

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)

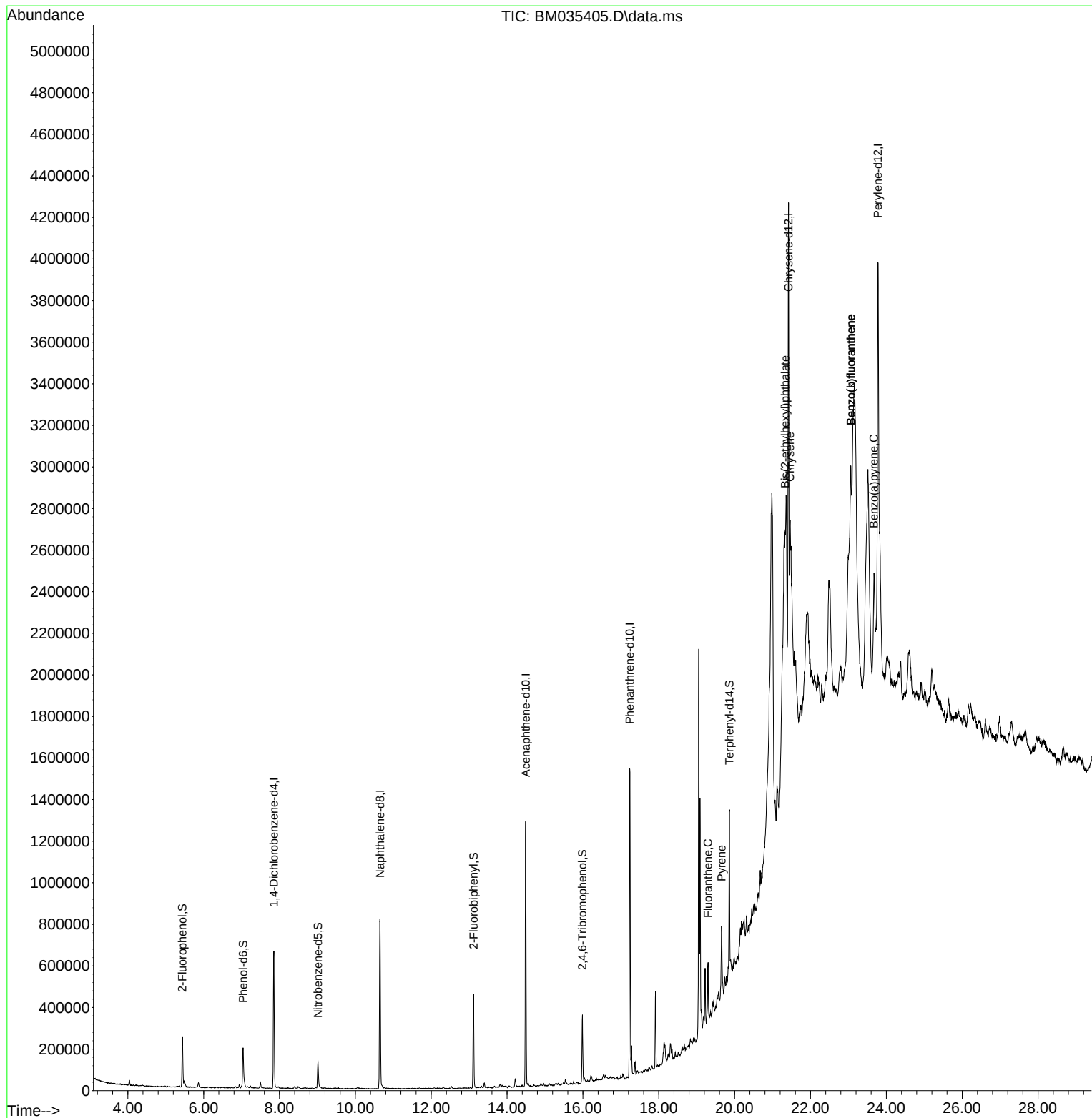
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	211214	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	758856	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	471387	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	992328	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	1116543	20.000	ng	# 0.00
86) 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
9) Benzaldehyde	6.998	77	622	Below Cal	#	1
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
84) Bis(2-ethylhexyl)phtha...	21.333	149	209371	4.833	ng	# 71
88) Benzo(b)fluoranthene	23.068	252	172137	2.398	ng	# 73
89) Benzo(k)fluoranthene	23.068	252	172137	2.343	ng	# 73
90) Benzo(a)pyrene	23.674	252	142591	2.333	ng	# 81

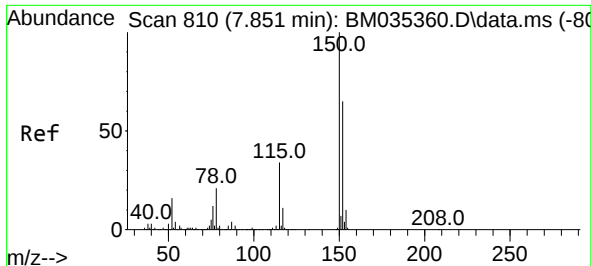
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

