

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130488.D
 Acq On : 30 Sep 2022 17:15
 Operator : CG\JU
 Sample : N4897-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 01 01:36:20 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	106458	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	410682	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	204847	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	329968	20.000	ng	0.00
76) Chrysene-d12	13.780	240	191260	20.000	ng	-0.01
86) Perylene-d12	15.168	264	222507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	19130	3.117	ng	0.00
7) Phenol-d6	6.275	99	252896	32.930	ng	-0.02
23) Nitrobenzene-d5	7.204	82	493075	61.338	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	133	0.068	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	940807	66.879	ng	-0.01
79) Terphenyl-d14	12.733	244	815002	70.587	ng	-0.01

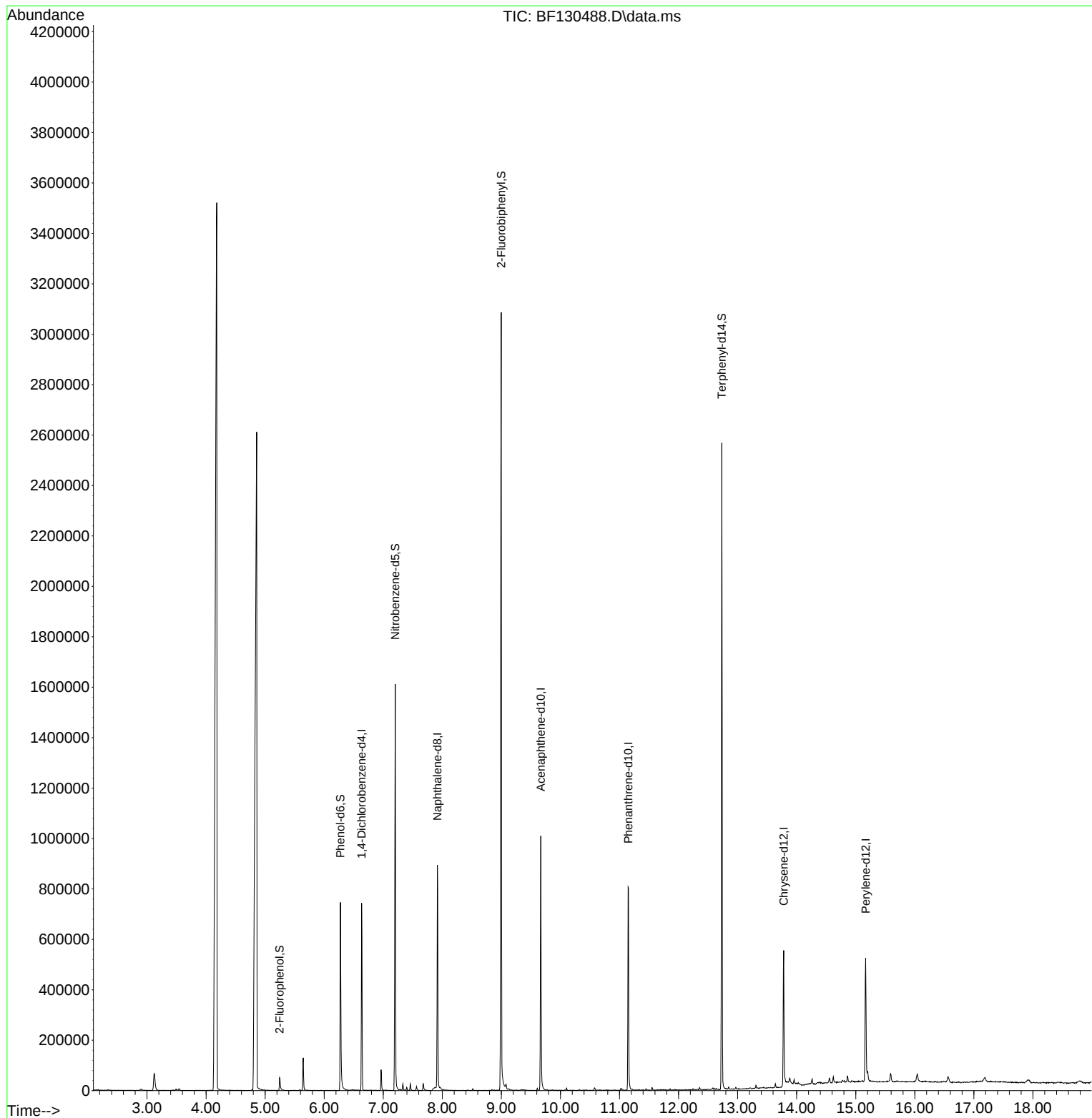
Target Compounds	Qvalue

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

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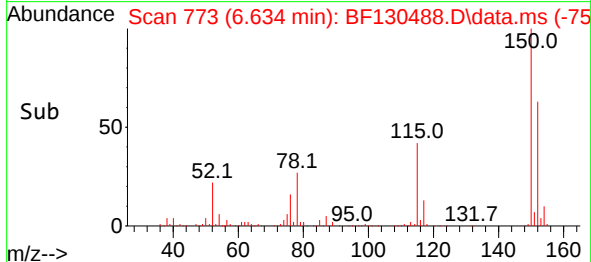
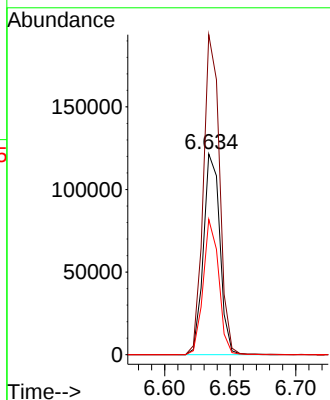
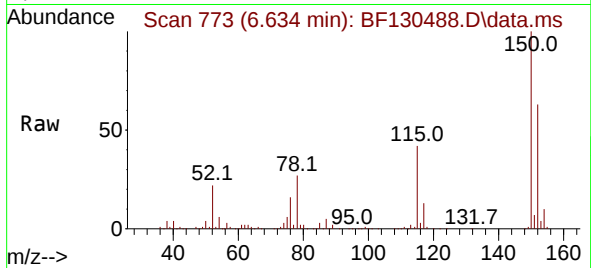




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130488.D
 Acq: 30 Sep 2022 17:15

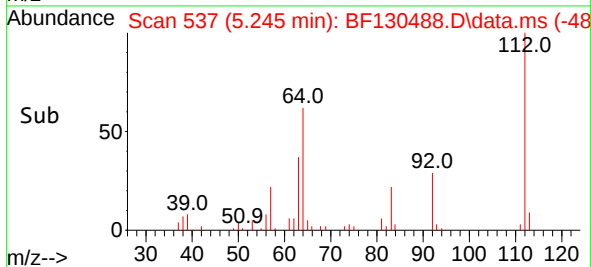
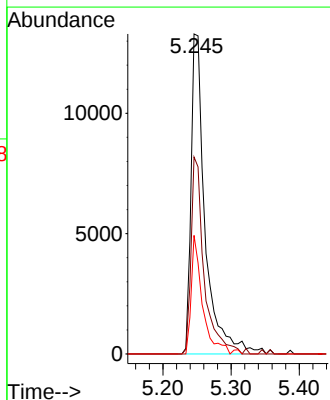
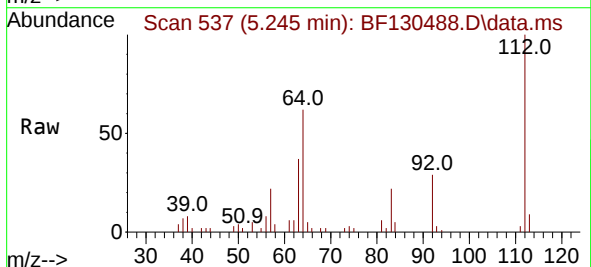
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10RE

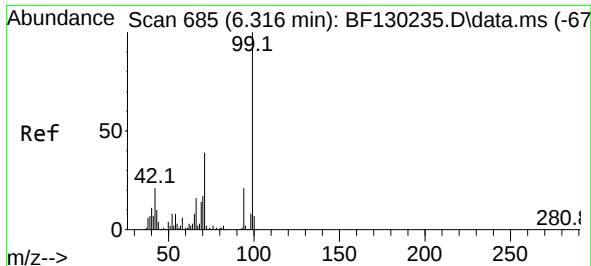
Tgt Ion:152 Resp: 106458
 Ion Ratio Lower Upper
 152 100
 150 159.3 122.8 184.2
 115 67.4 53.8 80.8



