

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008353.D
 Acq On : 10 Dec 2021 22:14
 Operator : CG/JU
 Sample : M4965-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WHITE-BROWN-CONCRETE-COMP

Quant Time: Dec 11 04:02:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

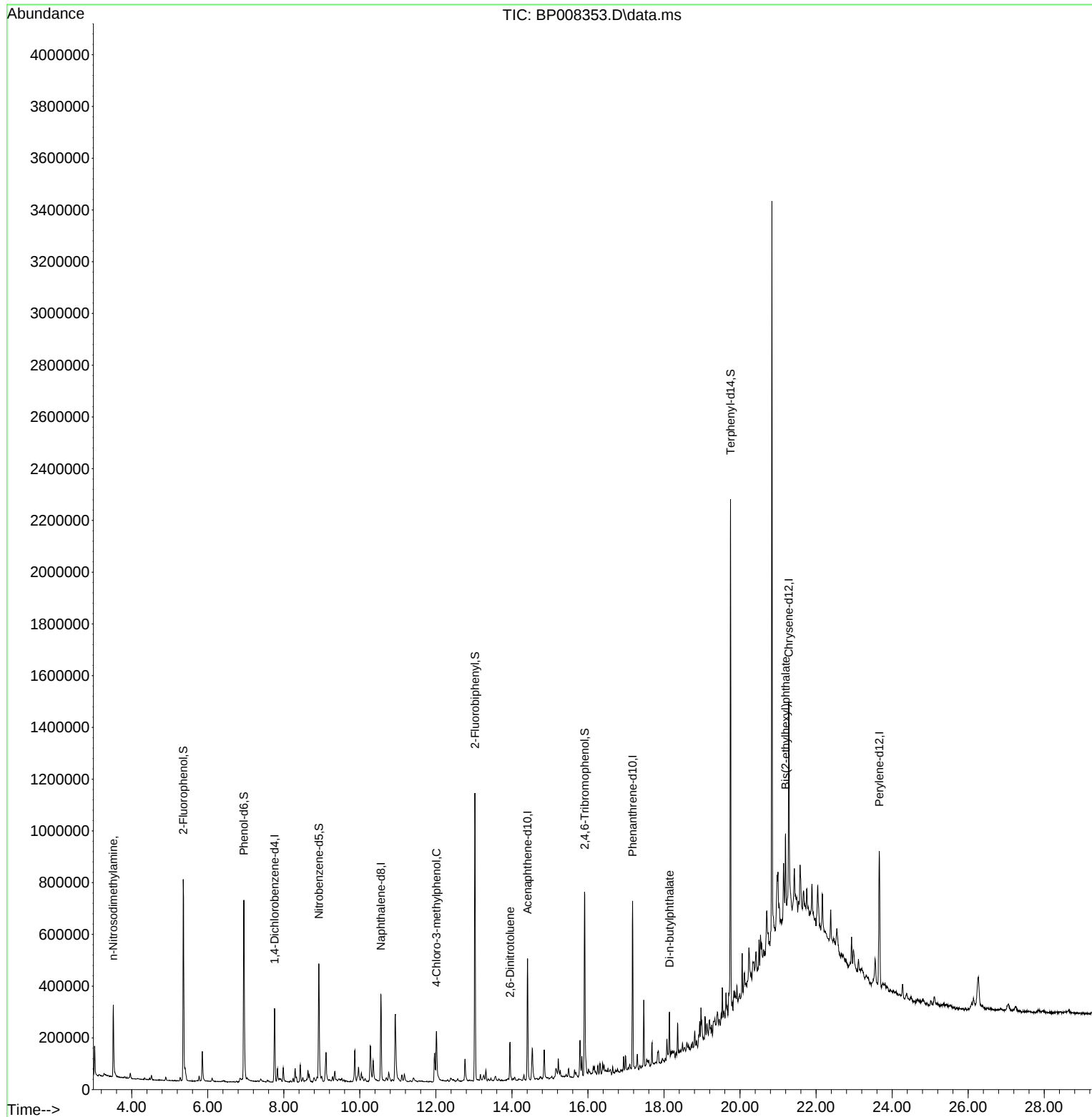
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	70795	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	261838	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	154283	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	370686	20.000	ng	0.00
76) Chrysene-d12	21.280	240	379979	20.000	ng	0.00
86) Perylene-d12	23.662	264	414027	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	316494	71.980	ng	0.00
7) Phenol-d6	6.952	99	400453	67.467	ng	0.00
23) Nitrobenzene-d5	8.922	82	279117	48.474	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	137261	69.605	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	510263	48.040	ng	0.00
79) Terphenyl-d14	19.751	244	900277	49.516	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.516	42	9150	4.007	ng	# 1
9) Benzaldehyde	6.934	77	2333	Below Cal		# 76
36) 4-Chloro-3-methylphenol	12.016	107	62392	12.683	ng	# 22
51) 2,6-Dinitrotoluene	13.951	165	20707	8.612	ng	# 22
74) Di-n-butylphthalate	18.145	149	122545	5.163	ng	99
78) Pyrene	19.551	202	6581	Below Cal		99
84) Bis(2-ethylhexyl)phtha...	21.198	149	84681	5.155	ng	98

