

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)

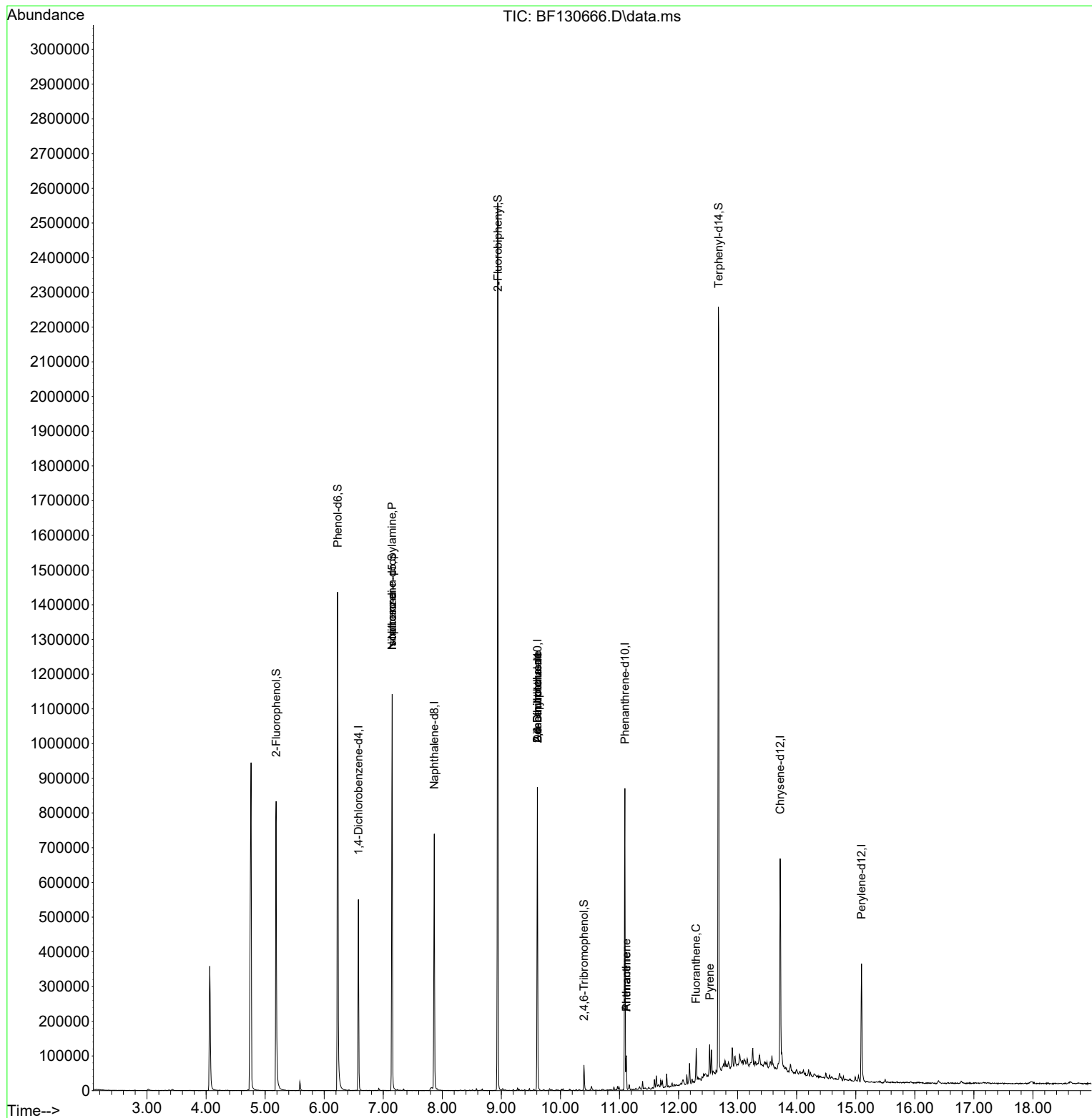
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	79534	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	308370	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	168911	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	293344	20.000	ng	0.00
76) Chrysene-d12	13.721	240	189671	20.000	ng	0.00
86) Perylene-d12	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	
19) n-Nitroso-di-n-propyla...	7.151	70	47104	13.161	ng	# 77
25) Isophorone	7.151	82	355115	37.772	ng	# 64
50) Dimethylphthalate	9.610	163	30855	2.639	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	21749	8.480	ng	# 25
57) 2,4-Dinitrotoluene	9.610	165	21749	6.598	ng	# 15
71) Phenanthrene	11.116	178	36577	2.251	ng	97
72) Anthracene	11.116	178	36577	2.304	ng	98
75) Fluoranthene	12.298	202	33934	2.172	ng	98
78) Pyrene	12.527	202	36070	2.204	ng	98

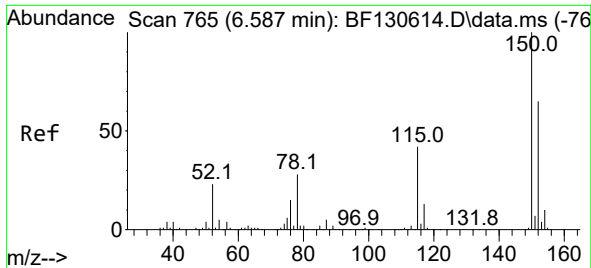
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
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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

