

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
 Data File : BM028623.D
 Acq On : 02 Feb 2021 15:34
 Operator : CG/JU
 Sample : M1272-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WP-325

Quant Time: Feb 02 16:04:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

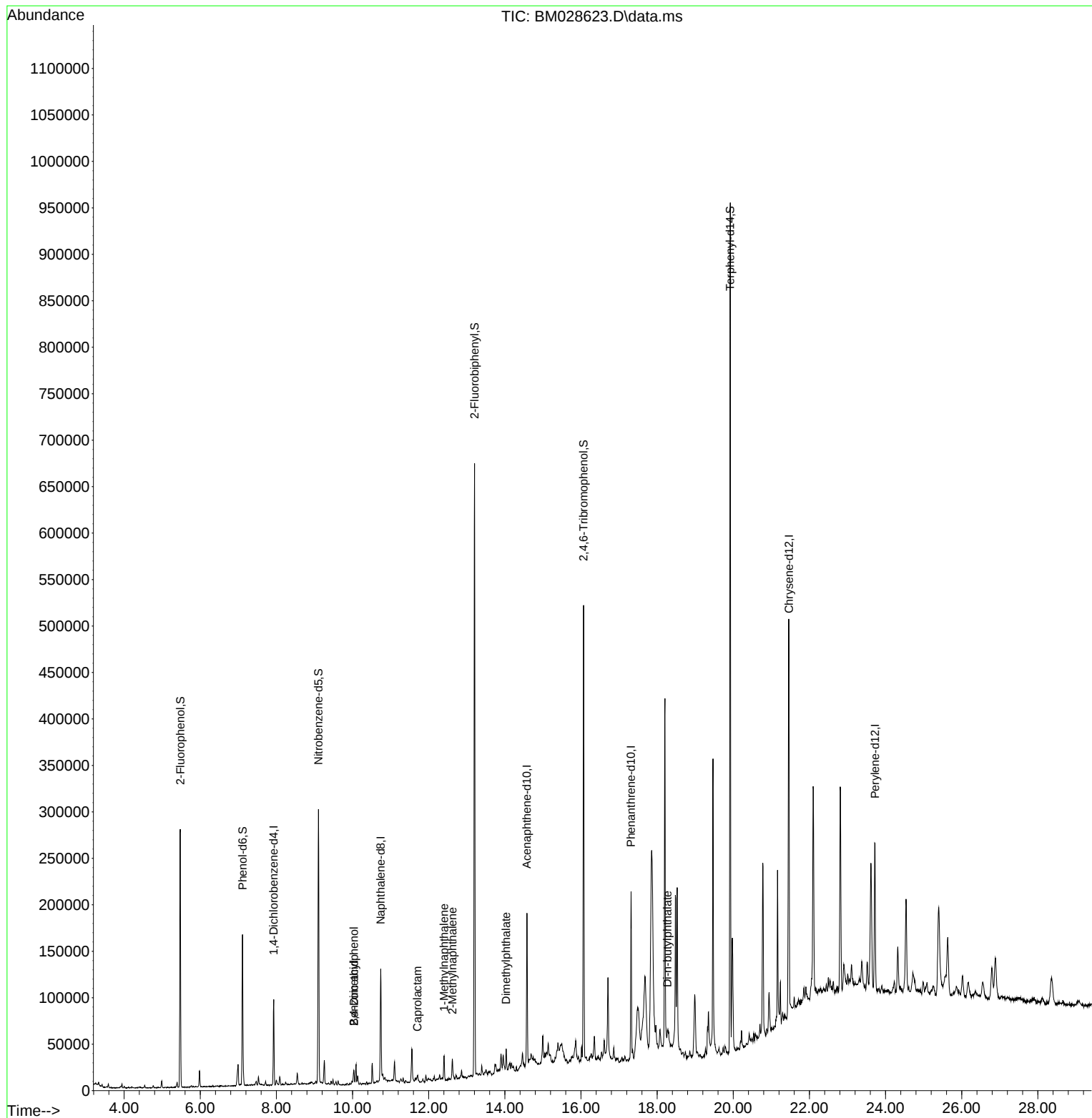
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	24357	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	93237	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	50552	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	96027	20.00	ng	# 0.00
76) Chrysene-d12	21.462	240	95788	20.00	ng	# 0.00
86) Perylene-d12	23.721	264	101916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	115106	74.65	ng	0.00
7) Phenol-d6	7.110	99	86597	41.25	ng	-0.01
23) Nitrobenzene-d5	9.104	82	157428	80.08	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	84328	125.90	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	325275	80.73	ng	0.00
79) Terphenyl-d14	19.921	244	378311	71.32	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.033	122	5777	4.63	ng	# 1
32) Benzoic acid	10.033	122	5777	5.14	ng	# 83
35) Caprolactam	11.704	113	1138	2.36	ng	# 1
37) 2-Methylnaphthalene	12.621	142	9324	2.57	ng	96
38) 1-Methylnaphthalene	12.404	142	11947	3.47	ng	95
50) Dimethylphthalate	14.033	163	11761	2.83	ng	# 94
74) Di-n-butylphthalate	18.274	149	18834	2.89	ng	# 96