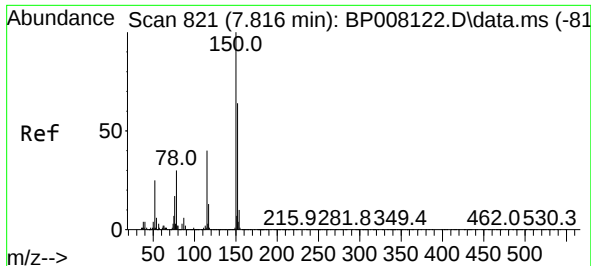
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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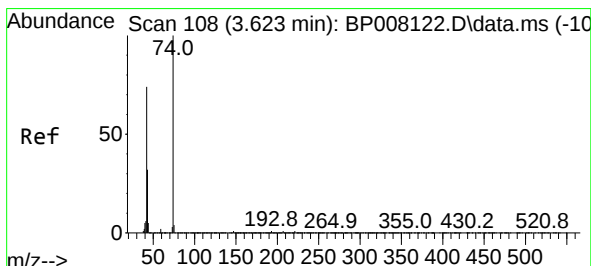
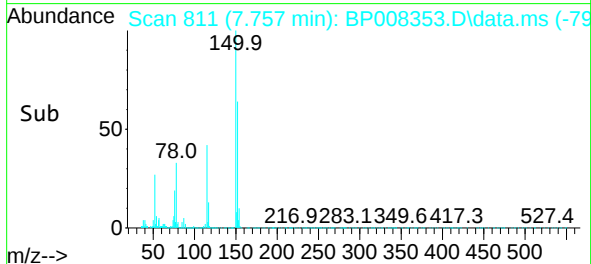
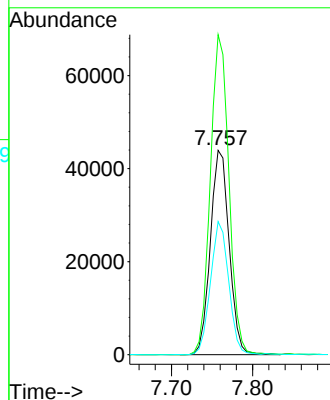
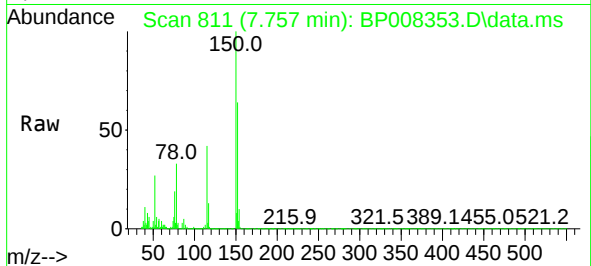




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

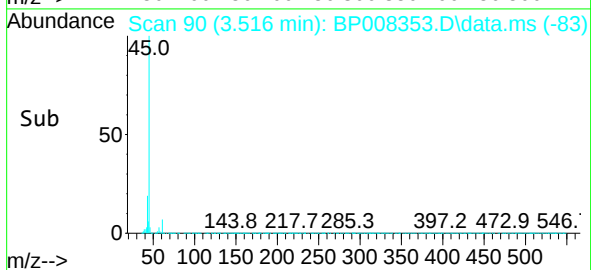
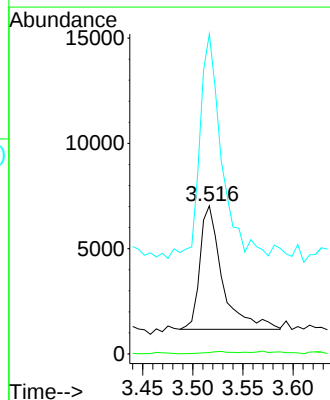
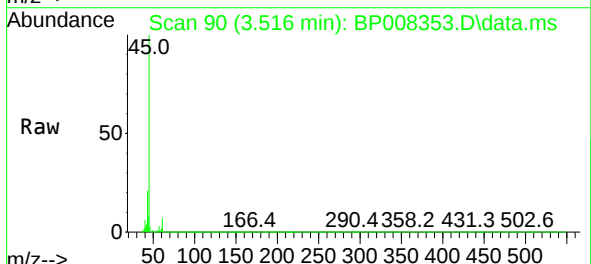
Instrument :
BNA_P
ClientSampleId :
WHITE-BROWN-CONCRETE-COMP

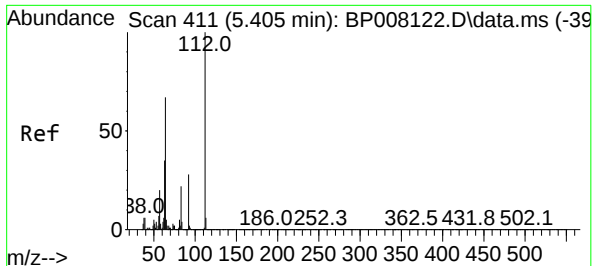
Tgt Ion:152 Resp: 70795
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 65.1 50.7 76.1



#4
n-Nitrosodimethylamine
Concen: 4.007 ng
RT: 3.516 min Scan# 90
Delta R.T. -0.059 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

Tgt Ion: 42 Resp: 9150
Ion Ratio Lower Upper
42 100
74 1.0 108.0 162.0#
44 215.9 5.8 8.6#

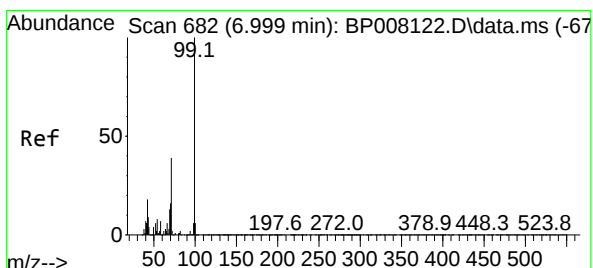
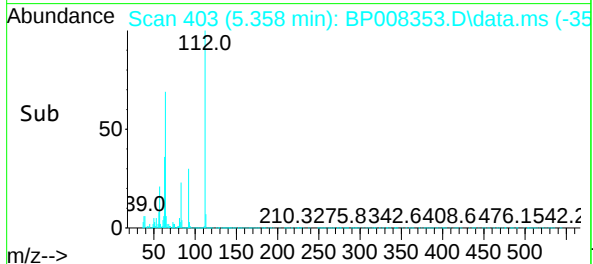
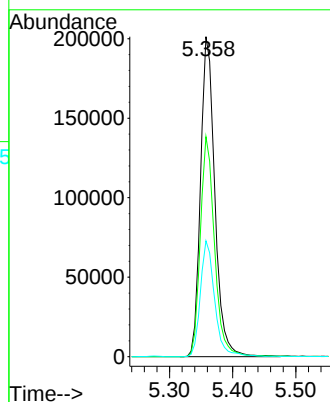
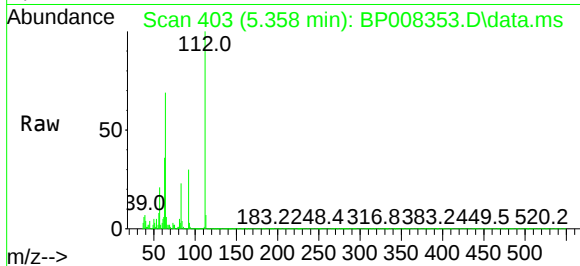