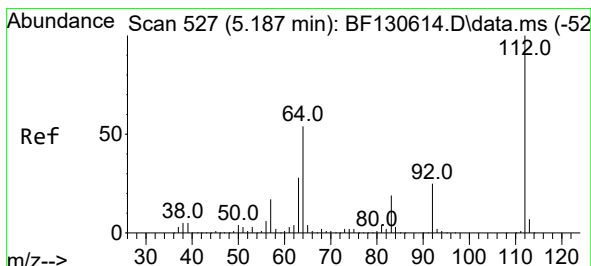
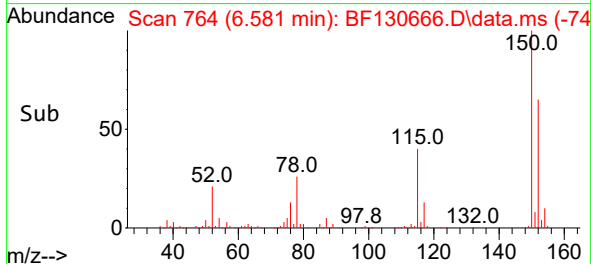
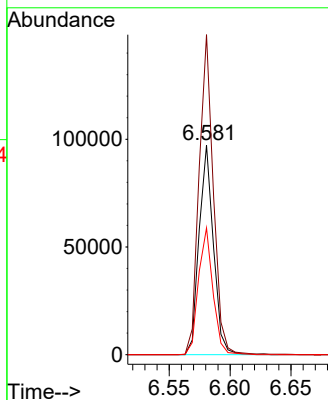
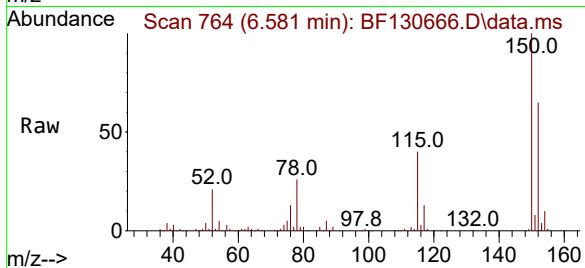




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

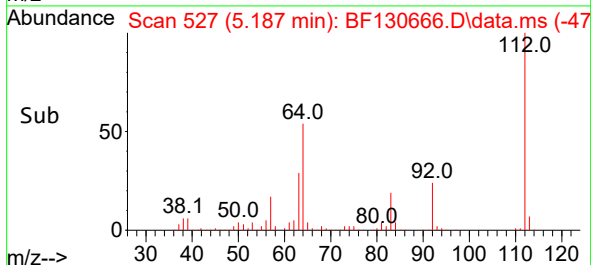
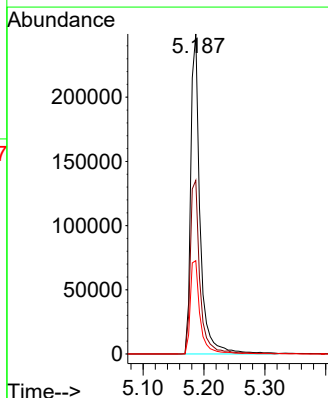
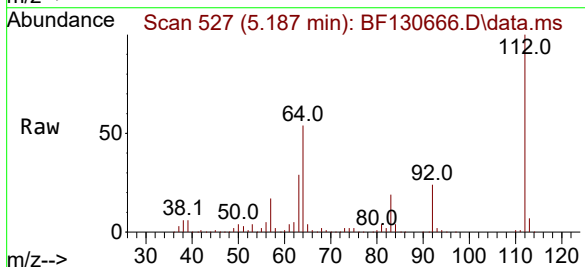
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

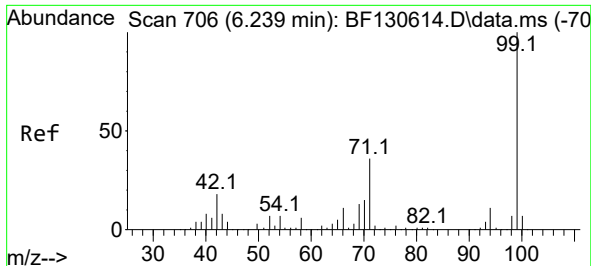
Tgt Ion:152 Resp: 79534
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 60.5 52.2 78.4



#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

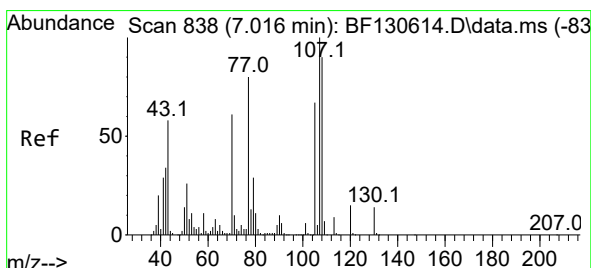
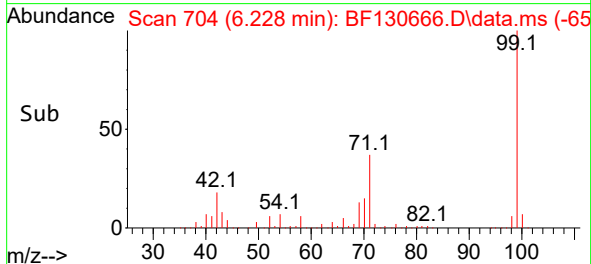
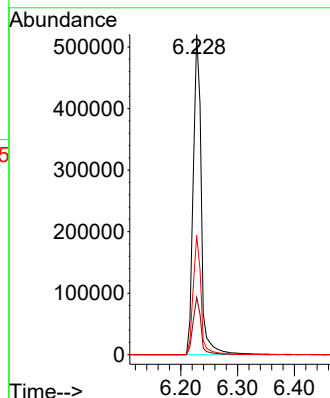
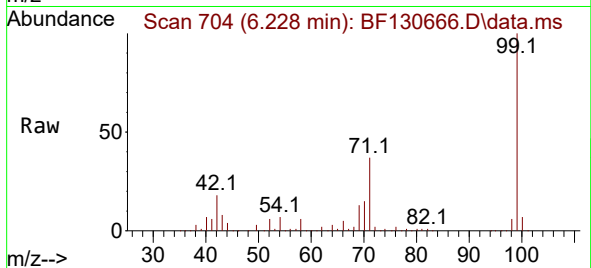




#7
Phenol-d6
Concen: 92.446 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

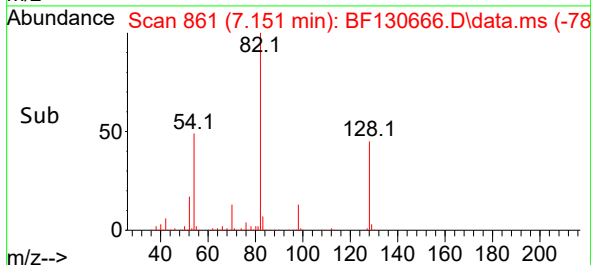
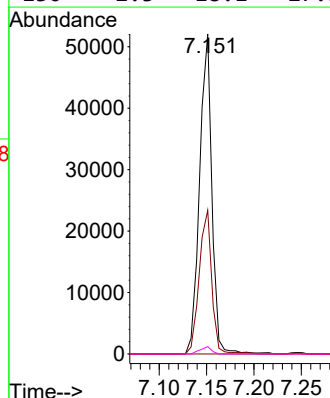
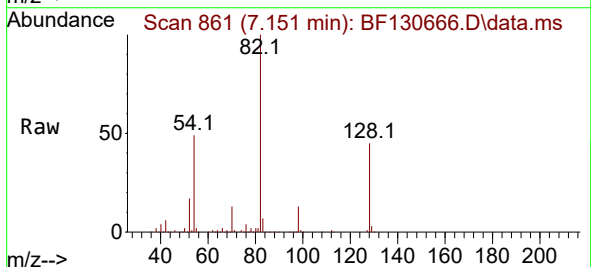
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

