

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
 Data File : BP008381.D
 Acq On : 13 Dec 2021 17:51
 Operator : CG/JU
 Sample : M4965-27RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 14 02:19:54 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)

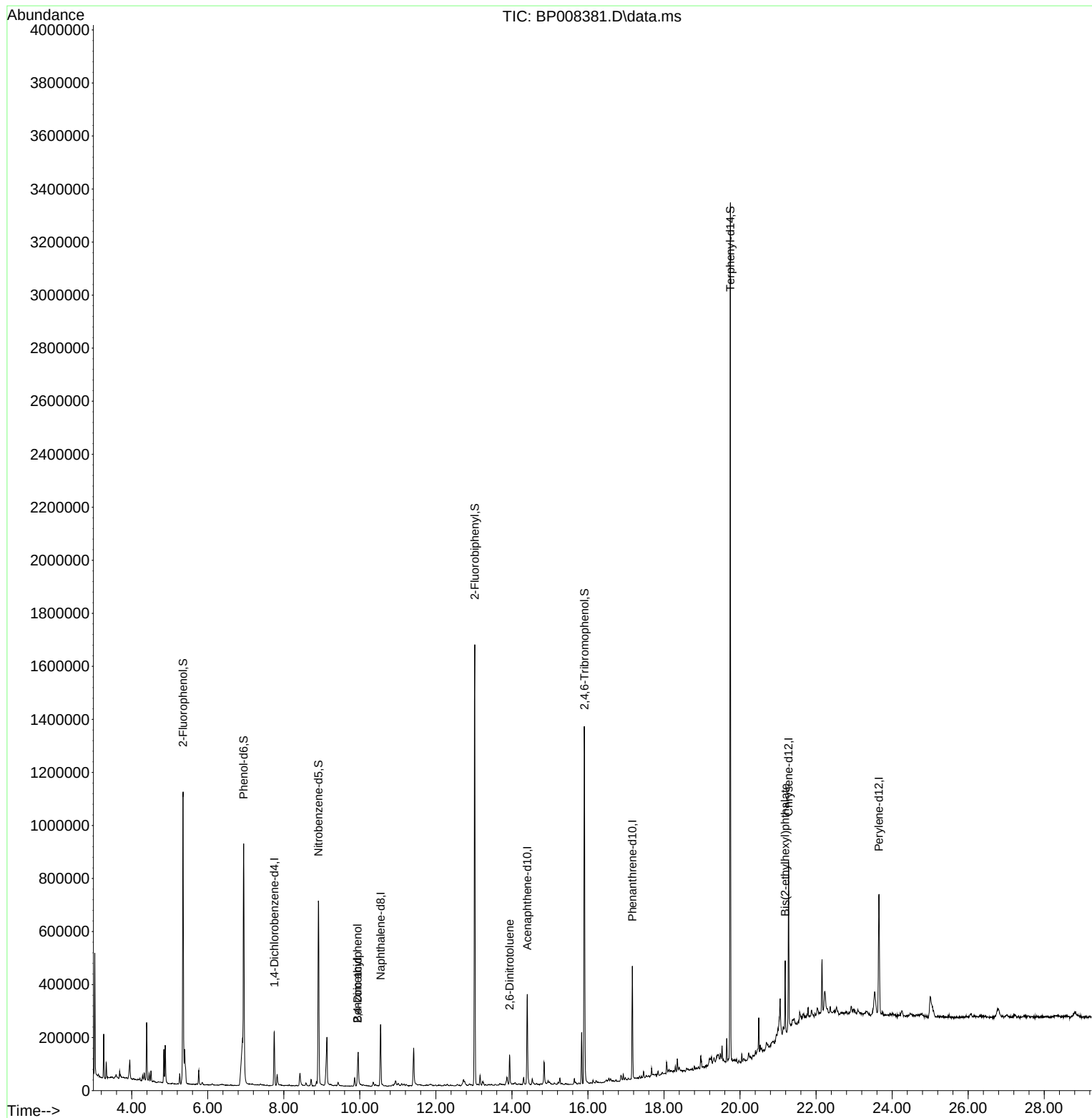
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	50951	20.000	ng	-0.01
21) Naphthalene-d8	10.546	136	177889	20.000	ng	-0.01
39) Acenaphthene-d10	14.404	164	115230	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	252086	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	304606	20.000	ng	-0.01
86) Perylene-d12	23.651	264	353613	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	431469	136.348	ng	0.00
7) Phenol-d6	6.946	99	489419	114.569	ng	0.00
23) Nitrobenzene-d5	8.910	82	411124	105.094	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	258091	175.234	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	806504	101.664	ng	-0.01
79) Terphenyl-d14	19.745	244	1445238	99.159	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.875	77	212	Below Cal	Qvalue #	19
27) 2,4-Dimethylphenol	9.940	122	5708	2.332 ng	#	1
32) Benzoic acid	9.940	122	5950	2.971 ng		89
51) 2,6-Dinitrotoluene	13.939	165	15595	8.684 ng	#	22
78) Pyrene	19.551	202	1177	Below Cal	#	86
84) Bis(2-ethylhexyl)phtha...	21.186	149	81429	6.183 ng	#	99

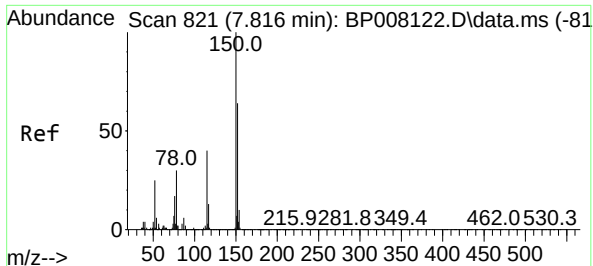
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

