

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)

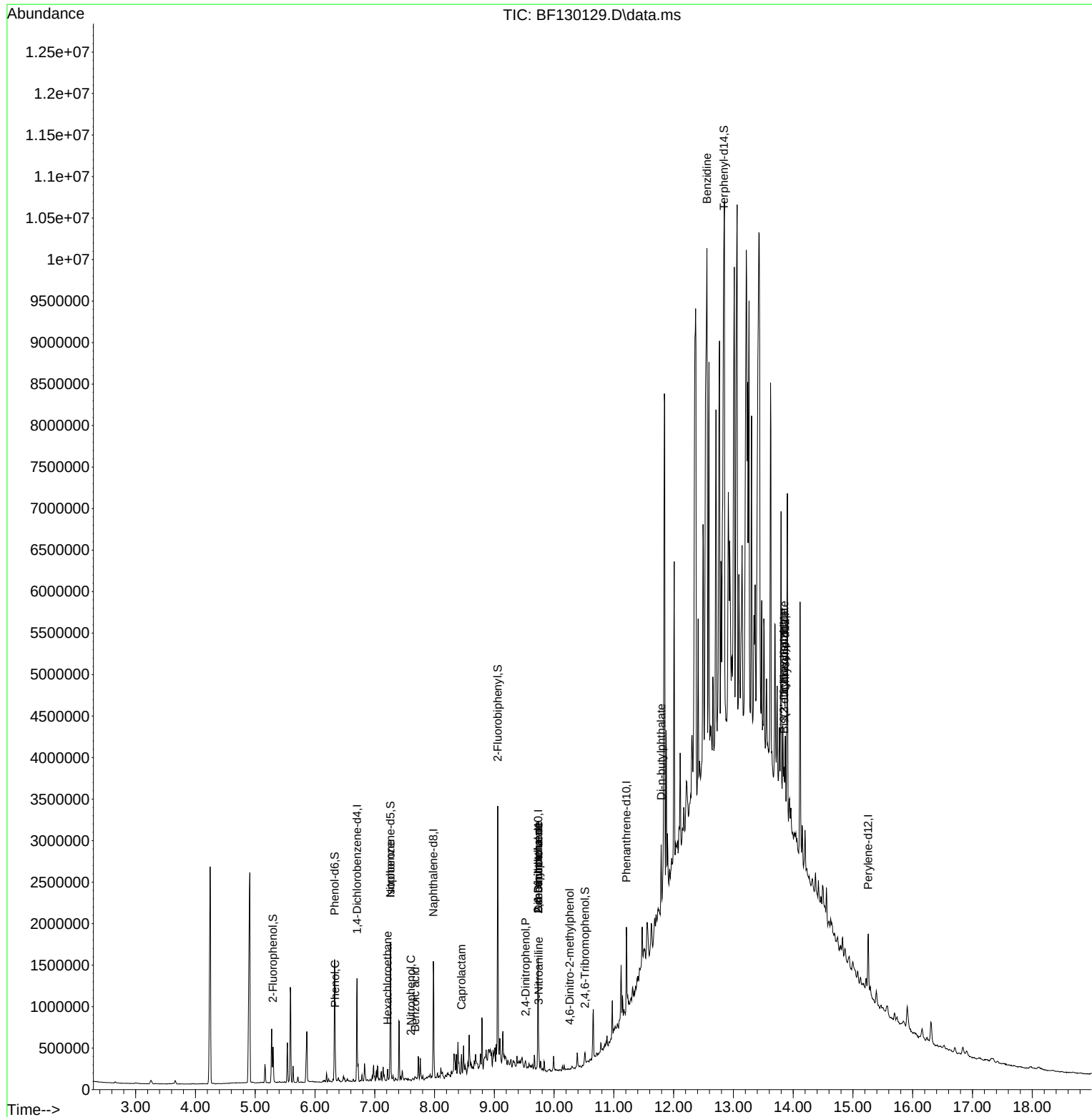
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	175211	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	621266	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	265028	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	382589	20.000	ng	#-0.01
76) Chrysene-d12	13.868	240	309694	20.000	ng	# 0.01
86) 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
25) Isophorone	7.263	82	498738	25.490	ng	# 65
26) 2-Nitrophenol	7.604	139	68	3.513	ng	# 1
32) Benzoic acid	7.675	122	4646	7.170	ng	89
35) Caprolactam	8.451	113	7384	2.713	ng	# 85
50) Dimethylphthalate	9.733	163	49813	2.759	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	36013	10.232	ng	# 24
53) 3-Nitroaniline	9.745	138	19497	4.826	ng	# 3
54) 2,4-Dinitrophenol	9.522	184	92	8.144	ng	# 1
57) 2,4-Dinitrotoluene	9.733	165	36013	8.888	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.263	198	57	6.108	ng	# 1
74) Di-n-butylphthalate	11.792	149	363873	16.044	ng	99
77) Benzidine	12.557	184	507249	60.665	ng	# 78
82) 3,3'-Dichlorobenzidine	13.845	252	21871	3.304	ng	# 39
84) Bis(2-ethylhexyl)phtha...	13.851	149	79669	5.801	ng	# 92

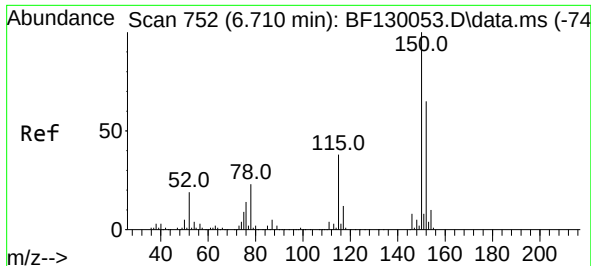
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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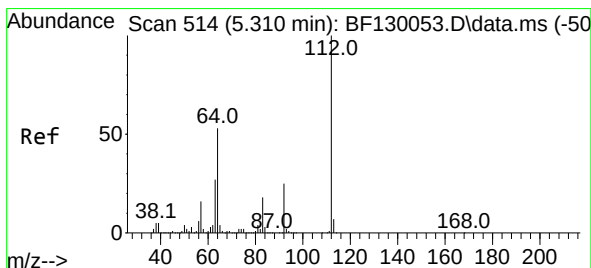
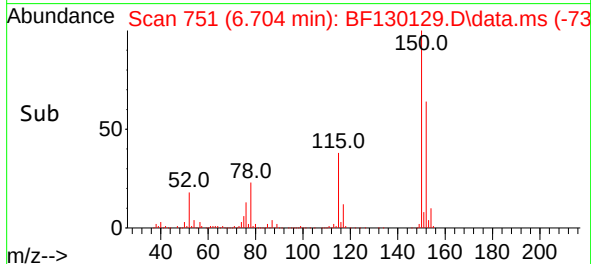
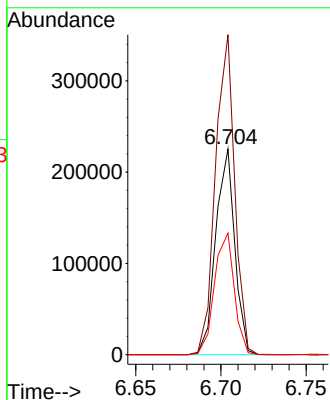
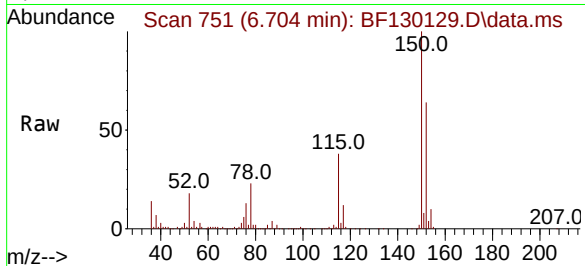




