

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130129.D
 Acq On : 03 Sep 2022 00:42
 Operator : CG\JU
 Sample : N4485-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-2

Quant Time: Sep 03 05:55:09 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)

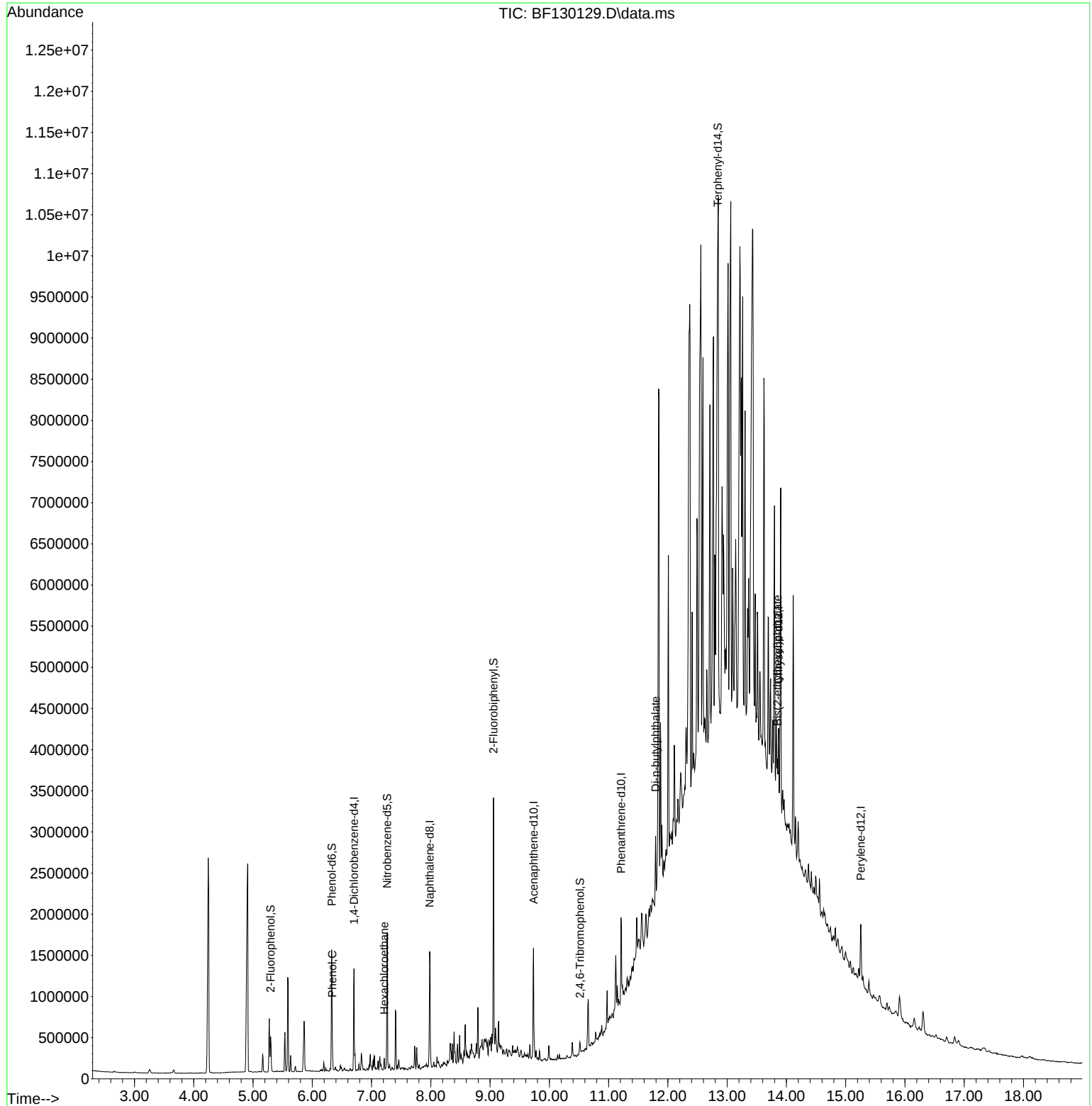
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	175211	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	621266	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	265028	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	382589	20.000	ng	#-0.01
76) Chrysene-d12	13.868	240	309694	20.000	ng	# 0.01
86) Perylene-d12	15.257	264	332080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	98626	9.556	ng	-0.01
7) Phenol-d6	6.328	99	467855	36.361	ng	-0.02
23) Nitrobenzene-d5	7.263	82	500098	51.732	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	9517	3.945	ng	-0.02
45) 2-Fluorobiphenyl	9.057	172	885455	55.392	ng	-0.01
79) Terphenyl-d14	12.839	244	400130	22.405	ng	0.03
Target Compounds						
						Qvalue
10) Phenol	6.339	94	70286	4.833	ng	# 61
18) Hexachloroethane	7.216	117	10670	2.336	ng	90
74) Di-n-butylphthalate	11.792	149	363873	16.044	ng	99
84) Bis(2-ethylhexyl)phtha...	13.851	149	79669	5.801	ng	# 92