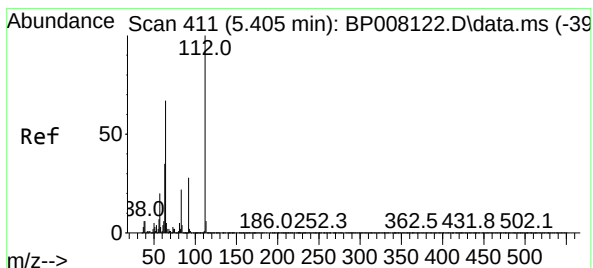
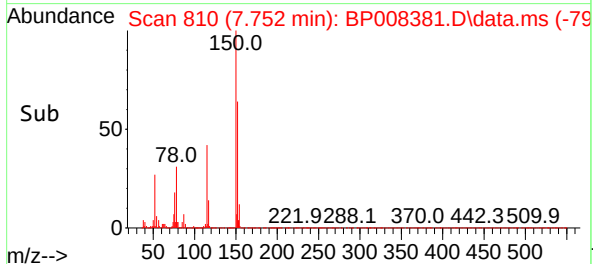
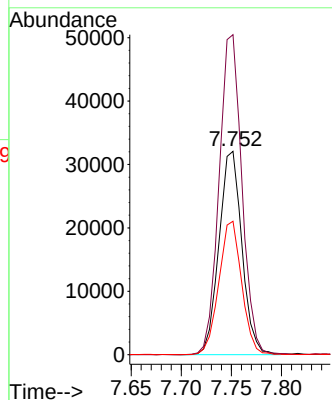
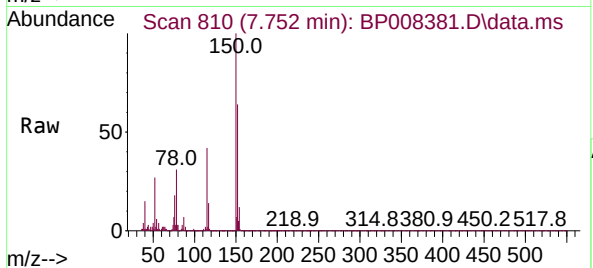




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

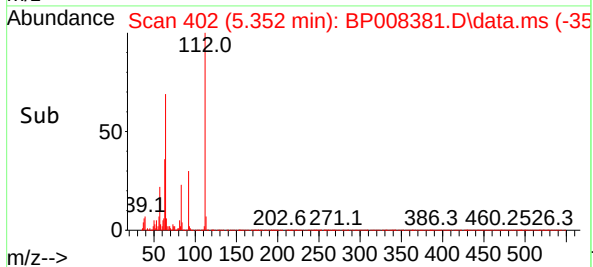
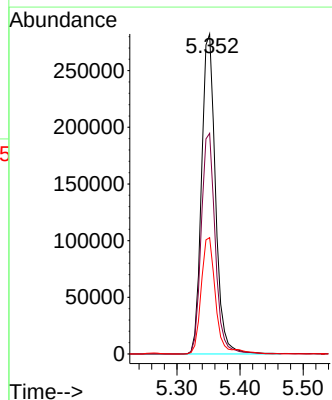
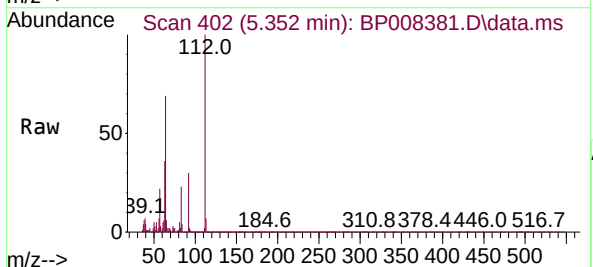
Instrument :
BNA_P
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WHITE-BROWN-CONCRETE-COMP

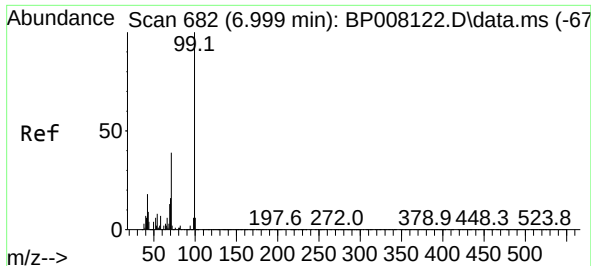
Tgt Ion:152 Resp: 50951
Ion Ratio Lower Upper
152 100
150 157.3 125.7 188.5
115 65.6 50.7 76.1



#5
2-Fluorophenol
Concen: 136.348 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion:112 Resp: 431469
Ion Ratio Lower Upper
112 100
64 69.0 53.4 80.2
63 36.3 27.8 41.8

