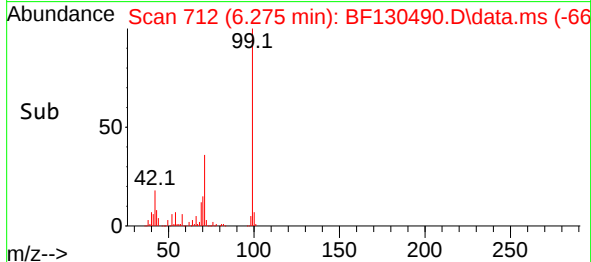
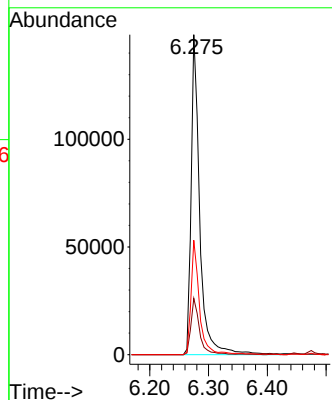
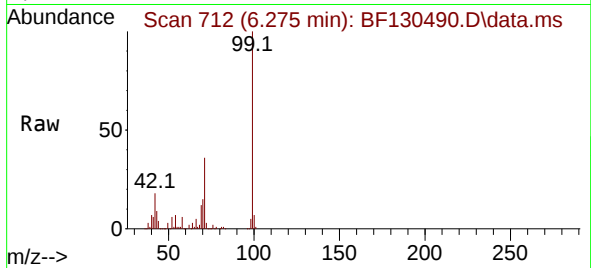




#7
Phenol-d6
Concen: 21.448 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

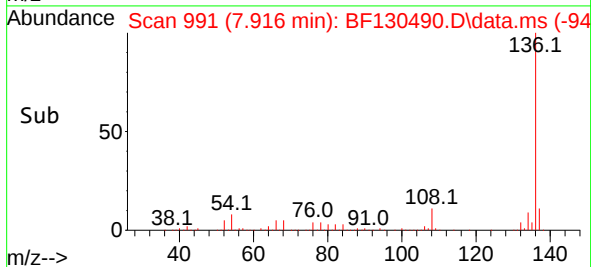
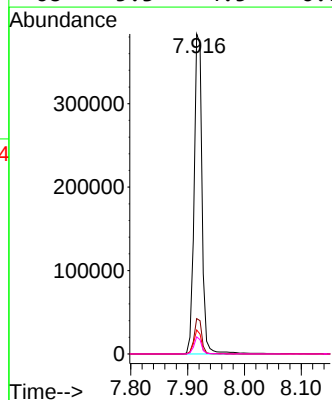
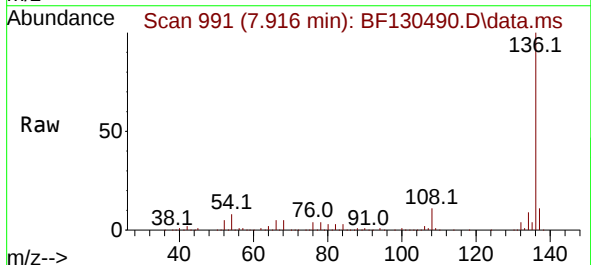
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9RE

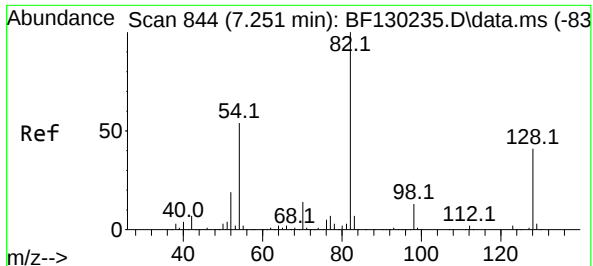
Tgt Ion: 99 Resp: 152234
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 35.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