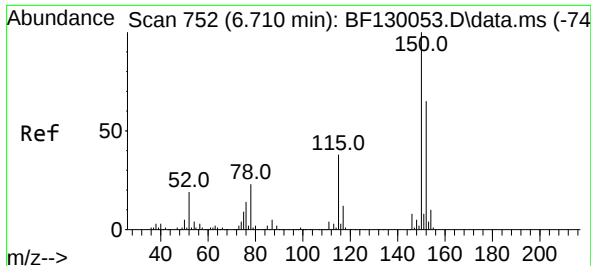
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:55:09 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

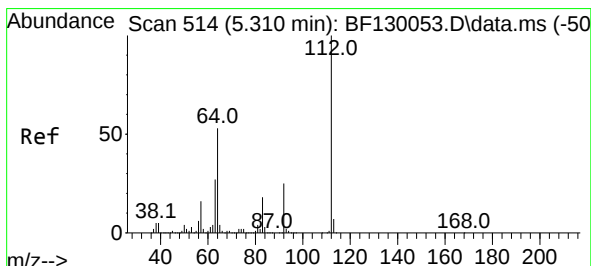
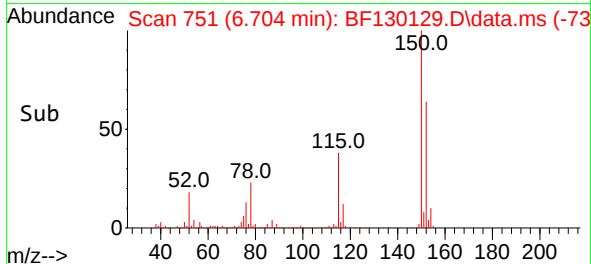
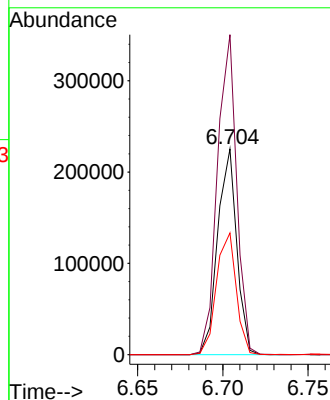
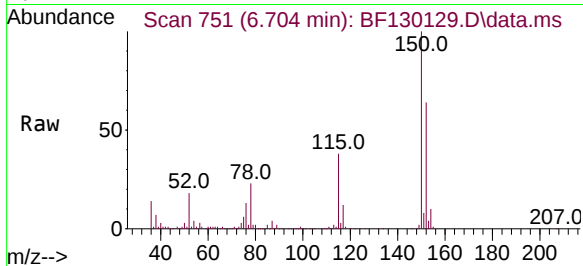




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130129.D
 Acq: 03 Sep 2022 00:42

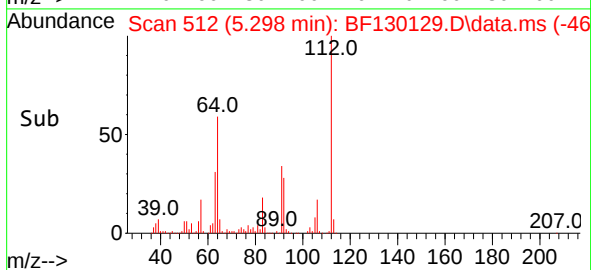
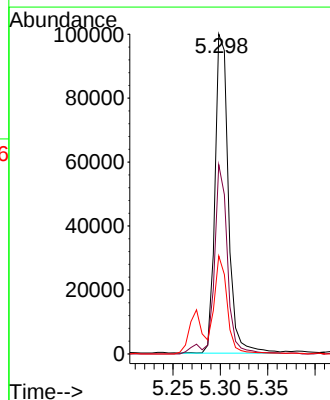
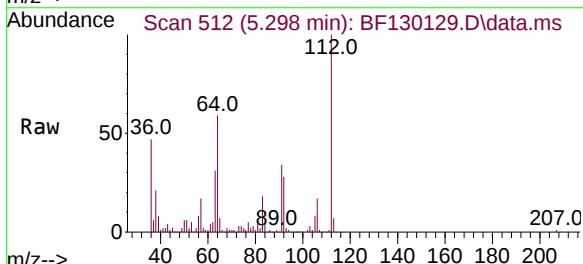
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-2

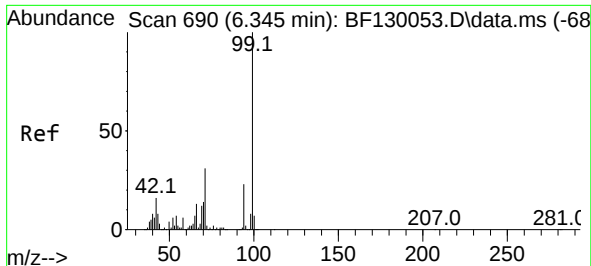
Tgt Ion:152 Resp: 175211
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.9 190.3
 115 59.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 9.556 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.012 min
 Lab File: BF130129.D
 Acq: 03 Sep 2022 00:42

