

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033498.D
 Acq On : 17 Dec 2021 09:15
 Operator : CG/JU
 Sample : PB141409BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 10:53:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

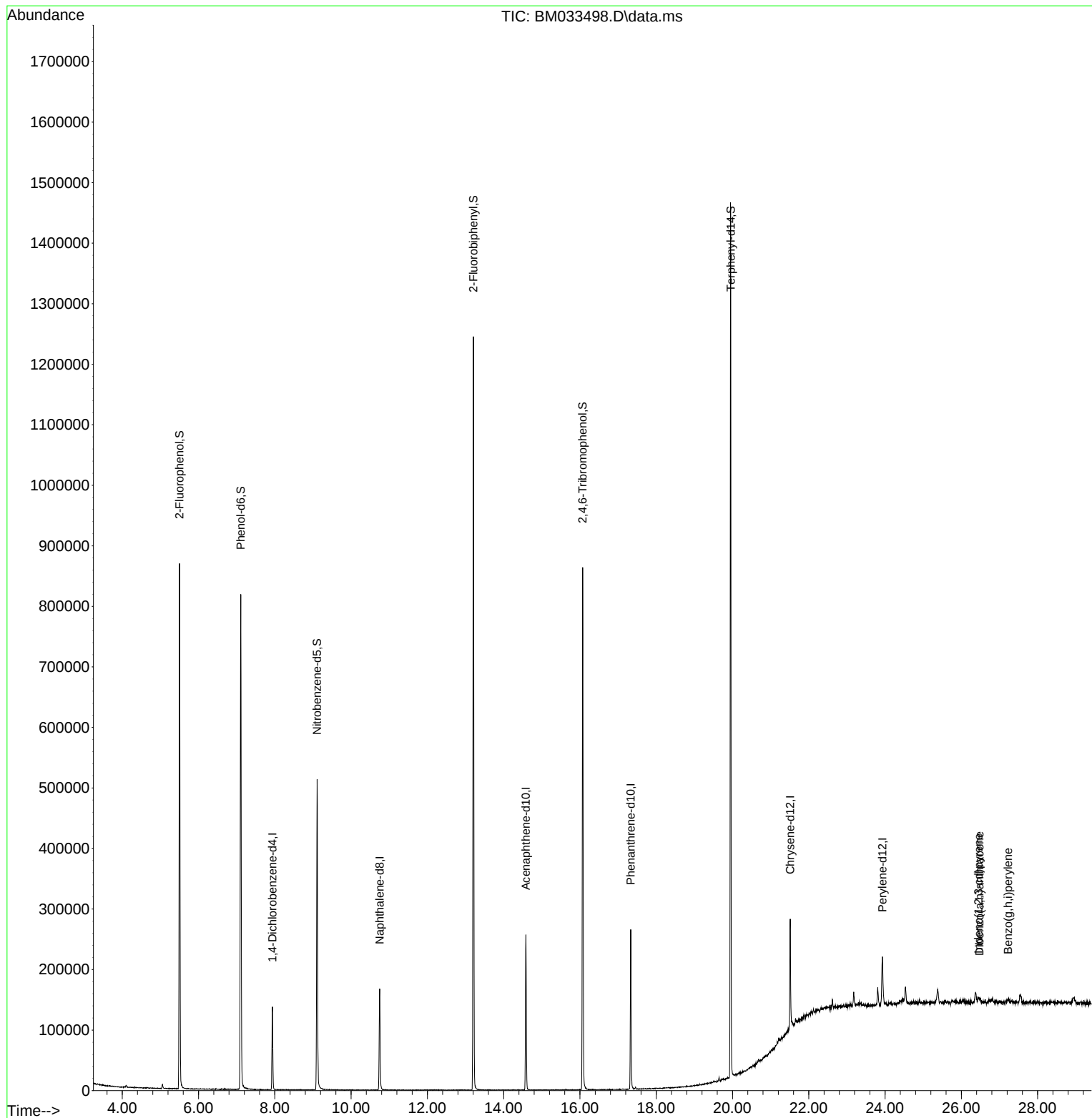
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	31249	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	127253	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	83753	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	157888	20.000	ng	# 0.00
76) Chrysene-d12	21.512	240	92022	20.000	ng	# 0.00
86) Perylene-d12	23.930	264	68182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	282936	156.235	ng	0.00
7) Phenol-d6	7.107	99	363865	149.719	ng	0.00
23) Nitrobenzene-d5	9.107	82	280219	94.551	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	114282	121.302	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	558233	92.200	ng	0.00
79) Terphenyl-d14	19.954	244	624981	106.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	278	Below Cal	#	53
9) Benzaldehyde	7.107	77	1125	Below Cal	#	7
87) Indeno(1,2,3-cd)pyrene	26.447	276	9439	3.003 ng	#	81
91) Dibenzo(a,h)anthracene	26.477	278	9004	3.819 ng	#	85
92) Benzo(g,h,i)perylene	27.224	276	8421	2.777 ng	#	90

