

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033517.D
 Acq On : 18 Dec 2021 13:47
 Operator : CG/JU
 Sample : PB141511BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 07:06:56 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)

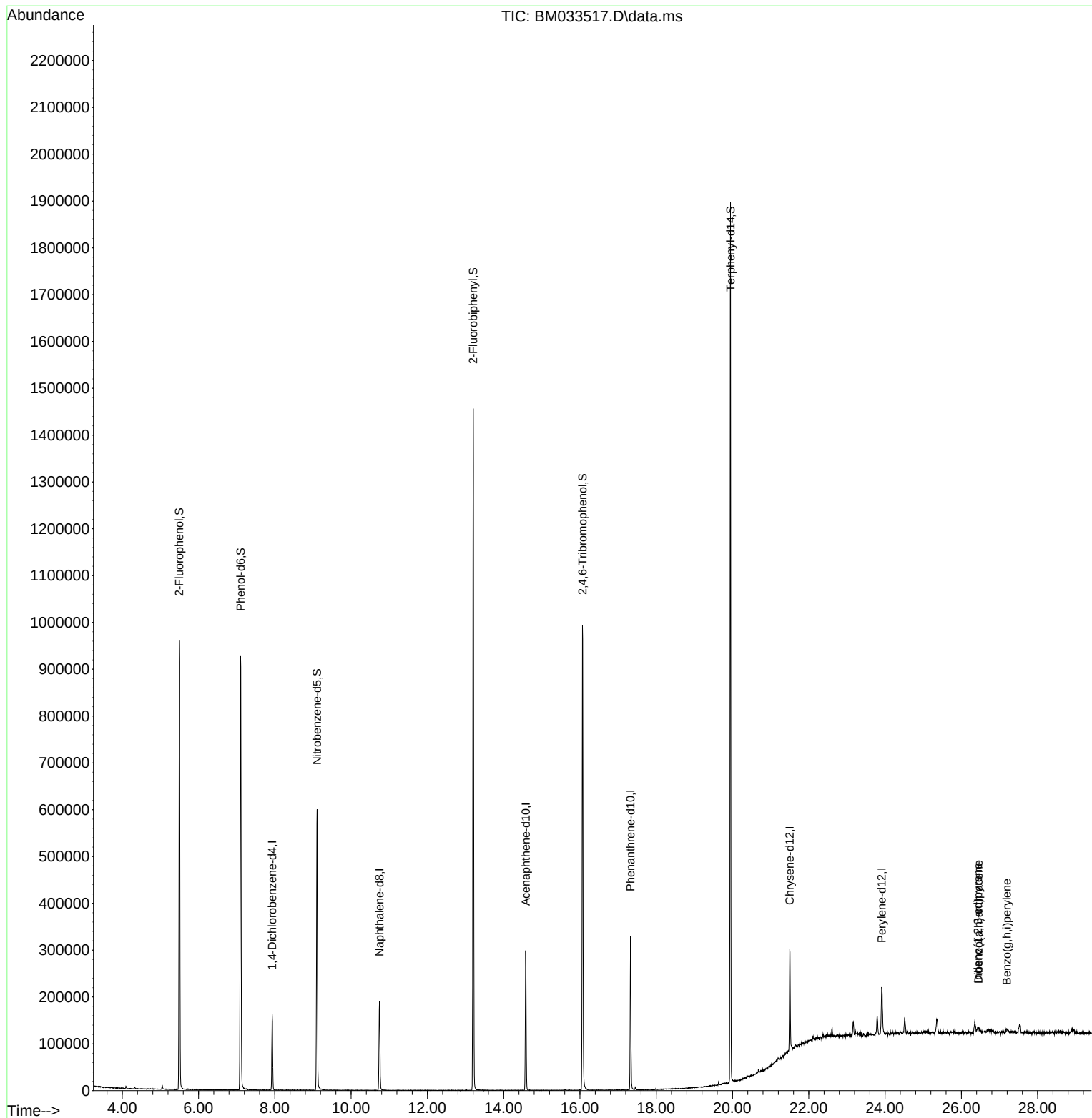
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	35640	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	144695	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	97313	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	188477	20.000	ng	-0.01
76) Chrysene-d12	21.501	240	114008	20.000	ng	-0.01
86) Perylene-d12	23.912	264	86587	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	314734	152.381	ng	0.00
7) Phenol-d6	7.101	99	411618	148.501	ng	-0.01
23) Nitrobenzene-d5	9.107	82	318677	94.566	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	139218	127.179	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	645673	91.782	ng	-0.01
79) Terphenyl-d14	19.948	244	756345	104.443	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	149	Below Cal	#	23
9) Benzaldehyde	7.101	77	1290	Below Cal	#	7
87) Indeno(1,2,3-cd)pyrene	26.436	276	16198	4.058	ng	# 67
91) Dibenzo(a,h)anthracene	26.447	278	13433	4.486	ng	# 80
92) Benzo(g,h,i)perylene	27.194	276	8829	2.293	ng	# 91