#5
 2-Fluorophenol
 Concen: 3.117 ng
 RT: 5.245 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: BF130488.D
 Acq: 30 Sep 2022 17:15

Tgt Ion:112 Resp: 19130
 Ion Ratio Lower Upper
 112 100
 64 61.6 51.4 77.0
 63 37.0 28.8 43.2

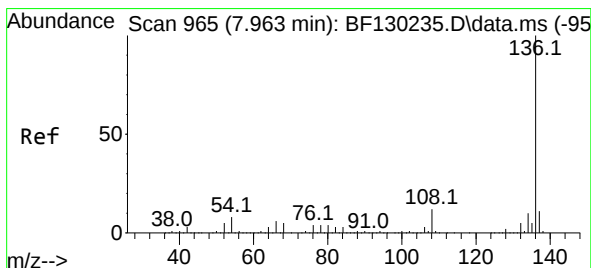
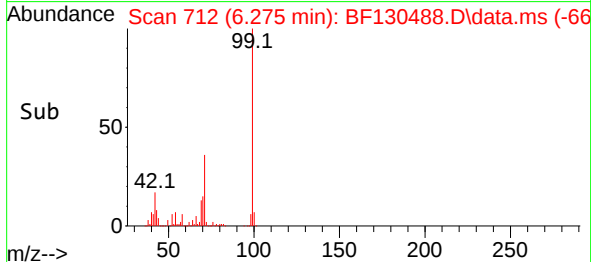
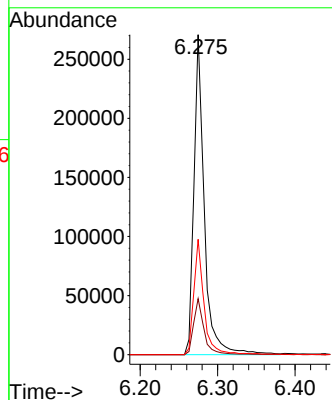
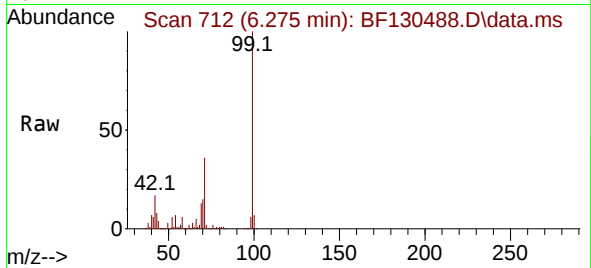




#7
Phenol-d6
Concen: 32.930 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

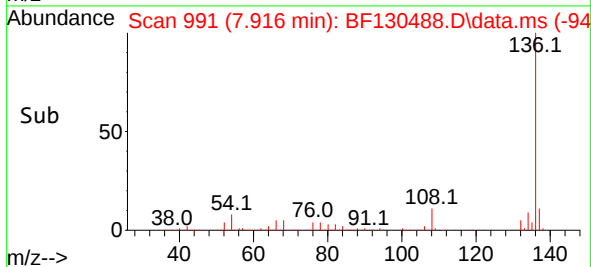
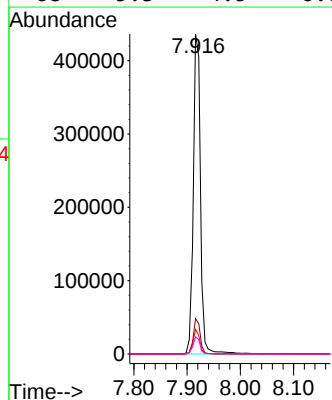
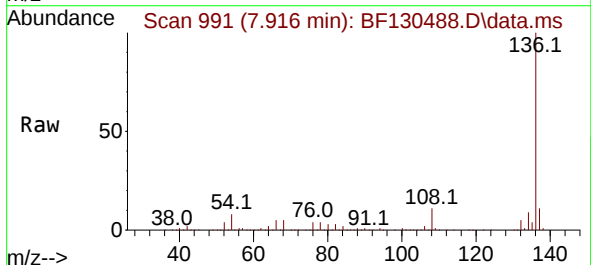
Instrument :
BNA_F
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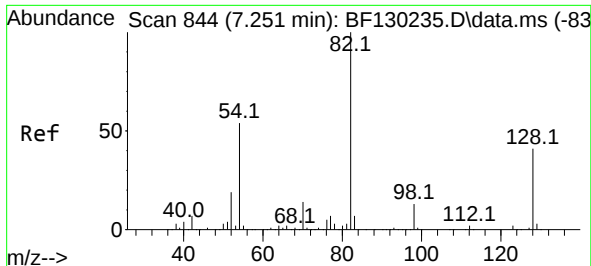
Tgt Ion: 99 Resp: 252896
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion: 136 Resp: 410682
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.7 7.1 10.7
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 61.338 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130488.D