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# 81

Delta R.T. -0.012 min

Lab File: BF130490.D

Acq: 30 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-9RE

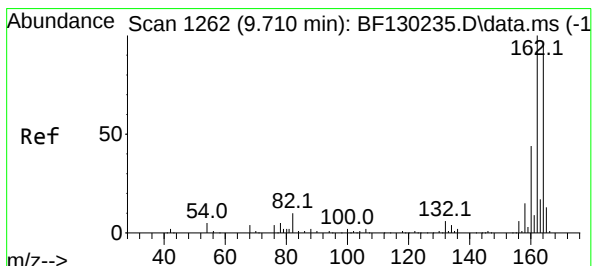
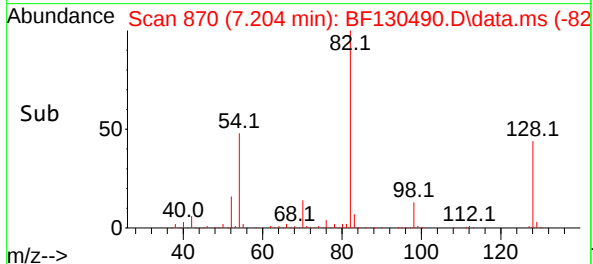
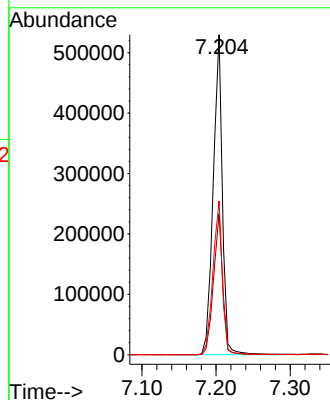
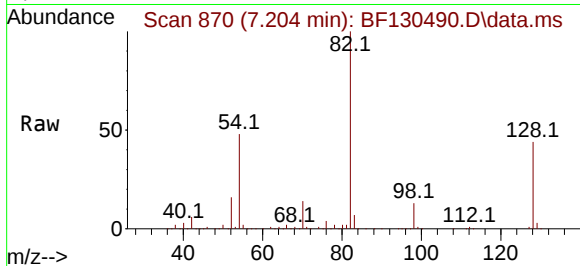
Tgt Ion: 82 Resp: 455179

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# 1289

Delta R.T. -0.012 min

Lab File: BF130490.D

Acq: 30 Sep 2022 18:20

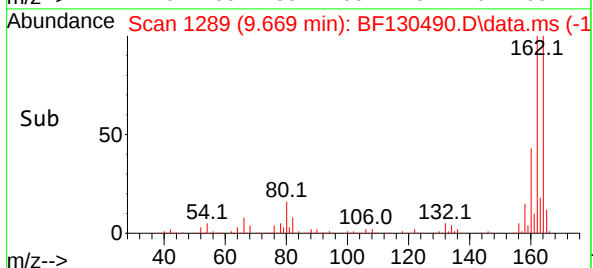
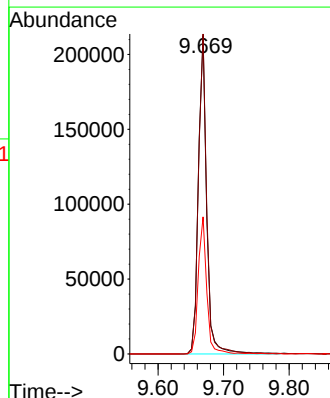
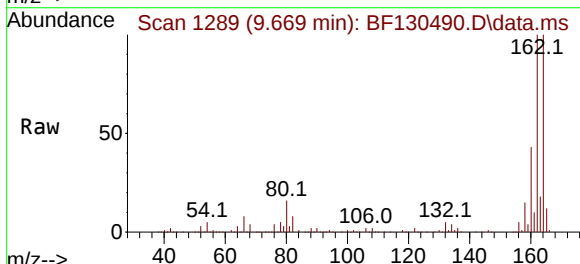
Tgt Ion:164 Resp: 187656

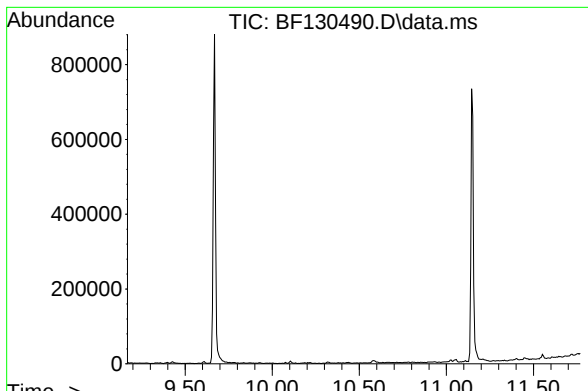
Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

160 43.1 36.2 54.4



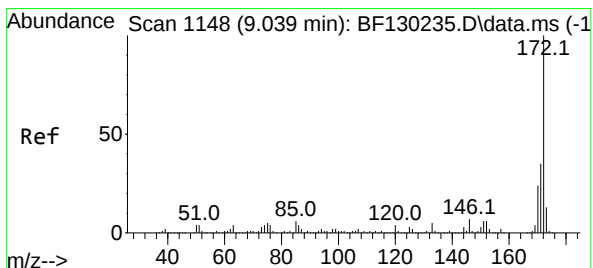
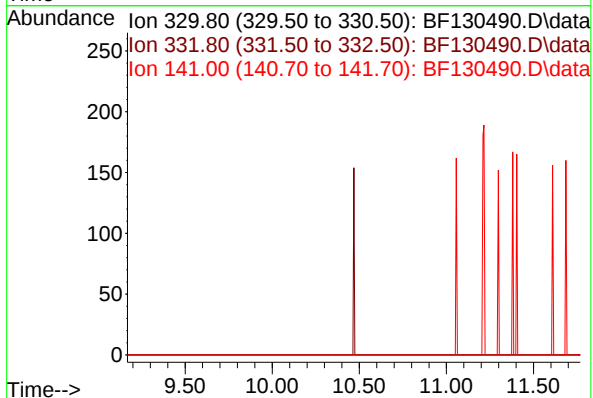