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

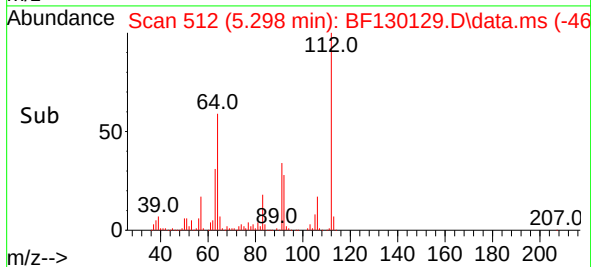
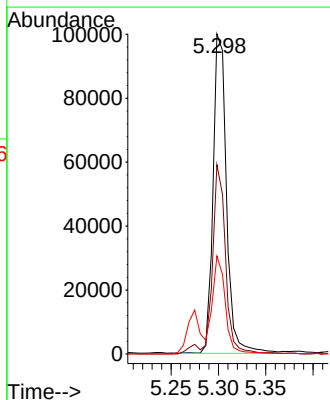
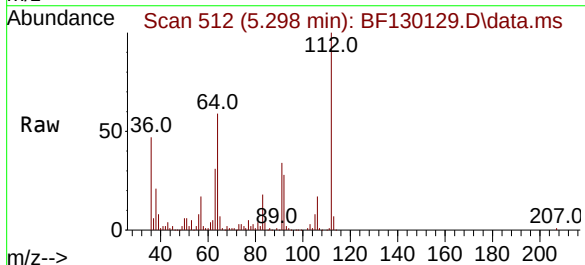
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

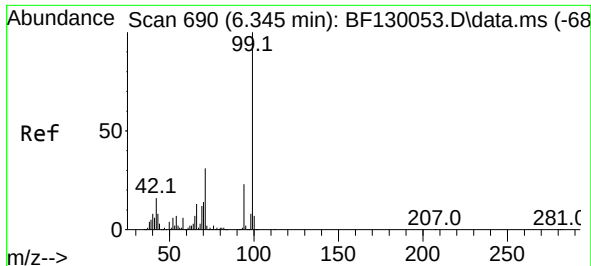
Tgt Ion:152 Resp: 175211
Ion Ratio Lower Upper
152 100
150 155.6 126.9 190.3
115 59.1 53.4 80.0



#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

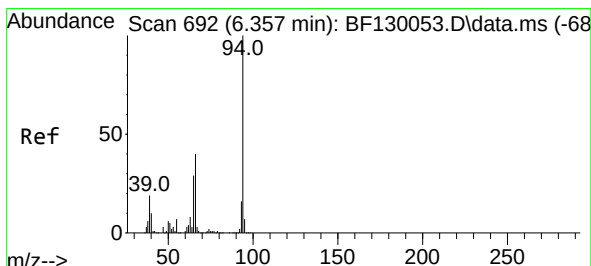
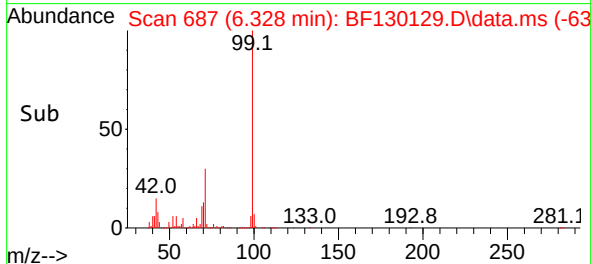
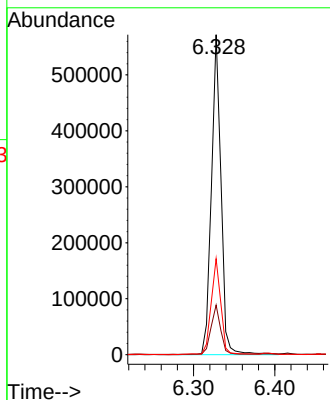
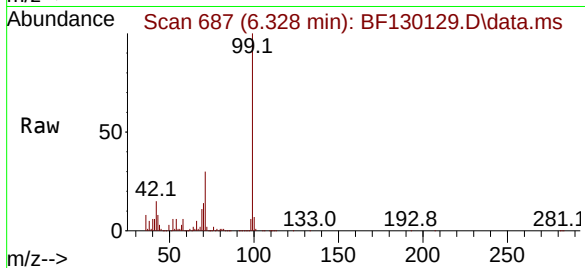




#7
Phenol-d6
Concen: 36.361 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.018 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

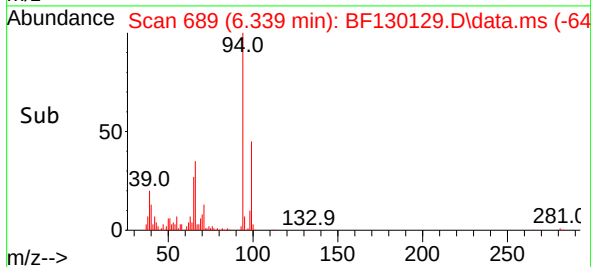
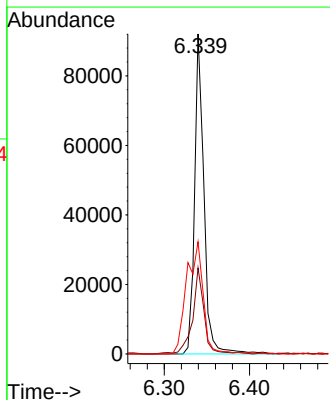
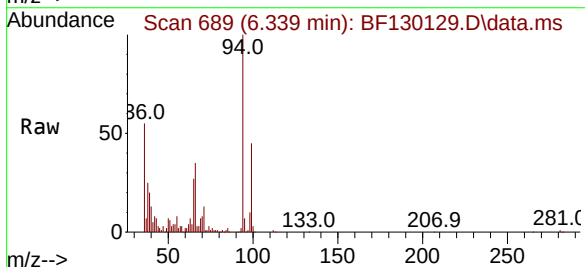
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

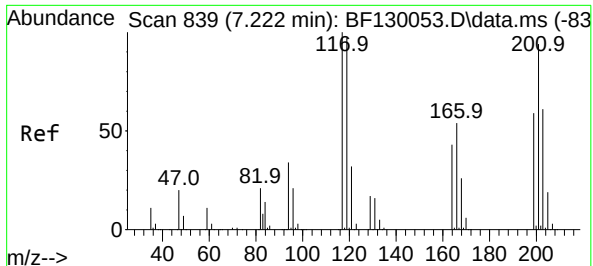
Tgt Ion: 99 Resp: 467855
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 30.0 28.8 43.2



#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

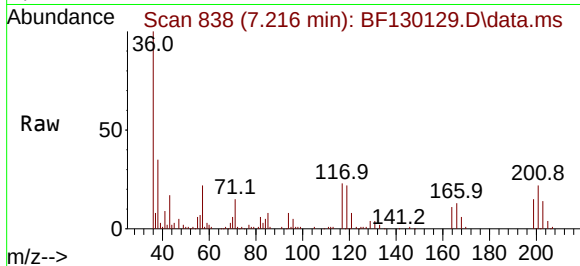
Tgt Ion: 94 Resp: 70286
Ion Ratio Lower Upper
94 100
65 26.9 24.9 64.9
66 35.1 54.2 94.2#



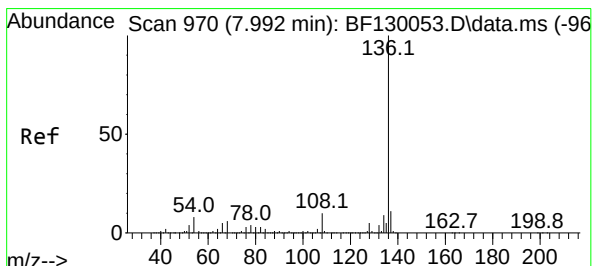
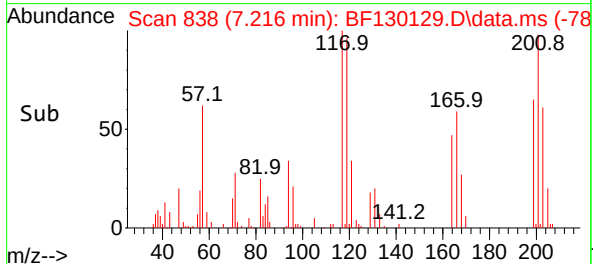
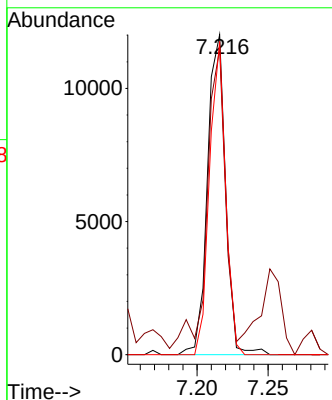


#18
Hexachloroethane
Concen: 2.336 ng
RT: 7.216 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