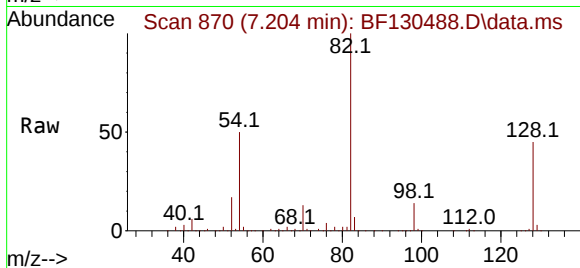
Acq: 30 Sep 2022 17:15

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-10RE



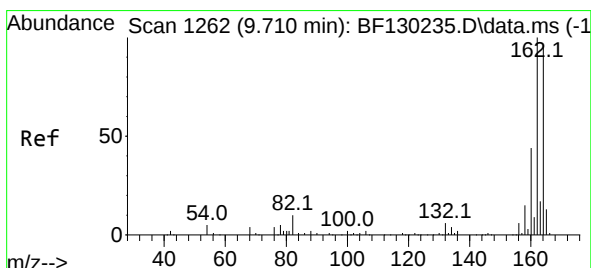
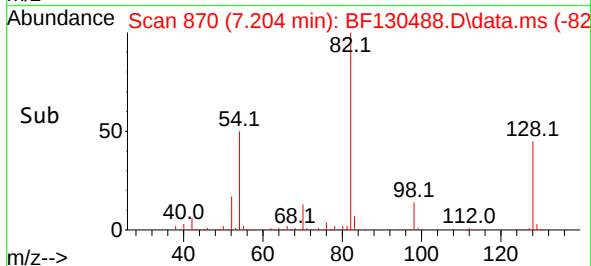
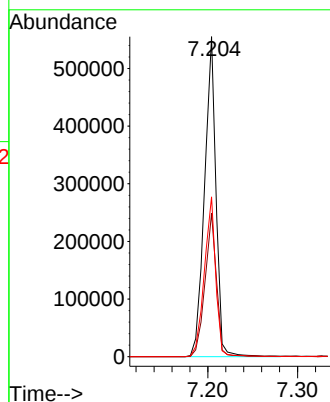
Tgt Ion: 82 Resp: 493075

Ion Ratio Lower Upper

82 100

128 44.9 32.6 49.0

54 50.0 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: BF130488.D

Acq: 30 Sep 2022 17:15

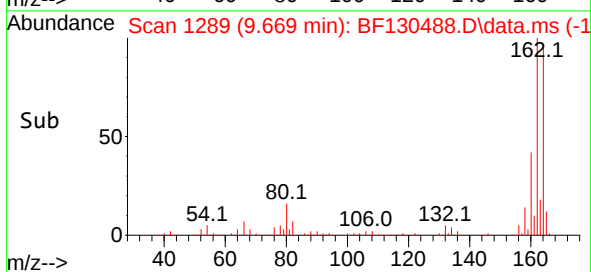
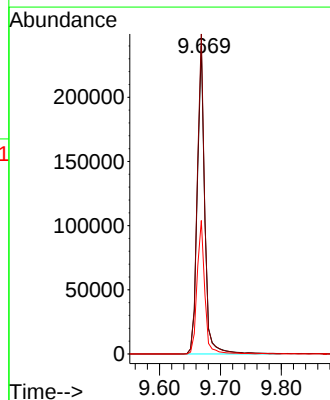
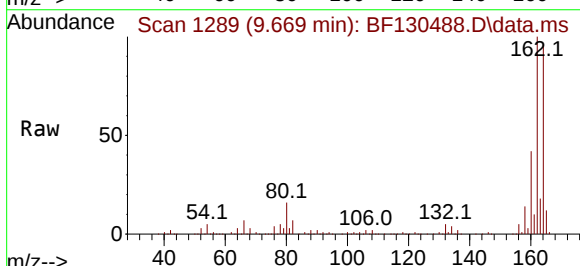
Tgt Ion:164 Resp: 204847