#5
2-Fluorophenol
Concen: 71.980 ng
RT: 5.358 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

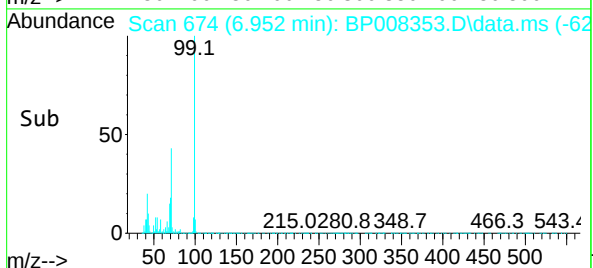
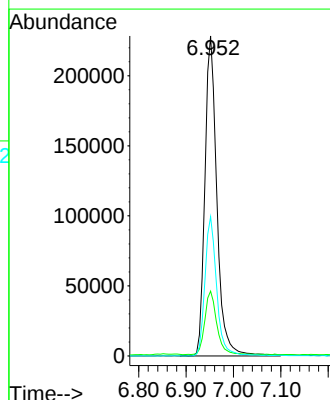
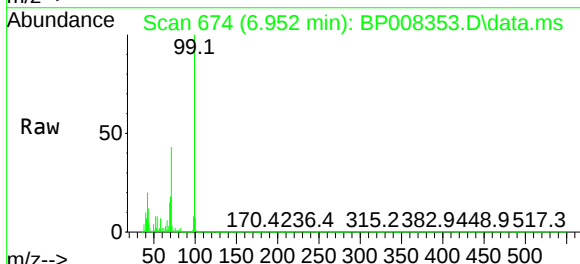
Instrument :
BNA_P
ClientSampleId :
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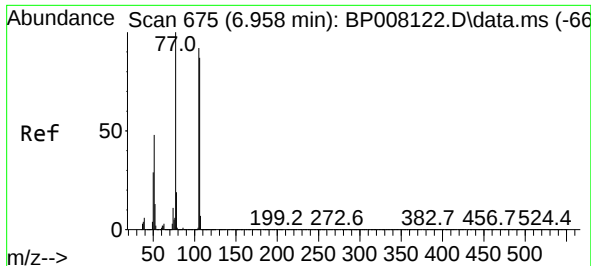
Tgt Ion:112 Resp: 316494
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.2
63 36.2 27.8 41.8



#7
Phenol-d6
Concen: 67.467 ng
RT: 6.952 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

Tgt Ion: 99 Resp: 400453
Ion Ratio Lower Upper
99 100
42 20.2 14.6 22.0
71 43.5 31.1 46.7

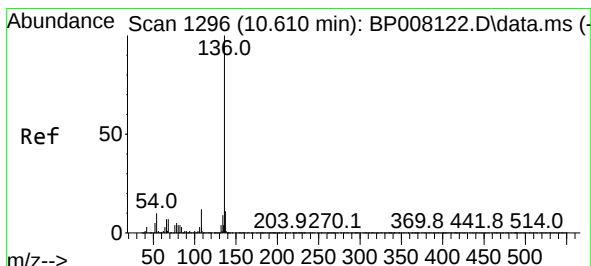
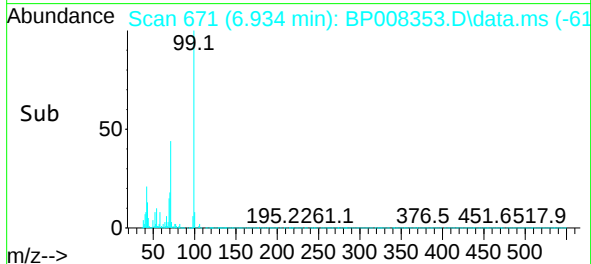
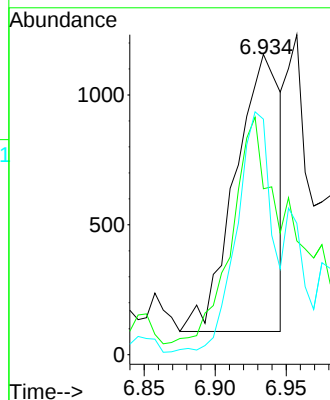
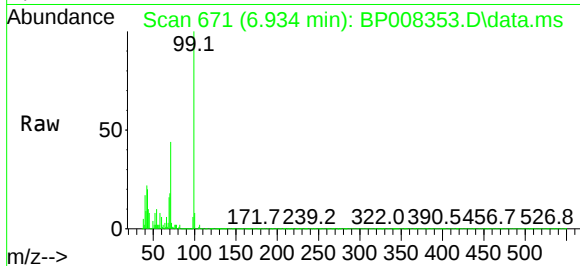




#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

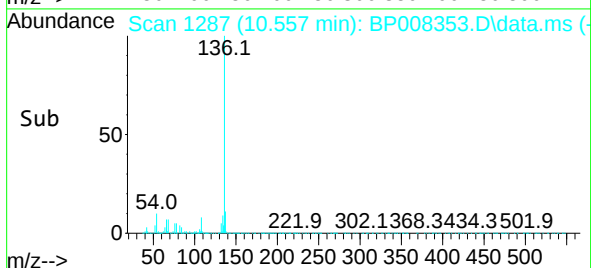
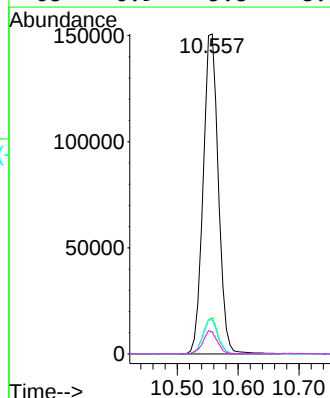
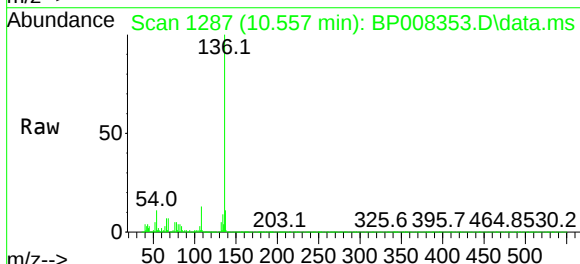
Instrument :
BNA_P
ClientSampleId :
WHITE-BROWN-CONCRETE-COMP