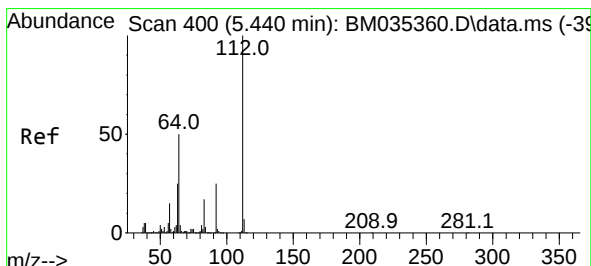
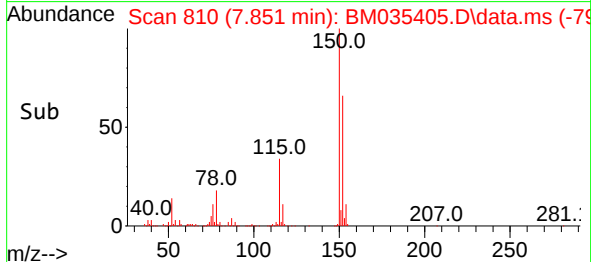
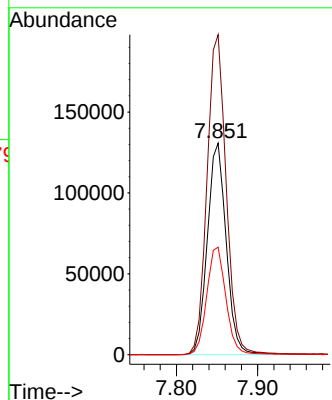
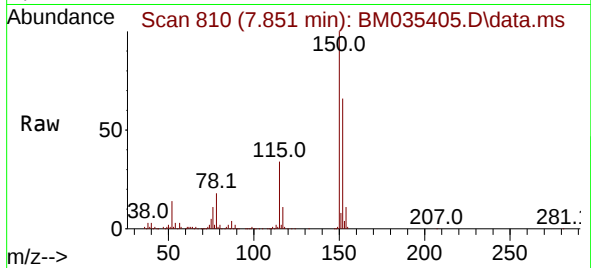




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

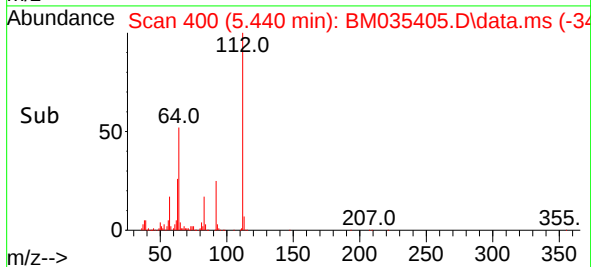
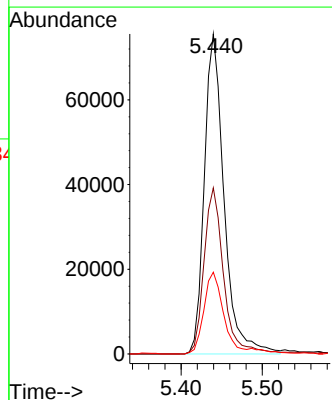
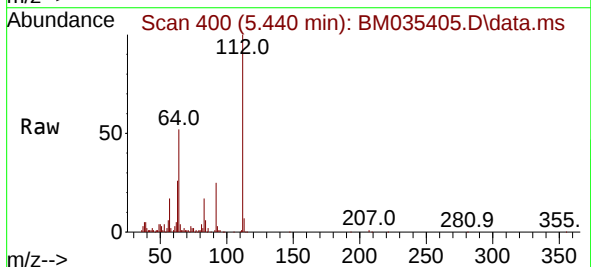
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

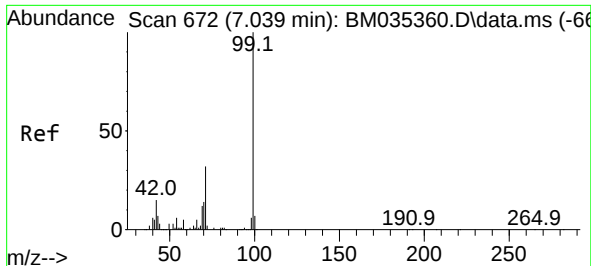
Tgt Ion:152 Resp: 211214
Ion Ratio Lower Upper
152 100
150 151.3 124.9 187.3
115 50.8 47.9 71.9



#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#

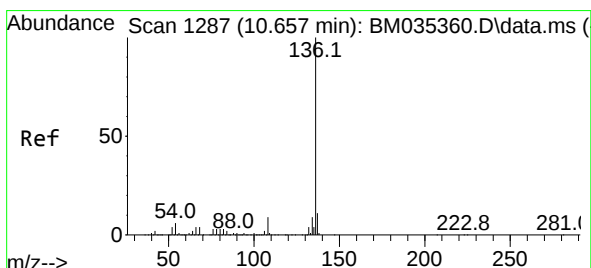
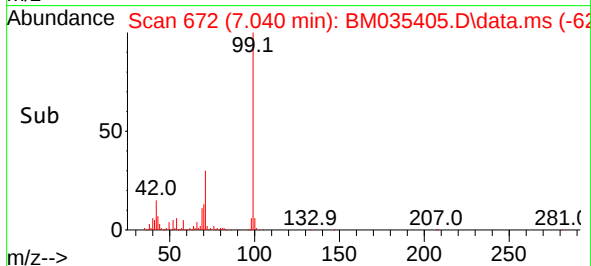
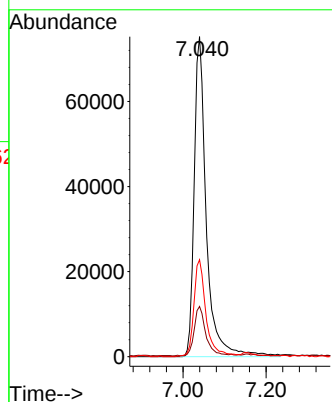
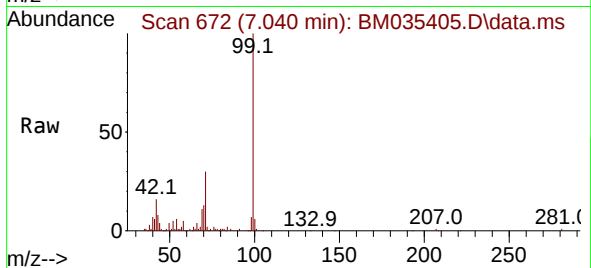




