

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035405.D
 Acq On : 03 Jun 2022 21:14
 Operator : CG/JU
 Sample : N3179-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-4-060222

Quant Time: Jun 04 00:46:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

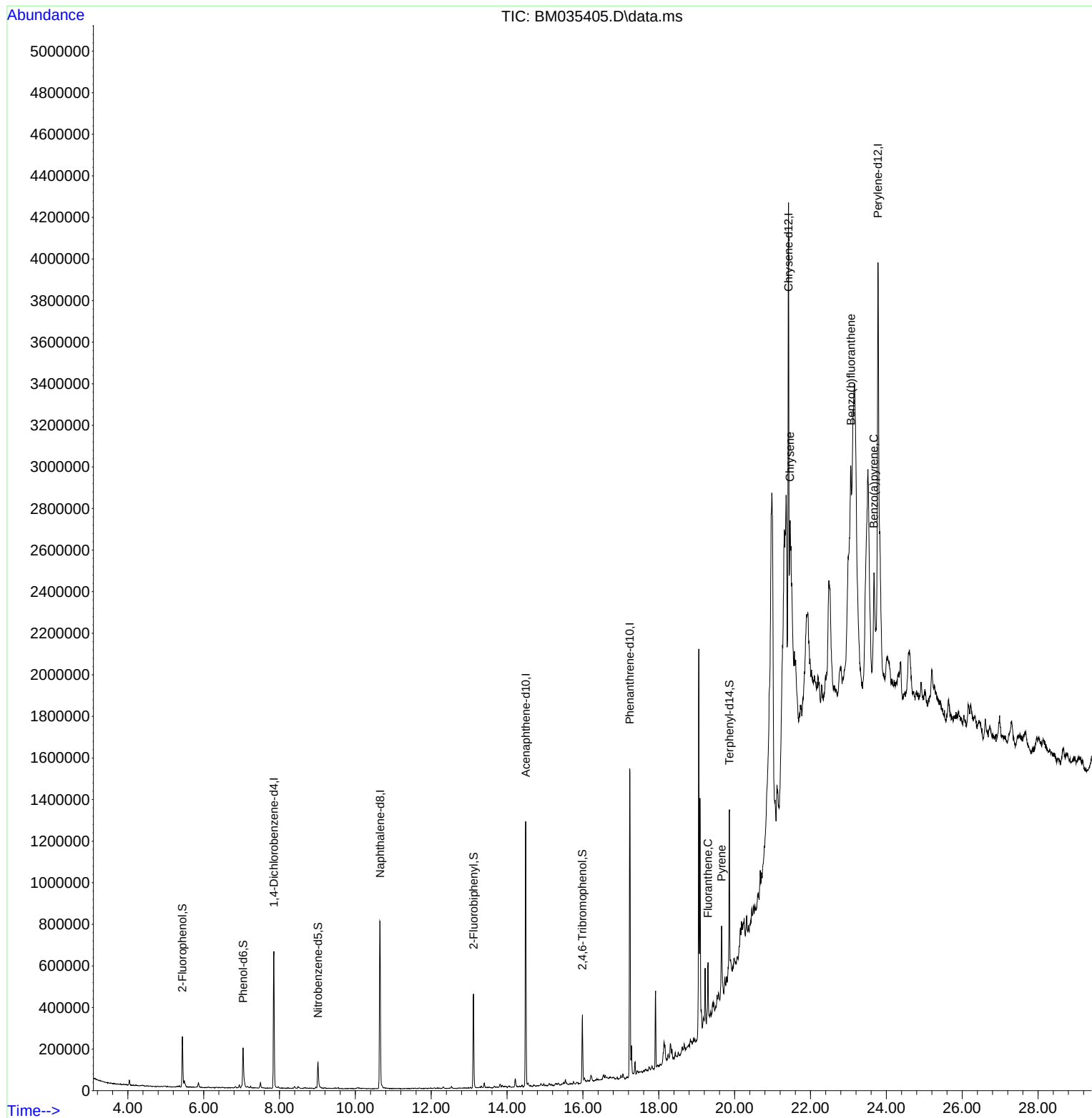
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	211214	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	758856	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	471387	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	992328	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	1116543	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1246499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	127383	12.673	ng	0.00
7) Phenol-d6	7.040	99	152938	11.139	ng	0.00
23) Nitrobenzene-d5	9.016	82	86940	7.275	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	81409	10.764	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	262555	8.000	ng	0.00
79) Terphenyl-d14	19.862	244	408169	7.283	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.298	202	152168	2.510	ng	97
78) Pyrene	19.656	202	200221	2.957	ng	99
83) Chrysene	21.456	228	131187	2.004	ng	# 91
88) Benzo(b)fluoranthene	23.068	252	172137	2.398	ng	# 73
90) Benzo(a)pyrene	23.674	252	142591	2.333	ng	# 81

