

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029623.D
 Acq On : 23 Apr 2021 21:20
 Operator : CG/JU
 Sample : M2107-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-35-10.5-11.0

Quant Time: Apr 26 02:10:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

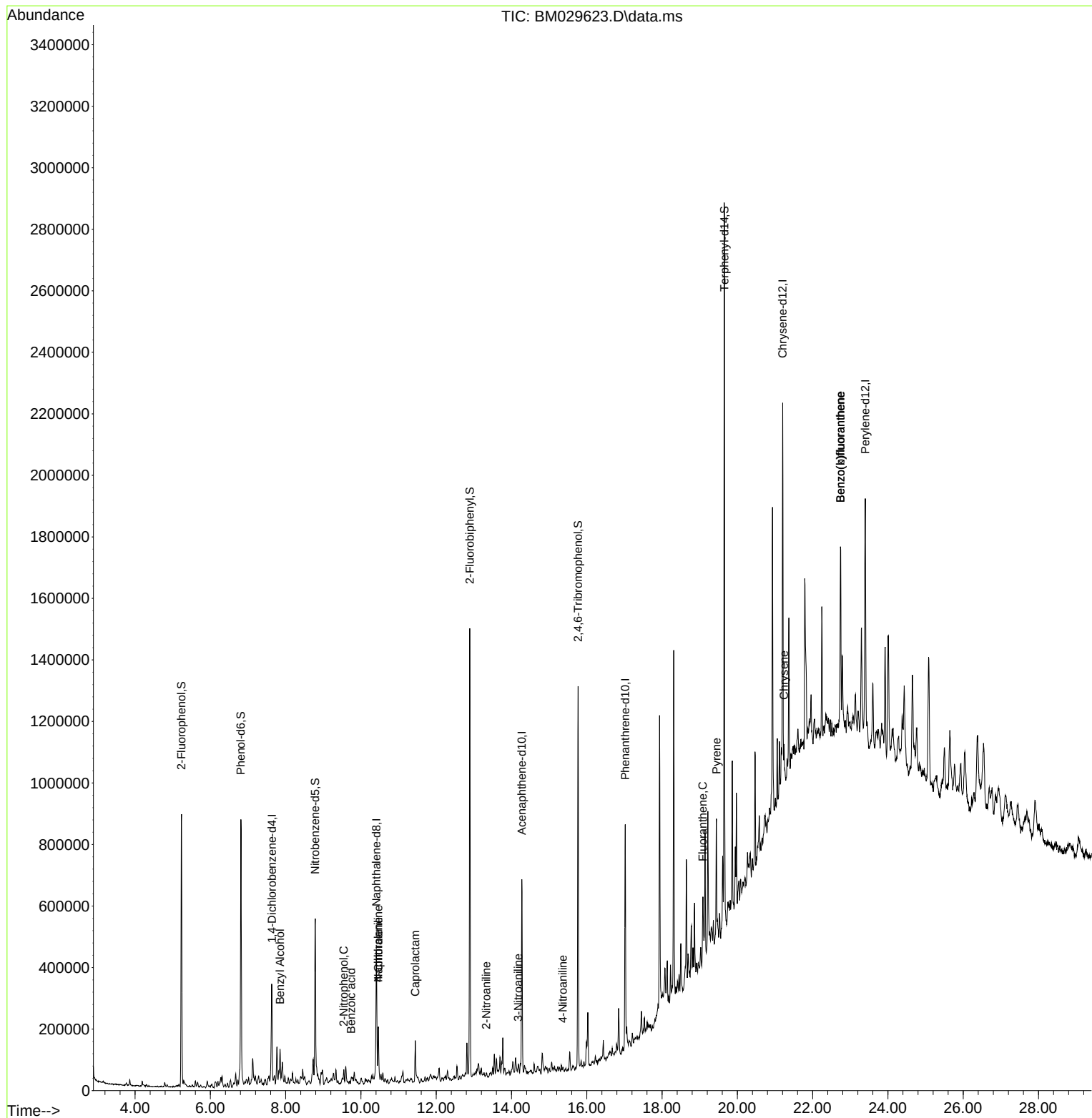
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	86989	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	311334	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	204054	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	432073	20.00	ng	0.00
76) Chrysene-d12	21.203	240	480413	20.00	ng	0.00
86) Perylene-d12	23.397	264	503775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	365077	84.14	ng	0.00
7) Phenol-d6	6.810	99	454886	70.19	ng	0.00
23) Nitrobenzene-d5	8.786	82	305488	50.54	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	211694	75.02	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	720716	47.94	ng	0.00
79) Terphenyl-d14	19.656	244	1056799	41.70	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.851	79	9951	2.11	ng	# 64
26) 2-Nitrophenol	9.539	139	211	3.26	ng	# 1
31) Naphthalene	10.463	128	127425	7.96	ng	# 98
32) Benzoic acid	9.739	122	63	7.23	ng	# 29
33) 4-Chloroaniline	10.463	127	17313	2.74	ng	# 41
35) Caprolactam	11.445	113	5204	3.19	ng	# 50
48) 2-Nitroaniline	13.327	65	185	2.91	ng	# 30
53) 3-Nitroaniline	14.180	138	854	3.24	ng	# 23
62) 4-Nitroaniline	15.363	138	198	3.51	ng	# 83
75) Fluoranthene	19.080	202	80269	2.66	ng	# 97
78) Pyrene	19.445	202	75889	2.46	ng	# 97
83) Chrysene	21.239	228	64043	2.05	ng	# 87
88) Benzo(b)fluoranthene	22.739	252	93878	2.86	ng	# 50
89) Benzo(k)fluoranthene	22.739	252	93878	2.85	ng	# 50

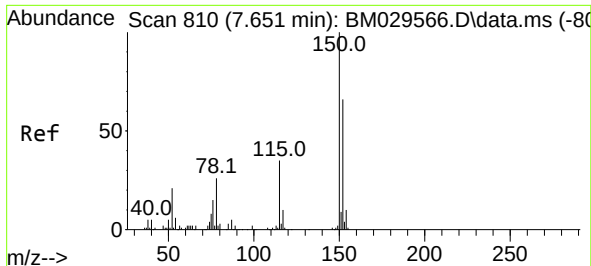
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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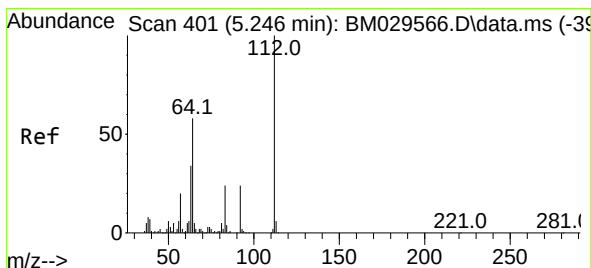
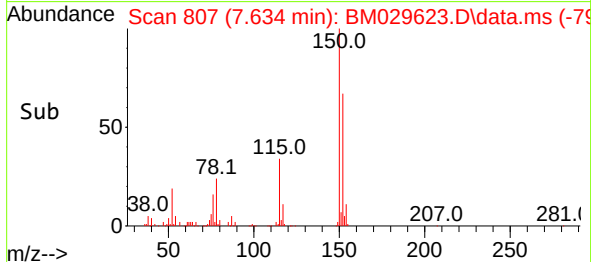
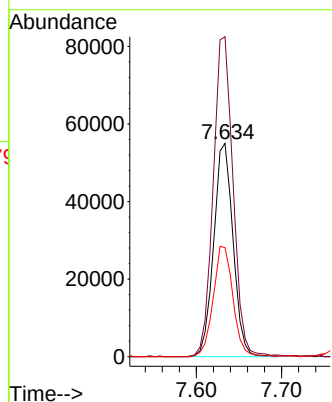
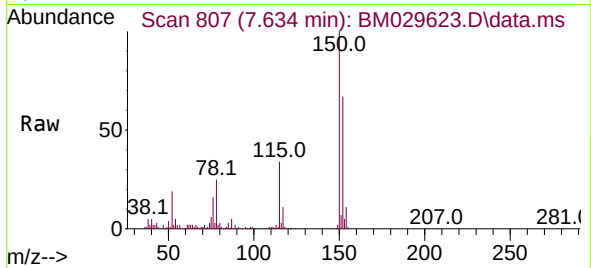




