

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130483.D
 Acq On : 30 Sep 2022 14:36
 Operator : CG\JU
 Sample : N4898-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 01 01:35:07 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)

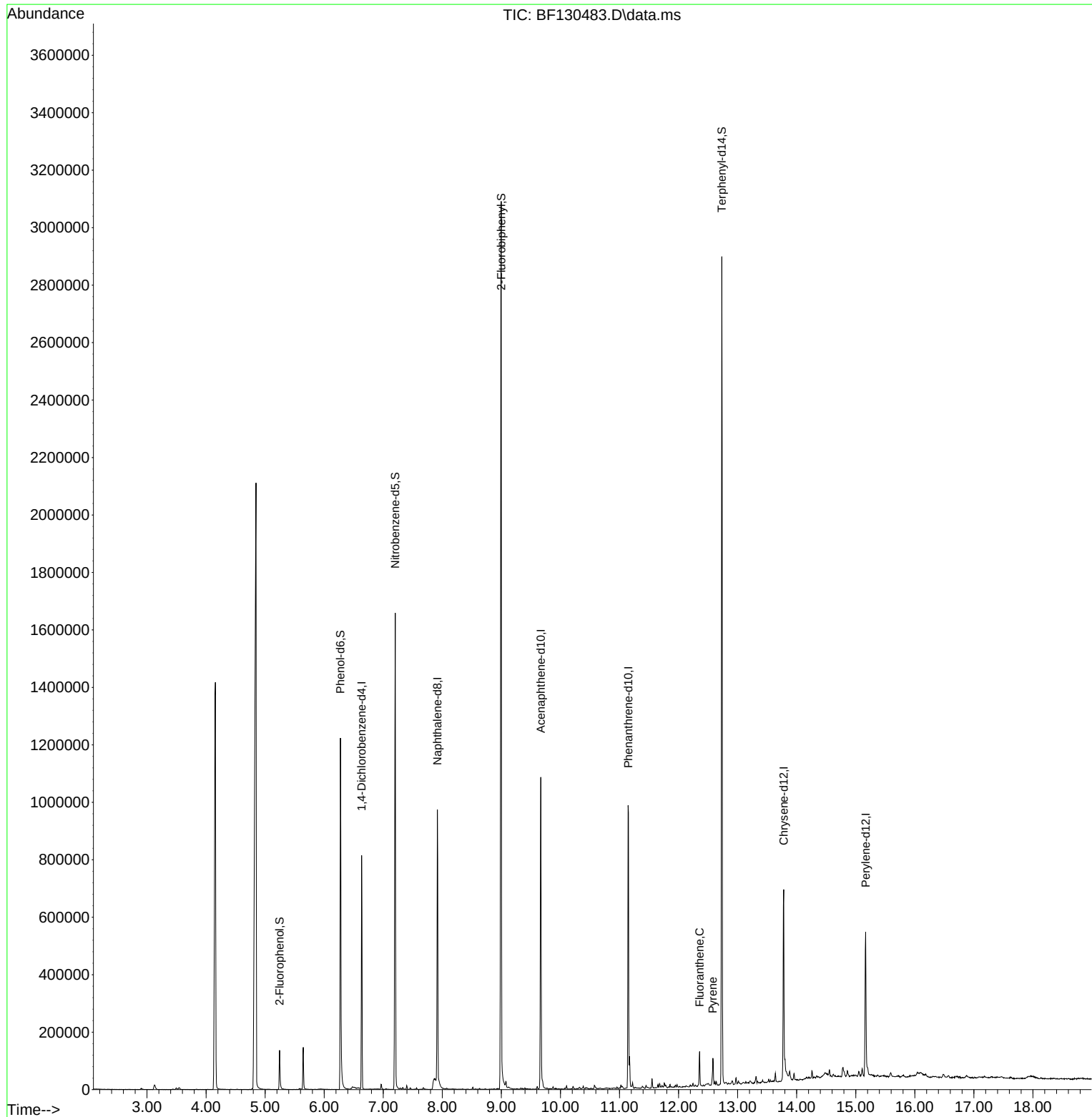
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	114340	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	446463	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	232299	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	388997	20.000	ng	0.00
76) Chrysene-d12	13.780	240	223001	20.000	ng	-0.01
86) Perylene-d12	15.168	264	221942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	42195	6.401	ng	0.00
7) Phenol-d6	6.275	99	421991	51.160	ng	-0.02
23) Nitrobenzene-d5	7.204	82	528150	60.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	259	0.116	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	1049088	65.763	ng	-0.01
79) Terphenyl-d14	12.733	244	998596	74.177	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.357	202	47890	2.269	ng	95
78) Pyrene	12.580	202	39229	2.011	ng	97