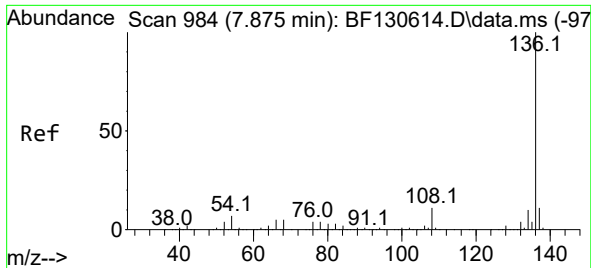
Tgt Ion: 99 Resp: 512847
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.161 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

Tgt Ion: 70 Resp: 47104
Ion Ratio Lower Upper
70 100
42 44.9 44.3 66.5
101 0.0 7.9 11.9#
130 2.3 18.1 27.1#

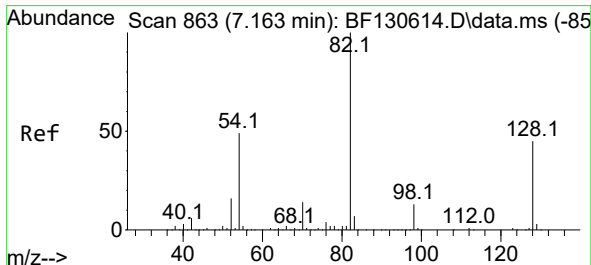
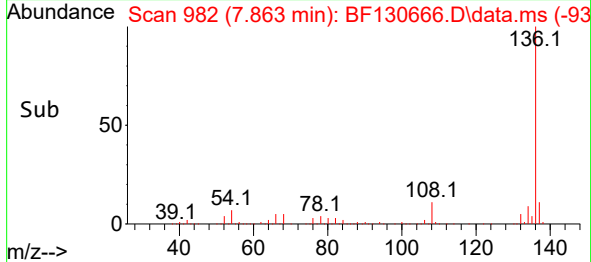
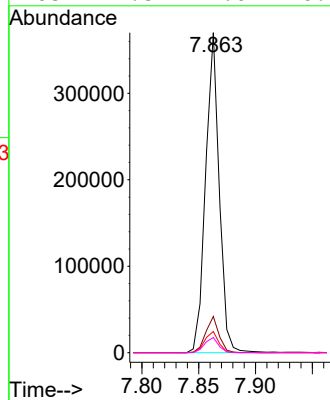
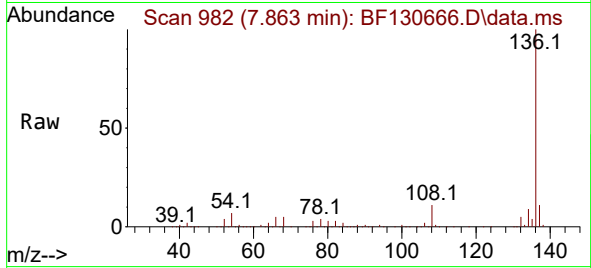




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

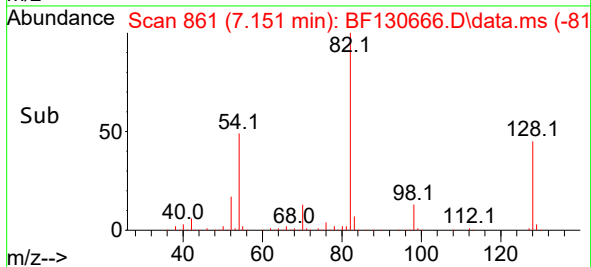
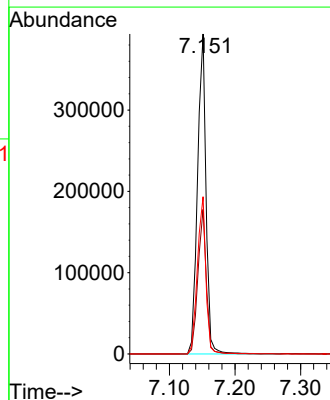
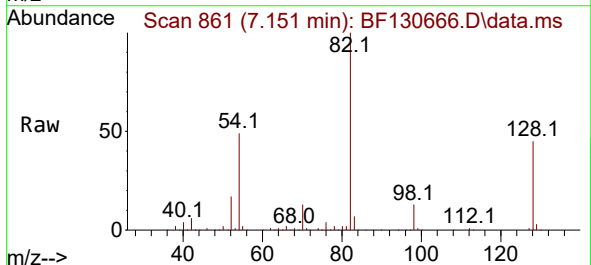
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

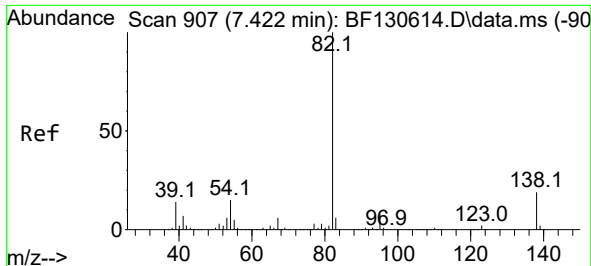
Tgt Ion:136 Resp: 308370
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.6 5.5 8.3
68 4.8 4.0 6.0