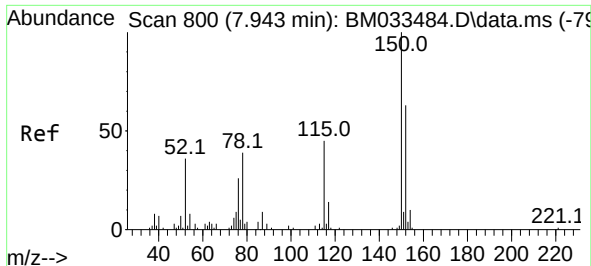
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033517.D
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Sample : PB141511BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Dec 20 07:06:56 2021
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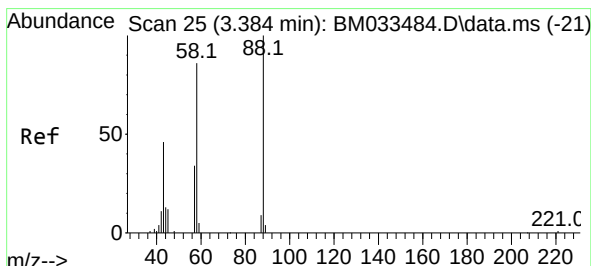
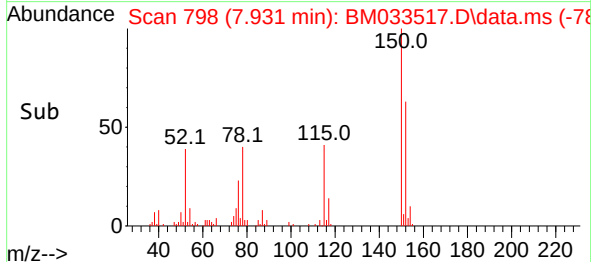
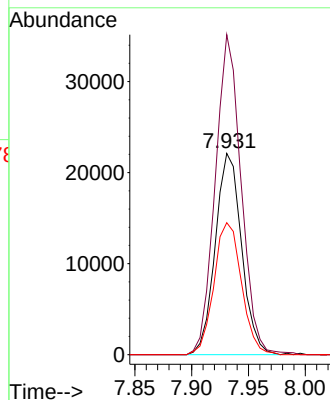
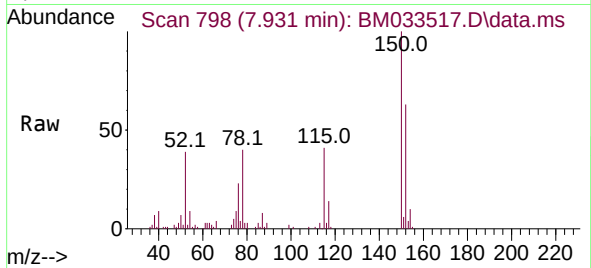




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

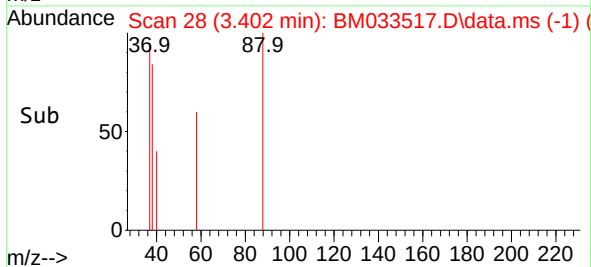
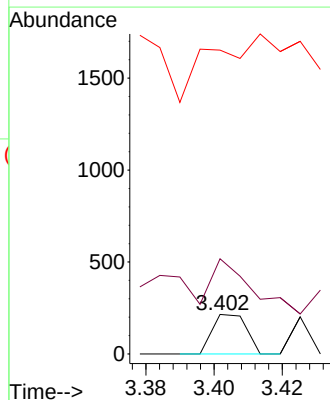
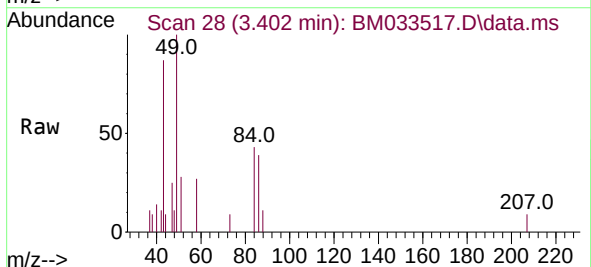
Instrument :
BNA_M
ClientSampleId :

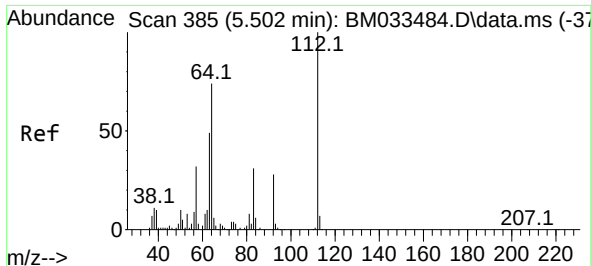
Tgt Ion:152 Resp: 35640
Ion Ratio Lower Upper
152 100
150 159.0 128.9 193.3
115 65.6 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.402 min Scan# 28
Delta R.T. 0.018 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

Tgt Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
58 159.1 67.0 100.4#
43 0.0 31.6 47.4#

