

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032671.D
 Acq On : 22 Oct 2021 12:31
 Operator : CG/JU
 Sample : M4245-02 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Oct 22 13:51:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 22 11:30:44 2021
 Response via : Initial Calibration

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

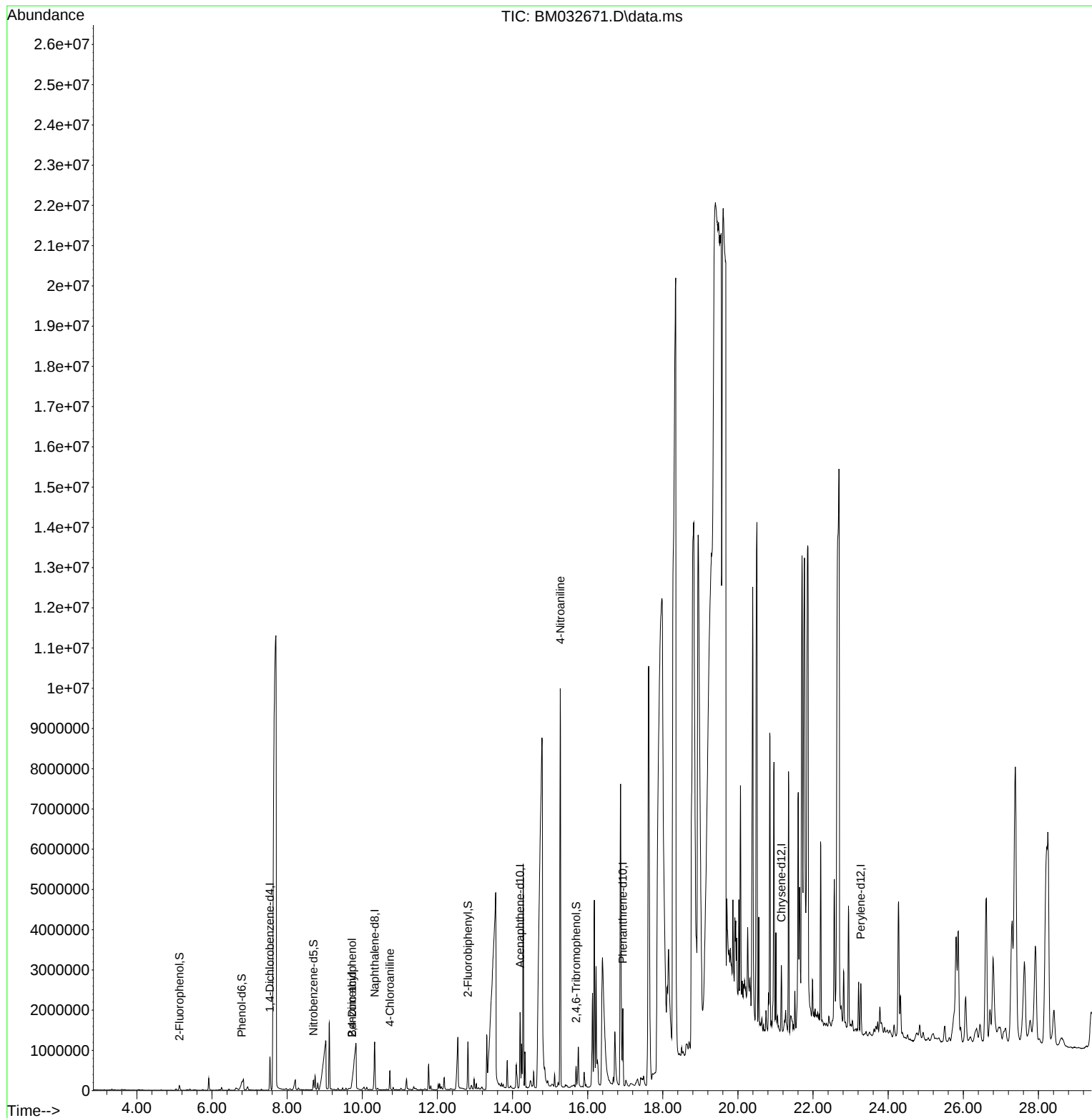
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	223329	20.000	ng	0.00
21) Naphthalene-d8	10.330	136	930549	20.000	ng	# 0.00
39) Acenaphthene-d10	14.201	164	565825	20.000	ng	0.00
64) Phenanthrene-d10	16.936	188	1020404	20.000	ng	# 0.00
76) Chrysene-d12	21.159	240	750855	20.000	ng	0.04
86) Perylene-d12	23.271	264	776264	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	47299	3.568	ng	0.00
7) Phenol-d6	6.790	99	64816	3.576	ng	0.04
23) Nitrobenzene-d5	8.701	82	143298	8.565	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	82820	13.075	ng	0.00
45) 2-Fluorobiphenyl	12.813	172	579315	15.223	ng	0.00
79) Terphenyl-d14	19.595	244	30205	0.847	ng	0.03
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.725	122	52388	4.136	ng	# 1
32) Benzoic acid	9.725	122	52388	9.746	ng	# 83
33) 4-Chloroaniline	10.736	127	53207	2.700	ng	# 45
62) 4-Nitroaniline	15.271	138	39429	4.344	ng	# 8