#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

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

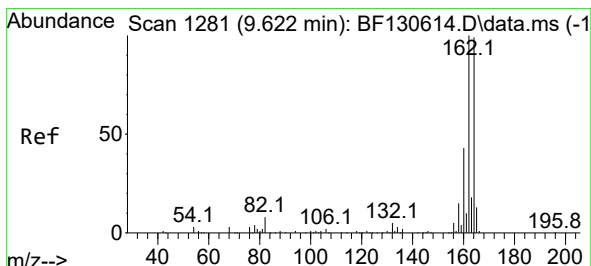
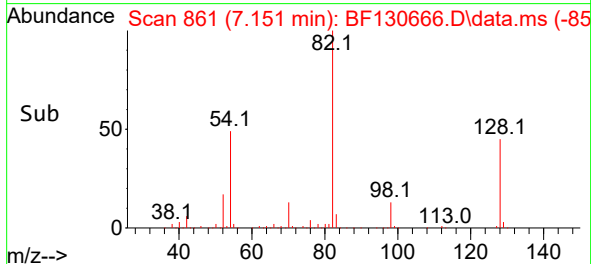
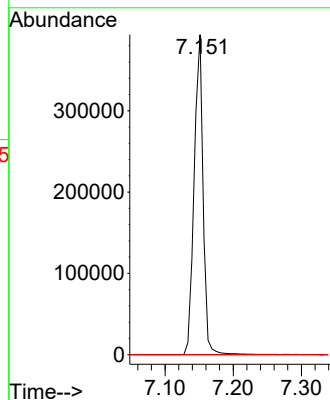
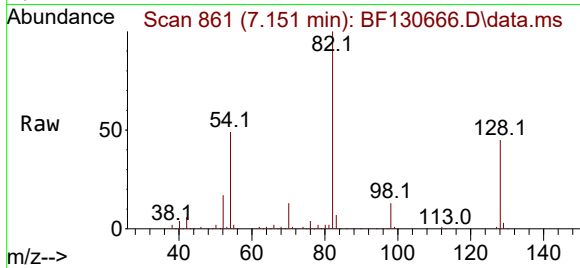




#25
Isophorone
Concen: 37.772 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

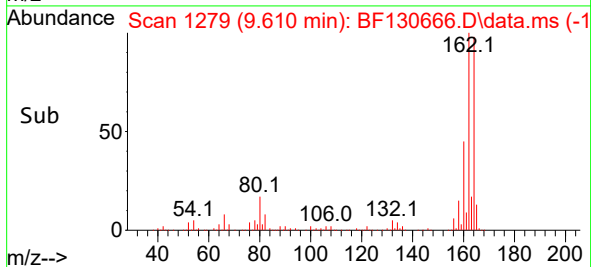
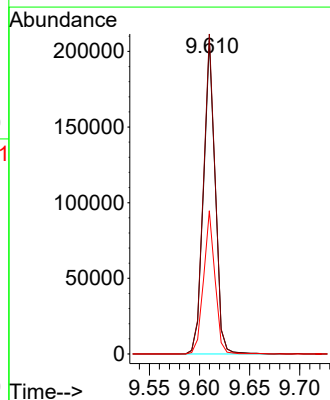
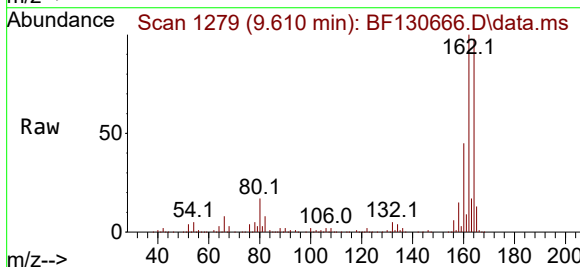
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

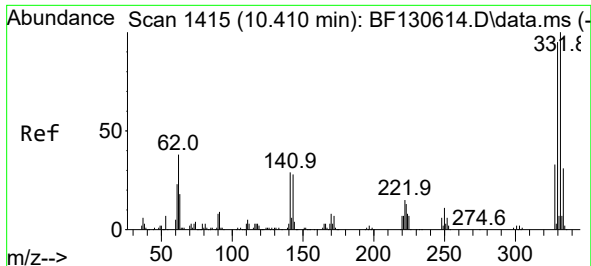
Tgt Ion: 82 Resp: 355115
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#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

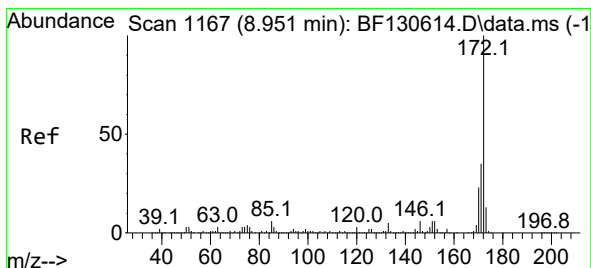
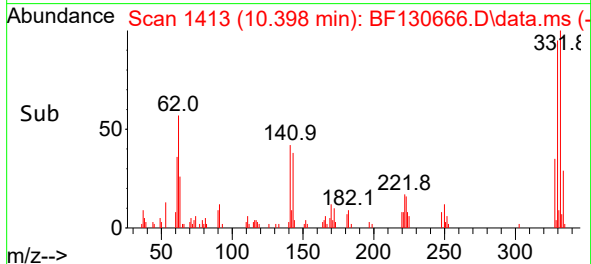
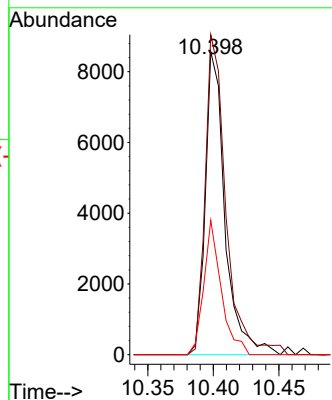
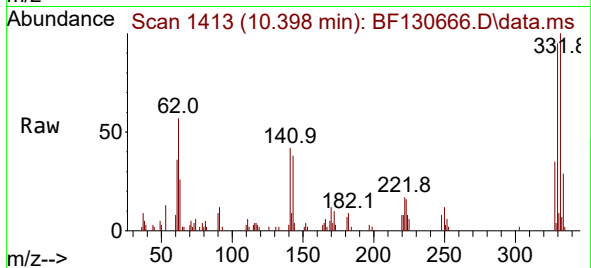
Tgt Ion:330 Resp: 8966