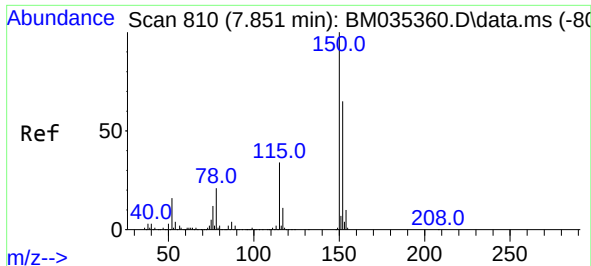
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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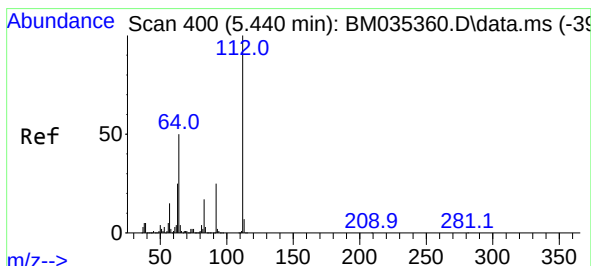
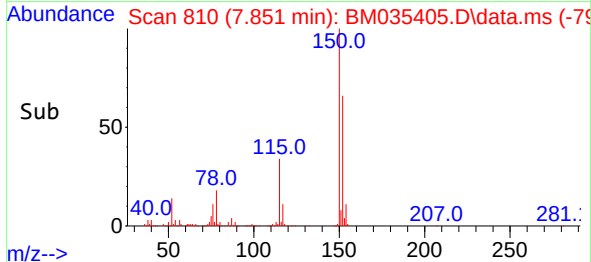
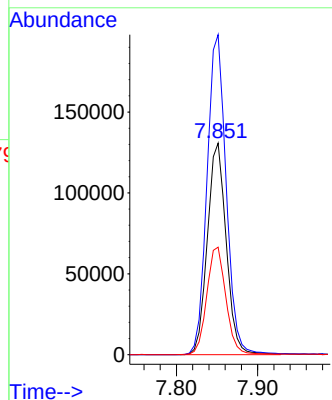
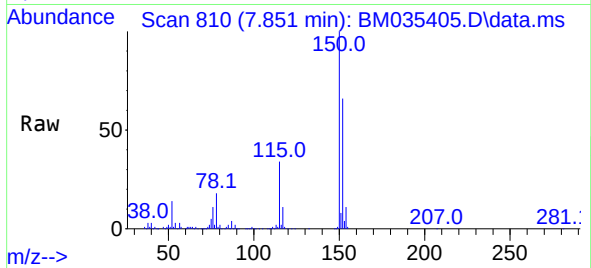




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

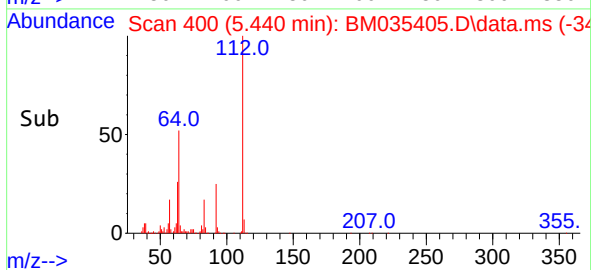
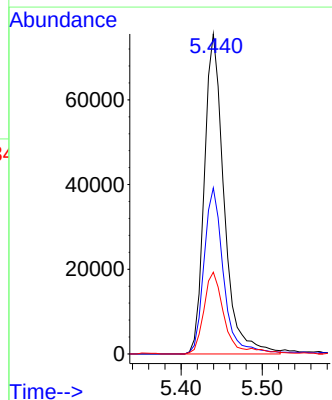
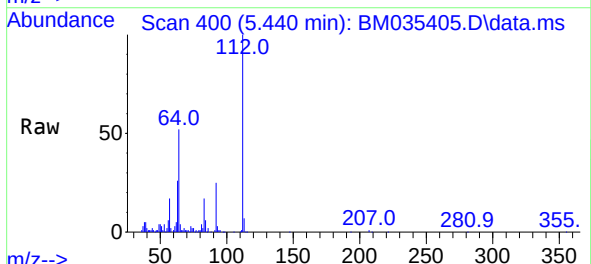
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

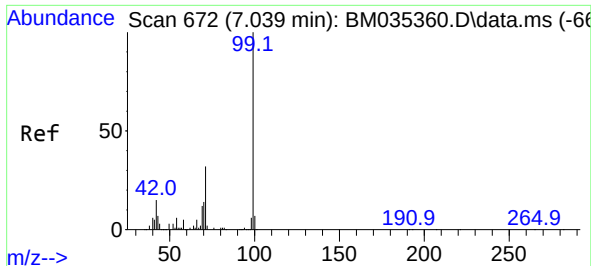
Tgt Ion:152 Resp: 211214
Ion Ratio Lower Upper
152 100
150 151.3 124.9 187.3
115 50.8 47.9 71.9



#5
2-Fluorophenol
Concen: 12.673 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Tgt Ion:112 Resp: 127383
Ion Ratio Lower Upper
112 100
64 51.9 47.8 71.6
63 25.5 26.6 40.0#