Tgt Ion:112 Resp: 98626
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.6 71.4
 63 30.6 24.6 37.0

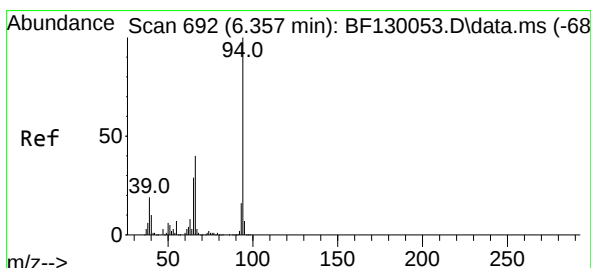
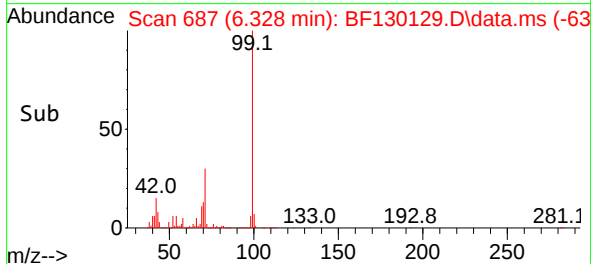
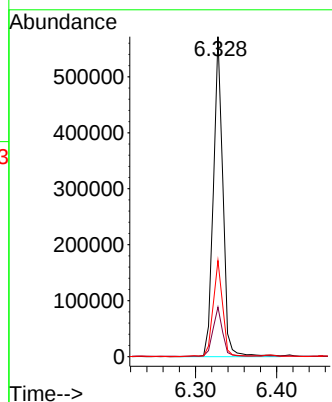
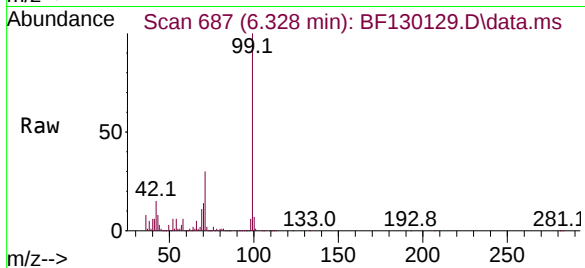




#7
Phenol-d6
Concen: 36.361 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.018 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

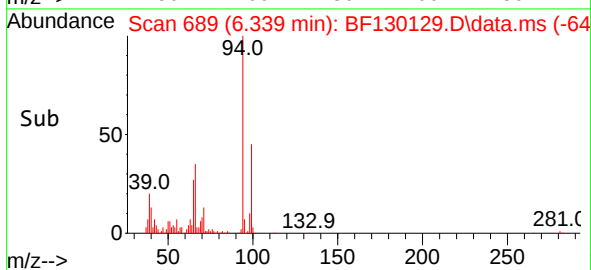
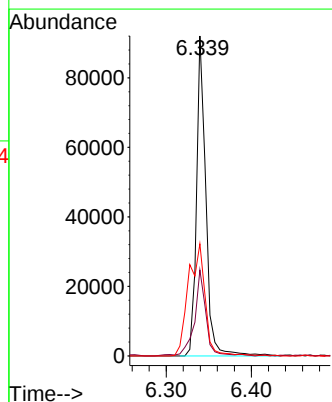
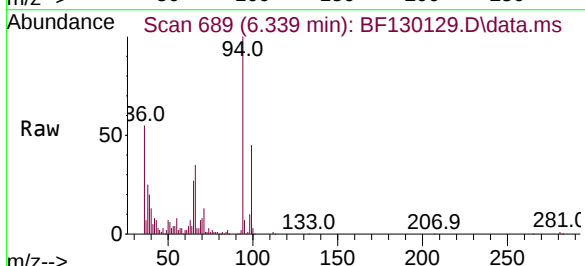
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

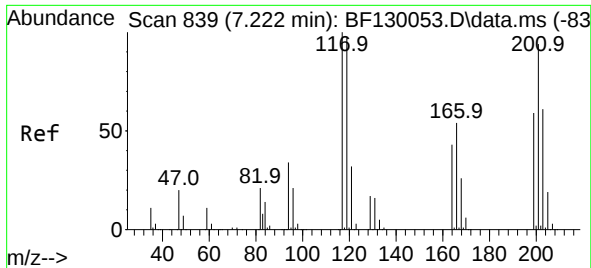
Tgt Ion: 99 Resp: 467855
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 30.0 28.8 43.2



#10
Phenol
Concen: 4.833 ng
RT: 6.339 min Scan# 689
Delta R.T. -0.018 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