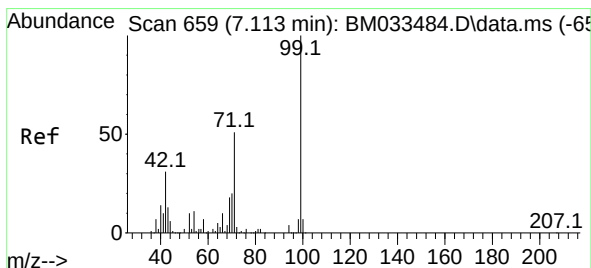
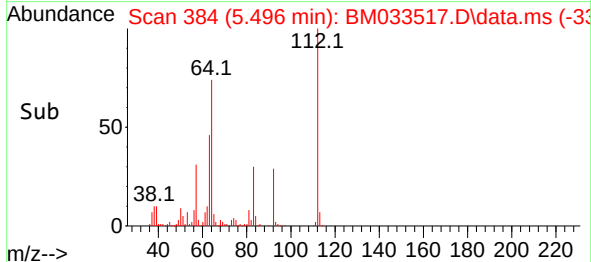
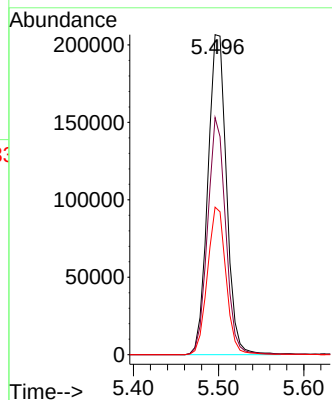
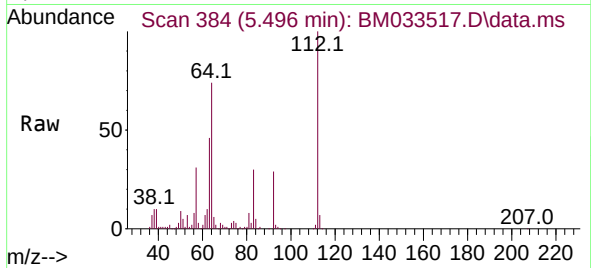




#5
2-Fluorophenol
Concen: 152.381 ng
RT: 5.496 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

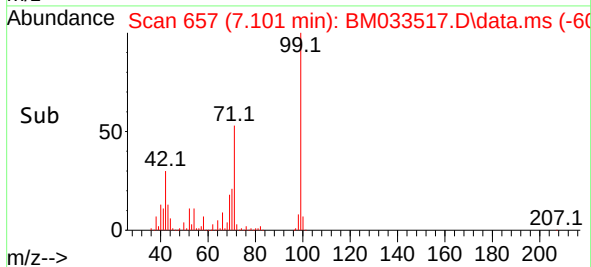
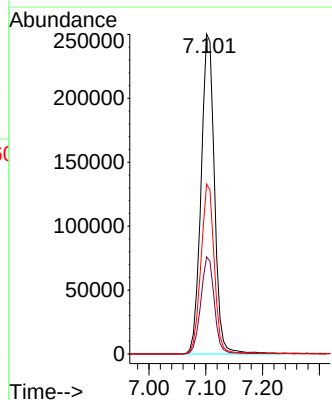
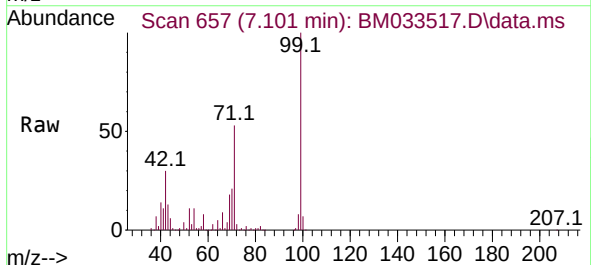
Instrument :
BNA_M
ClientSampleId :

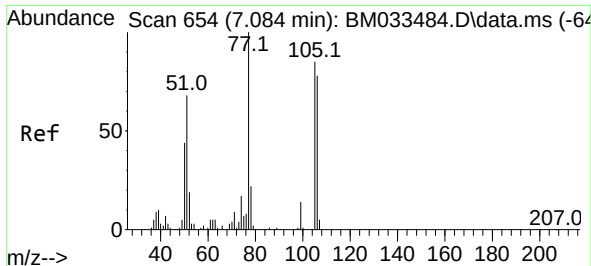
Tgt Ion:112 Resp: 314734
Ion Ratio Lower Upper
112 100
64 74.1 55.5 83.3
63 46.1 31.3 46.9



#7
Phenol-d6
Concen: 148.501 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

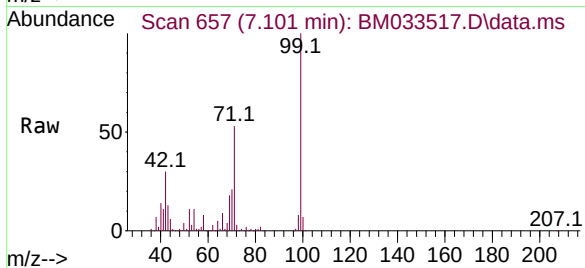
Tgt Ion: 99 Resp: 411618
Ion Ratio Lower Upper
99 100
42 30.3 20.3 30.5
71 53.1 34.5 51.7#



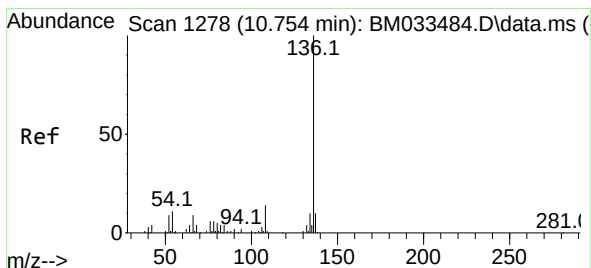
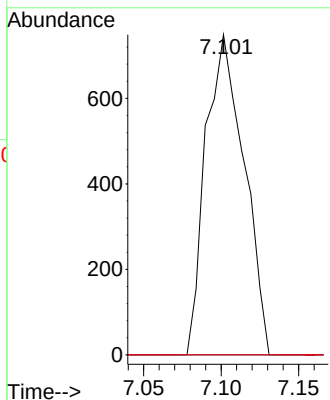
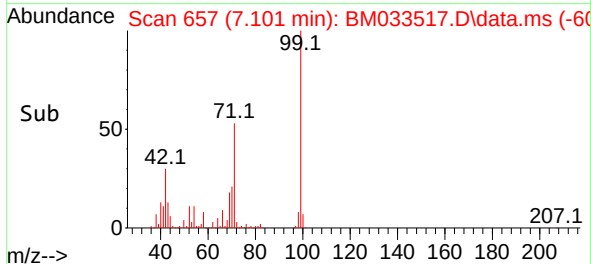


