

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130796.D
 Acq On : 26 Oct 2022 22:19
 Operator : CG\JU
 Sample : N5265-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11976

Quant Time: Oct 27 09:07:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	139503	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	587204	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	299021	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	483668	20.000	ng	# 0.00
76) Chrysene-d12	13.716	240	247064	20.000	ng	0.00
86) Perylene-d12	15.098	264	271649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	620461	76.695	ng	0.00
7) Phenol-d6	6.222	99	1027287	104.952	ng	0.00
23) Nitrobenzene-d5	7.139	82	638634	57.694	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	107554	37.822	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1204537	61.388	ng	0.00
79) Terphenyl-d14	12.657	244	1040792	70.991	ng	0.00

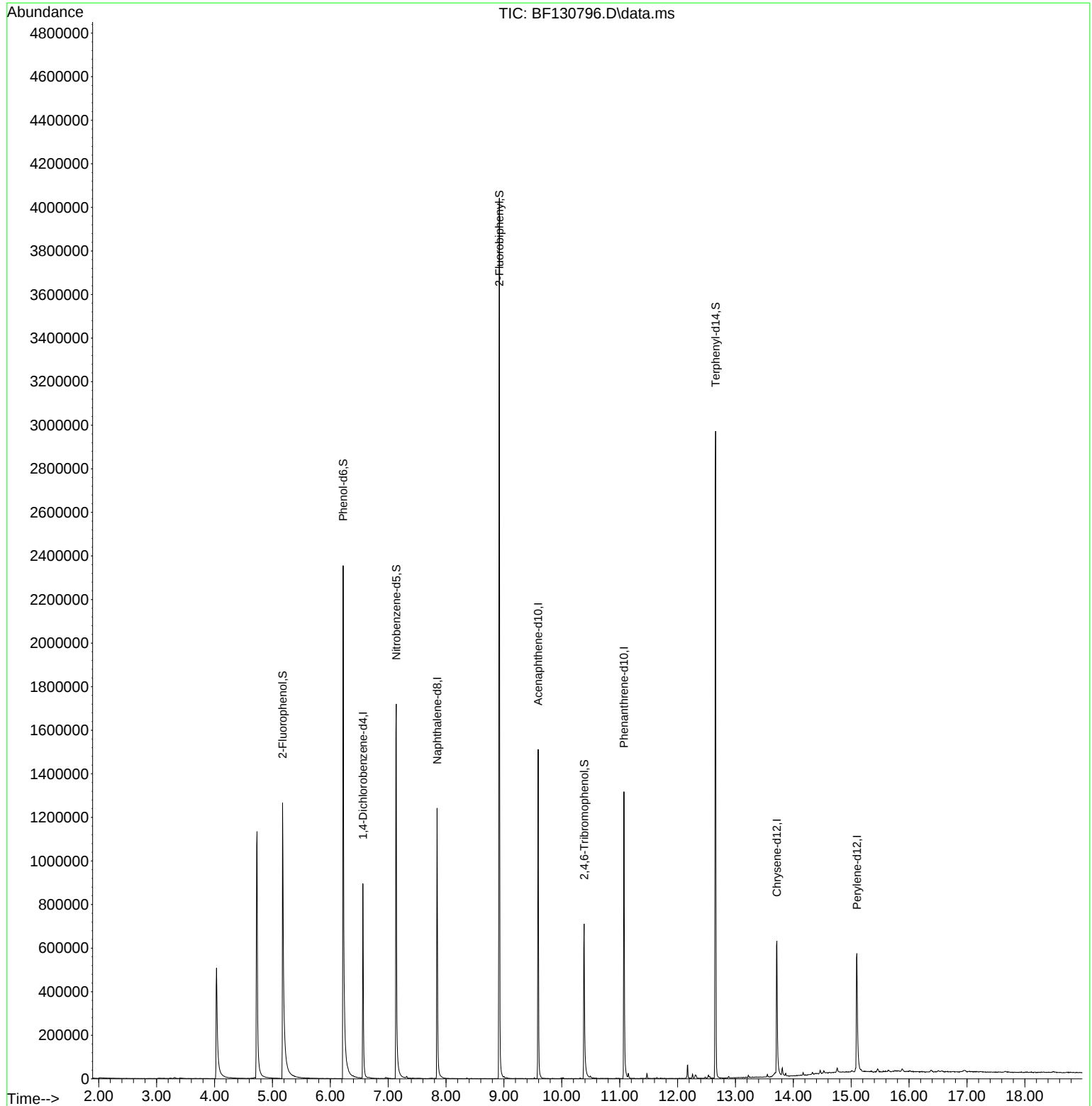
Target Compounds Qvalue

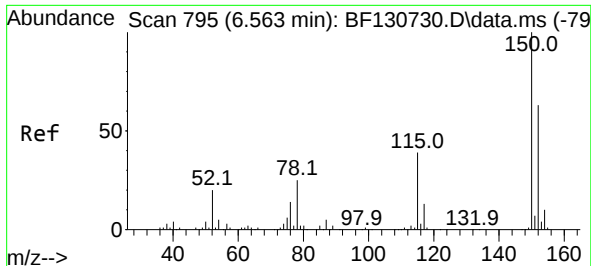
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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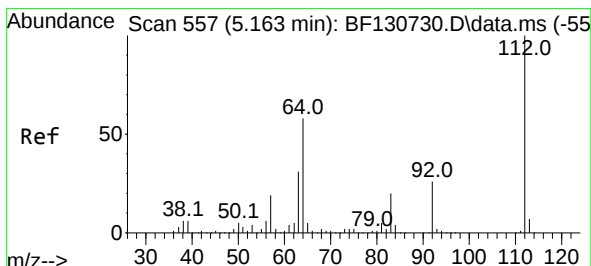
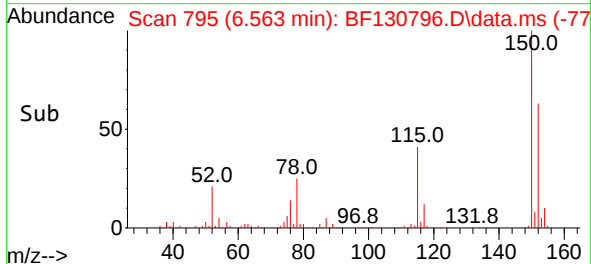
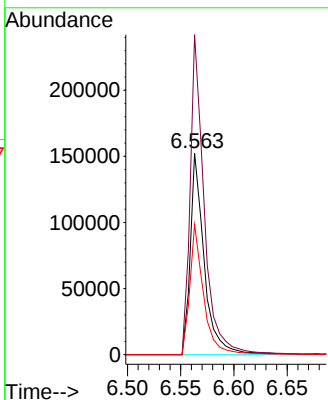
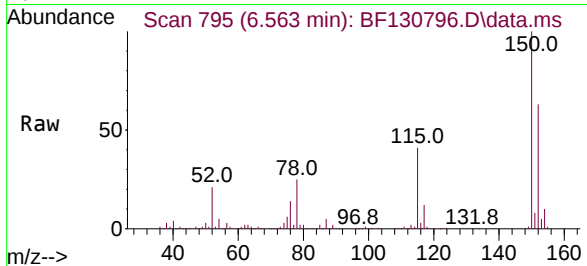