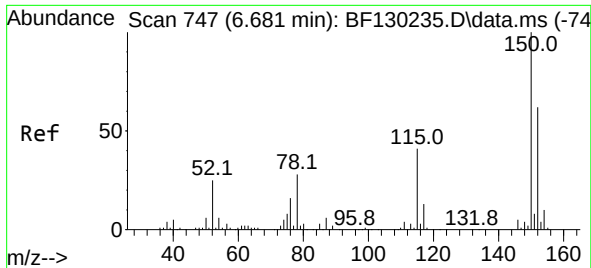
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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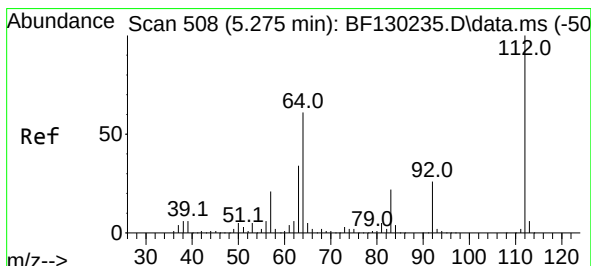
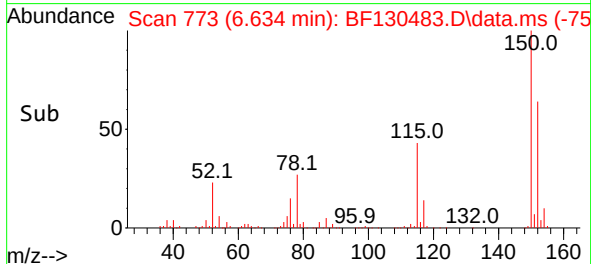
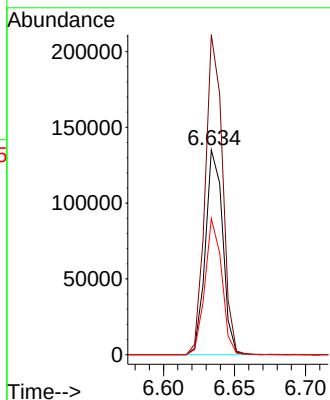
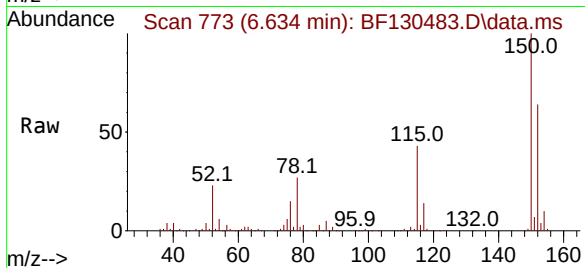




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130483.D
 Acq: 30 Sep 2022 14:36

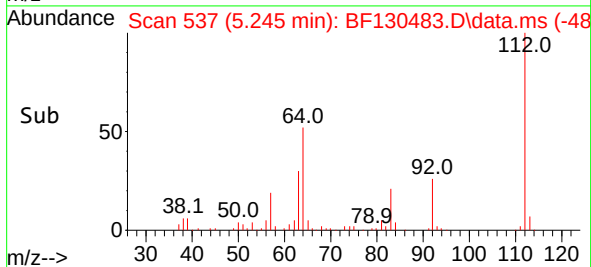
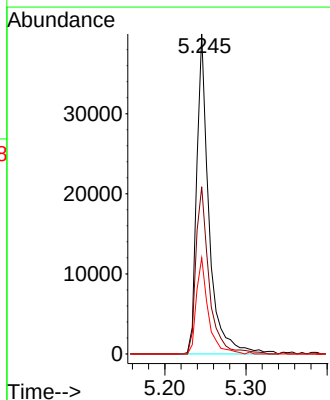
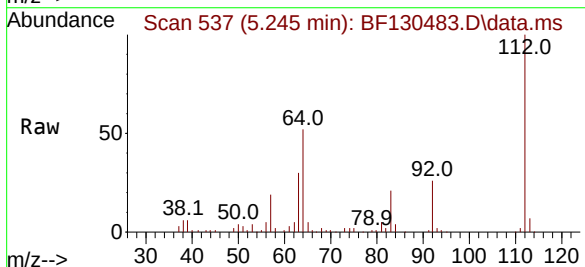
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-11