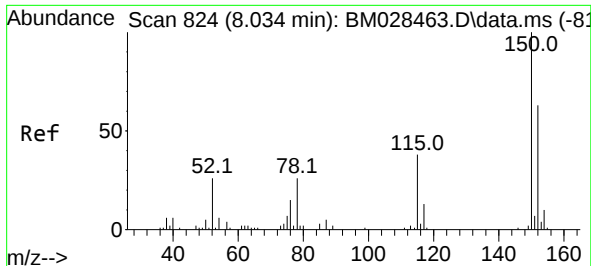
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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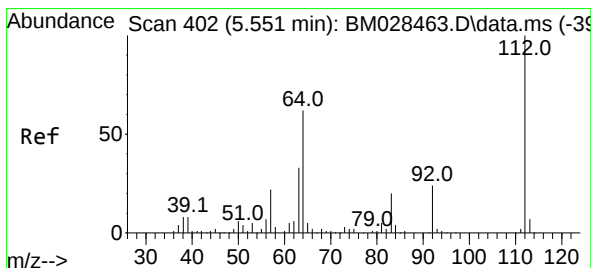
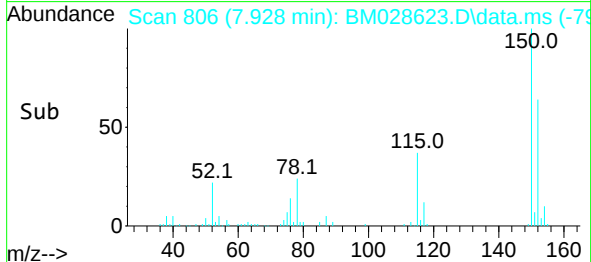
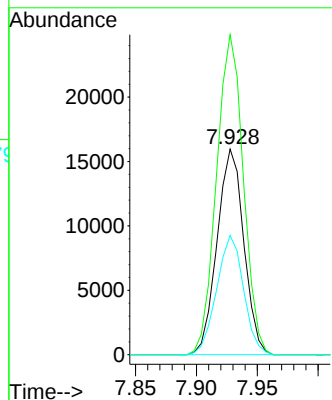
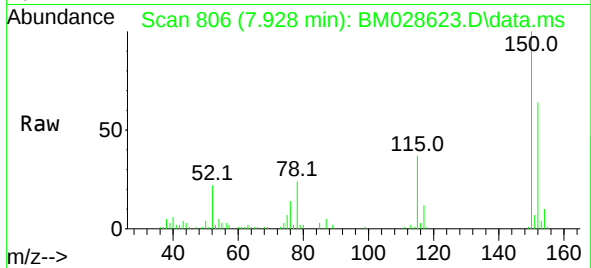




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

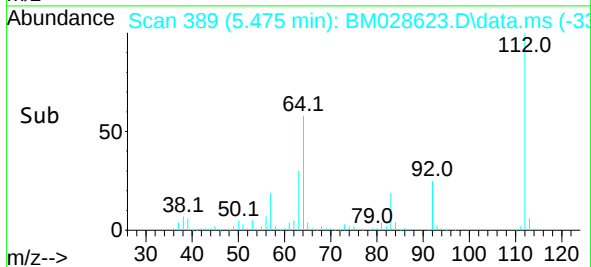
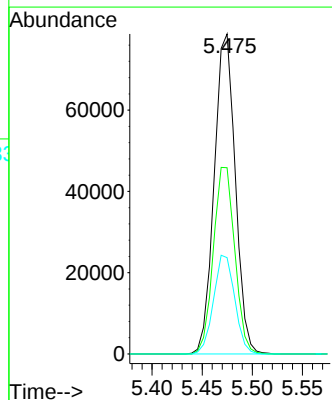
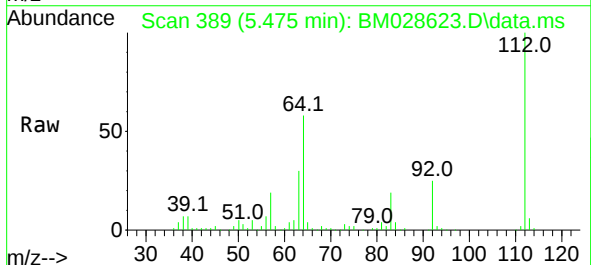
Instrument :
BNA_M
ClientSampleId :
WP-325

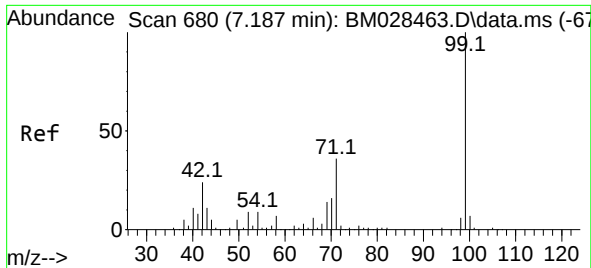
Tgt Ion:152 Resp: 24357
Ion Ratio Lower Upper
152 100
150 155.6 120.6 181.0
115 57.9 47.2 70.8



#5
2-Fluorophenol
Concen: 74.65 ng
RT: 5.475 min Scan# 389
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion:112 Resp: 115106
Ion Ratio Lower Upper
112 100
64 58.2 50.6 76.0
63 30.1 31.0 46.6#

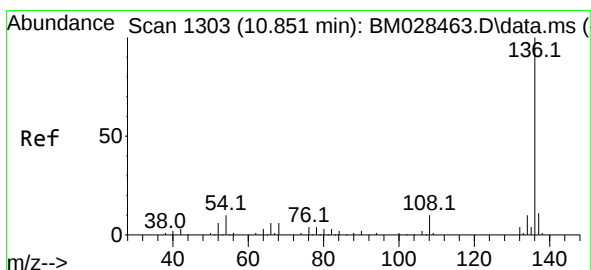
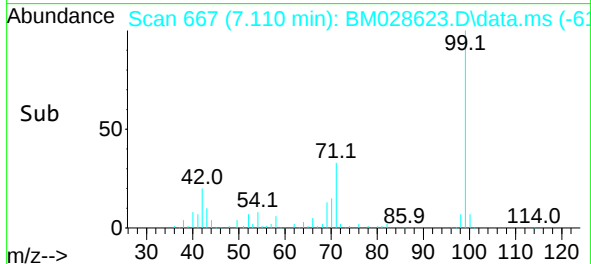
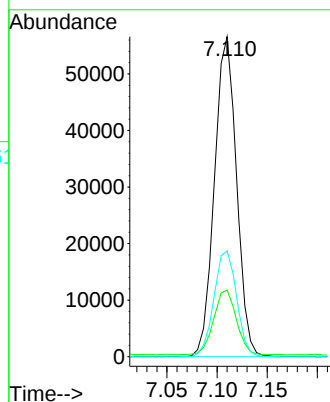
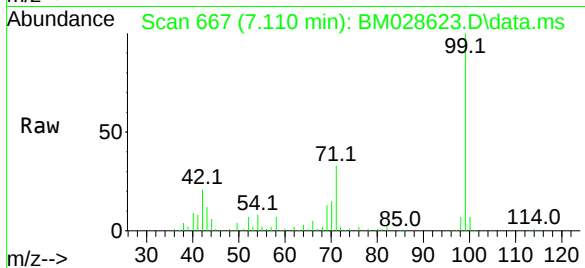