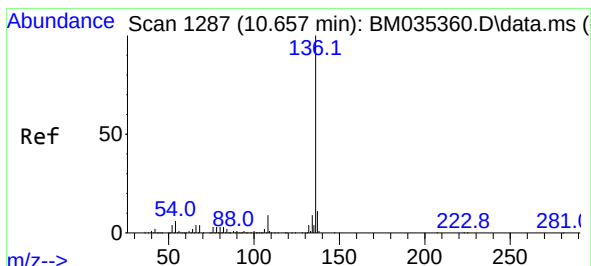
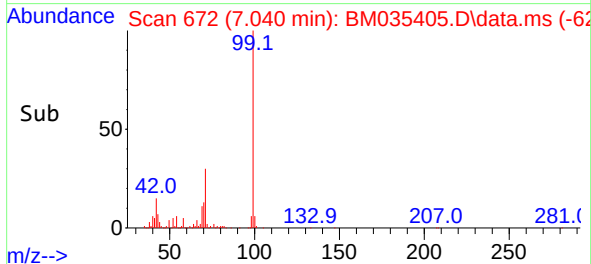
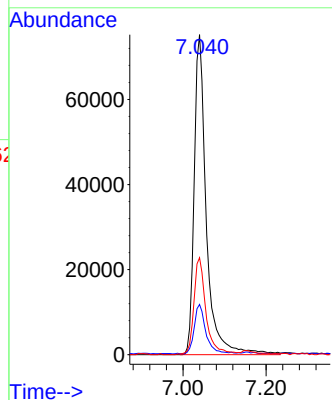
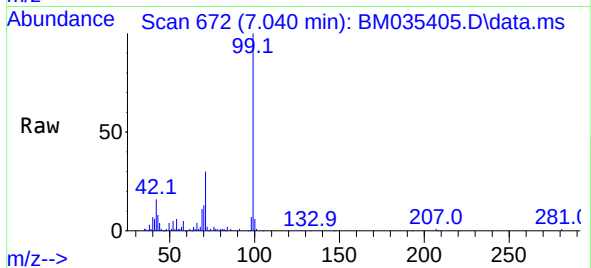




#7
Phenol-d6
Concen: 11.139 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

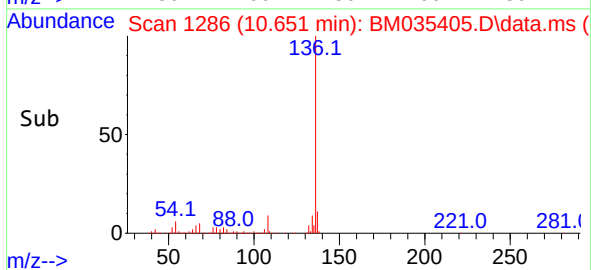
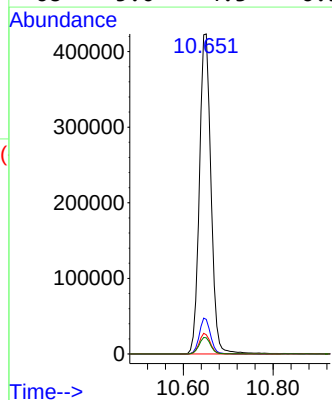
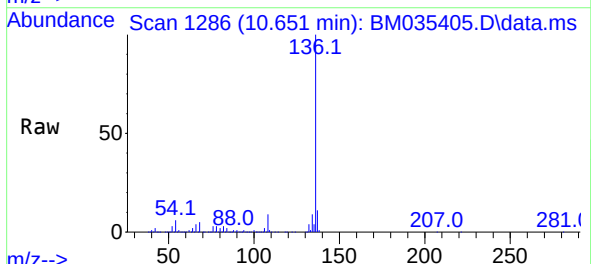
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

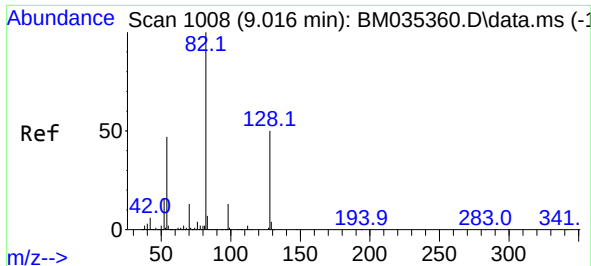
Tgt Ion: 99 Resp: 152938
Ion Ratio Lower Upper
99 100
42 15.7 18.8 28.2#
71 30.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Tgt Ion:136 Resp: 758856
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.0 7.0 10.4#
68 5.0 4.3 6.5

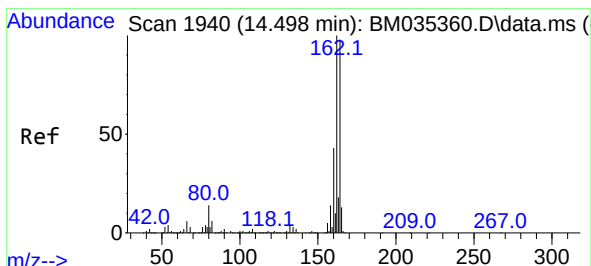
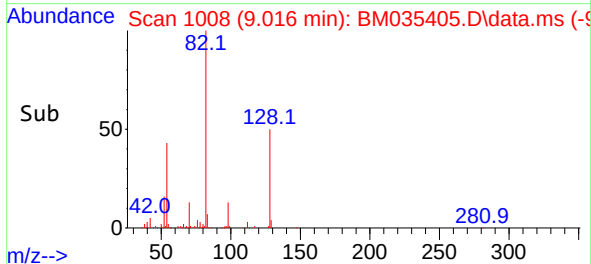
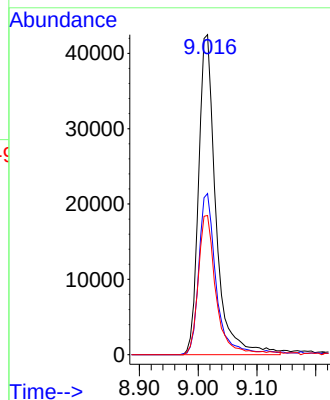
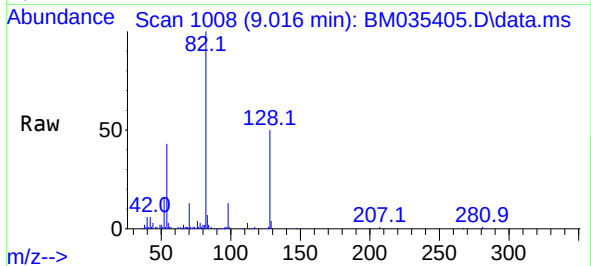