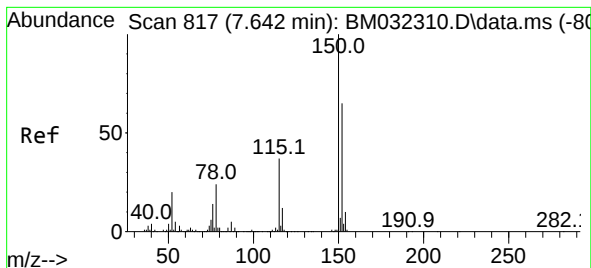
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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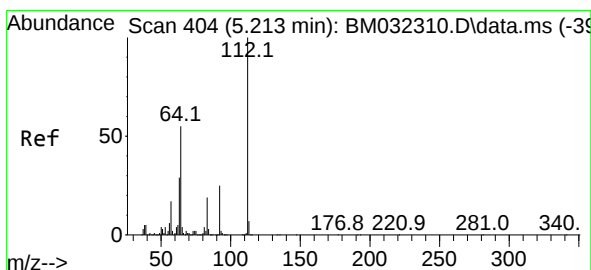
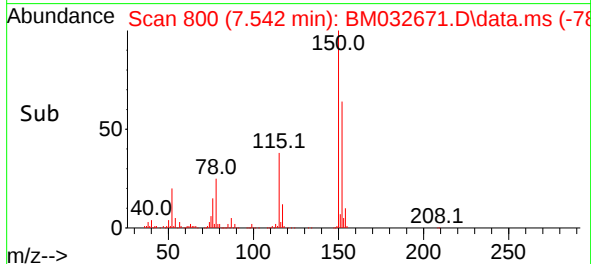
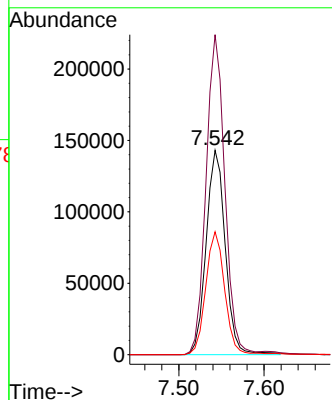
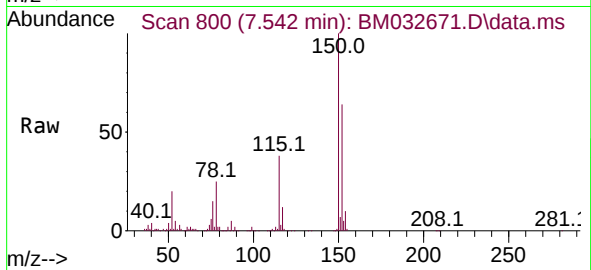




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.542 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

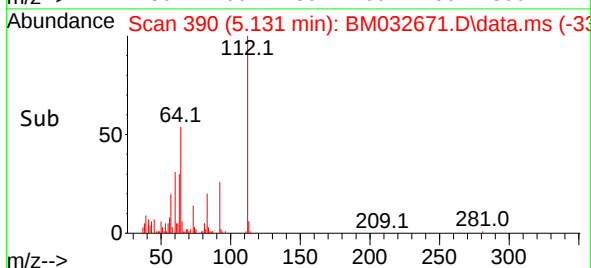
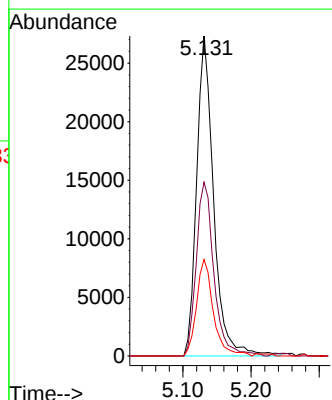
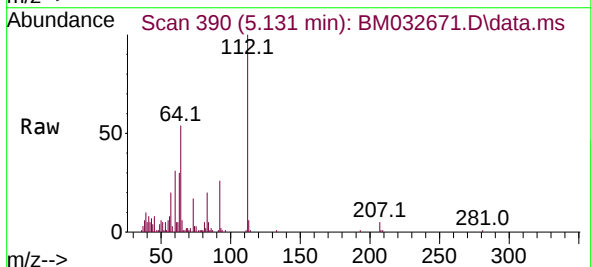
Instrument :
BNA_M
ClientSampleId :
EFF-WW

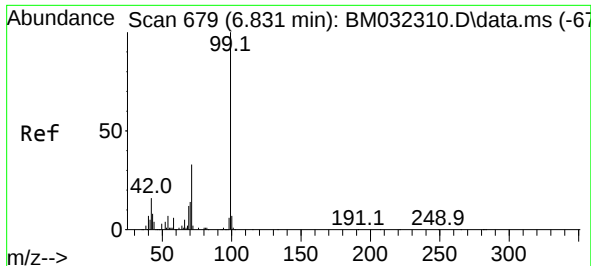
Tgt Ion:152 Resp: 223329
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 60.1 53.8 80.8