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

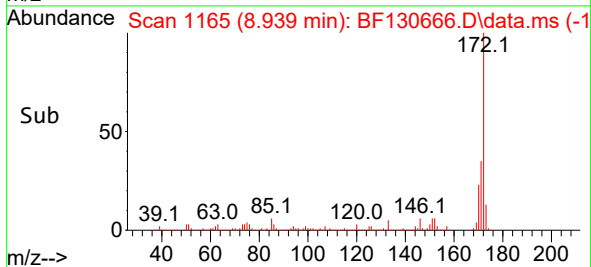
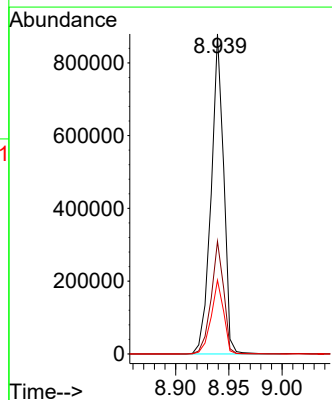
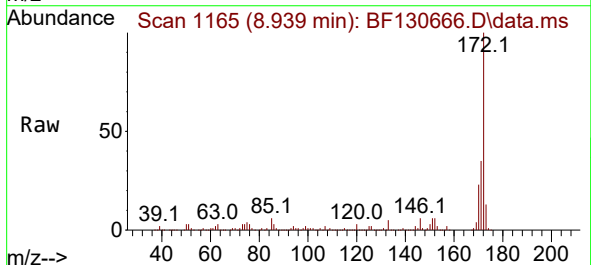
Tgt Ion:172 Resp: 723414

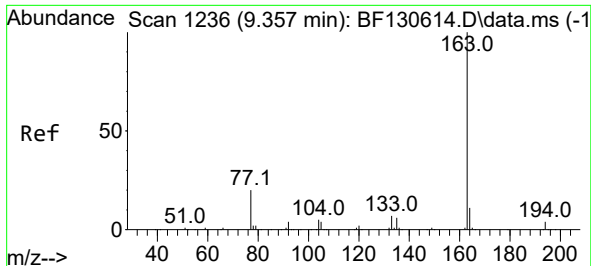
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.0 18.6 27.8

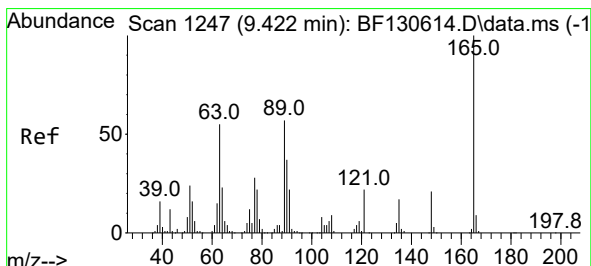
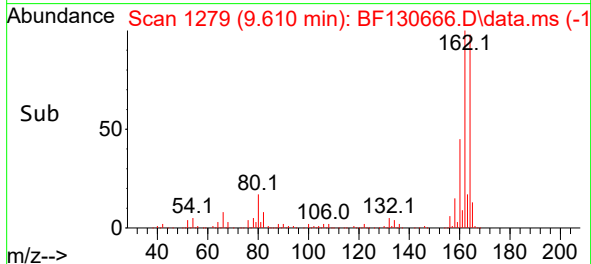
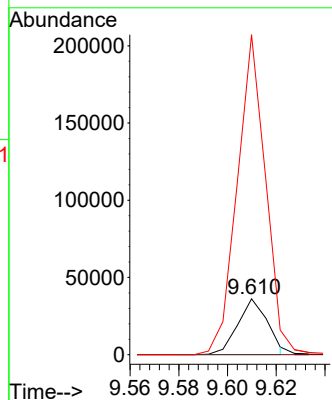
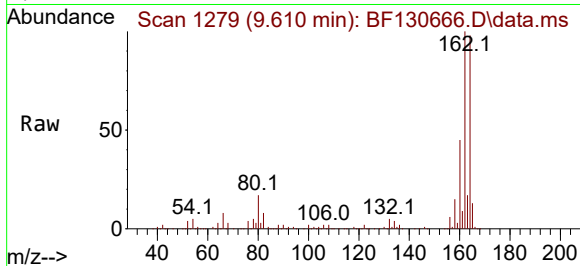




#50
Dimethylphthalate
Concen: 2.639 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

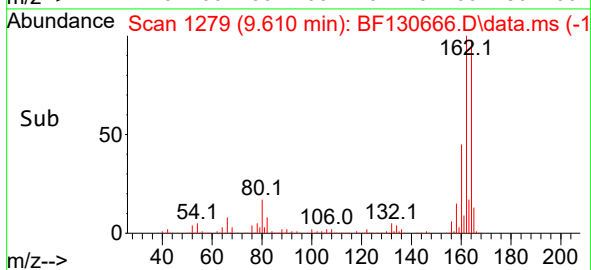
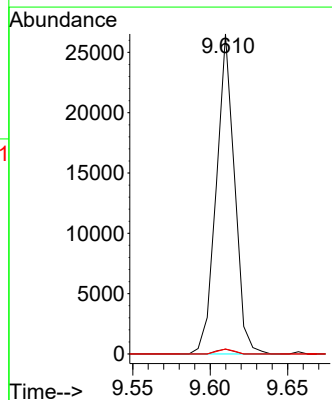
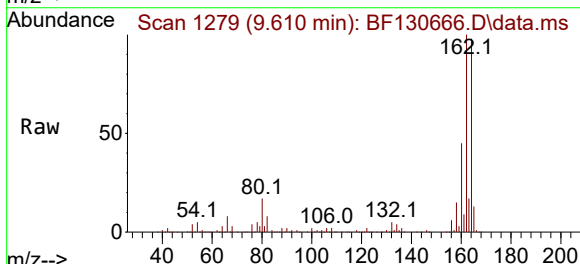
Instrument :
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CONCRETE-COMP-1

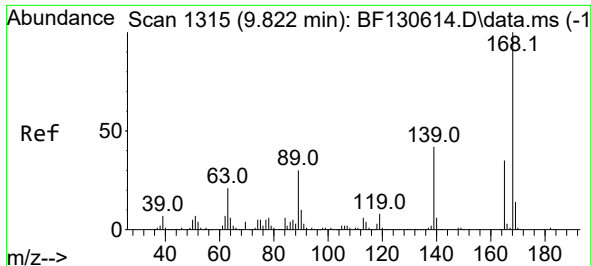
Tgt Ion:163 Resp: 30855
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 572.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.480 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