#7
Phenol-d6
Concen: 11.139 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

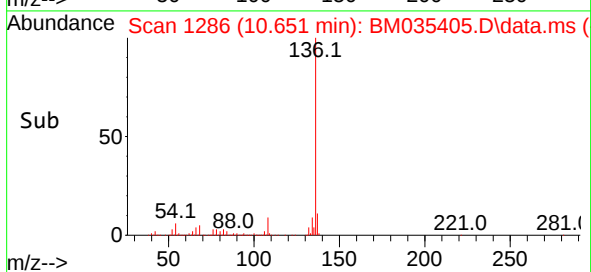
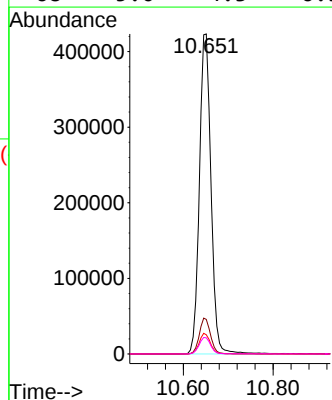
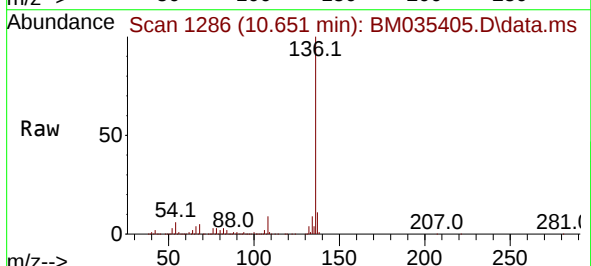
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

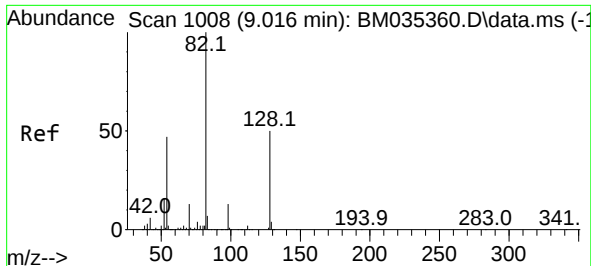
Tgt Ion: 99 Resp: 152938
Ion Ratio Lower Upper
99 100
42 15.7 18.8 28.2#
71 30.3 30.2 45.2



#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

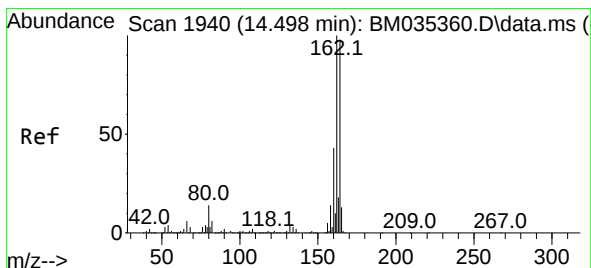
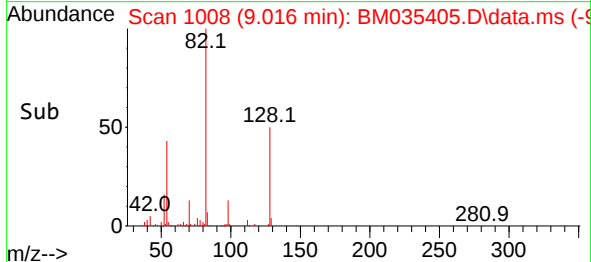
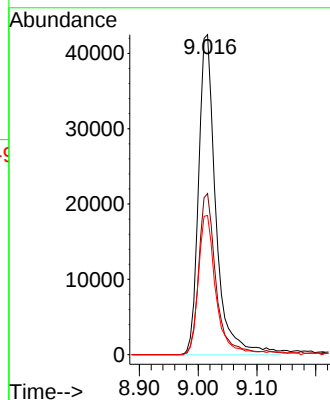
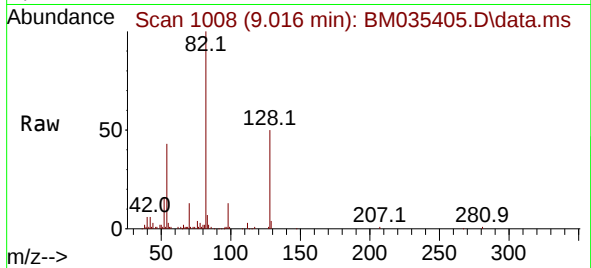




#23
Nitrobenzene-d5
Concen: 7.275 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

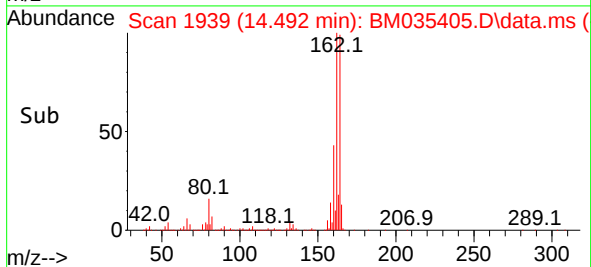
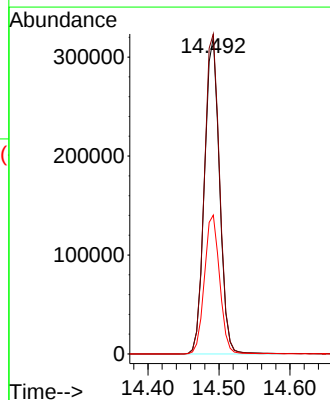
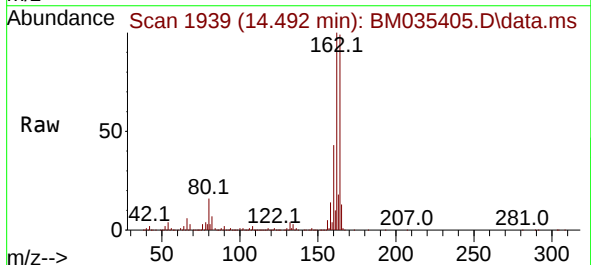
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

