

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029732.D
 Acq On : 30 Apr 2021 16:47
 Operator : CG/JU
 Sample : M2077-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-20-14.5-15.0-DUP

Quant Time: Apr 30 17:17:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

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

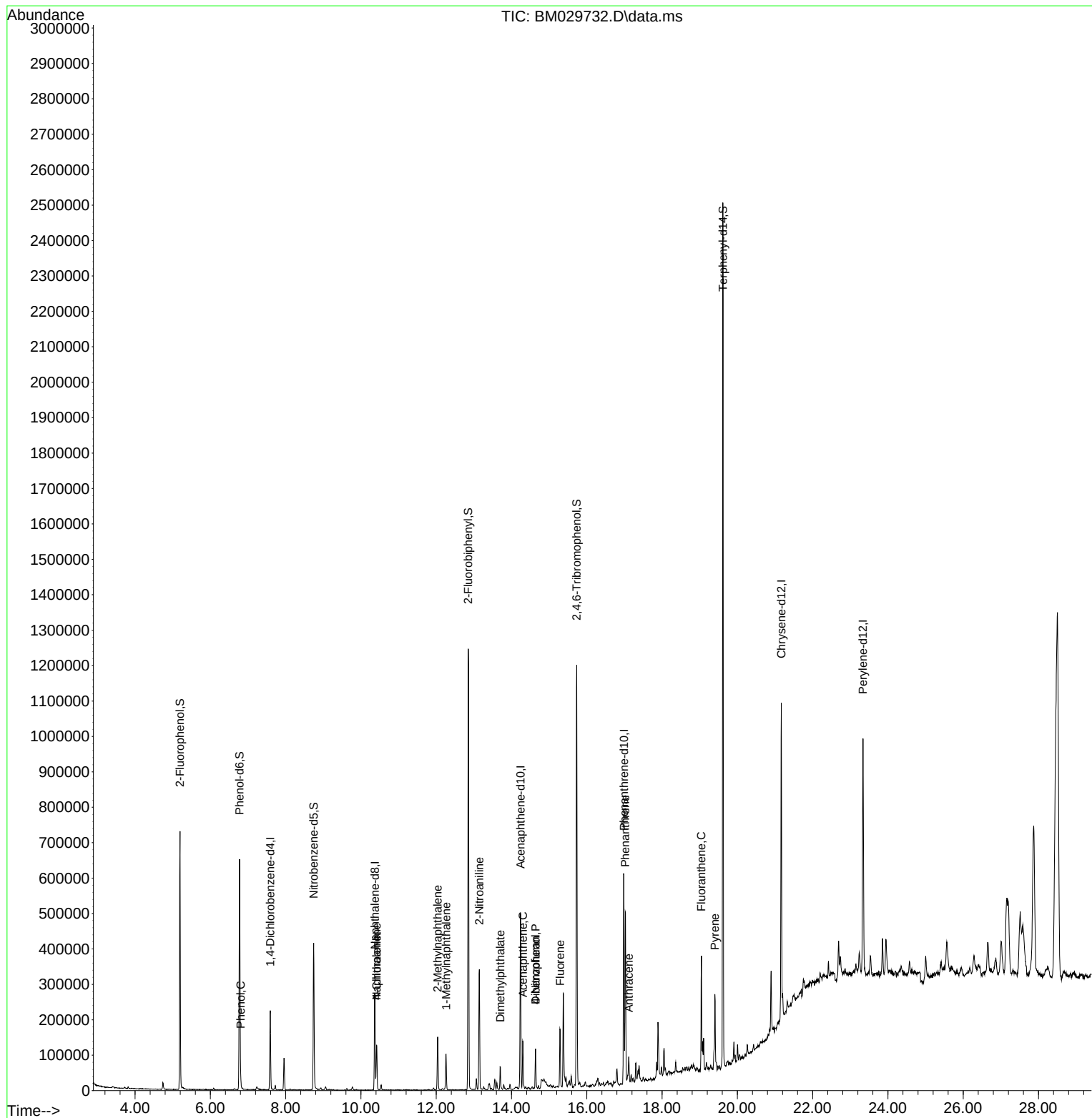
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	66325	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	232365	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	171988	20.00	ng	0.00
64) Phenanthrene-d10	16.986	188	378878	20.00	ng	# 0.00
76) Chrysene-d12	21.168	240	430507	20.00	ng	-0.01
86) Perylene-d12	23.339	264	461286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	310874	97.72	ng	0.00
7) Phenol-d6	6.775	99	371909	86.10	ng	0.00
23) Nitrobenzene-d5	8.745	82	249928	62.15	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	248075	90.85	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	703179	53.02	ng	-0.01
79) Terphenyl-d14	19.615	244	1121616	47.82	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.804	94	9382	2.27	ng	88
31) Naphthalene	10.416	128	109356	9.20	ng	99
33) 4-Chloroaniline	10.416	127	13900	3.06	ng	# 37
37) 2-Methylnaphthalene	12.039	142	75775	8.29	ng	97
38) 1-Methylnaphthalene	12.263	142	51332	5.90	ng	97
48) 2-Nitroaniline	13.145	65	6358	2.94	ng	# 13
50) Dimethylphthalate	13.704	163	46294	3.52	ng	99
52) Acenaphthene	14.304	154	50338	5.13	ng	97
55) Dibenzofuran	14.639	168	72876	4.41	ng	96
56) 4-Nitrophenol	14.639	139	24404	12.76	ng	# 5
58) Fluorene	15.292	166	77586	5.72	ng	98
71) Phenanthrene	17.021	178	321567	15.06	ng	99
72) Anthracene	17.115	178	45414	2.14	ng	99
75) Fluoranthene	19.045	202	194471	7.42	ng	99
78) Pyrene	19.404	202	135429	4.91	ng	98

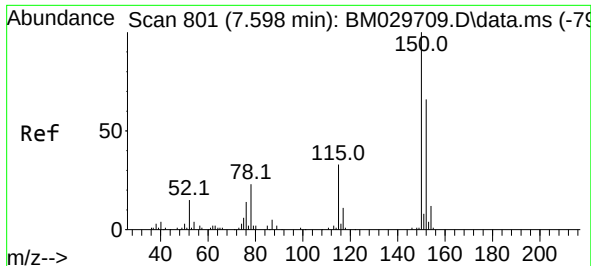
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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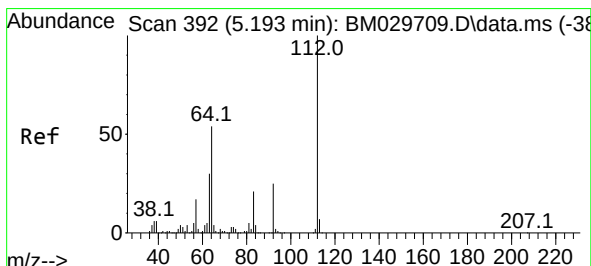
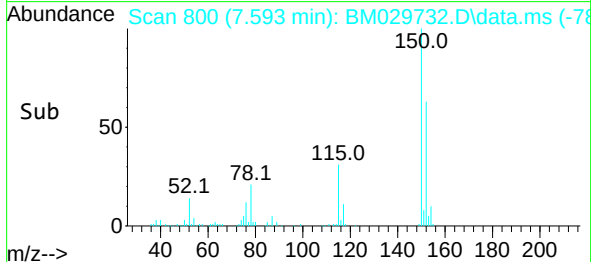
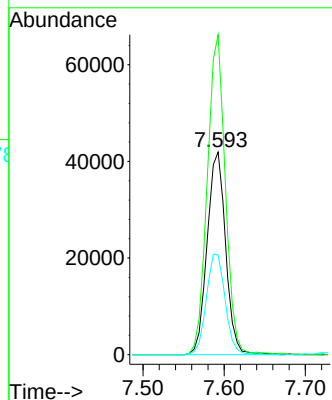
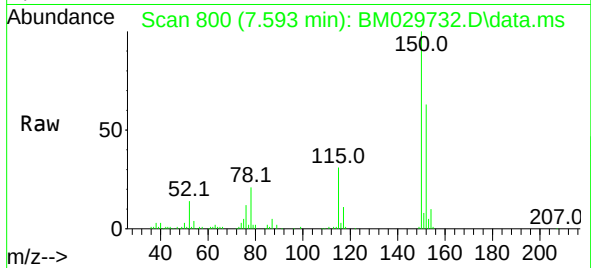