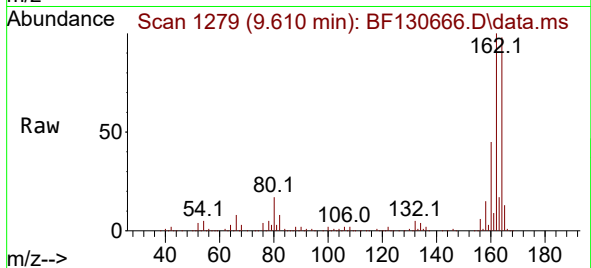
Tgt Ion:165 Resp: 21749
Ion Ratio Lower Upper
165 100
63 1.5 45.3 67.9#
89 1.6 45.6 68.4#



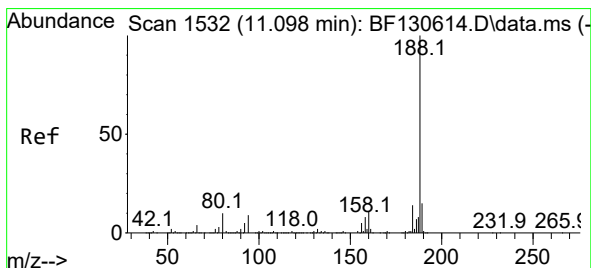
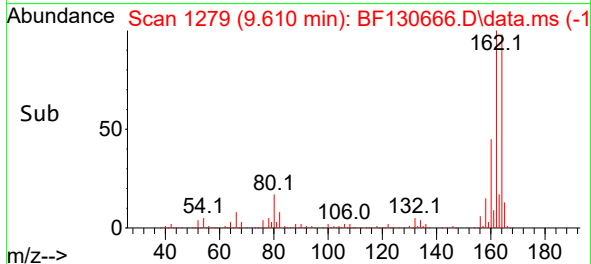
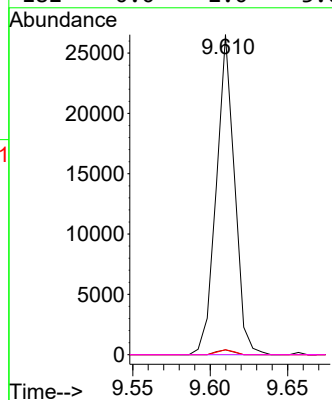


#57
2,4-Dinitrotoluene
Concen: 6.598 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

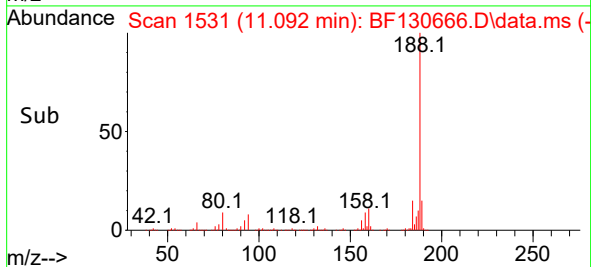
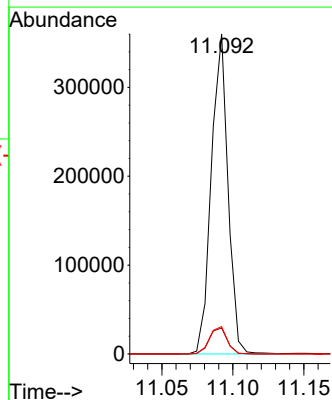
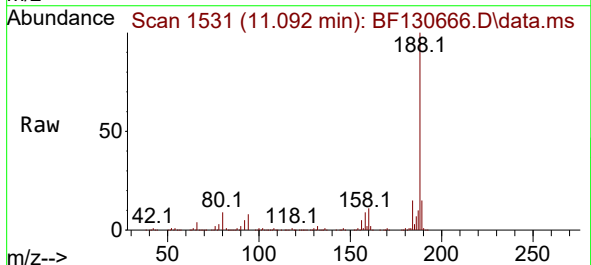


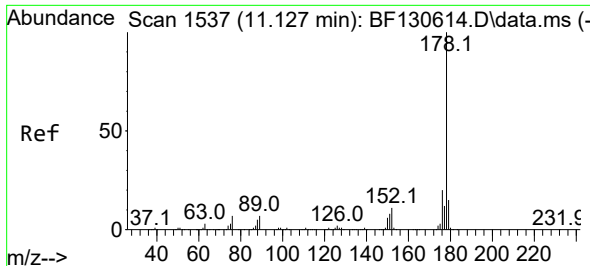
Tgt Ion:165 Resp: 21749
Ion Ratio Lower Upper
165 100
63 1.5 50.6 76.0#
89 1.6 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

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

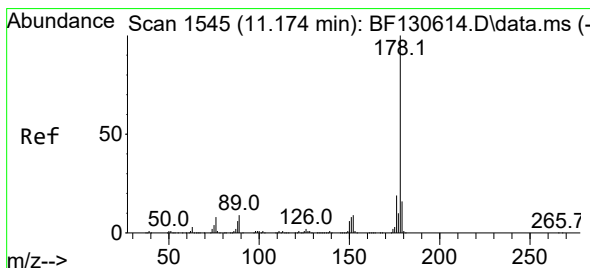
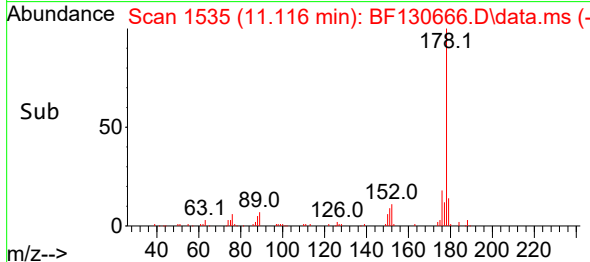
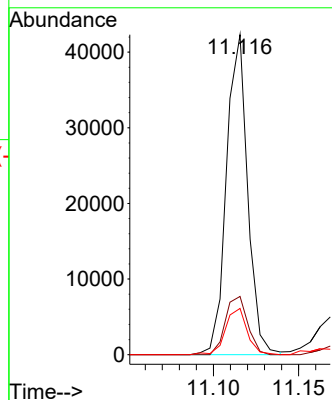
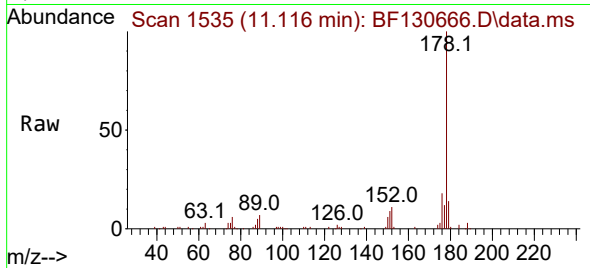