#7
Phenol-d6
Concen: 41.25 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

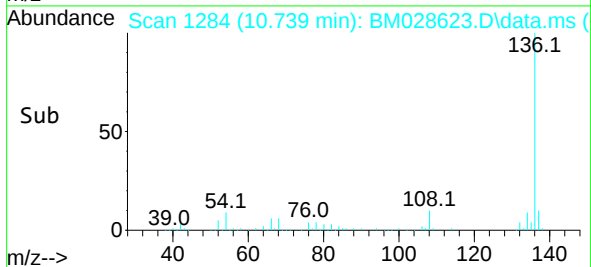
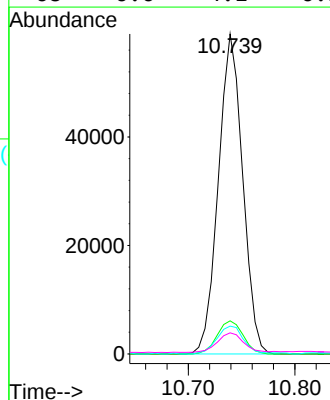
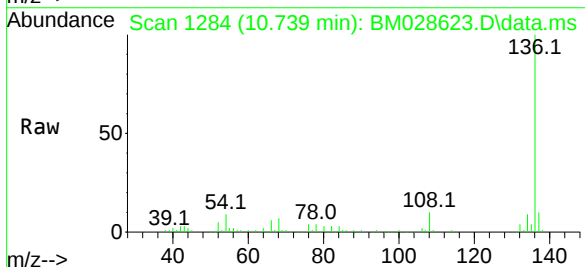
Instrument :
BNA_M
ClientSampled :
WP-325

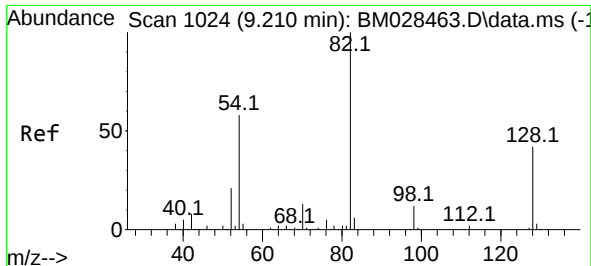
Tgt Ion: 99	Resp: 86597
Ion Ratio	Lower Upper
99 100	
42 20.9	13.5 20.3#
71 33.1	39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion: 136	Resp: 93237
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 12.8
54 8.7	4.6 7.0#
68 6.6	4.1 6.1#

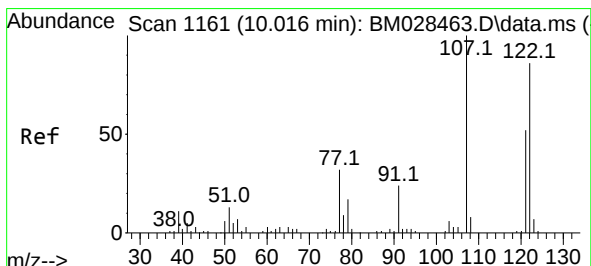
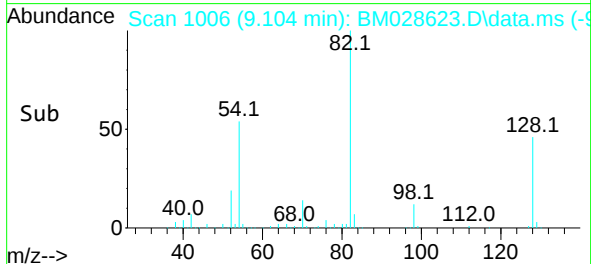
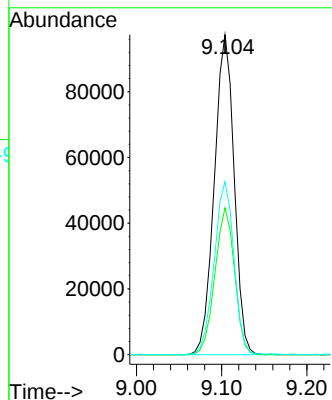
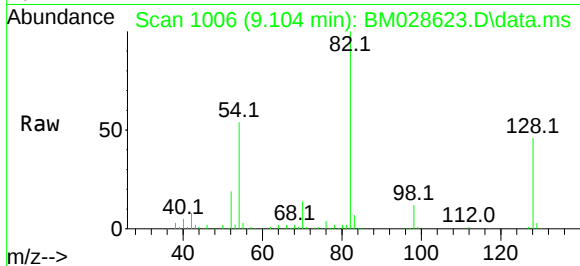




#23
Nitrobenzene-d5
Concen: 80.08 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

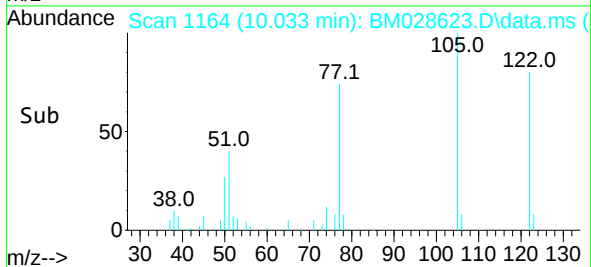
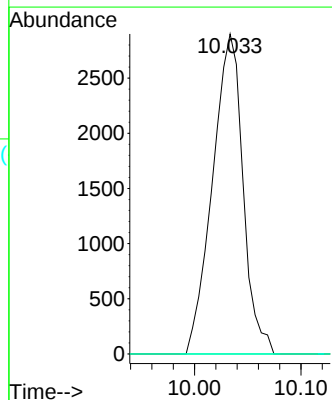
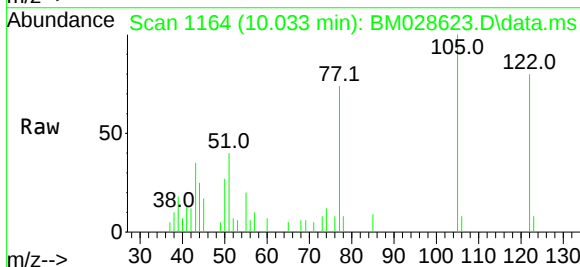
Instrument :
BNA_M
ClientSampleId :
WP-325