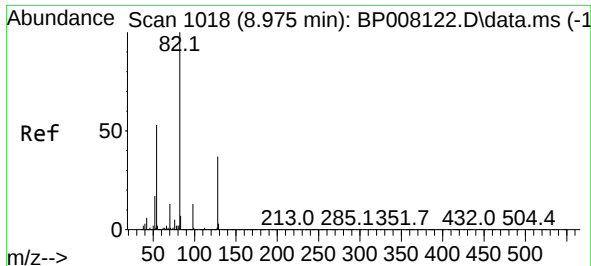
Tgt Ion: 77 Resp: 2333
Ion Ratio Lower Upper
77 100
105 55.3 71.8 111.8#
106 78.5 67.3 107.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

Tgt Ion:136 Resp: 261838
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.6 8.2 12.4
68 6.9 5.8 8.8

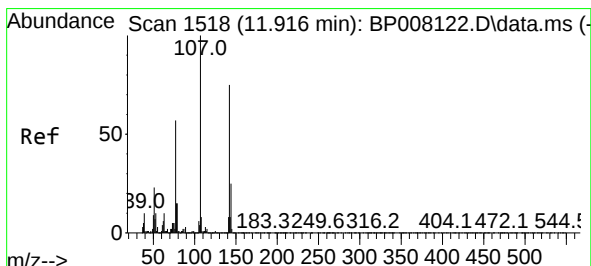
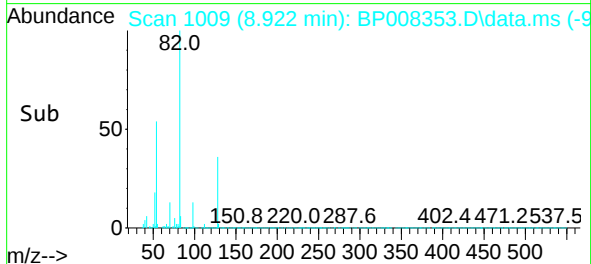
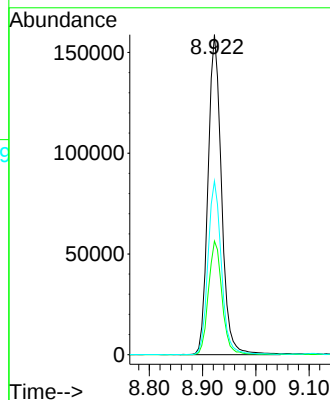
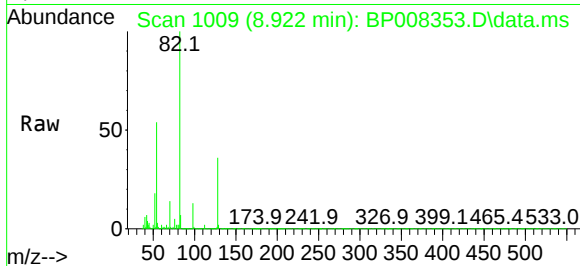




#23
Nitrobenzene-d5
Concen: 48.474 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

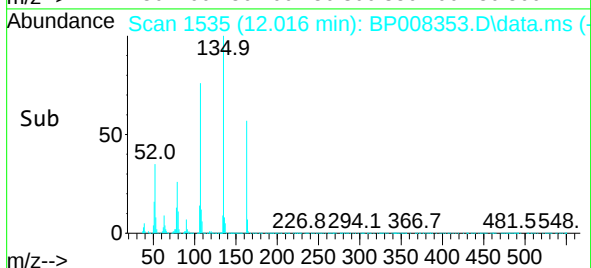
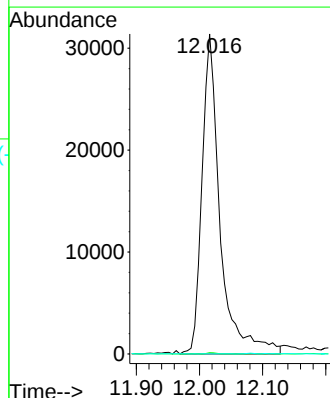
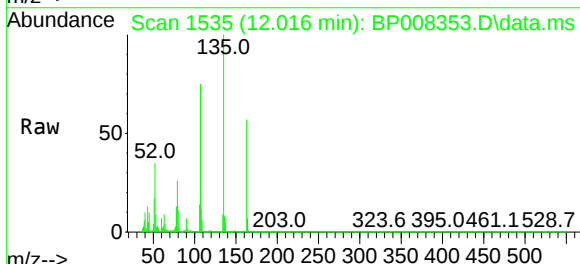
Instrument :
BNA_P
ClientSampleId :
WHITE-BROWN-CONCRETE-COMP

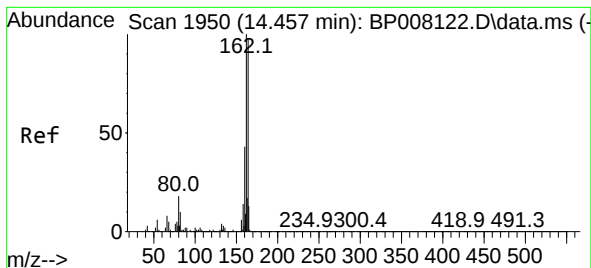
Tgt Ion: 82 Resp: 279117
Ion Ratio Lower Upper
82 100
128 35.5 29.6 44.4
54 54.2 42.7 64.1