#71
Phenanthrene
Concen: 2.251 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

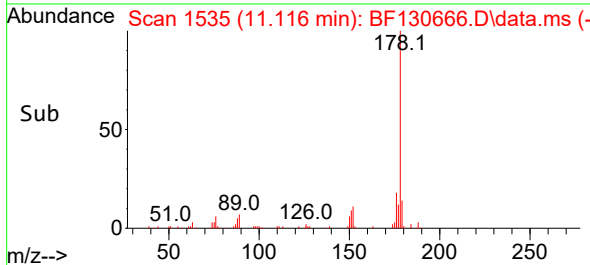
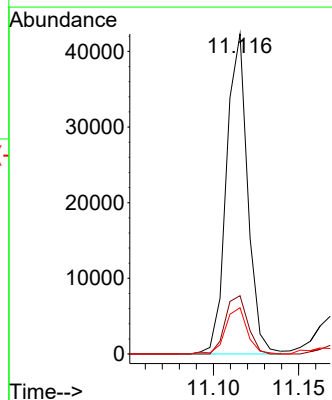
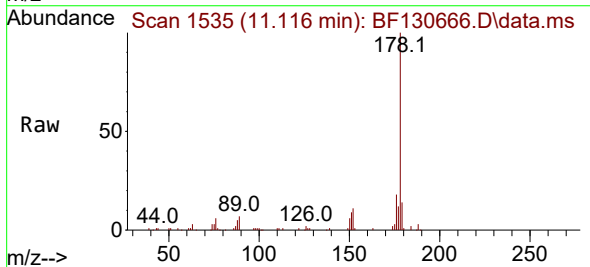
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

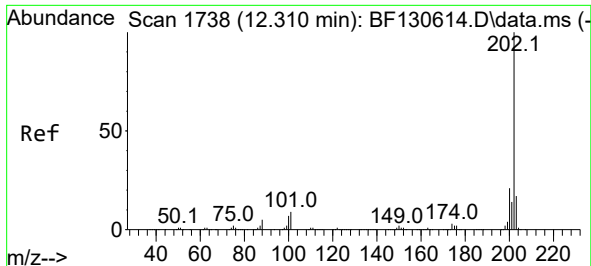
Tgt Ion:178 Resp: 36577
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 14.5 12.2 18.4



#72
Anthracene
Concen: 2.304 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.059 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 15.0 22.4
179 14.5 12.5 18.7

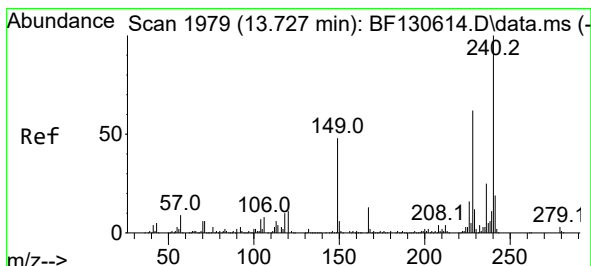
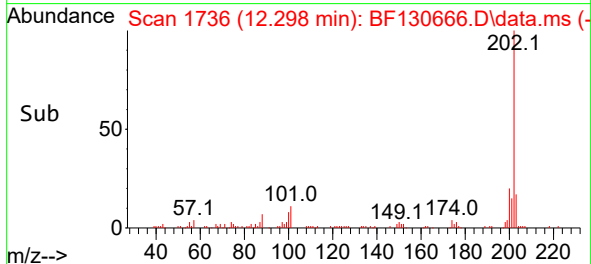
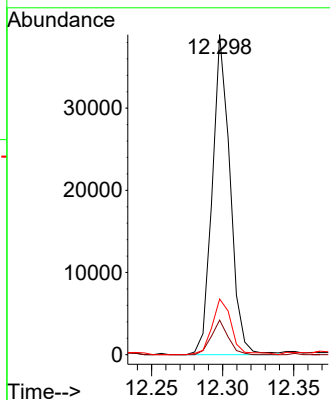
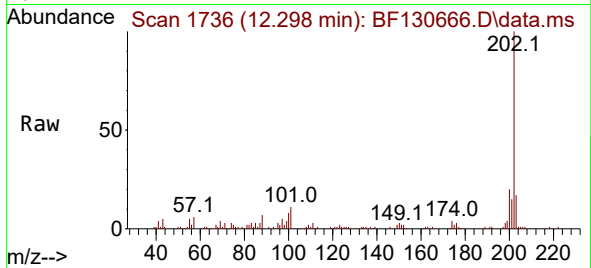




#75
Fluoranthene
Concen: 2.172 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF130666.D
Acq: 14 Oct 2022 15:30

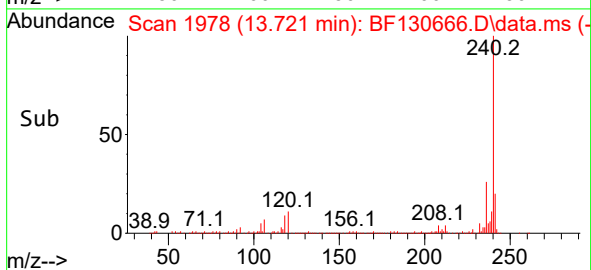
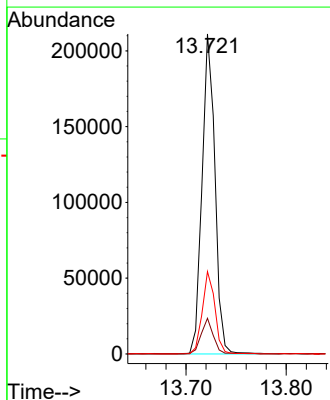
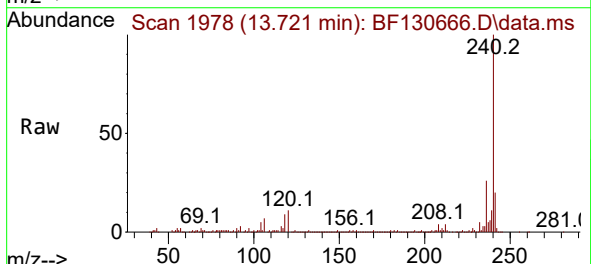
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