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

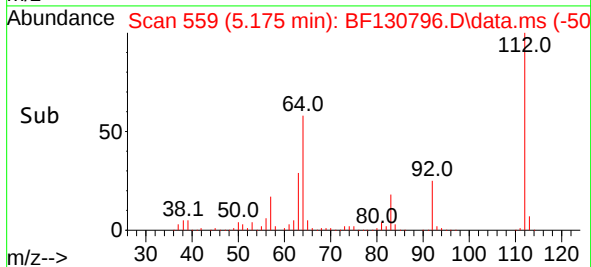
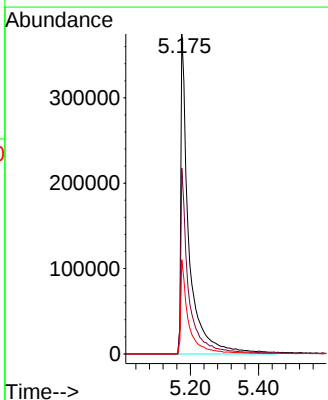
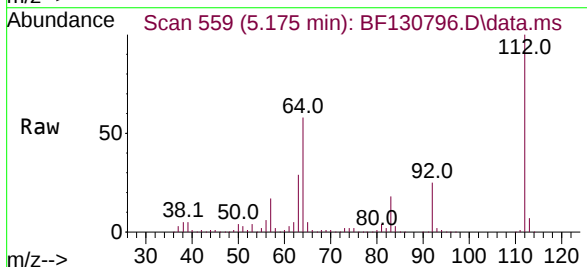
Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11976

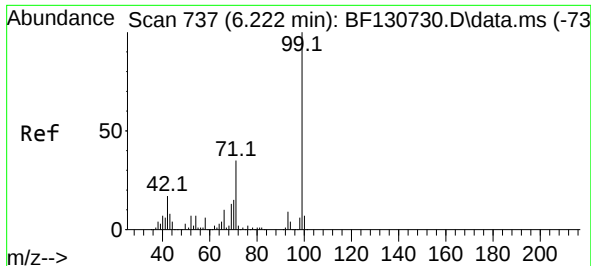
Tgt Ion:152 Resp: 139503
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 76.695 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion:112 Resp: 620461
Ion Ratio Lower Upper
112 100
64 58.0 46.2 69.4
63 29.4 25.1 37.7

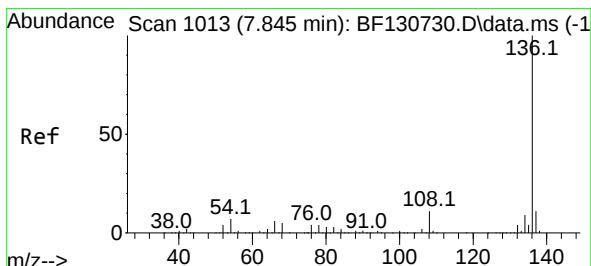
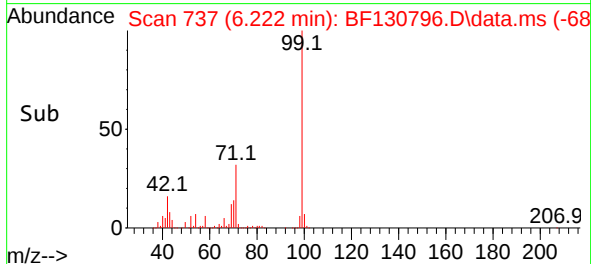
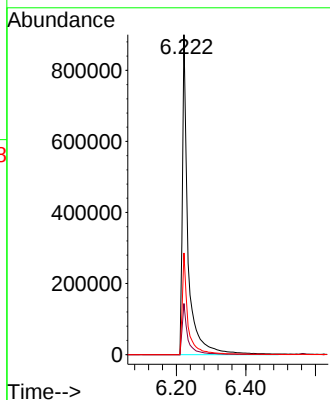
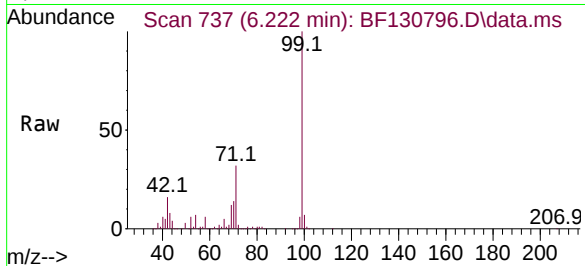