#36
4-Chloro-3-methylphenol
Concen: 12.683 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.141 min
Lab File: BP008353.D
Acq: 10 Dec 2021 22:14

Tgt Ion: 107 Resp: 62392
Ion Ratio Lower Upper
107 100
144 0.4 19.7 29.5#
142 0.1 59.6 89.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BP008353.D

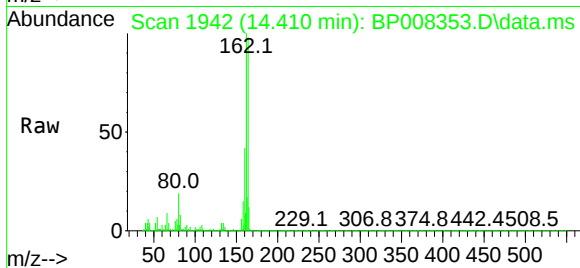
Acq: 10 Dec 2021 22:14

Instrument :

BNA_P

ClientSampleId :

WHITE-BROWN-CONCRETE-COMP



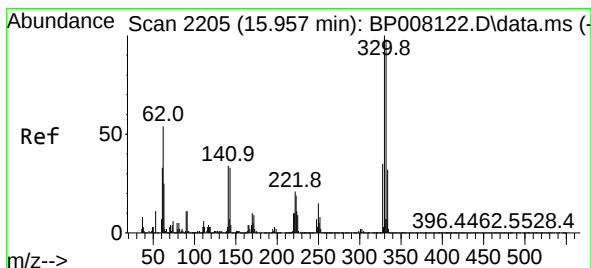
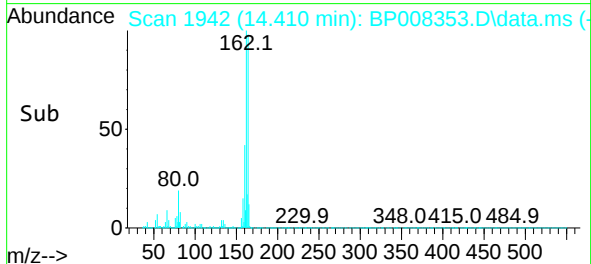
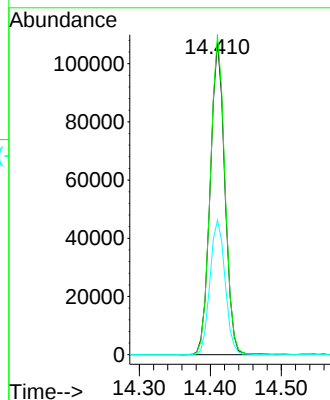
Tgt Ion:164 Resp: 154283

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

160 42.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 69.605 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

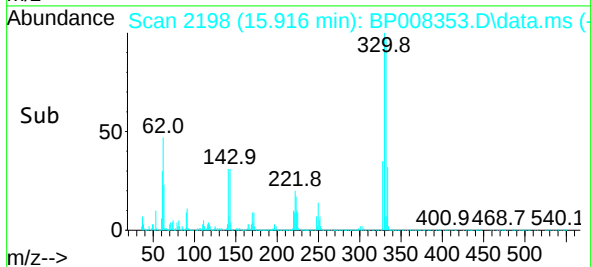
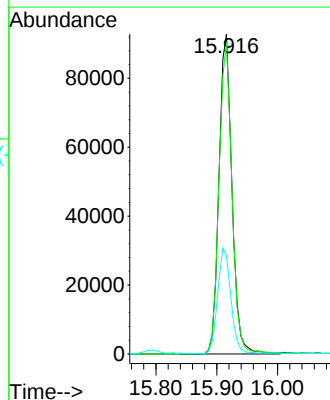
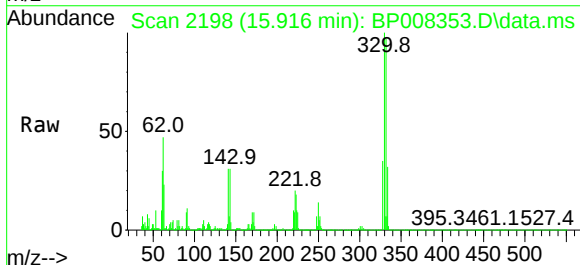
Tgt Ion:330 Resp: 137261

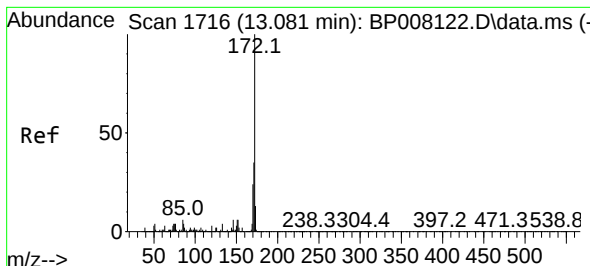
Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.4

141 34.2 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 48.040 ng

RT: 13.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

Instrument :

BNA_P

ClientSampleId :