#23
Nitrobenzene-d5
Concen: 7.275 ng
RT: 9.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

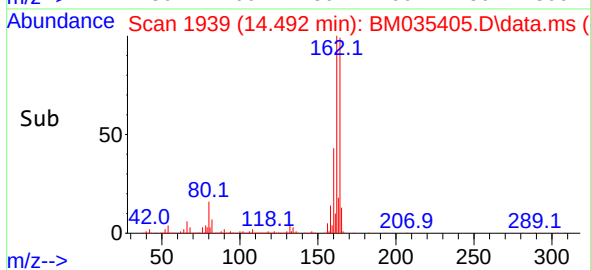
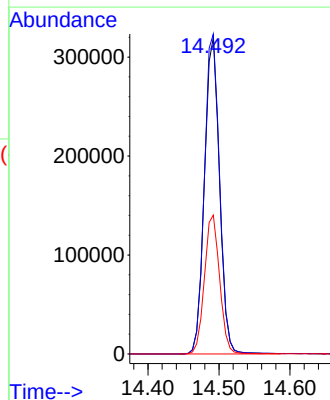
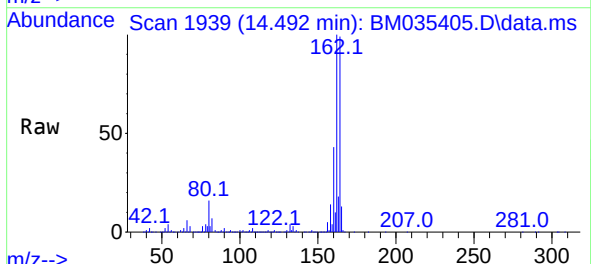
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

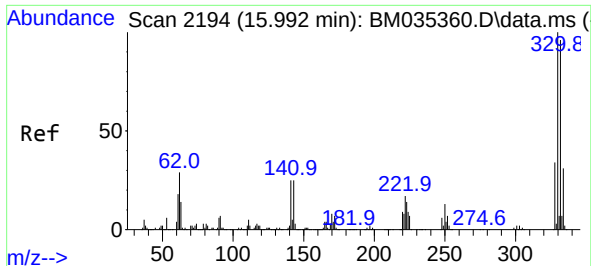
Tgt Ion: 82 Resp: 86940
Ion Ratio Lower Upper
82 100
128 50.4 33.7 50.5
54 43.5 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Tgt Ion: 164 Resp: 471387
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 43.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 10.764 ng

RT: 15.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035405.D

Acq: 03 Jun 2022 21:14

Instrument :

BNA_M

ClientSampleId :

TR-4-060222

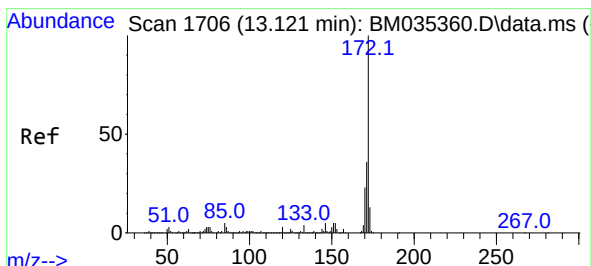
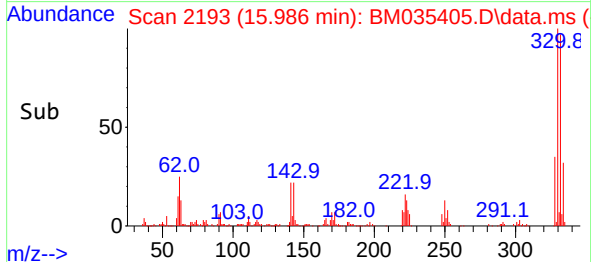
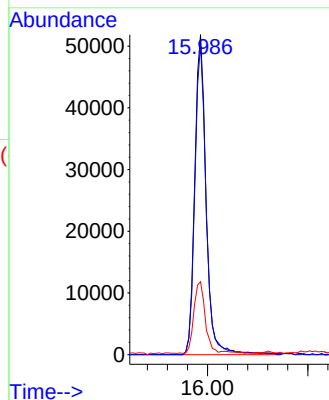
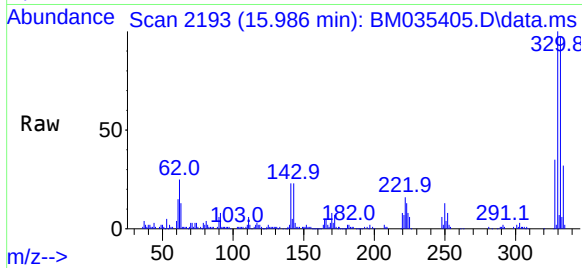
Tgt Ion:330 Resp: 81409

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 22.3 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 8.000 ng

