

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130666.D
 Acq On : 14 Oct 2022 15:30
 Operator : CG\JU
 Sample : N5134-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Quant Time: Oct 17 02:20:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

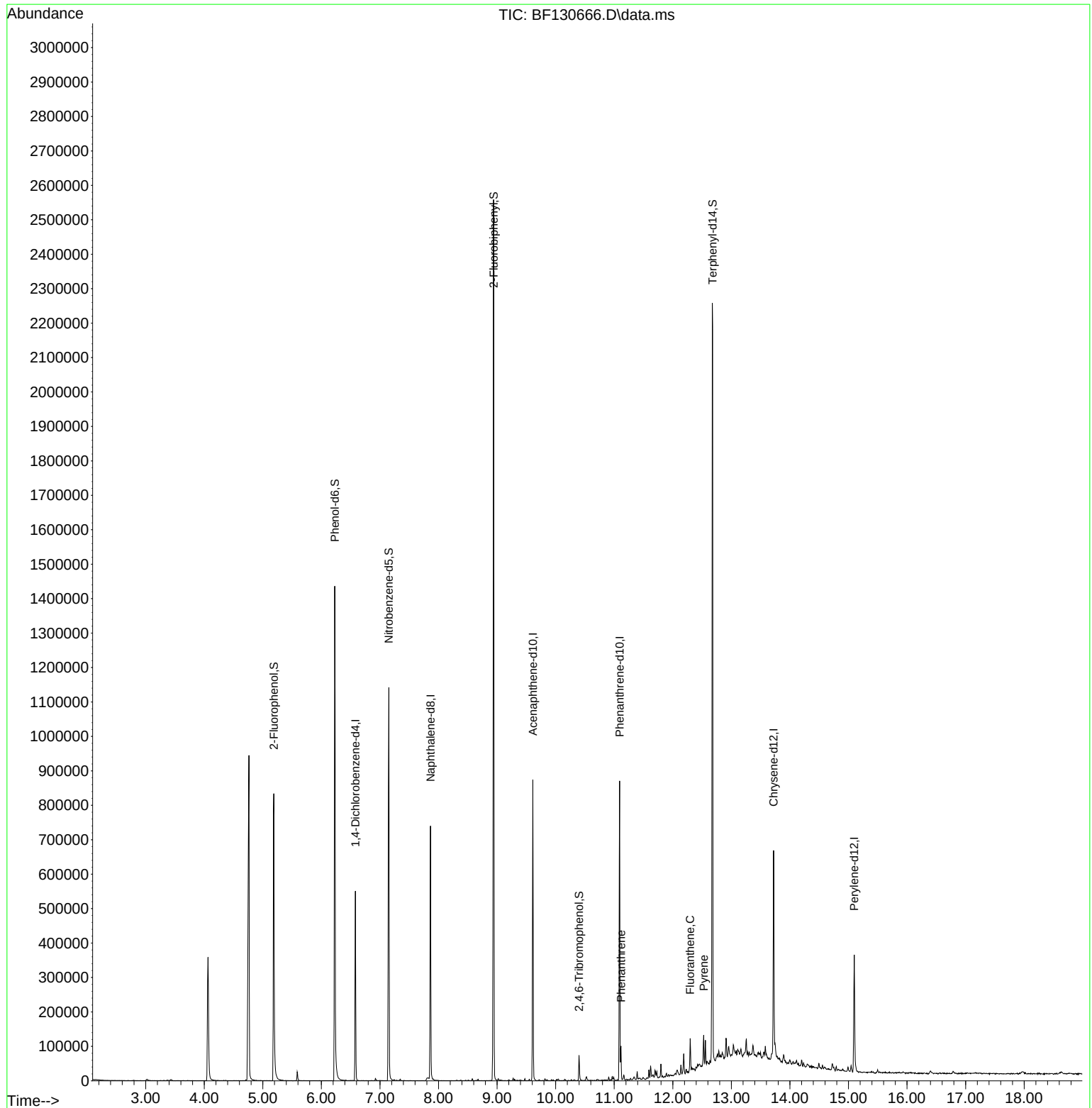
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	79534	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	308370	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	168911	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	293344	20.000	ng	0.00
76) Chrysene-d12	13.721	240	189671	20.000	ng	0.00
86) Perylene-d12	15.098	264	136542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	264389	59.921	ng	0.00
7) Phenol-d6	6.228	99	512847	92.446	ng	-0.01
23) Nitrobenzene-d5	7.151	82	355118	62.866	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	8966	5.425	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	723414	64.874	ng	-0.01
79) Terphenyl-d14	12.680	244	795338	69.597	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.116	178	36577	2.251	ng	97
75) Fluoranthene	12.298	202	33934	2.172	ng	98
78) Pyrene	12.527	202	36070	2.204	ng	98