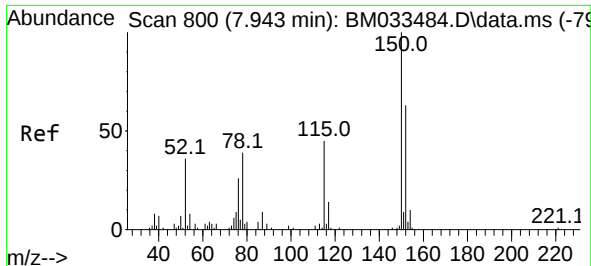
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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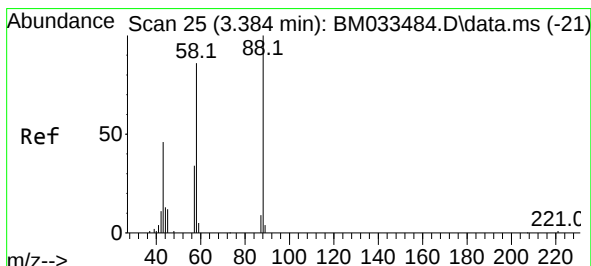
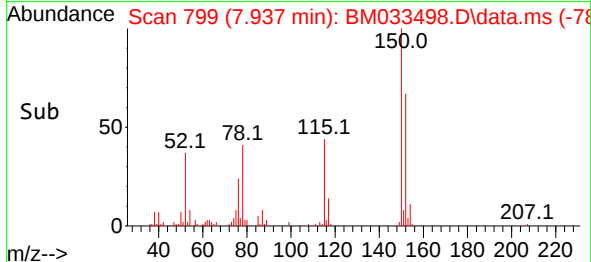
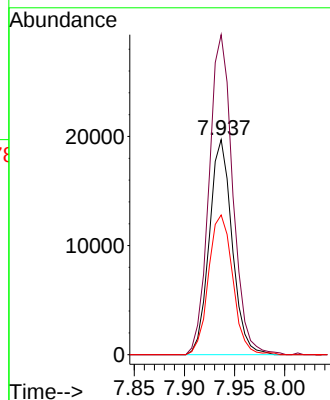
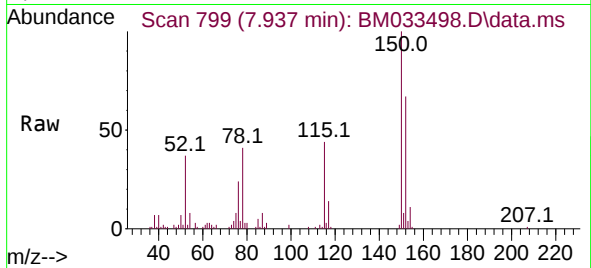




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

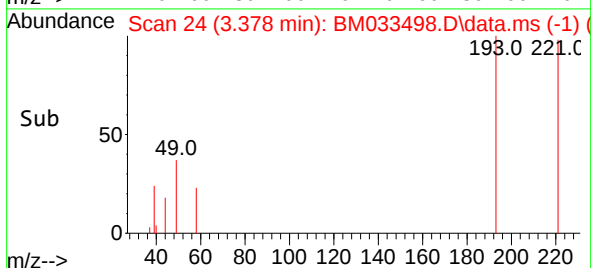
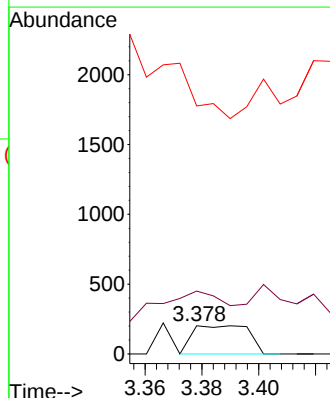
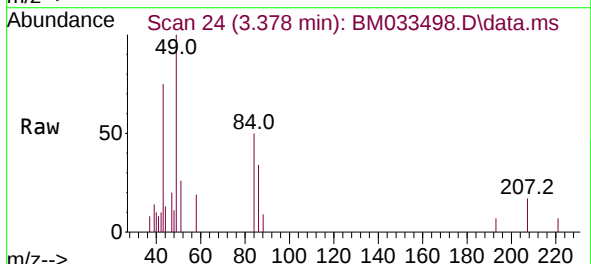
Instrument :
BNA_M
ClientSampleId :

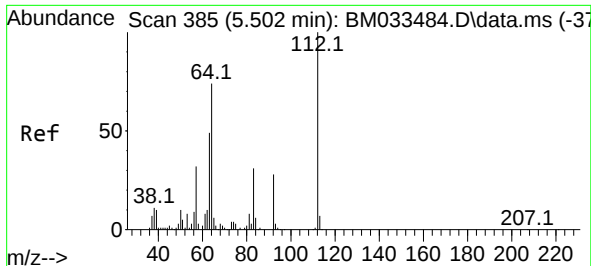
Tgt Ion:152 Resp: 31249
Ion Ratio Lower Upper
152 100
150 148.8 128.9 193.3
115 65.0 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.378 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion: 88 Resp: 278
Ion Ratio Lower Upper
88 100
58 118.7 67.0 100.4#
43 0.0 31.6 47.4#