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

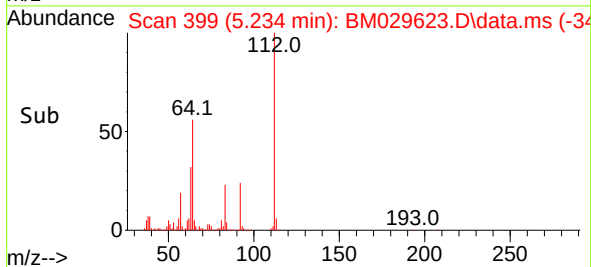
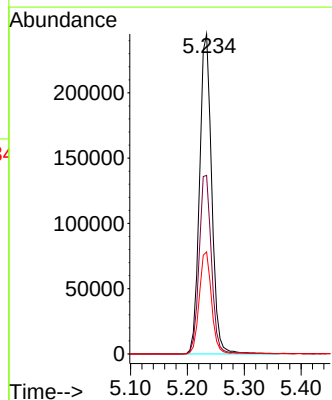
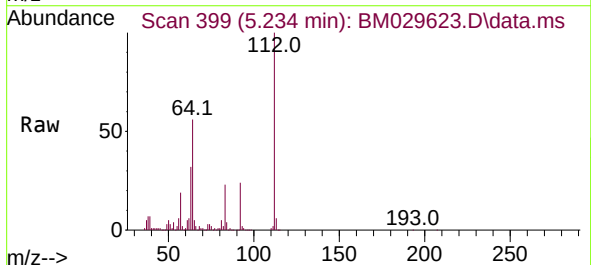
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

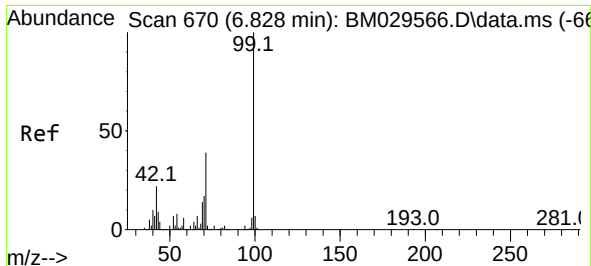
Tgt Ion:152 Resp: 86989
Ion Ratio Lower Upper
152 100
150 150.1 125.9 188.9
115 51.2 44.6 67.0



#5
2-Fluorophenol
Concen: 84.14 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:112 Resp: 365077
Ion Ratio Lower Upper
112 100
64 55.8 47.1 70.7
63 31.9 27.3 40.9

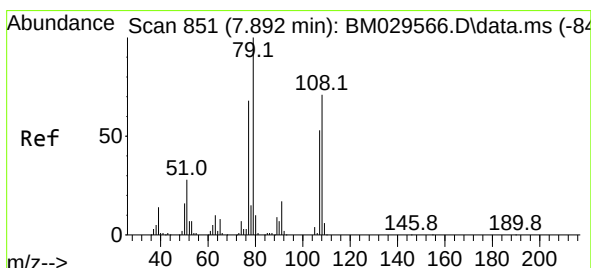
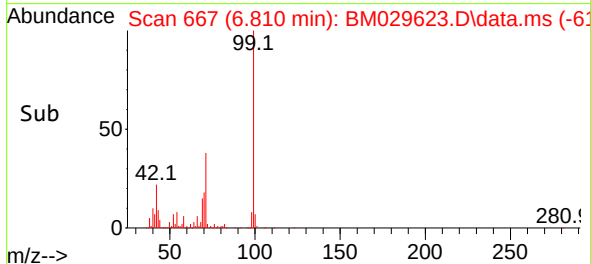
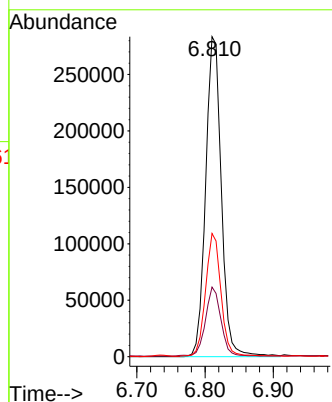
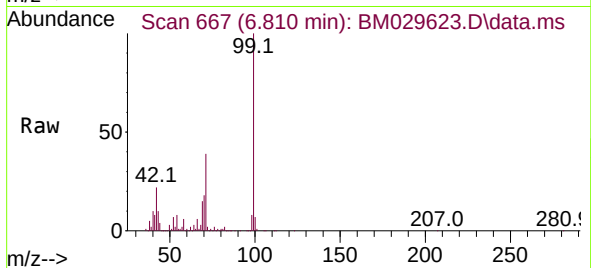




#7
Phenol-d6
Concen: 70.19 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

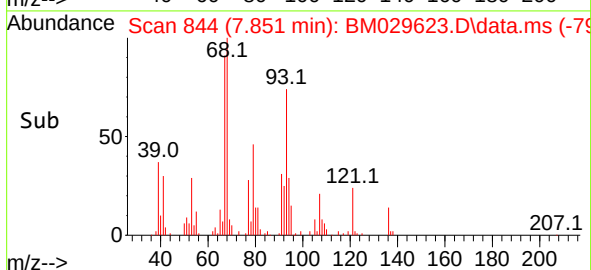
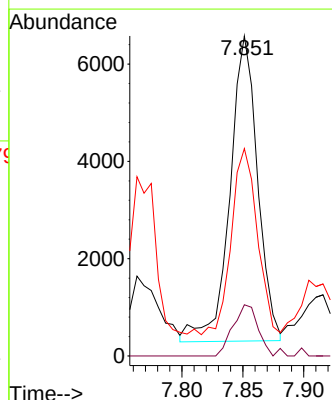
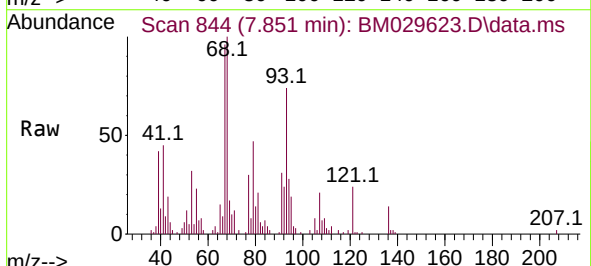
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

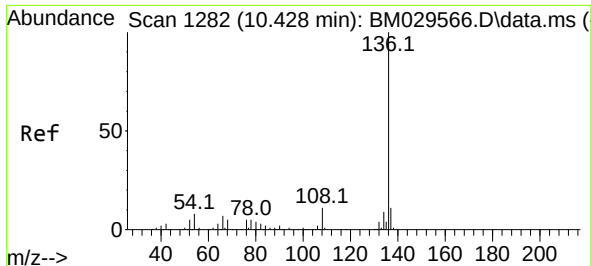
Tgt Ion: 99 Resp: 454886
Ion Ratio Lower Upper
99 100
42 21.8 18.0 27.0
71 38.5 30.9 46.3



#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 7.851 min Scan# 844
Delta R.T. -0.030 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion: 79 Resp: 9951
Ion Ratio Lower Upper
79 100
108 16.0 57.0 85.4#
77 64.8 54.6 81.8