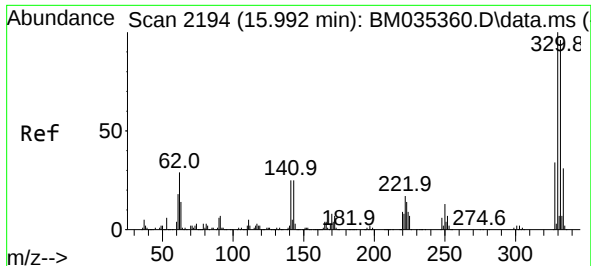
Tgt Ion: 82 Resp: 86940
Ion Ratio Lower Upper
82 100
128 50.4 33.7 50.5
54 43.5 43.2 64.8



#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

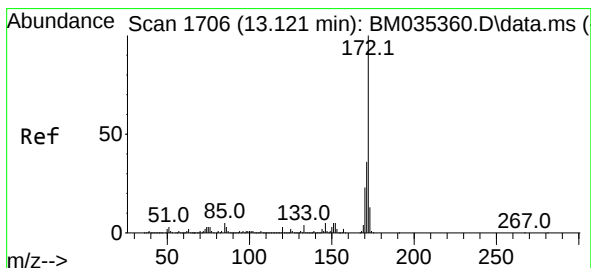
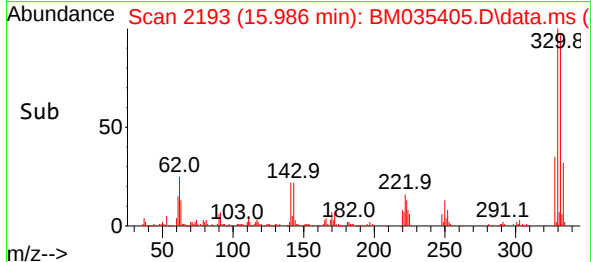
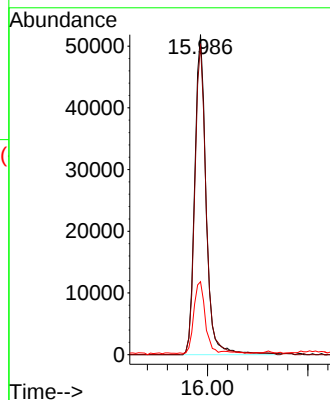
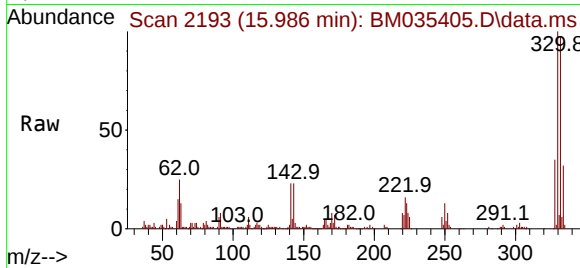




#42
2,4,6-Tribromophenol
Concen: 10.764 ng
RT: 15.986 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

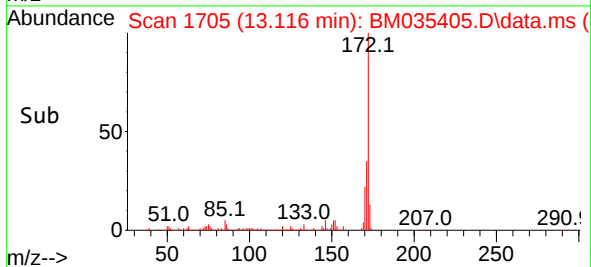
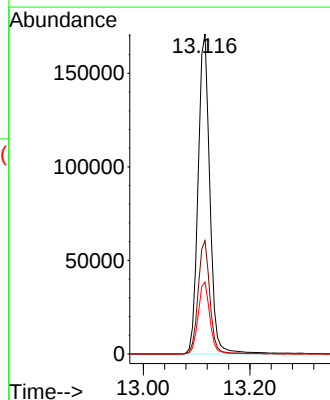
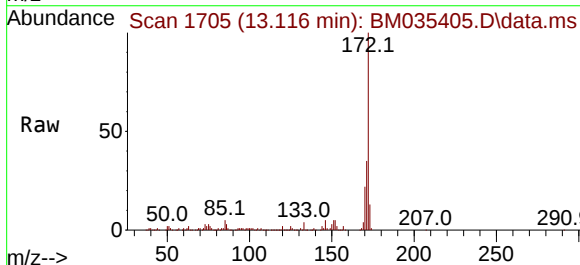
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

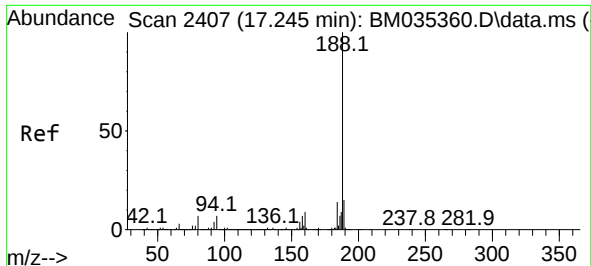
Tgt Ion:330 Resp: 81409
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 22.3 35.3 52.9#