#7
Phenol-d6
Concen: 104.952 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

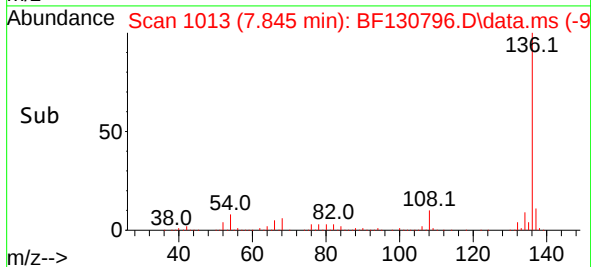
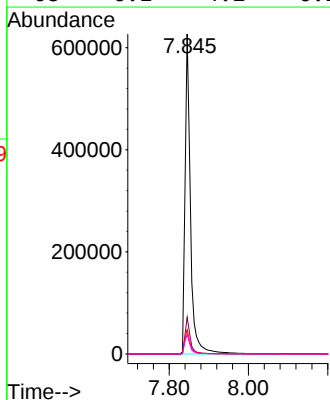
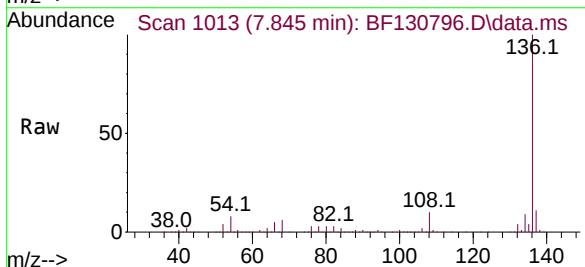
Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11976

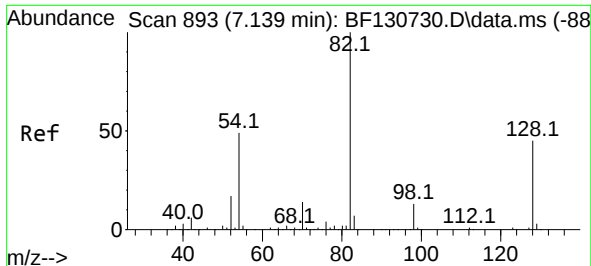
Tgt Ion: 99 Resp: 1027287
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.8
71 31.8 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

Tgt Ion: 136 Resp: 587204
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.5 5.8 8.8
68 6.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 57.694 ng

RT: 7.139 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF130796.D

Acq: 26 Oct 2022 22:19

Instrument :

BNA_F

ClientSampleId :

CONCRETE-72-11976

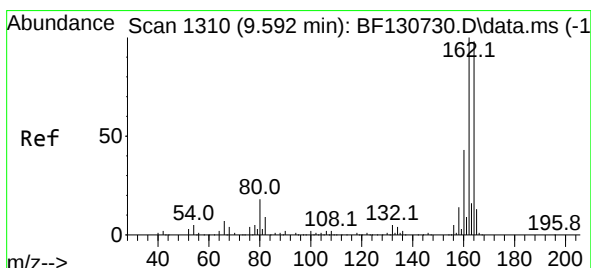
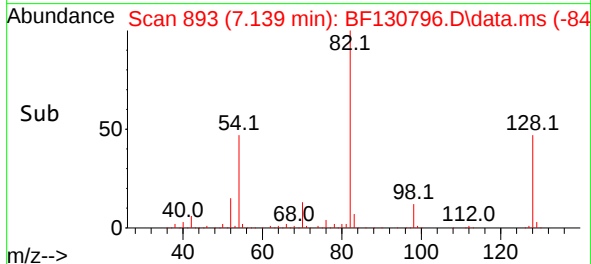
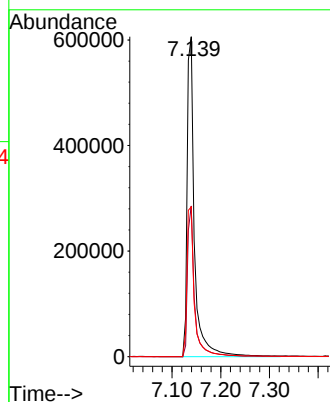
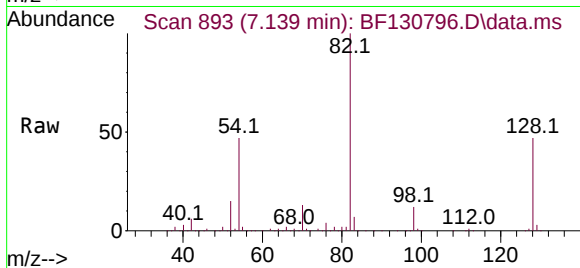
Tgt Ion: 82 Resp: 638634