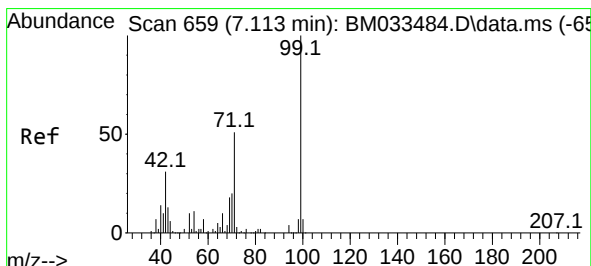
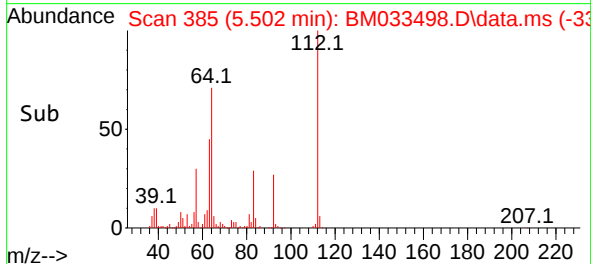
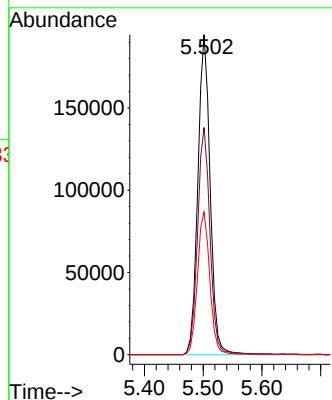
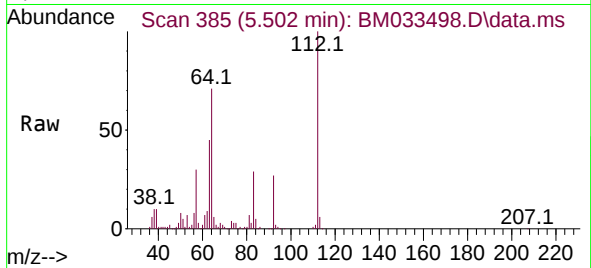




#5
2-Fluorophenol
Concen: 156.235 ng
RT: 5.502 min Scan# 385
Delta R.T. -0.000 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

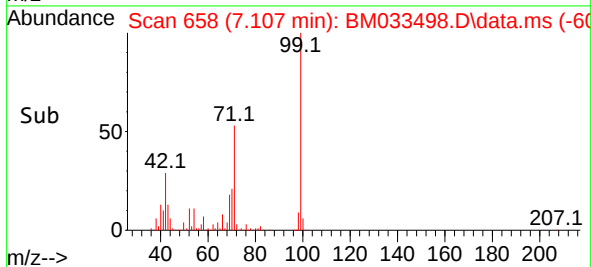
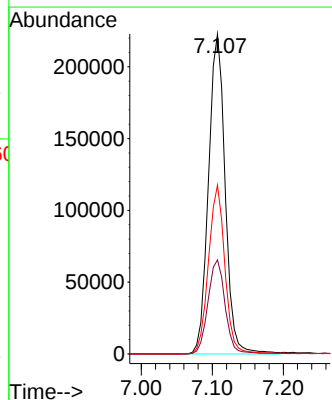
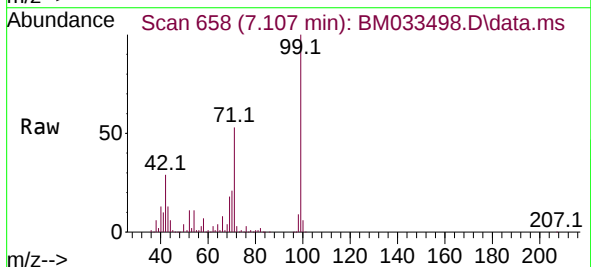
Instrument :
BNA_M
ClientSampleId :

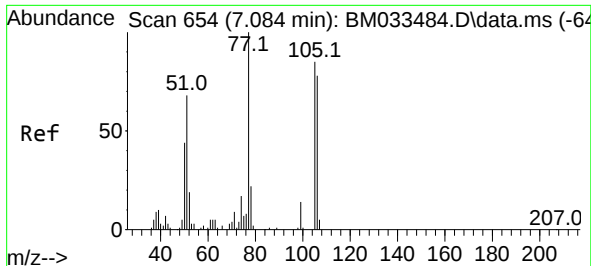
Tgt Ion:112 Resp: 282936
Ion Ratio Lower Upper
112 100
64 71.0 55.5 83.3
63 44.5 31.3 46.9



#7
Phenol-d6
Concen: 149.719 ng
RT: 7.107 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

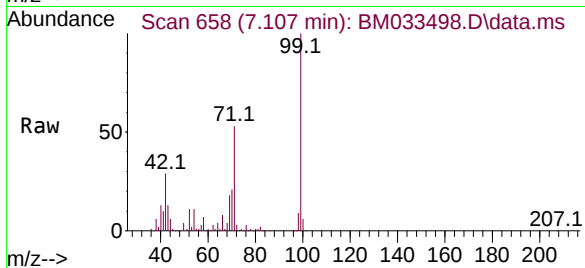
Tgt Ion: 99 Resp: 363865
Ion Ratio Lower Upper
99 100
42 29.4 20.3 30.5
71 52.8 34.5 51.7#



