

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008065.D
 Acq On : 20 Nov 2021 19:24
 Operator : CG/JU
 Sample : M4724-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TOP-WEST-CORE-CONCRETE-PANEL

Quant Time: Nov 22 05:33:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

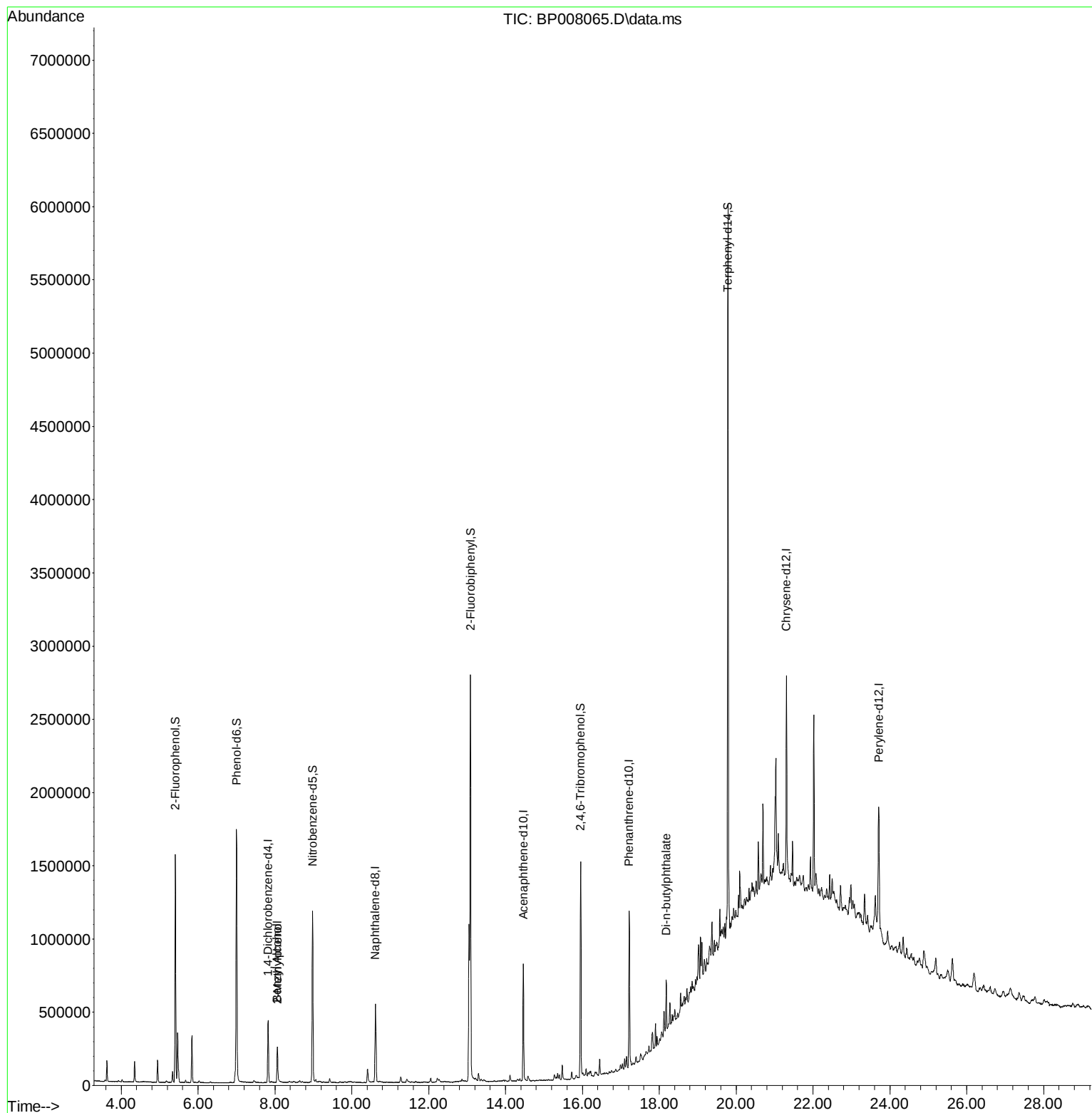
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	110501	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	417425	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	275340	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	628594	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	663519	20.00	ng	-0.01
86) Perylene-d12	23.710	264	722888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	595904	92.18	ng	0.00
7) Phenol-d6	6.999	99	939511	104.84	ng	-0.01
23) Nitrobenzene-d5	8.981	82	687303	74.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	265978	76.33	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1410280	80.20	ng	0.00
79) Terphenyl-d14	19.786	244	2364235	70.05	ng	-0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.063	79	93408	12.07	ng	96
17) 2-Methylphenol	8.069	107	44659	7.06	ng	# 14
58) Fluorene	15.504	166	174	Below Cal	#	73
61) 4-Chlorophenyl-phenyle...	15.510	204	65	Below Cal	#	1
74) Di-n-butylphthalate	18.181	149	257842	6.95	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	1233	Below Cal	#	58