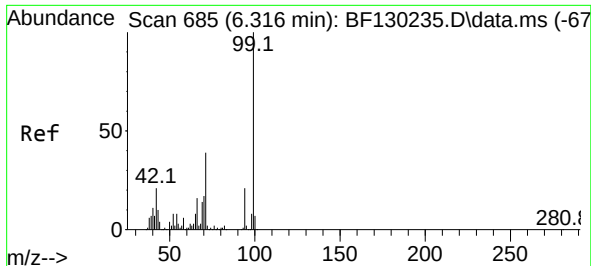
Tgt Ion:152 Resp: 114340
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.8 184.2
 115 66.4 53.8 80.8



#5
 2-Fluorophenol
 Concen: 6.401 ng
 RT: 5.245 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: BF130483.D
 Acq: 30 Sep 2022 14:36

Tgt Ion:112 Resp: 42195
 Ion Ratio Lower Upper
 112 100
 64 52.2 51.4 77.0
 63 30.1 28.8 43.2

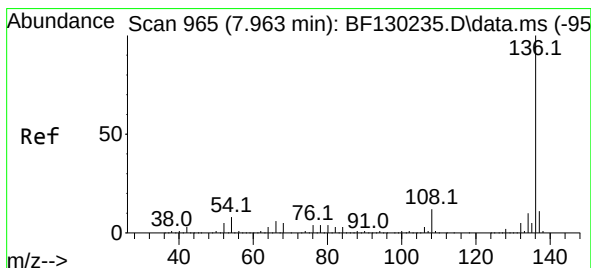
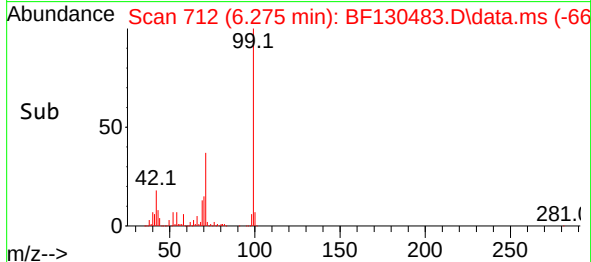
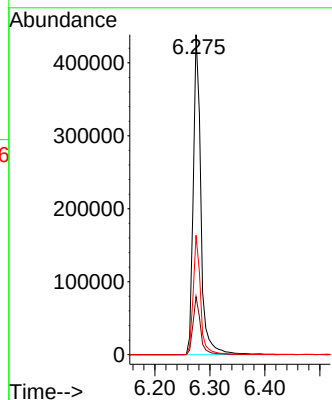
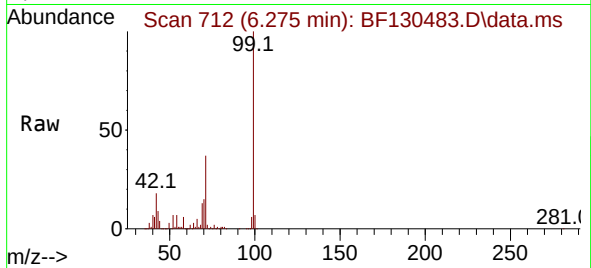




#7
Phenol-d6
Concen: 51.160 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130483.D
Acq: 30 Sep 2022 14:36

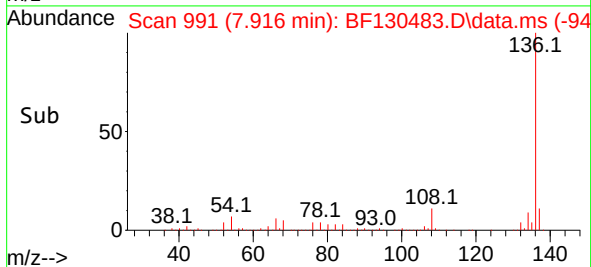
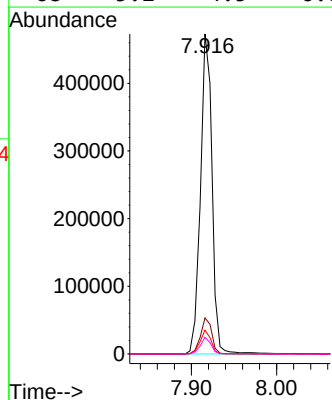
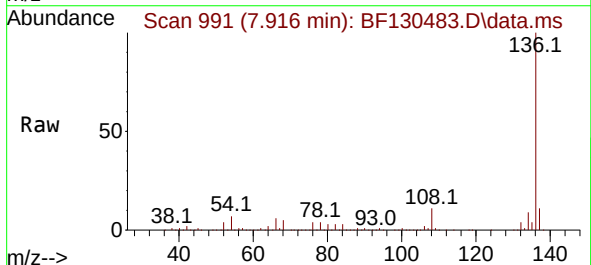
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-11