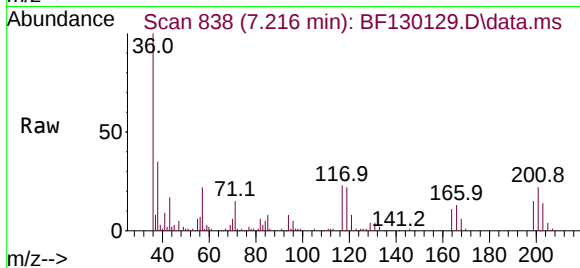
Tgt Ion: 94 Resp: 70286
Ion Ratio Lower Upper
94 100
65 26.9 24.9 64.9
66 35.1 54.2 94.2#



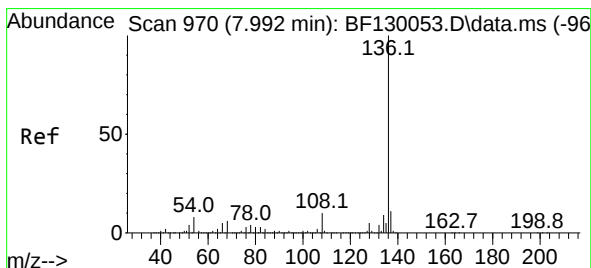
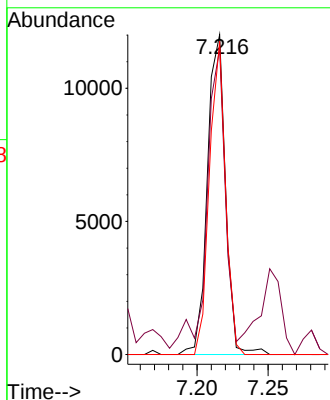
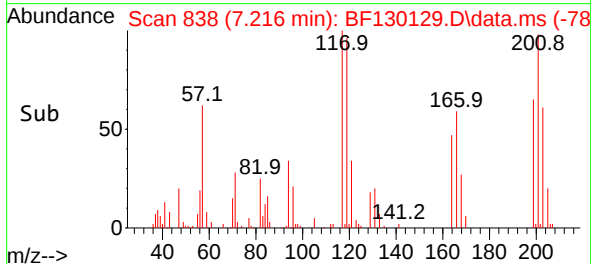


#18
Hexachloroethane
Concen: 2.336 ng
RT: 7.216 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

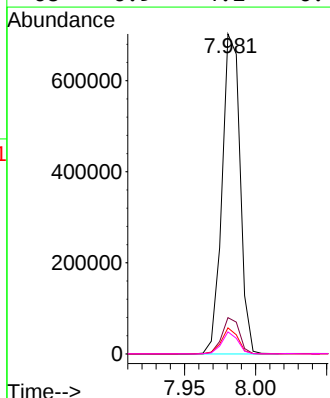
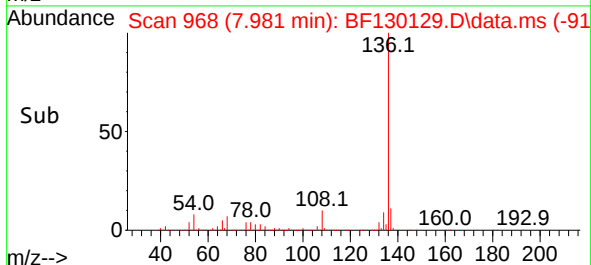
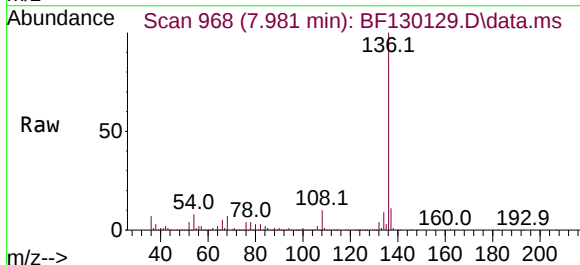


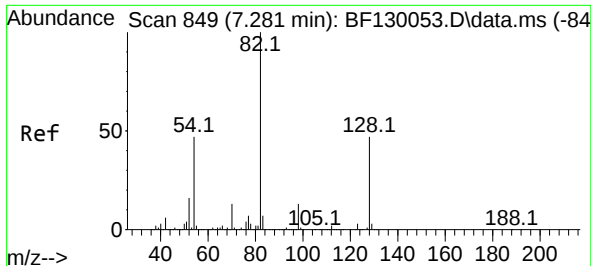
Tgt Ion:117 Resp: 10670
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 99.9 66.6 100.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Tgt Ion:136 Resp: 621266
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.1 6.2 9.2
68 6.9 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 51.732 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130129.D

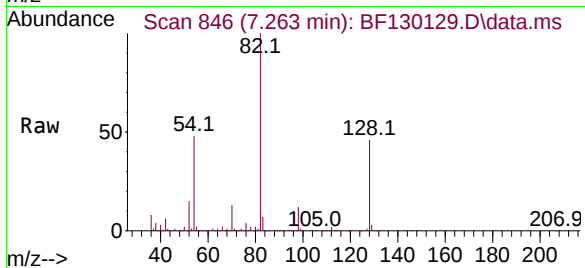
Acq: 03 Sep 2022 00:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-2