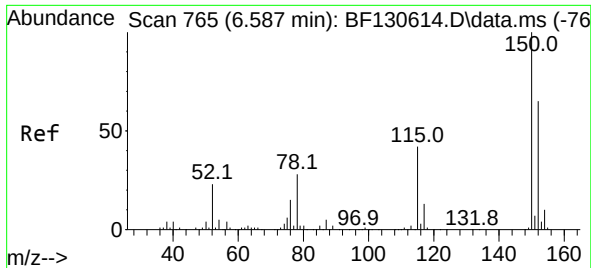
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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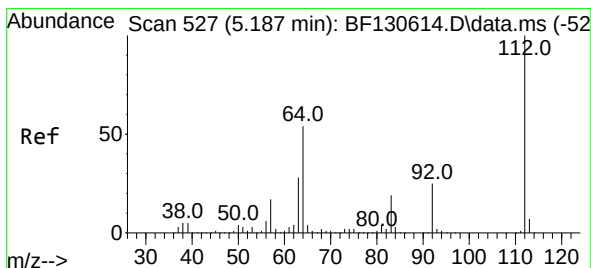
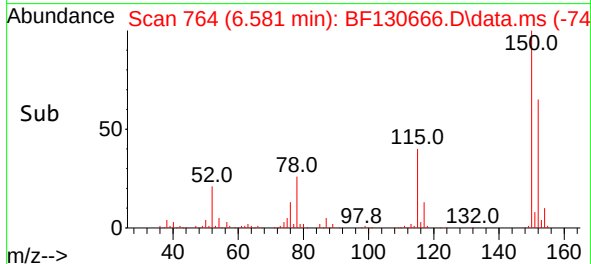
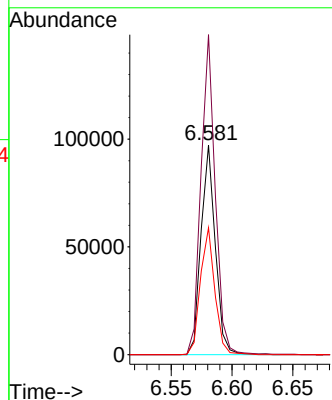
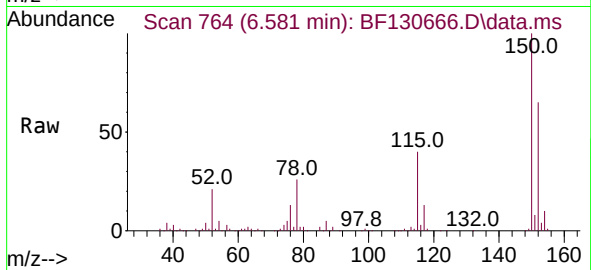




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.581 min Scan# 764
 Delta R.T. -0.006 min
 Lab File: BF130666.D
 Acq: 14 Oct 2022 15:30

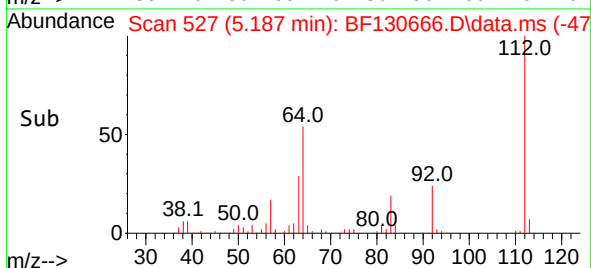
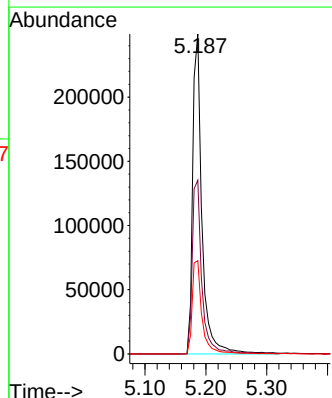
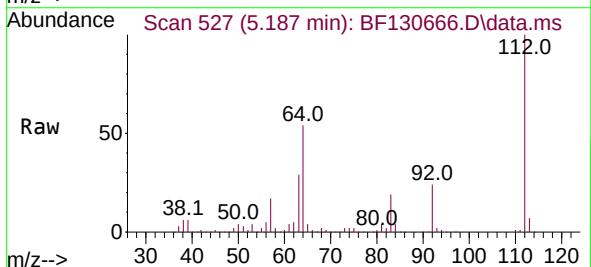
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

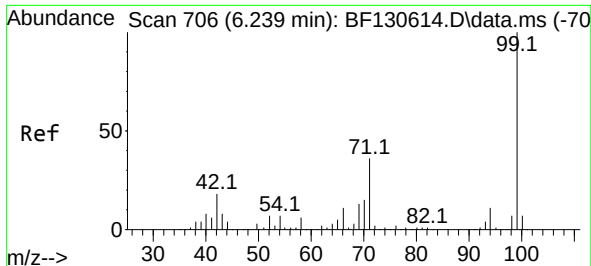
Tgt Ion:152 Resp: 79534
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.6
 115 60.5 52.2 78.4