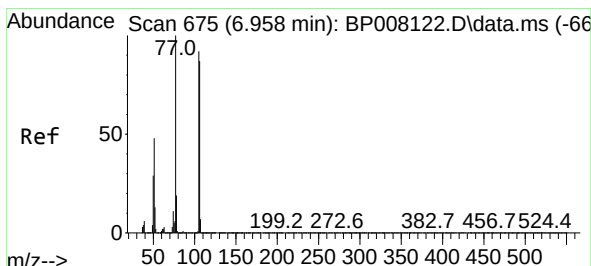
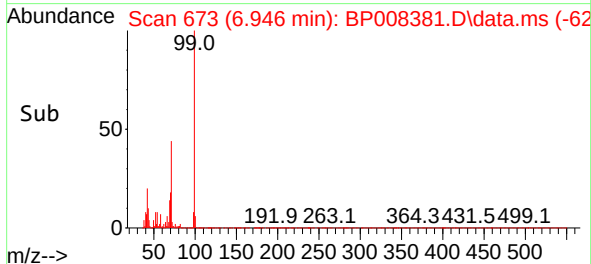
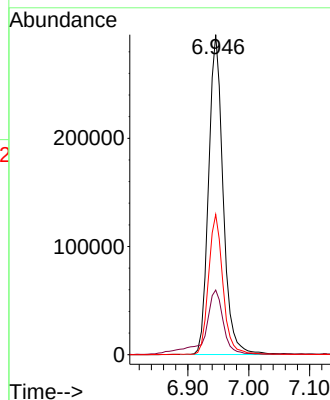
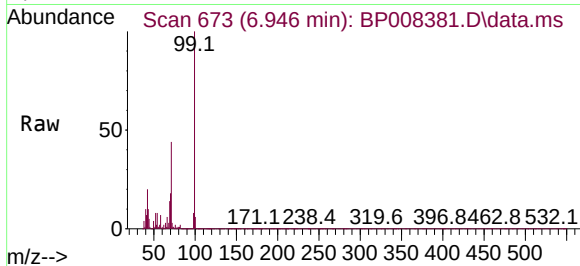




#7
Phenol-d6
Concen: 114.569 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

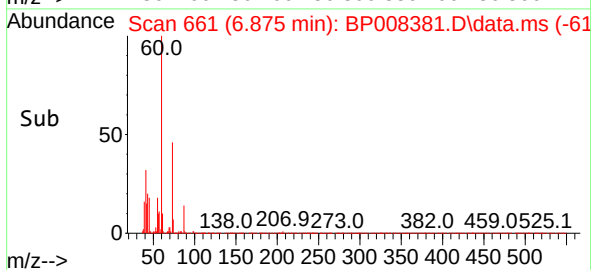
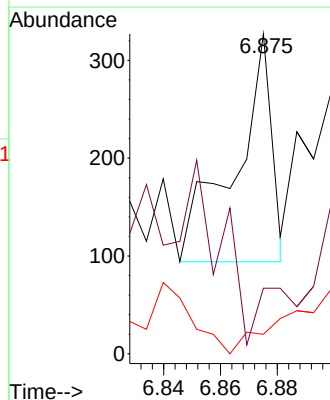
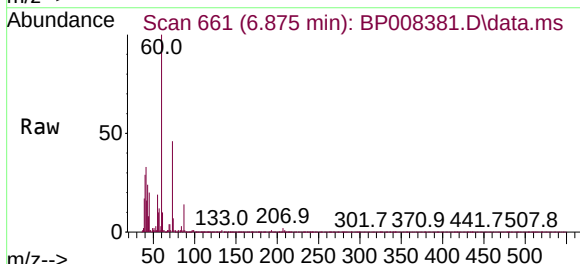
Instrument :
BNA_P
ClientSampleId :
WHITE-BROWN-CONCRETE-COMP

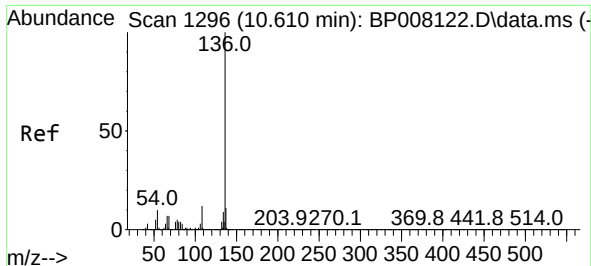
Tgt Ion: 99 Resp: 489419
Ion Ratio Lower Upper
99 100
42 20.2 14.6 22.0
71 43.8 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 661
Delta R.T. -0.035 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion: 77 Resp: 212
Ion Ratio Lower Upper
77 100
105 20.5 71.8 111.8#
106 6.1 67.3 107.3#

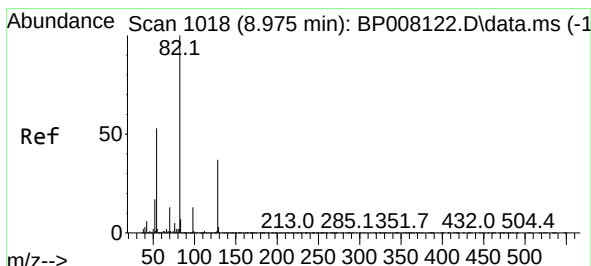
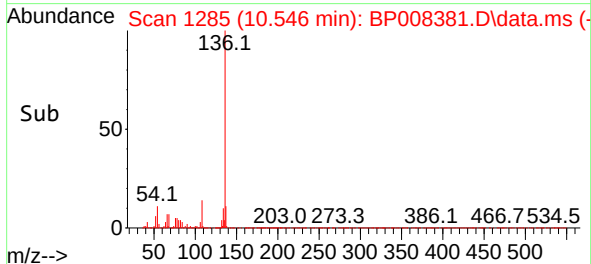
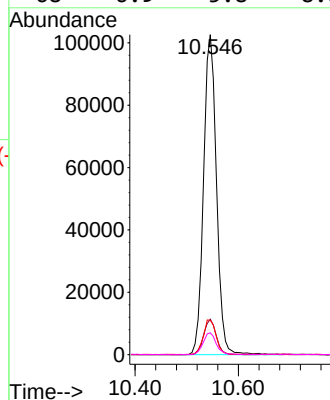
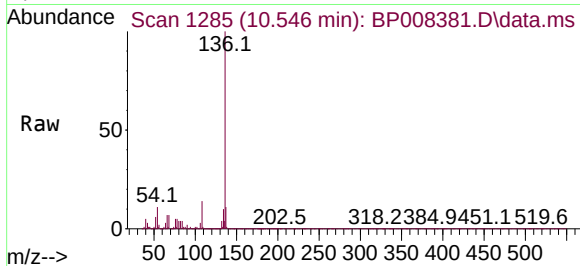