#5
2-Fluorophenol
Concen: 3.568 ng
RT: 5.131 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion:112 Resp: 47299
Ion Ratio Lower Upper
112 100
64 54.3 53.7 80.5
63 30.1 33.9 50.9#

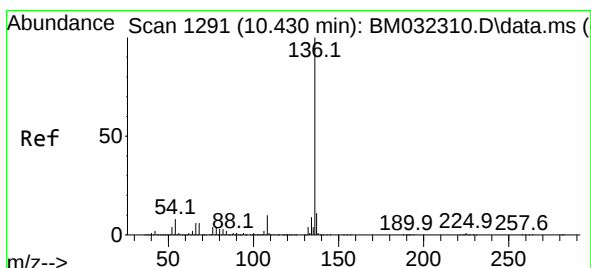
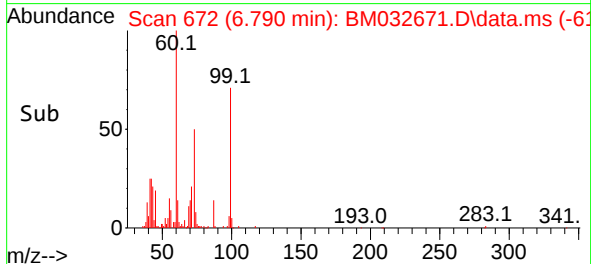
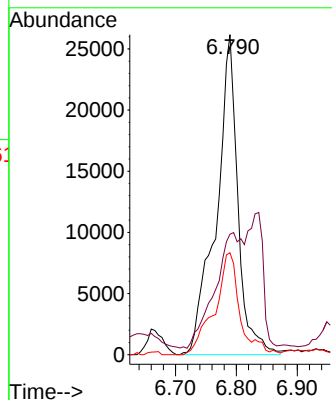
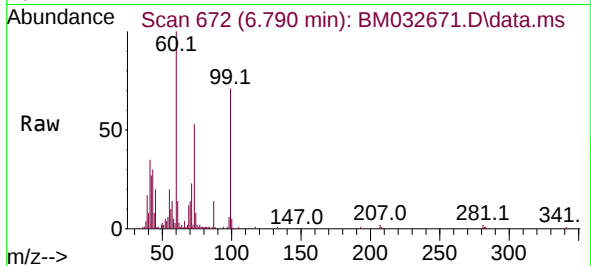




#7
Phenol-d6
Concen: 3.576 ng
RT: 6.790 min Scan# 672
Delta R.T. 0.041 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

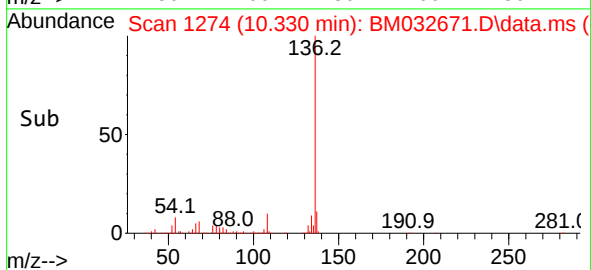
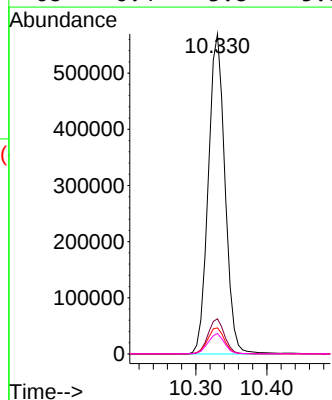
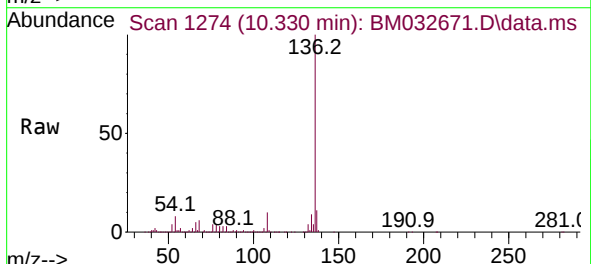
Instrument :
BNA_M
ClientSampleId :
EFF-WW

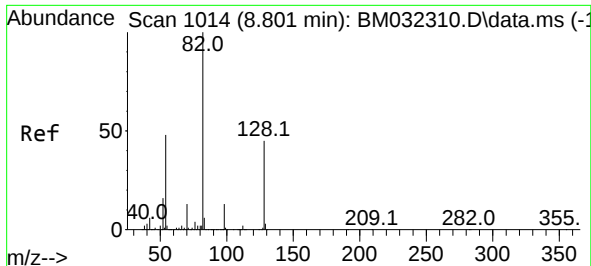
Tgt Ion: 99 Resp: 64816
Ion Ratio Lower Upper
99 100
42 37.6 23.0 34.6#
71 31.8 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.330 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion: 136 Resp: 930549
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 7.4 11.0
68 6.4 3.8 5.8#