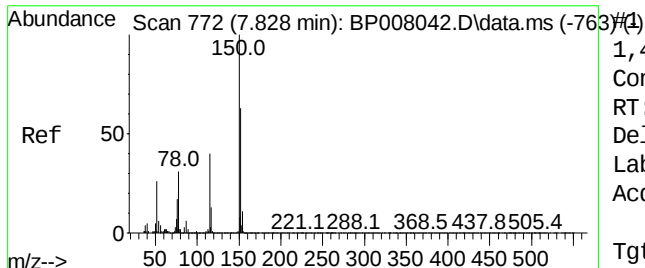
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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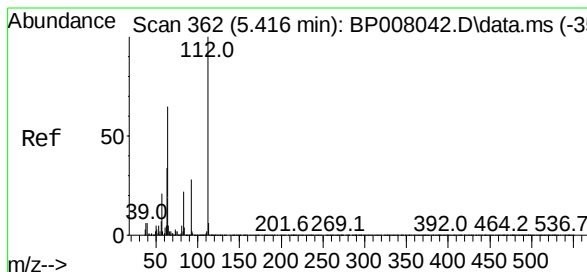
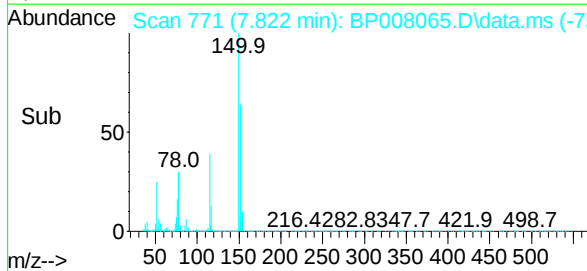
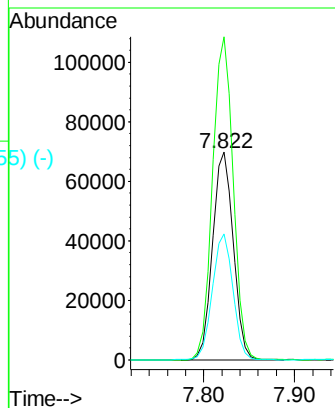
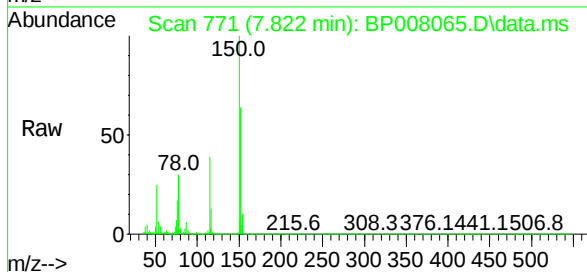




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

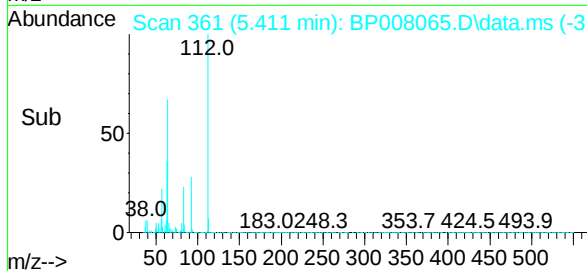
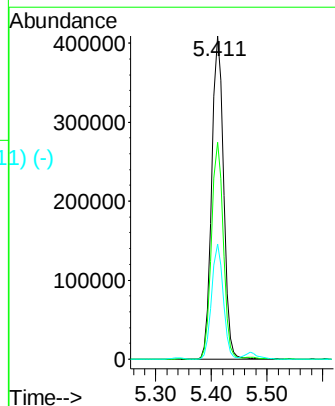
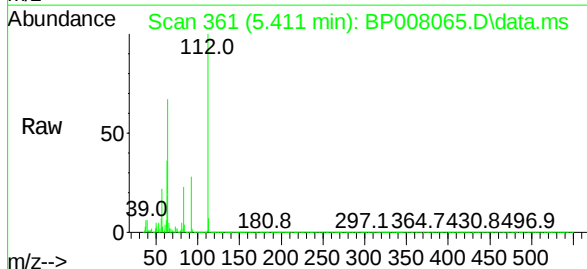
Instrument :
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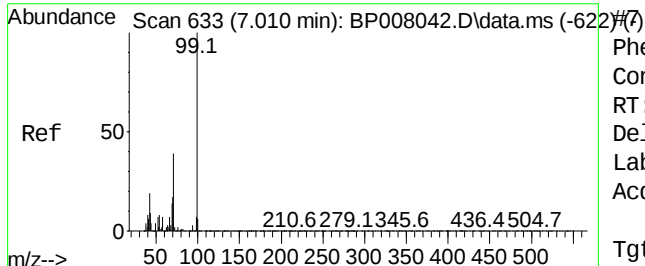
Tgt Ion:152 Resp: 110501
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.5 189.7
 115 60.6 50.6 75.8



2-Fluorophenol
 Concen: 92.18 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

Tgt Ion:112 Resp: 595904
 Ion Ratio Lower Upper
 112 100
 64 67.1 51.7 77.5
 63 35.6 27.4 41.0

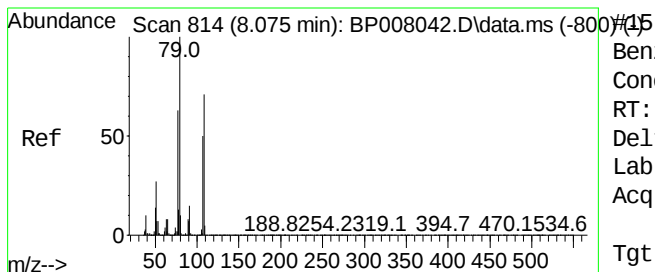
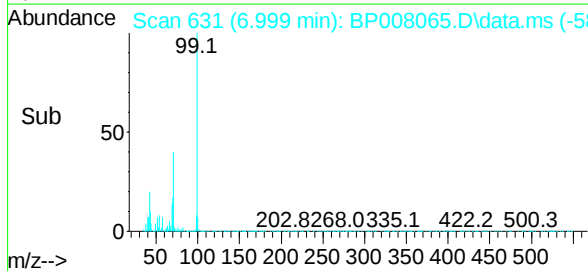
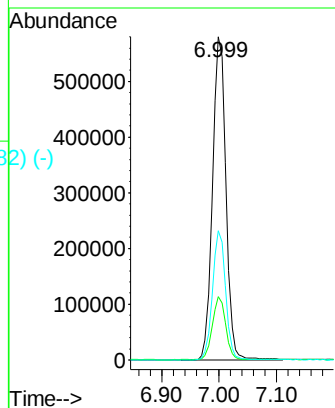
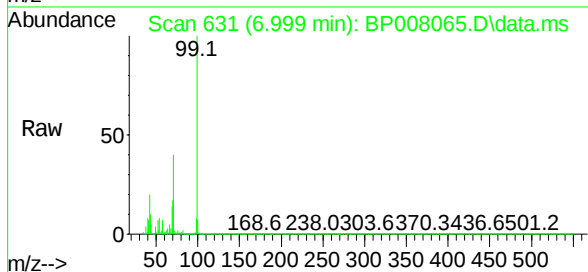