RT: 13.116 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BM035405.D

Acq: 03 Jun 2022 21:14

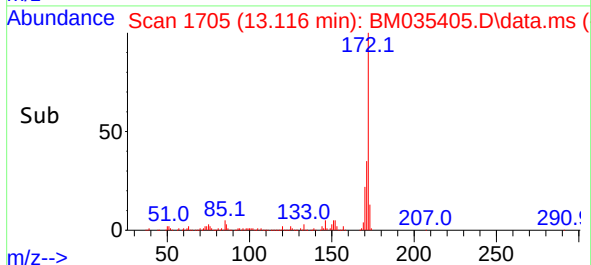
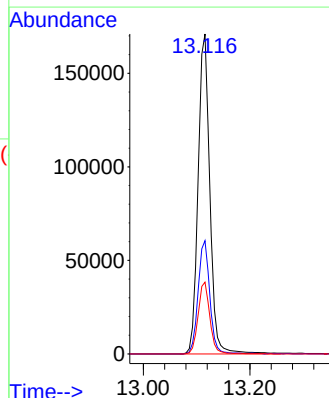
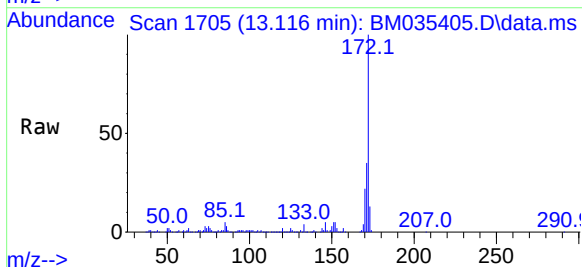
Tgt Ion:172 Resp: 262555

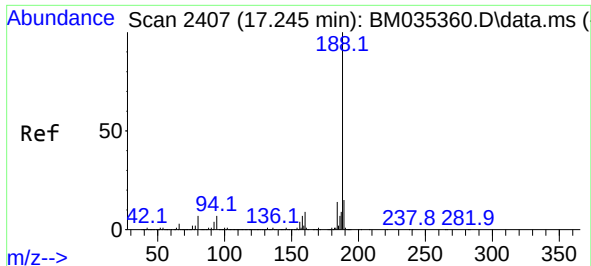
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 22.4 18.7 28.1

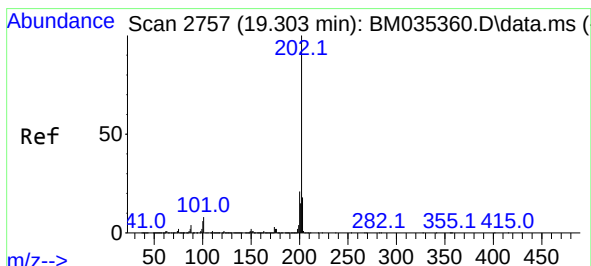
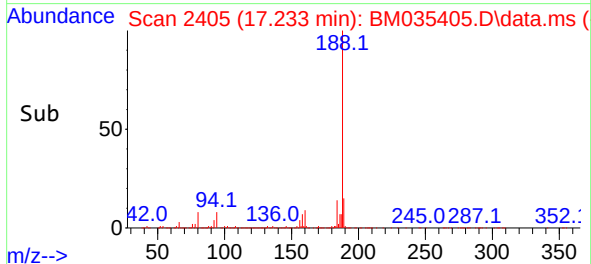
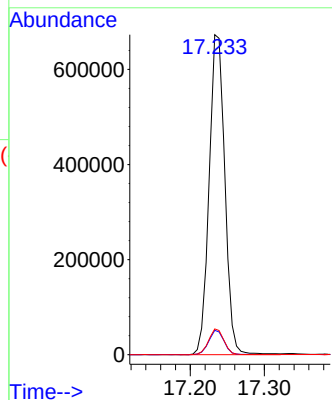
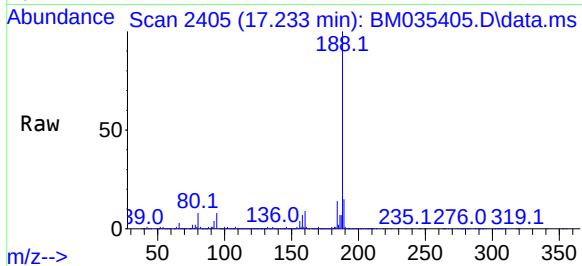




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

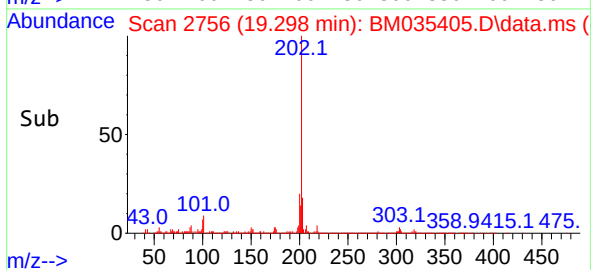
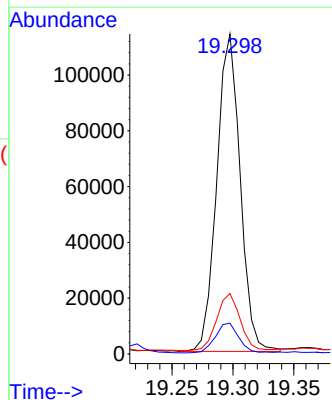
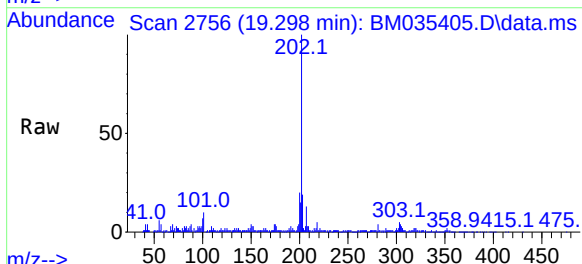
Instrument :
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TR-4-060222