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.593 min Scan# 800
Delta R.T. -0.005 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

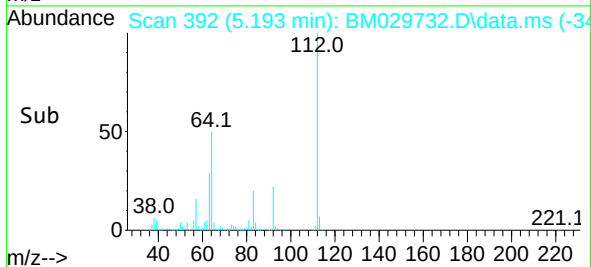
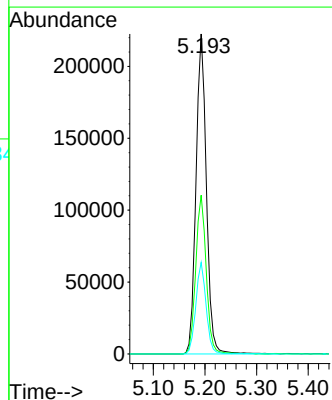
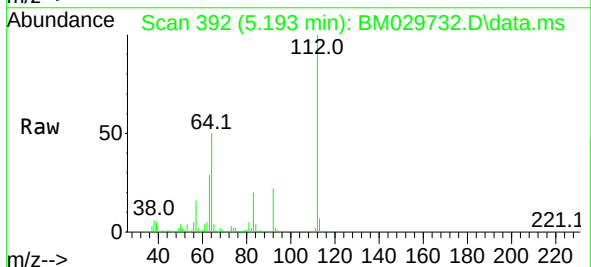
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

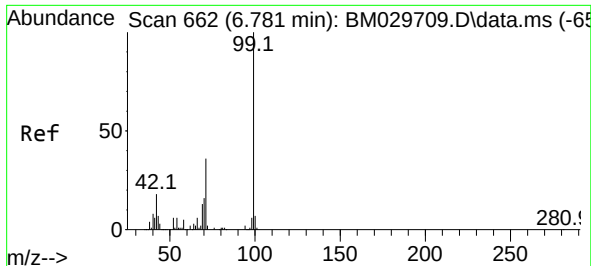
Tgt Ion:152 Resp: 66325
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 49.2 44.6 67.0



#5
2-Fluorophenol
Concen: 97.72 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:112 Resp: 310874
Ion Ratio Lower Upper
112 100
64 49.6 47.1 70.7
63 28.6 27.3 40.9

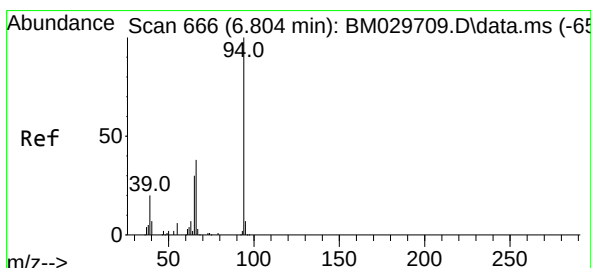
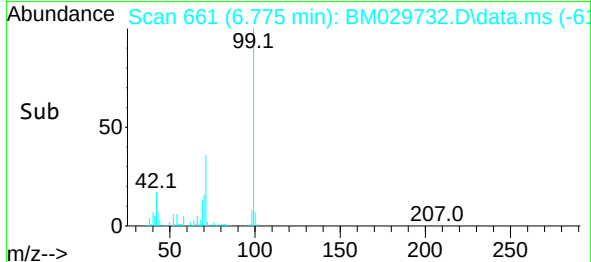
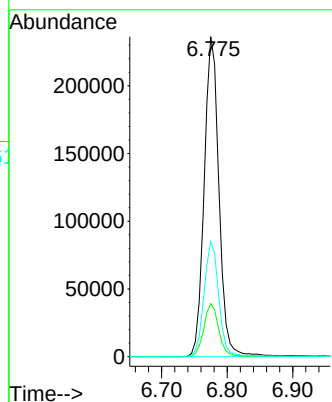
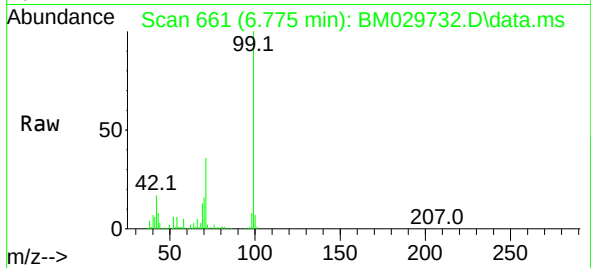




#7
Phenol-d6
Concen: 86.10 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

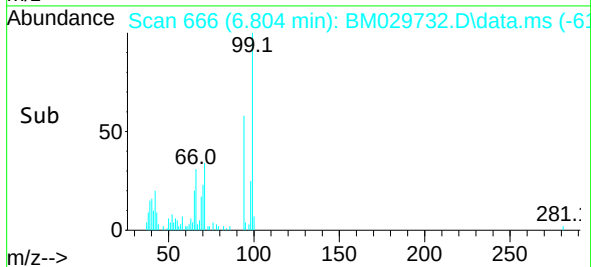
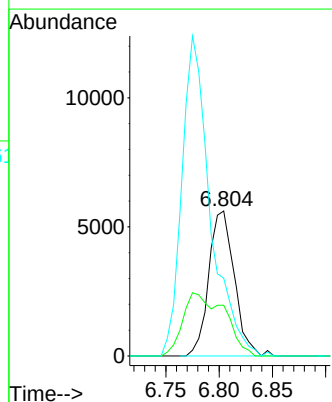
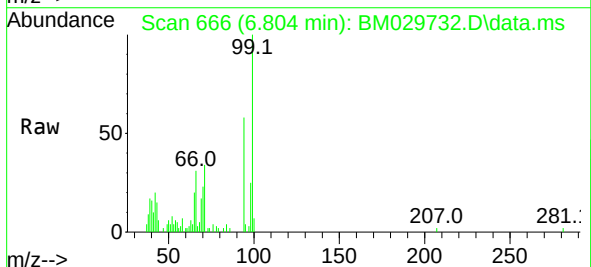
Instrument :
BNA_M
ClientSampleId :
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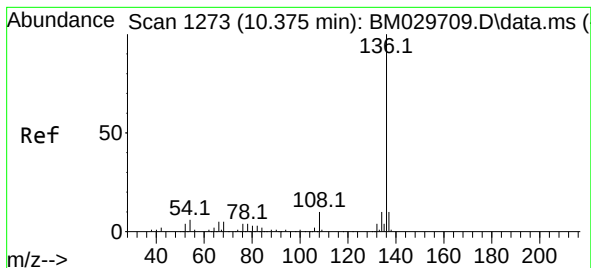
Tgt Ion: 99 Resp: 371909
Ion Ratio Lower Upper
99 100
42 16.6 18.0 27.0#
71 36.0 30.9 46.3



#10
Phenol
Concen: 2.27 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion: 94 Resp: 9382
Ion Ratio Lower Upper
94 100
65 35.0 11.9 51.9
66 53.7 22.6 62.6