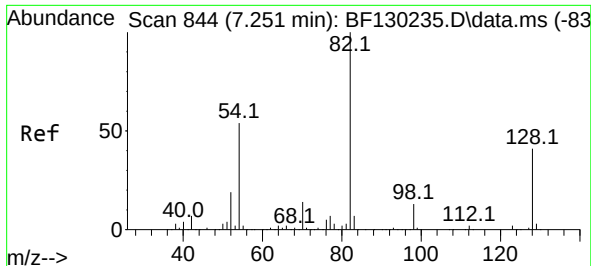
Tgt Ion: 99 Resp: 421991
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130483.D
Acq: 30 Sep 2022 14:36

Tgt Ion: 136 Resp: 446463
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 7.1 10.7
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 60.436 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130483.D

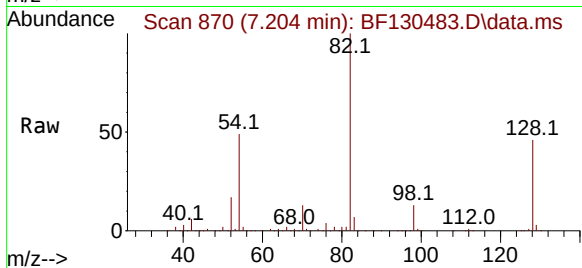
Acq: 30 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-11



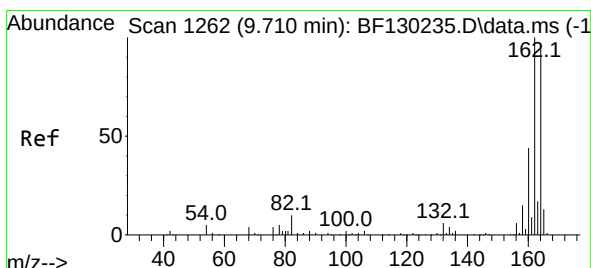
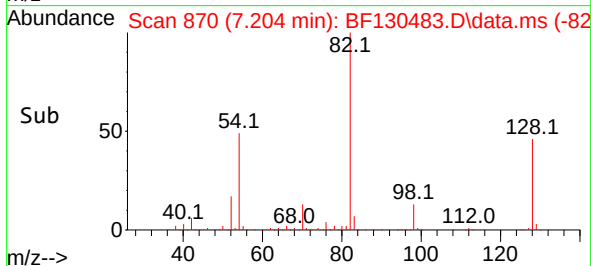
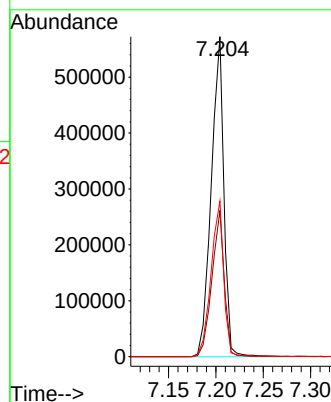
Tgt Ion: 82 Resp: 528150

Ion Ratio Lower Upper

82 100

128 45.7 32.6 49.0

54 48.6 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: BF130483.D

Acq: 30 Sep 2022 14:36

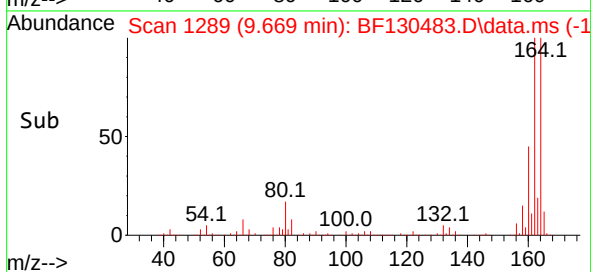
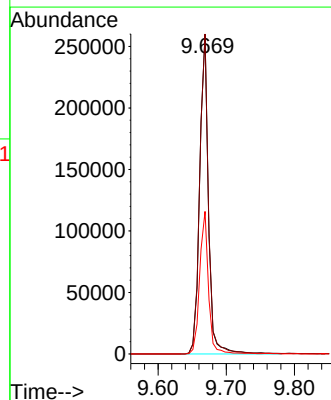
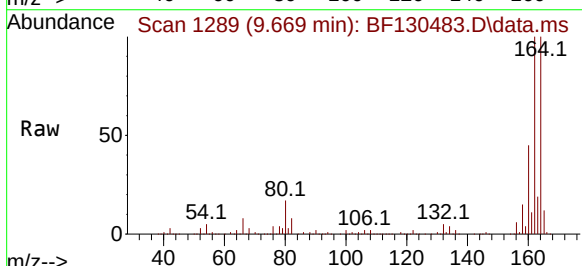
Tgt Ion:164 Resp: 232299