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

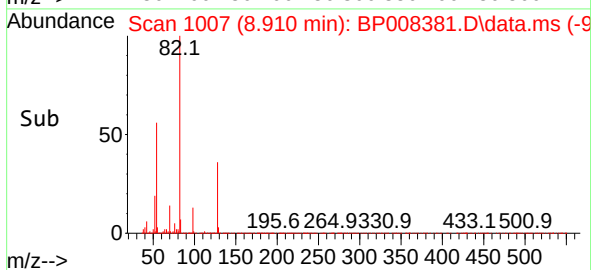
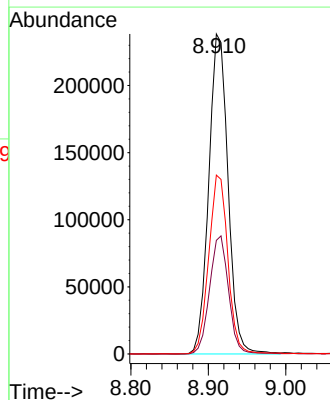
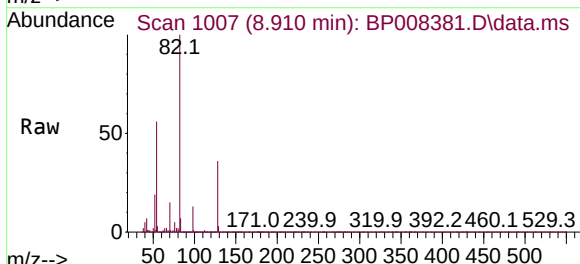
Instrument :
BNA_P
ClientSampleId :
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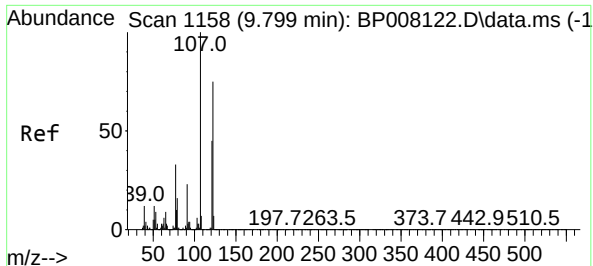
Tgt Ion:	136	Resp:	177889
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.7	8.2	12.4
68	6.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 105.094 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion:	82	Resp:	411124
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.6	44.4
54	55.9	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 2.332 ng

RT: 9.940 min Scan# 1182

Delta R.T. 0.188 min

Lab File: BP008381.D

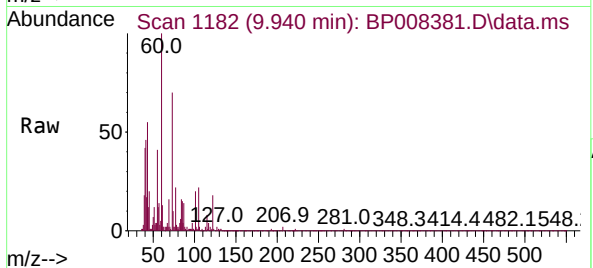
Acq: 13 Dec 2021 17:51

Instrument :

BNA_P

ClientSampleId :

WHITE-BROWN-CONCRETE-COMP



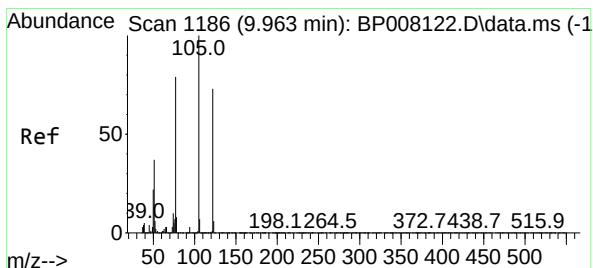
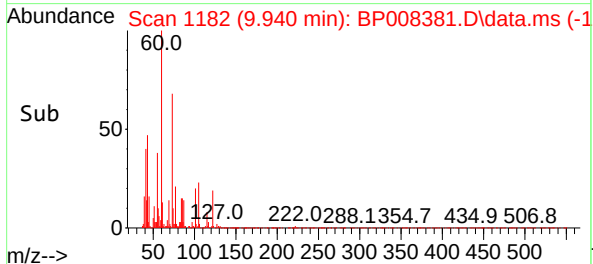
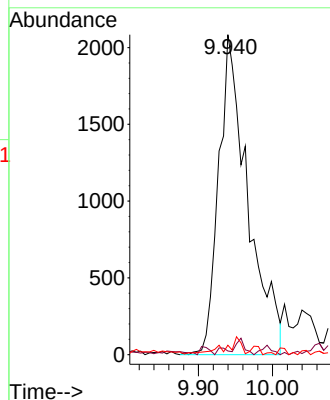
Tgt Ion:122 Resp: 5708