WHITE-BROWN-CONCRETE-COMP

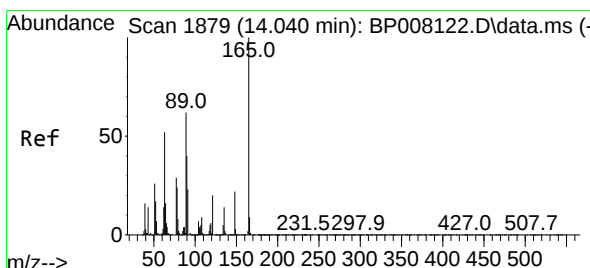
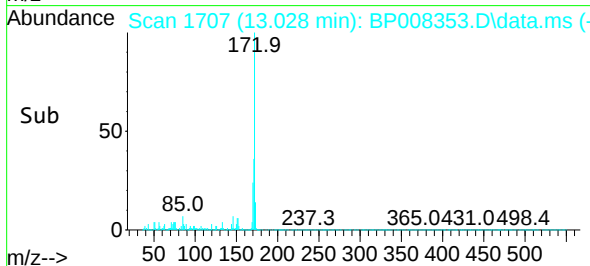
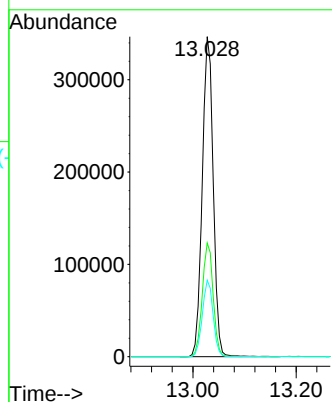
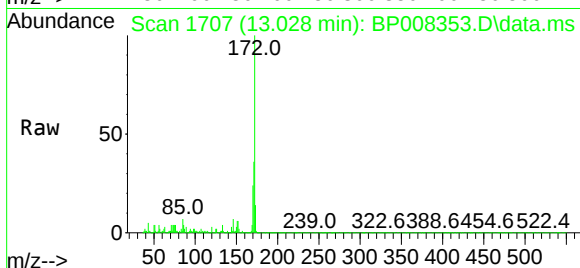
Tgt Ion:172 Resp: 510263

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.9 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.612 ng

RT: 13.951 min Scan# 1864

Delta R.T. -0.053 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

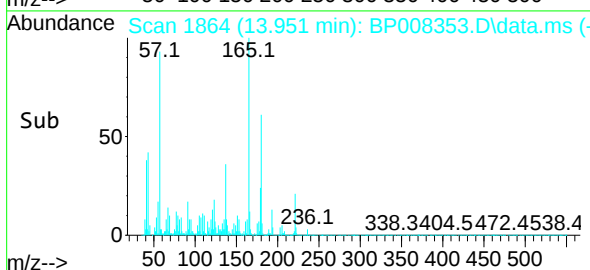
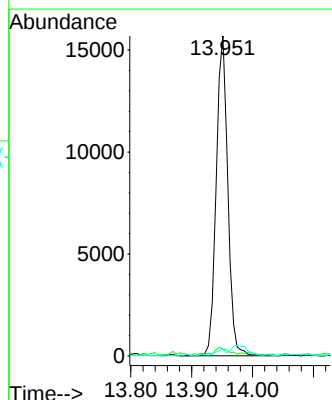
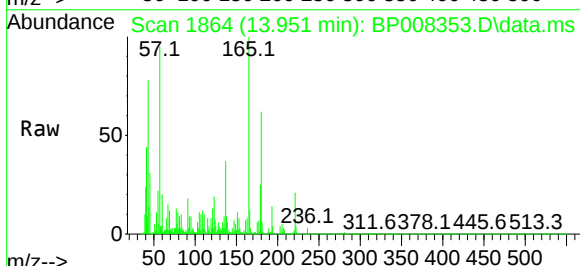
Tgt Ion:165 Resp: 20707

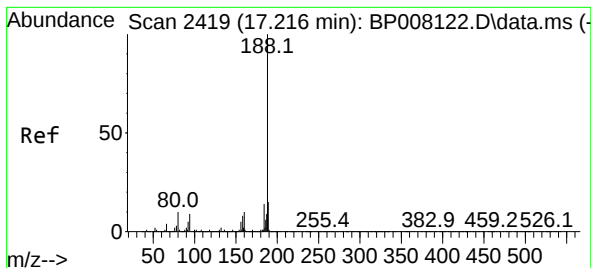
Ion Ratio Lower Upper

165 100

63 2.2 50.8 76.2#

89 2.0 50.0 75.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

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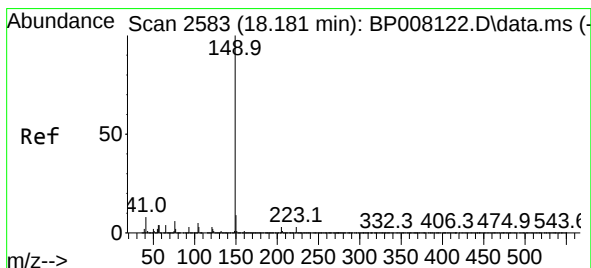
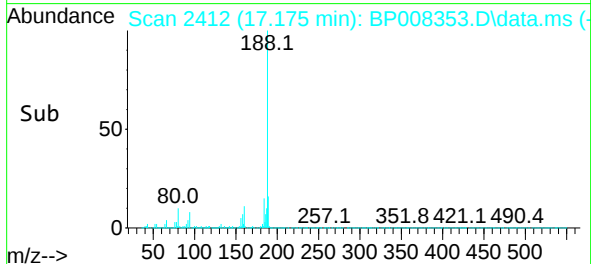
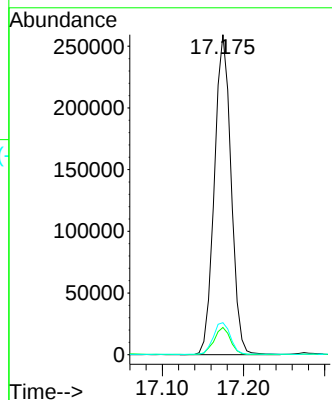
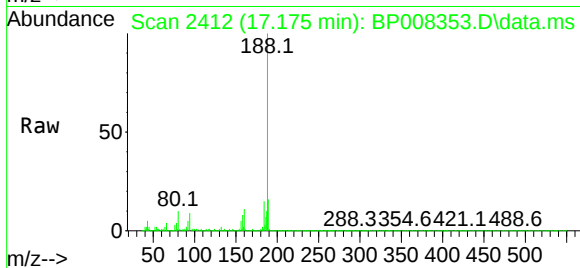
Tgt Ion:188 Resp: 370686