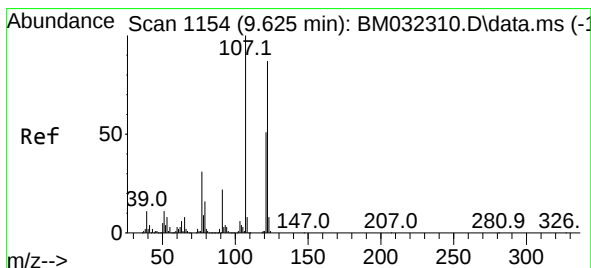
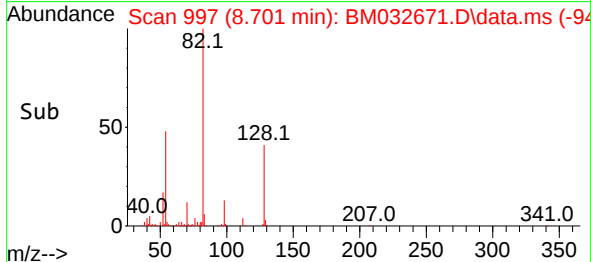
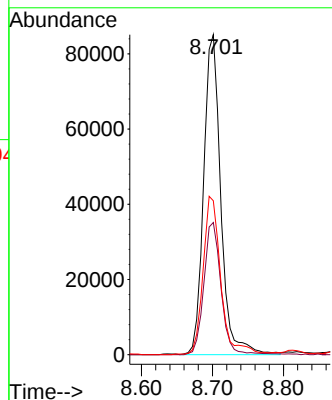
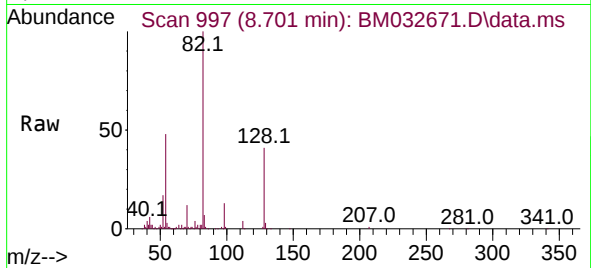




#23
Nitrobenzene-d5
Concen: 8.565 ng
RT: 8.701 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

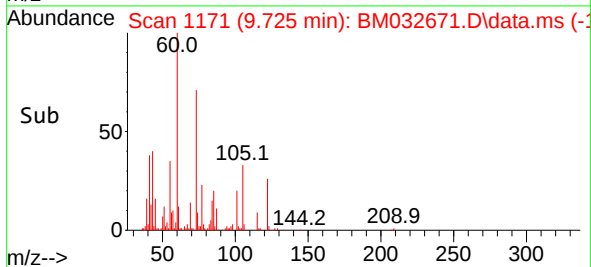
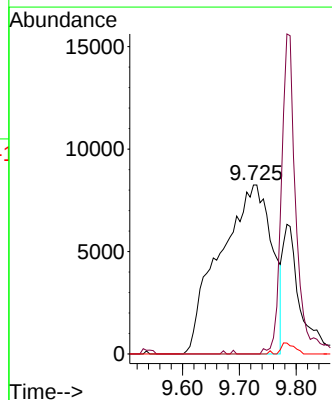
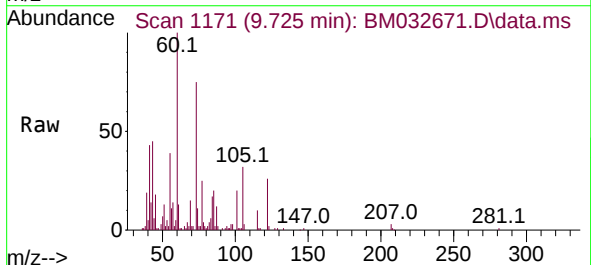
Instrument :
BNA_M
ClientSampleId :
EFF-WW

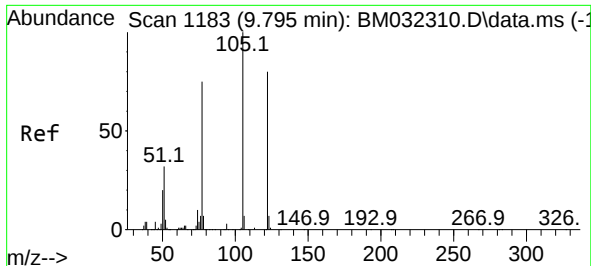
Tgt Ion: 82 Resp: 143298
Ion Ratio Lower Upper
82 100
128 41.3 29.0 43.6
54 48.1 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 4.136 ng
RT: 9.725 min Scan# 1171
Delta R.T. 0.194 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion: 122 Resp: 52388
Ion Ratio Lower Upper
122 100
107 0.0 100.6 150.8#
121 0.0 47.3 70.9#