Ion Ratio Lower Upper

82 100

128 47.1 35.9 53.9

54 46.8 39.2 58.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.592 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF130796.D

Acq: 26 Oct 2022 22:19

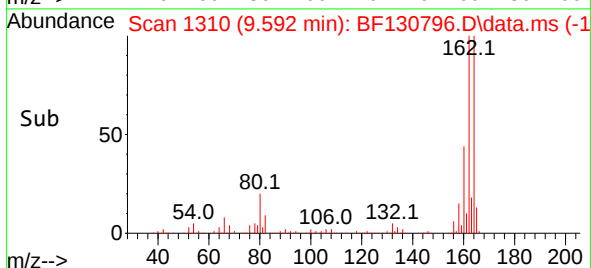
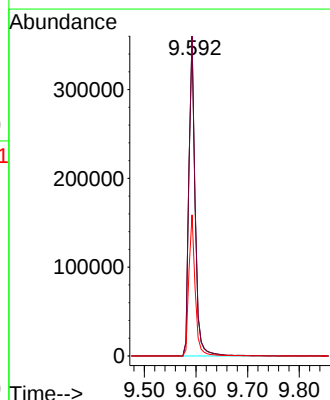
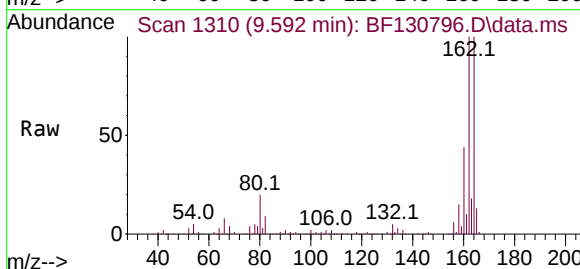
Tgt Ion:164 Resp: 299021

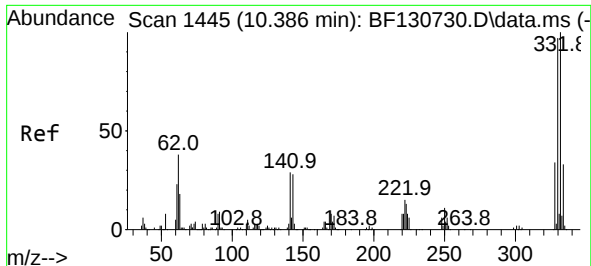
Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 44.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 37.822 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF130796.D

Acq: 26 Oct 2022 22:19

Instrument :

BNA_F

ClientSampleId :