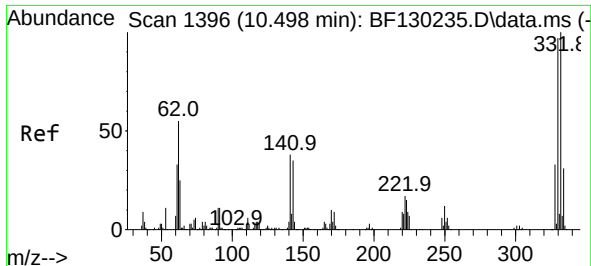
Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

160 44.6 36.2 54.4

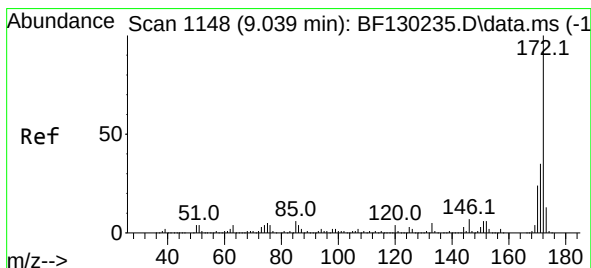
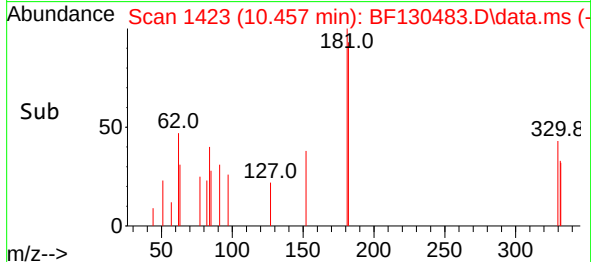
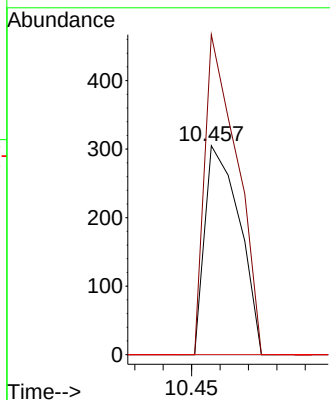
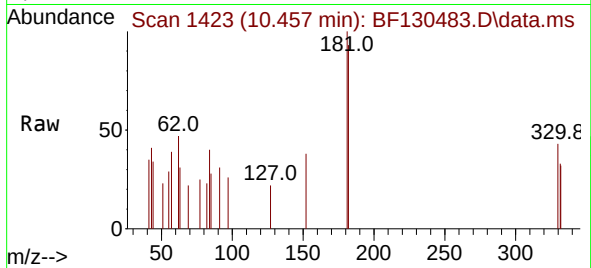




#42
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130483.D
Acq: 30 Sep 2022 14:36