#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 61
Delta R.T. 0.017 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

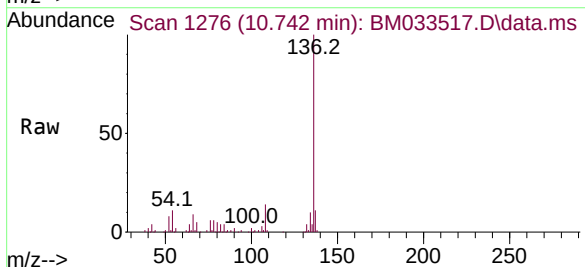
Instrument :
BNA_M
ClientSampleId :



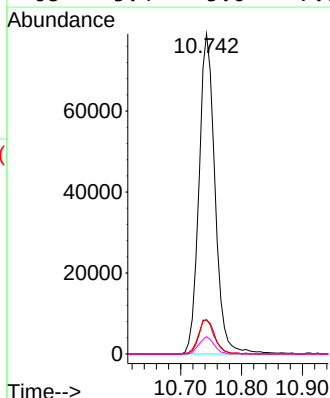
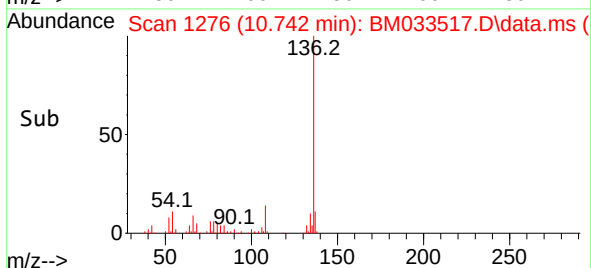
Tgt Ion: 77 Resp: 1290
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

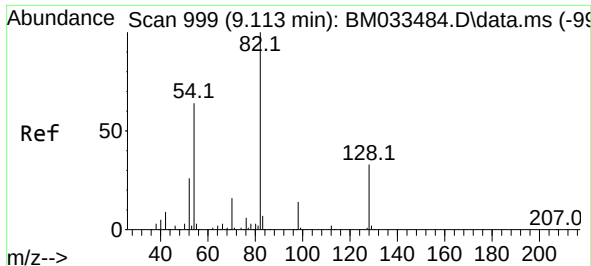


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47



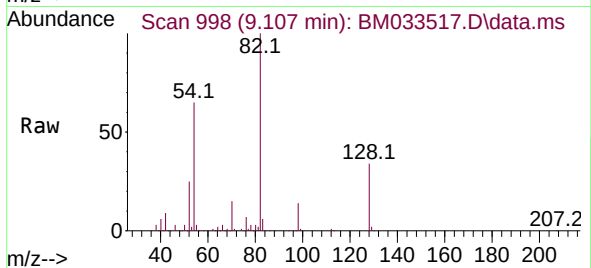
Tgt Ion: 136 Resp: 144695
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.8 8.3 12.5
68 5.4 5.0 7.6



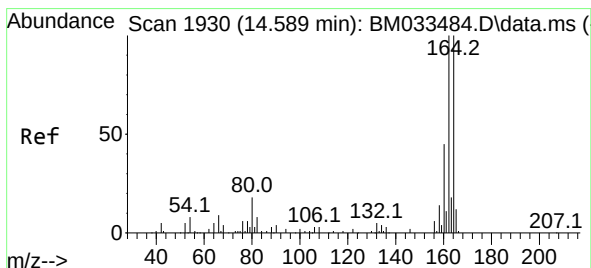
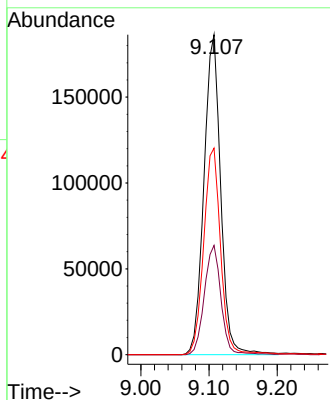
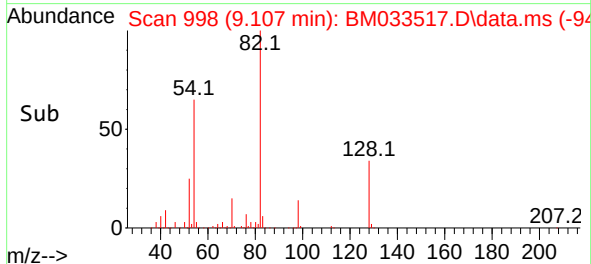


#23
Nitrobenzene-d5
Concen: 94.566 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

Instrument :
BNA_M
ClientSampleId :