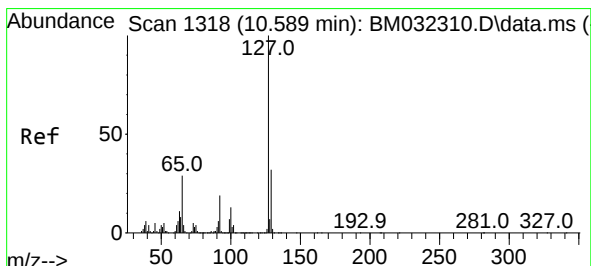
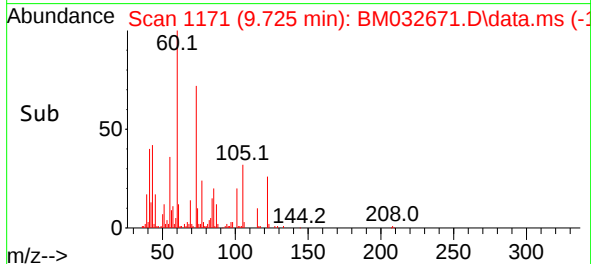
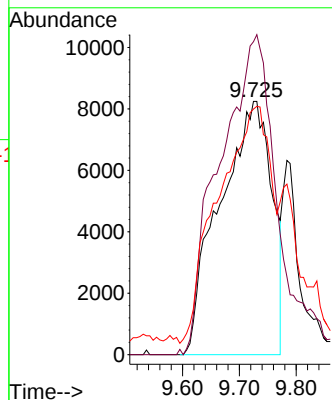
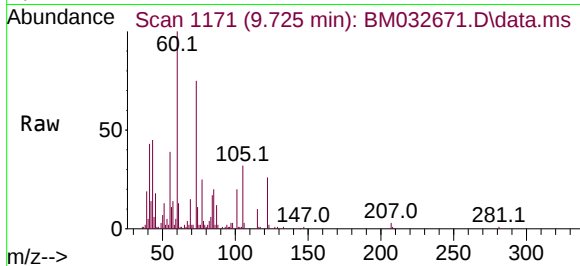




#32
Benzoic acid
Concen: 9.746 ng
RT: 9.725 min Scan# 1171
Delta R.T. 0.012 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

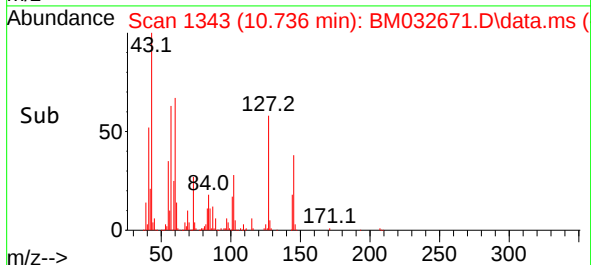
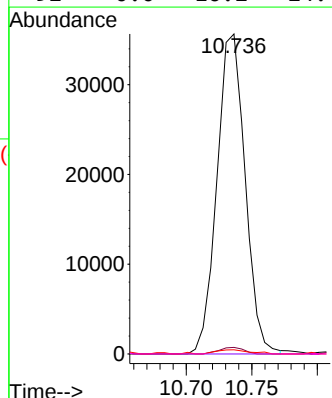
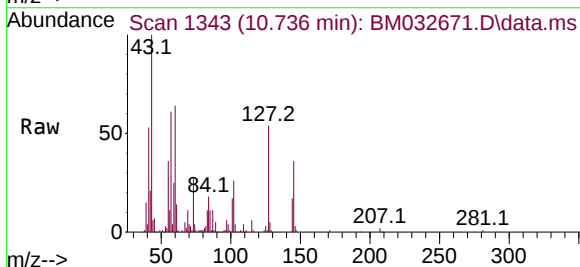
Instrument :
BNA_M
ClientSampleId :
EFF-WW

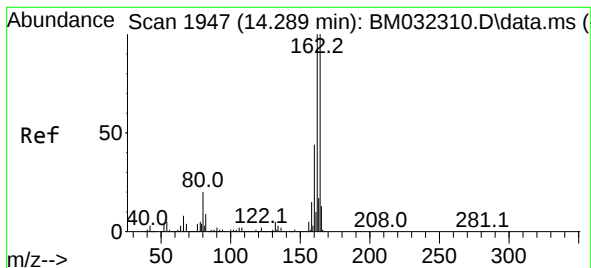
Tgt Ion:122 Resp: 52388
Ion Ratio Lower Upper
122 100
105 123.6 120.3 160.3
77 97.0 100.0 140.0#



#33
4-Chloroaniline
Concen: 2.700 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.241 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion:127 Resp: 53207
Ion Ratio Lower Upper
127 100
129 2.0 25.6 38.4#
65 1.3 30.4 45.6#
92 0.0 16.2 24.4#