Phenol-d6
 Concen: 104.84 ng
 RT: 6.999 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

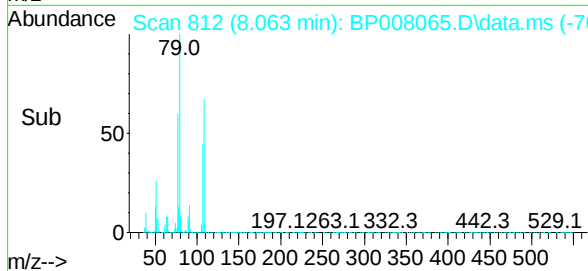
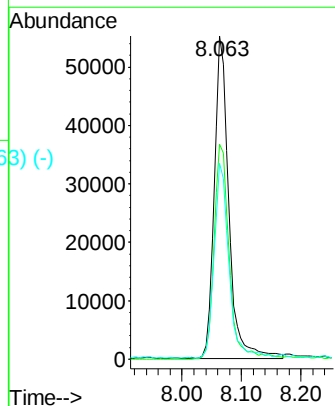
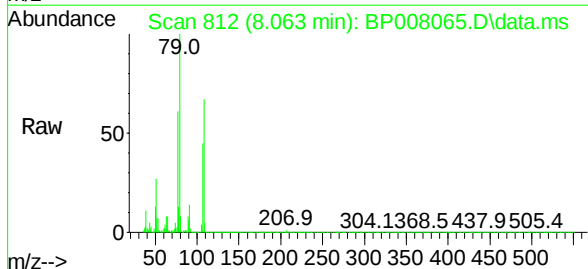
Instrument :
 BNA_P
 ClientSampleId :
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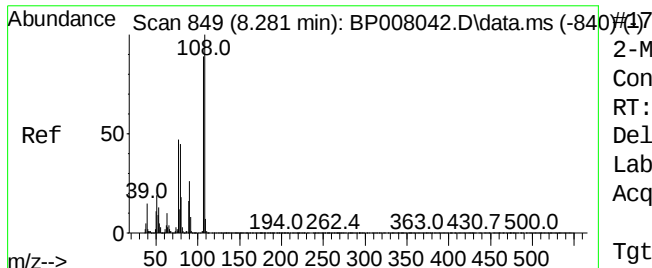
Tgt Ion:	99	Resp:	939511
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.4	23.2
71	40.0	31.0	46.6



Benzyl Alcohol
 Concen: 12.07 ng
 RT: 8.063 min Scan# 812
 Delta R.T. -0.012 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

Tgt Ion:	79	Resp:	93408
Ion	Ratio	Lower	Upper
79	100		
108	66.6	56.6	85.0
77	60.7	50.8	76.2





2-Methylphenol

Concen: 7.06 ng

RT: 8.069 min Scan# 813

Delta R.T. -0.211 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

Instrument :

BNA_P

ClientSampleId :

TOP-WEST-CORE-CONCRETE-PANEL

Tgt Ion:107 Resp: 44659

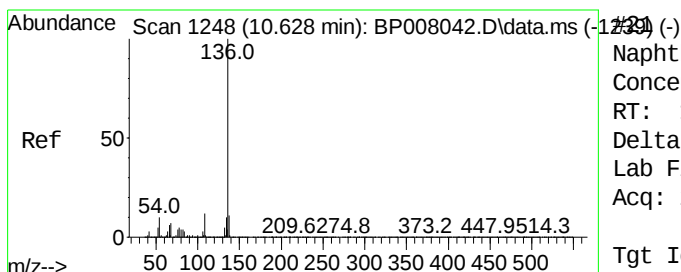
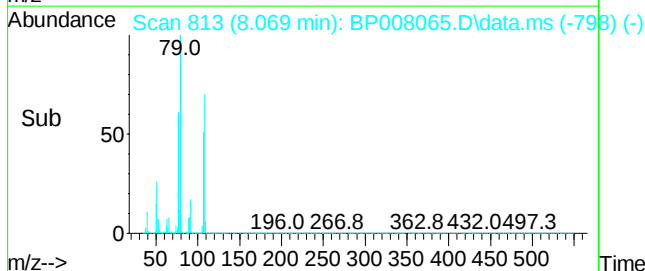
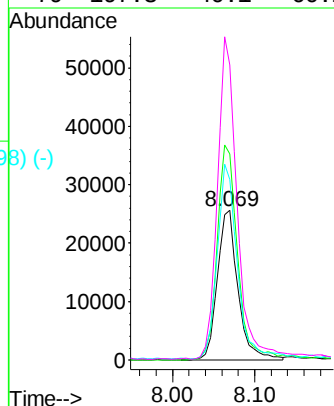
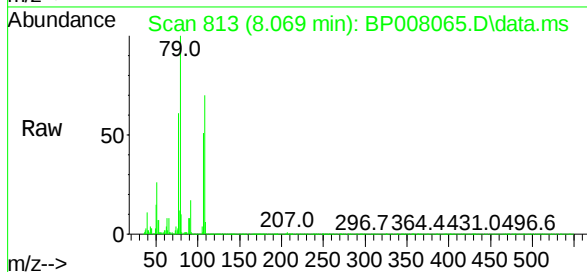
Ion Ratio Lower Upper