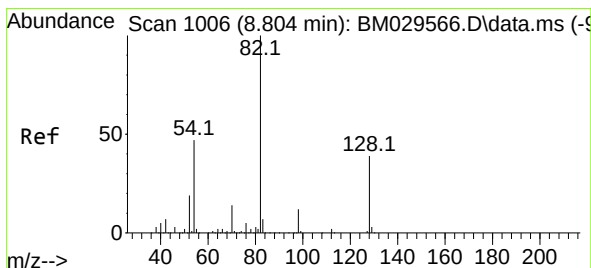
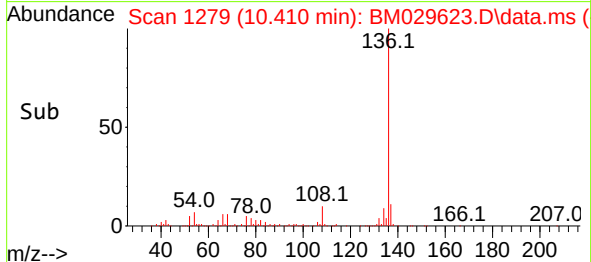
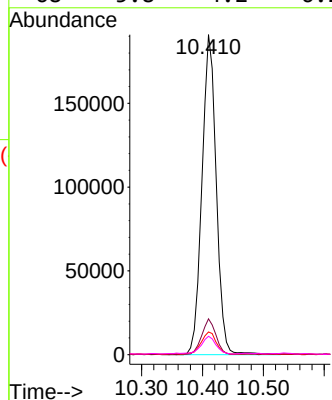
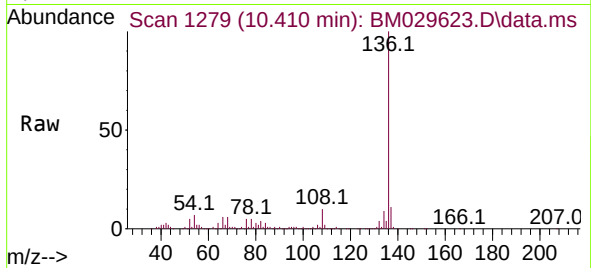




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

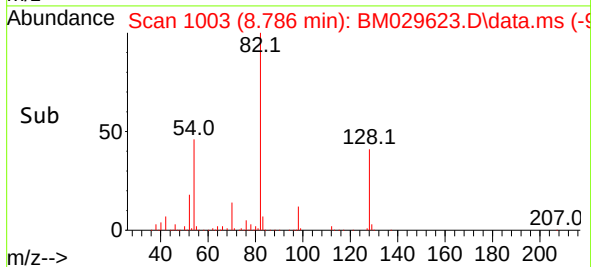
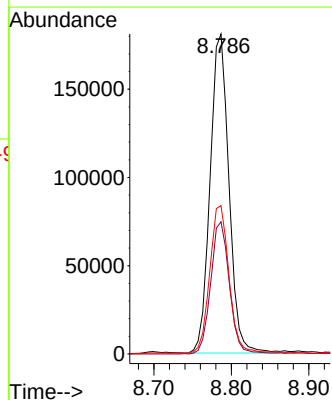
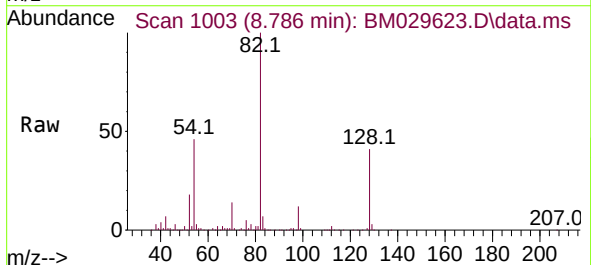
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

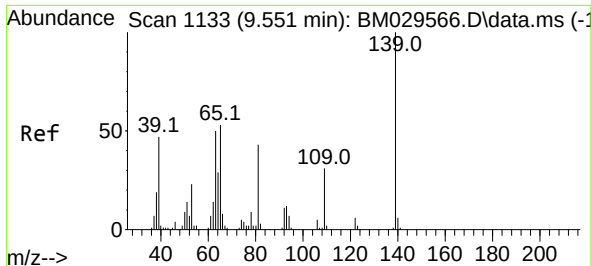
Tgt Ion:136	Resp:	311334
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	7.1	5.5 8.3
68	5.8	4.2 6.2



#23
Nitrobenzene-d5
Concen: 50.54 ng
RT: 8.786 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion: 82	Resp:	305488
Ion Ratio	Lower	Upper
82	100	
128	41.3	31.1 46.7
54	46.4	37.3 55.9

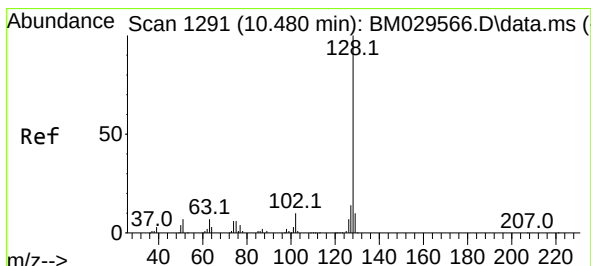
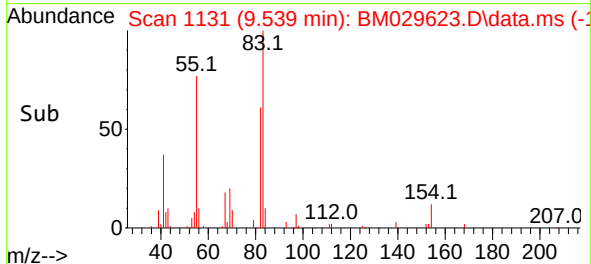
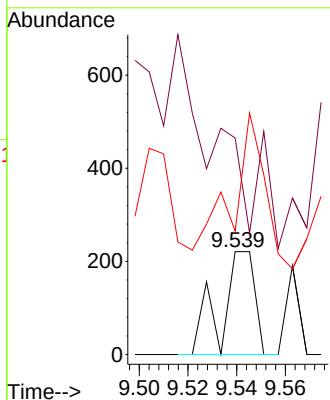
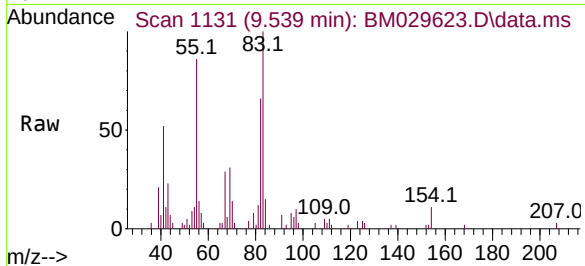




#26
2-Nitrophenol
Concen: 3.26 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

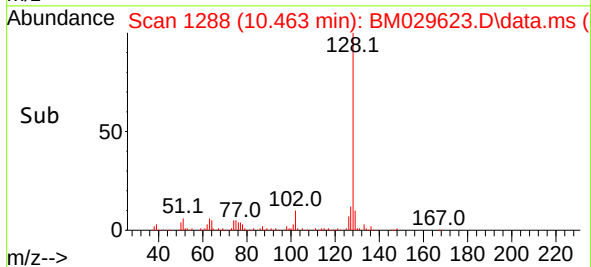
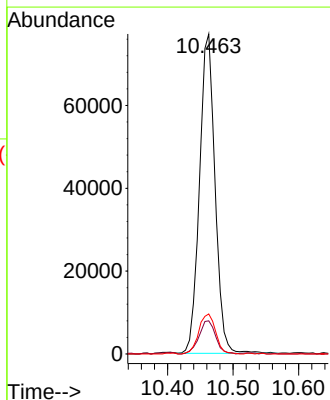
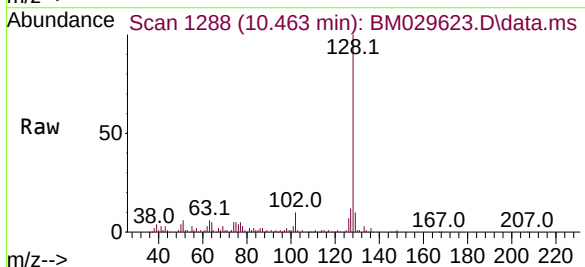
Instrument :
BNA_M
ClientSampleId :
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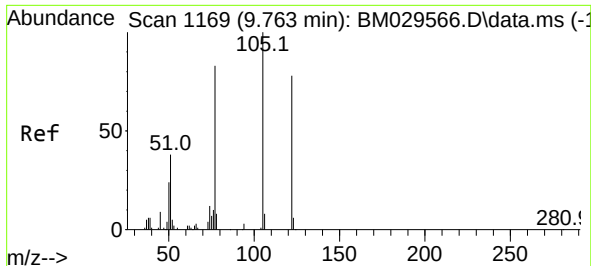
Tgt Ion:139 Resp: 211
Ion Ratio Lower Upper
139 100
109 210.4 26.7 40.1#
65 119.9 41.9 62.9#