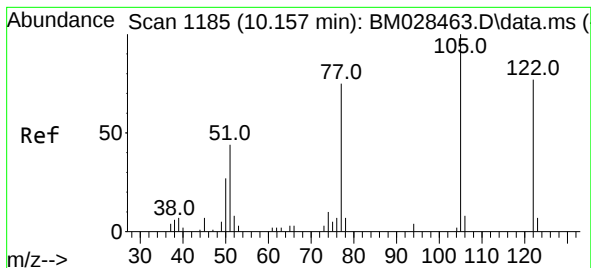
Tgt Ion: 82 Resp: 157428
Ion Ratio Lower Upper
82 100
128 45.9 27.4 41.0#
54 54.1 31.4 47.0#



#27
2,4-Dimethylphenol
Concen: 4.63 ng
RT: 10.033 min Scan# 1164
Delta R.T. 0.100 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion: 122 Resp: 5777
Ion Ratio Lower Upper
122 100
107 0.0 106.6 159.8#
121 0.0 48.8 73.2#

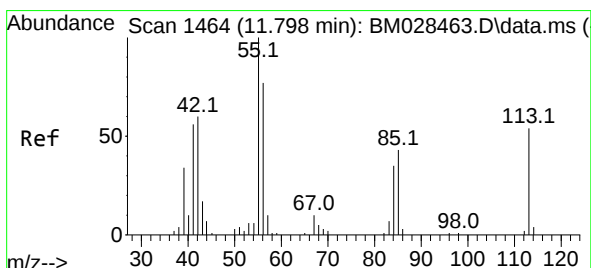
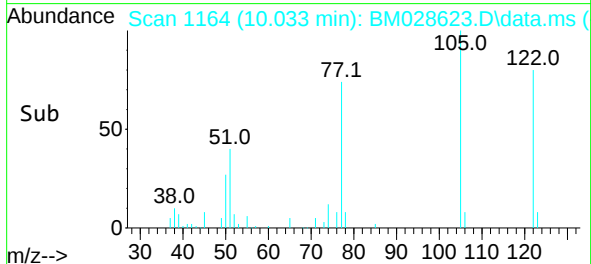
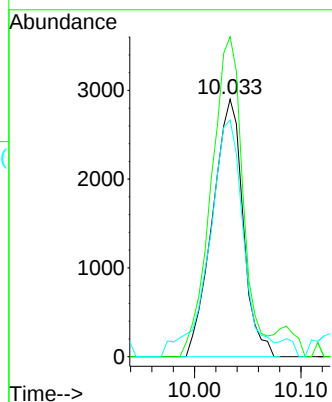
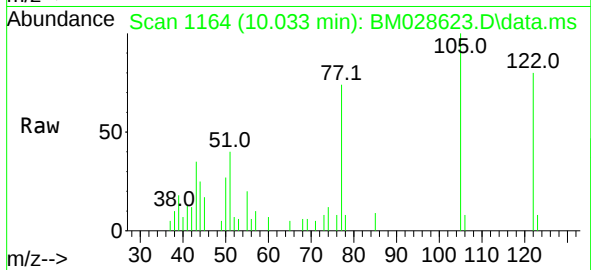




#32
Benzoic acid
Concen: 5.14 ng
RT: 10.033 min Scan# 1164
Delta R.T. -0.065 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

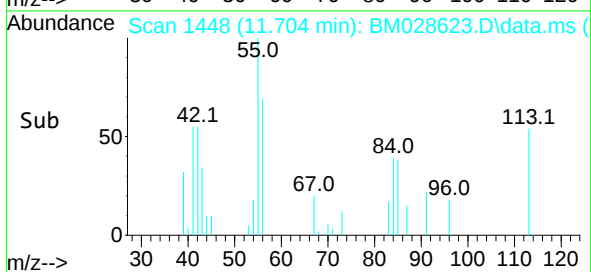
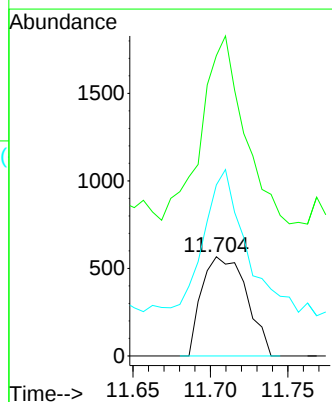
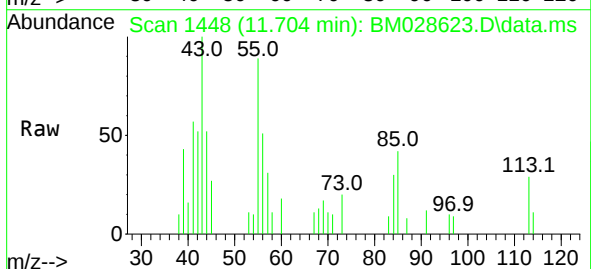
Instrument :
BNA_M
ClientSampleId :
WP-325

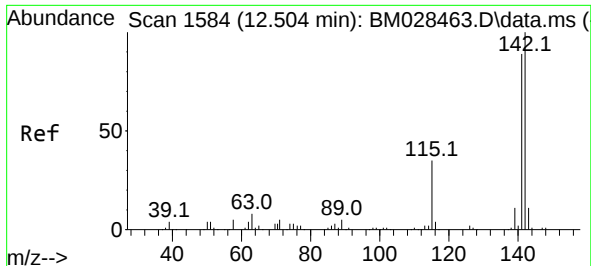
Tgt Ion:122 Resp: 5777
Ion Ratio Lower Upper
122 100
105 124.3 114.0 154.0
77 91.9 101.8 141.8#