#5
 2-Fluorophenol
 Concen: 59.921 ng
 RT: 5.187 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: BF130666.D
 Acq: 14 Oct 2022 15:30

Tgt Ion:112 Resp: 264389
 Ion Ratio Lower Upper
 112 100
 64 54.3 43.5 65.3
 63 29.1 22.6 34.0

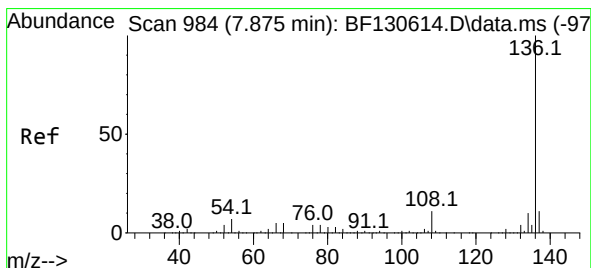
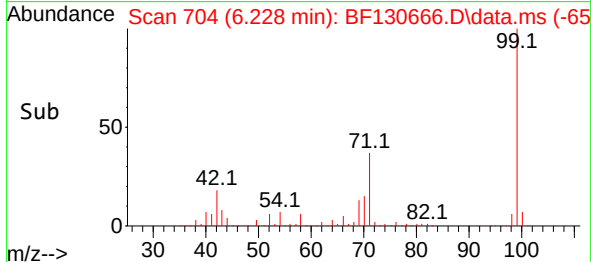
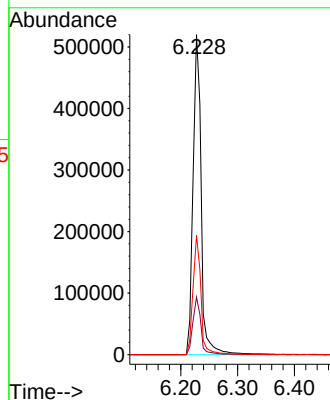
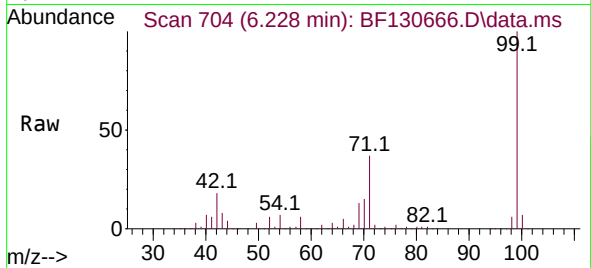




#7
Phenol-d6
Concen: 92.446 ng
RT: 6.228 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

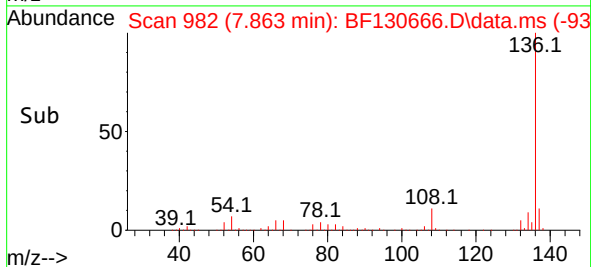
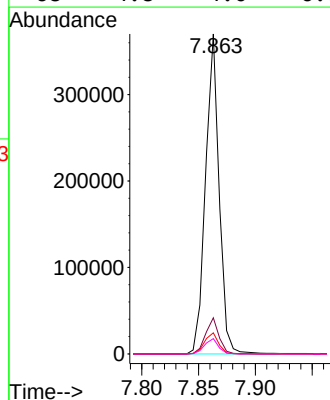
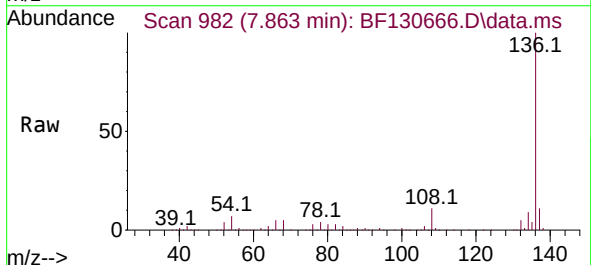
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

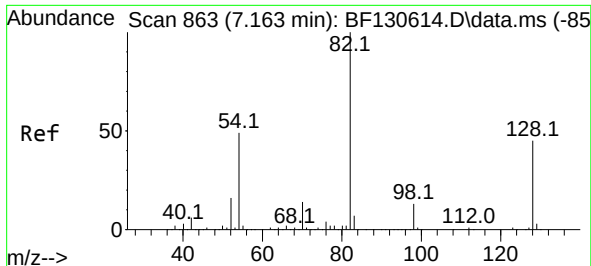
Tgt Ion: 99 Resp: 512847
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

