

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130123.D
 Acq On : 02 Sep 2022 21:34
 Operator : CG\JU
 Sample : N4485-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Quant Time: Sep 05 02:15:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	214659	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	858633	20.000	ng	-0.01
39) Acenaphthene-d10	9.734	164	452674	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	730560	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	431404	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	386532	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	115867	9.163	ng	-0.01
7) Phenol-d6	6.328	99	956629	60.684	ng	-0.02
23) Nitrobenzene-d5	7.269	82	975568	73.018	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	4007	0.972	ng	-0.02
45) 2-Fluorobiphenyl	9.063	172	1834456	67.189	ng	0.00
79) Terphenyl-d14	12.798	244	1754253	70.516	ng	-0.01

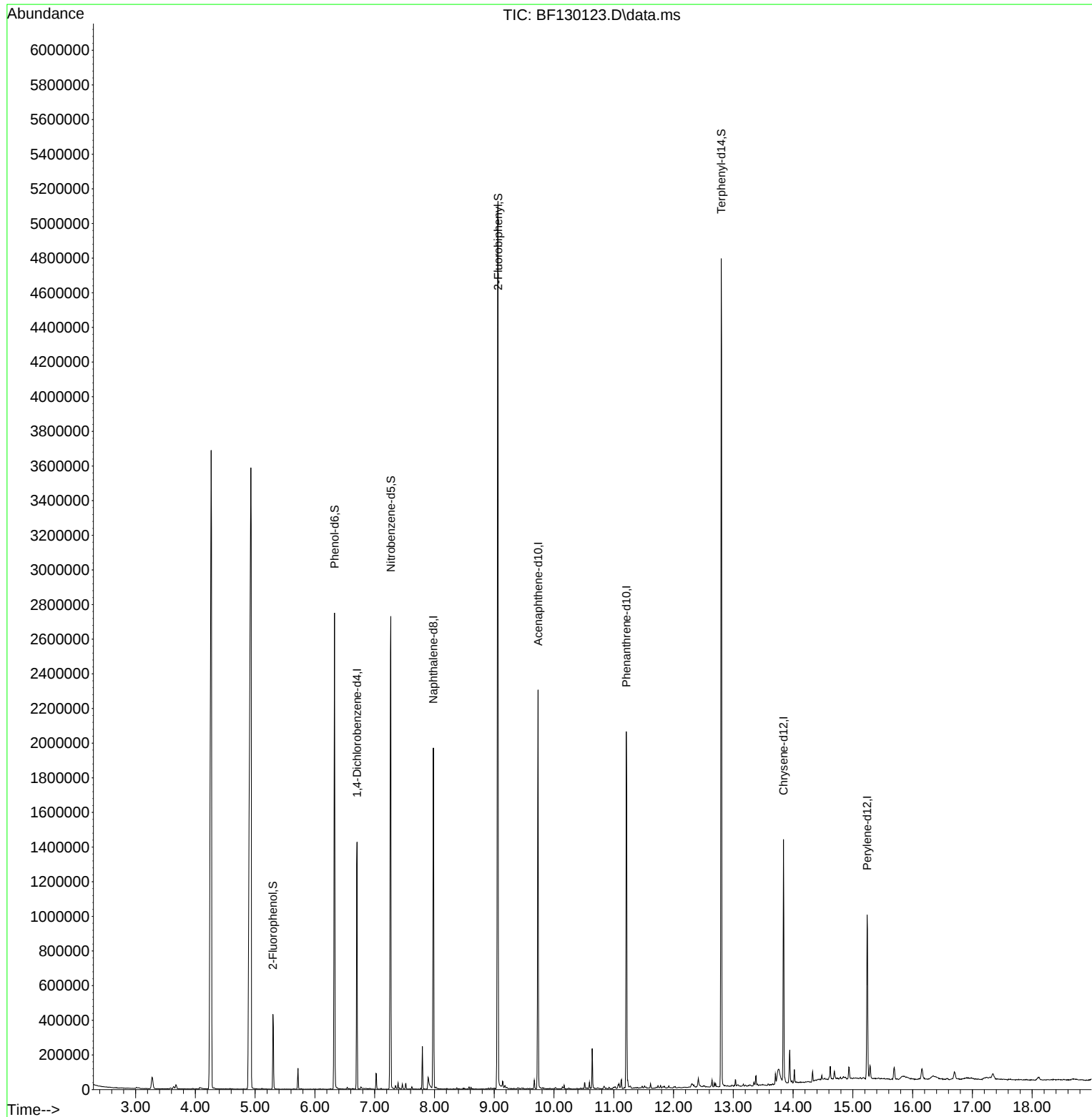
Target Compounds	Qvalue

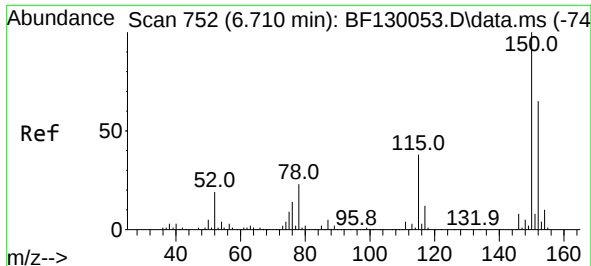
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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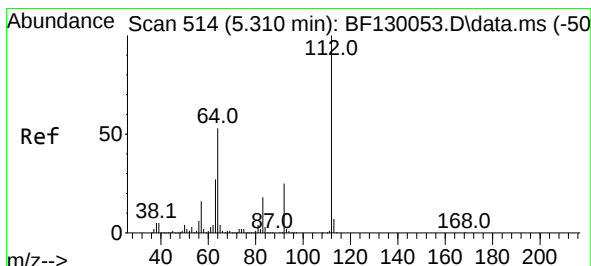
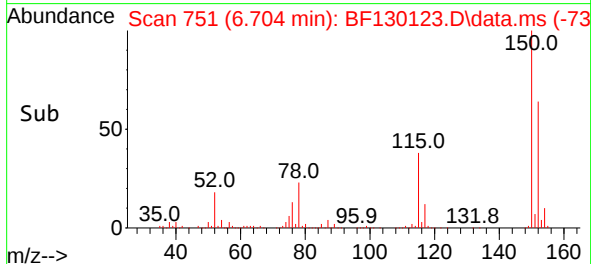
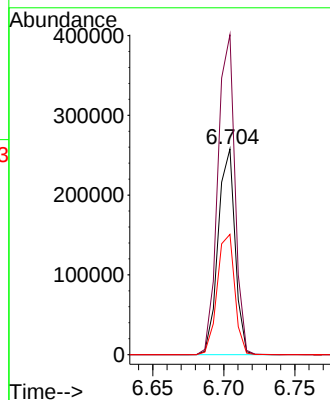
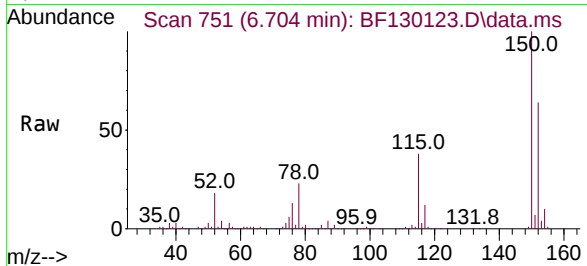




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130123.D
Acq: 02 Sep 2022 21:34

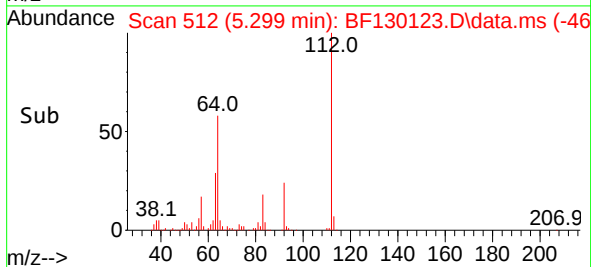
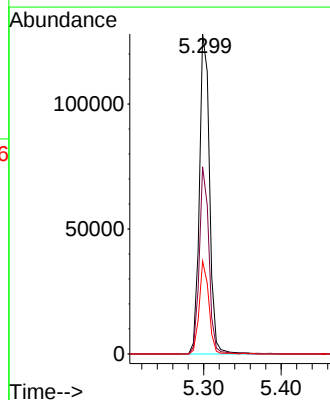
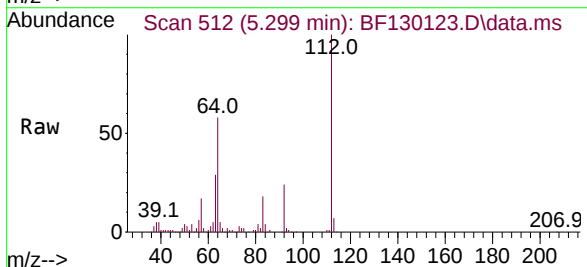
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