#35
Caprolactam
Concen: 2.36 ng
RT: 11.704 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion:113 Resp: 1138
Ion Ratio Lower Upper
113 100
55 302.6 103.2 143.2#
56 172.3 84.2 124.2#

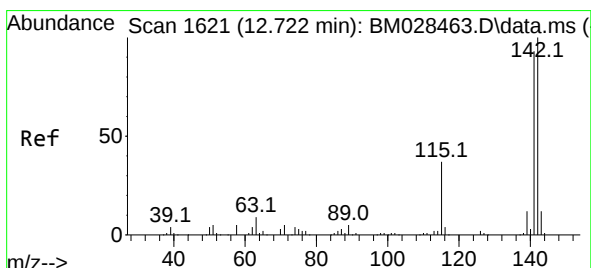
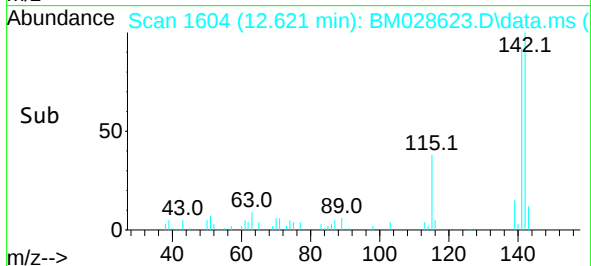
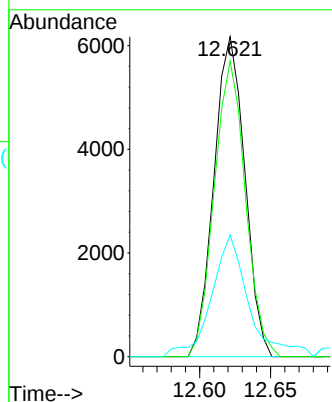
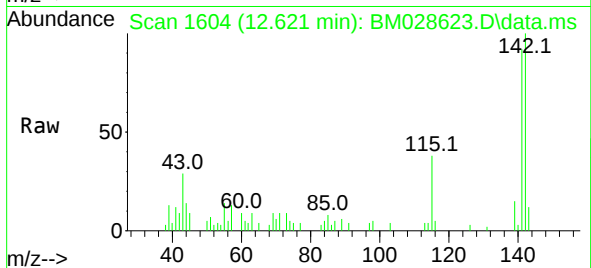




#37
2-Methylnaphthalene
Concen: 2.57 ng
RT: 12.621 min Scan# 1604
Delta R.T. 0.211 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

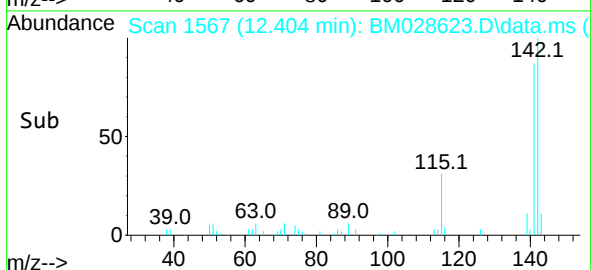
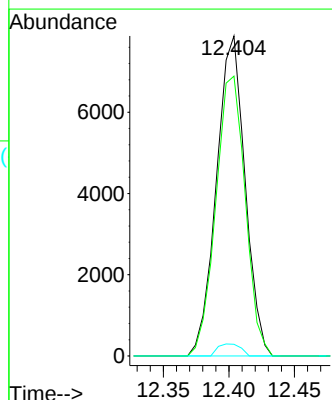
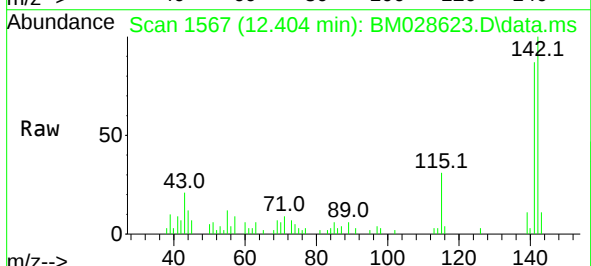
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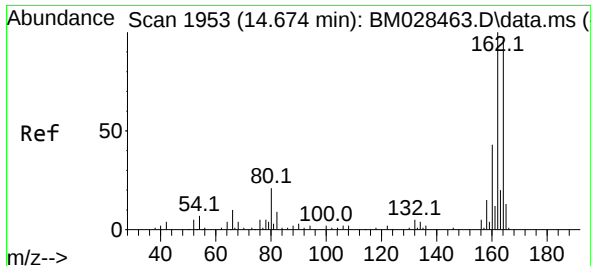
Tgt Ion:142 Resp: 9324
Ion Ratio Lower Upper
142 100
141 92.4 70.3 105.5
115 38.0 32.2 48.4



#38
1-Methylnaphthalene
Concen: 3.47 ng
RT: 12.404 min Scan# 1567
Delta R.T. -0.224 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

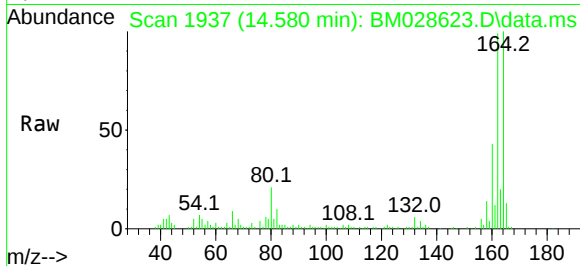
Tgt Ion:142 Resp: 11947
Ion Ratio Lower Upper
142 100
141 87.4 73.8 110.6
116 3.7 3.5 5.3