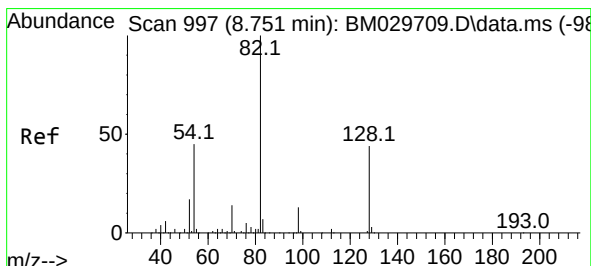
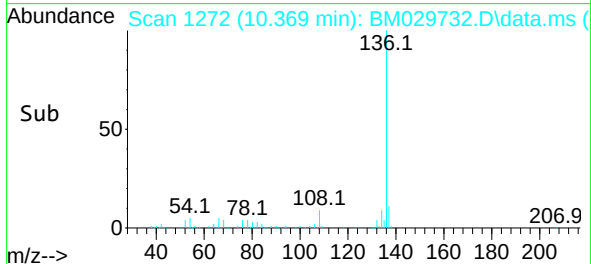
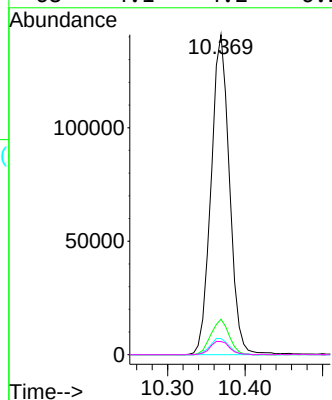
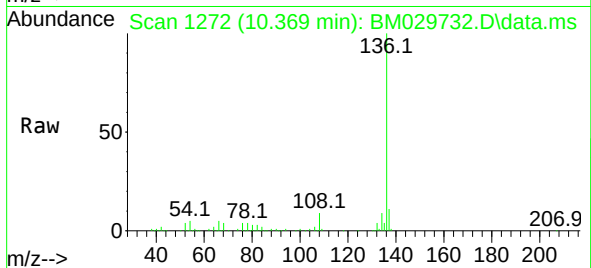




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

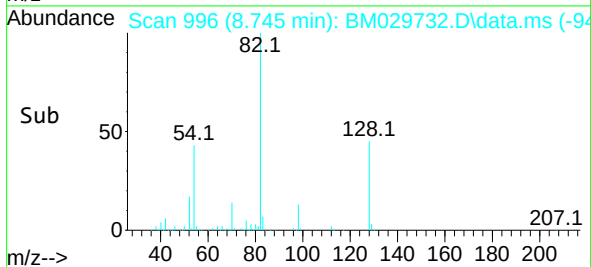
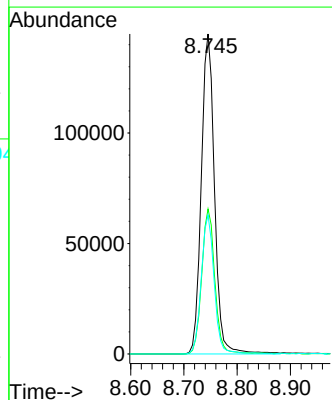
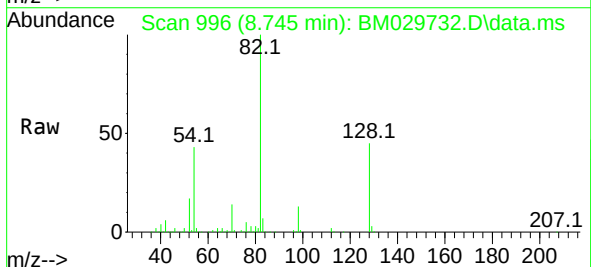
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

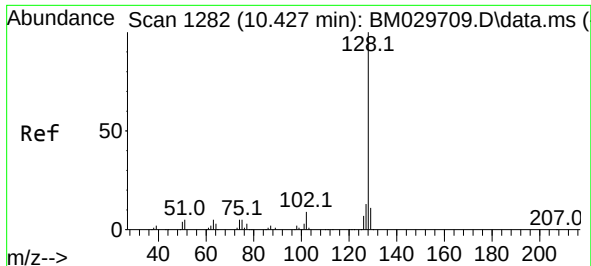
Tgt Ion:	136	Resp:	232365
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	5.1	5.5	8.3#
68	4.1	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 62.15 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:	82	Resp:	249928
Ion	Ratio	Lower	Upper
82	100		
128	45.3	31.1	46.7
54	43.4	37.3	55.9

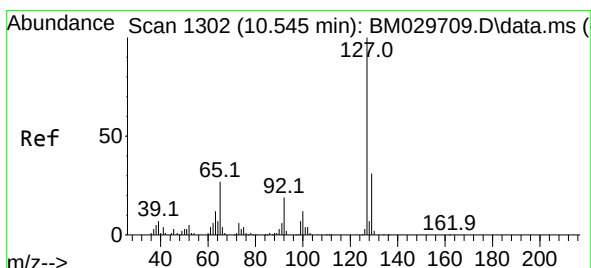
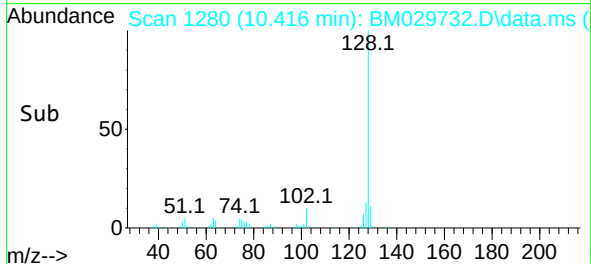
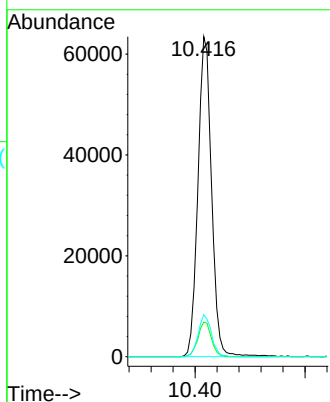
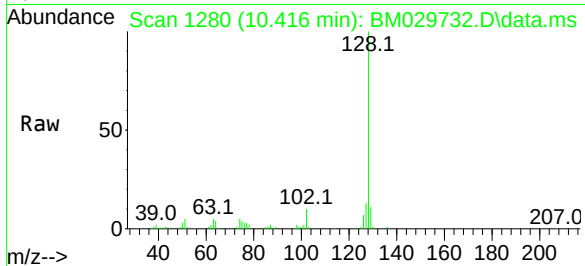




#31
Naphthalene
Concen: 9.20 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

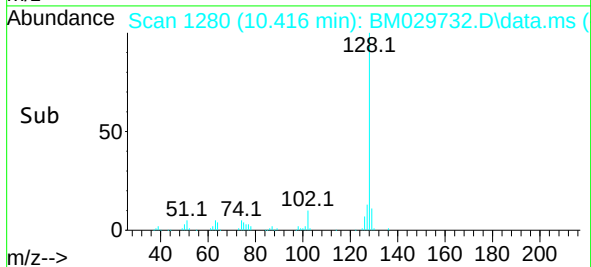
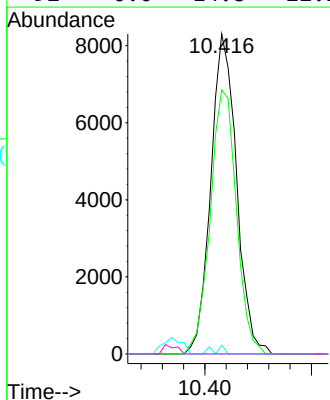
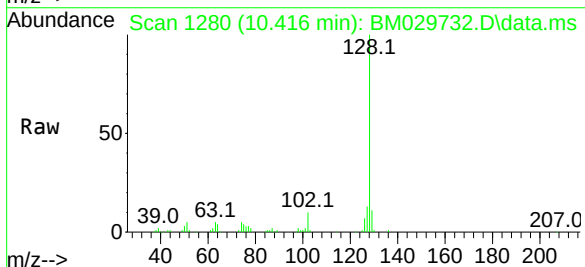
Instrument :
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ClientSampleId :
SB-20-14.5-15.0-DUP

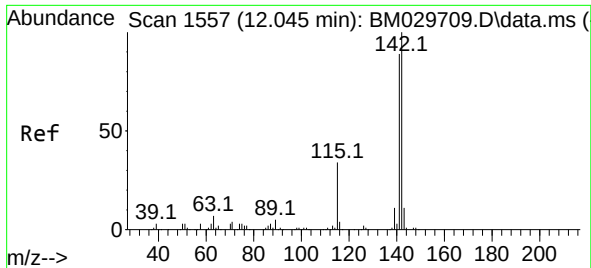
Tgt Ion:128 Resp: 109356
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.8 16.2



#33
4-Chloroaniline
Concen: 3.06 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.129 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:127 Resp: 13900
Ion Ratio Lower Upper
127 100
129 82.5 26.8 40.2#
65 2.7 25.2 37.8#
92 0.0 14.8 22.2#