Ion Ratio Lower Upper

122 100

107 1.2 106.6 160.0#

121 2.9 48.1 72.1#



#32

Benzoic acid

Concen: 2.971 ng

RT: 9.940 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BP008381.D

Acq: 13 Dec 2021 17:51

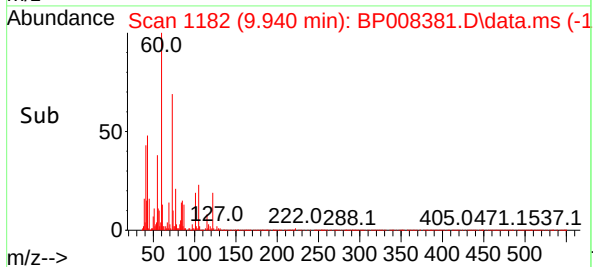
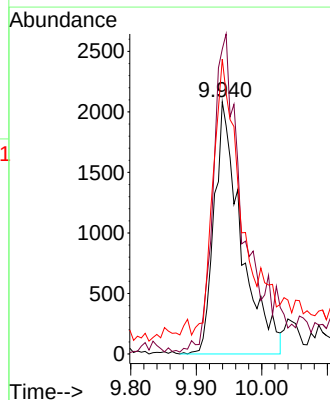
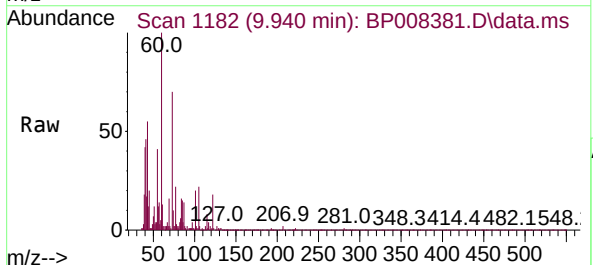
Tgt Ion:122 Resp: 5950

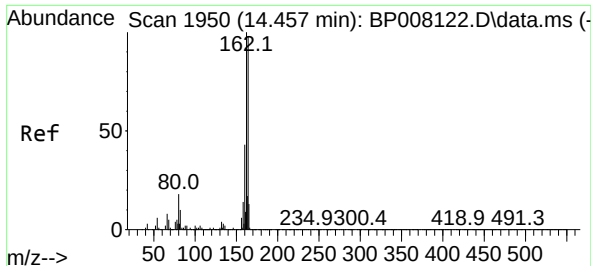
Ion Ratio Lower Upper

122 100

105 120.8 117.4 157.4

77 116.9 89.2 129.2

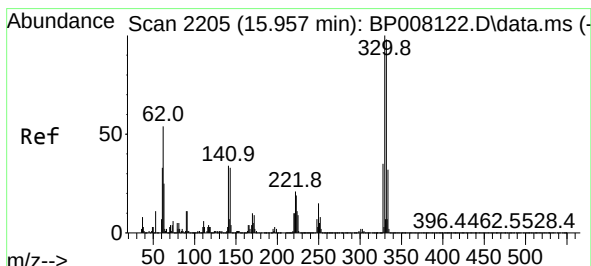
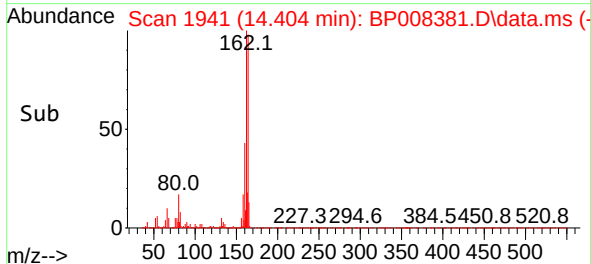
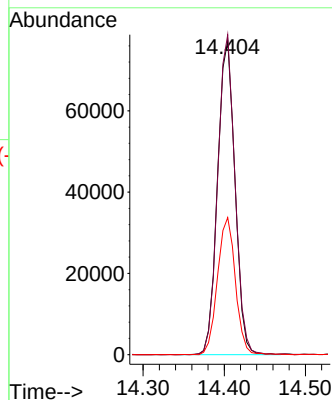
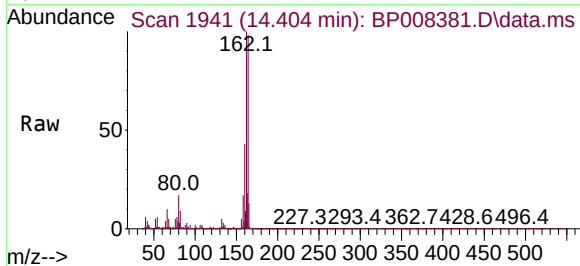




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

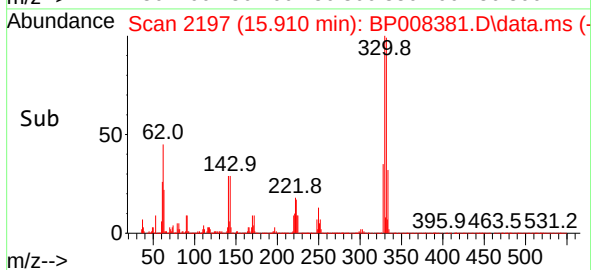
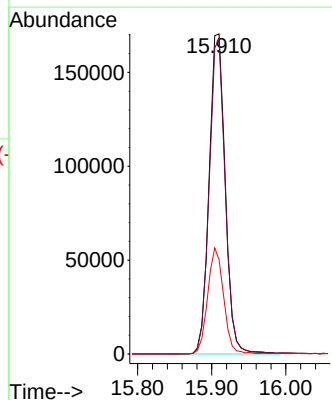
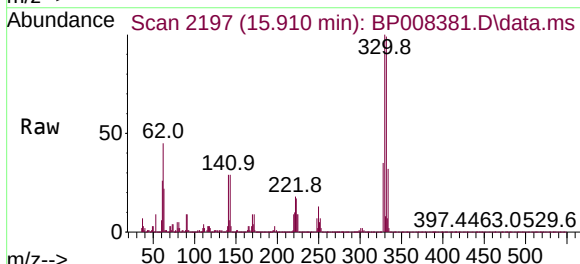
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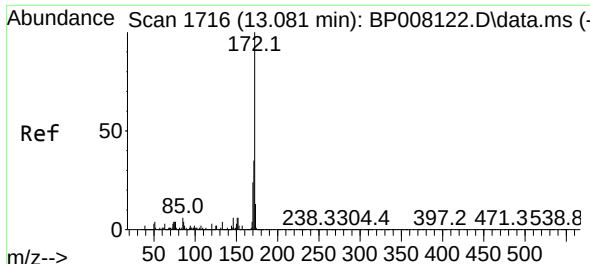
Tgt Ion:164 Resp: 115230
Ion Ratio Lower Upper
164 100
162 101.8 81.9 122.9
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 175.234 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion:330 Resp: 258091
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 32.6 28.4 42.6