CONCRETE-72-11976

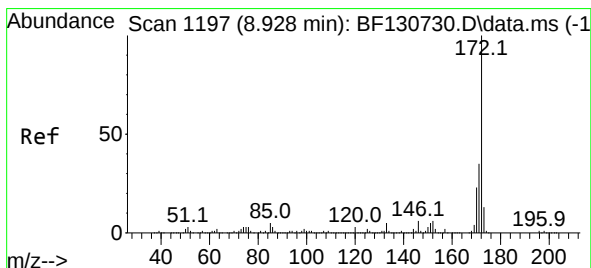
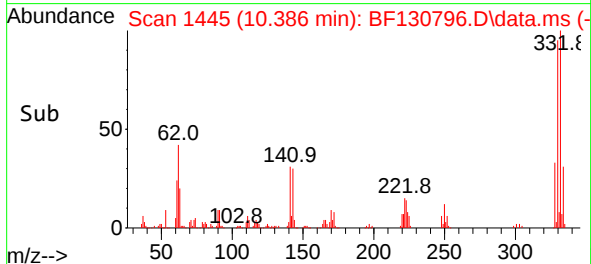
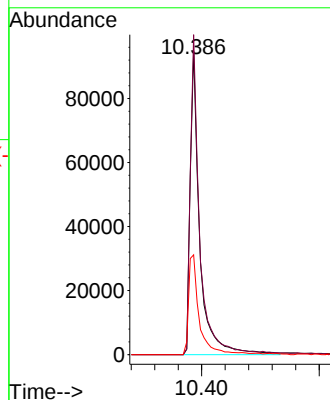
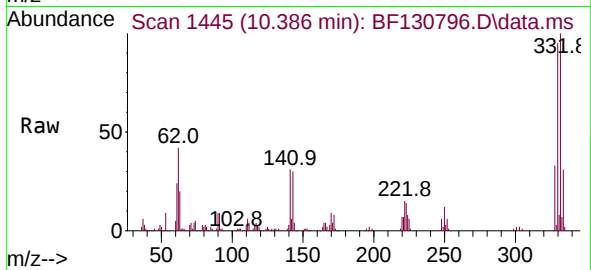
Tgt Ion:330 Resp: 107554

Ion Ratio Lower Upper

330 100

332 102.8 81.4 122.2

141 36.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 61.388 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130796.D

Acq: 26 Oct 2022 22:19

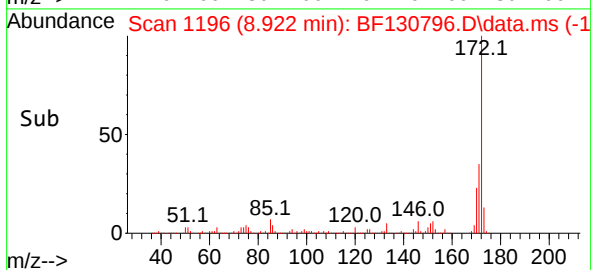
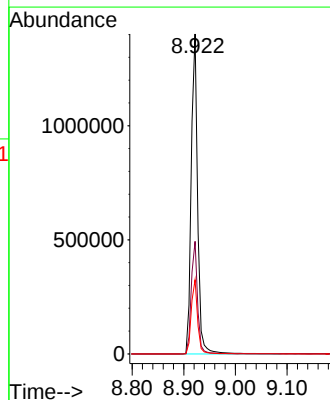
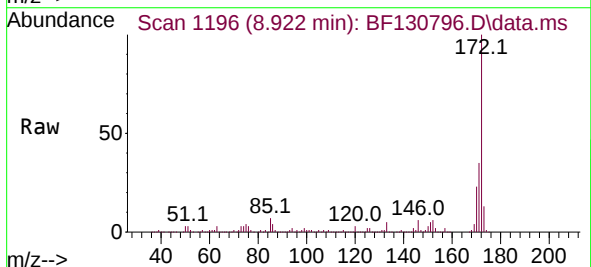
Tgt Ion:172 Resp: 1204537

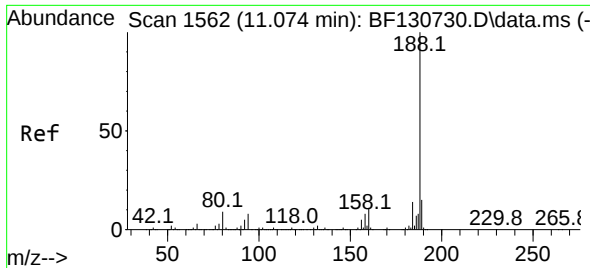
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.2 18.5 27.7