Tgt Ion: 136 Resp: 308370
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.6 5.5 8.3
68 4.8 4.0 6.0

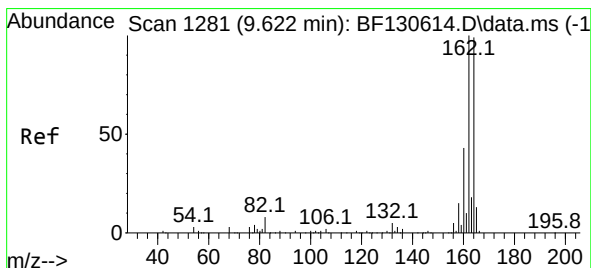
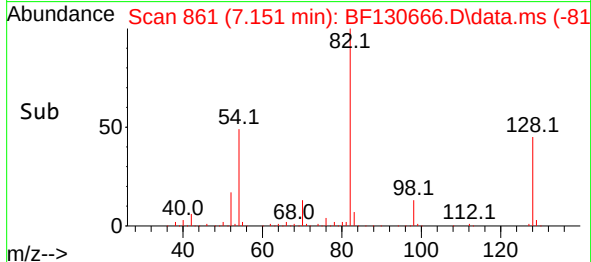
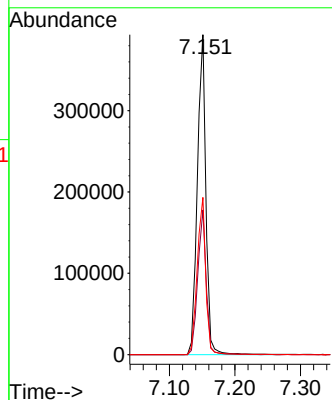
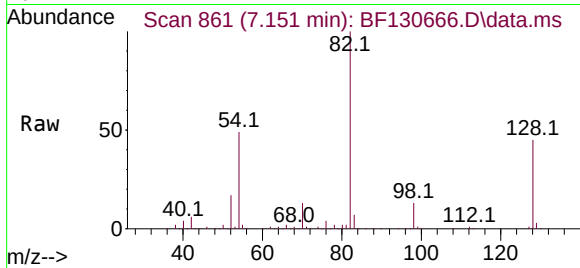




#23
 Nitrobenzene-d5
 Concen: 62.866 ng
 RT: 7.151 min Scan# 861
 Delta R.T. -0.012 min
 Lab File: BF130666.D
 Acq: 14 Oct 2022 15:30

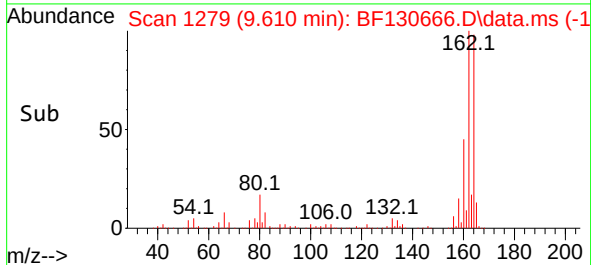
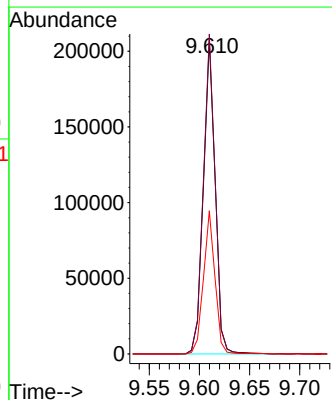
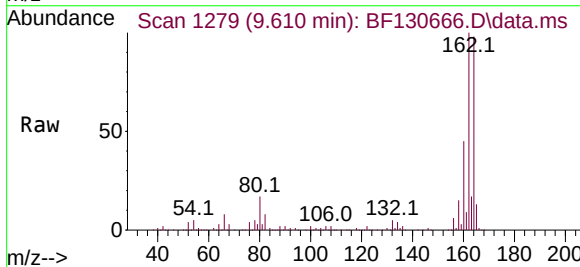
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

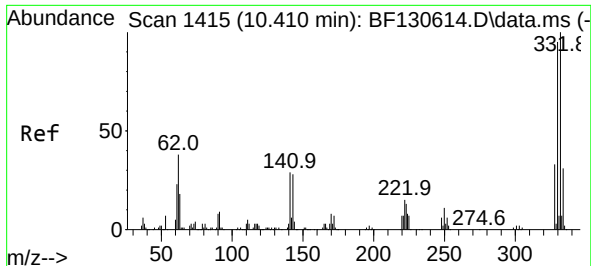
Tgt Ion: 82 Resp: 355118
 Ion Ratio Lower Upper
 82 100
 128 45.2 35.8 53.6
 54 49.1 39.3 58.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.610 min Scan# 1279
 Delta R.T. -0.012 min
 Lab File: BF130666.D
 Acq: 14 Oct 2022 15:30