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.47 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

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

Tgt Ion: 330

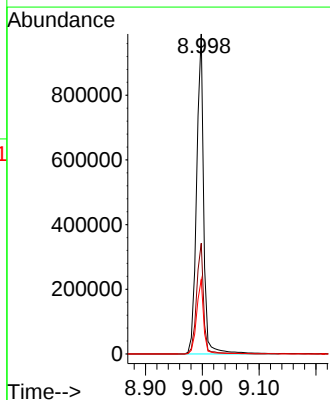
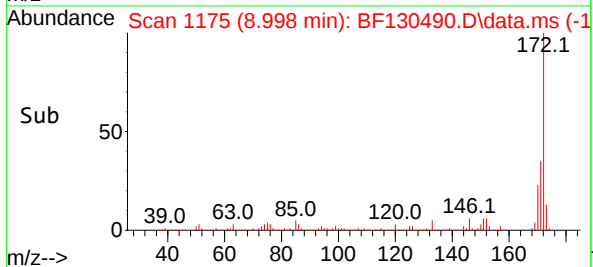
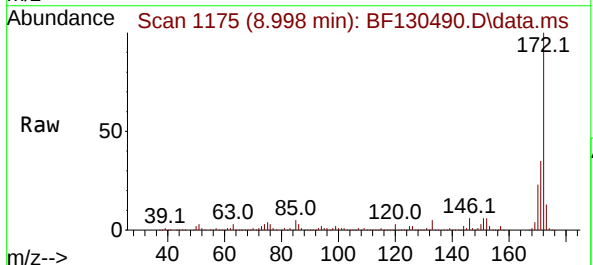
Sig	Exp Ratio
330	100
332	104.3
141	42.5

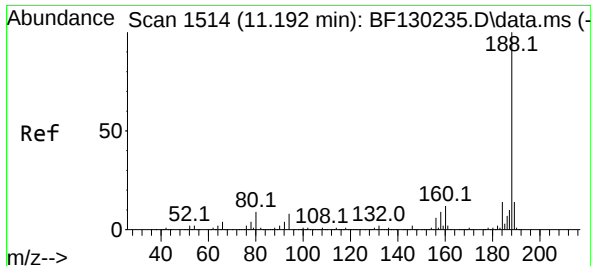


#45
 2-Fluorobiphenyl
 Concen: 67.629 ng
 RT: 8.998 min Scan# 1175
 Delta R.T. -0.012 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

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

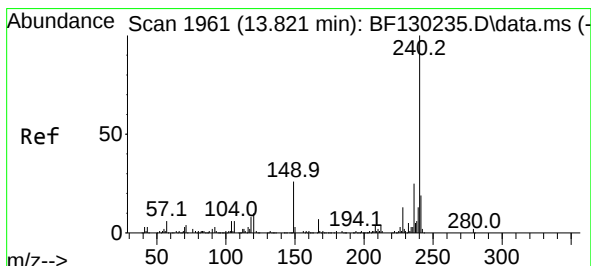
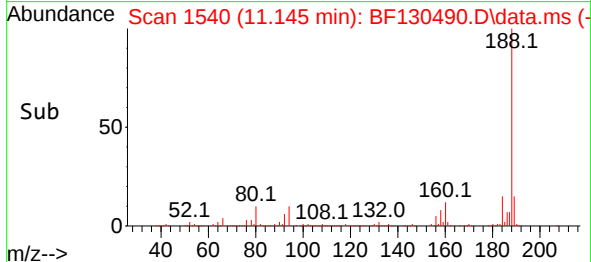
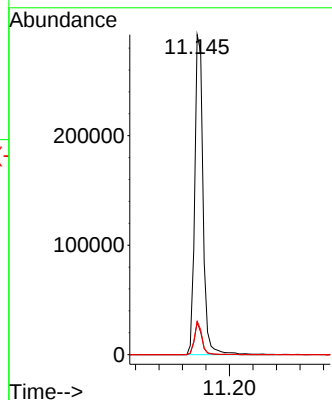
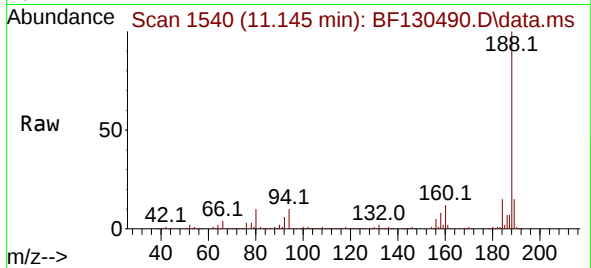