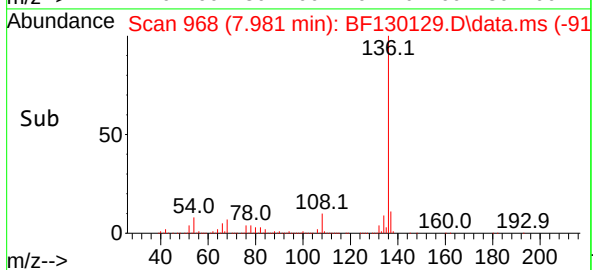
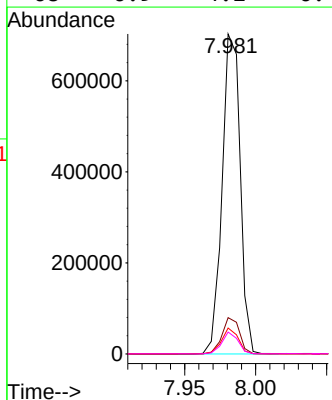
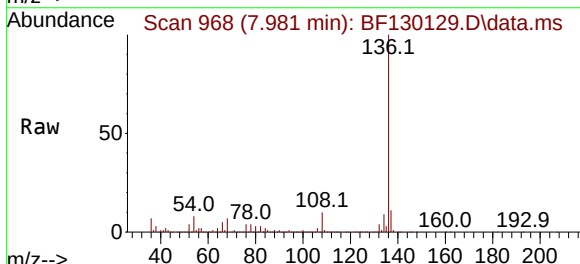


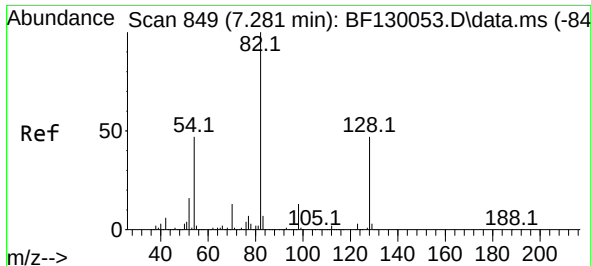
Tgt Ion:117 Resp: 10670
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 99.9 66.6 100.0



#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#

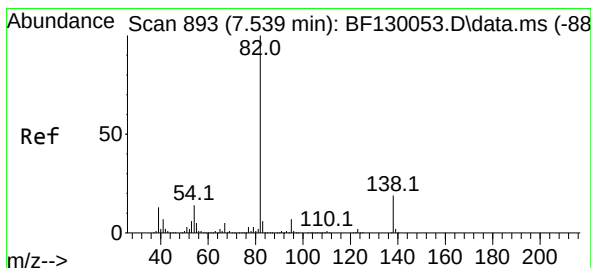
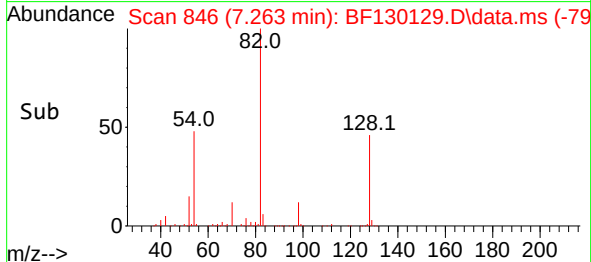
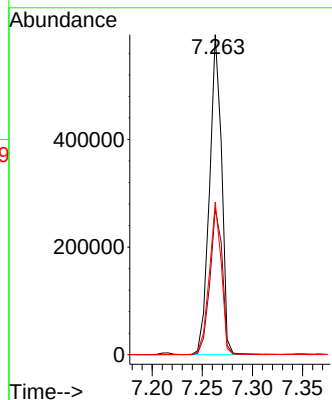
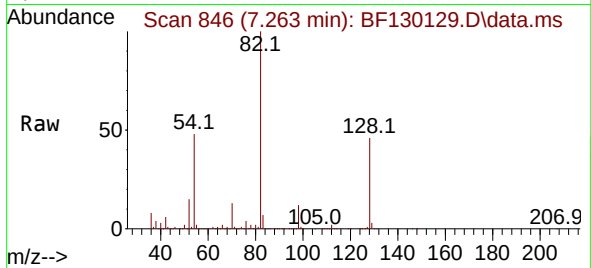




#23
Nitrobenzene-d5
Concen: 51.732 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.018 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

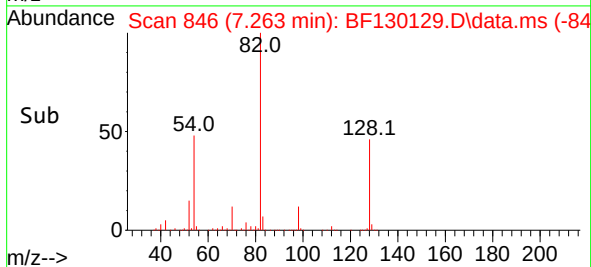
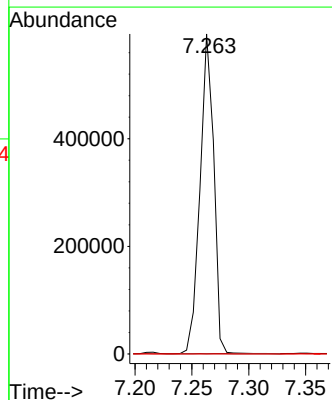
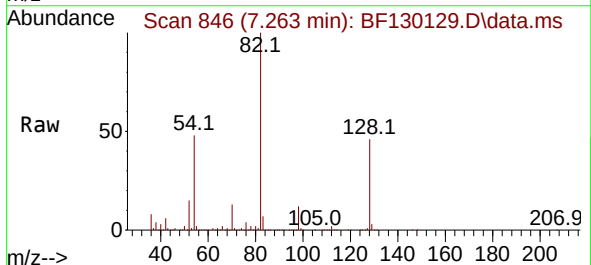
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

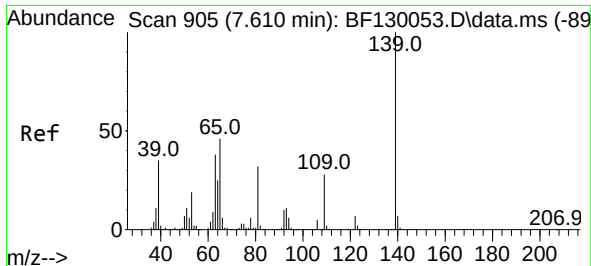
Tgt Ion: 82 Resp: 500098
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 47.6 40.0 60.0



#25
Isophorone
Concen: 25.490 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.277 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

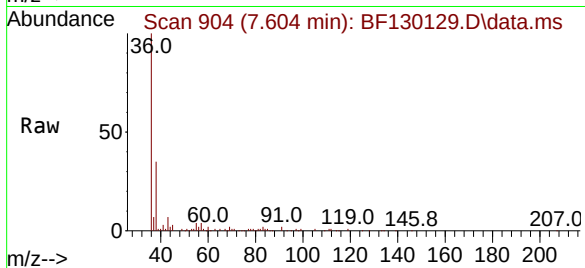
Tgt Ion: 82 Resp: 498738
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#



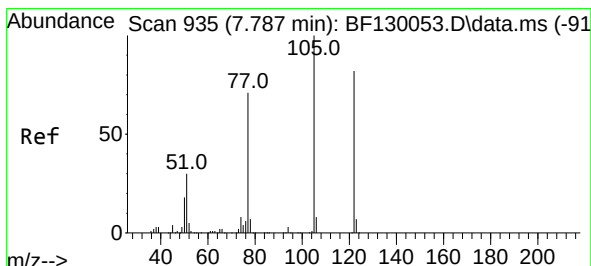
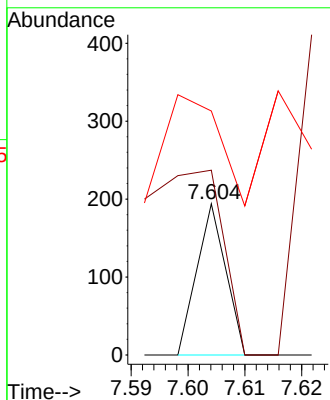
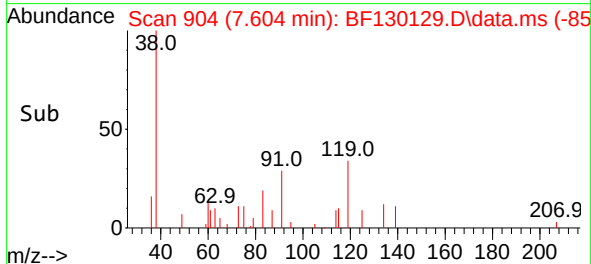