#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

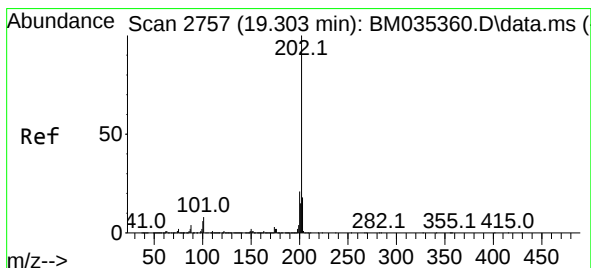
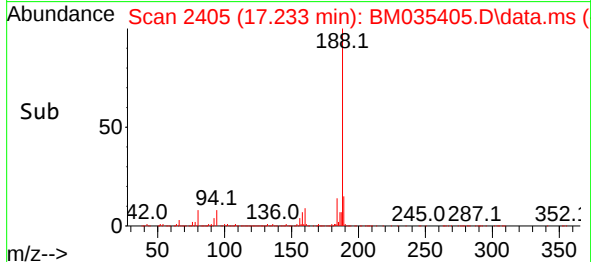
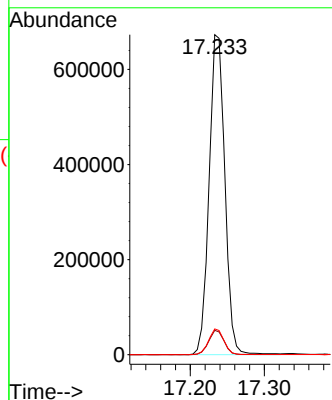
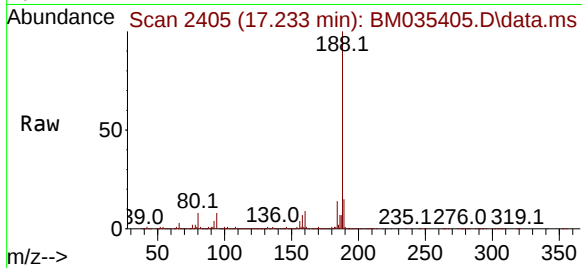




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

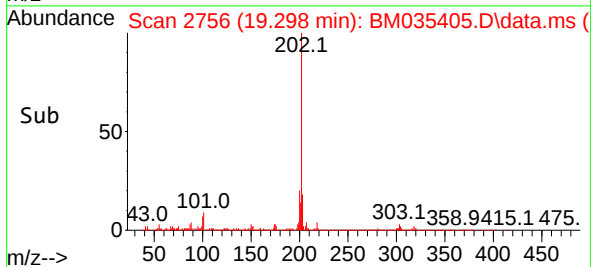
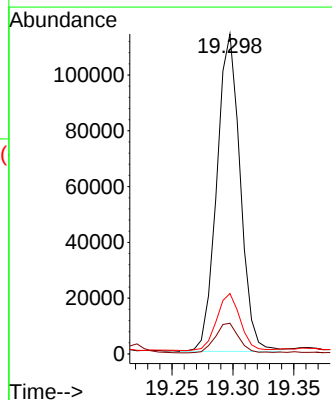
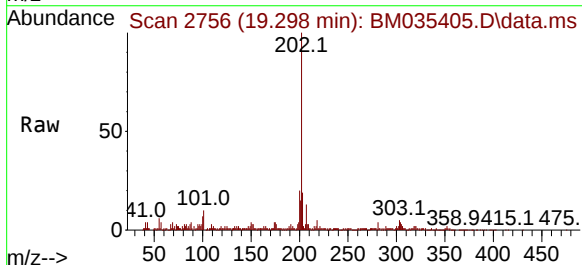
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

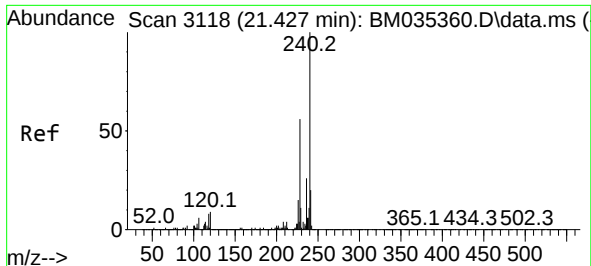
Tgt Ion:188 Resp: 992328
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.0 7.6 11.4



#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

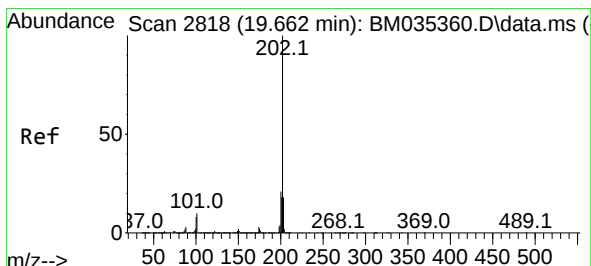
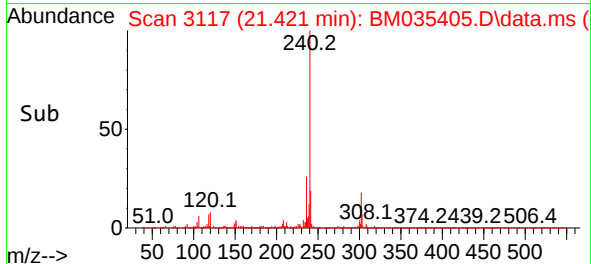
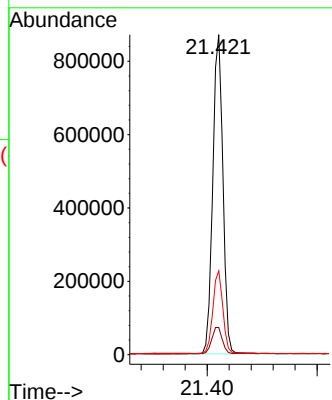
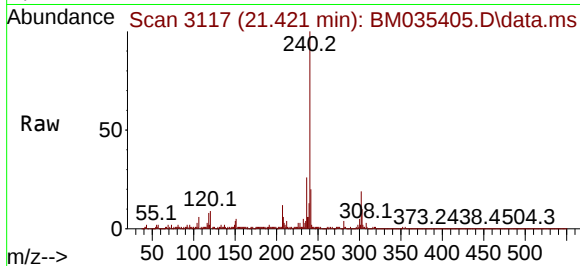