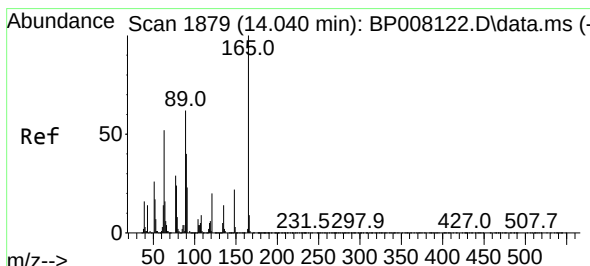
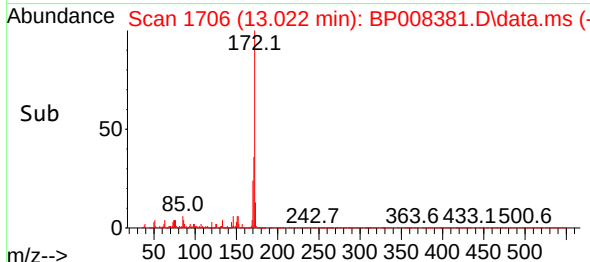
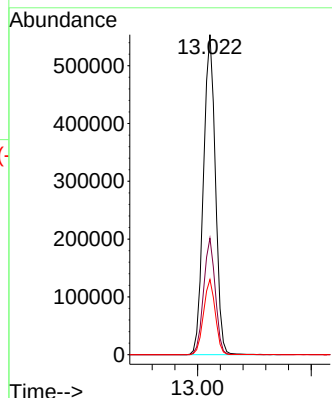
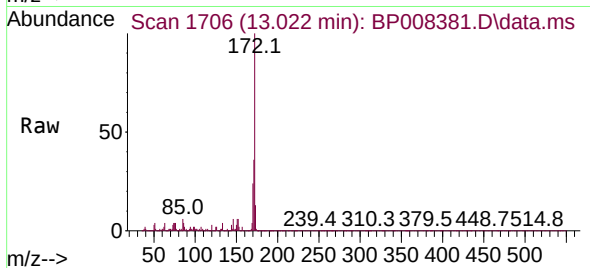




#45
2-Fluorobiphenyl
Concen: 101.664 ng
RT: 13.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

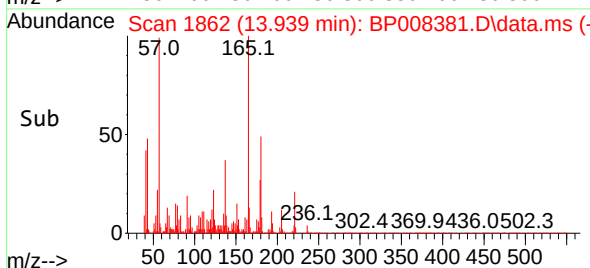
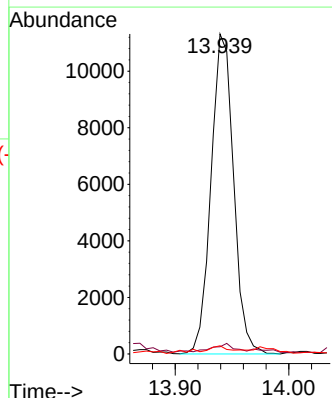
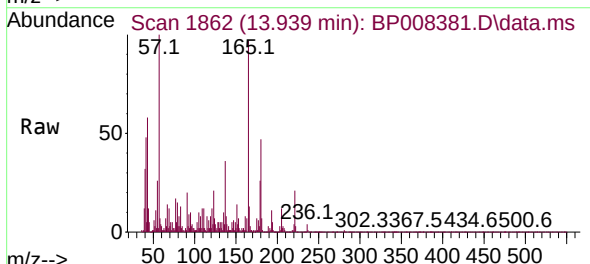
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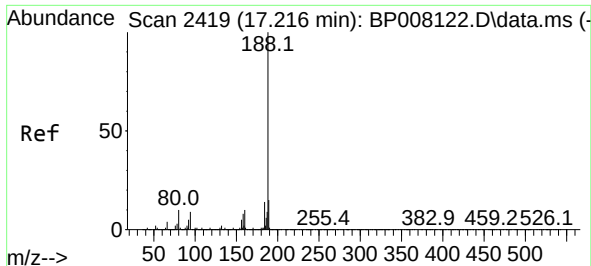
Tgt Ion:172 Resp: 806504
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.065 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion:165 Resp: 15595
Ion Ratio Lower Upper
165 100
63 2.3 50.8 76.2#
89 2.6 50.0 75.0#