#31
Naphthalene
Concen: 7.96 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:128 Resp: 127425
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.5 10.8 16.2

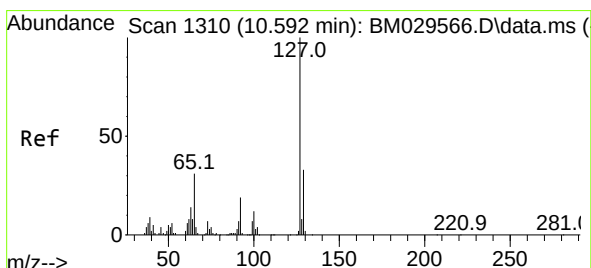
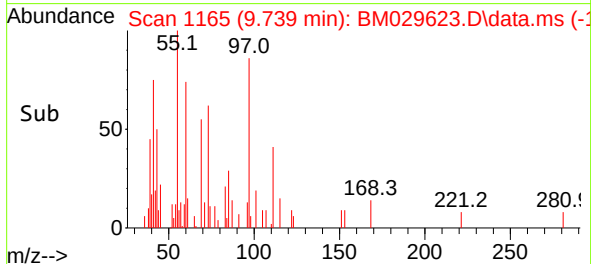
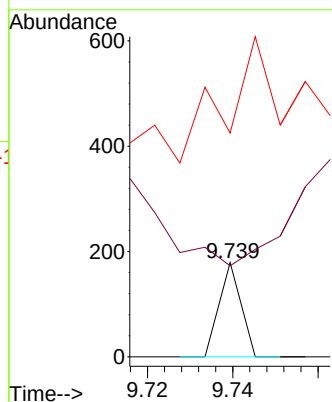
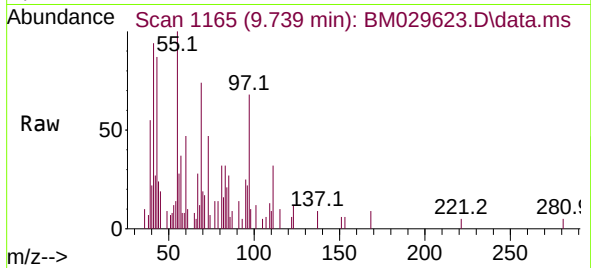




#32
Benzoic acid
Concen: 7.23 ng
RT: 9.739 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

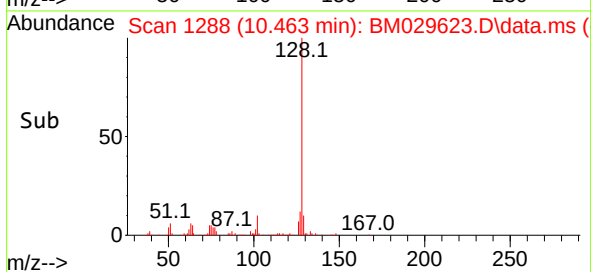
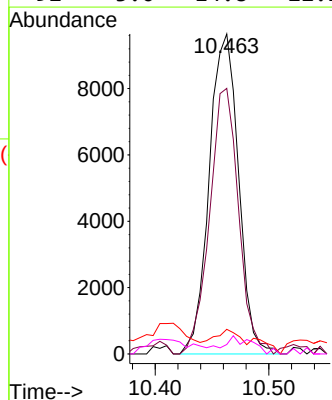
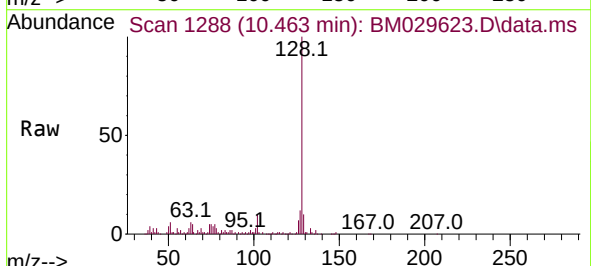
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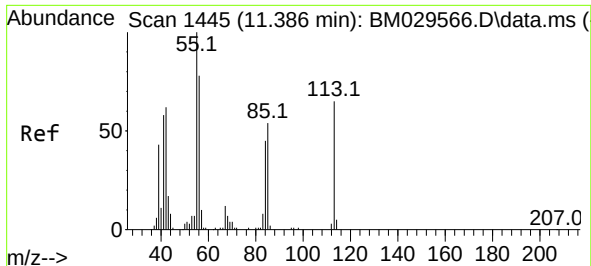
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 96.6 107.3 147.3#
77 237.4 88.0 128.0#



#33
4-Chloroaniline
Concen: 2.74 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.118 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:127 Resp: 17313
Ion Ratio Lower Upper
127 100
129 83.0 26.8 40.2#
65 7.7 25.2 37.8#
92 3.0 14.8 22.2#

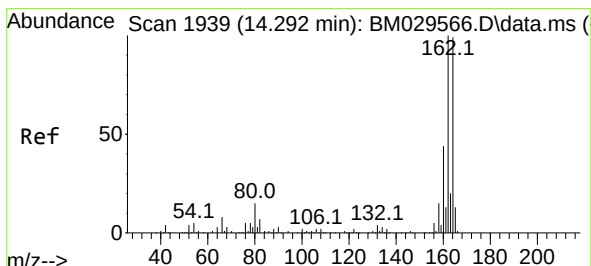
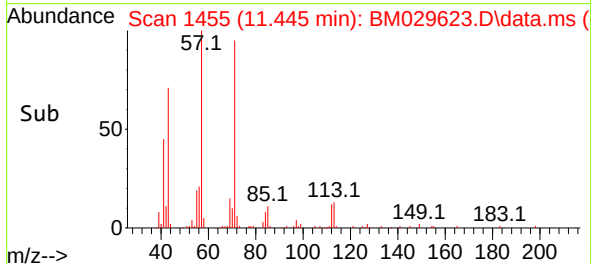
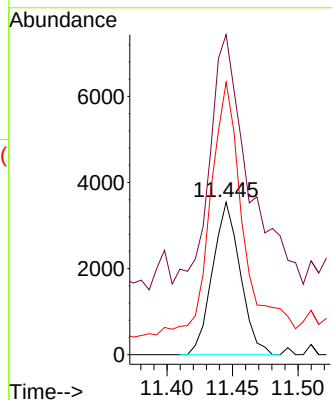
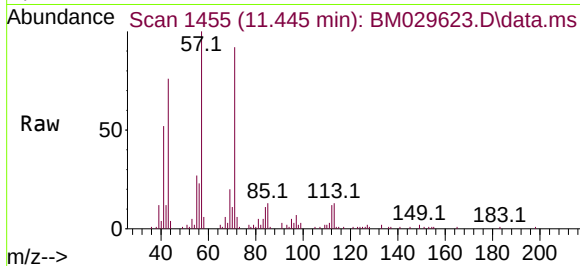




#35
Caprolactam
Concen: 3.19 ng
RT: 11.445 min Scan# 1455
Delta R.T. 0.076 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