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

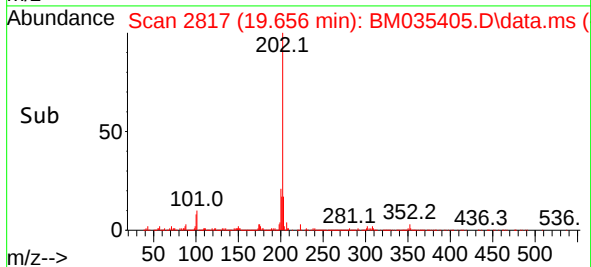
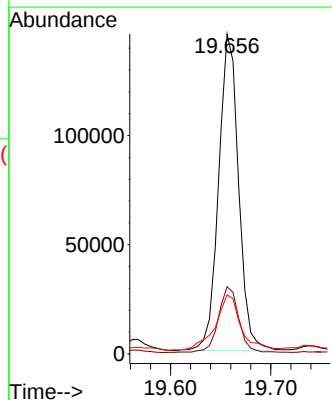
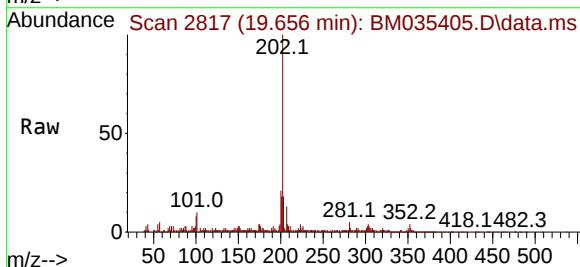
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

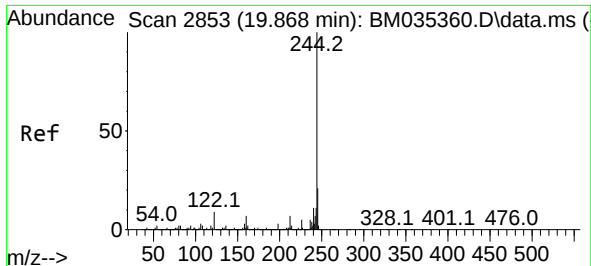
Tgt Ion:240 Resp: 1116543
Ion Ratio Lower Upper
240 100
120 8.5 9.4 14.0#
236 26.2 20.6 30.8



#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

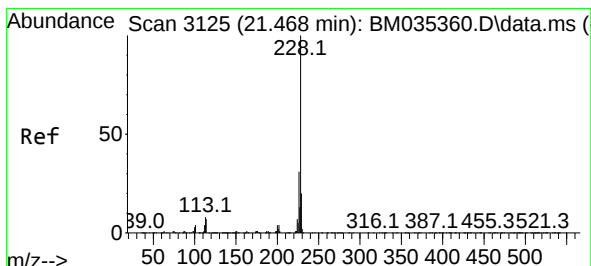
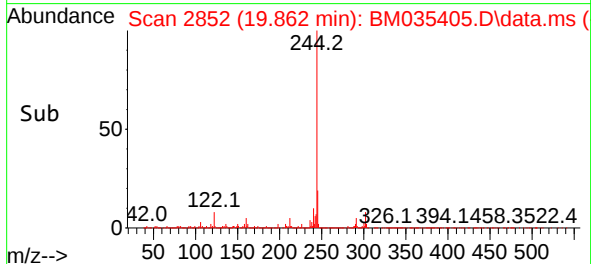
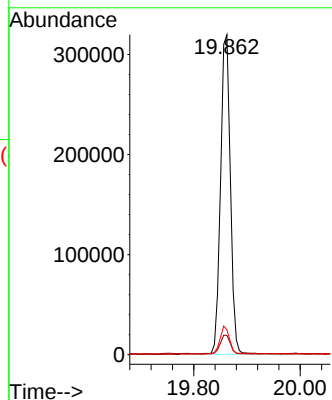
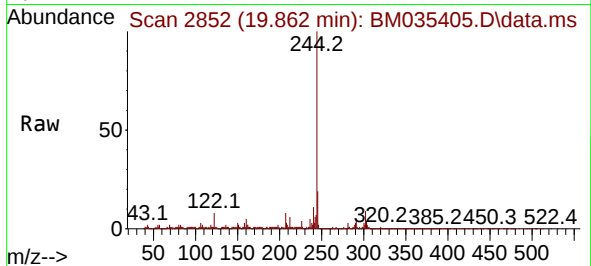




#79
 Terphenyl-d14
 Concen: 7.283 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035405.D
 Acq: 03 Jun 2022 21:14

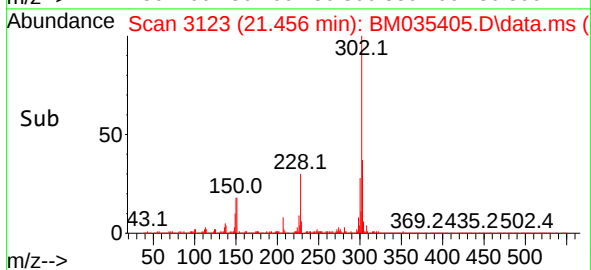
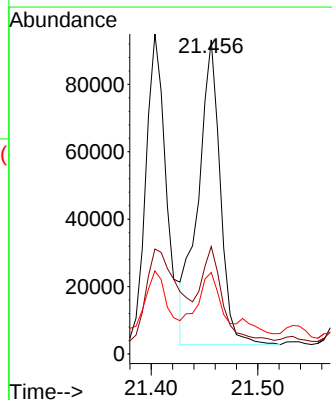
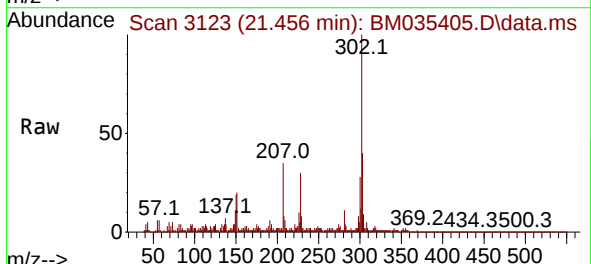
Instrument :
 BNA_M
 ClientSampleId :
 TR-4-060222