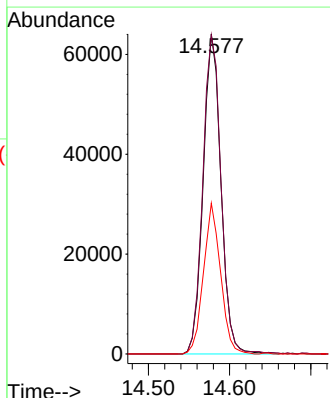
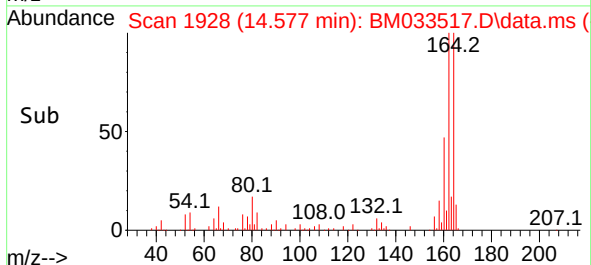
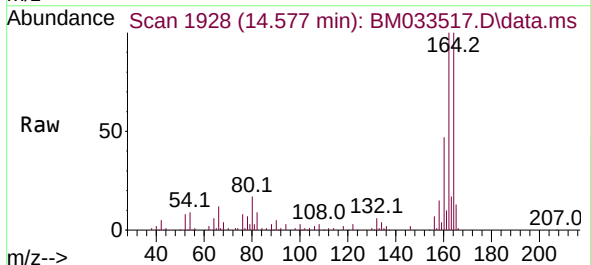


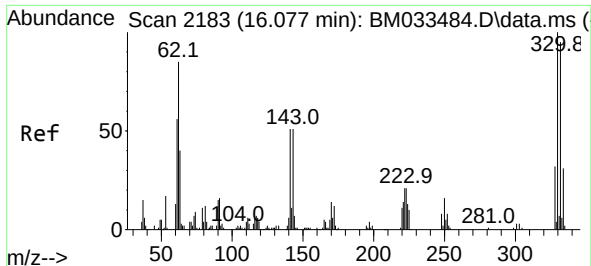
Tgt Ion: 82 Resp: 318677
Ion Ratio Lower Upper
82 100
128 34.2 28.1 42.1
54 64.6 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

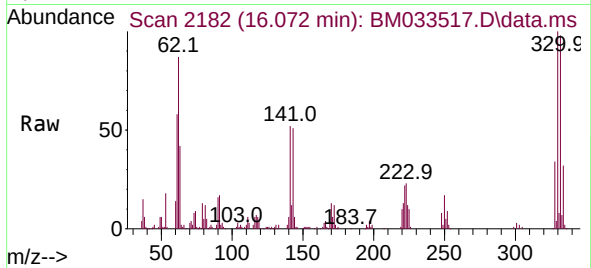
Tgt Ion: 164 Resp: 97313
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 47.1 34.2 51.4



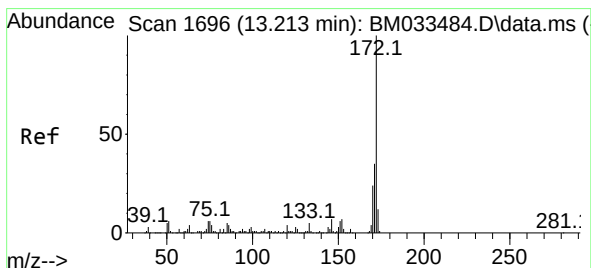
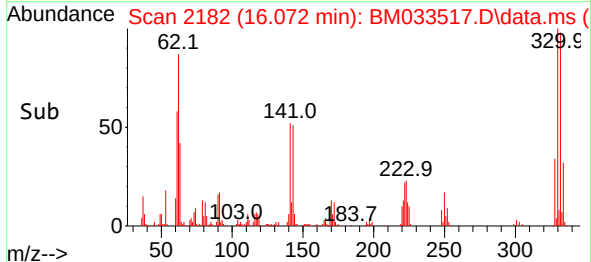
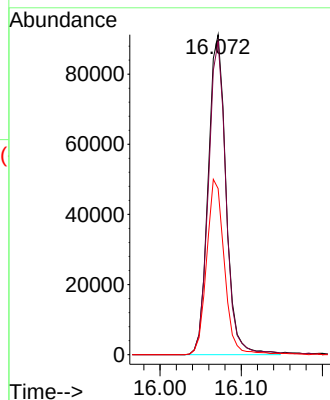


#42
2,4,6-Tribromophenol
Concen: 127.179 ng
RT: 16.072 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

Instrument :
BNA_M
ClientSampleId :

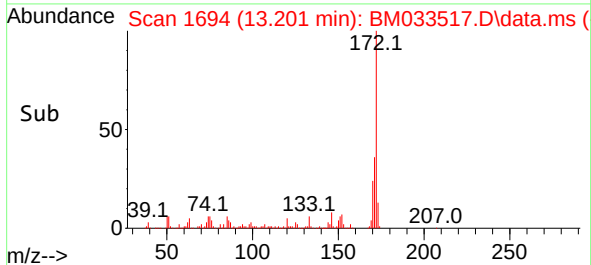
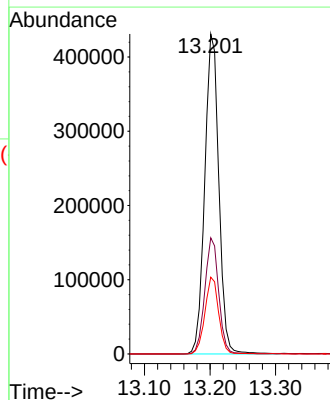
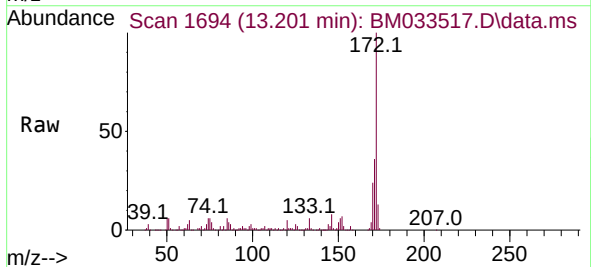