Tgt Ion:152 Resp: 214659
Ion Ratio Lower Upper
152 100
150 155.6 126.9 190.3
115 58.5 53.4 80.0



#5
2-Fluorophenol
Concen: 9.163 ng
RT: 5.299 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130123.D
Acq: 02 Sep 2022 21:34

Tgt Ion:112 Resp: 115867
Ion Ratio Lower Upper
112 100
64 58.5 47.6 71.4
63 29.0 24.6 37.0

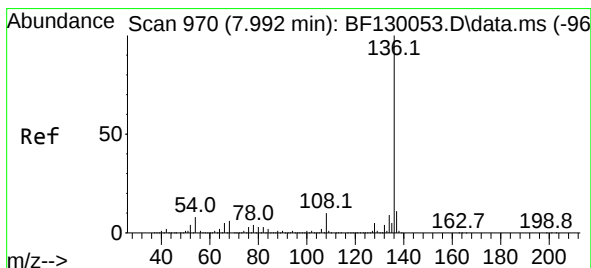
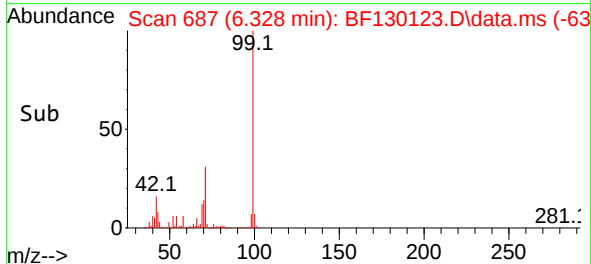
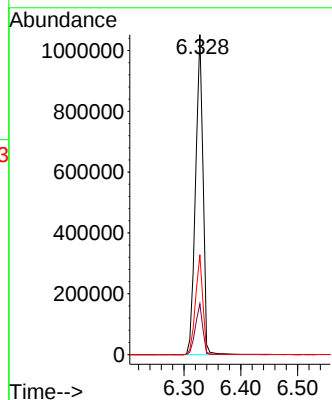
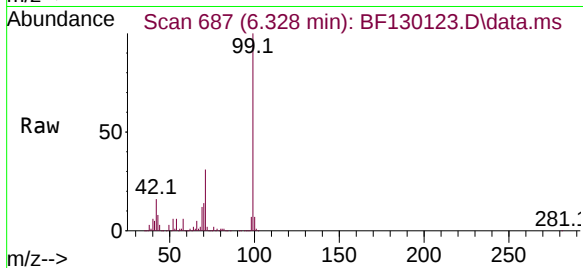




#7
Phenol-d6
Concen: 60.684 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130123.D
Acq: 02 Sep 2022 21:34

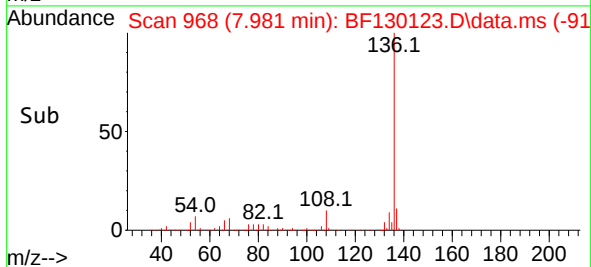
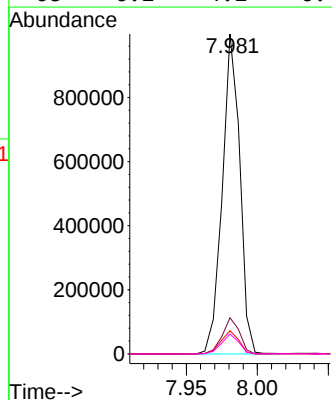
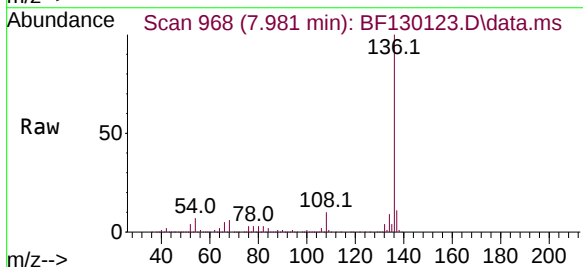
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