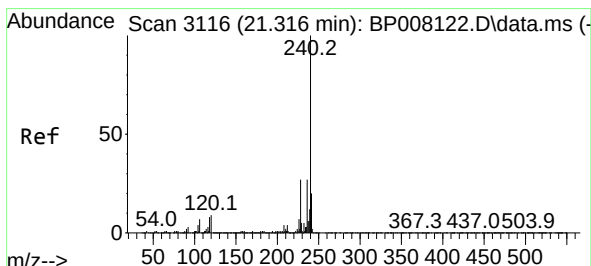
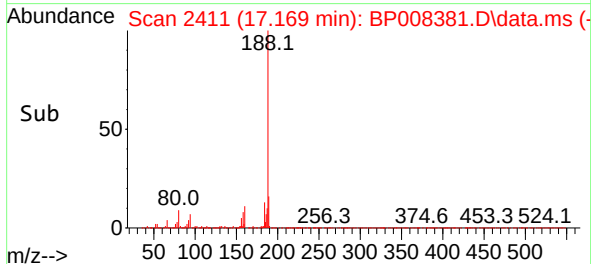
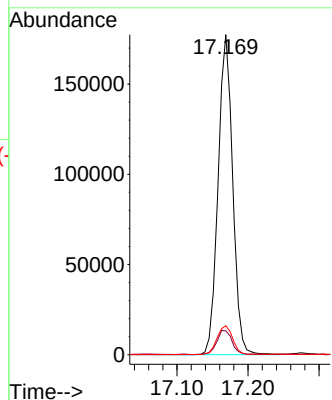
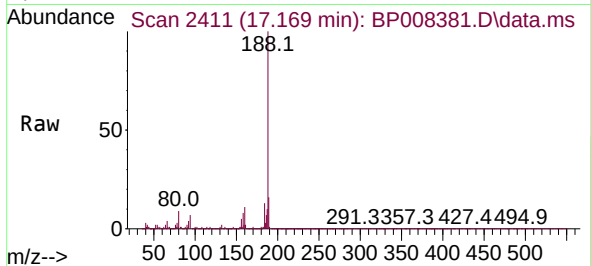




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

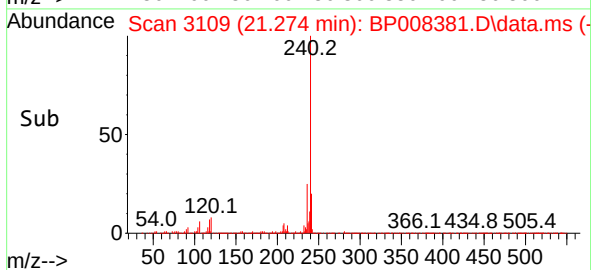
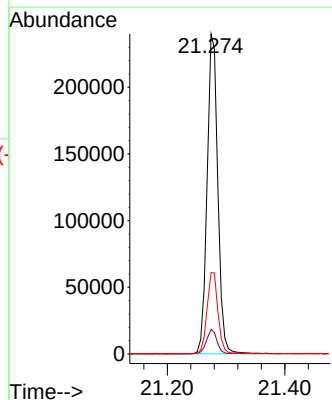
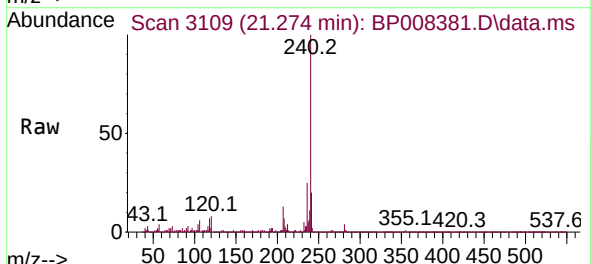
Instrument :
BNA_P
ClientSampleId :
WHITE-BROWN-CONCRETE-COMP

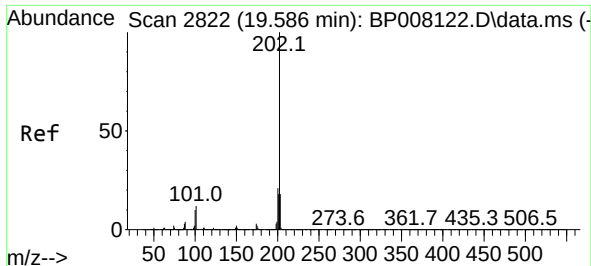
Tgt Ion:188 Resp: 252086
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion:240 Resp: 304606
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.4 21.4 32.2

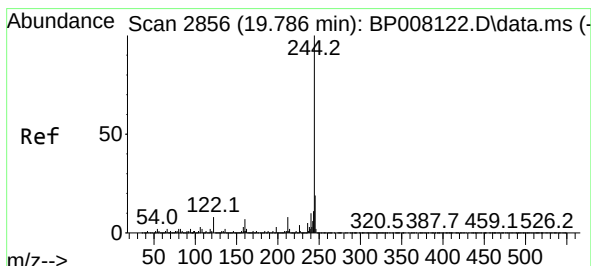
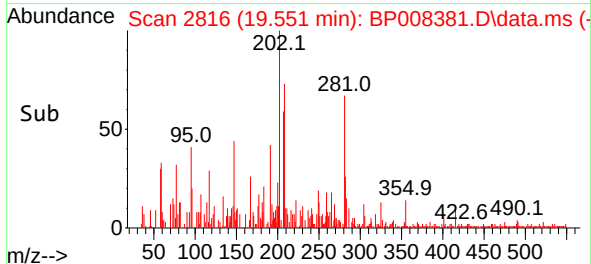
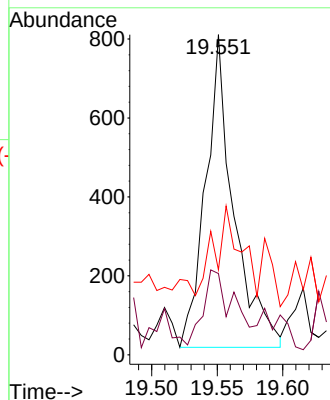
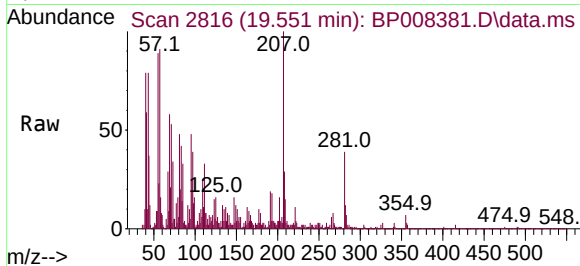