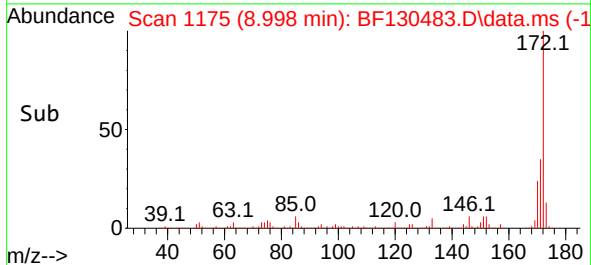
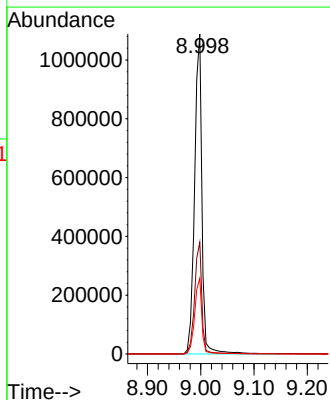
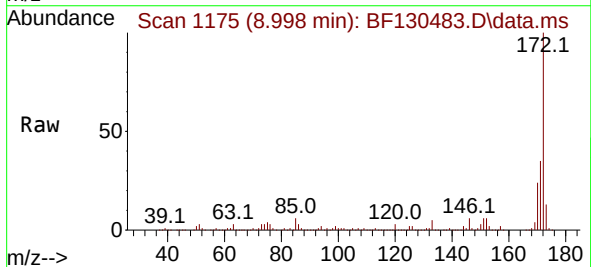
Instrument :
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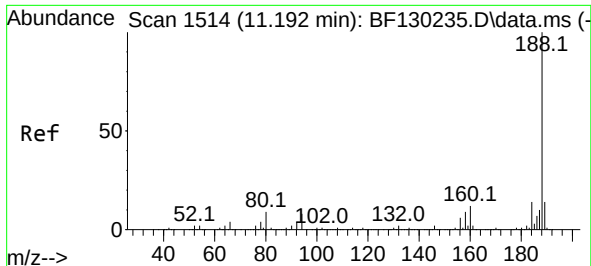
Tgt Ion:330 Resp: 259
Ion Ratio Lower Upper
330 100
332 142.9 83.4 125.2#
141 0.0 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 65.763 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130483.D
Acq: 30 Sep 2022 14:36

Tgt Ion:172 Resp: 1049088
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.7 18.7 28.1

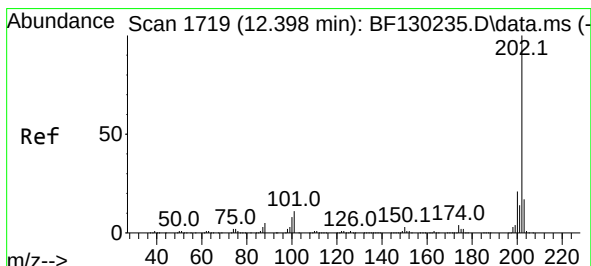
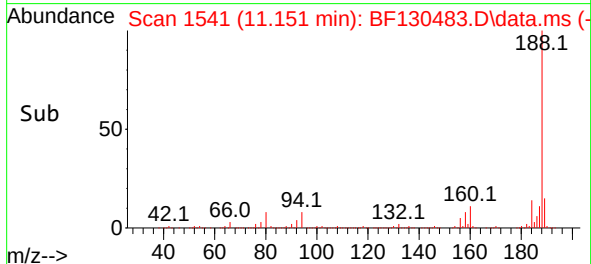
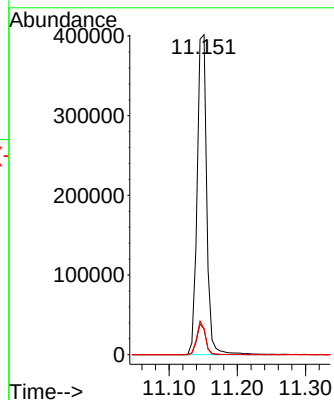
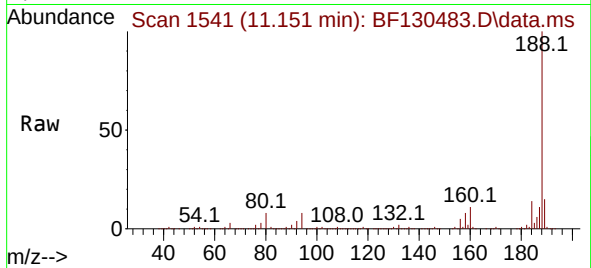




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130483.D
Acq: 30 Sep 2022 14:36

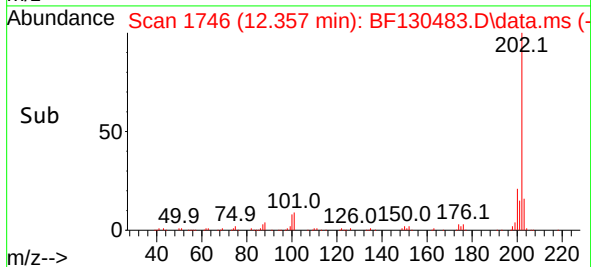
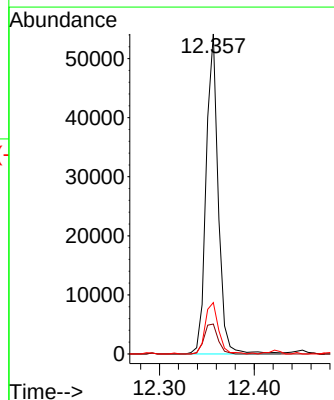
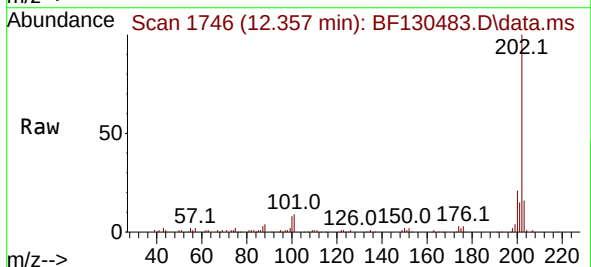
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CRUSHED-MASONRY-PILE-11