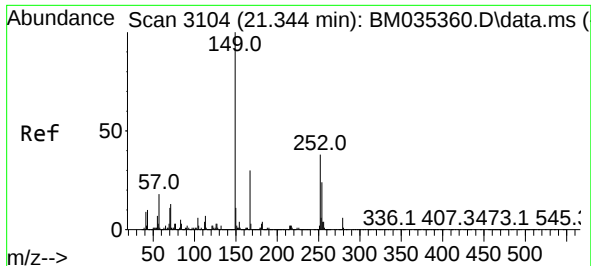
Tgt Ion:244 Resp: 408169
 Ion Ratio Lower Upper
 244 100
 212 6.0 6.2 9.4#
 122 7.8 8.3 12.5#



#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#

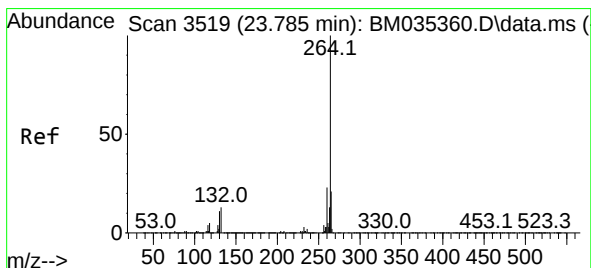
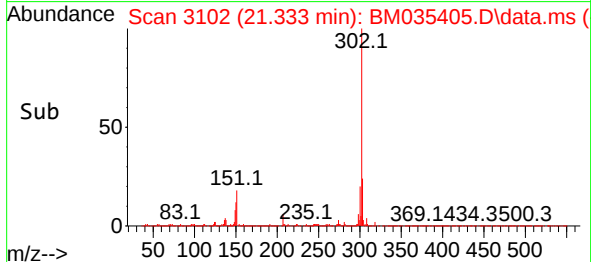
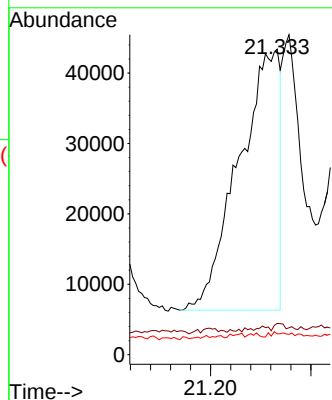
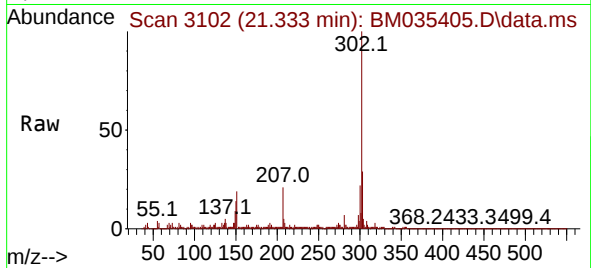




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.833 ng
RT: 21.333 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

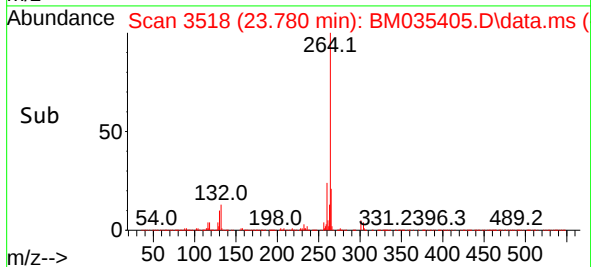
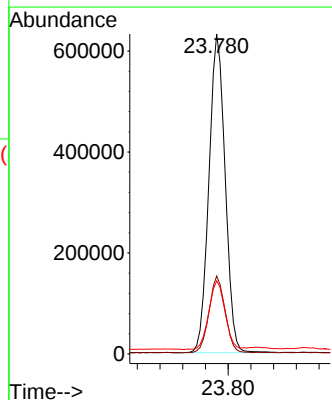
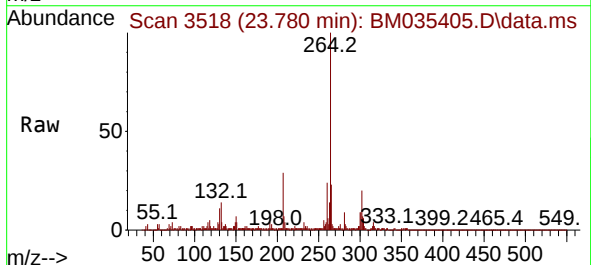
Instrument :
BNA_M
ClientSampleId :
TR-4-060222

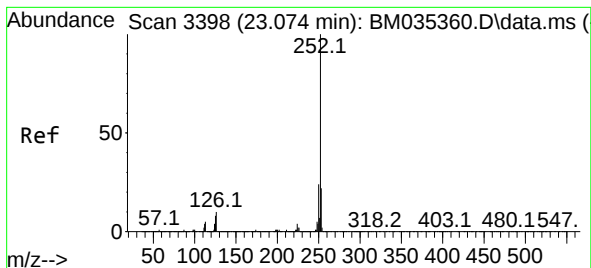
Tgt Ion:149 Resp: 209371
Ion Ratio Lower Upper
149 100
167 10.2 21.1 31.7#
279 6.8 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM035405.D
Acq: 03 Jun 2022 21:14