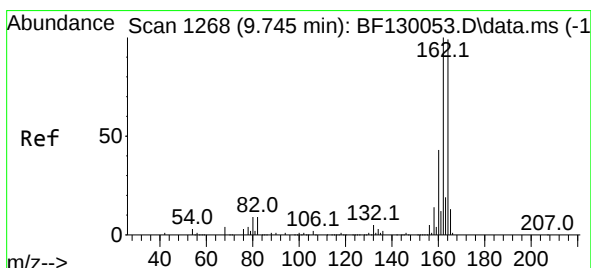
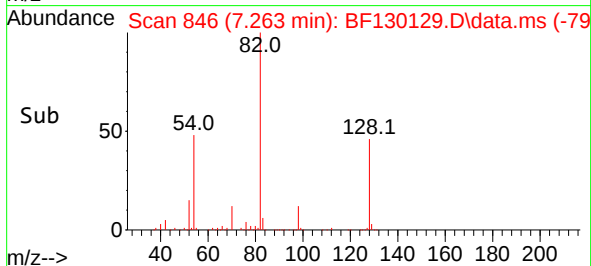
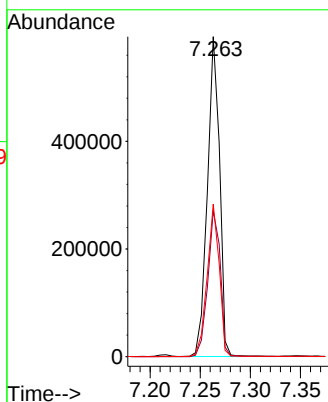
Tgt Ion: 82 Resp: 500098

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 47.6 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

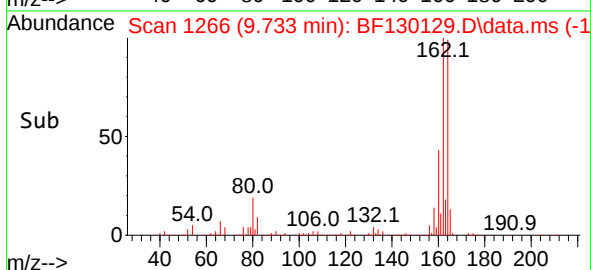
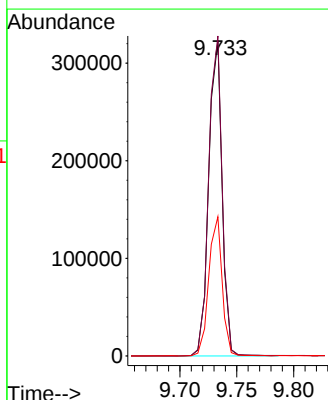
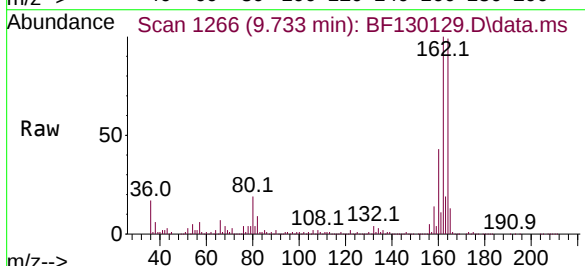
Tgt Ion: 164 Resp: 265028

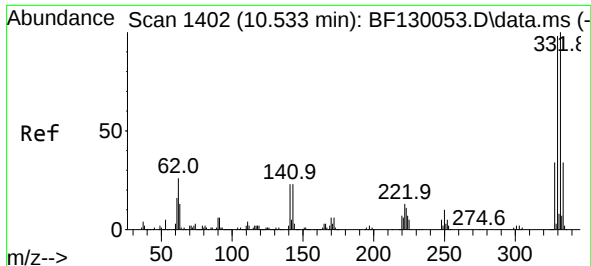
Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 3.945 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.018 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-2

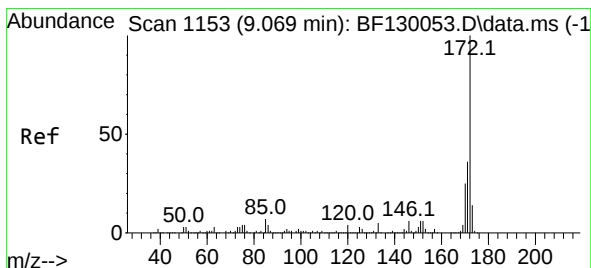
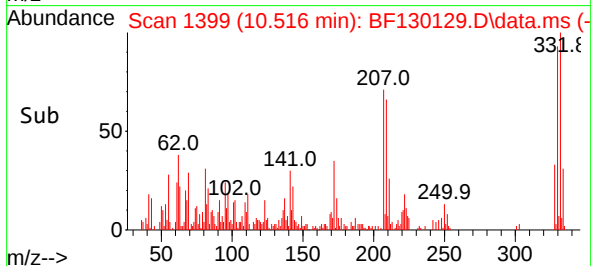
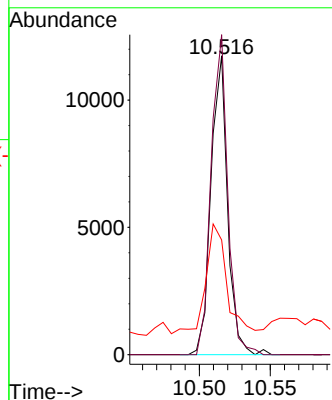
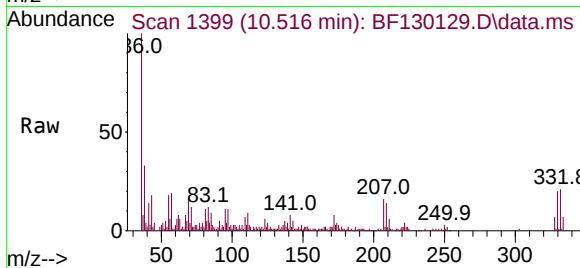
Tgt Ion:330 Resp: 9517