Tgt Ion:164 Resp: 168911
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.0 121.4
 160 45.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 5.425 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130666.D

Acq: 14 Oct 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-1

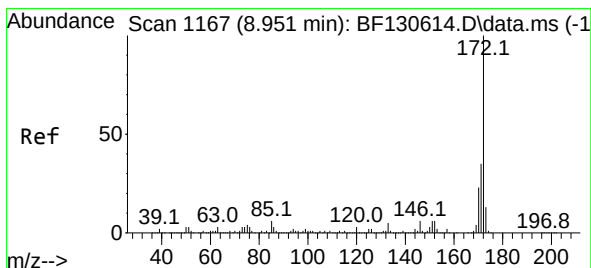
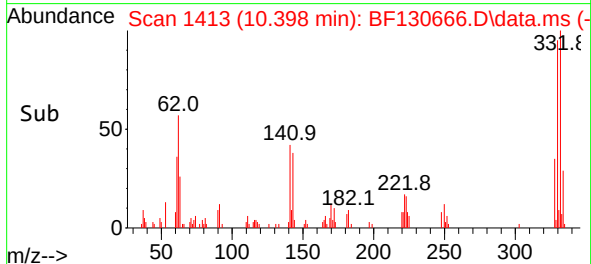
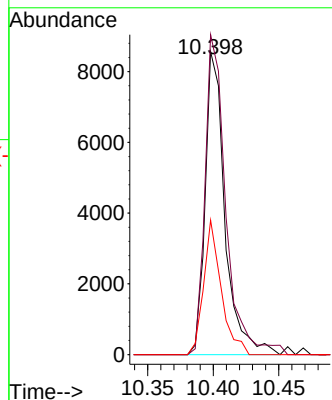
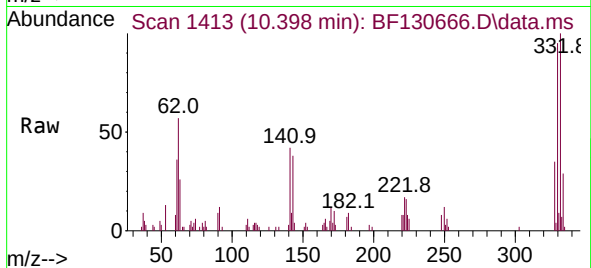
Tgt Ion:330 Resp: 8966

Ion Ratio Lower Upper

330 100

332 111.2 84.2 126.4

141 39.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 64.874 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130666.D

Acq: 14 Oct 2022 15:30

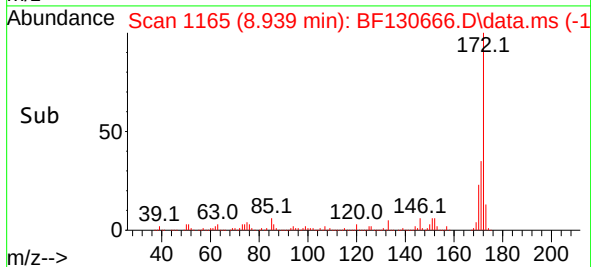
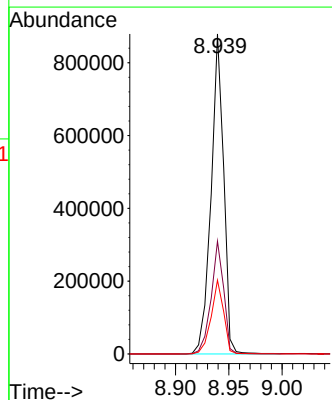
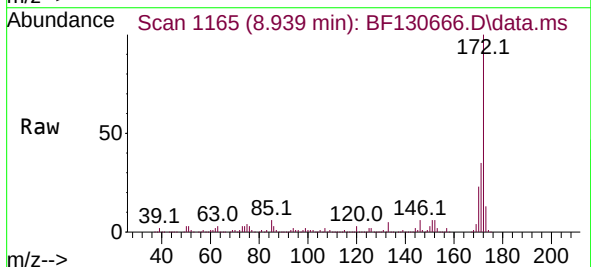
Tgt Ion:172 Resp: 723414

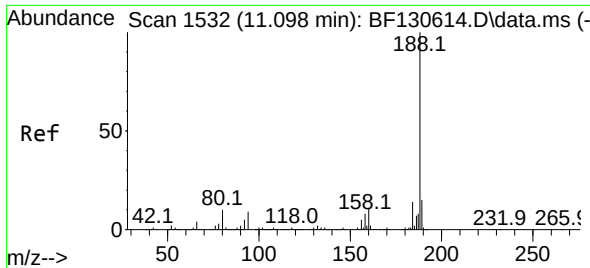
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.0 18.6 27.8