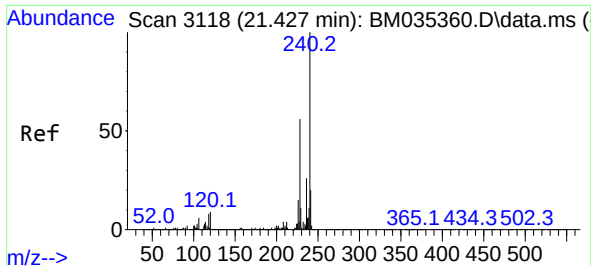
Tgt Ion:188 Resp: 992328
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.0 7.6 11.4



#75
Fluoranthene
Concen: 2.510 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Tgt Ion:202 Resp: 152168
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.6
203 18.9 0.0 37.4

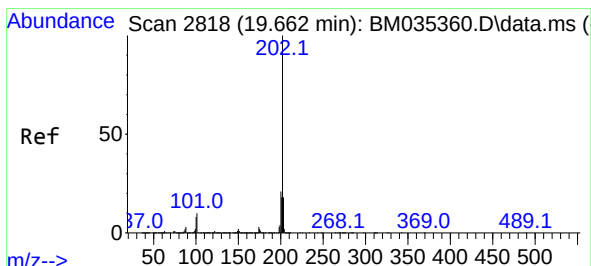
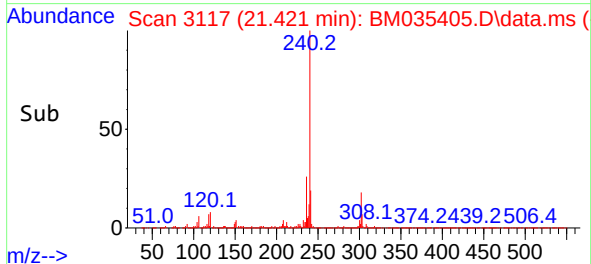
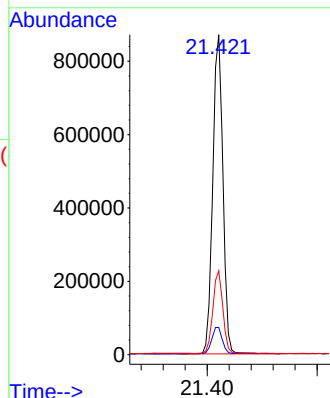
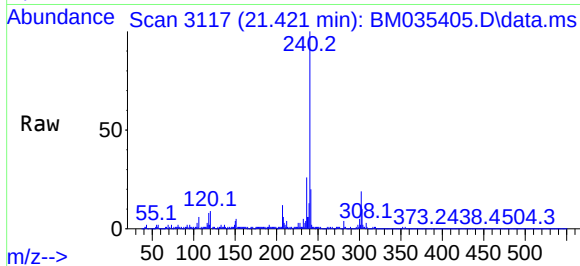




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

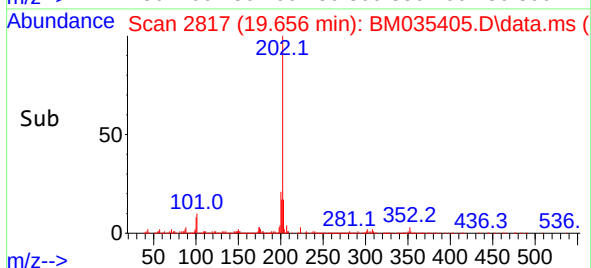
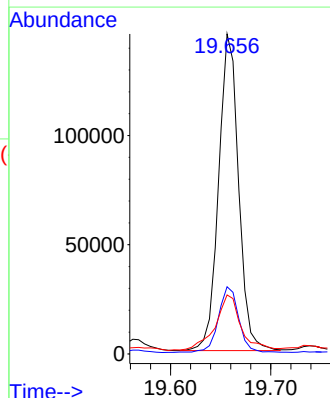
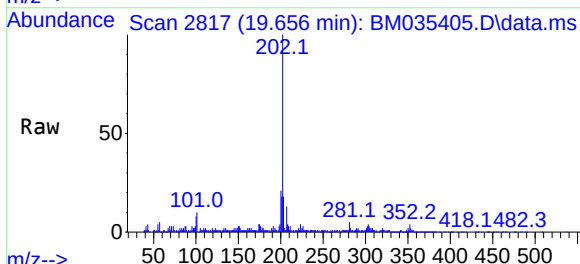
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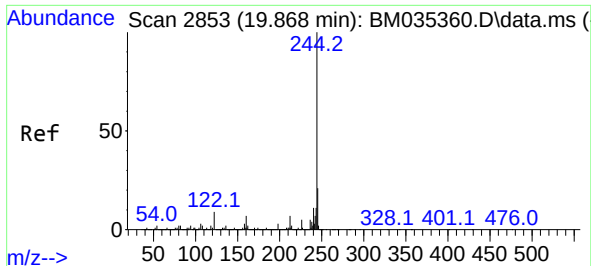
Tgt Ion:240 Resp: 1116543
Ion Ratio Lower Upper
240 100
120 8.5 9.4 14.0#
236 26.2 20.6 30.8