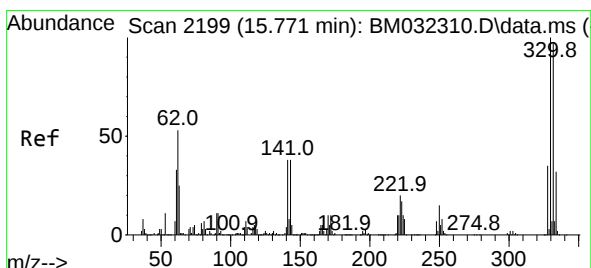
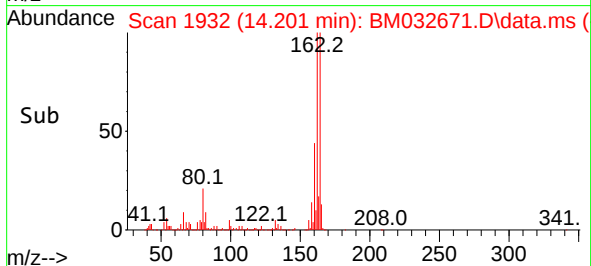
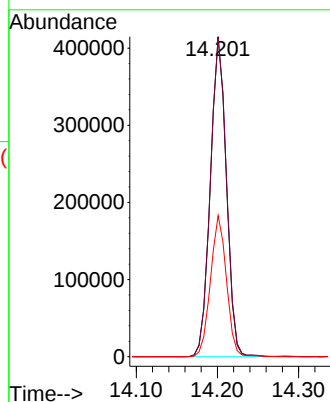
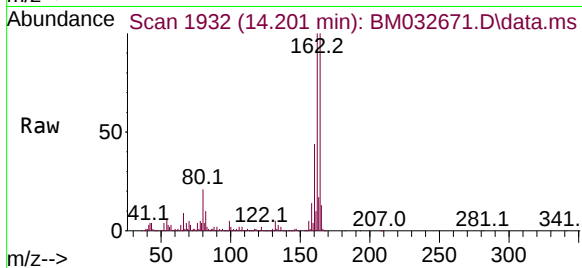




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

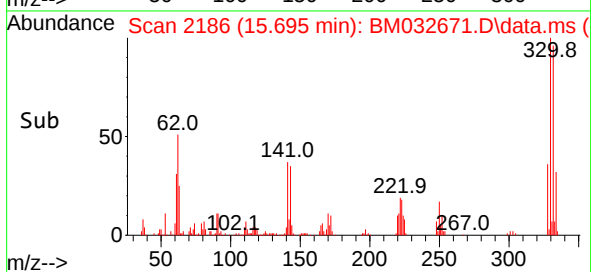
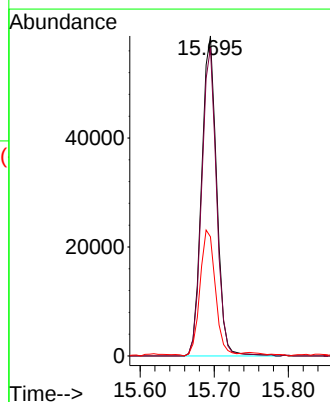
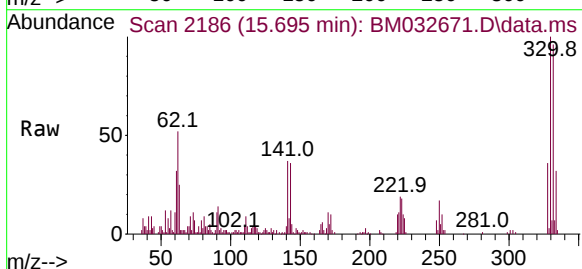
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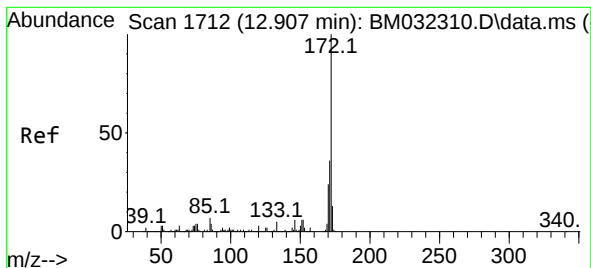
Tgt Ion:164 Resp: 565825
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 44.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 13.075 ng
RT: 15.695 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion:330 Resp: 82820
Ion Ratio Lower Upper
330 100
332 95.0 75.7 113.5
141 40.3 50.7 76.1#

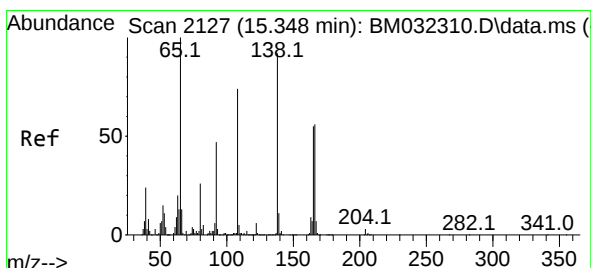
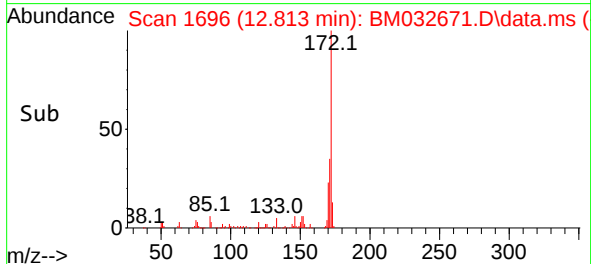
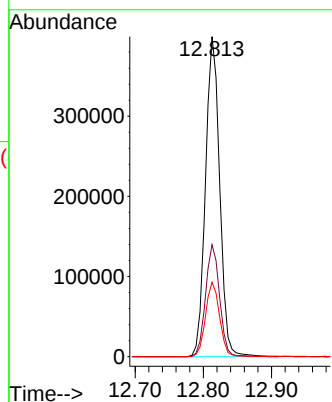
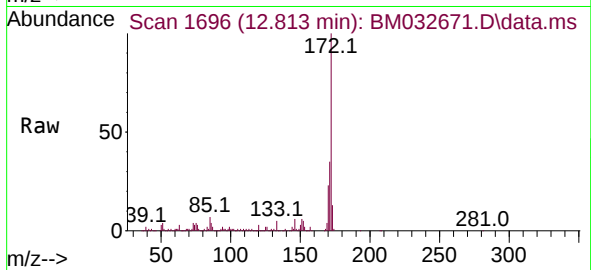