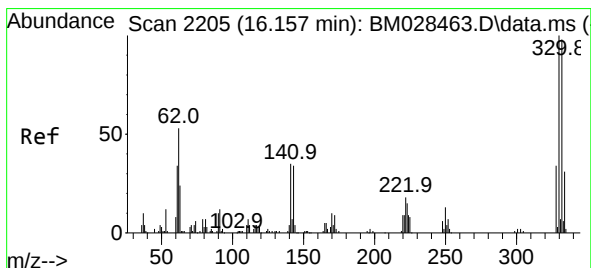
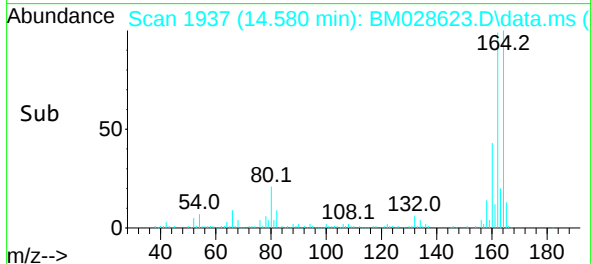
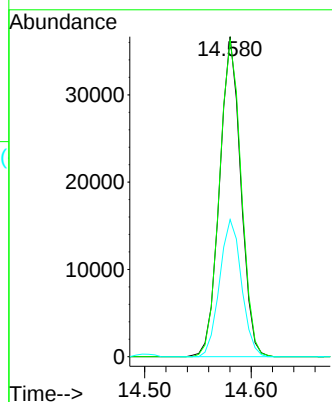


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Instrument :
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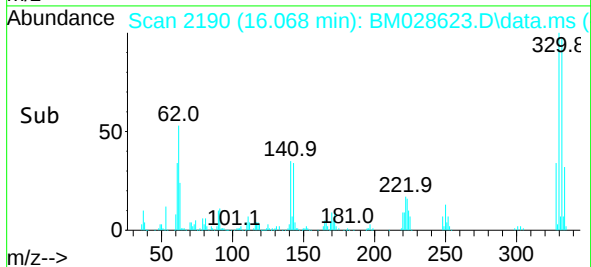
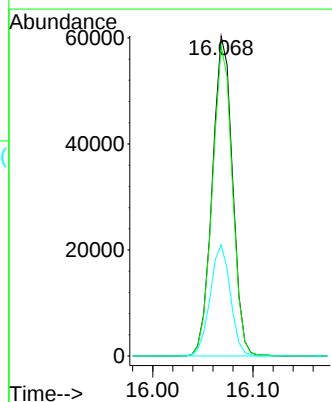
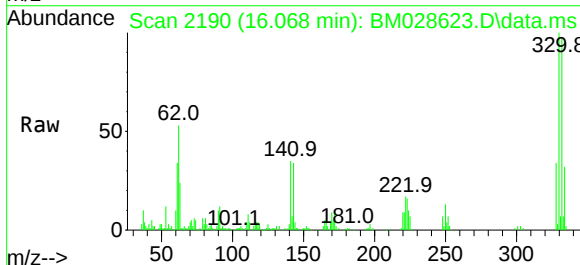


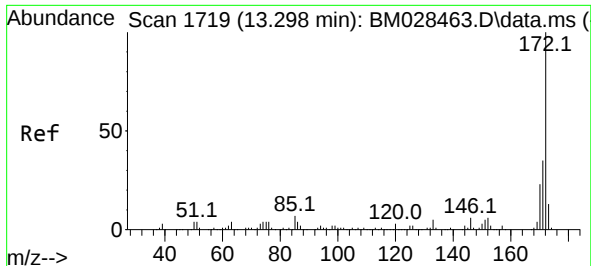
Tgt Ion:164 Resp: 50552
Ion Ratio Lower Upper
164 100
162 98.9 80.4 120.6
160 42.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 125.90 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion:330 Resp: 84328
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 34.8 28.4 42.6

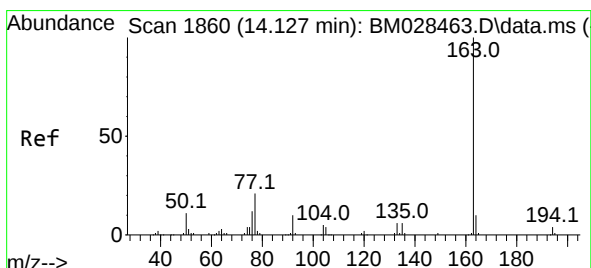
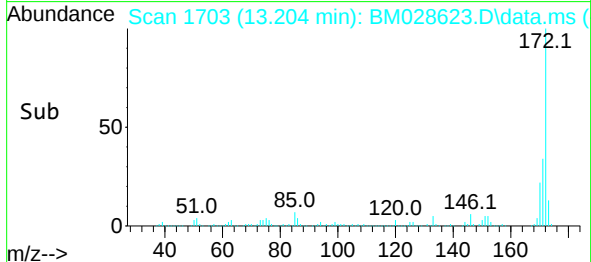
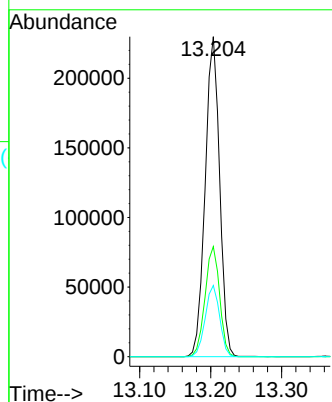
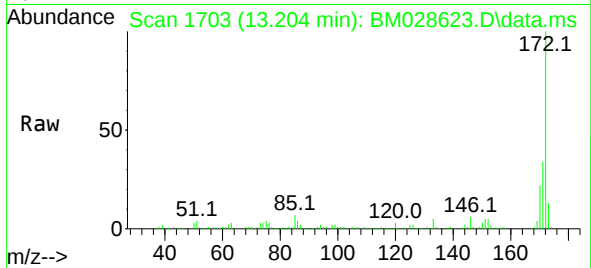




#45
2-Fluorobiphenyl
Concen: 80.73 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