#78
Pyrene
Concen: 2.957 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Tgt Ion:202 Resp: 200221
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 18.5 13.9 20.9

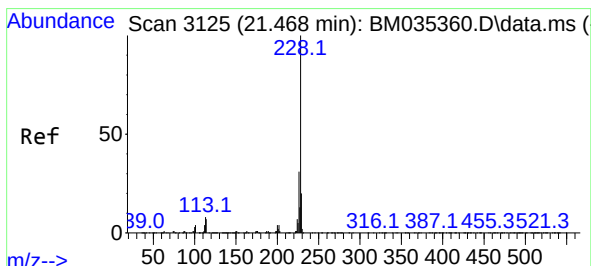
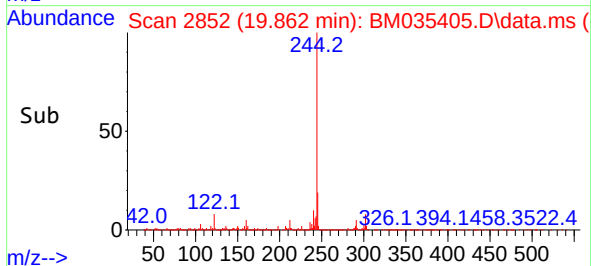
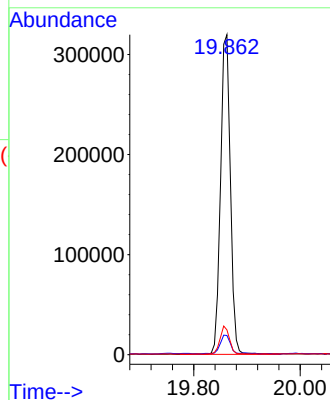
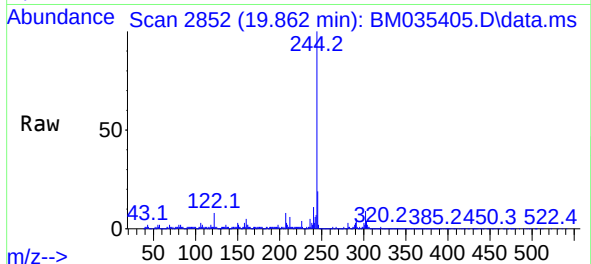




#79
 Terphenyl-d14
 Concen: 7.283 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035405.D
 Acq: 03 Jun 2022 21:14

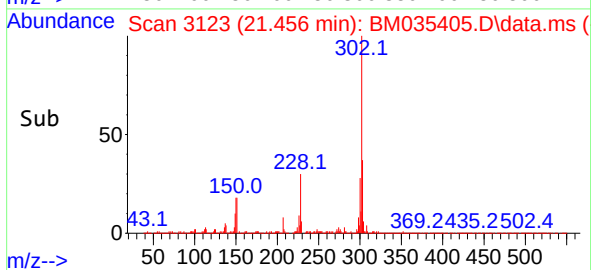
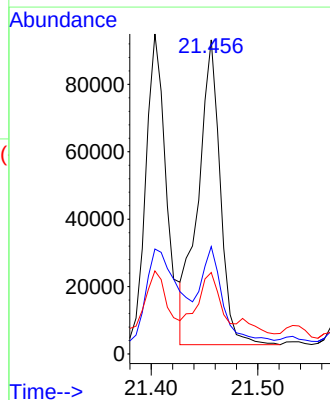
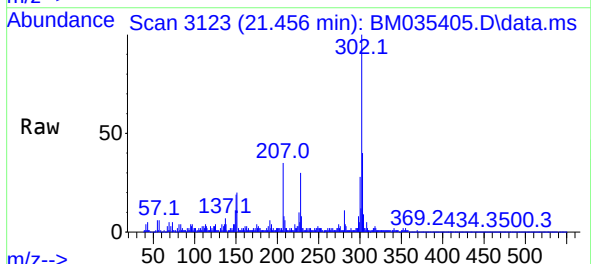
Instrument :
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 TR-4-060222

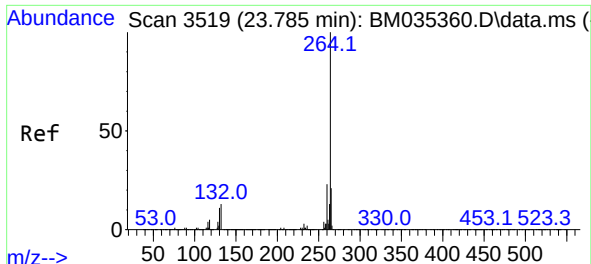
Tgt Ion:244 Resp: 408169
 Ion Ratio Lower Upper
 244 100
 212 6.0 6.2 9.4#
 122 7.8 8.3 12.5#



#83
 Chrysene
 Concen: 2.004 ng
 RT: 21.456 min Scan# 3123
 Delta R.T. -0.012 min
 Lab File: BM035405.D
 Acq: 03 Jun 2022 21:14

Tgt Ion:228 Resp: 131187
 Ion Ratio Lower Upper
 228 100
 226 34.2 24.4 36.6
 229 25.9 15.8 23.8#