107 100

108 137.9 89.6 134.4#

77 120.9 41.8 62.6#

79 197.3 40.1 60.1#



Naphthalene-d8

Concen: 20.00 ng

RT: 10.616 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

Tgt Ion:136 Resp: 417425

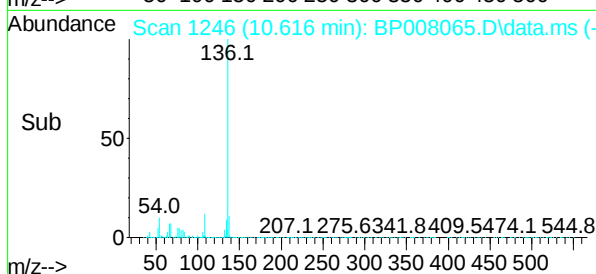
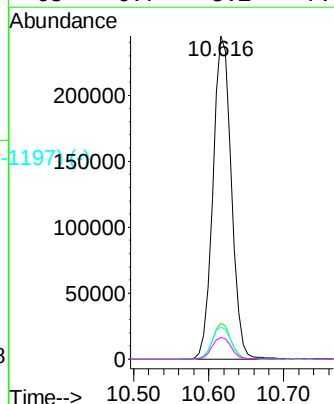
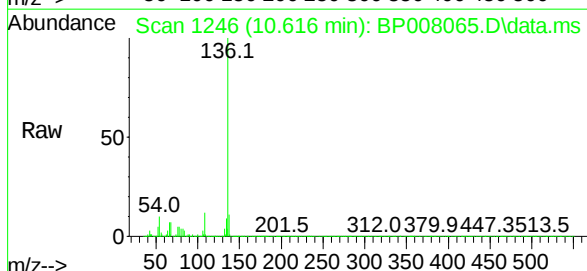
Ion Ratio Lower Upper

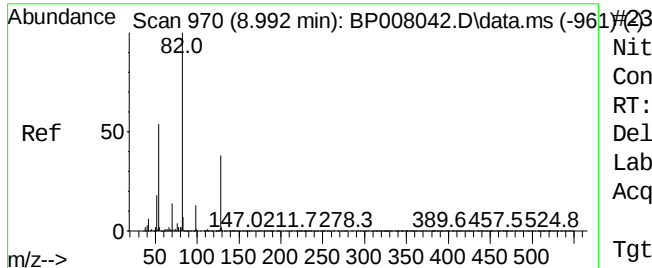
136 100

137 11.1 8.7 13.1

54 9.9 8.0 12.0

68 6.7 5.2 7.8





Nitrobenzene-d5

Concen: 74.69 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

Instrument :

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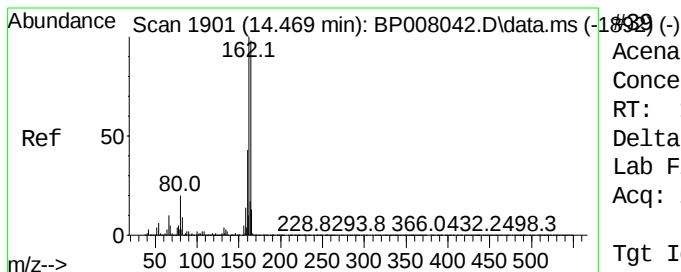
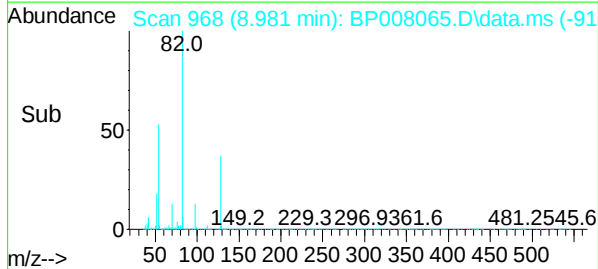
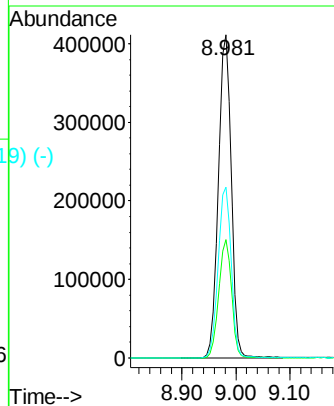
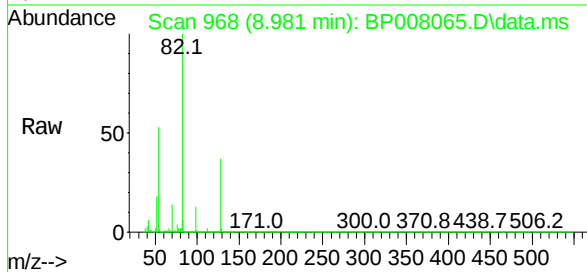
Tgt Ion: 82 Resp: 687303

Ion Ratio Lower Upper

82 100

128 36.5 30.2 45.2

54 53.0 43.1 64.7



Acenaphthene-d10

Concen: 20.00 ng

RT: 14.463 min Scan# 1900

Delta R.T. -0.006 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

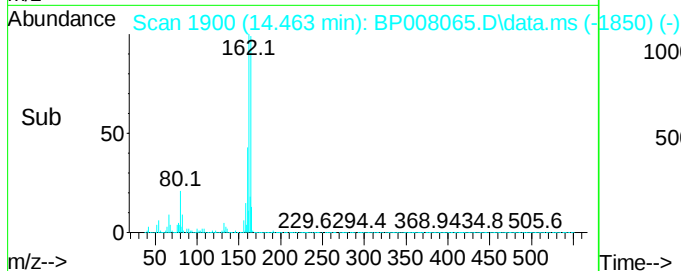
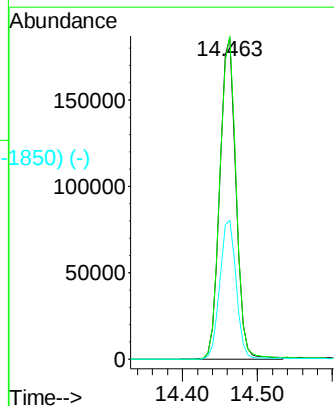
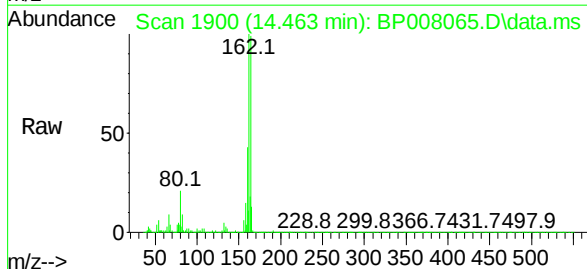
Tgt Ion:164 Resp: 275340