Ion Ratio Lower Upper

330 100

332 107.5 82.6 124.0

141 40.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 55.392 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

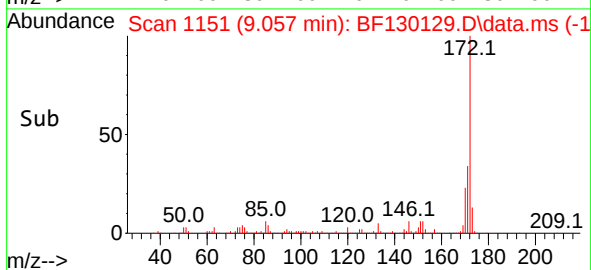
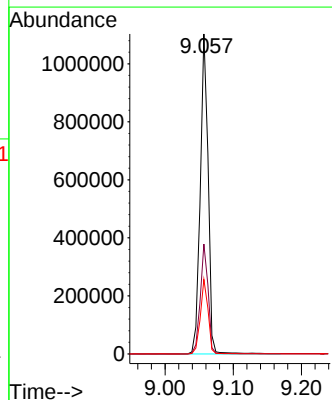
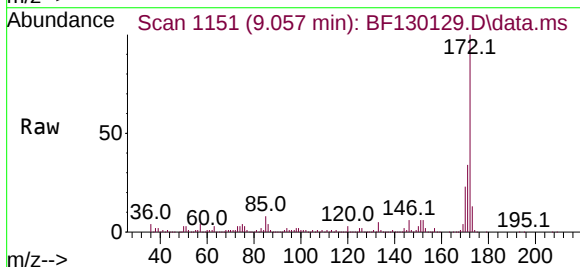
Tgt Ion:172 Resp: 885455

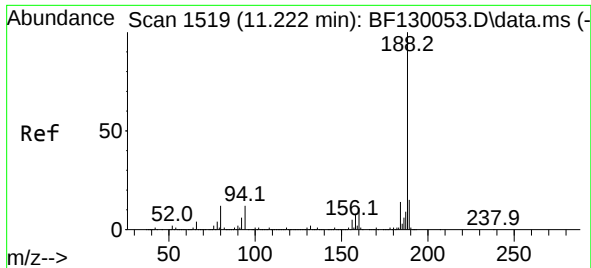
Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 23.3 19.1 28.7

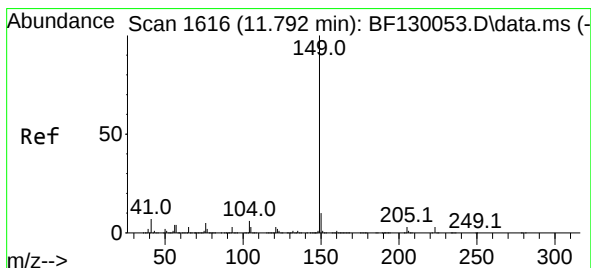
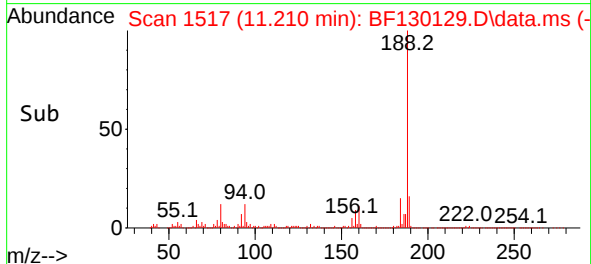
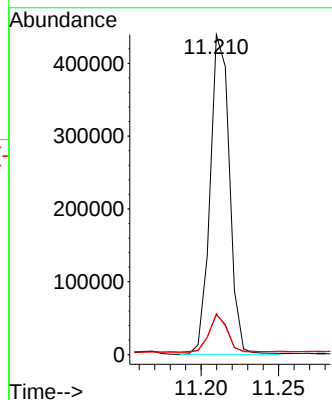
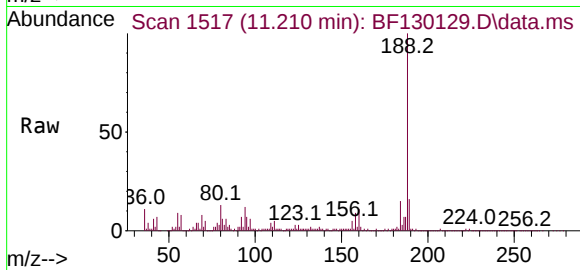