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

Instrument :

BNA_M

ClientSampleId :

TR-4-060222

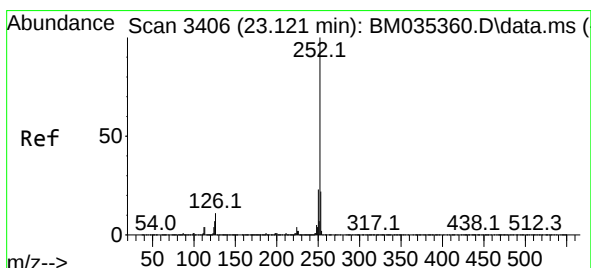
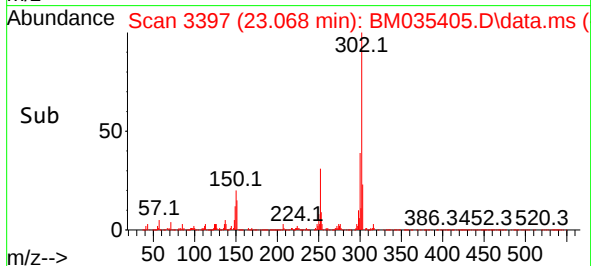
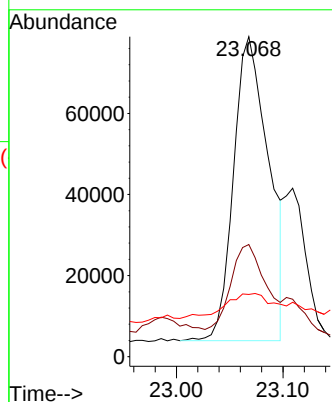
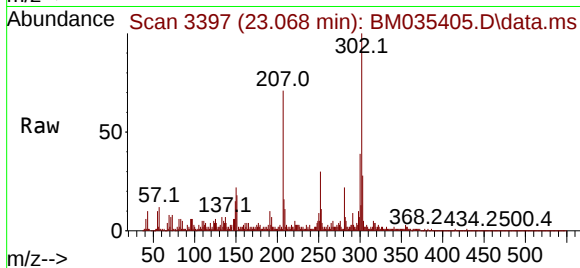
Tgt Ion:252 Resp: 172137

Ion Ratio Lower Upper

252 100

253 35.0 17.6 26.4#

125 19.4 7.6 11.4#



#89

Benzo(k)fluoranthene

Concen: 2.343 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.053 min

Lab File: BM035405.D

Acq: 03 Jun 2022 21:14

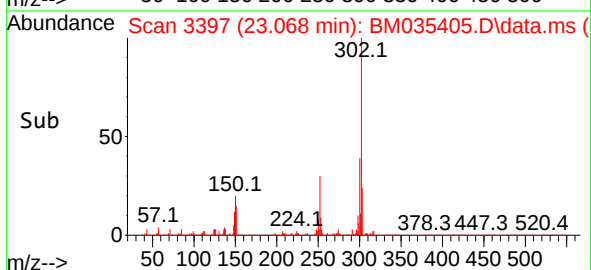
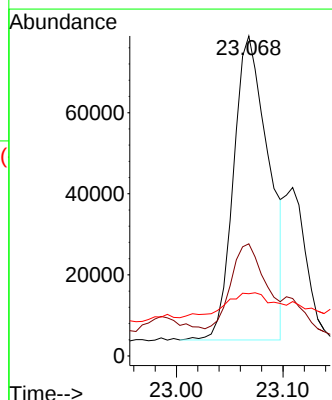
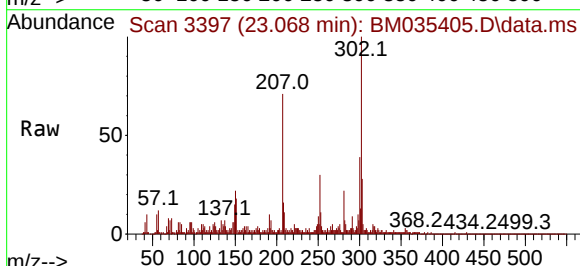
Tgt Ion:252 Resp: 172137

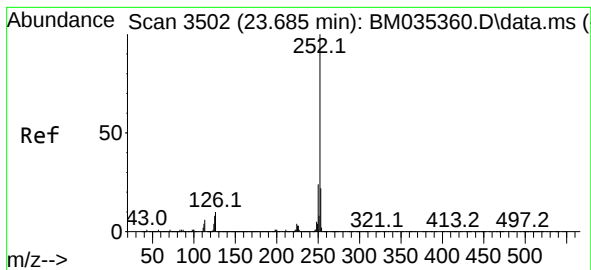
Ion Ratio Lower Upper

252 100

253 35.0 17.5 26.3#

125 19.4 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 2.333 ng

RT: 23.674 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035405.D

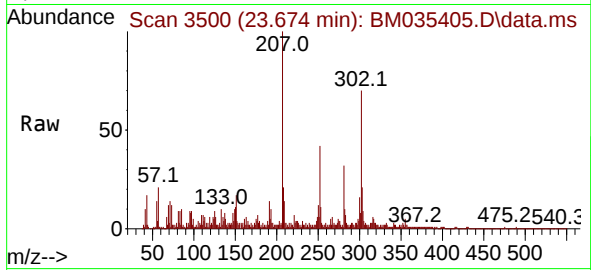
Acq: 03 Jun 2022 21:14

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#