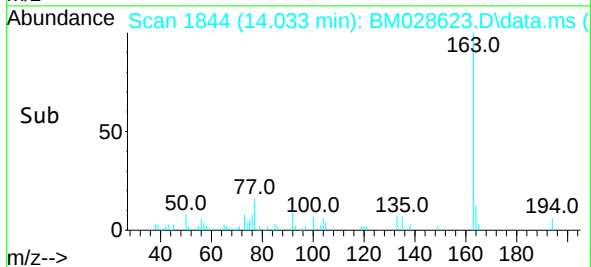
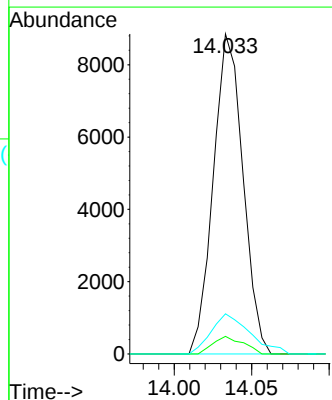
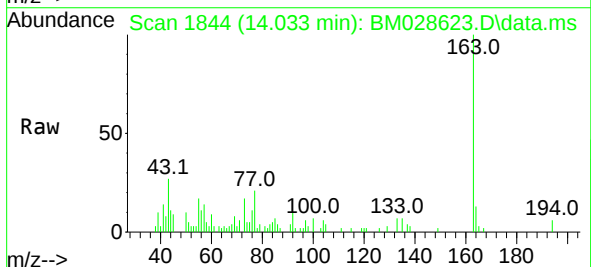
Instrument :
BNA_M
ClientSampled :
WP-325

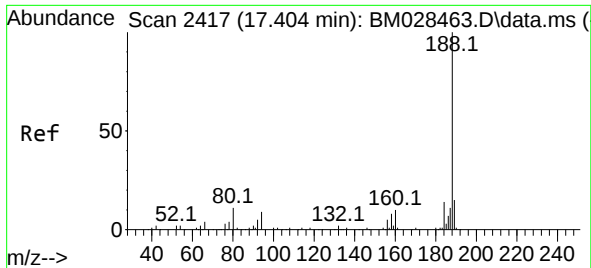
Tgt Ion:	172	Resp:	325275
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	22.2	18.6	27.8



#50
Dimethylphthalate
Concen: 2.83 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion:	163	Resp:	11761
Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.2#
164	12.5	8.1	12.1#

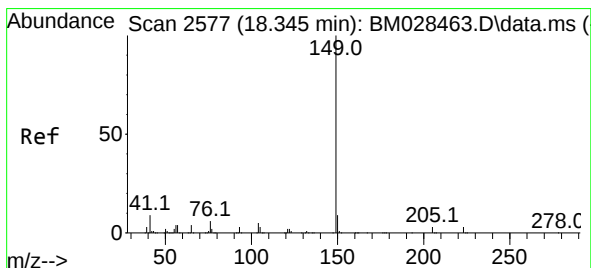
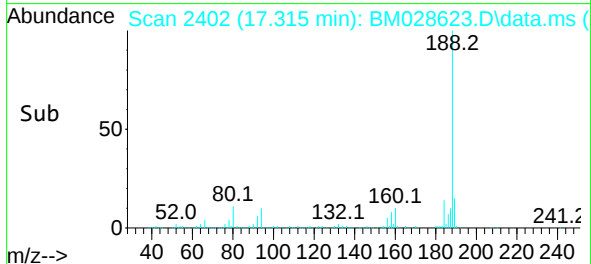
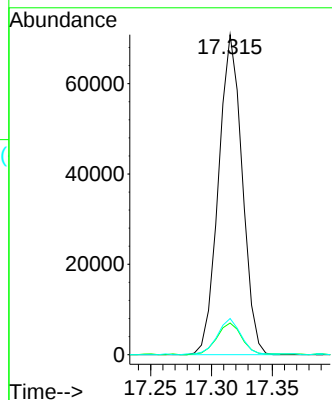
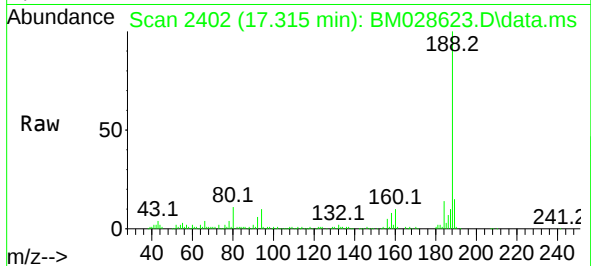




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

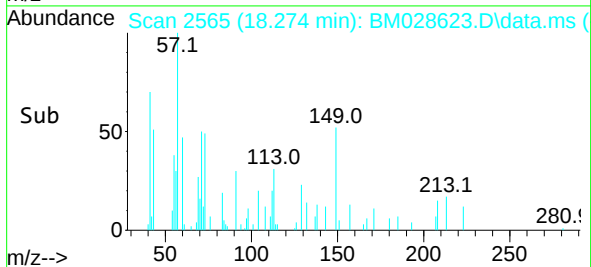
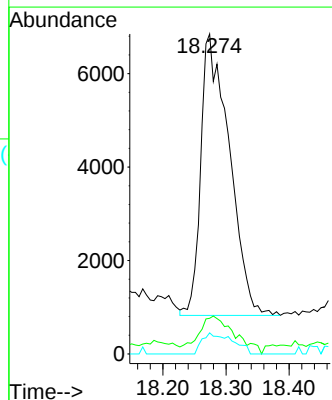
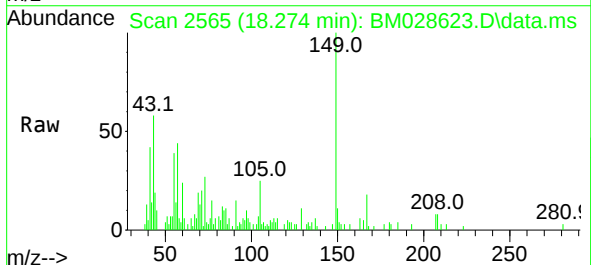
Instrument :
BNA_M
ClientSampleId :
WP-325