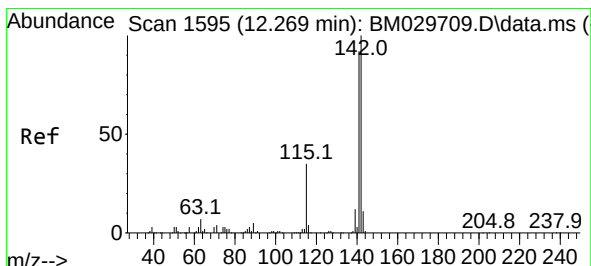
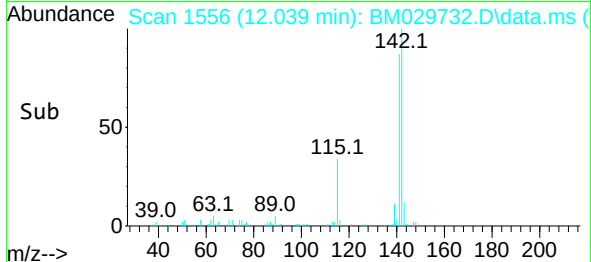
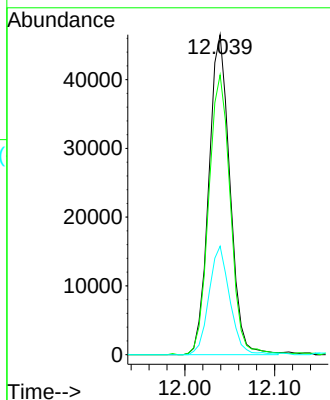
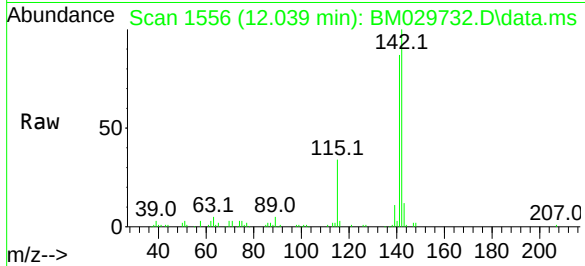




#37
2-Methylnaphthalene
Concen: 8.29 ng
RT: 12.039 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

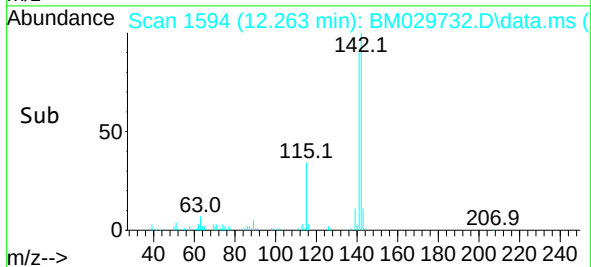
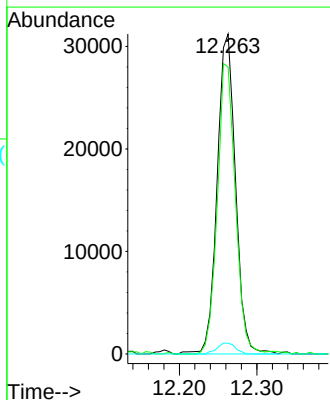
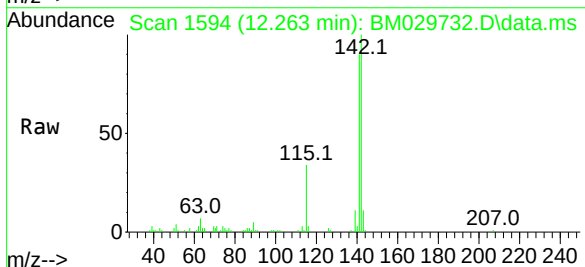
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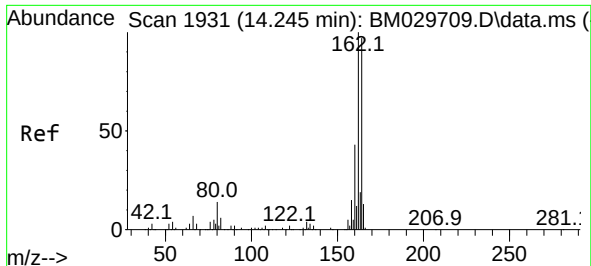
Tgt Ion:142 Resp: 75775
Ion Ratio Lower Upper
142 100
141 87.5 71.7 107.5
115 33.9 29.1 43.7



#38
1-Methylnaphthalene
Concen: 5.90 ng
RT: 12.263 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:142 Resp: 51332
Ion Ratio Lower Upper
142 100
141 89.6 74.2 111.4
116 3.4 3.0 4.6

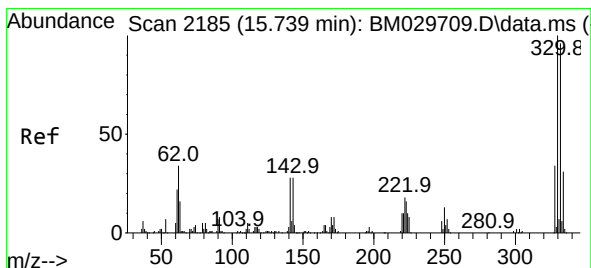
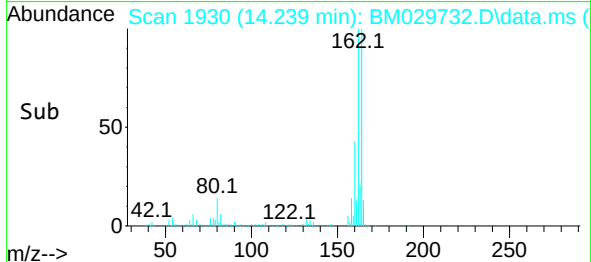
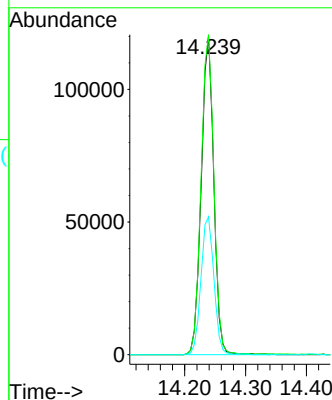
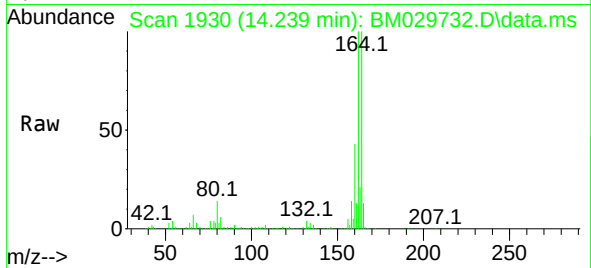




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

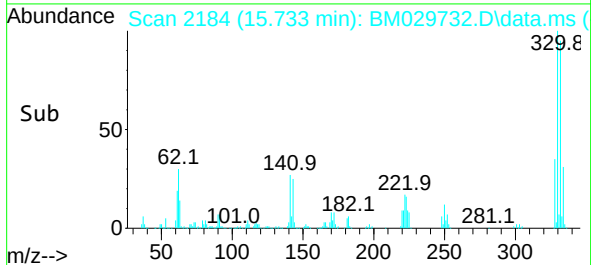
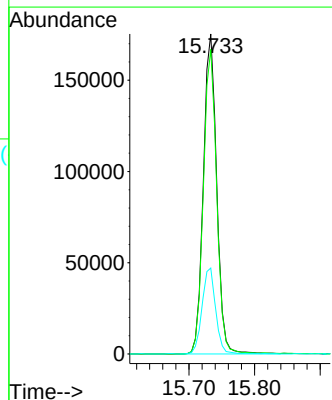
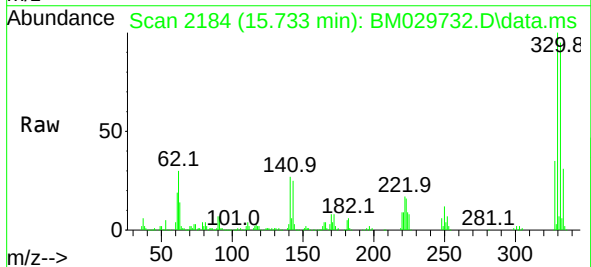
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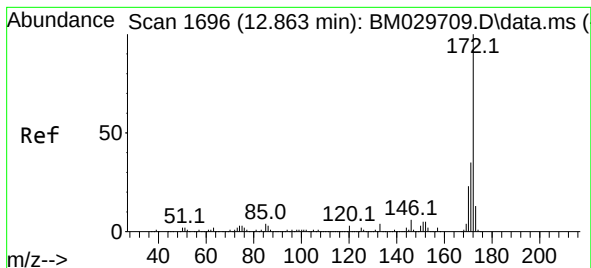
Tgt Ion:164 Resp: 171988
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.0
160 43.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 90.85 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:330 Resp: 248075
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.4
141 27.3 30.2 45.2#