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

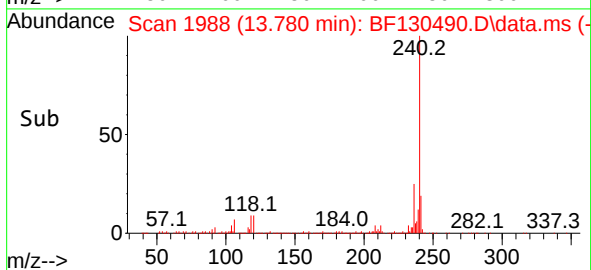
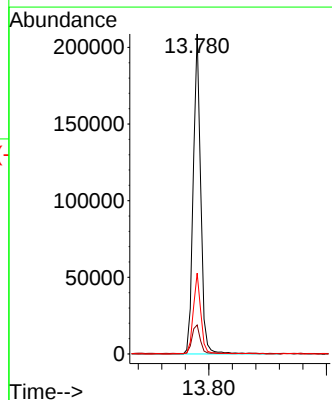
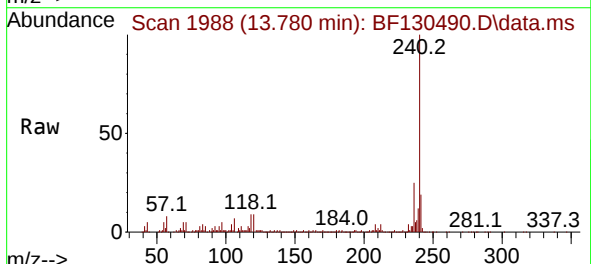
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9RE

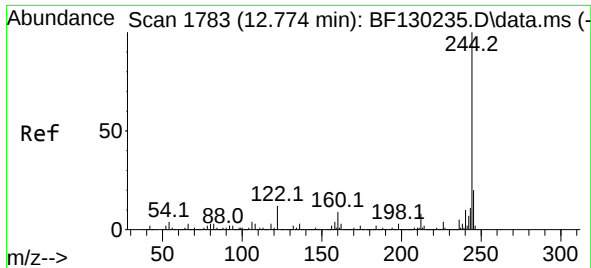
Tgt Ion:188 Resp: 286335
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130490.D
Acq: 30 Sep 2022 18:20

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

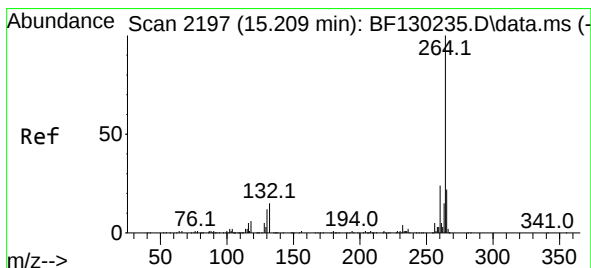
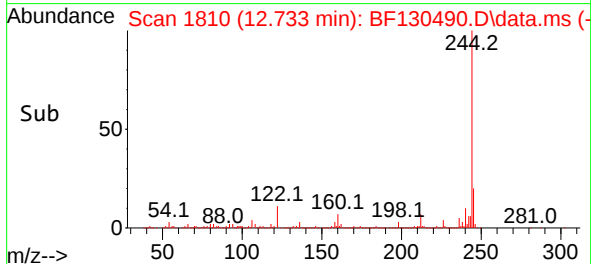
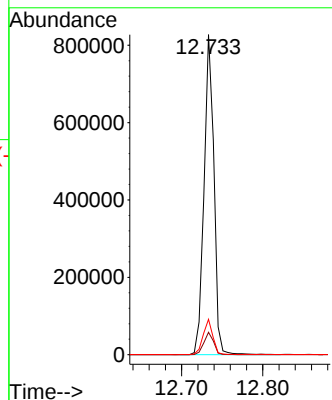
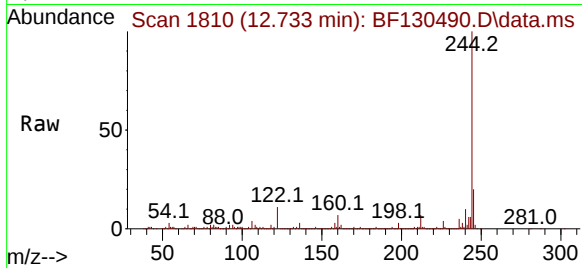




#79
 Terphenyl-d14
 Concen: 62.612 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

Instrument :
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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# 2224
 Delta R.T. -0.006 min
 Lab File: BF130490.D
 Acq: 30 Sep 2022 18:20

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