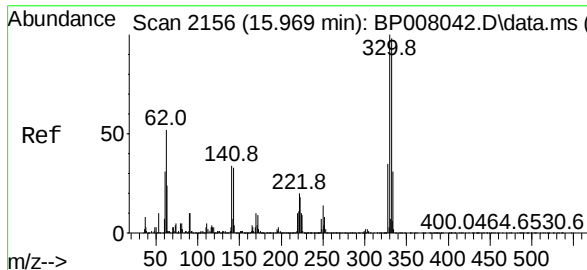
Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.8

160 43.1 35.1 52.7

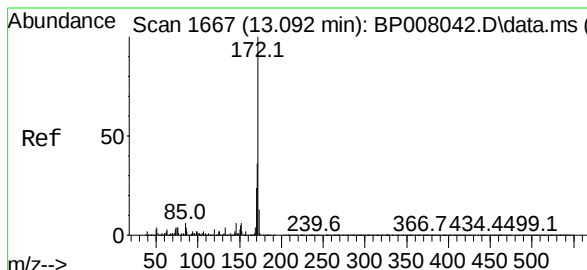
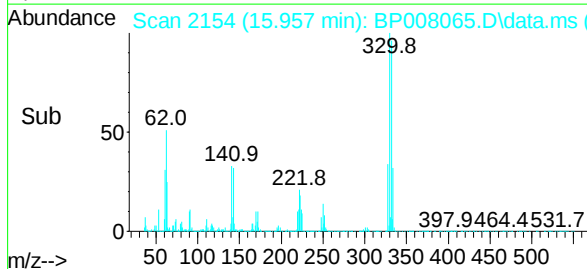
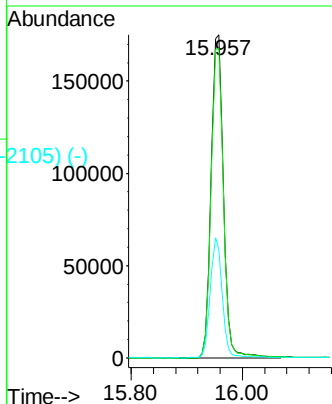
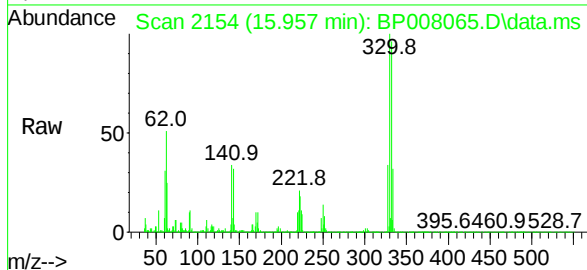




2,4,6-Tribromophenol
Concen: 76.33 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008065.D
Acq: 20 Nov 2021 19:24

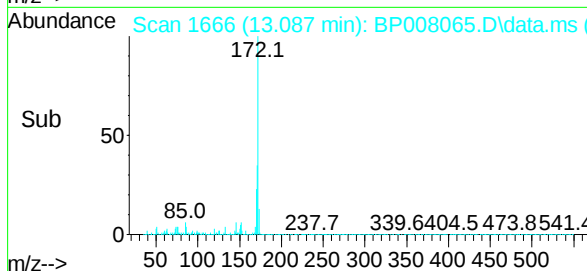
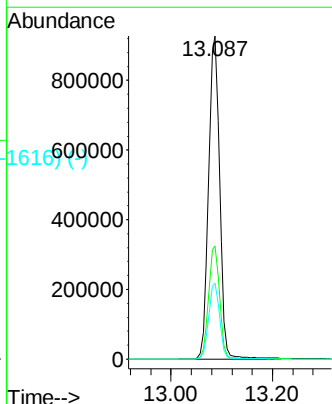
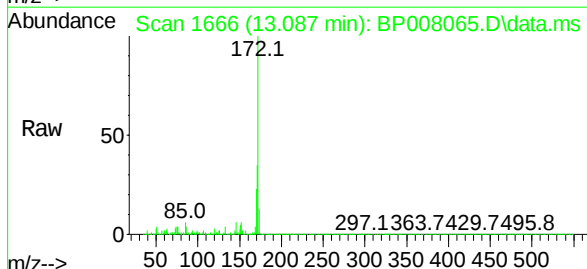
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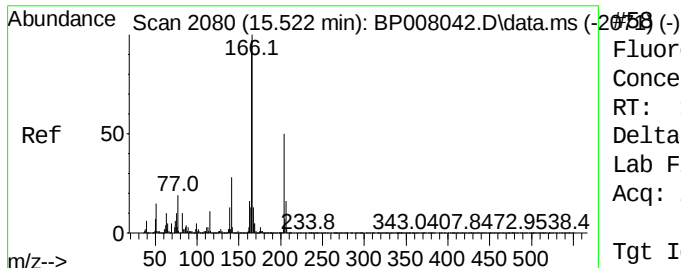
Tgt Ion:330 Resp: 265978
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 35.9 29.6 44.4



2-Fluorobiphenyl
Concen: 80.20 ng
RT: 13.087 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BP008065.D
Acq: 20 Nov 2021 19:24