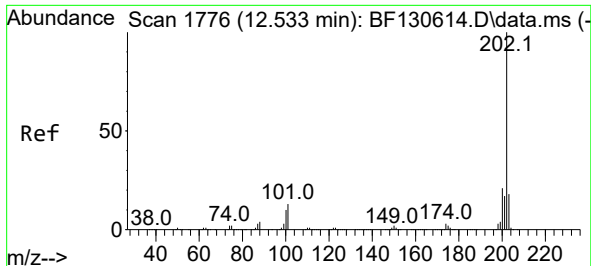
Tgt Ion:202 Resp: 33934
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.1
203 17.4 0.0 37.3



#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

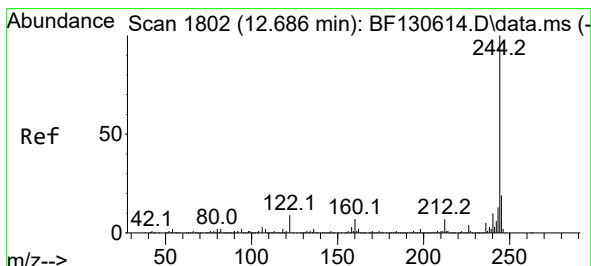
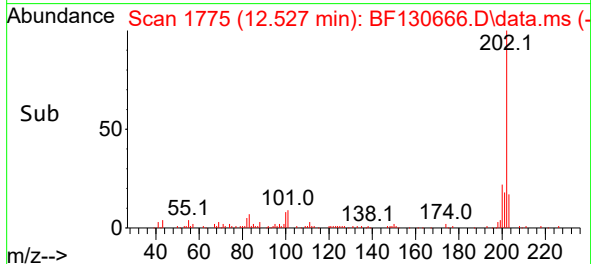
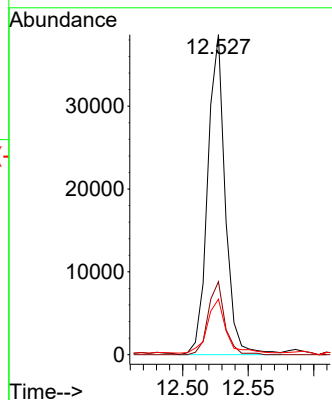
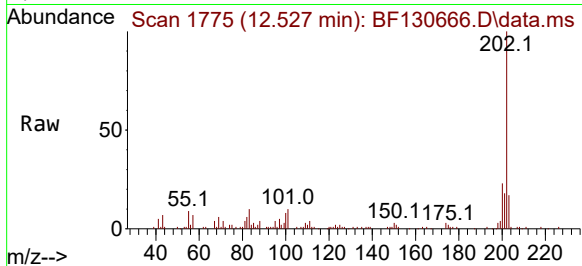




#78
 Pyrene
 Concen: 2.204 ng
 RT: 12.527 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF130666.D
 Acq: 14 Oct 2022 15:30

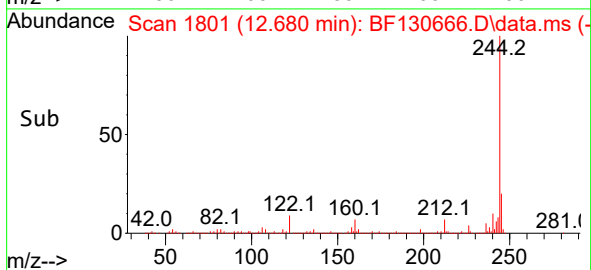
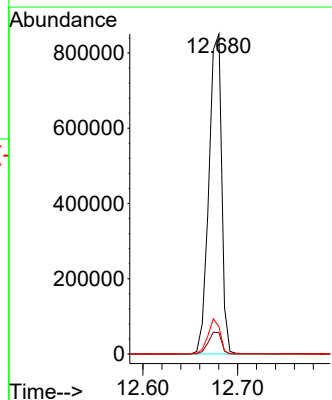
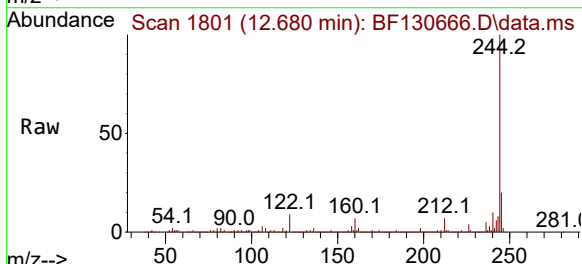
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

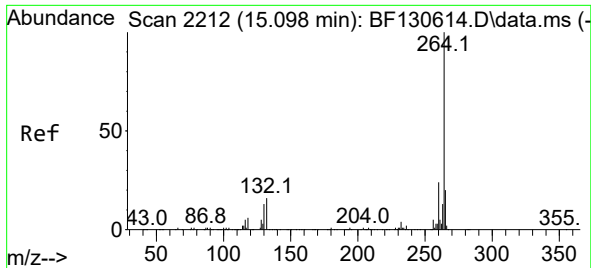
Tgt Ion:202 Resp: 36070
 Ion Ratio Lower Upper
 202 100
 200 22.8 16.7 25.1
 203 17.4 14.0 21.0



#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

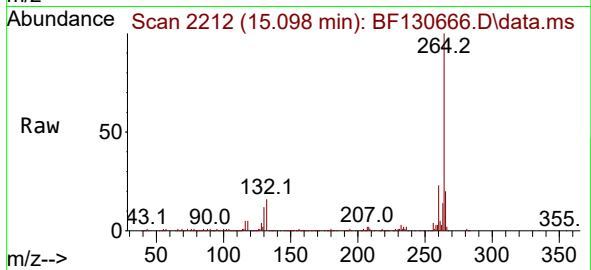
Tgt Ion:244 Resp: 795338
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.5 7.5 11.3





#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