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

80 10.0 8.2 12.4



#74

Di-n-butylphthalate

Concen: 5.163 ng

RT: 18.145 min Scan# 2577

Delta R.T. 0.000 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

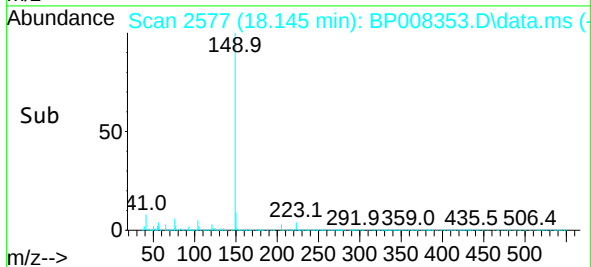
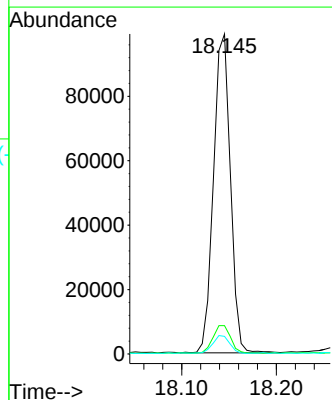
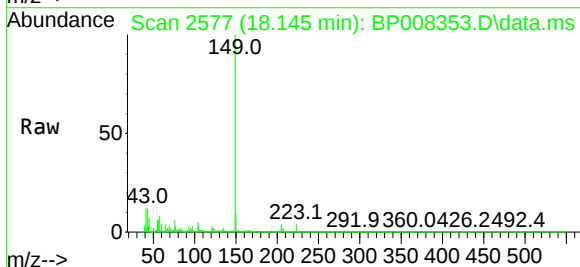
Tgt Ion:149 Resp: 122545

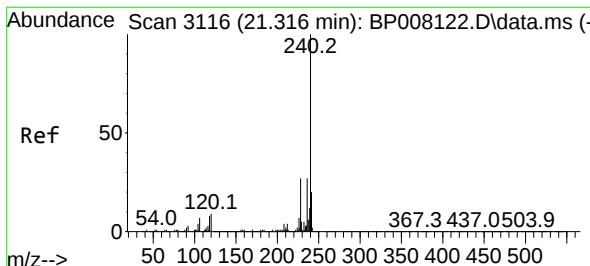
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 5.5 4.4 6.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

Instrument :

BNA_P

ClientSampleId :

WHITE-BROWN-CONCRETE-COMP

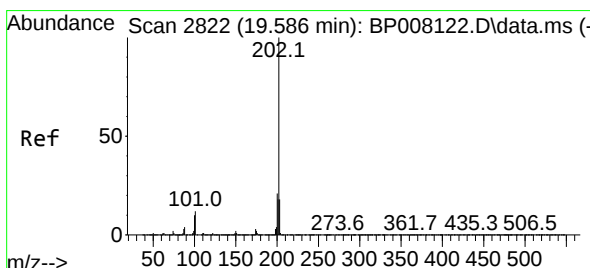
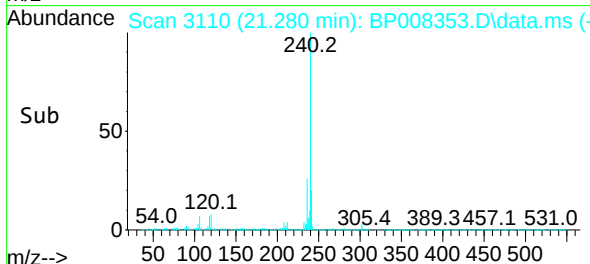
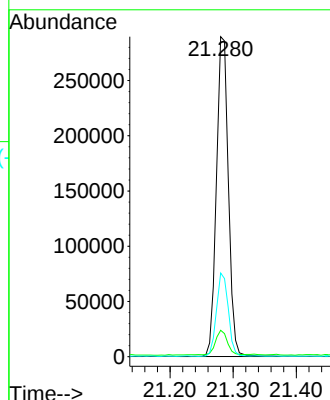
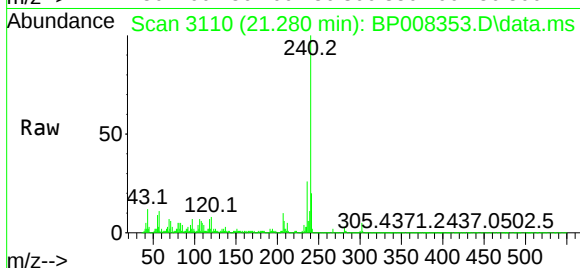
Tgt Ion:240 Resp: 379979

Ion Ratio Lower Upper

240 100

120 8.3 7.3 10.9

236 26.2 21.4 32.2



#78

Pyrene

Concen: Below Cal

RT: 19.551 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

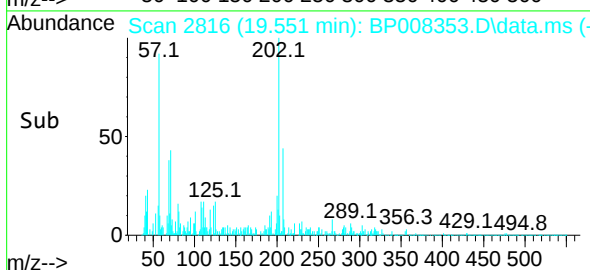
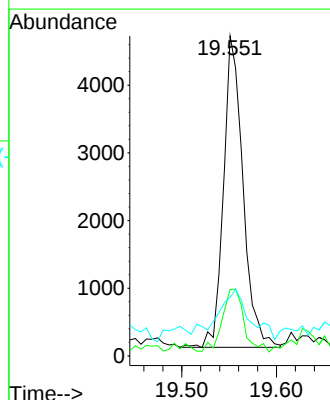
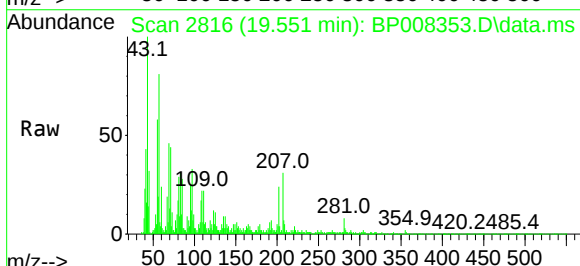
Tgt Ion:202 Resp: 6581