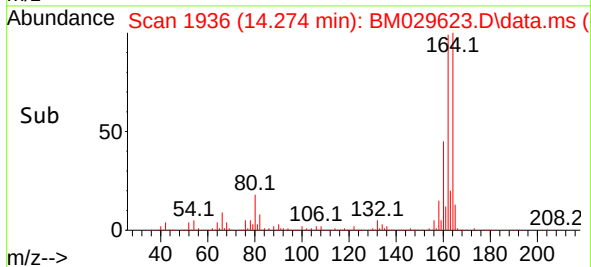
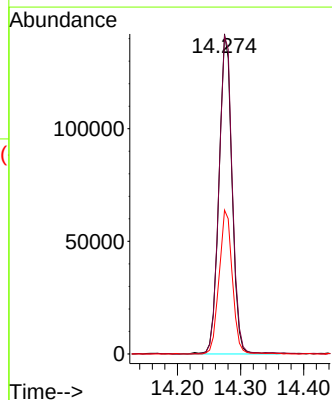
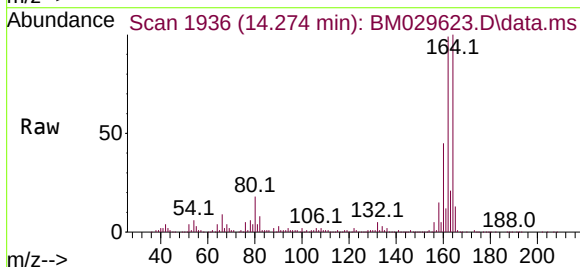
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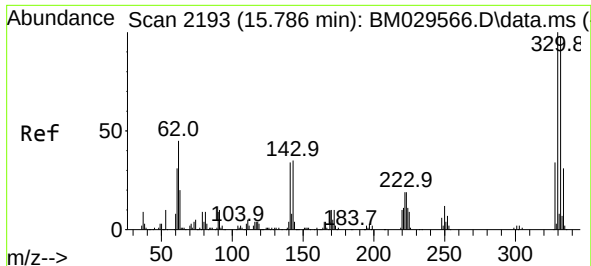
Tgt Ion:113 Resp: 5204
Ion Ratio Lower Upper
113 100
55 209.9 132.0 172.0#
56 178.7 96.3 136.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

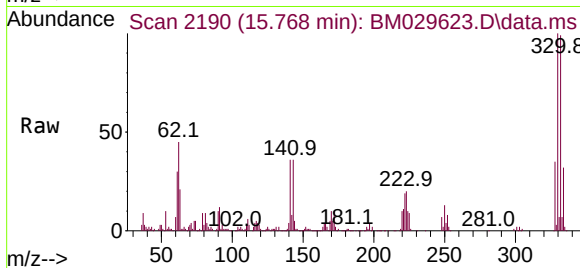
Tgt Ion:164 Resp: 204054
Ion Ratio Lower Upper
164 100
162 99.4 83.4 125.0
160 45.0 37.2 55.8



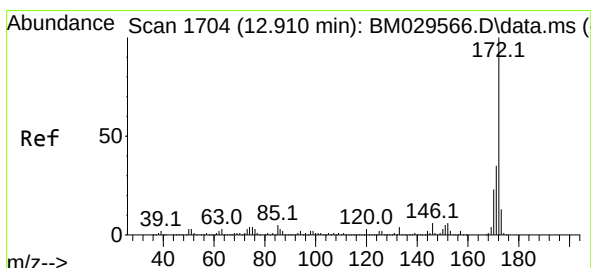
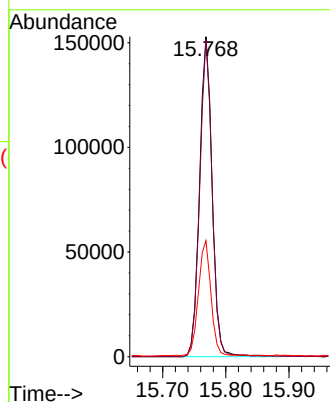
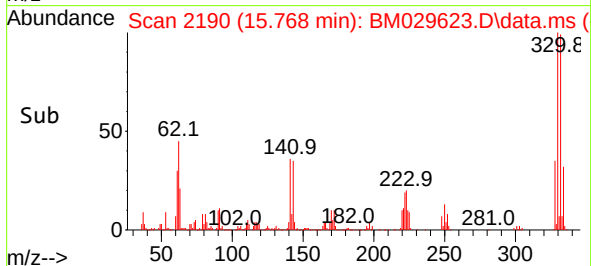


#42
2,4,6-Tribromophenol
Concen: 75.02 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

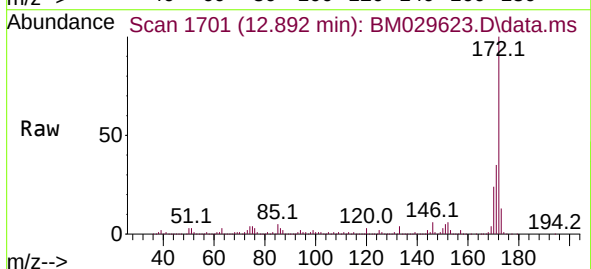
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0



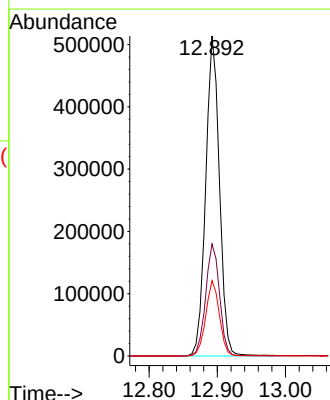
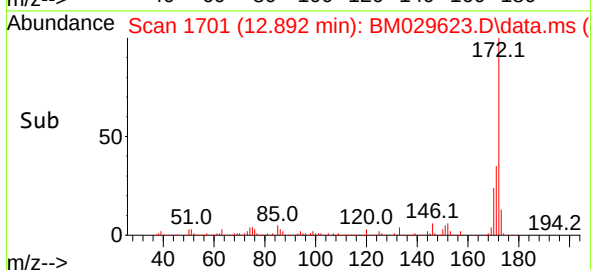
Tgt Ion:330 Resp: 211694
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.1 30.2 45.2

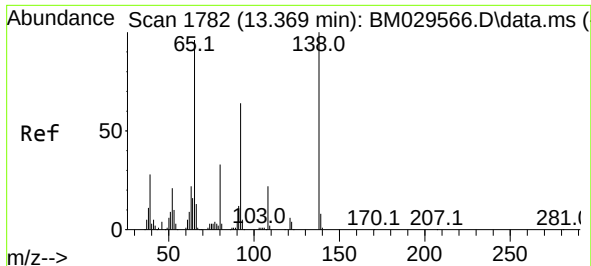


#45
2-Fluorobiphenyl
Concen: 47.94 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20



Tgt Ion:172 Resp: 720716
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 18.4 27.6

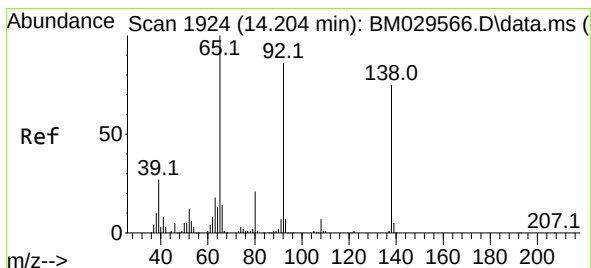
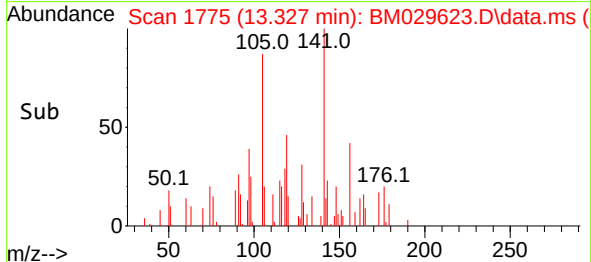
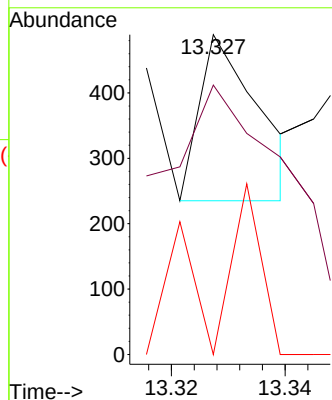
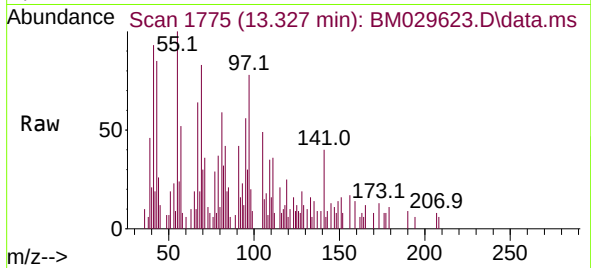