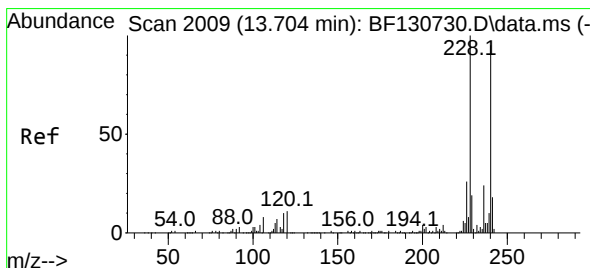
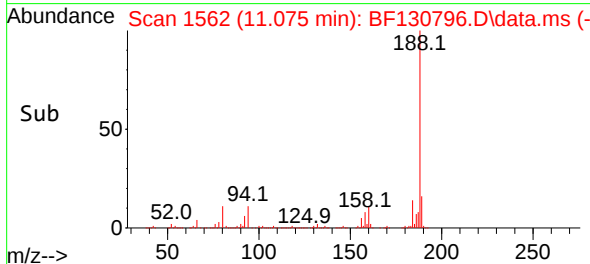
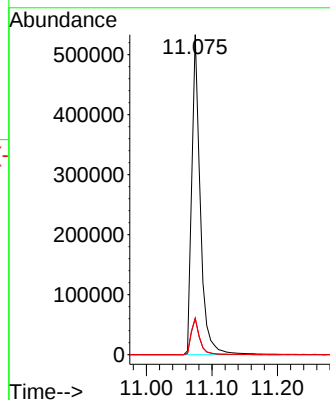
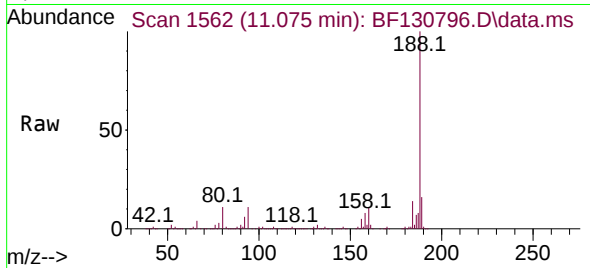




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

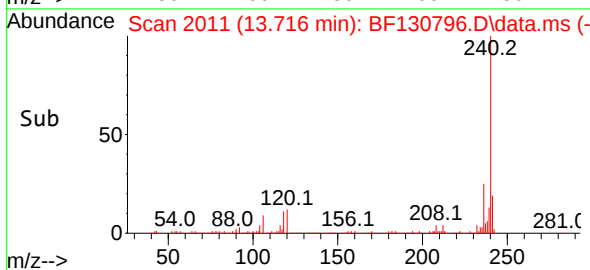
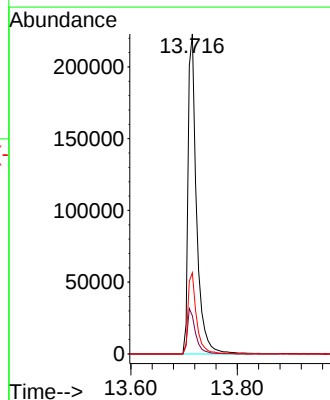
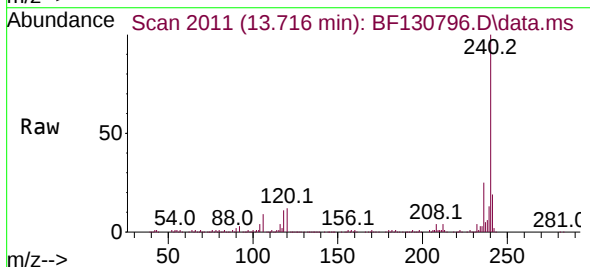
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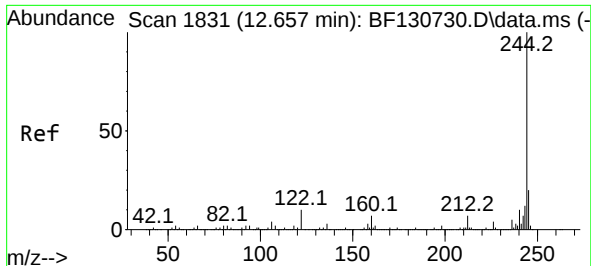
Tgt Ion:188 Resp: 483668
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 11.5 7.4 11.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.716 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF130796.D
Acq: 26 Oct 2022 22:19