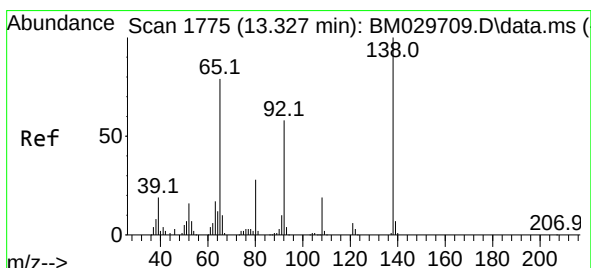
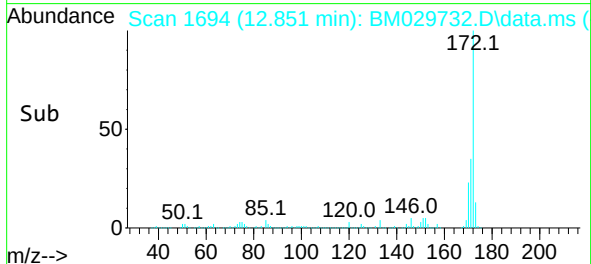
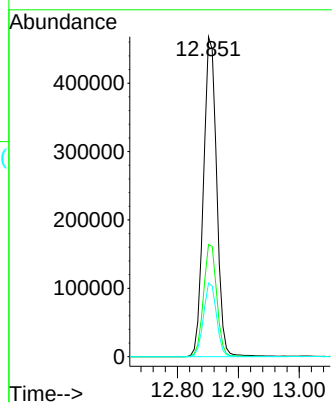
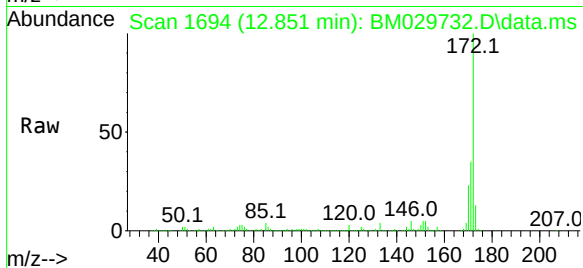




#45
2-Fluorobiphenyl
Concen: 53.02 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

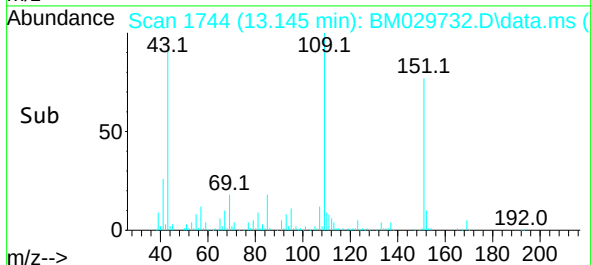
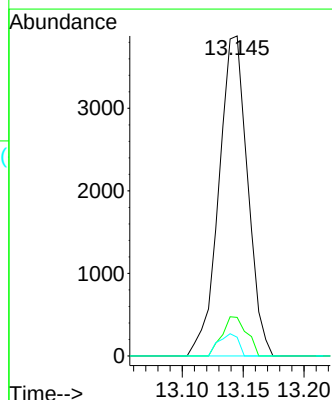
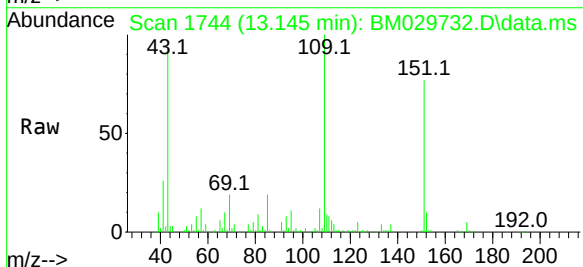
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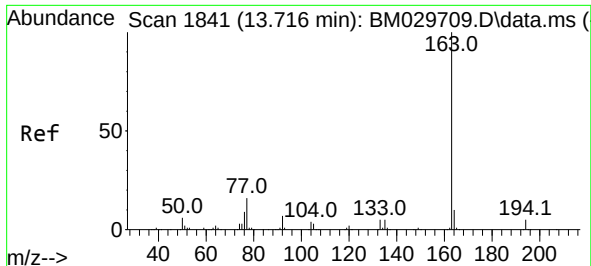
Tgt Ion:172 Resp: 703179
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.0 18.4 27.6



#48
2-Nitroaniline
Concen: 2.94 ng
RT: 13.145 min Scan# 1744
Delta R.T. -0.182 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion: 65 Resp: 6358
Ion Ratio Lower Upper
65 100
92 12.1 55.5 83.3#
138 5.9 85.7 128.5#

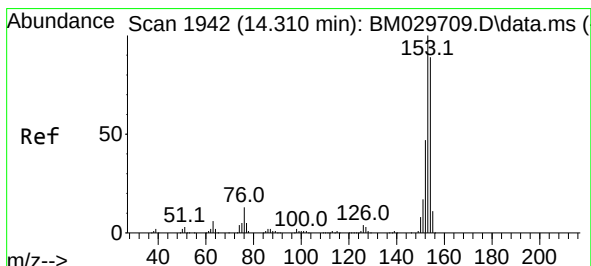
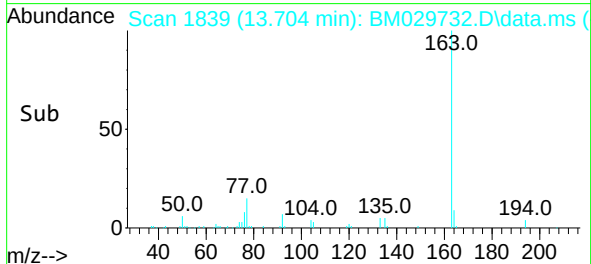
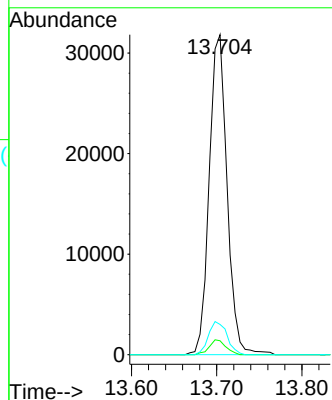
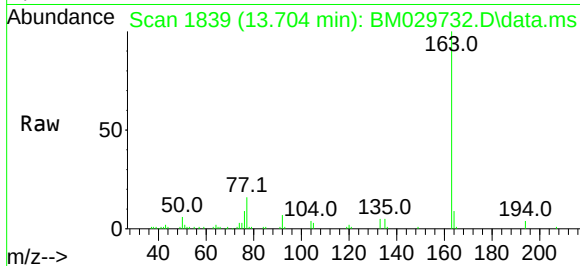




#50
Dimethylphthalate
Concen: 3.52 ng
RT: 13.704 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

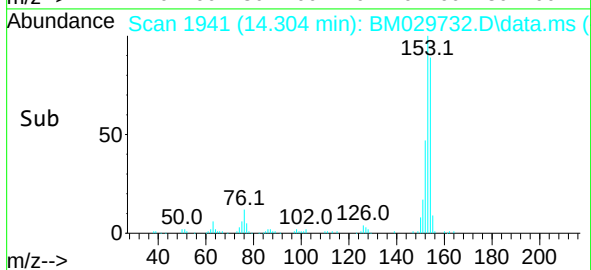
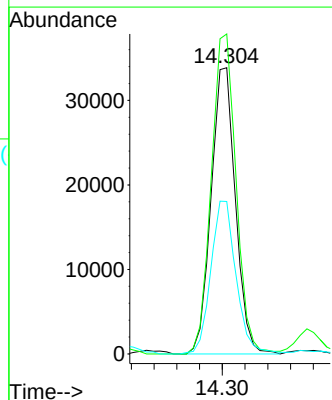
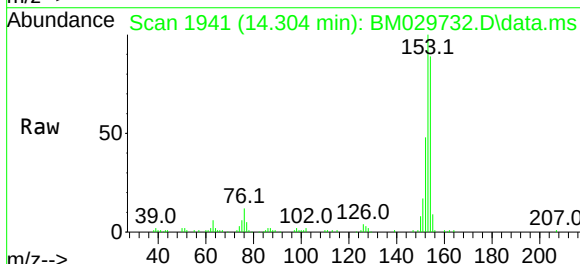
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