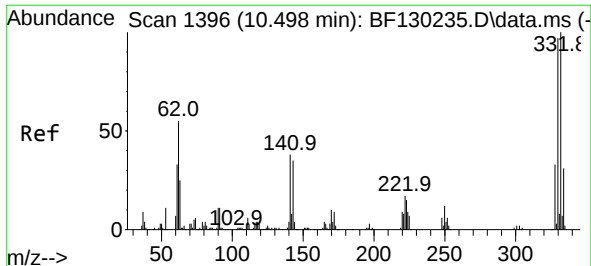
Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

160 43.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 0.068 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130488.D

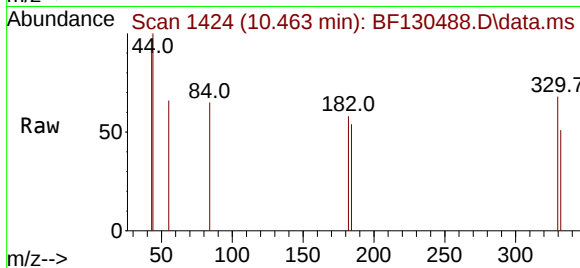
Acq: 30 Sep 2022 17:15

Instrument :

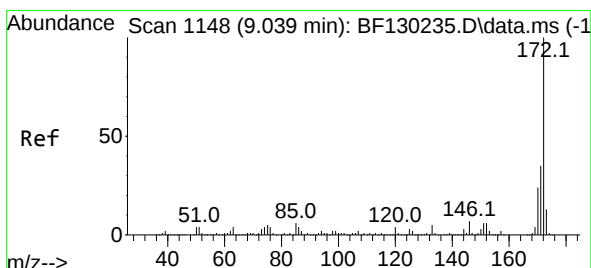
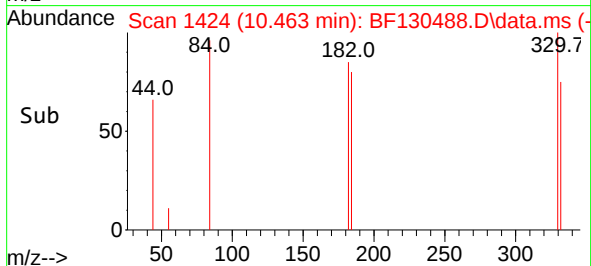
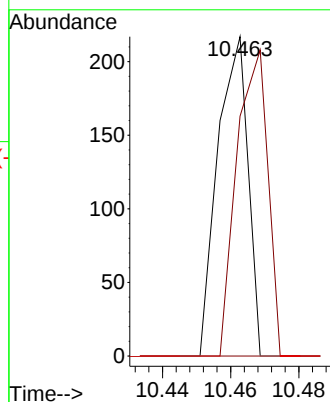
BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-10RE



Tgt Ion:	330	Resp:	133
Ion	Ratio	Lower	Upper
330	100		
332	98.5	83.4	125.2
141	0.0	34.0	51.0