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

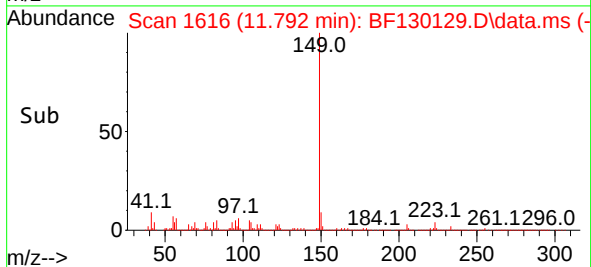
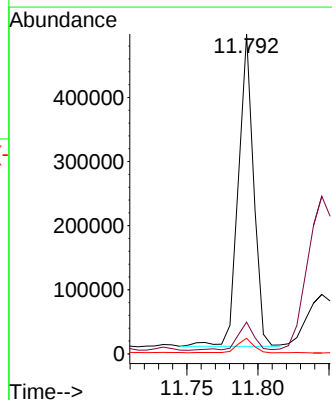
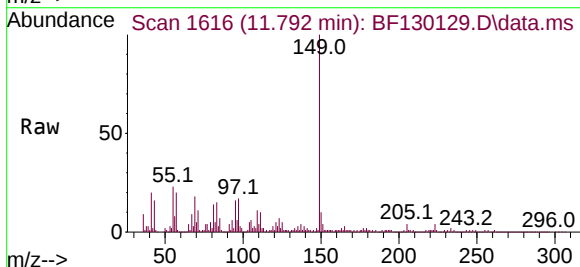
Instrument :
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CONCRETE-COMP-2

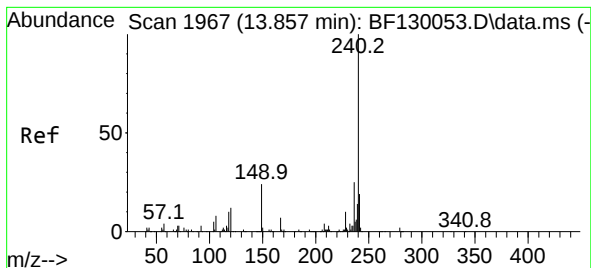
Tgt Ion:188 Resp: 382589
Ion Ratio Lower Upper
188 100
94 12.5 7.4 11.2#
80 12.8 7.9 11.9#



#74
Di-n-butylphthalate
Concen: 16.044 ng
RT: 11.792 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Tgt Ion:149 Resp: 363873
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.9 4.2 6.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 1969

Delta R.T. 0.012 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-2

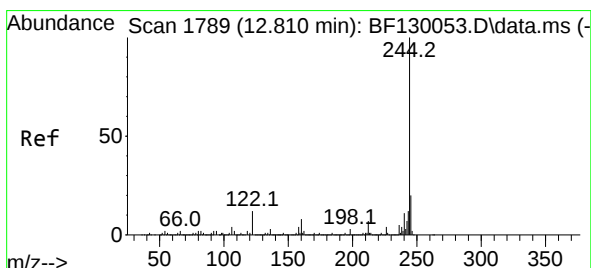
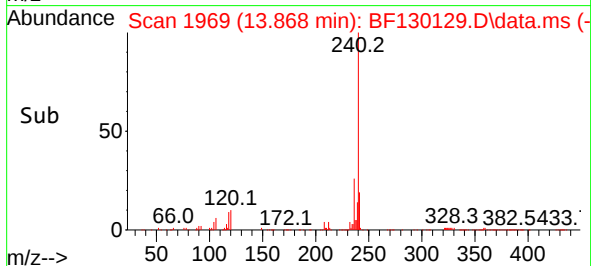
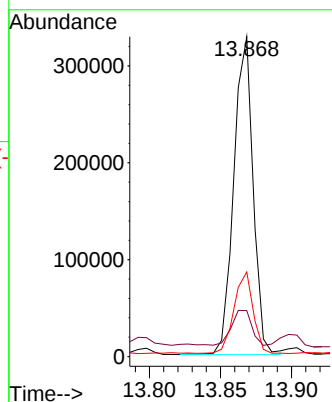
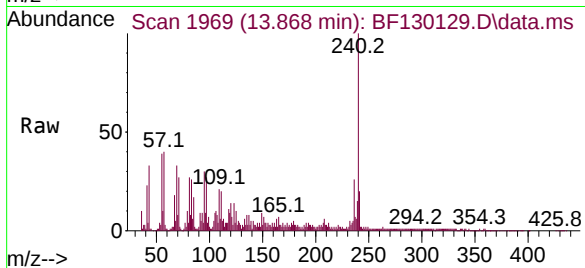
Tgt Ion:240 Resp: 309694