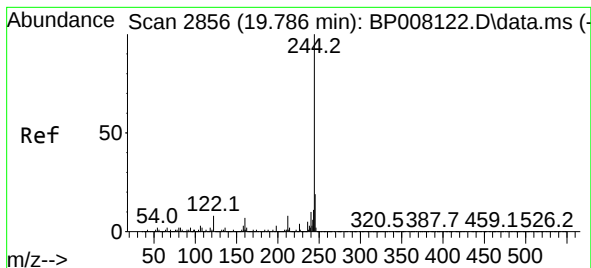
Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 18.3 14.2 21.2





#79

Terphenyl-d14

Concen: 49.516 ng

RT: 19.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

Instrument :

BNA_P

ClientSampleId :

WHITE-BROWN-CONCRETE-COMP

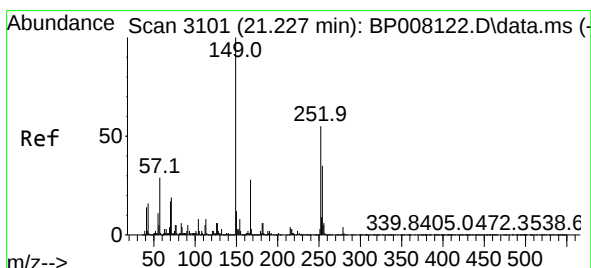
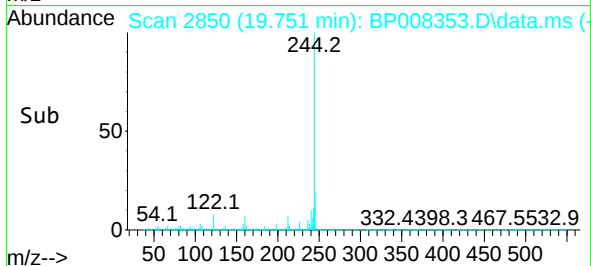
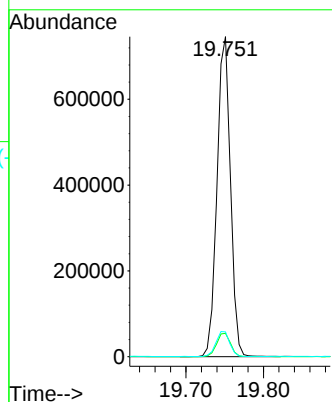
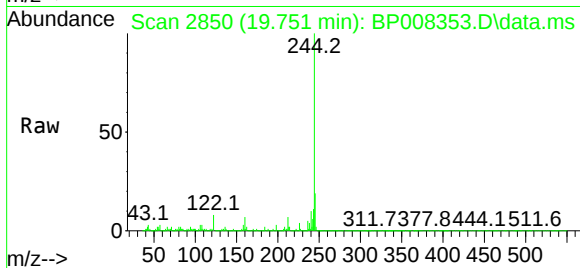
Tgt Ion:244 Resp: 900277

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.7 6.6 9.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.155 ng

RT: 21.198 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP008353.D

Acq: 10 Dec 2021 22:14

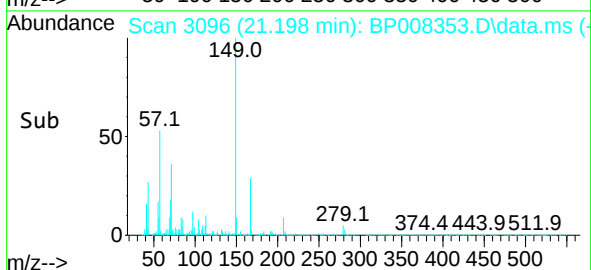
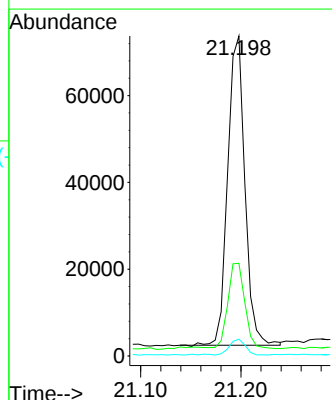
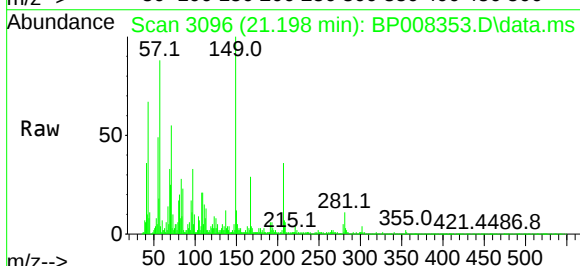
Tgt Ion:149 Resp: 84681

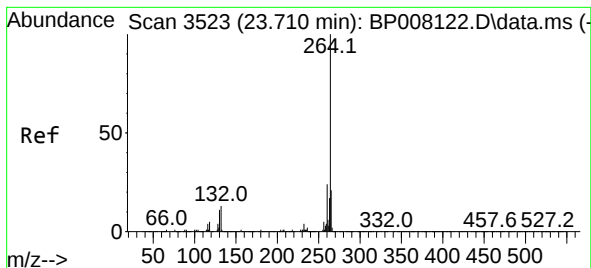
Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

279 5.3 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP008353.D

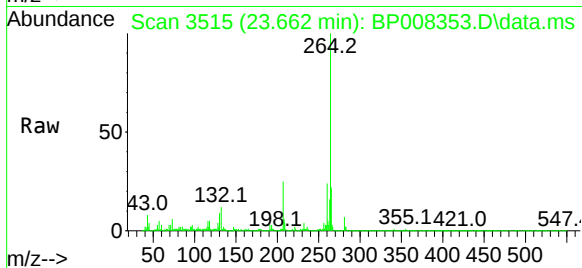
Acq: 10 Dec 2021 22:14

Instrument :

BNA_P

ClientSampleId :

WHITE-BROWN-CONCRETE-COMP



Tgt Ion:264 Resp: 414027

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.3 17.6 26.4