#45

2-Fluorobiphenyl

Concen: 66.879 ng

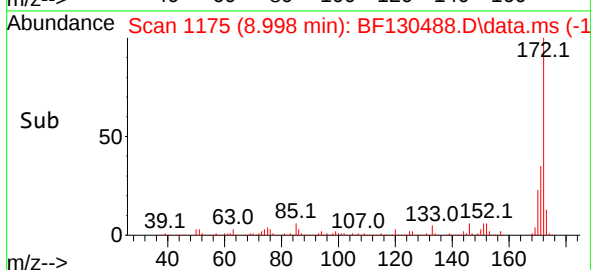
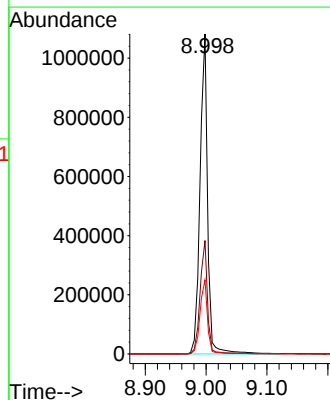
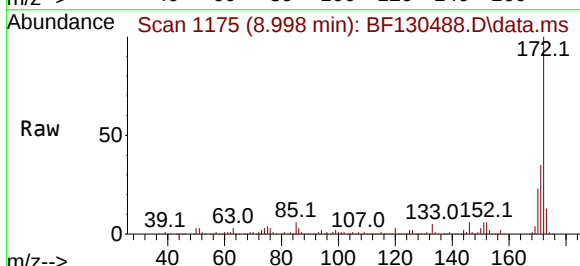
RT: 8.998 min Scan# 1175

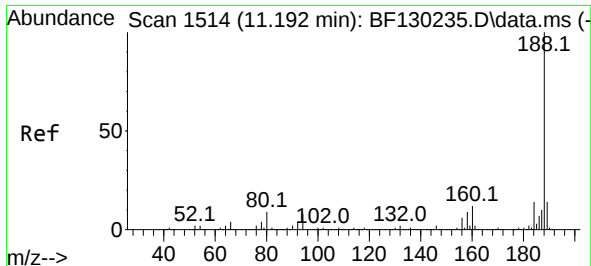
Delta R.T. -0.012 min

Lab File: BF130488.D

Acq: 30 Sep 2022 17:15

Tgt Ion:	172	Resp:	940807
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.2	18.7	28.1

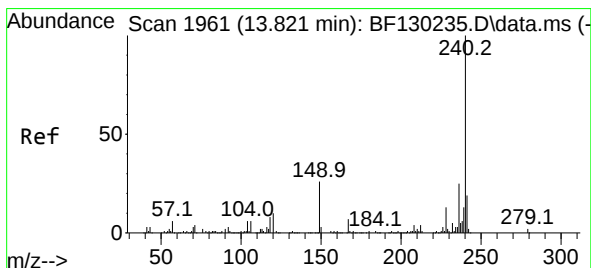
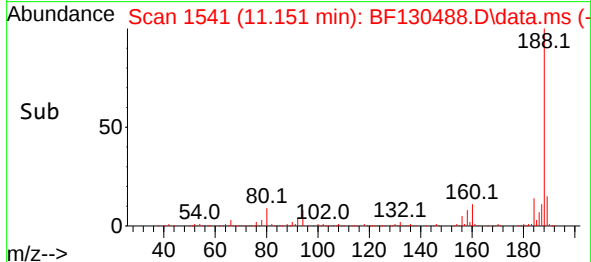
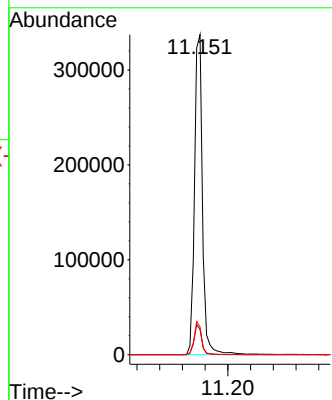
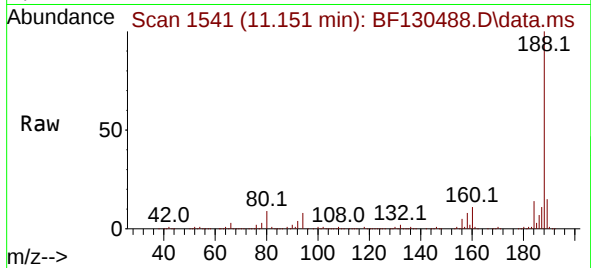