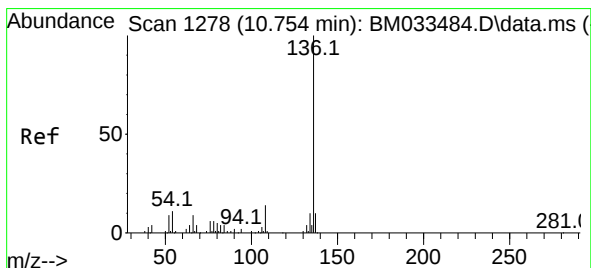
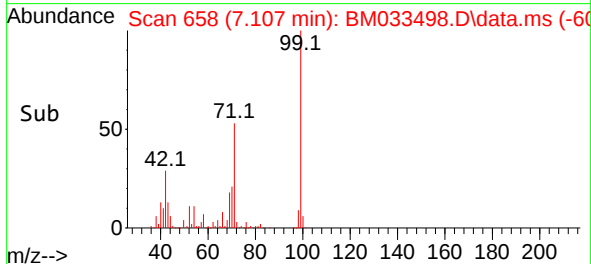
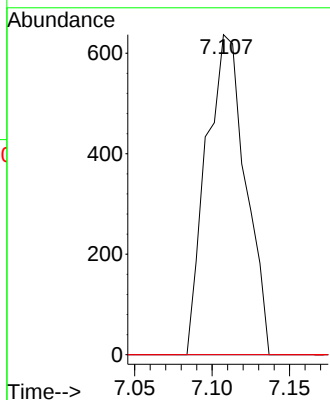


#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 61
Delta R.T. 0.023 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :

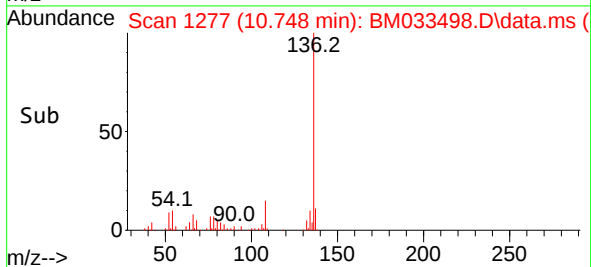
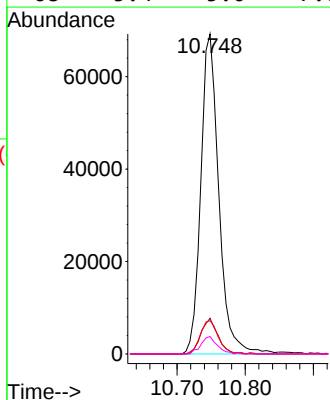
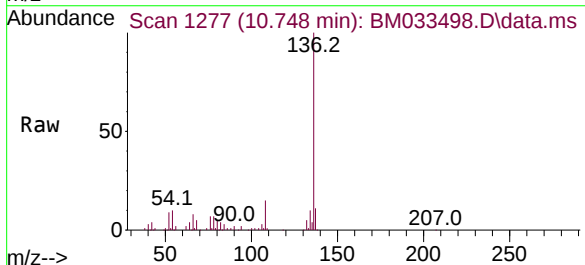


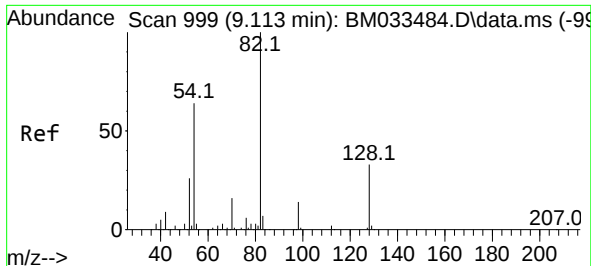
Tgt Ion: 77 Resp: 1125
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

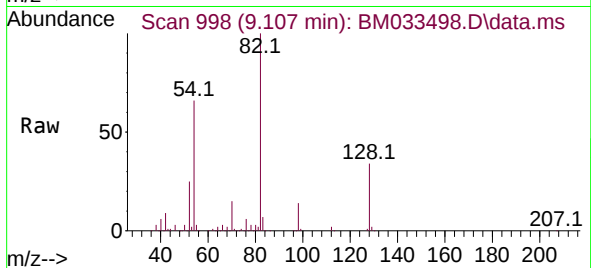
Tgt Ion: 136 Resp: 127253
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 8.3 12.5
68 5.4 5.0 7.6



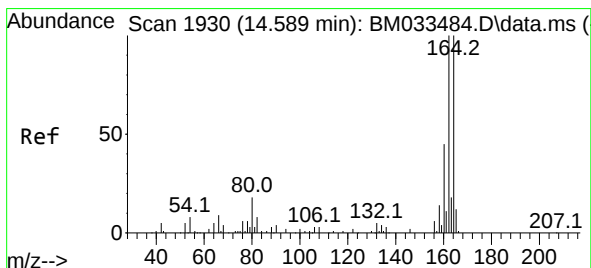
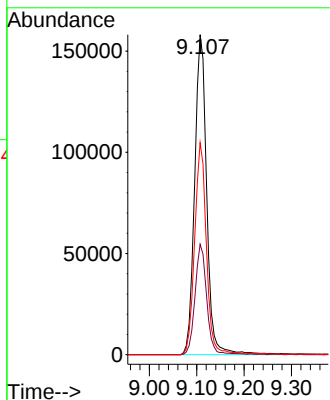
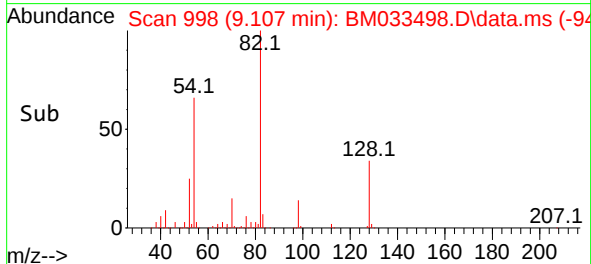


#23
Nitrobenzene-d5
Concen: 94.551 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :

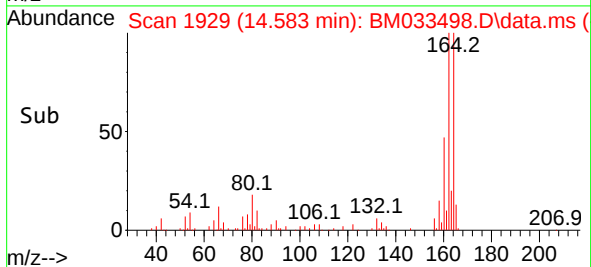
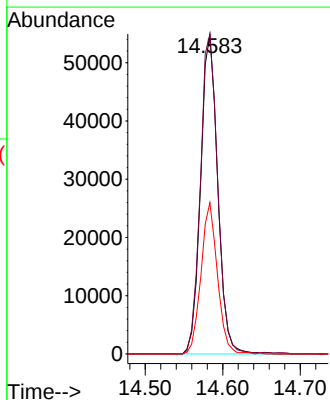
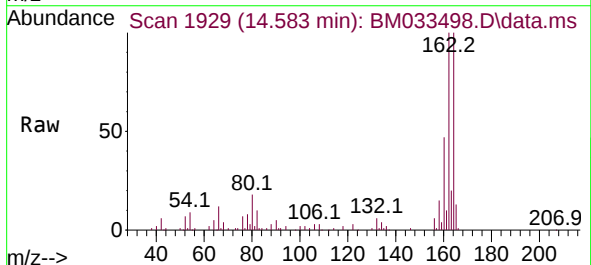


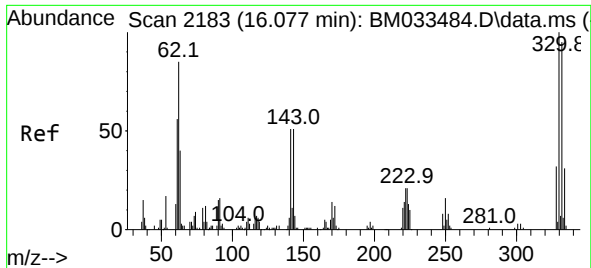
Tgt Ion: 82 Resp: 280219
Ion Ratio Lower Upper
82 100
128 34.5 28.1 42.1
54 66.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

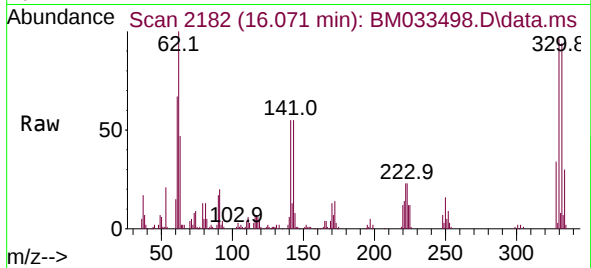
Tgt Ion: 164 Resp: 83753
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 47.4 34.2 51.4



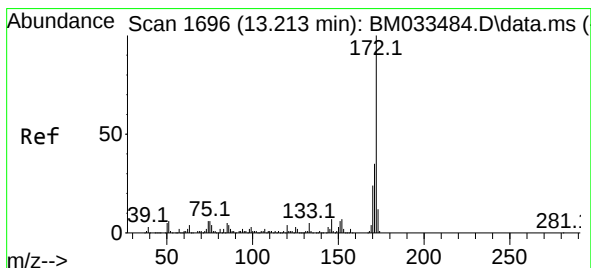
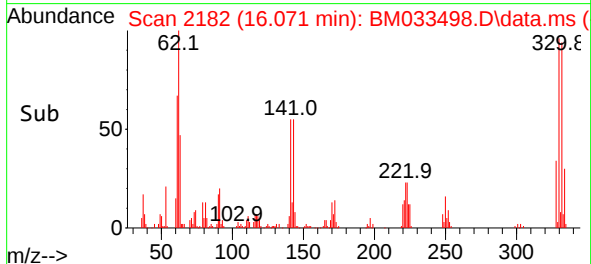
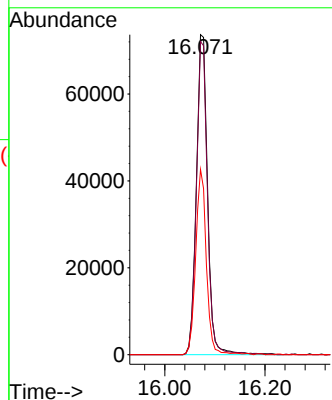


#42
2,4,6-Tribromophenol
Concen: 121.302 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :

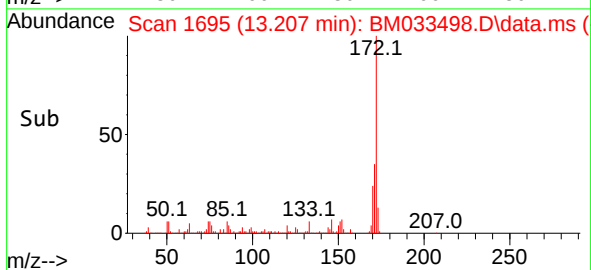
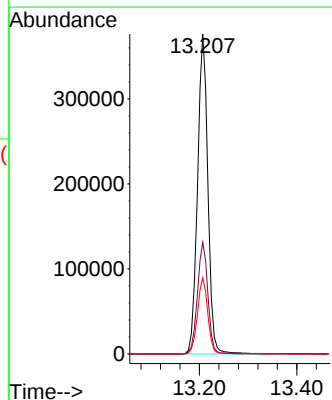
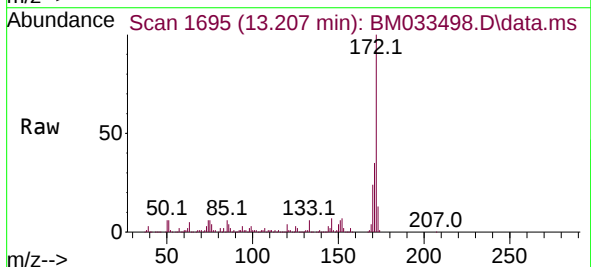