#26
2-Nitrophenol
Concen: 3.513 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

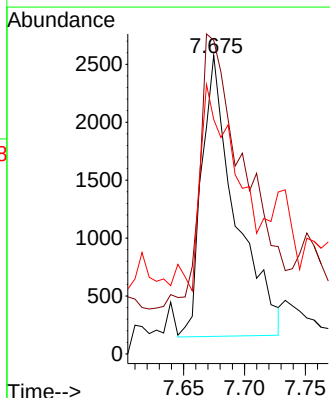
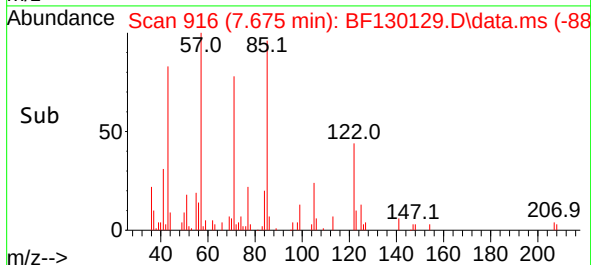
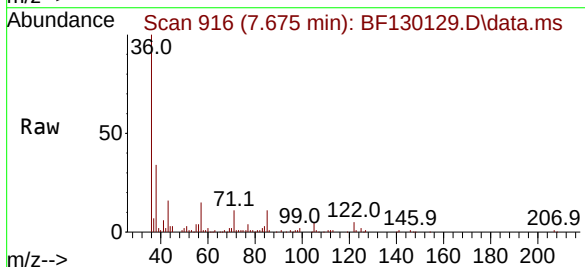


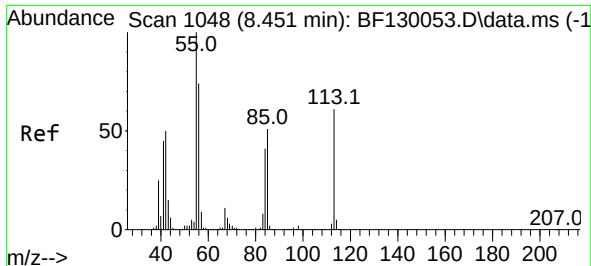
Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 122.2 24.4 36.6#
65 161.3 40.9 61.3#



#32
Benzoic acid
Concen: 7.170 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.112 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Tgt Ion:122 Resp: 4646
Ion Ratio Lower Upper
122 100
105 105.1 99.9 139.9
77 78.6 65.9 105.9

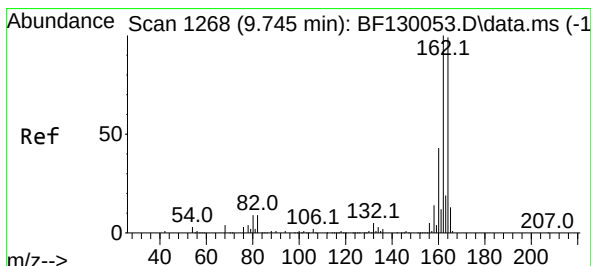
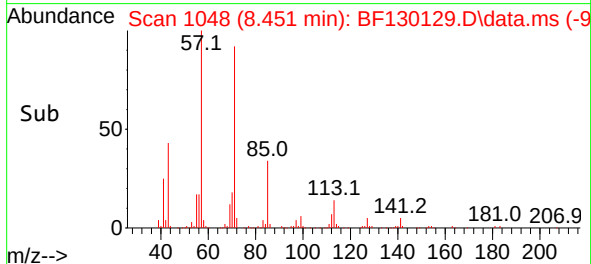
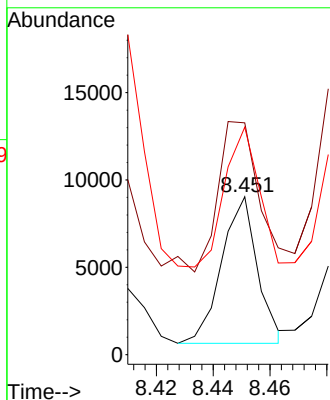
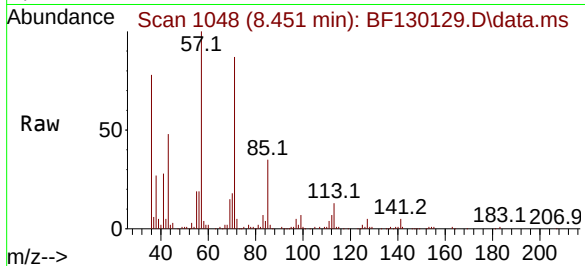




#35
 Caprolactam
 Concen: 2.713 ng
 RT: 8.451 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: BF130129.D
 Acq: 03 Sep 2022 00:42

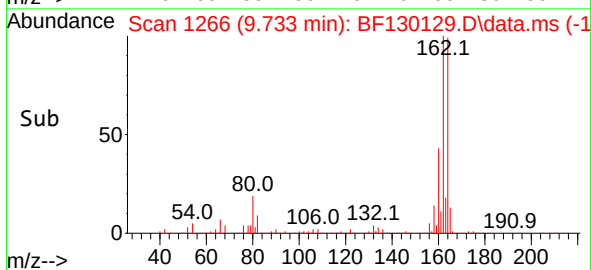
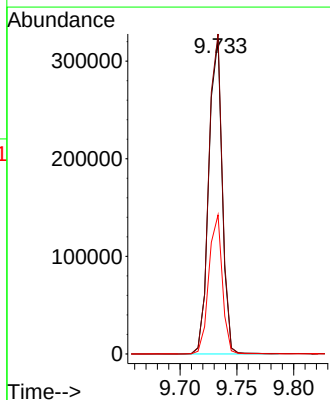
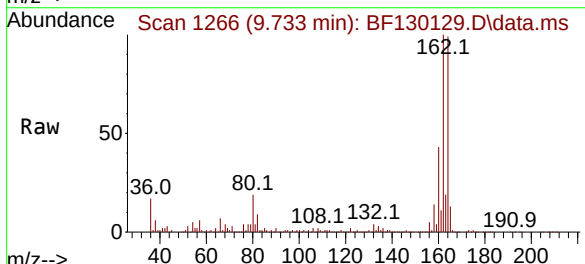
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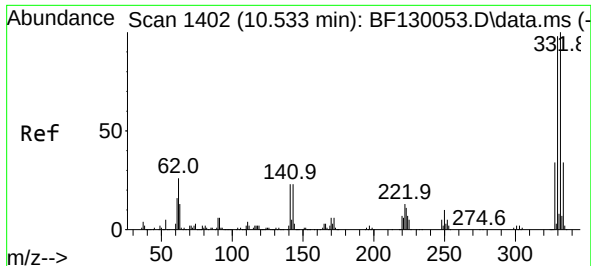
Tgt Ion:113 Resp: 7384
 Ion Ratio Lower Upper
 113 100
 55 146.8 148.8 188.8#
 56 144.1 109.1 149.1



#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# 11399

Delta R.T. -0.018 min

Lab File: BF130129.D

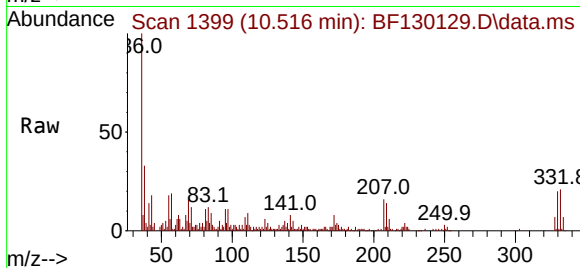
Acq: 03 Sep 2022 00:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-2