#45
2-Fluorobiphenyl
Concen: 15.223 ng
RT: 12.813 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

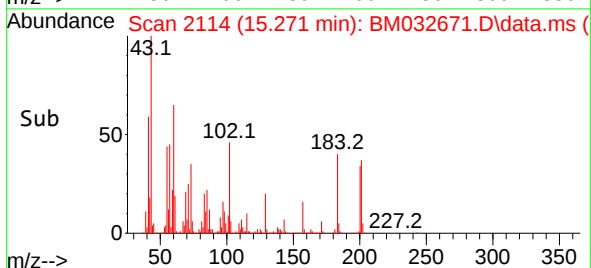
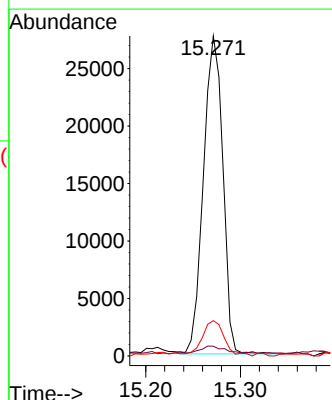
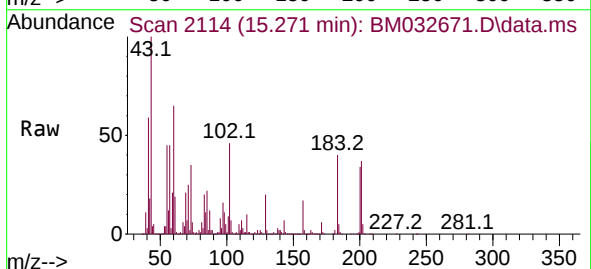
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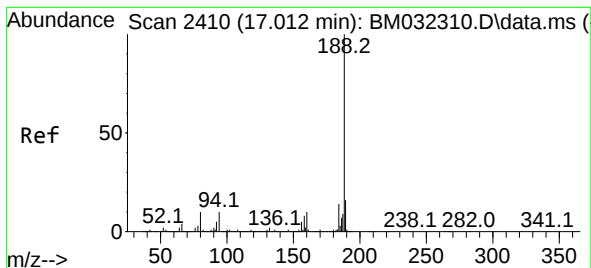
Tgt Ion:172 Resp: 579315
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 18.6 27.8



#62
4-Nitroaniline
Concen: 4.344 ng
RT: 15.271 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion:138 Resp: 39429
Ion Ratio Lower Upper
138 100
92 3.0 40.6 80.6#
108 11.0 103.8 143.8#

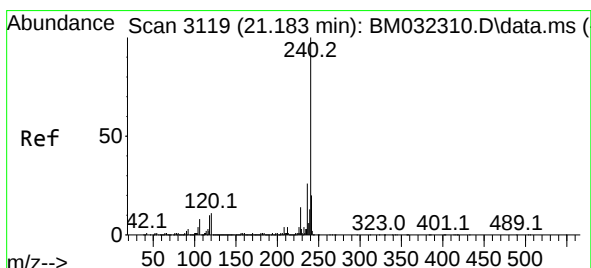
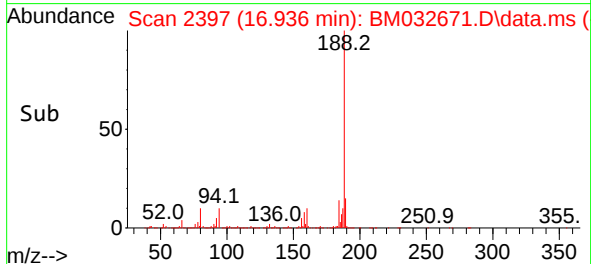
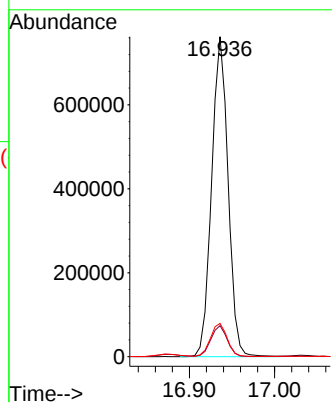
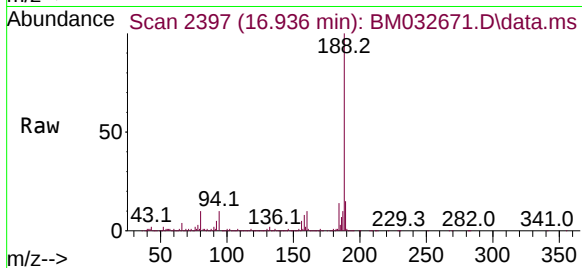




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.936 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