#48
2-Nitroaniline
Concen: 2.91 ng
RT: 13.327 min Scan# 1775
Delta R.T. -0.030 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

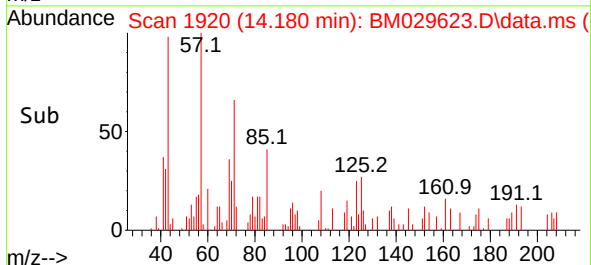
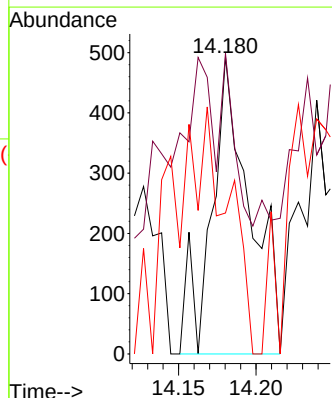
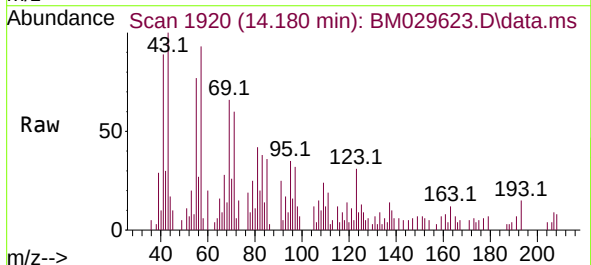
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

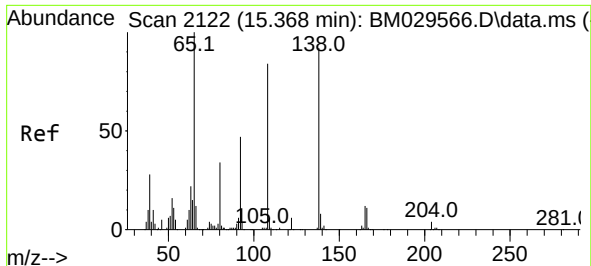
Tgt Ion: 65 Resp: 185
Ion Ratio Lower Upper
65 100
92 84.3 55.5 83.3#
138 0.0 85.7 128.5#



#53
3-Nitroaniline
Concen: 3.24 ng
RT: 14.180 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion: 138 Resp: 854
Ion Ratio Lower Upper
138 100
108 101.2 7.7 11.5#
92 47.5 92.6 138.8#

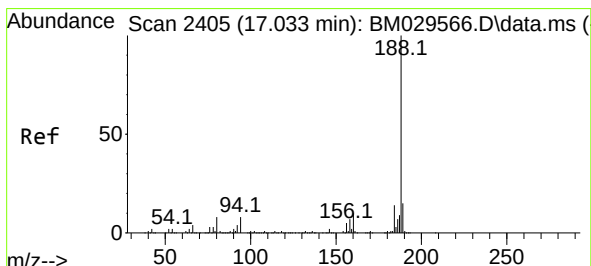
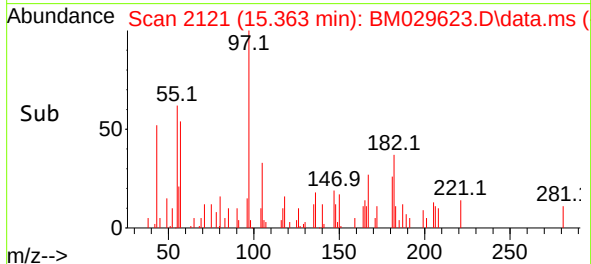
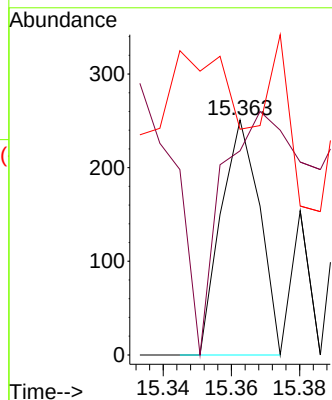
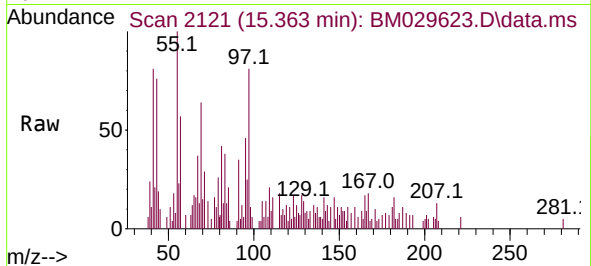




#62
4-Nitroaniline
Concen: 3.51 ng
RT: 15.363 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

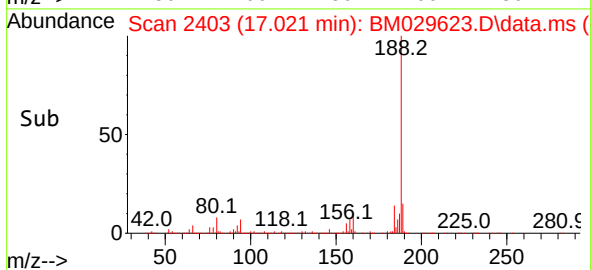
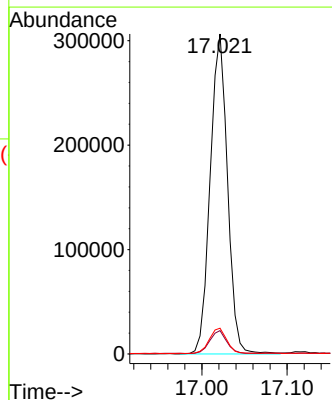
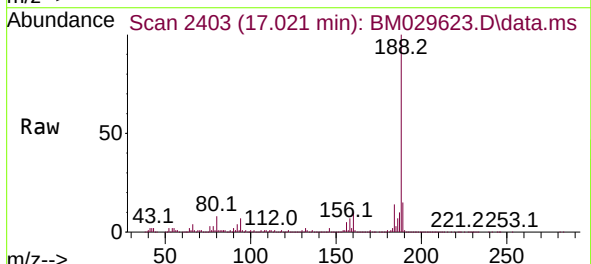
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

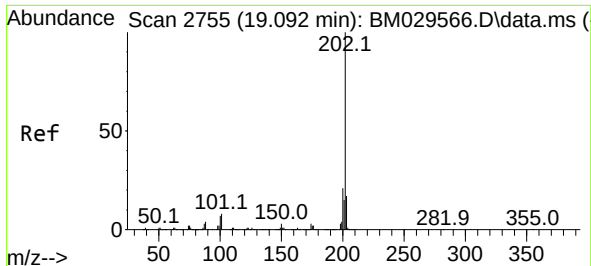
Tgt Ion:138 Resp: 198
Ion Ratio Lower Upper
138 100
92 86.9 33.4 73.4#
108 96.0 75.5 115.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:188 Resp: 432073
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.0 6.6 9.8