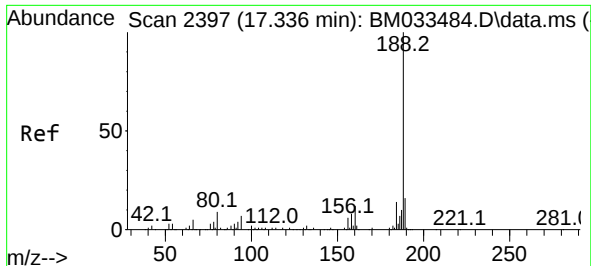
Tgt Ion:330 Resp: 114282
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 54.8 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 92.200 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:172 Resp: 558233
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 23.8 18.7 28.1

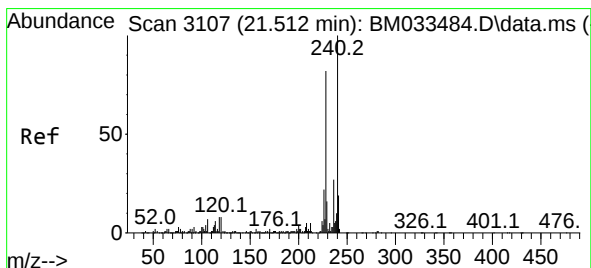
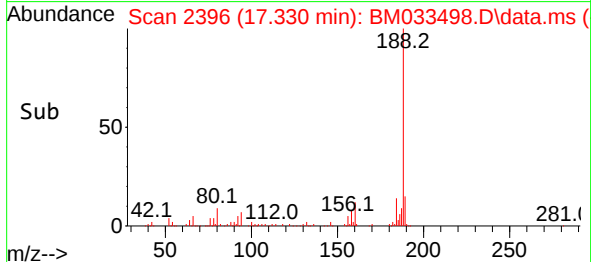
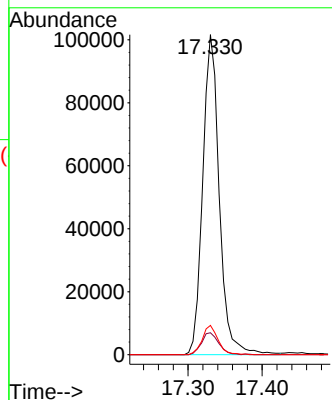
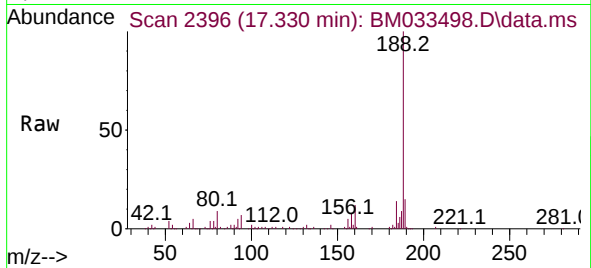




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

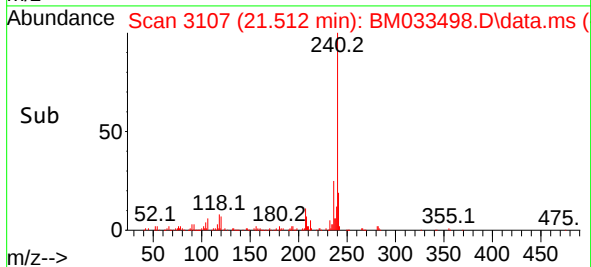
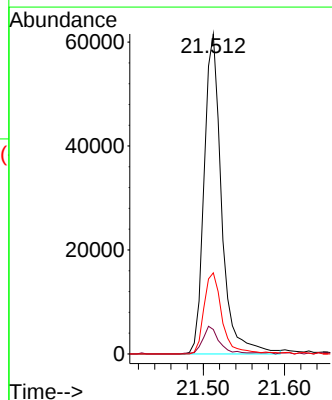
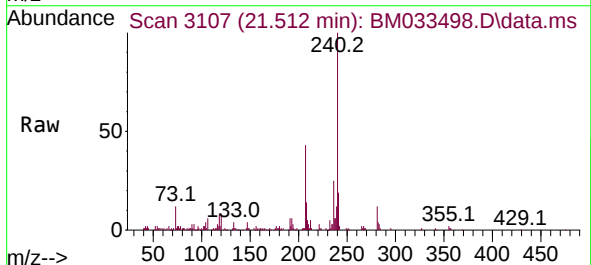
Instrument :
BNA_M
ClientSampleId :

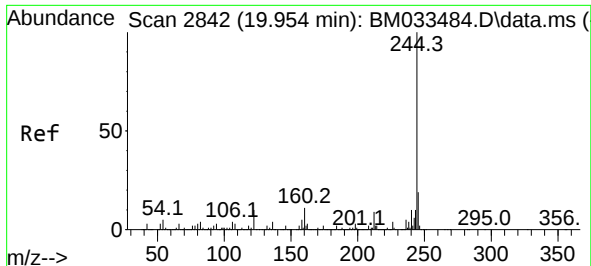
Tgt Ion:188 Resp: 157888
Ion Ratio Lower Upper
188 100
94 6.9 7.5 11.3#
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