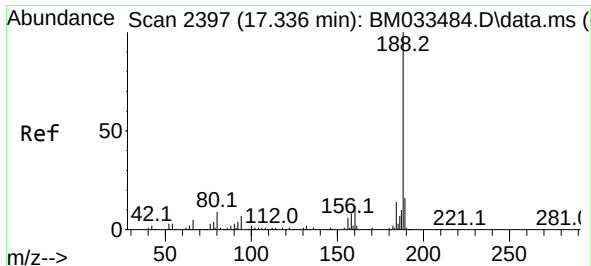
Tgt Ion:330 Resp: 139218
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 54.7 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 91.782 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

Tgt Ion:172 Resp: 645673
Ion Ratio Lower Upper
172 100
171 36.3 27.2 40.8
170 24.0 18.7 28.1

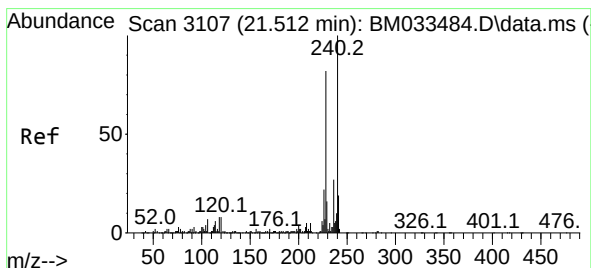
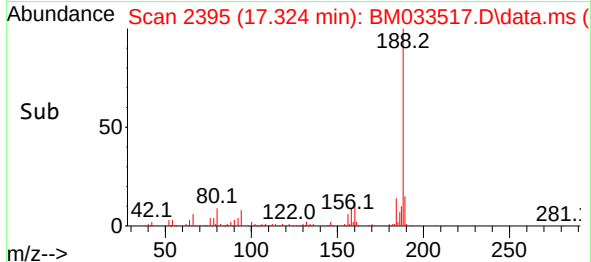
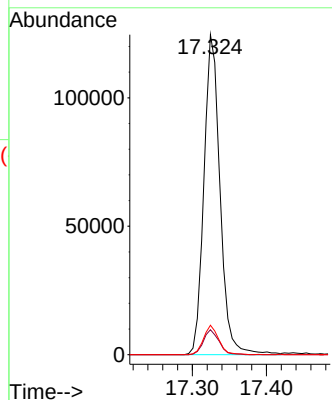
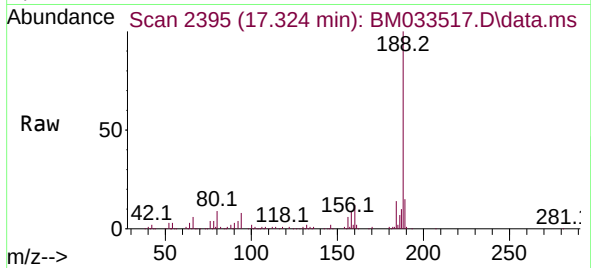




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

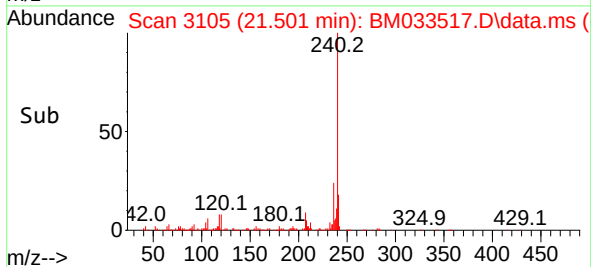
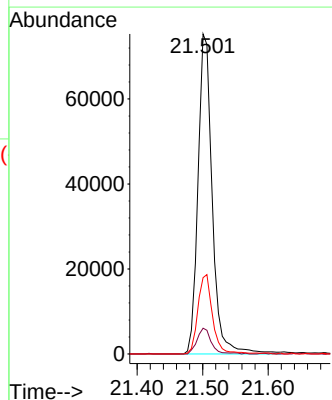
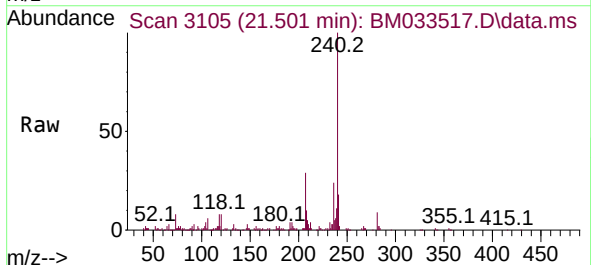
Instrument :
BNA_M
ClientSampleId :

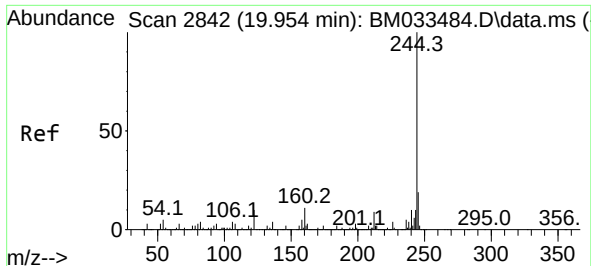
Tgt Ion:188 Resp: 188477
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM033517.D
Acq: 18 Dec 2021 13:47