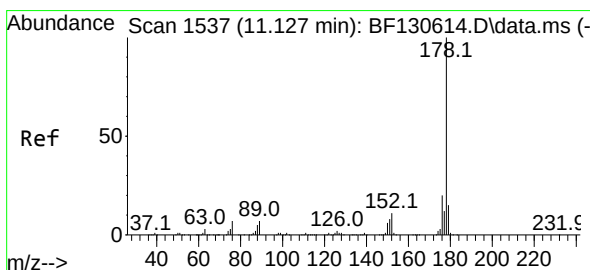
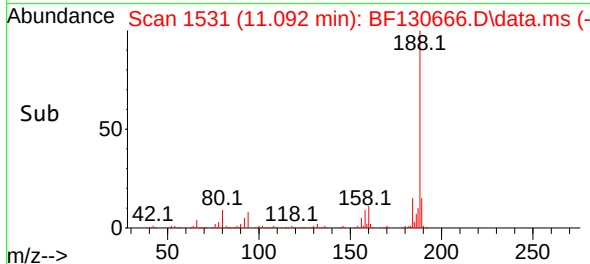
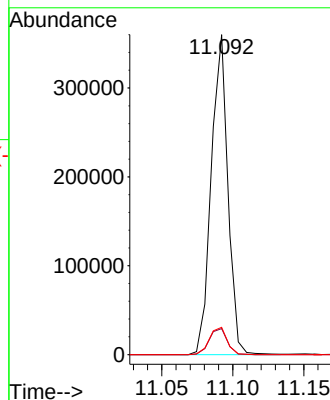
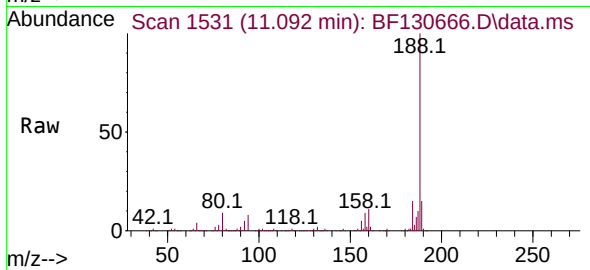




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

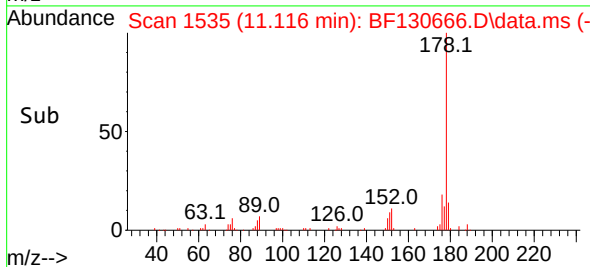
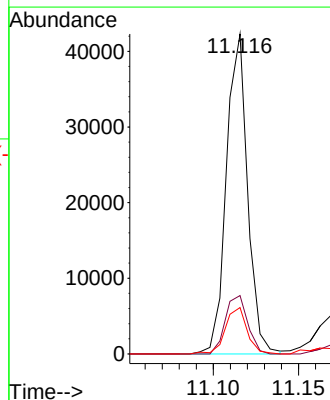
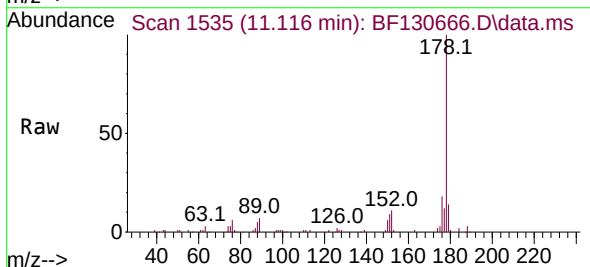
Instrument :
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CONCRETE-COMP-1

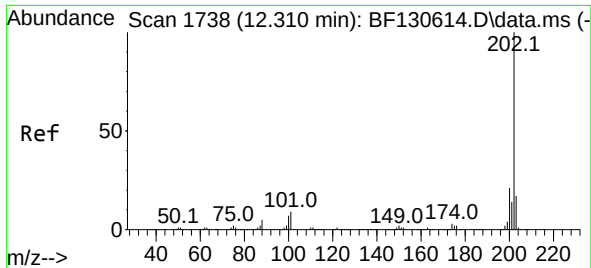
Tgt Ion:188 Resp: 293344
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.5 8.0 12.0



#71
Phenanthrene
Concen: 2.251 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

Tgt Ion:178 Resp: 36577
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 14.5 12.2 18.4