Ion Ratio Lower Upper

240 100

120 14.4 9.2 13.8#

236 26.5 20.7 31.1



#79

Terphenyl-d14

Concen: 22.405 ng

RT: 12.839 min Scan# 1794

Delta R.T. 0.029 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

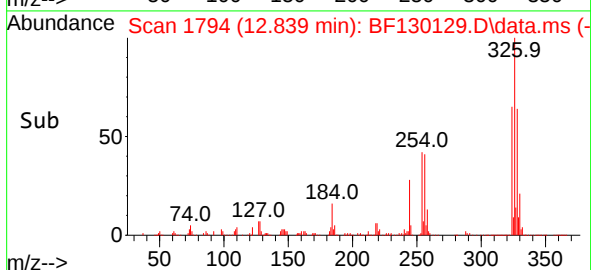
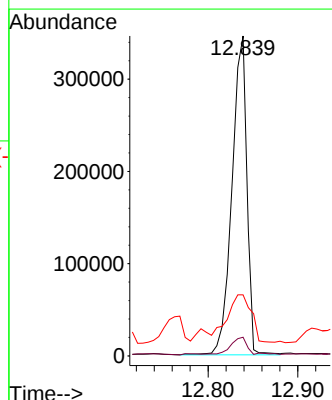
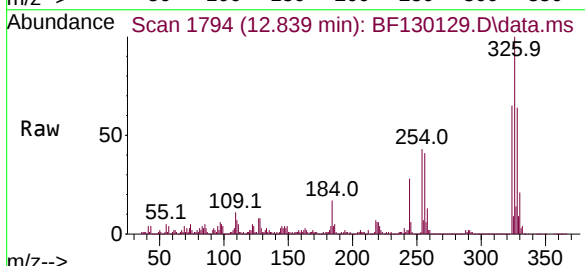
Tgt Ion:244 Resp: 400130

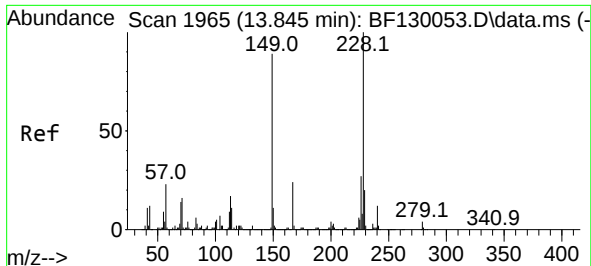
Ion Ratio Lower Upper

244 100

212 5.8 5.9 8.9#

122 19.1 9.9 14.9#

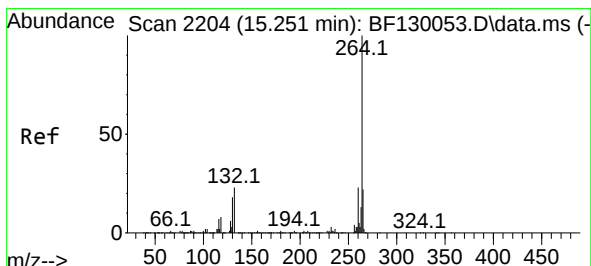
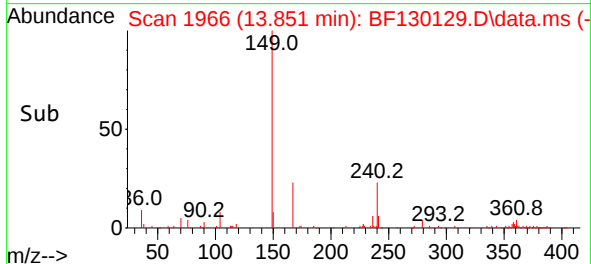
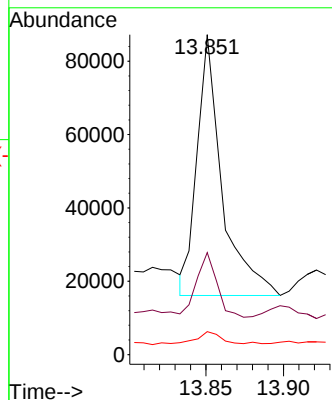
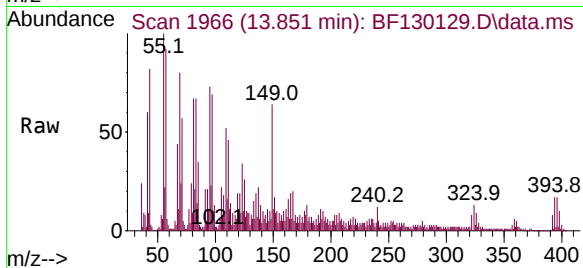




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.801 ng
RT: 13.851 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:149 Resp: 79669
Ion Ratio Lower Upper
149 100
167 31.9 22.0 33.0
279 7.2 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.257 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Tgt Ion:264 Resp: 332080
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.6 16.7 25.1