#78
Pyrene
Concen: Below Cal
RT: 19.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

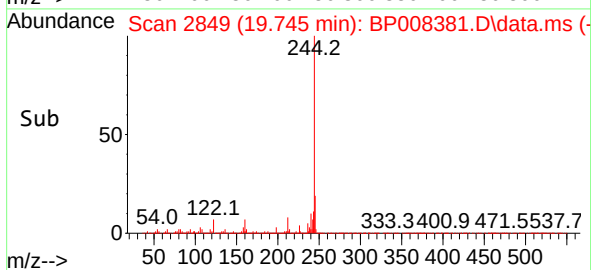
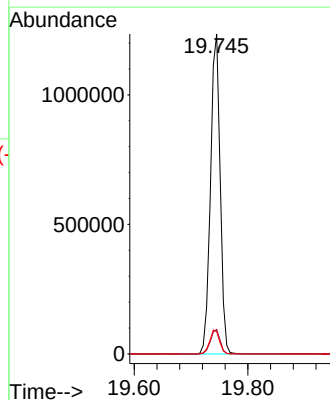
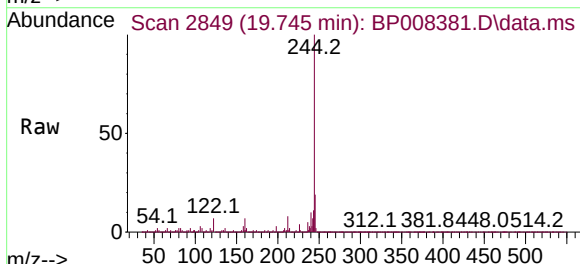
Instrument :
BNA_P
ClientSampleId :
WHITE-BROWN-CONCRETE-COMP

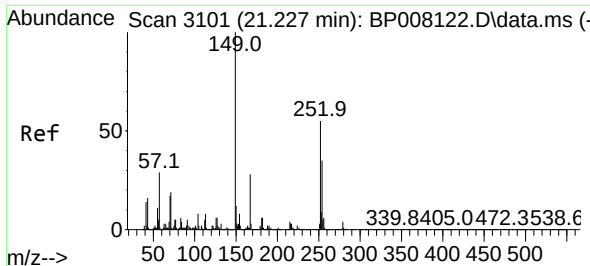
Tgt Ion:202 Resp: 1177
Ion Ratio Lower Upper
202 100
200 25.4 17.1 25.7
203 26.5 14.2 21.2#



#79
Terphenyl-d14
Concen: 99.159 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BP008381.D
Acq: 13 Dec 2021 17:51

Tgt Ion:244 Resp: 1445238
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.0 6.6 9.8

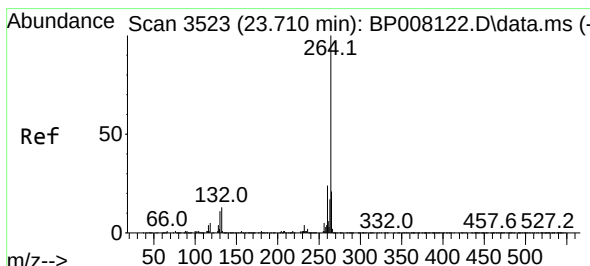
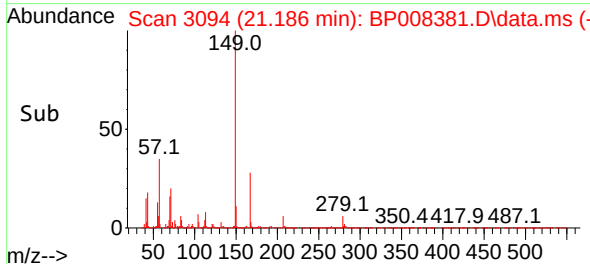
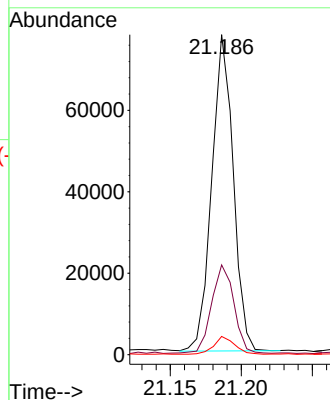
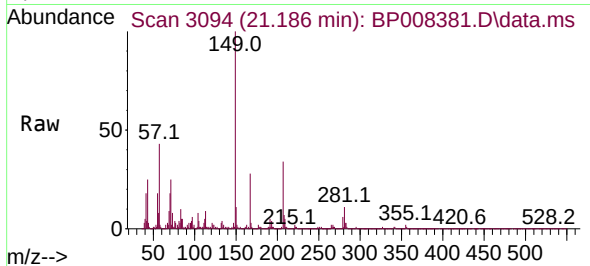




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.183 ng
 RT: 21.186 min Scan# 3094
 Delta R.T. -0.012 min
 Lab File: BP008381.D
 Acq: 13 Dec 2021 17:51

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

Tgt Ion:	149	Resp:	81429
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.5	33.7
279	5.7	3.5	5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.651 min Scan# 3513
 Delta R.T. -0.024 min
 Lab File: BP008381.D
 Acq: 13 Dec 2021 17:51

Tgt Ion:	264	Resp:	353613
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	22.4	17.6	26.4