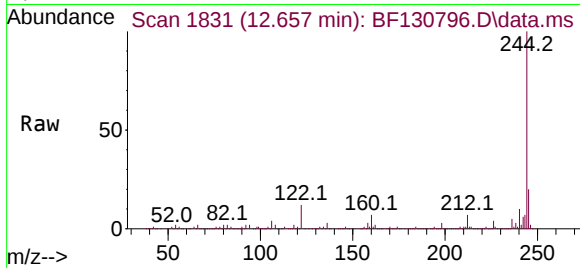
Tgt Ion:240 Resp: 247064
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 25.3 20.2 30.2



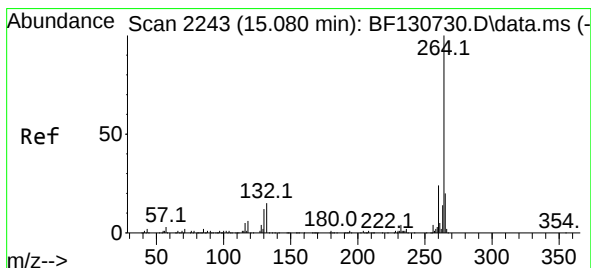
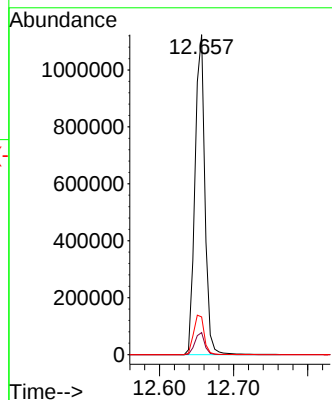
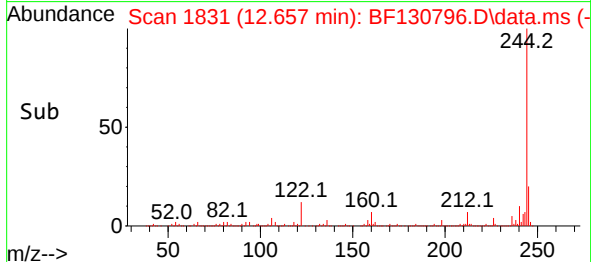


#79
 Terphenyl-d14
 Concen: 70.991 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130796.D
 Acq: 26 Oct 2022 22:19

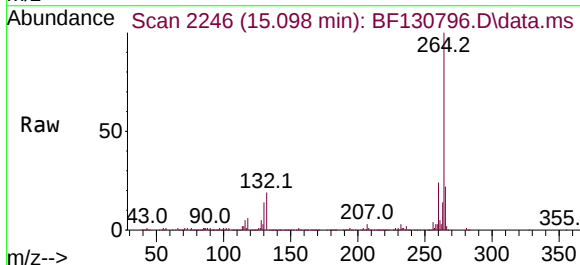
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11976



Tgt Ion:244 Resp: 1040792
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF130796.D
 Acq: 26 Oct 2022 22:19



Tgt Ion:264 Resp: 271649
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.8 16.2 24.4