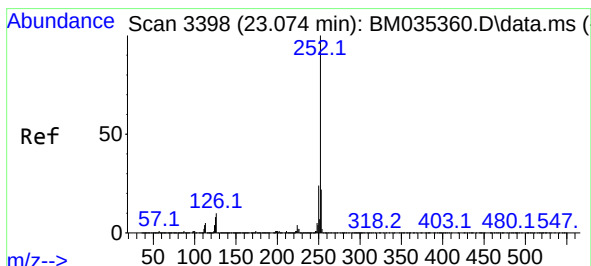
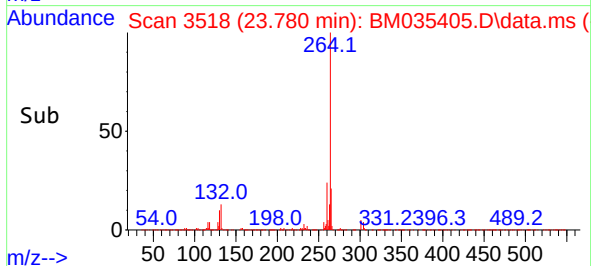
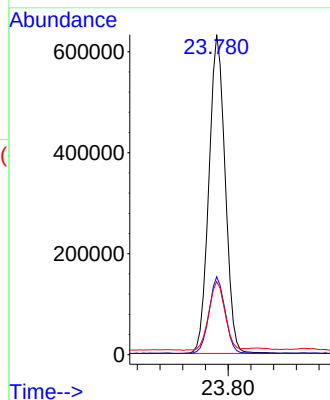
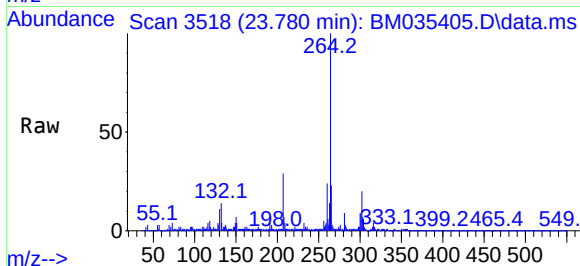


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Instrument :
BNA_M
ClientSampleId :
TR-4-060222

Tgt Ion:264 Resp: 1246499

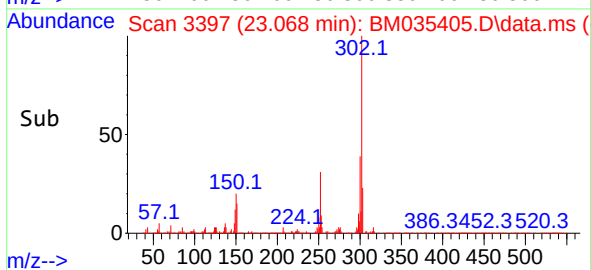
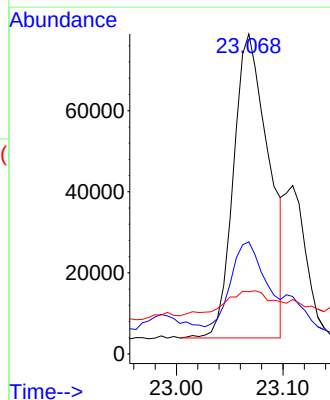
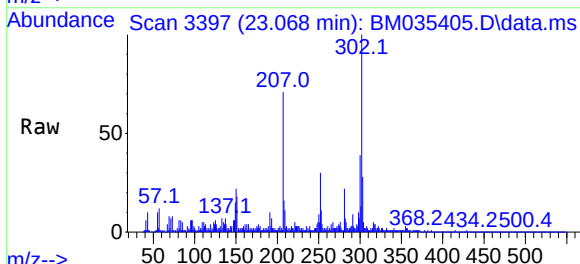
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.8	17.5	26.3

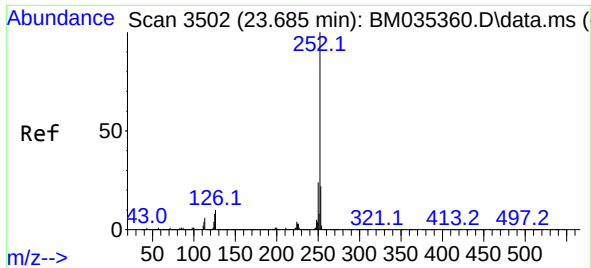


#88
Benzo(b)fluoranthene
Concen: 2.398 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Tgt Ion:252 Resp: 172137

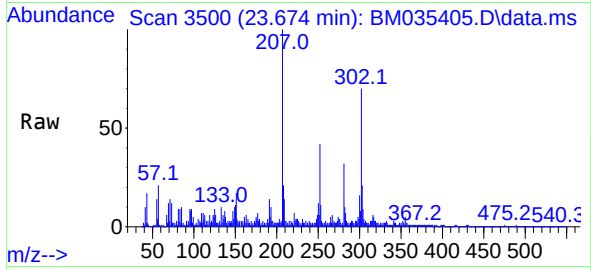
Ion	Ratio	Lower	Upper
252	100		
253	35.0	17.6	26.4#
125	19.4	7.6	11.4#





#90
Benzo(a)pyrene
Concen: 2.333 ng
RT: 23.674 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

Instrument :
BNA_M
ClientSampleId :
TR-4-060222



Tgt Ion:252 Resp: 142591
Ion Ratio Lower Upper
252 100
253 27.4 17.2 25.8#
125 22.4 8.7 13.1#