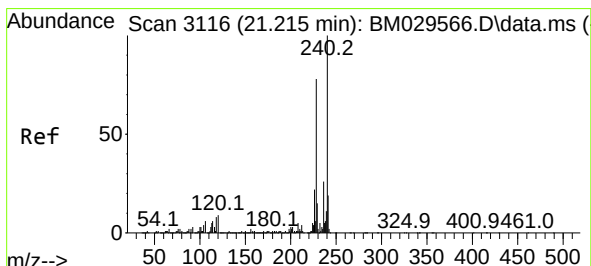
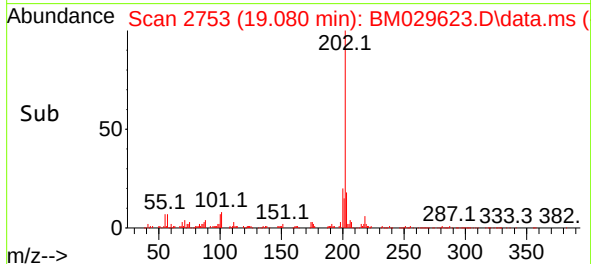
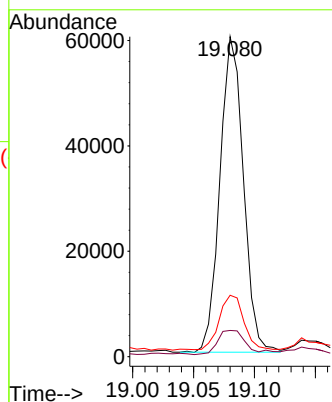
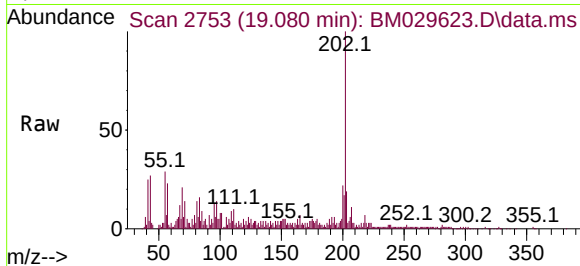




#75
Fluoranthene
Concen: 2.66 ng
RT: 19.080 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

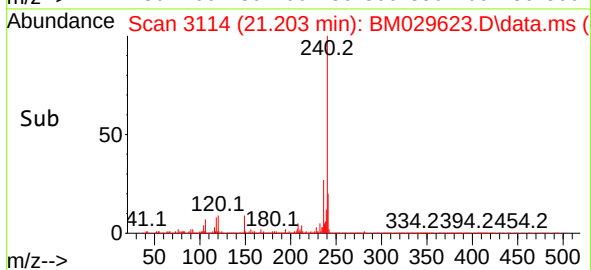
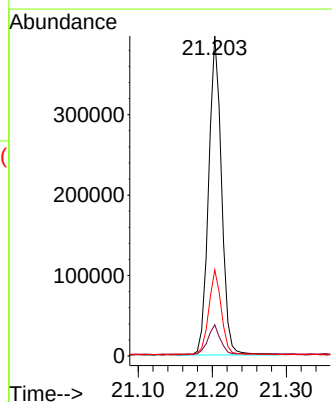
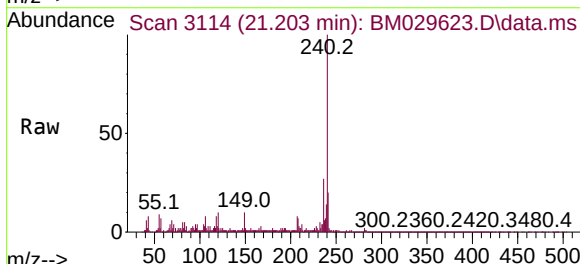
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

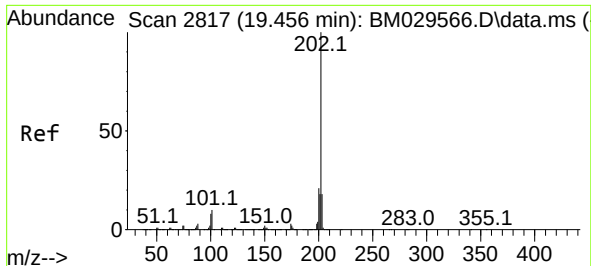
Tgt Ion:202	Resp:	80269
Ion Ratio	Lower	Upper
202	100	
101	8.2	0.0 28.6
203	19.2	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:240	Resp:	480413
Ion Ratio	Lower	Upper
240	100	
120	9.7	7.0 10.6
236	26.9	21.0 31.4

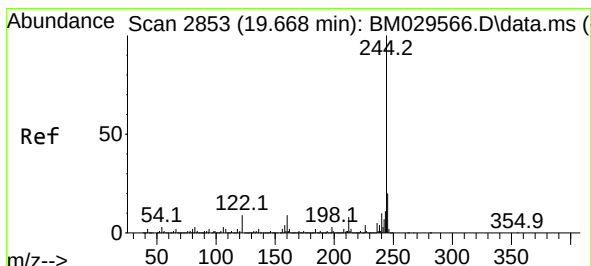
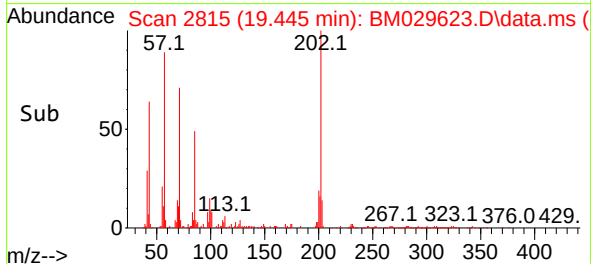
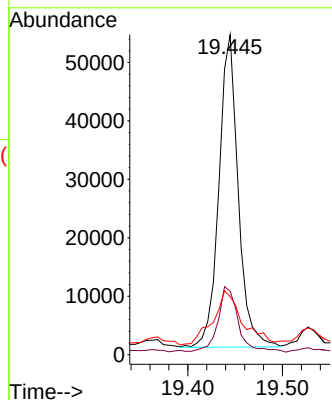
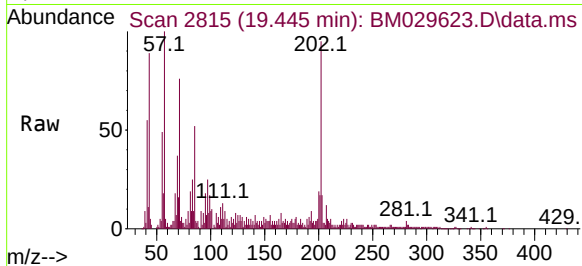




#78
Pyrene
Concen: 2.46 ng
RT: 19.445 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

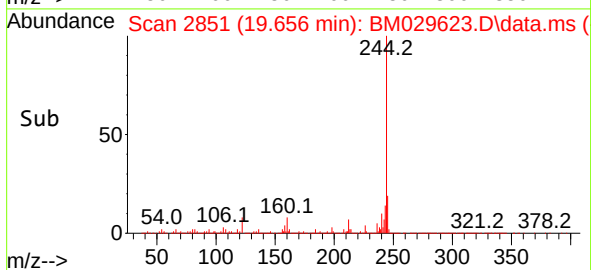
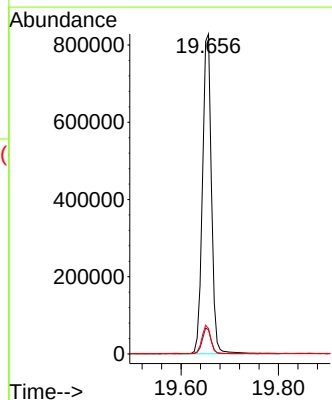
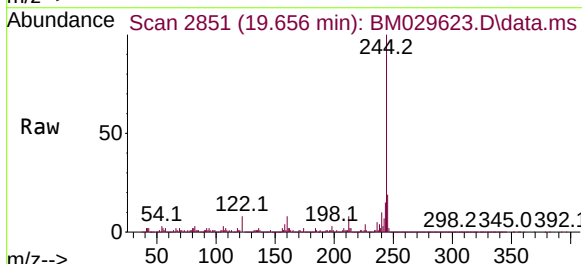
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