Tgt Ion:172 Resp: 1410280
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.5 19.0 28.4





Fluorene

Concen: Below Cal

RT: 15.504 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

Instrument :

BNA_P

ClientSampleId :

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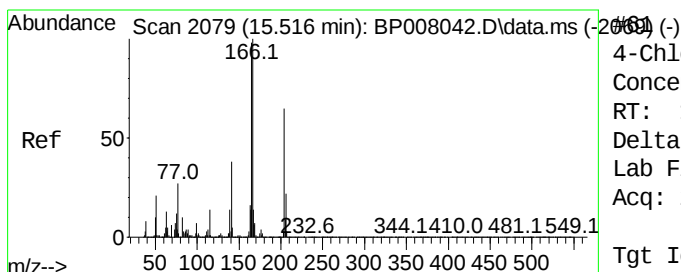
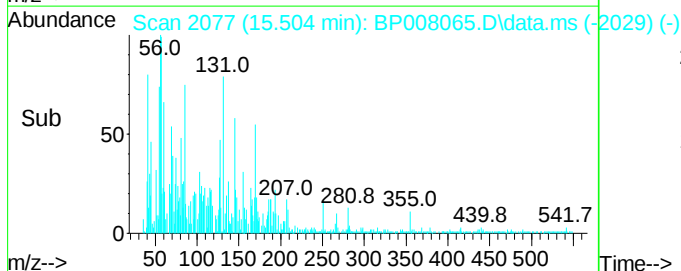
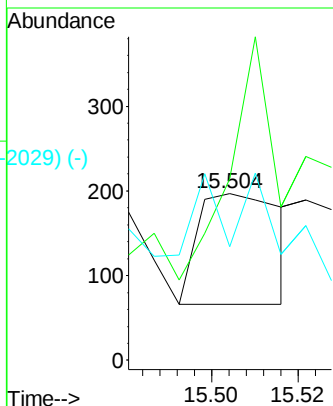
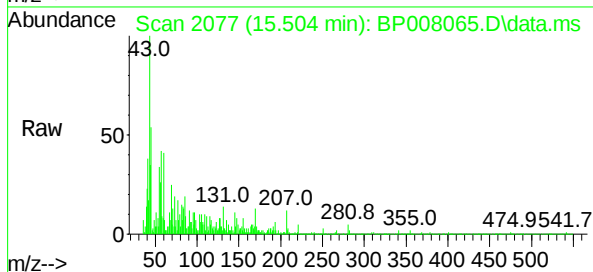
Tgt Ion:166 Resp: 174

Ion Ratio Lower Upper

166 100

165 108.6 77.4 116.0

167 68.0 10.7 16.1#



4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.510 min Scan# 2078

Delta R.T. -0.006 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

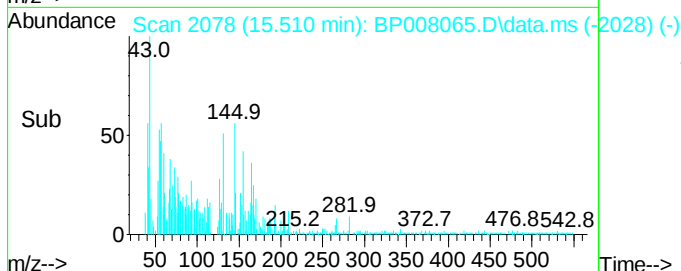
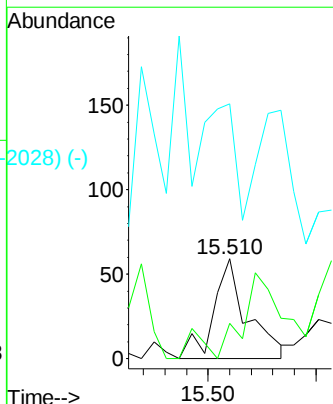
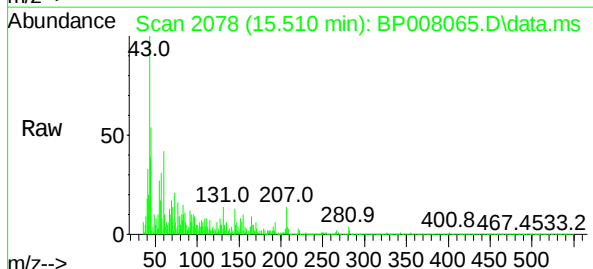
Tgt Ion:204 Resp: 65

Ion Ratio Lower Upper

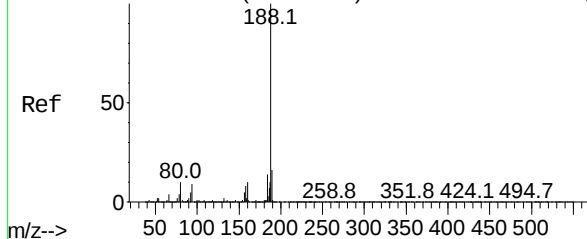
204 100

206 35.6 27.3 40.9

141 255.9 46.7 70.1#



Abundance Scan 2370 (17.227 min): BP008042.D\data.ms (-2369) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.216 min Scan# 2368

Delta R.T. -0.011 min

Lab File: BP008065.D

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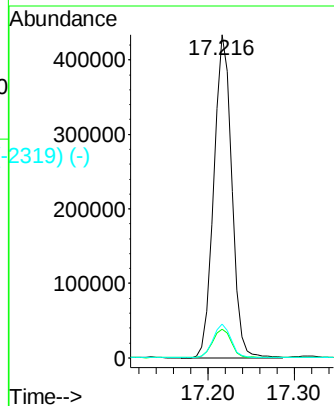
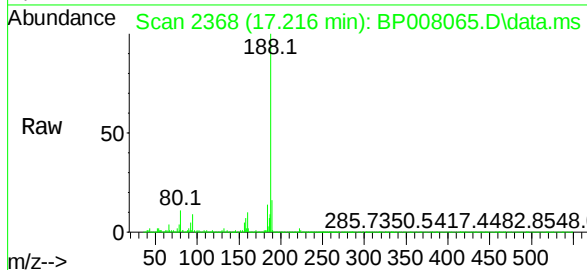
Tgt Ion:188 Resp: 628594