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

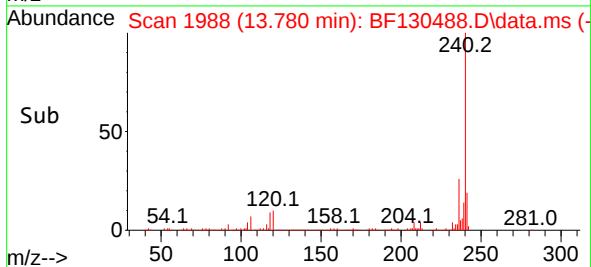
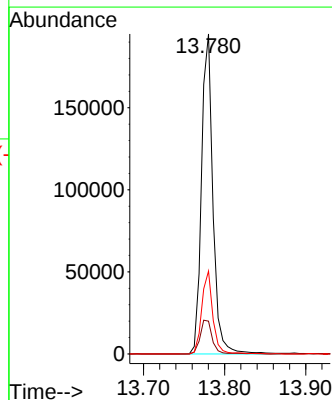
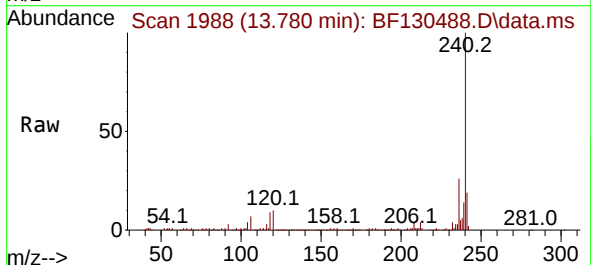
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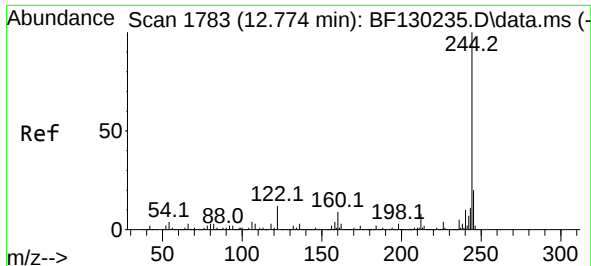
Tgt Ion:188 Resp: 329968
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion:240 Resp: 191260
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 25.9 20.9 31.3

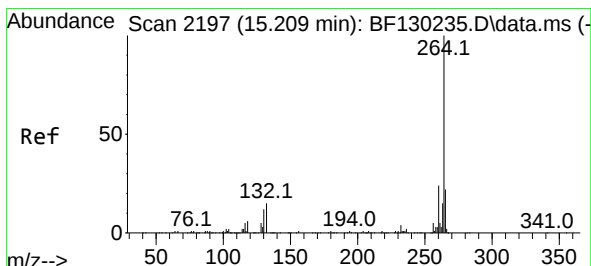
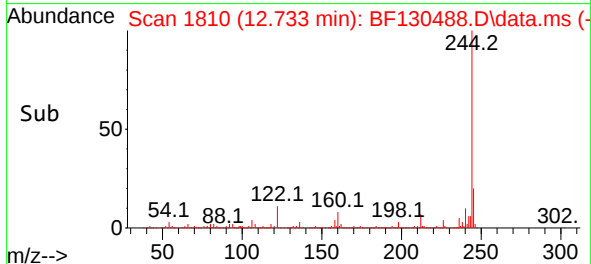
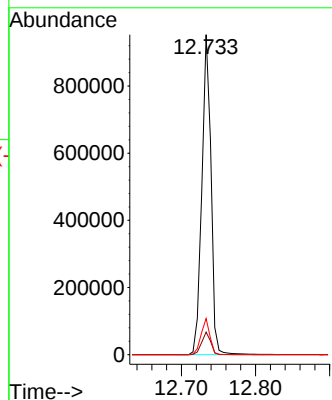
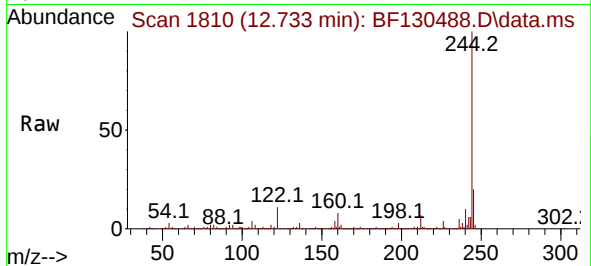




#79
 Terphenyl-d14
 Concen: 70.587 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130488.D
 Acq: 30 Sep 2022 17:15

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 815002
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.3 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: BF130488.D
 Acq: 30 Sep 2022 17:15

Tgt Ion:264 Resp: 222507
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.6 17.0 25.4