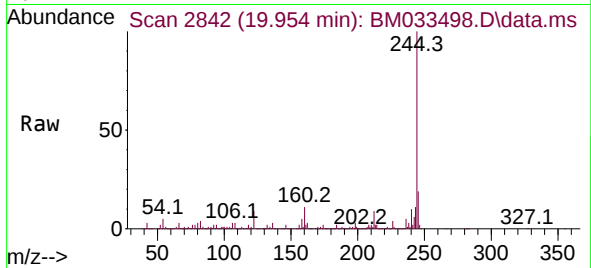
Tgt Ion:240 Resp: 92022
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.4 20.3 30.5



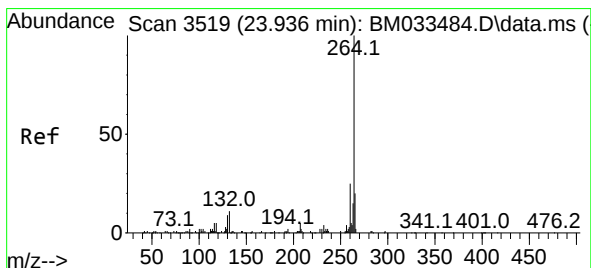
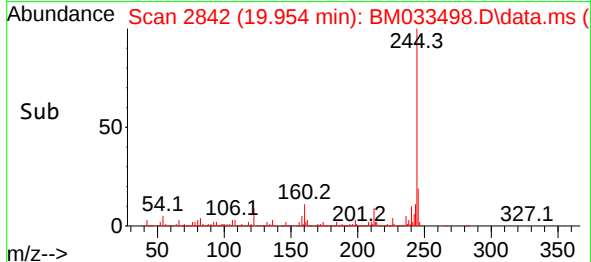
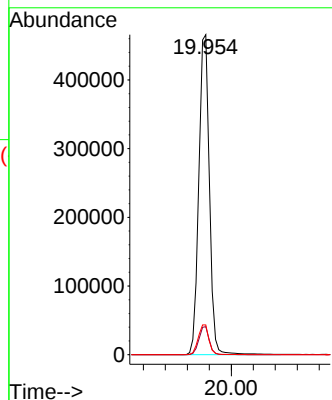


#79
 Terphenyl-d14
 Concen: 106.923 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033498.D
 Acq: 17 Dec 2021 09:15

Instrument :
 BNA_M
 ClientSampleId :

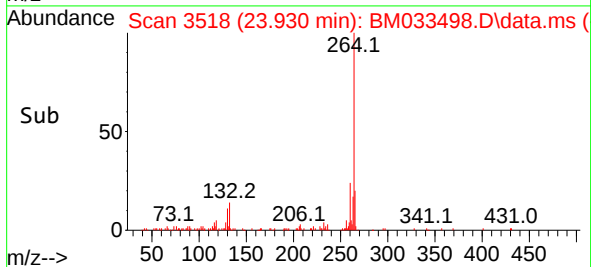
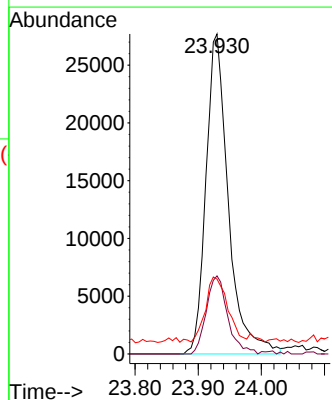
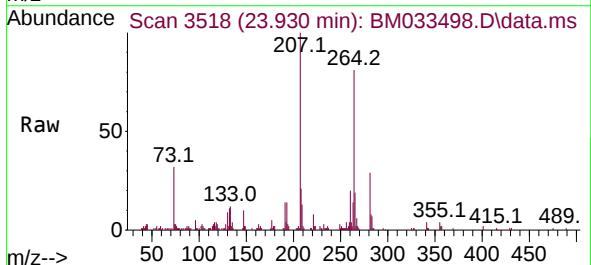


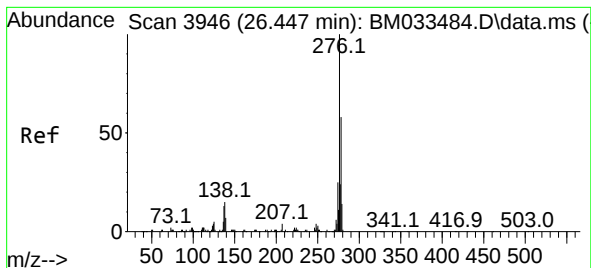
Tgt Ion:244 Resp: 624981
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.9 8.9
 122 9.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.930 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM033498.D
 Acq: 17 Dec 2021 09:15

Tgt Ion:264 Resp: 68182
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.7 26.5
 265 23.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.003 ng