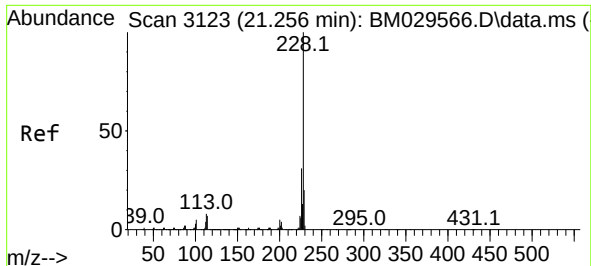
Tgt Ion:202	Resp:	75889
Ion Ratio	Lower	Upper
202	100	
200	19.8	17.3 25.9
203	18.2	13.9 20.9



#79
Terphenyl-d14
Concen: 41.70 ng
RT: 19.656 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:244	Resp:	1056799
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.3 9.5
122	7.9	6.9 10.3

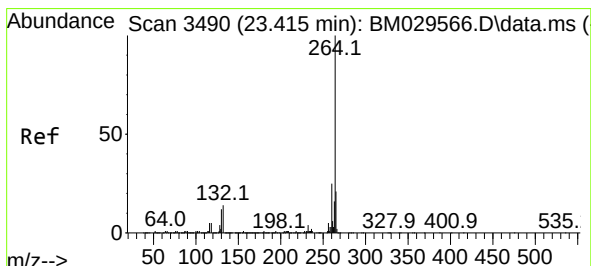
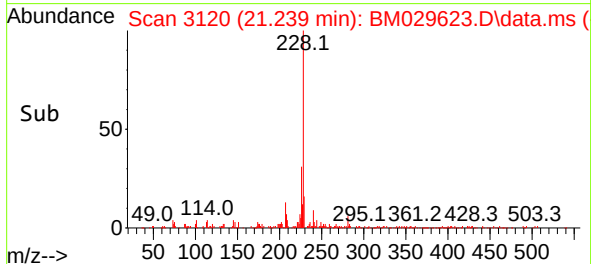
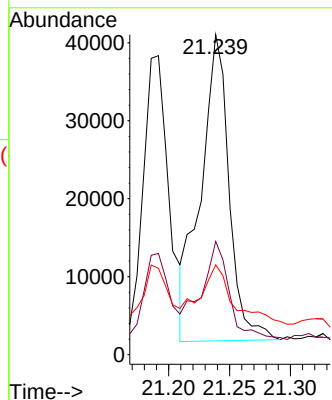
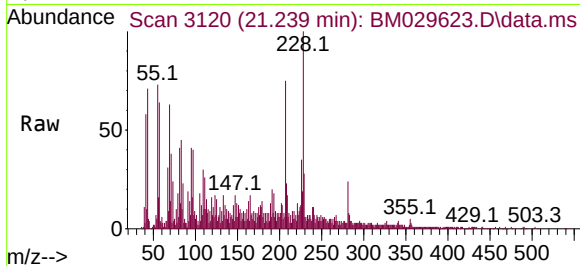




#83
Chrysene
Concen: 2.05 ng
RT: 21.239 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

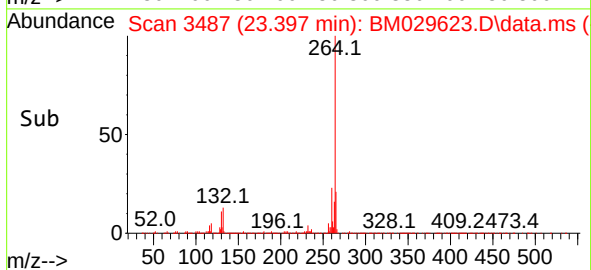
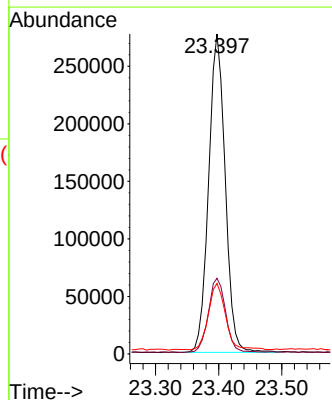
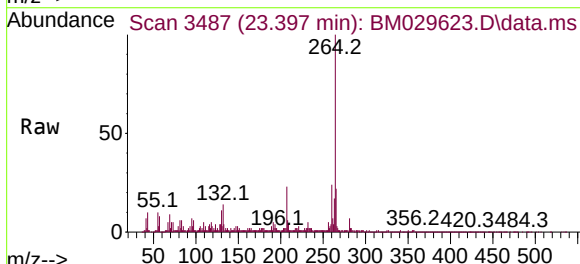
Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

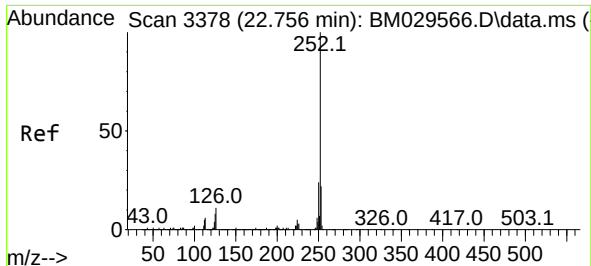
Tgt Ion:228	Resp: 64043
Ion Ratio	Lower Upper
228 100	
226 35.4	24.6 36.8
229 28.1	15.5 23.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.397 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:264	Resp: 503775
Ion Ratio	Lower Upper
264 100	
260 23.7	19.8 29.8
265 22.1	17.7 26.5

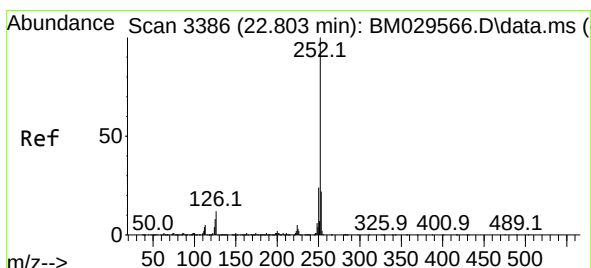
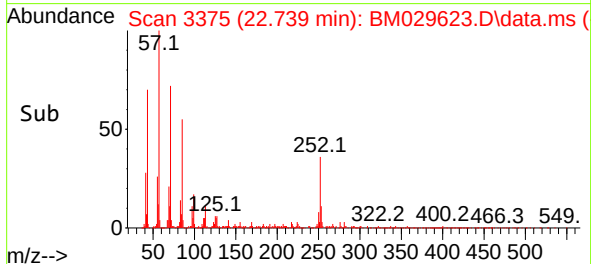
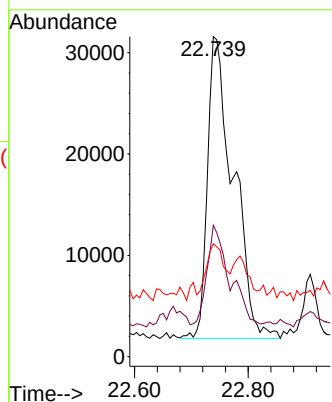
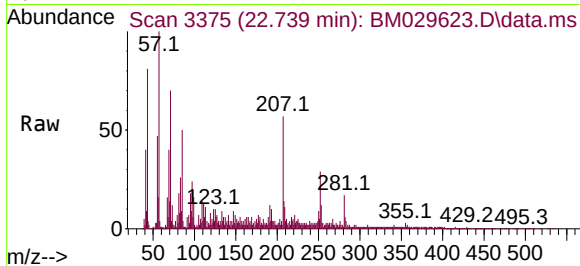




#88
Benzo(b)fluoranthene
Concen: 2.86 ng
RT: 22.739 min Scan# 3375
Delta R.T. -0.000 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Instrument :
BNA_M
ClientSampleId :
SB-35-10.5-11.0

Tgt Ion:252 Resp: 93878
Ion Ratio Lower Upper
252 100
253 41.0 17.4 26.0#
125 35.3 6.8 10.2#



#89
Benzo(k)fluoranthene
Concen: 2.85 ng
RT: 22.739 min Scan# 3375
Delta R.T. -0.047 min
Lab File: BM029623.D
Acq: 23 Apr 2021 21:20

Tgt Ion:252 Resp: 93878
Ion Ratio Lower Upper
252 100
253 41.0 17.4 26.2#
125 35.3 6.2 9.2#