Ion Ratio Lower Upper

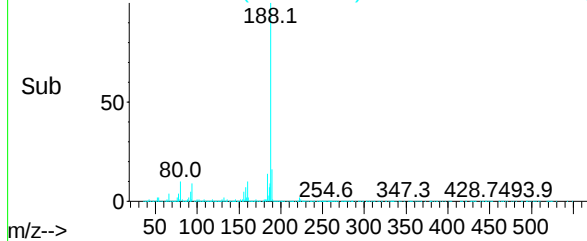
188 100

94 9.0 7.1 10.7

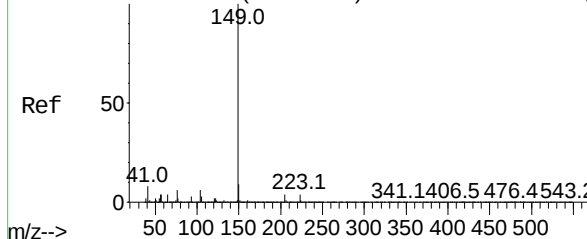
80 10.6 8.1 12.1



Abundance Scan 2368 (17.216 min): BP008065.D\data.ms (-2319) (-)



Abundance Scan 2534 (18.192 min): BP008042.D\data.ms (-2527) (-)



Di-n-butylphthalate

Concen: 6.95 ng

RT: 18.181 min Scan# 2532

Delta R.T. -0.011 min

Lab File: BP008065.D

Acq: 20 Nov 2021 19:24

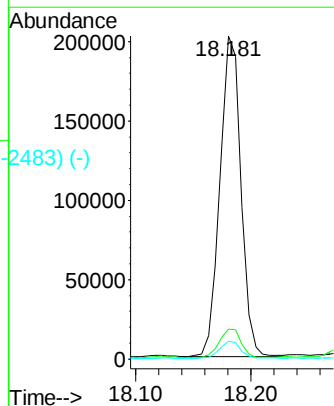
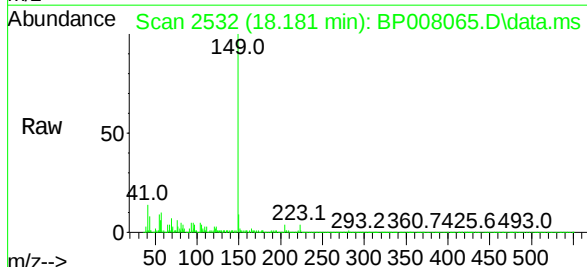
Tgt Ion:149 Resp: 257842

Ion Ratio Lower Upper

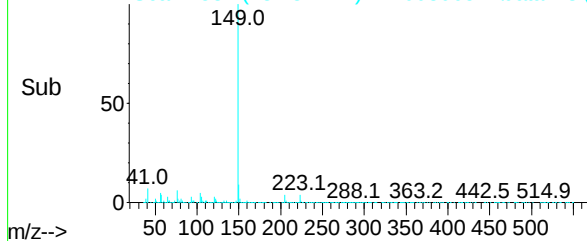
149 100

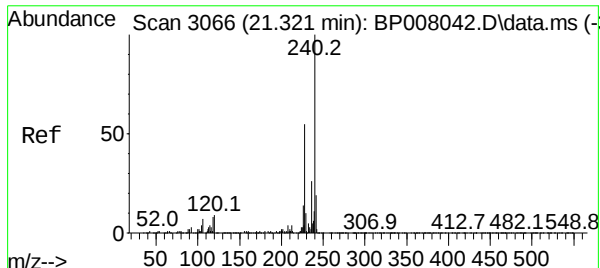
150 9.3 7.4 11.2

104 5.5 4.5 6.7



Abundance Scan 2532 (18.181 min): BP008065.D\data.ms (-2483) (-)

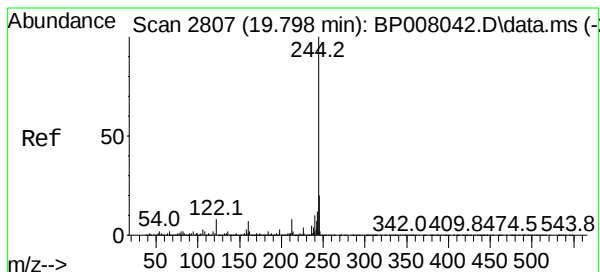
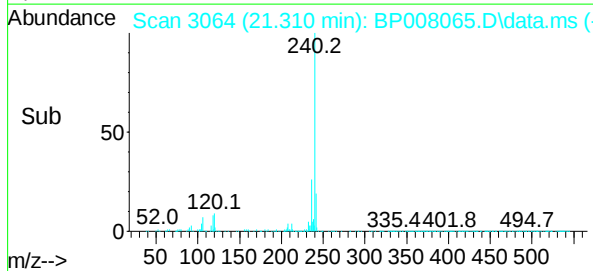
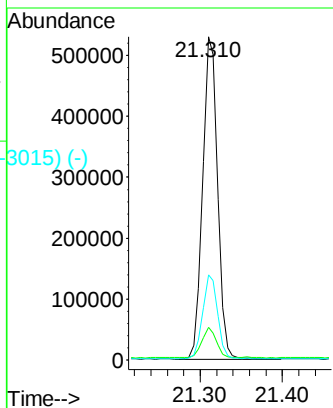
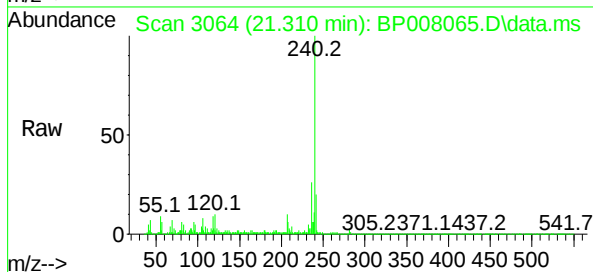