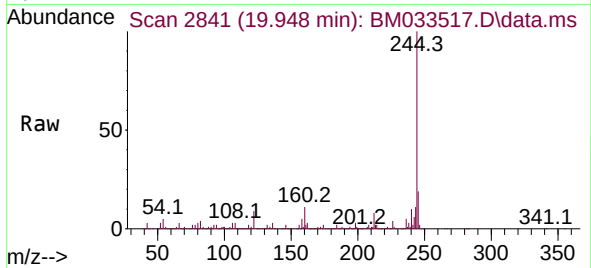
Tgt Ion:240 Resp: 114008
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 23.9 20.3 30.5



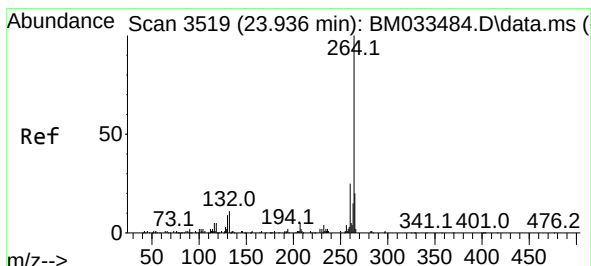
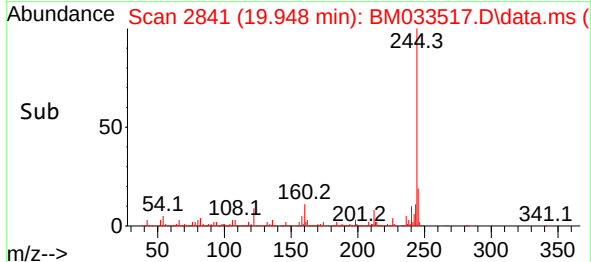
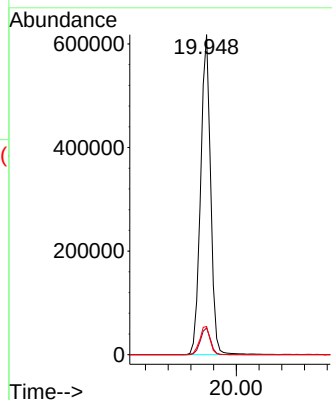


#79
 Terphenyl-d14
 Concen: 104.443 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033517.D
 Acq: 18 Dec 2021 13:47

Instrument :
 BNA_M
 ClientSampleId :

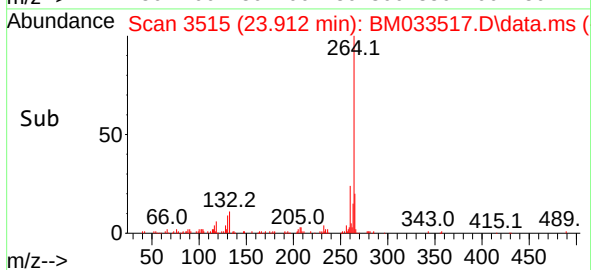
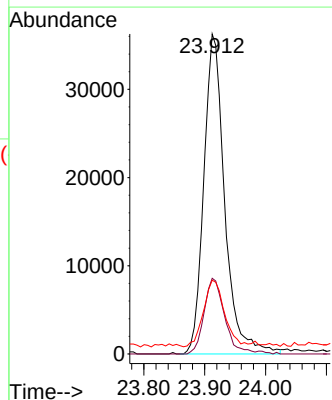
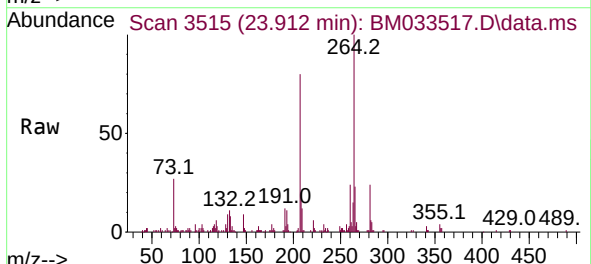


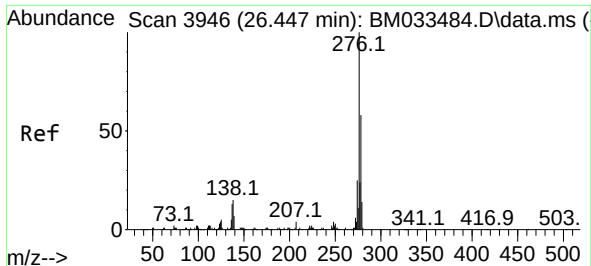
Tgt Ion:244 Resp: 756345
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 8.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.024 min
 Lab File: BM033517.D
 Acq: 18 Dec 2021 13:47

Tgt Ion:264 Resp: 86587
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.7 26.5
 265 23.0 17.7 26.5