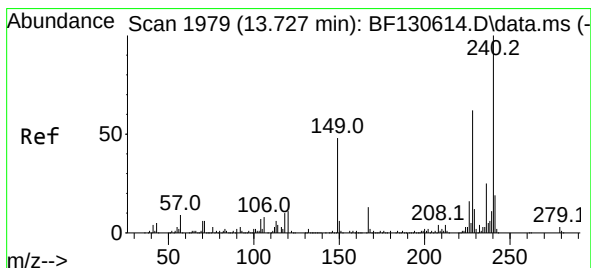
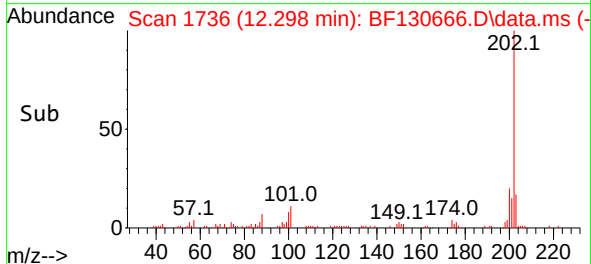
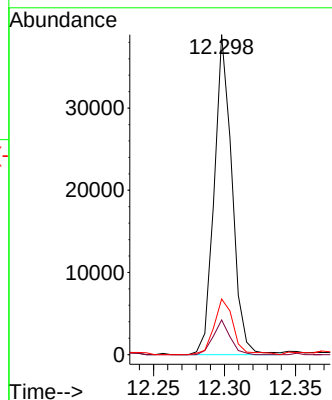
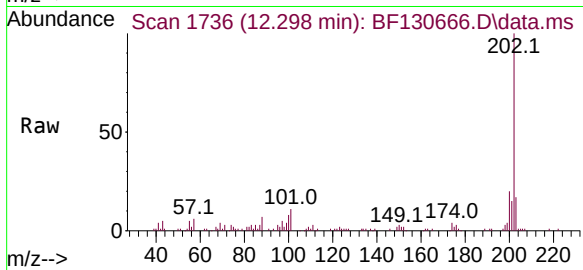




#75
Fluoranthene
Concen: 2.172 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

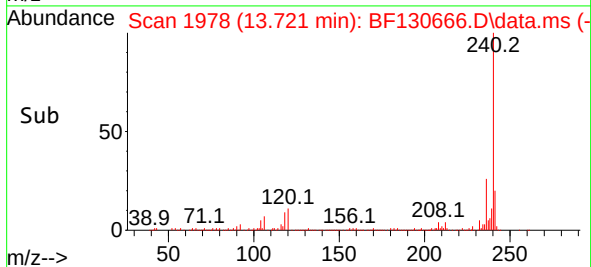
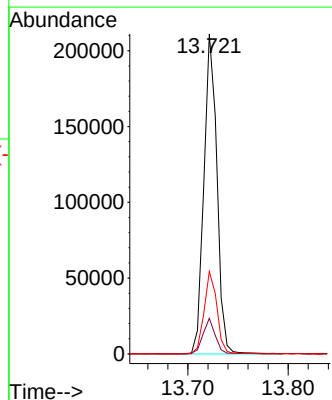
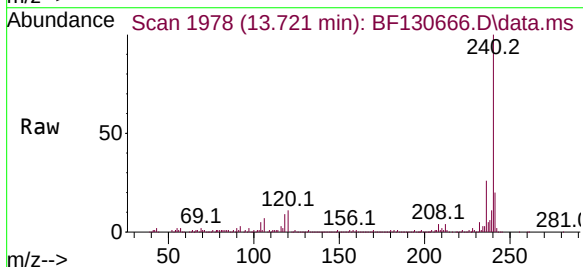
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

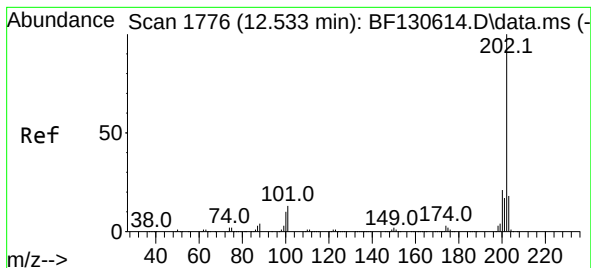
Tgt Ion:202 Resp: 33934
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.1
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

Tgt Ion:240 Resp: 189671
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 25.7 20.2 30.4