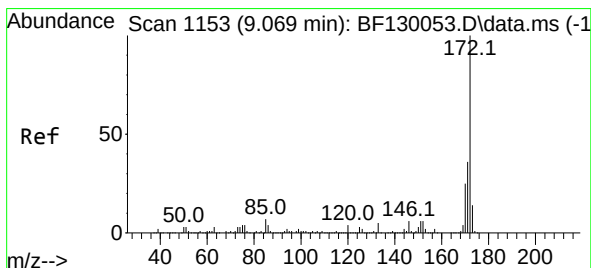
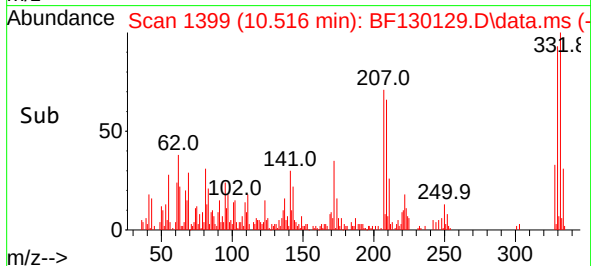
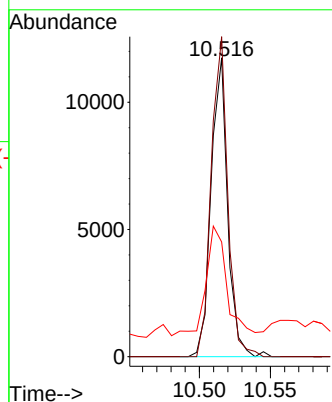
Tgt Ion:330 Resp: 9517

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

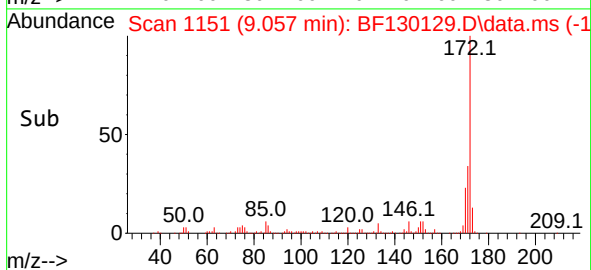
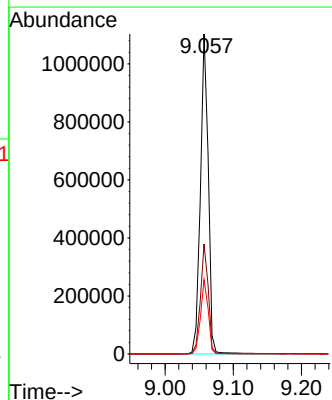
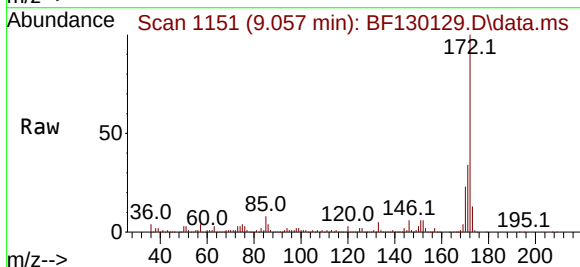
Tgt Ion:172 Resp: 885455

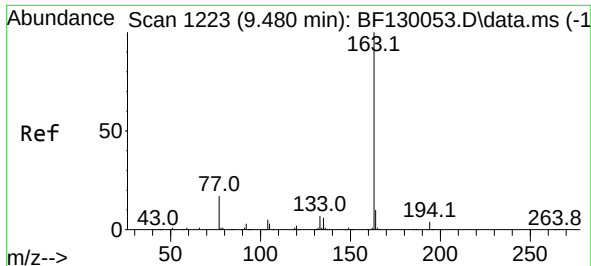
Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 23.3 19.1 28.7

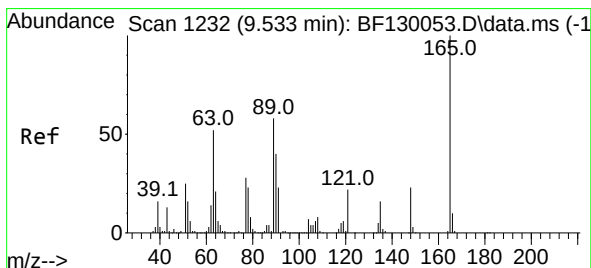
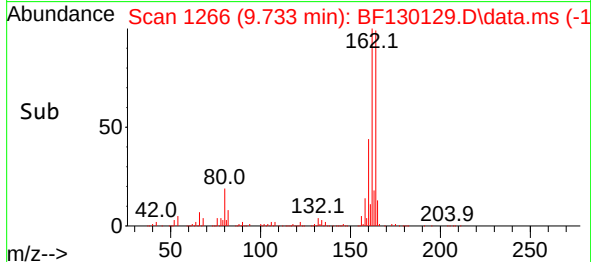
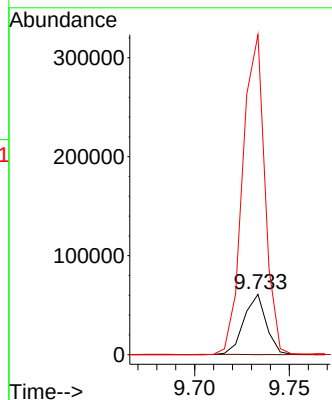
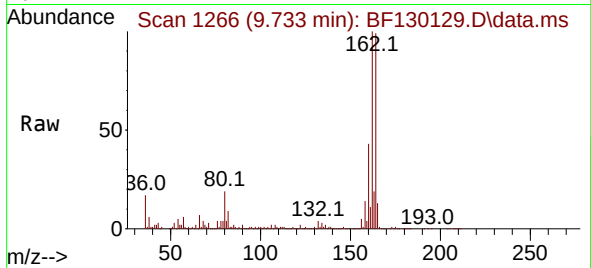




#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

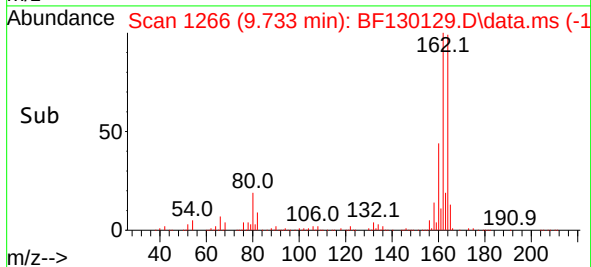
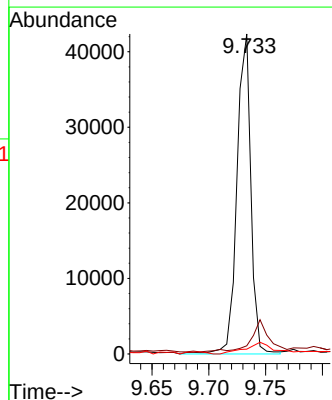
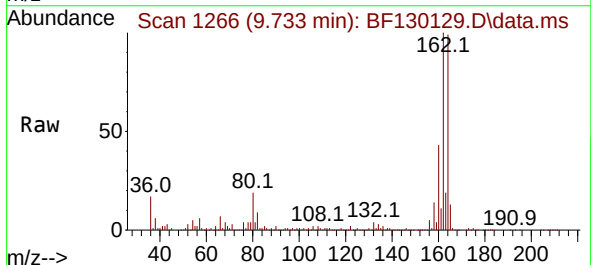
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

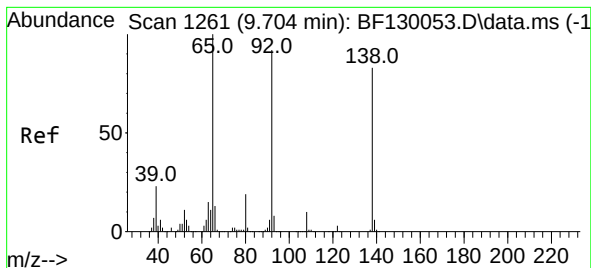
Tgt Ion:163 Resp: 49813
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 530.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.232 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

Tgt Ion:165 Resp: 36013
Ion Ratio Lower Upper
165 100
63 2.6 47.8 71.8#
89 1.5 47.2 70.8#