RT: 26.447 min Scan# 3946

Delta R.T. 0.000 min

Lab File: BM033498.D

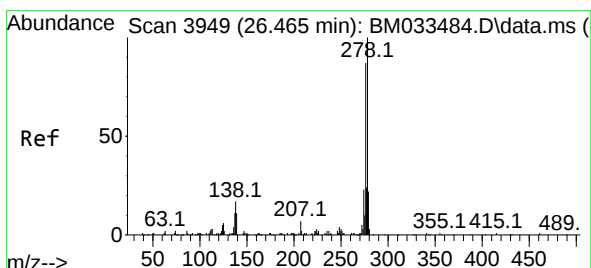
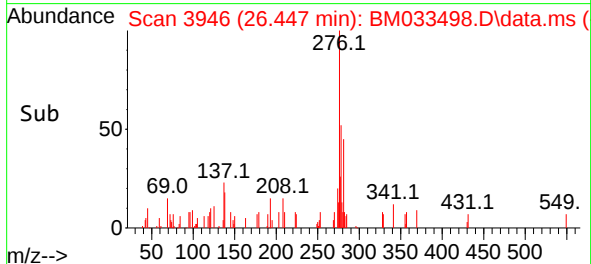
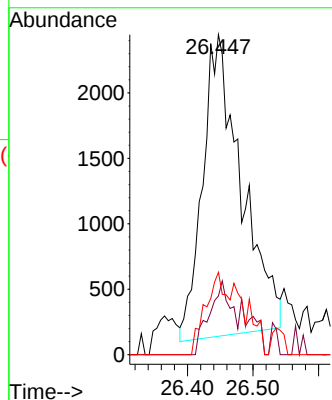
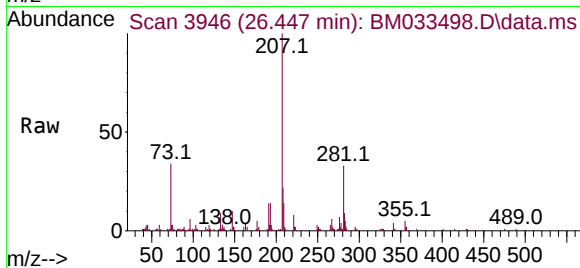
Acq: 17 Dec 2021 09:15

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	276	Resp:	9439
Ion Ratio	Lower	Upper	
276	100		
138	14.2	18.7	28.1#
277	15.3	20.2	30.4#



#91

Dibenzo(a,h)anthracene

Concen: 3.819 ng

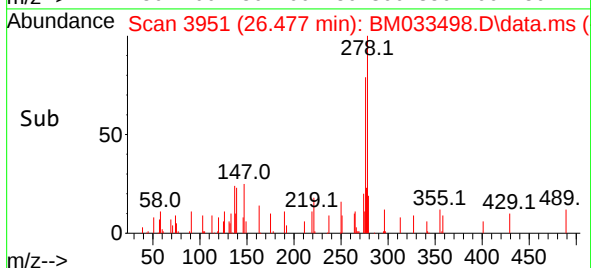
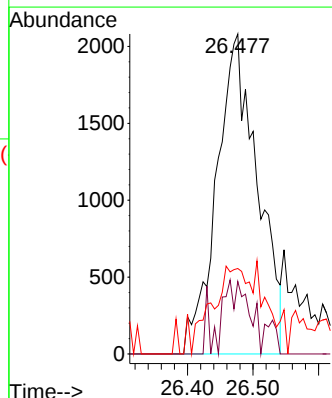
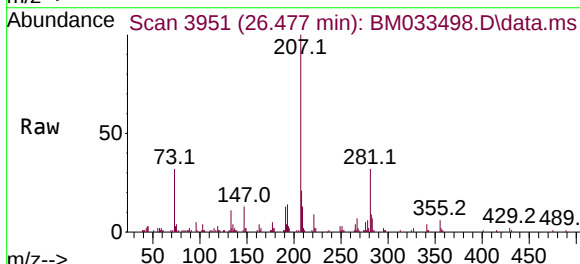
RT: 26.477 min Scan# 3951

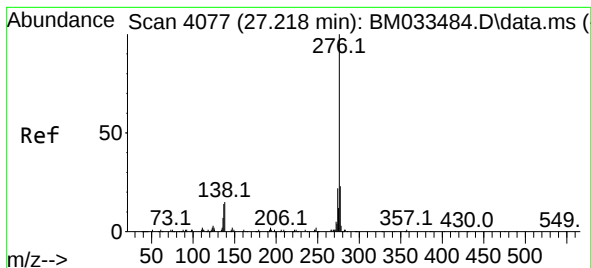
Delta R.T. 0.012 min

Lab File: BM033498.D

Acq: 17 Dec 2021 09:15

Tgt Ion:	278	Resp:	9004
Ion Ratio	Lower	Upper	
278	100		
139	22.7	10.9	16.3#
279	26.7	17.7	26.5#





#92

Benzo(g,h,i)perylene

Concen: 2.777 ng

RT: 27.224 min Scan# 4078

Delta R.T. 0.006 min

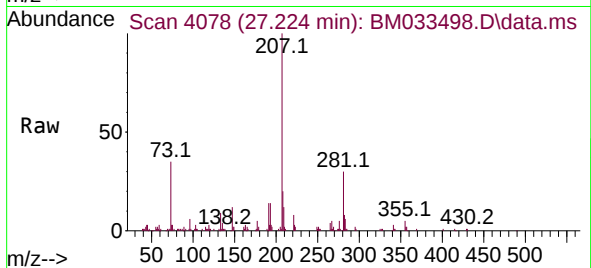
Lab File: BM033498.D

Acq: 17 Dec 2021 09:15

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 276 Resp: 8421

Ion Ratio Lower Upper

276 100

277 22.3 19.1 28.7

138 10.1 14.8 22.2#