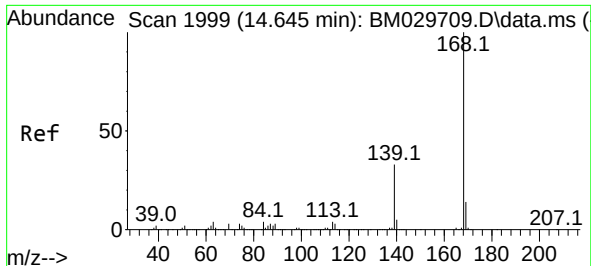
Tgt Ion:163	Resp:	46294
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.3 4.9
164	9.4	7.9 11.9



#52
Acenaphthene
Concen: 5.13 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

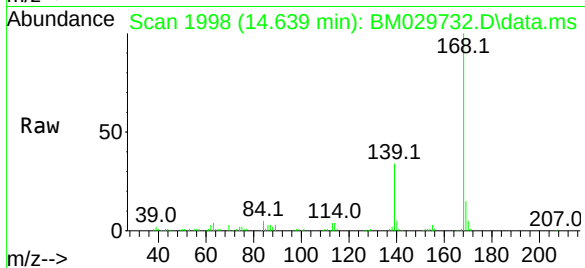
Tgt Ion:154	Resp:	50338
Ion Ratio	Lower	Upper
154	100	
153	111.8	92.2 138.2
152	53.3	43.4 65.2



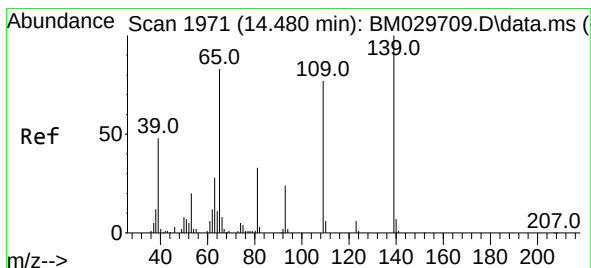
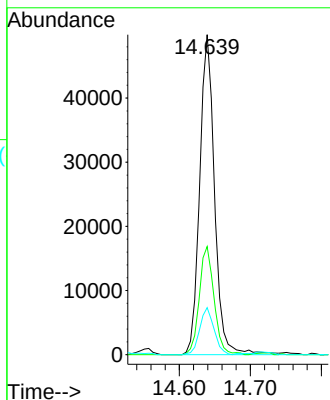
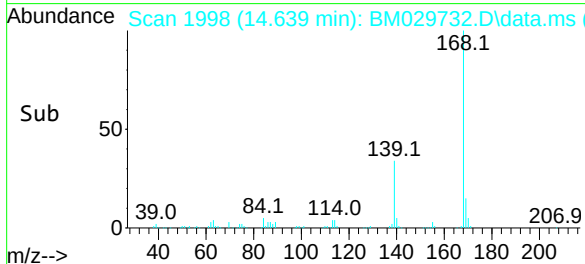


#55
Dibenzofuran
Concen: 4.41 ng
RT: 14.639 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

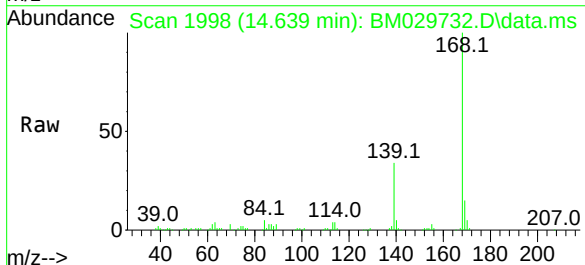
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP



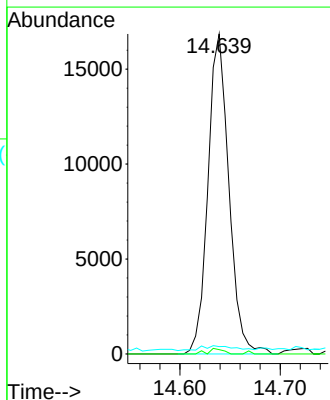
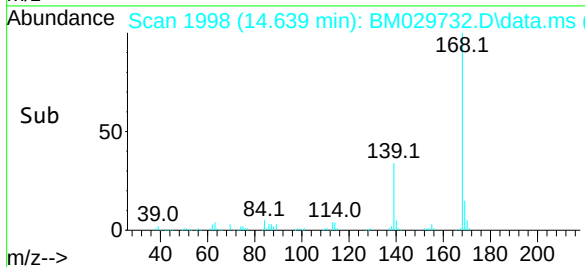
Tgt Ion:168 Resp: 72876
Ion Ratio Lower Upper
168 100
139 33.8 29.4 44.0
169 14.7 10.8 16.2

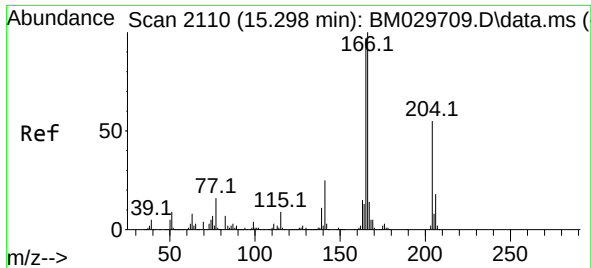


#56
4-Nitrophenol
Concen: 12.76 ng
RT: 14.639 min Scan# 1998
Delta R.T. 0.159 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47



Tgt Ion:139 Resp: 24404
Ion Ratio Lower Upper
139 100
109 1.4 64.5 104.5#
65 2.3 78.9 118.9#

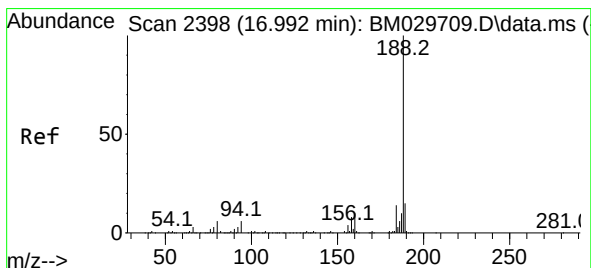
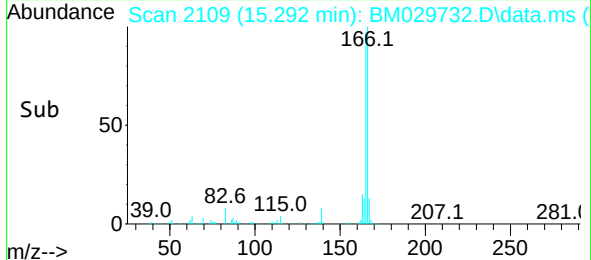
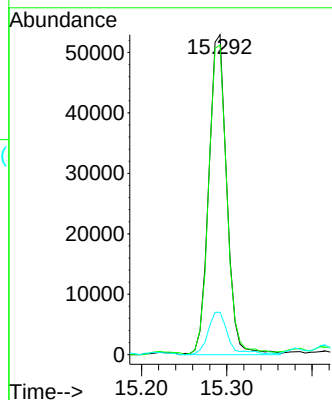
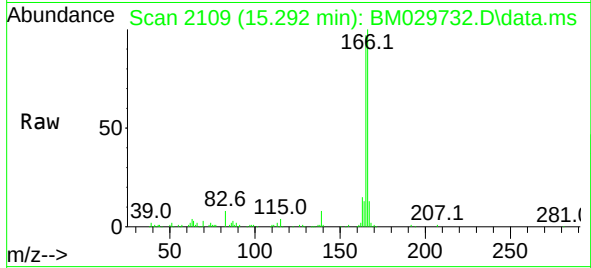