#53

3-Nitroaniline

Concen: 4.826 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-2

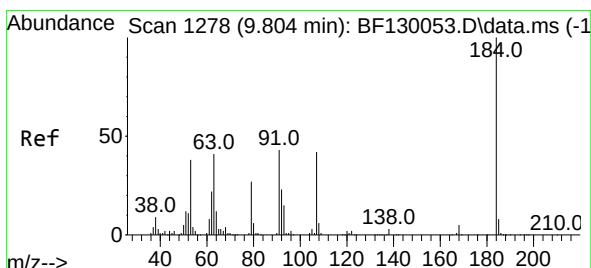
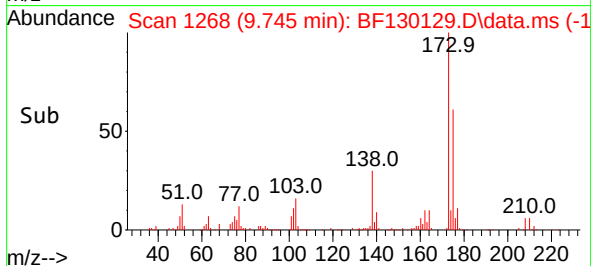
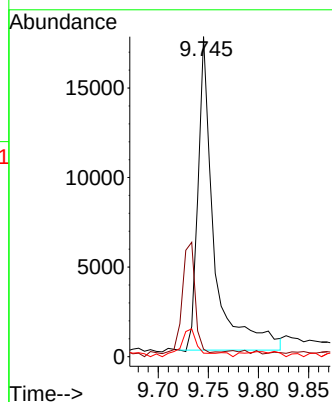
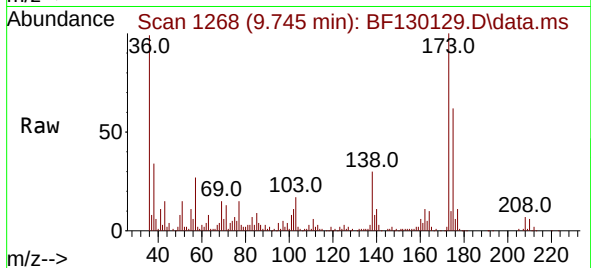
Tgt Ion:138 Resp: 19497

Ion Ratio Lower Upper

138 100

108 2.4 8.4 12.6#

92 1.1 89.8 134.8#



#54

2,4-Dinitrophenol

Concen: 8.144 ng

RT: 9.522 min Scan# 1230

Delta R.T. -0.282 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

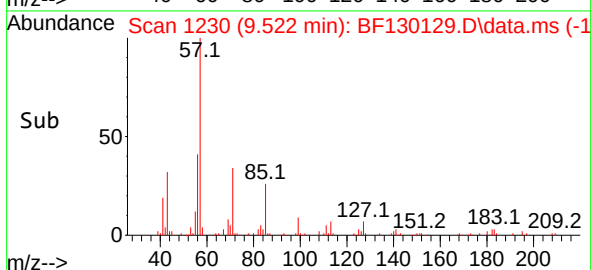
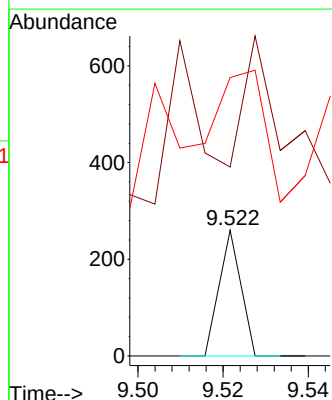
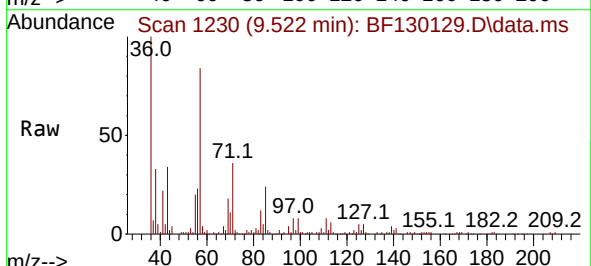
Tgt Ion:184 Resp: 92

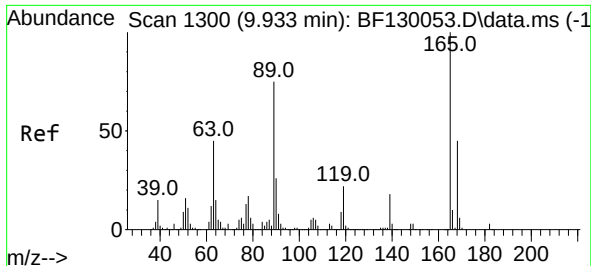
Ion Ratio Lower Upper

184 100

63 150.4 59.6 89.4#

154 221.5 55.3 82.9#





#57

2,4-Dinitrotoluene

Concen: 8.888 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130129.D

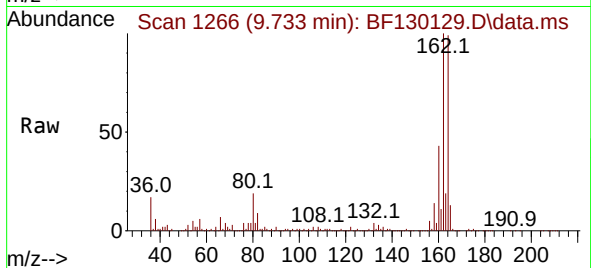
Acq: 03 Sep 2022 00:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-2



Tgt Ion:165 Resp: 36013

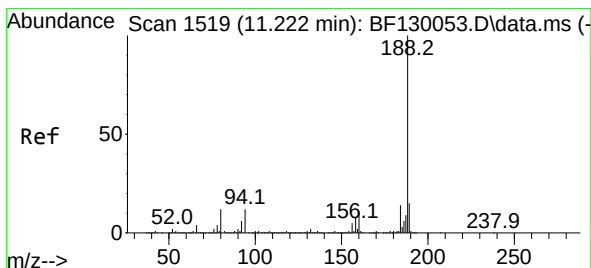
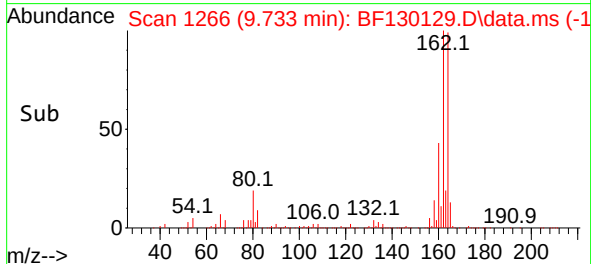
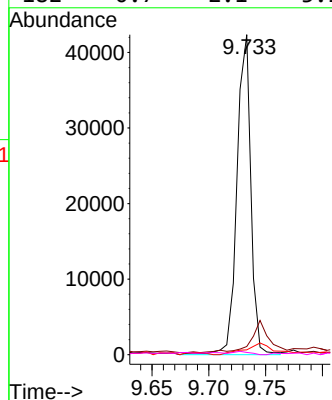
Ion Ratio Lower Upper

165 100

63 2.6 48.4 72.6#

89 1.5 62.3 93.5#

182 0.7 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

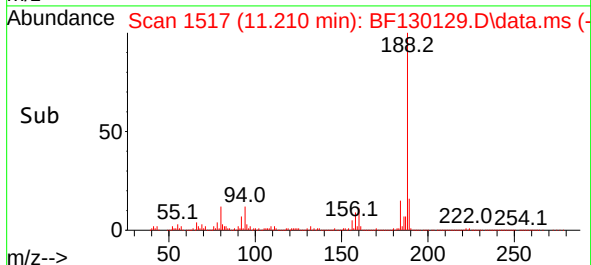
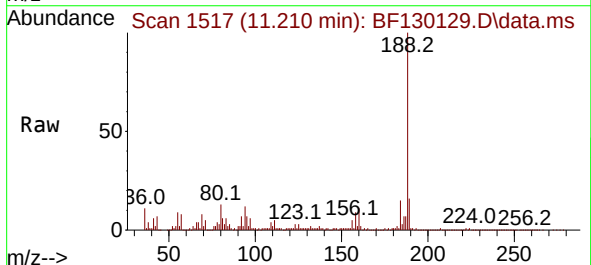
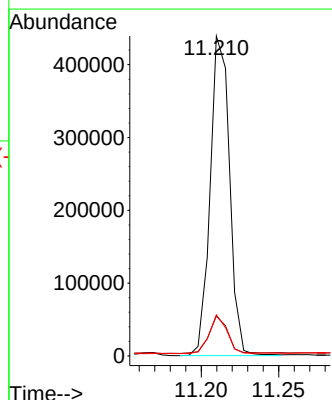
Tgt Ion:188 Resp: 382589