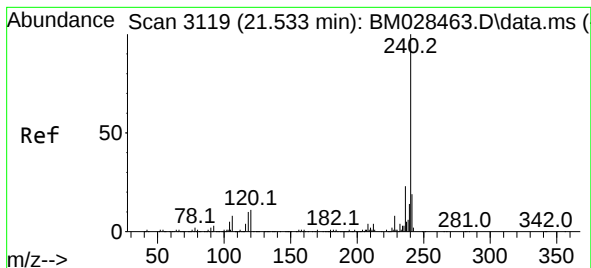
Tgt Ion:188 Resp: 96027
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.4#
80 11.3 7.5 11.3#



#74
Di-n-butylphthalate
Concen: 2.89 ng
RT: 18.274 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BM028623.D
Acq: 02 Feb 2021 15:34

Tgt Ion:149 Resp: 18834
Ion Ratio Lower Upper
149 100
150 11.2 7.4 11.0#
104 6.6 4.7 7.1





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.462 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BM028623.D

Acq: 02 Feb 2021 15:34

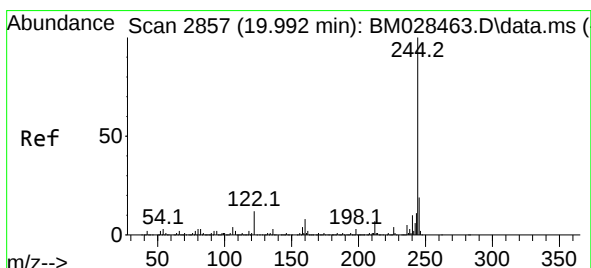
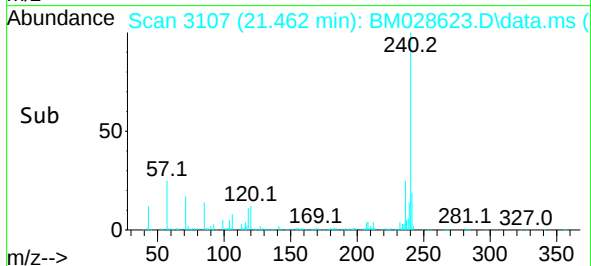
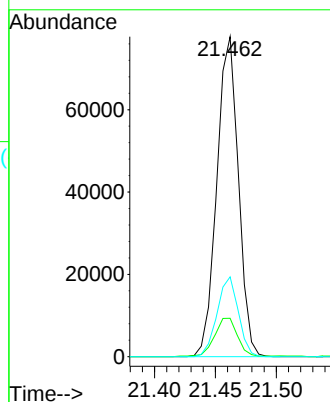
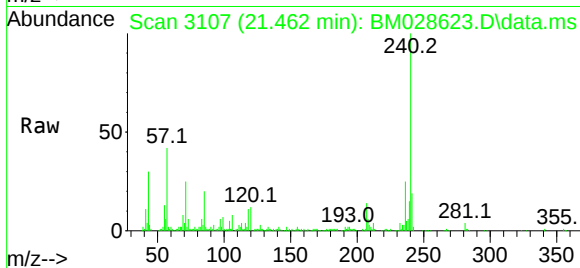
Tgt Ion:240 Resp: 95788

Ion Ratio Lower Upper

240 100

120 12.0 6.4 9.6#

236 25.0 20.1 30.1



#79

Terphenyl-d14

Concen: 71.32 ng

RT: 19.921 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BM028623.D

Acq: 02 Feb 2021 15:34

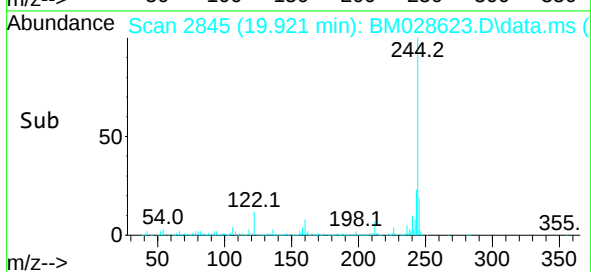
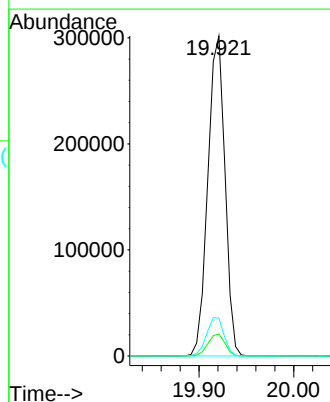
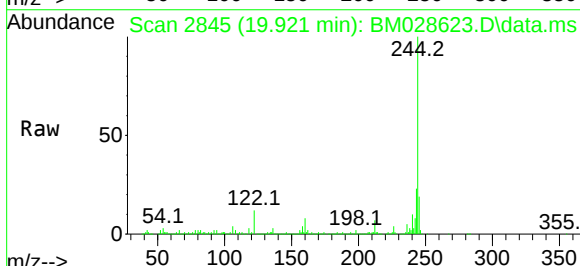
Tgt Ion:244 Resp: 378311

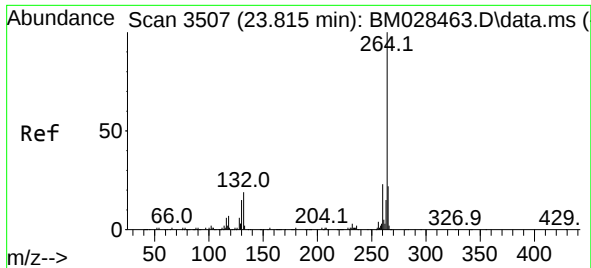
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.9 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.721 min Scan# 3491
 Delta R.T. -0.006 min
 Lab File: BM028623.D
 Acq: 02 Feb 2021 15:34

Instrument :
 BNA_M
 ClientSampleId :
 WP-325

Tgt Ion:264 Resp: 101916
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.6 17.7 26.5