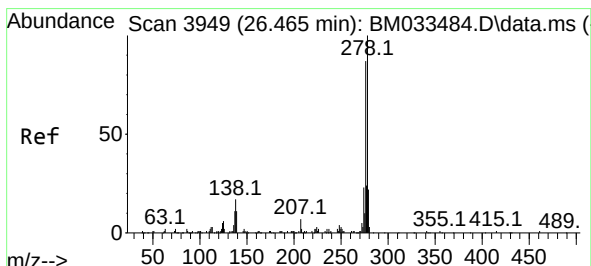
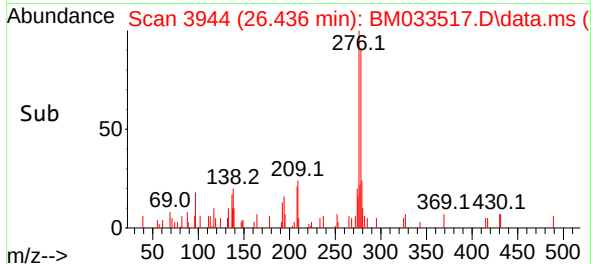
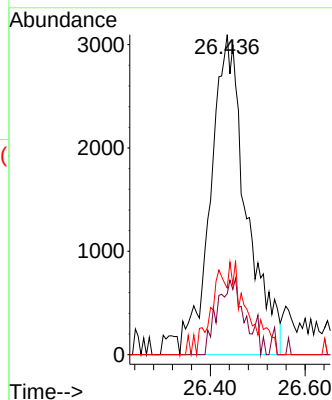
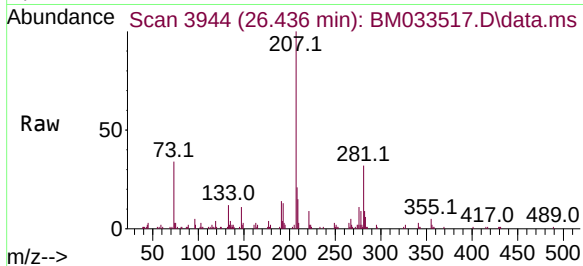




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.058 ng
 RT: 26.436 min Scan# 3944
 Delta R.T. -0.011 min
 Lab File: BM033517.D
 Acq: 18 Dec 2021 13:47

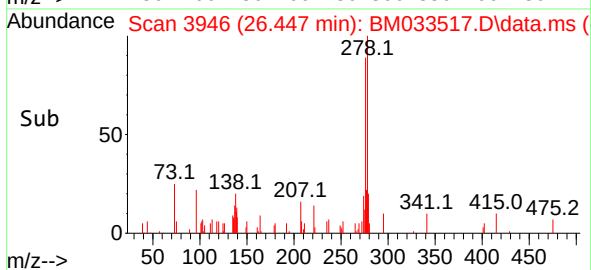
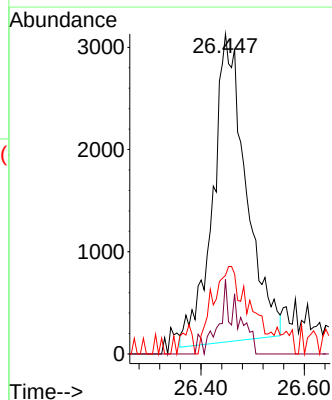
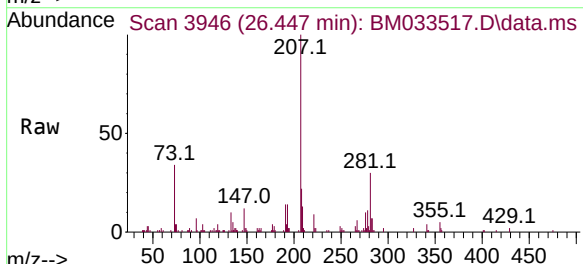
Instrument :
 BNA_M
 ClientSampleId :

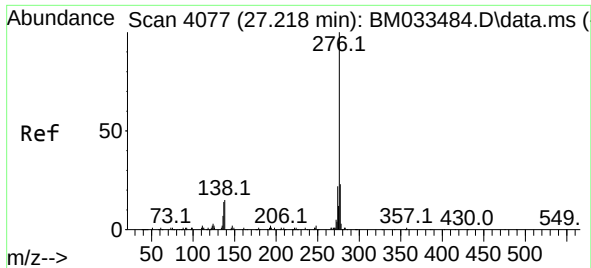
Tgt Ion:276 Resp: 16198
 Ion Ratio Lower Upper
 276 100
 138 16.5 18.7 28.1#
 277 0.0 20.2 30.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 4.486 ng
 RT: 26.447 min Scan# 3946
 Delta R.T. -0.018 min
 Lab File: BM033517.D
 Acq: 18 Dec 2021 13:47

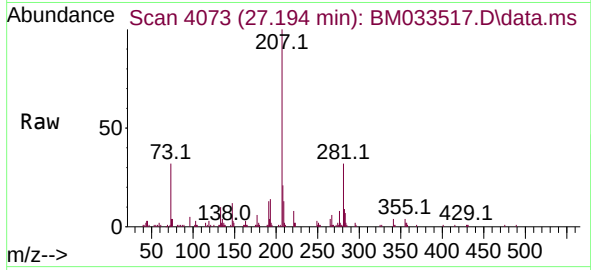
Tgt Ion:278 Resp: 13433
 Ion Ratio Lower Upper
 278 100
 139 31.1 10.9 16.3#
 279 24.6 17.7 26.5





#92
 Benzo(g,h,i)perylene
 Concen: 2.293 ng
 RT: 27.194 min Scan# 4073
 Delta R.T. -0.024 min
 Lab File: BM033517.D
 Acq: 18 Dec 2021 13:47

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	8829
Ion	Ratio	Lower	Upper
276	100		
277	30.0	19.1	28.7#
138	20.9	14.8	22.2