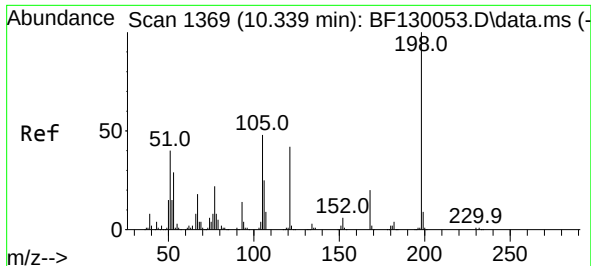
Ion Ratio Lower Upper

188 100

94 12.5 7.4 11.2#

80 12.8 7.9 11.9#

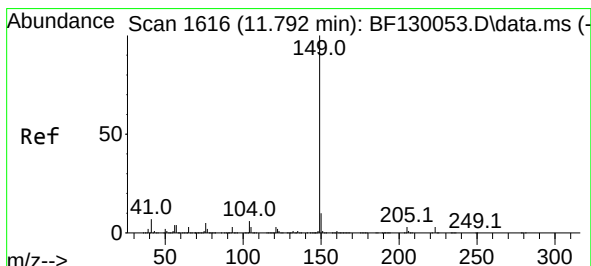
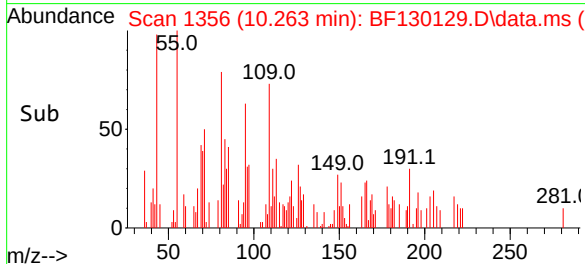
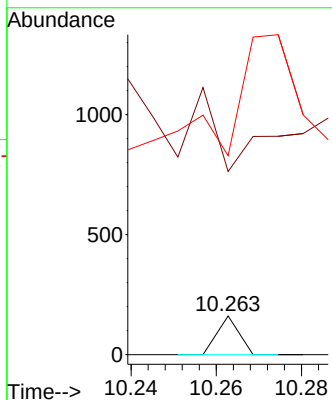
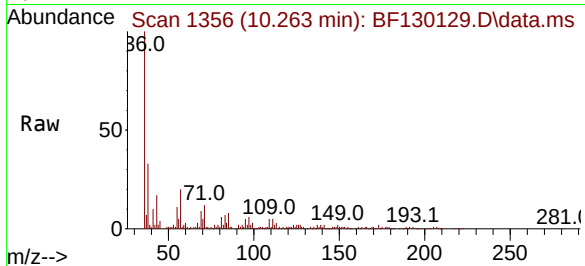




#65
4,6-Dinitro-2-methylphenol
Concen: 6.108 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.076 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

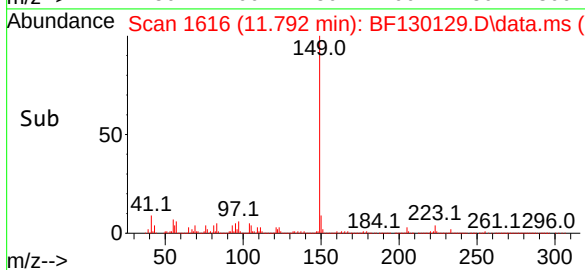
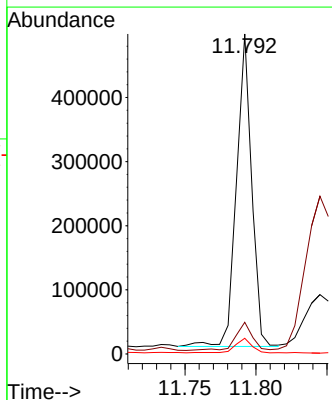
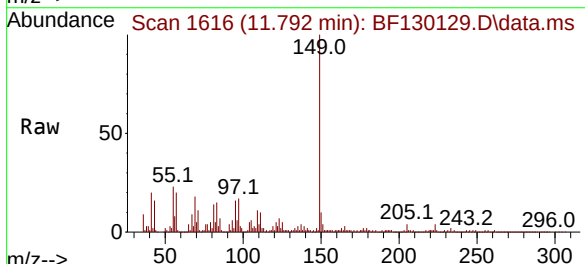
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

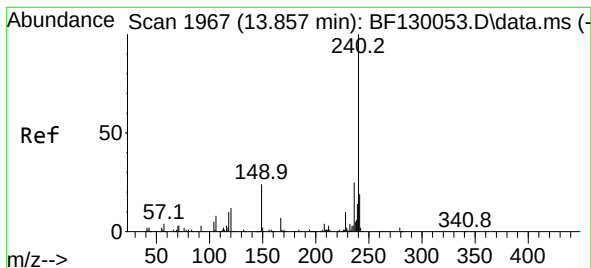
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 473.9 29.4 69.4#
105 514.9 29.2 69.2#



#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

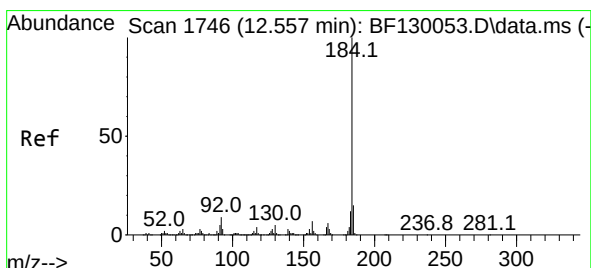
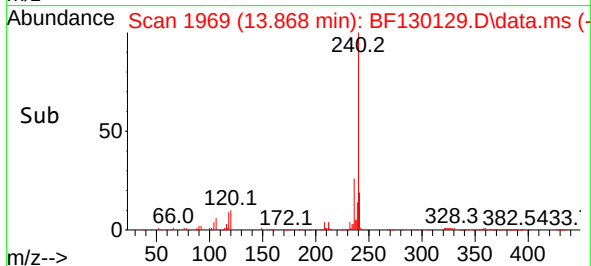
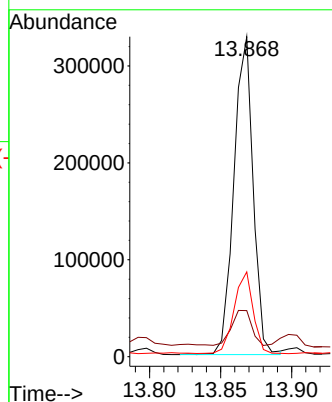
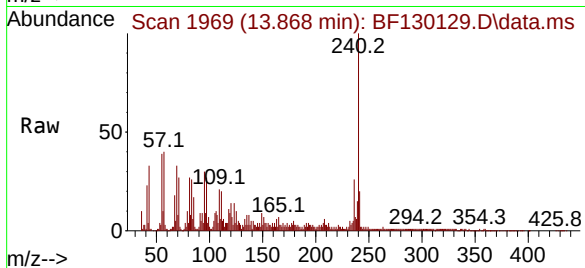
Tgt Ion:240 Resp: 309694

Ion Ratio Lower Upper

240 100

120 14.4 9.2 13.8#

236 26.5 20.7 31.1



#77

Benzidine

Concen: 60.665 ng

RT: 12.557 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BF130129.D

Acq: 03 Sep 2022 00:42

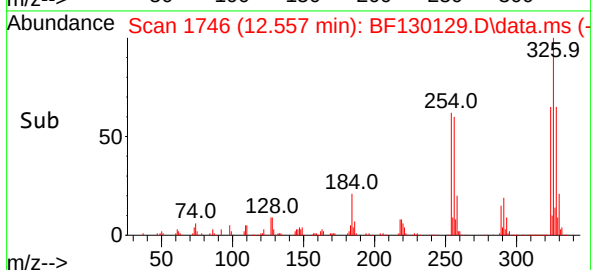
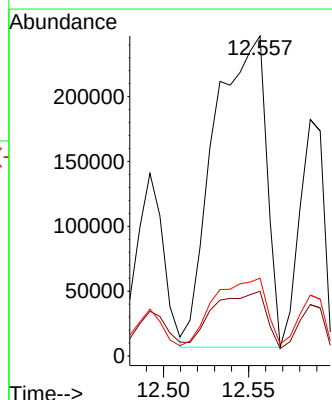
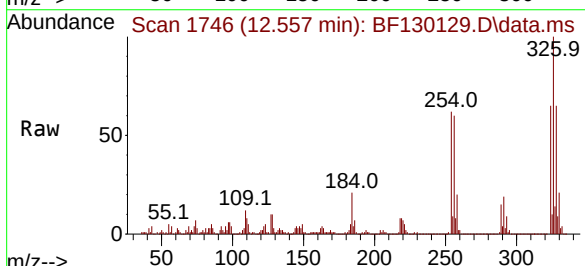
Tgt Ion:184 Resp: 507249