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.310 min Scan# 3065
 Delta R.T. -0.011 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

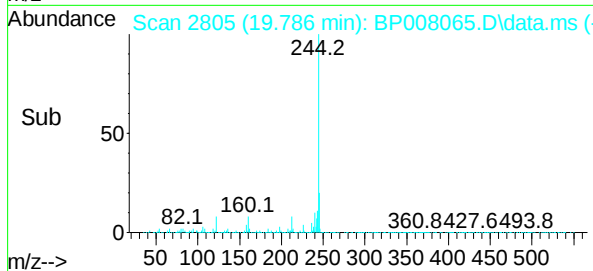
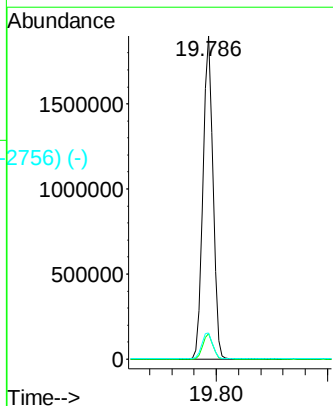
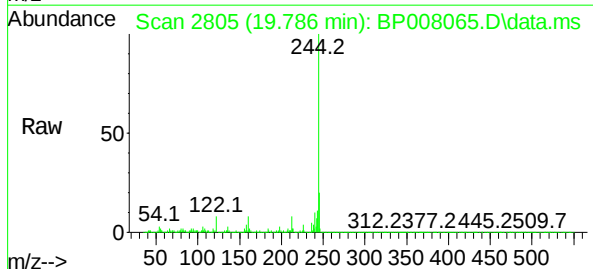
Instrument :
 BNA_P
 ClientSampleId :
 TOP-WEST-CORE-CONCRETE-PANEL

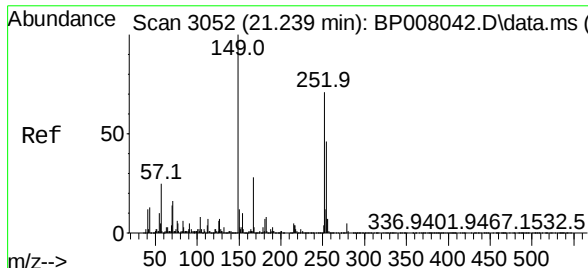
Tgt Ion:	240	Resp:	663519
Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.4	11.2
236	26.4	21.0	31.4



Terphenyl-d14
 Concen: 70.05 ng
 RT: 19.786 min Scan# 2805
 Delta R.T. -0.012 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

Tgt Ion:	244	Resp:	2364235
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	8.1	6.1	9.1

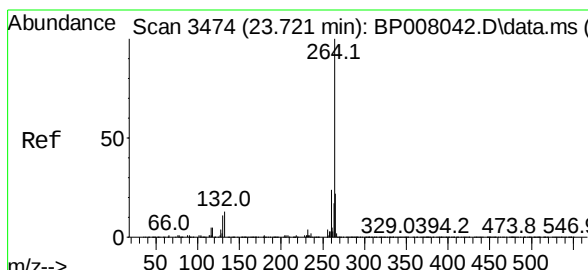
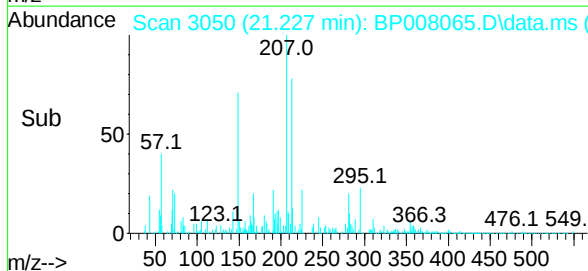
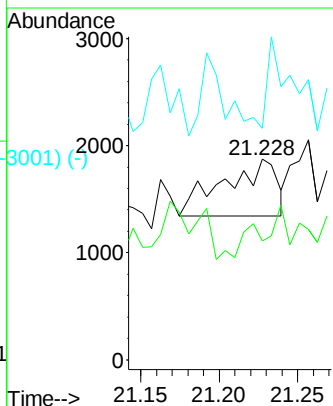
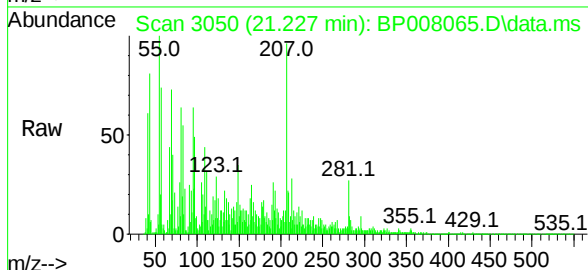




Scan 3052 (21.239 min): BP008042.D\data.ms (-3052) (-)
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.227 min Scan# 3052
 Delta R.T. -0.012 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

Instrument :
 BNA_P
 ClientSampleId :
 TOP-WEST-CORE-CONCRETE-PANEL

Tgt Ion:	252	Resp:	1233
Ion	Ratio	Lower	Upper
252	100		
254	59.3	51.8	77.8
126	115.5	7.2	10.8#



Scan 3474 (23.721 min): BP008042.D\data.ms (-3474) (-)
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.710 min Scan# 3472
 Delta R.T. -0.011 min
 Lab File: BP008065.D
 Acq: 20 Nov 2021 19:24

Tgt Ion:	264	Resp:	722888
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.1	17.7	26.5