#78

Pyrene

Concen: 2.204 ng

RT: 12.527 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BF130666.D

Acq: 14 Oct 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-1

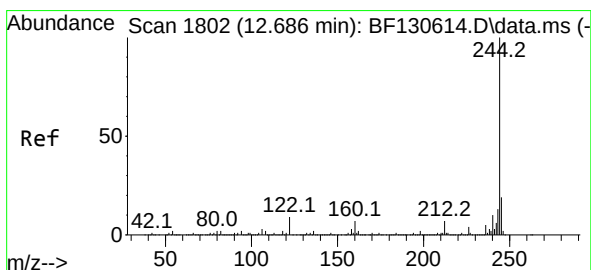
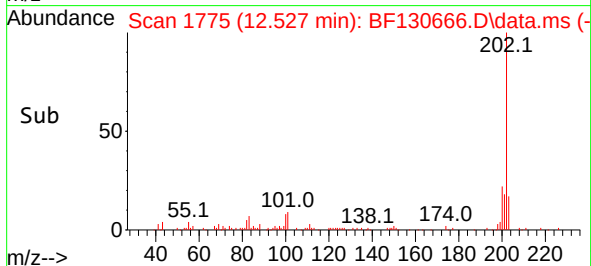
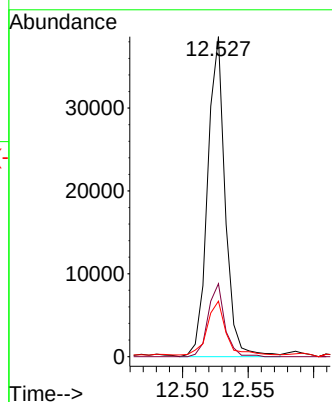
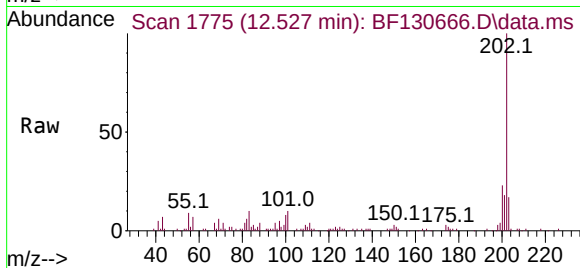
Tgt Ion:202 Resp: 36070

Ion Ratio Lower Upper

202 100

200 22.8 16.7 25.1

203 17.4 14.0 21.0



#79

Terphenyl-d14

Concen: 69.597 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF130666.D

Acq: 14 Oct 2022 15:30

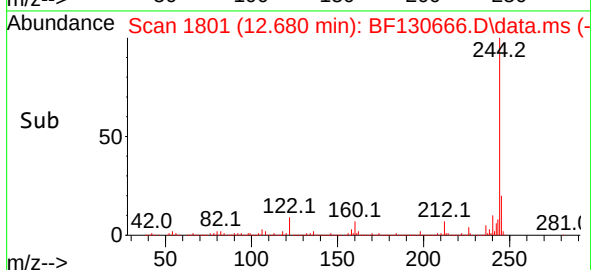
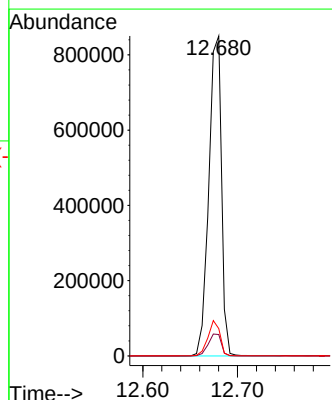
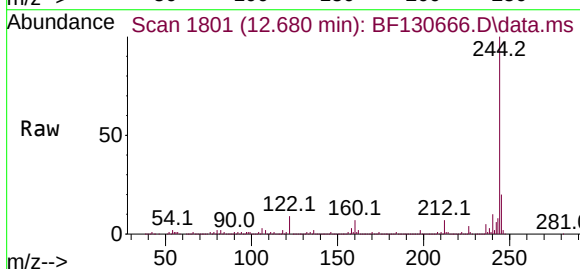
Tgt Ion:244 Resp: 795338

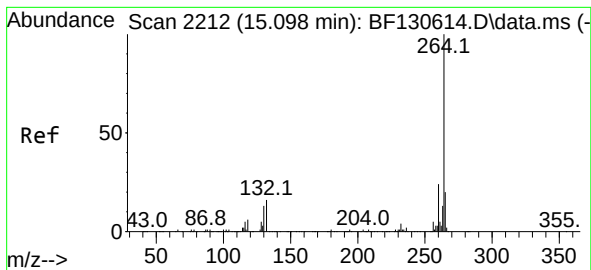
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

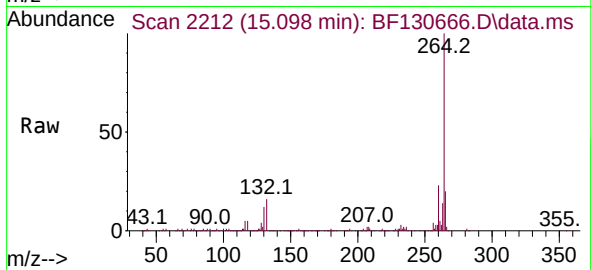
122 8.5 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130666.D
 Acq: 14 Oct 2022 15:30

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1



Tgt Ion:264 Resp: 136542
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 20.5 16.4 24.6