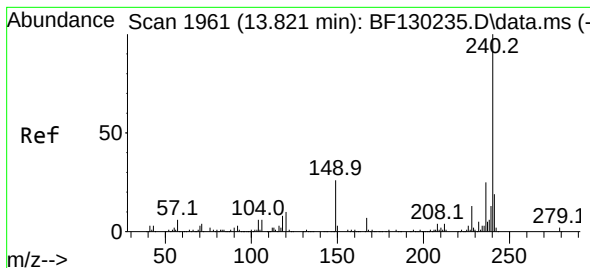
Tgt Ion:188 Resp: 388997
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.2 7.9 11.9



#75
Fluoranthene
Concen: 2.269 ng
RT: 12.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BF130483.D
Acq: 30 Sep 2022 14:36

Tgt Ion:202 Resp: 47890
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.8
203 16.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BF130483.D

Acq: 30 Sep 2022 14:36

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-11

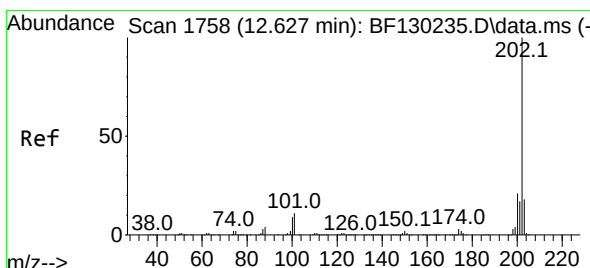
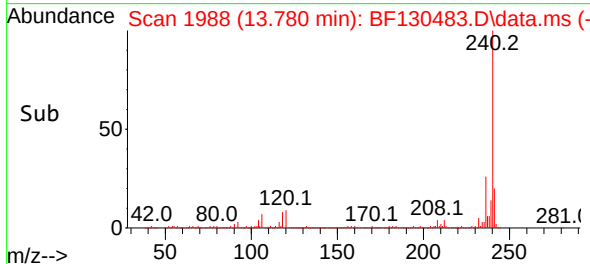
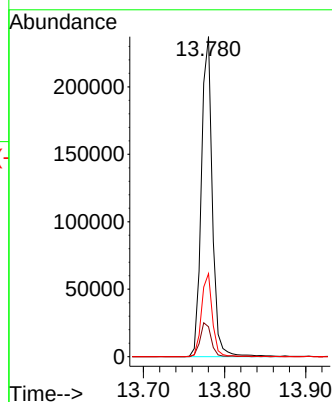
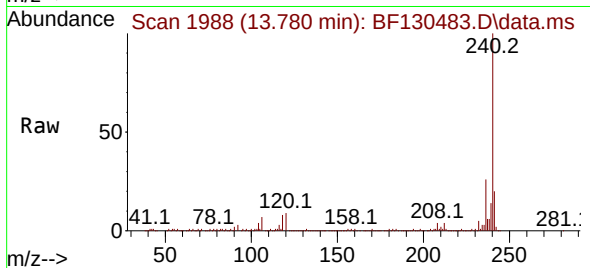
Tgt Ion:240 Resp: 223001