Tgt Ion: 99 Resp: 956629
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 31.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130123.D
Acq: 02 Sep 2022 21:34

Tgt Ion: 136 Resp: 858633
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.2 6.2 9.2
68 6.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 73.018 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130123.D

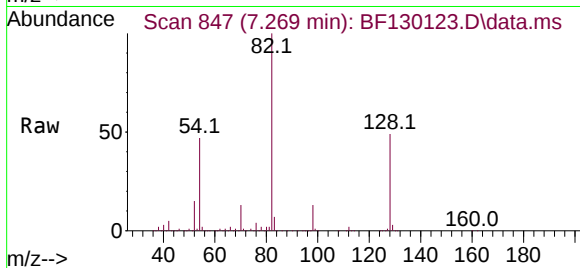
Acq: 02 Sep 2022 21:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-1



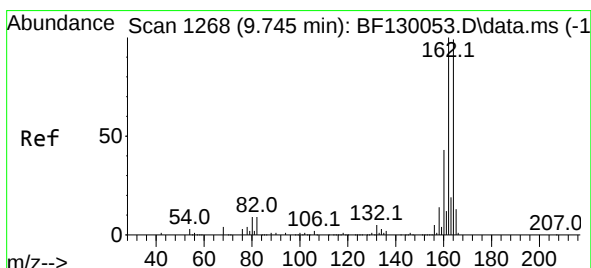
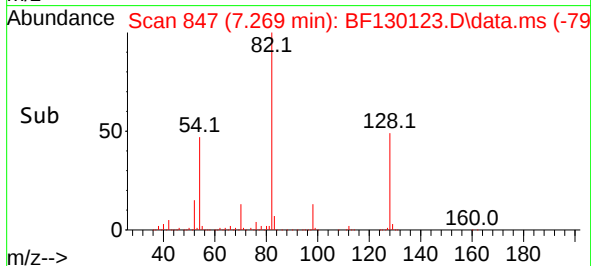
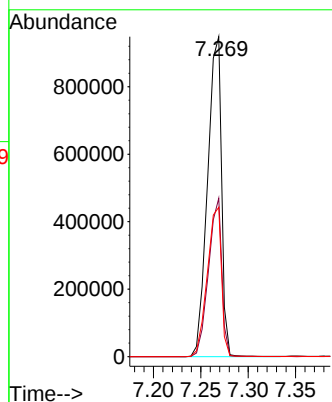
Tgt Ion: 82 Resp: 975568

Ion Ratio Lower Upper

82 100

128 49.5 36.1 54.1

54 46.7 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.734 min Scan# 1266

Delta R.T. -0.011 min

Lab File: BF130123.D

Acq: 02 Sep 2022 21:34

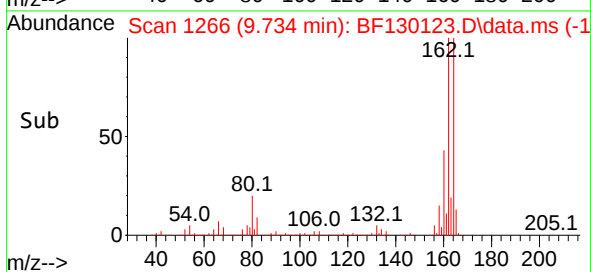
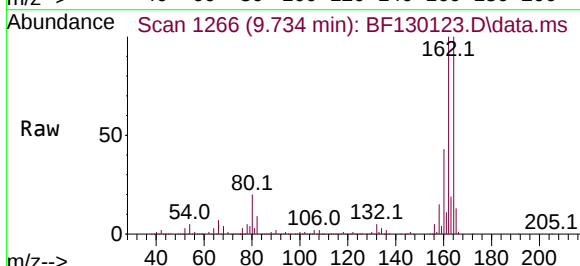
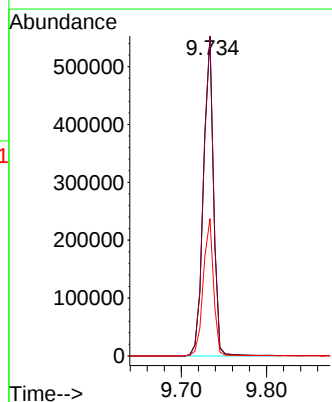
Tgt Ion: 164 Resp: 452674