#58
Fluorene
Concen: 5.72 ng
RT: 15.292 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

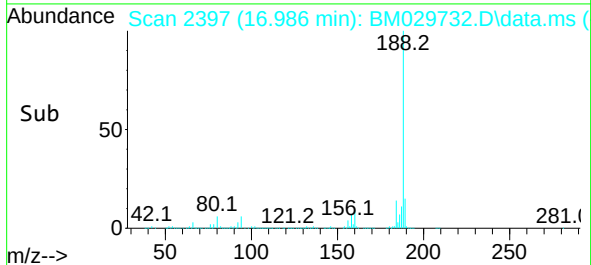
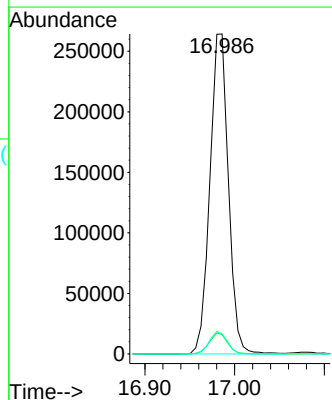
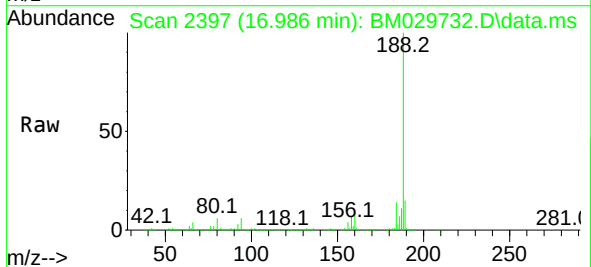
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

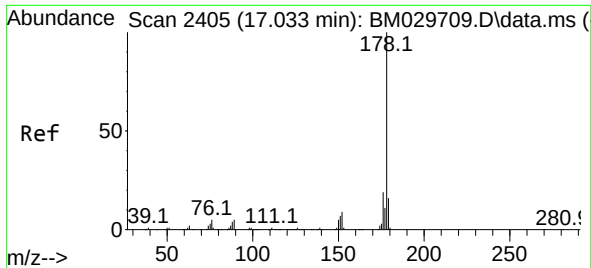
Tgt Ion:166 Resp: 77586
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.6
167 13.3 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:188 Resp: 378878
Ion Ratio Lower Upper
188 100
94 6.0 6.0 9.0#
80 6.3 6.6 9.8#

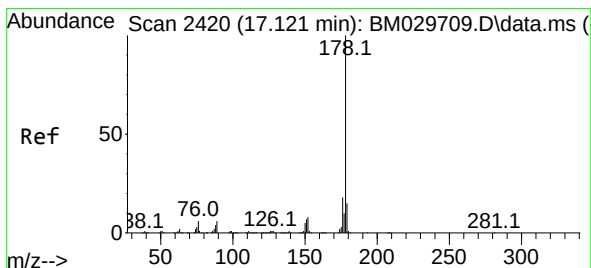
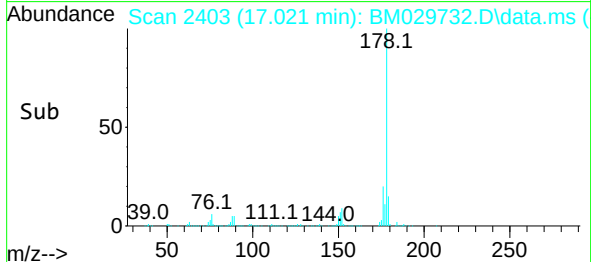
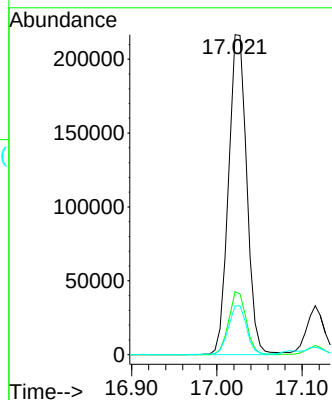
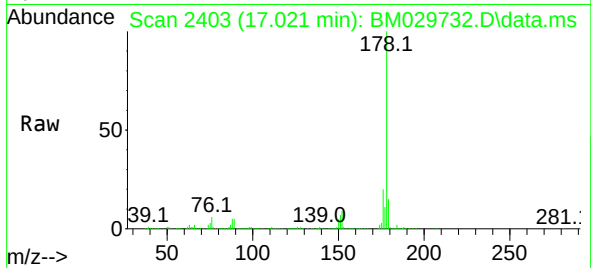




#71
Phenanthrene
Concen: 15.06 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

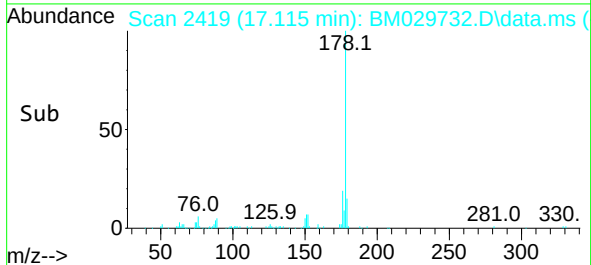
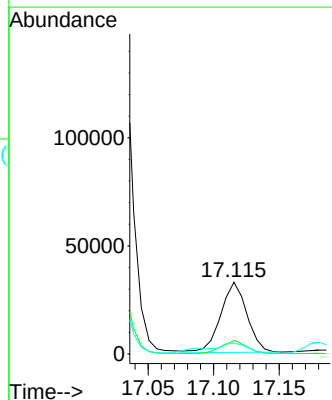
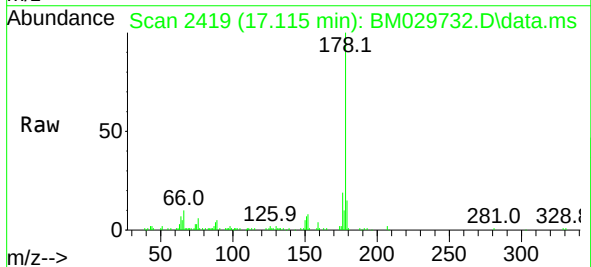
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

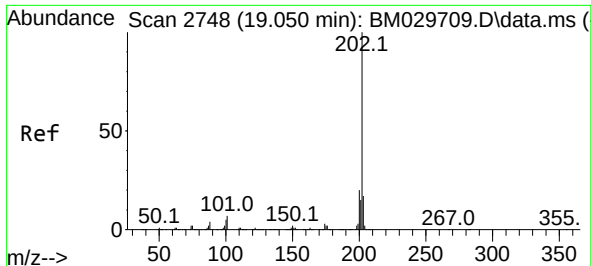
Tgt Ion:178 Resp: 321567
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 2.14 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:178 Resp: 45414
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 14.9 12.5 18.7

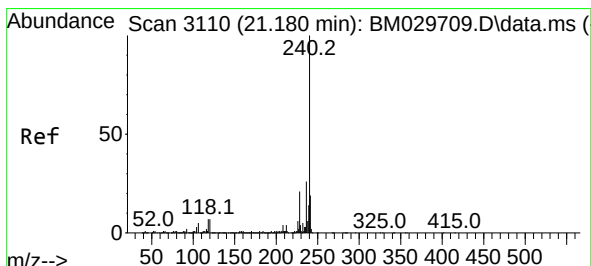
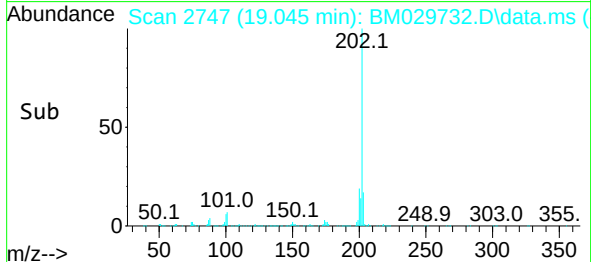
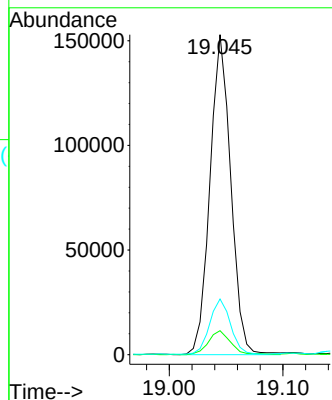
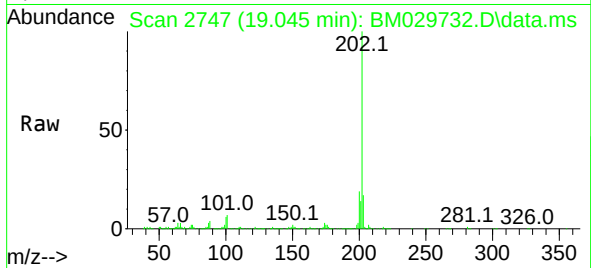