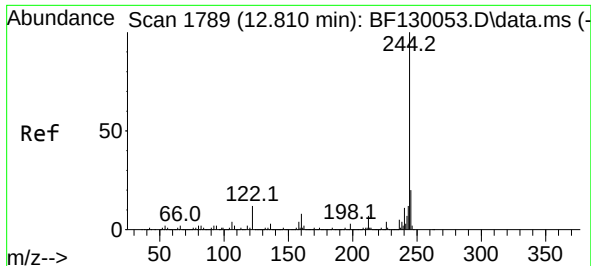
Ion Ratio Lower Upper

184 100

185 20.2 11.4 17.2#

183 24.3 9.4 14.2#

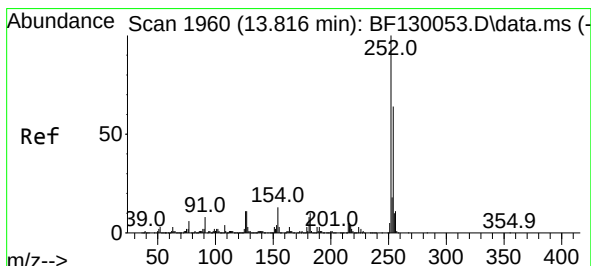
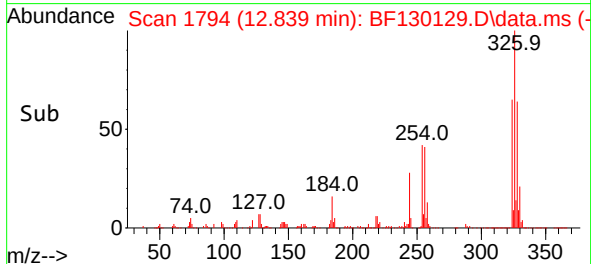
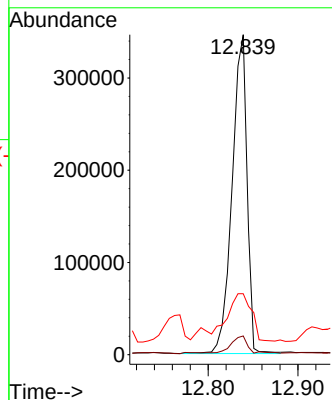
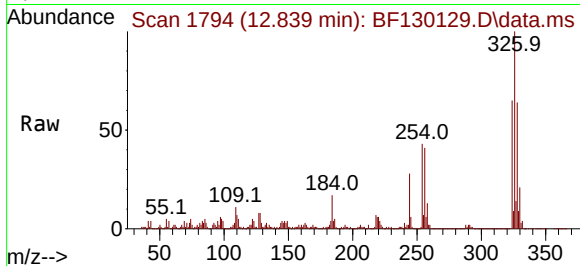




#79
 Terphenyl-d14
 Concen: 22.405 ng
 RT: 12.839 min Scan# 1794
 Delta R.T. 0.029 min
 Lab File: BF130129.D
 Acq: 03 Sep 2022 00:42

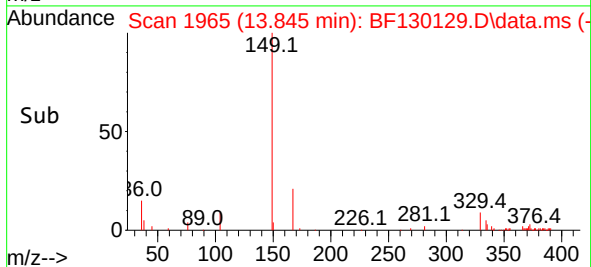
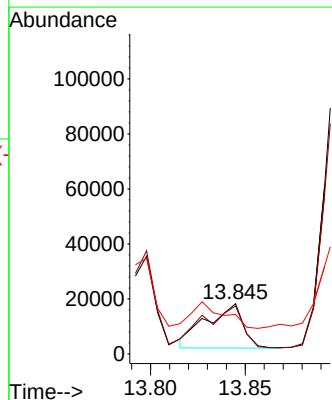
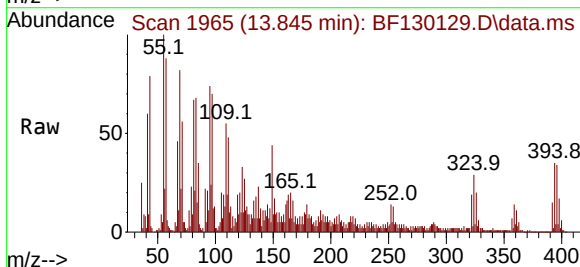
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-2

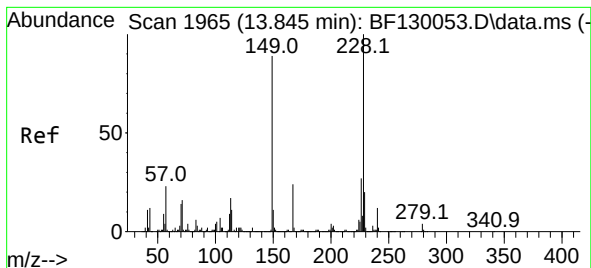
Tgt Ion:244 Resp: 400130
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.9 8.9#
 122 19.1 9.9 14.9#



#82
 3,3'-Dichlorobenzidine
 Concen: 3.304 ng
 RT: 13.845 min Scan# 1965
 Delta R.T. 0.029 min
 Lab File: BF130129.D
 Acq: 03 Sep 2022 00:42

Tgt Ion:252 Resp: 21871
 Ion Ratio Lower Upper
 252 100
 254 95.6 51.4 77.2#
 126 78.7 10.2 15.4#

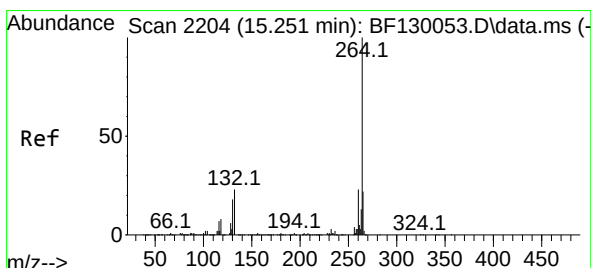
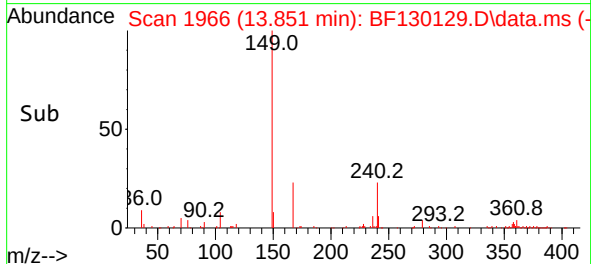
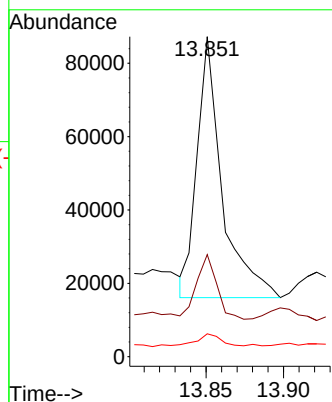
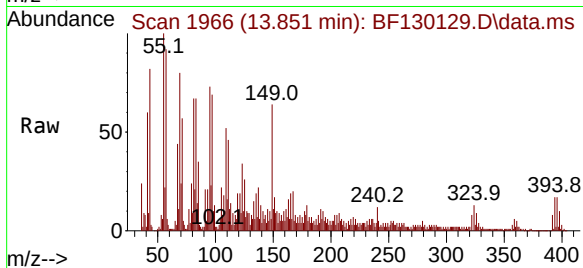




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.801 ng
RT: 13.851 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BF130129.D
Acq: 03 Sep 2022 00:42

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