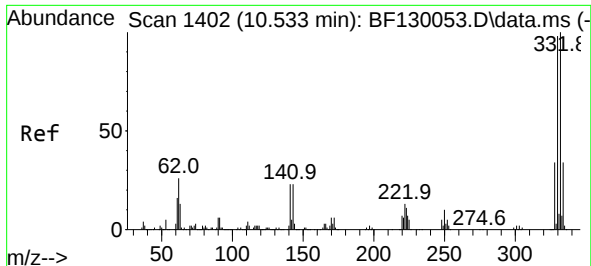
Ion Ratio Lower Upper

164 100

162 100.1 82.0 123.0

160 42.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 0.972 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.018 min

Lab File: BF130123.D

Acq: 02 Sep 2022 21:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-1

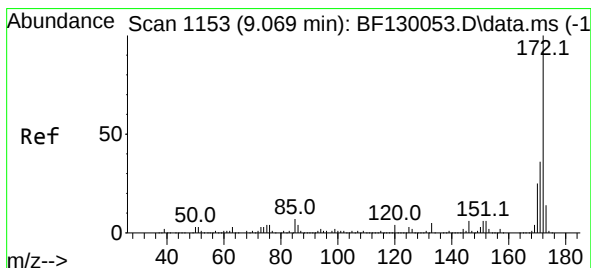
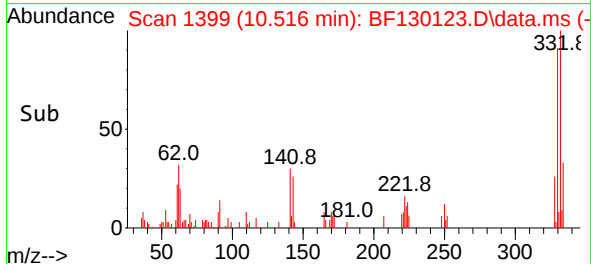
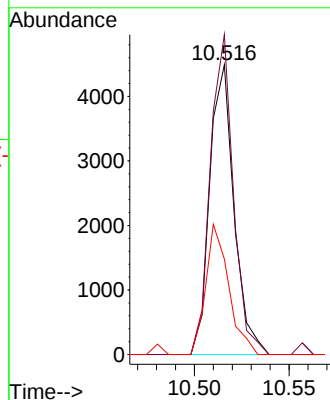
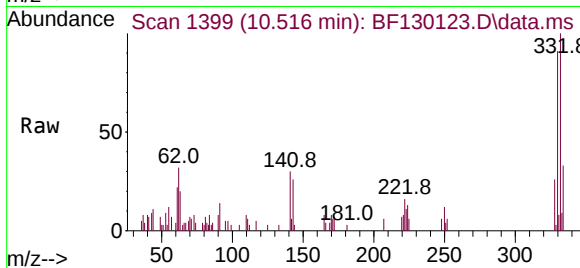
Tgt Ion:330 Resp: 4007

Ion Ratio Lower Upper

330 100

332 105.1 82.6 124.0

141 42.5 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 67.189 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130123.D