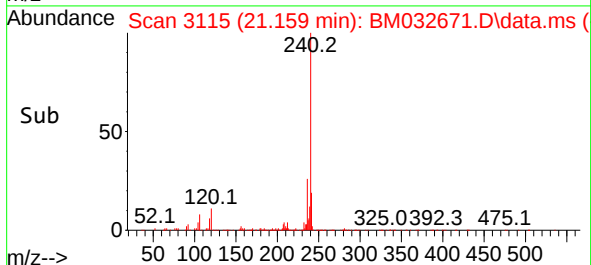
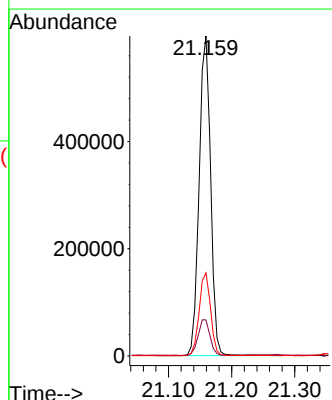
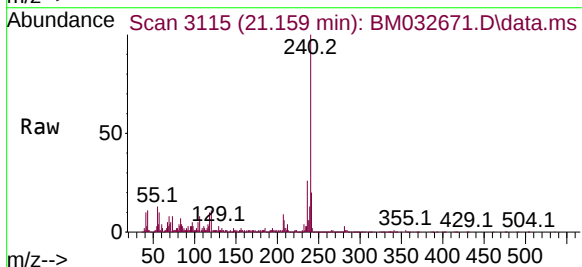
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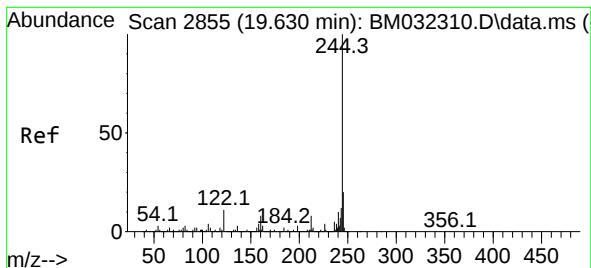
Tgt Ion:188 Resp: 1020404
Ion Ratio Lower Upper
188 100
94 9.7 6.3 9.5#
80 10.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.159 min Scan# 3115
Delta R.T. 0.041 min
Lab File: BM032671.D
Acq: 22 Oct 2021 12:31

Tgt Ion:240 Resp: 750855
Ion Ratio Lower Upper
240 100
120 11.2 7.8 11.6
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 0.847 ng

RT: 19.595 min Scan# 2849

Delta R.T. 0.029 min

Lab File: BM032671.D

Acq: 22 Oct 2021 12:31

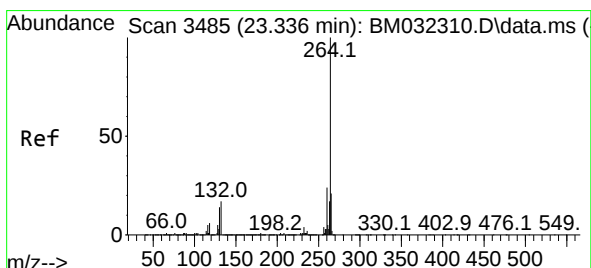
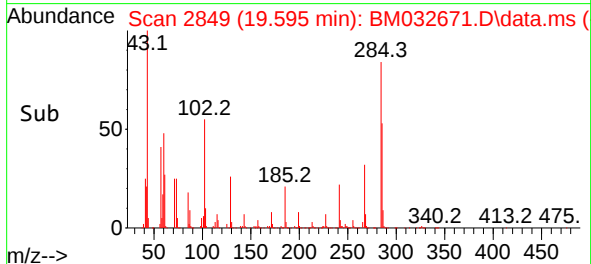
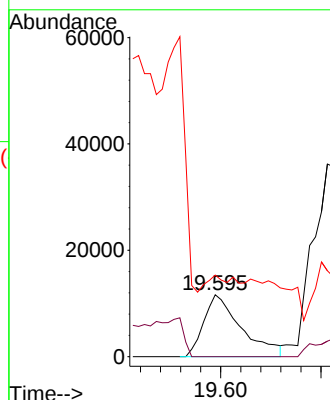
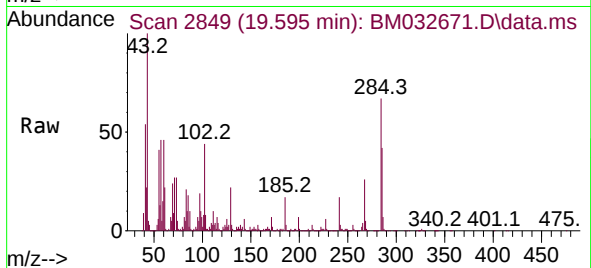
Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tgt Ion:244	Resp:	30205
Ion Ratio	Lower	Upper
244	100	
212	0.0	6.5
122	131.9	8.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.271 min Scan# 3474

Delta R.T. 0.018 min

Lab File: BM032671.D

Acq: 22 Oct 2021 12:31

Tgt Ion:264	Resp:	776264
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.3
265	22.8	18.3