#75
Fluoranthene
Concen: 7.42 ng
RT: 19.045 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

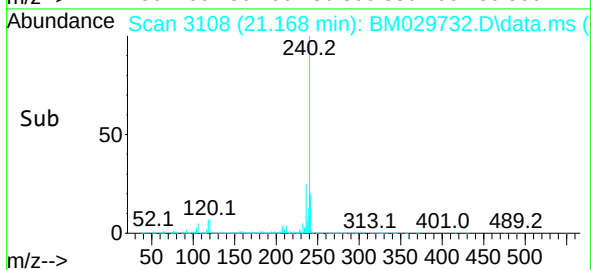
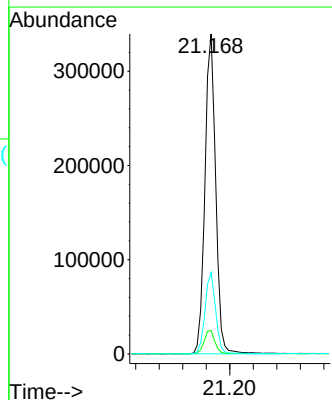
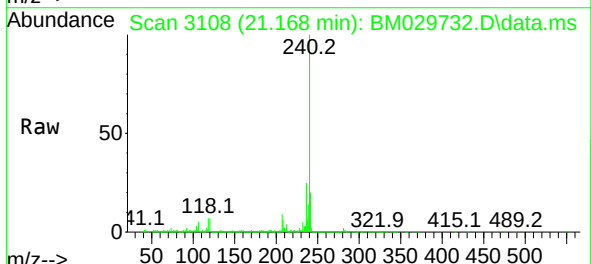
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

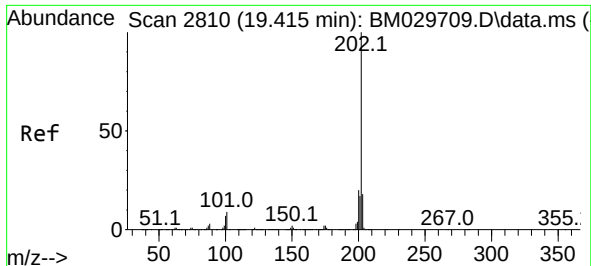
Tgt Ion:202 Resp: 194471
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.6
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:240 Resp: 430507
Ion Ratio Lower Upper
240 100
120 7.3 7.0 10.6
236 25.5 21.0 31.4

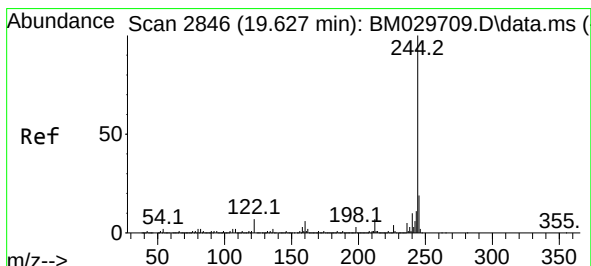
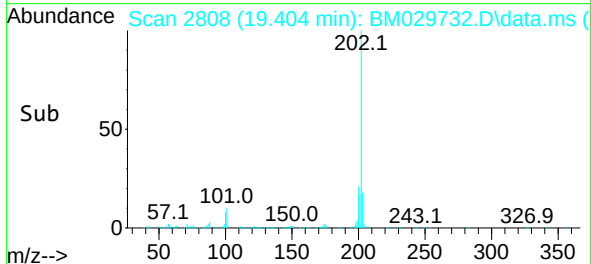
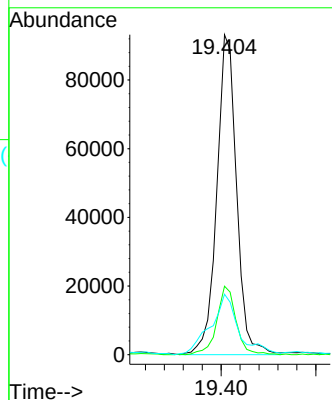
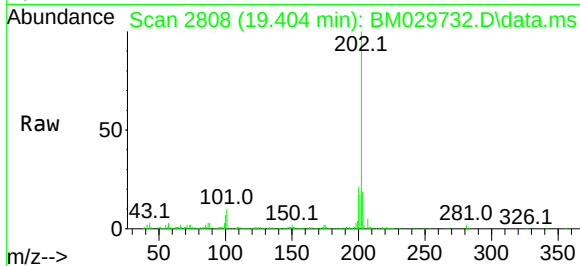




#78
Pyrene
Concen: 4.91 ng
RT: 19.404 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

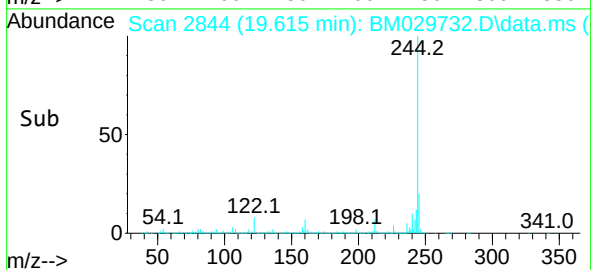
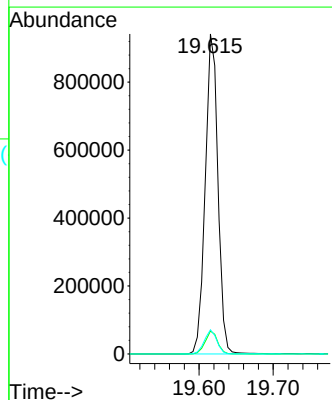
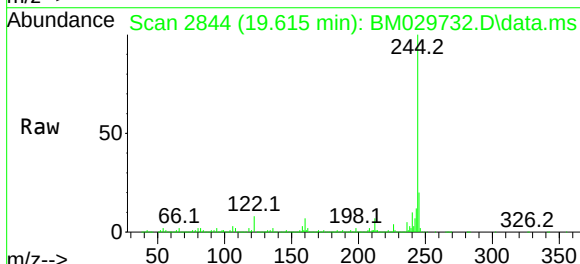
Instrument :
BNA_M
ClientSampleId :
SB-20-14.5-15.0-DUP

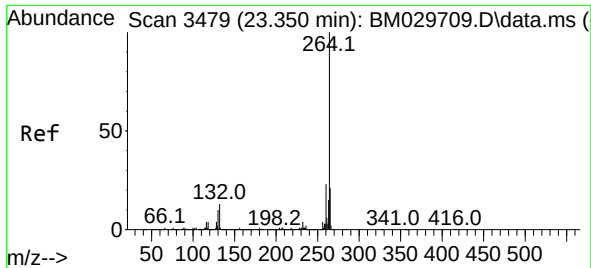
Tgt Ion:	202	Resp:	135429
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.3	25.9
203	18.9	13.9	20.9



#79
Terphenyl-d14
Concen: 47.82 ng
RT: 19.615 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BM029732.D
Acq: 30 Apr 2021 16:47

Tgt Ion:	244	Resp:	1121616
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.3	9.5
122	7.6	6.9	10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.339 min Scan# 3477
 Delta R.T. -0.012 min
 Lab File: BM029732.D
 Acq: 30 Apr 2021 16:47

Instrument :
 BNA_M
 ClientSampleId :
 SB-20-14.5-15.0-DUP

Tgt Ion:264 Resp: 461286

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.8
265	22.1	17.7	26.5