Acq: 02 Sep 2022 21:34

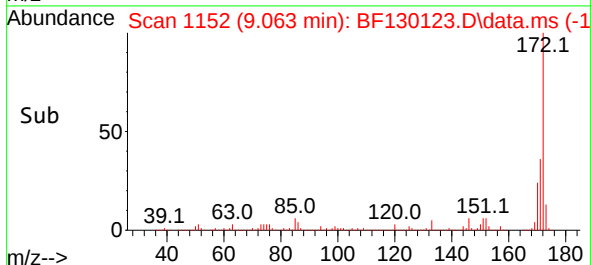
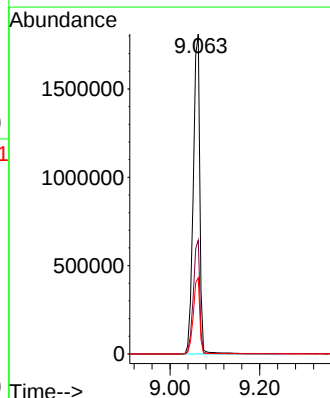
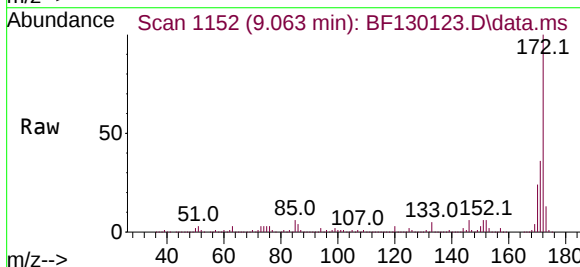
Tgt Ion:172 Resp: 1834456

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.1 28.7

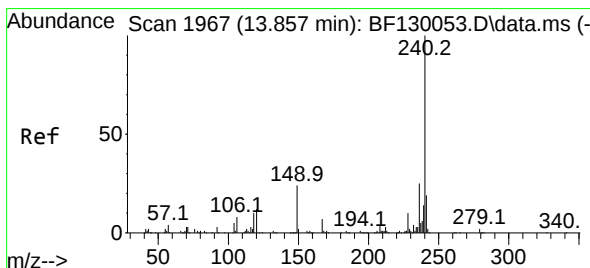
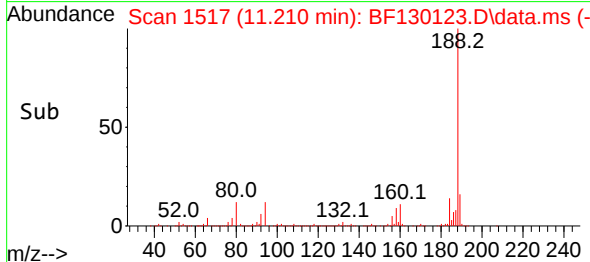
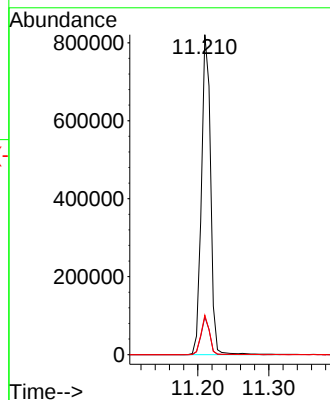
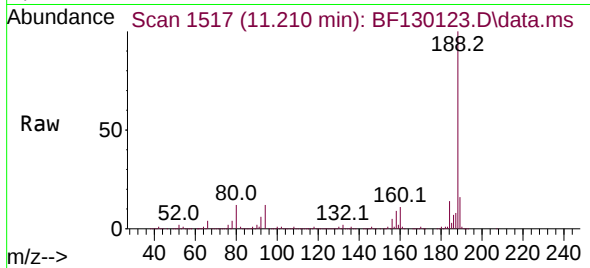




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BF130123.D
Acq: 02 Sep 2022 21:34