Ion Ratio Lower Upper

240 100

120 9.4 8.7 13.1

236 26.0 20.9 31.3



#78

Pyrene

Concen: 2.011 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.012 min

Lab File: BF130483.D

Acq: 30 Sep 2022 14:36

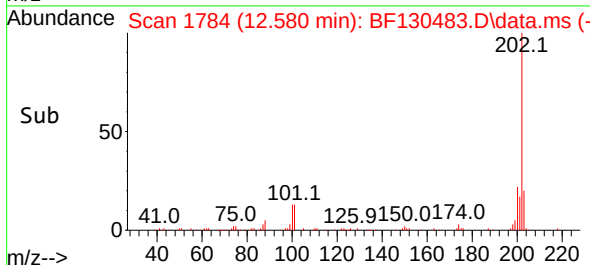
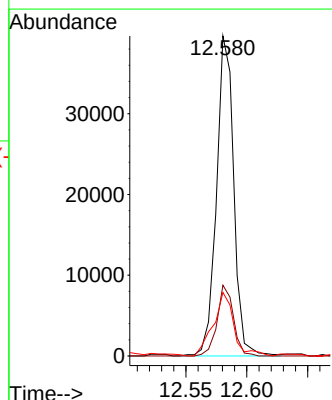
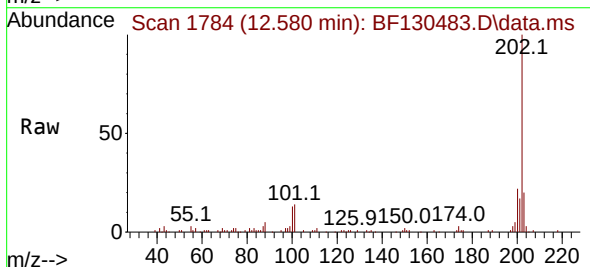
Tgt Ion:202 Resp: 39229

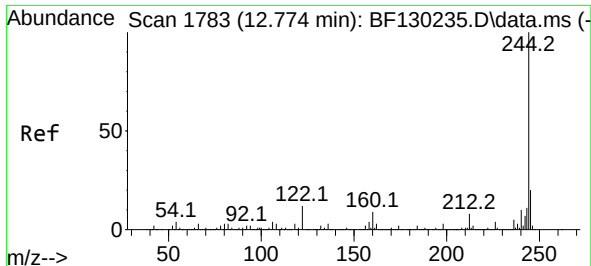
Ion Ratio Lower Upper

202 100

200 22.1 17.2 25.8

203 19.9 14.3 21.5

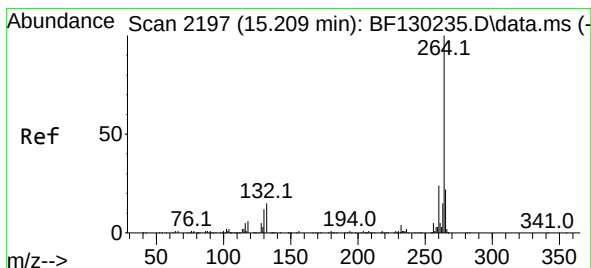
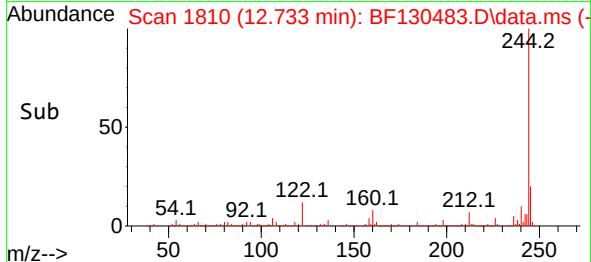
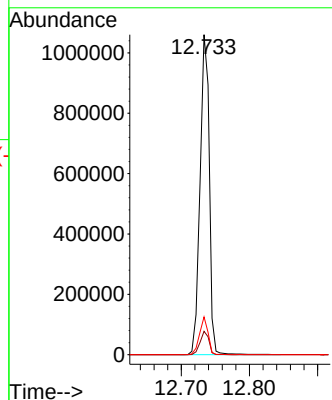
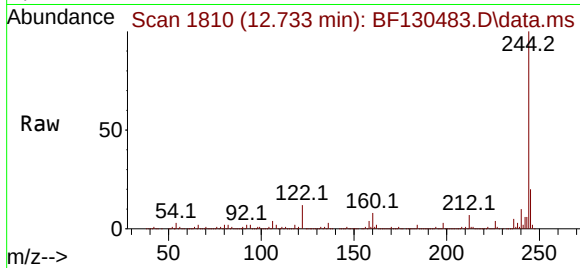




#79
 Terphenyl-d14
 Concen: 74.177 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130483.D
 Acq: 30 Sep 2022 14:36

Instrument :
 BNA_F
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 CRUSHED-MASONRY-PILE-11

Tgt Ion:244 Resp: 998596
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.8 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: BF130483.D
 Acq: 30 Sep 2022 14:36

Tgt Ion:264 Resp: 221942
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 20.9 17.0 25.4