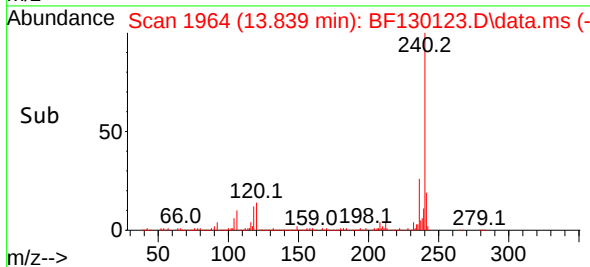
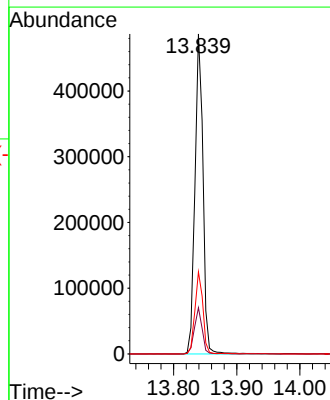
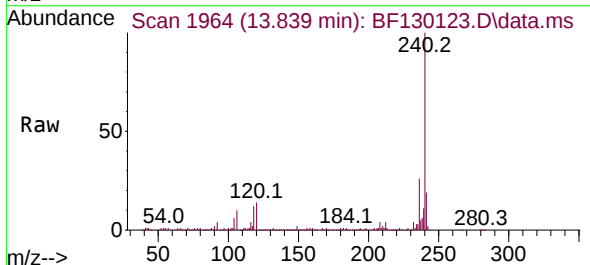
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CONCRETE-COMP-1

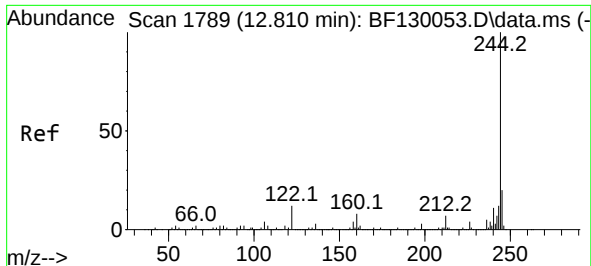
Tgt Ion:188 Resp: 730560
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.3 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130123.D
Acq: 02 Sep 2022 21:34

Tgt Ion:240 Resp: 431404
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 25.6 20.7 31.1

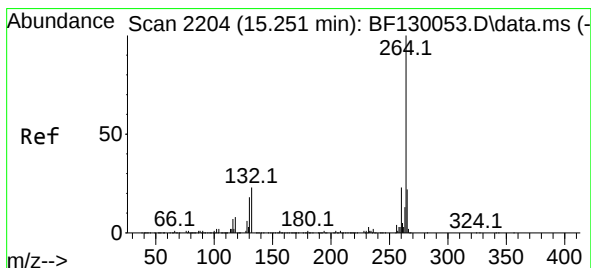
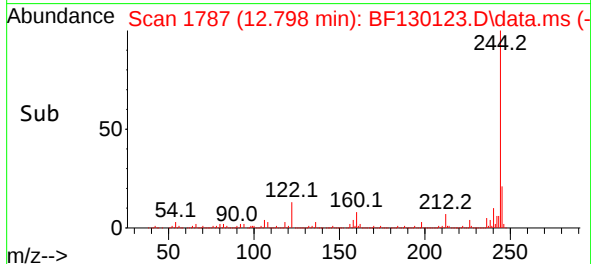
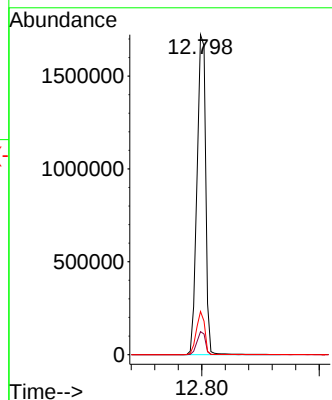
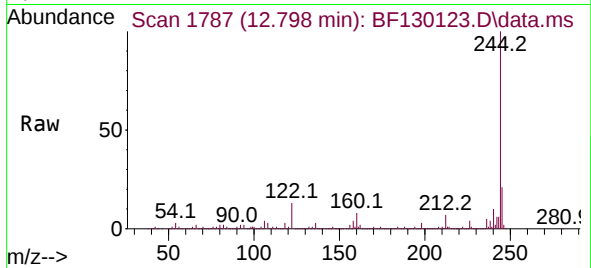




#79
 Terphenyl-d14
 Concen: 70.516 ng
 RT: 12.798 min Scan# 1789
 Delta R.T. -0.012 min
 Lab File: BF130123.D
 Acq: 02 Sep 2022 21:34

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Tgt Ion:244 Resp: 1754253
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 13.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 2202
 Delta R.T. -0.012 min
 Lab File: BF130123.D
 Acq: 02 Sep 2022 21:34

Tgt Ion:264 Resp: 386532
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.7 16.7 25.1

