

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034383.D
 Acq On : 25 Mar 2022 13:59
 Operator : CG/JU
 Sample : N2084-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG-3DL

Quant Time: Mar 26 05:38:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

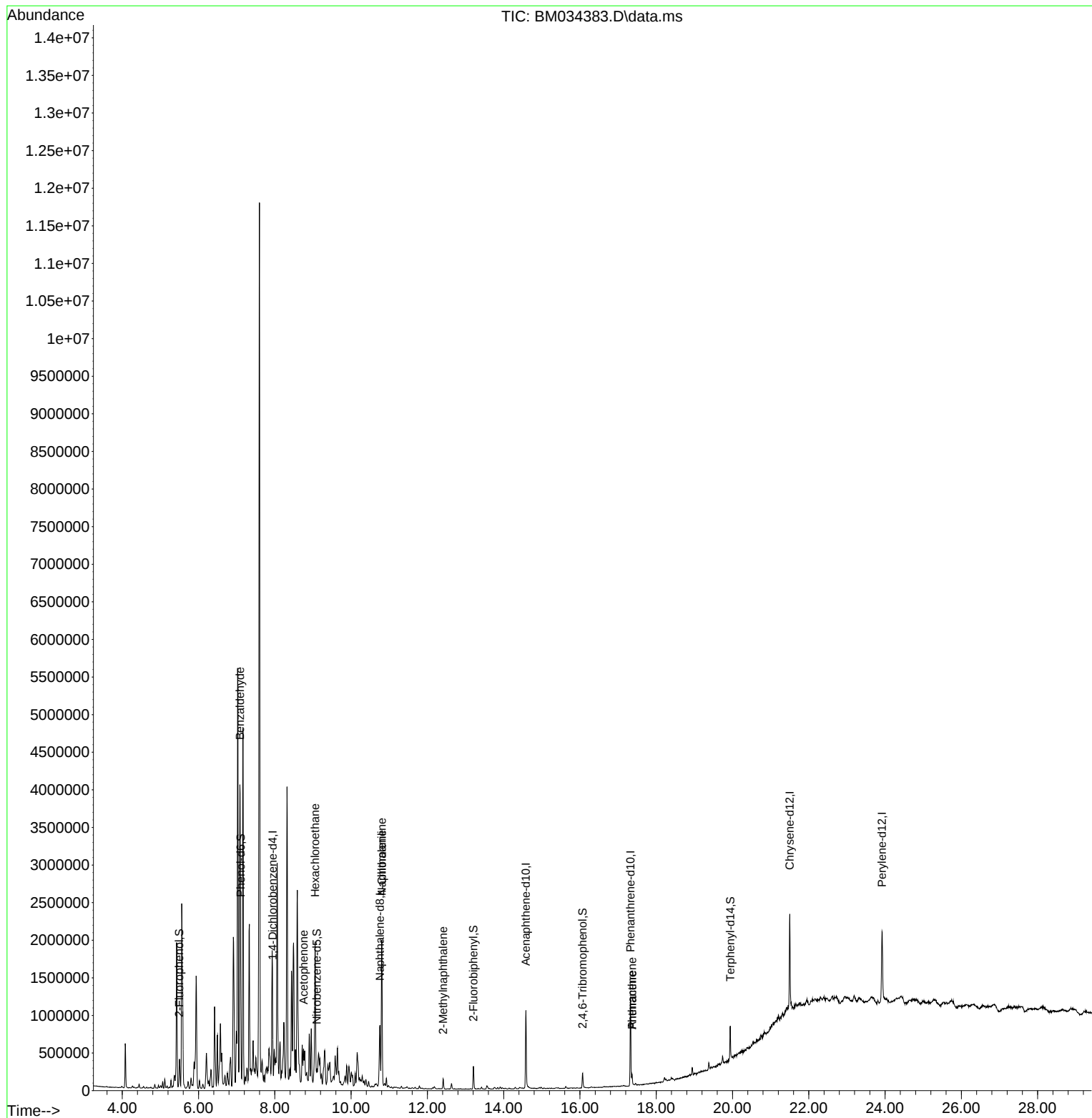
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	156341	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	617561	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	366609	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	700619	20.000	ng	0.00
76) Chrysene-d12	21.500	240	666780	20.000	ng	0.00
86) Perylene-d12	23.918	264	775055	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	87271	10.014	ng	0.00
7) Phenol-d6	7.101	99	107022	8.577	ng	0.00
23) Nitrobenzene-d5	9.101	82	73157	5.767	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	39899	8.074	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	156286	5.825	ng	0.00
79) Terphenyl-d14	19.942	244	224351	5.847	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.084	77	244830	36.420	ng	# 1
18) Hexachloroethane	9.054	117	135706	31.084	ng	# 1
22) Acetophenone	8.754	105	264970	16.719	ng	# 58
31) Naphthalene	10.807	128	1541449	47.911	ng	100
33) 4-Chloroaniline	10.807	127	201073	15.843	ng	# 32
37) 2-Methylnaphthalene	12.413	142	63127	2.750	ng	99
71) Phenanthrene	17.365	178	79987	2.039	ng	99
72) Anthracene	17.365	178	79987	2.094	ng	98

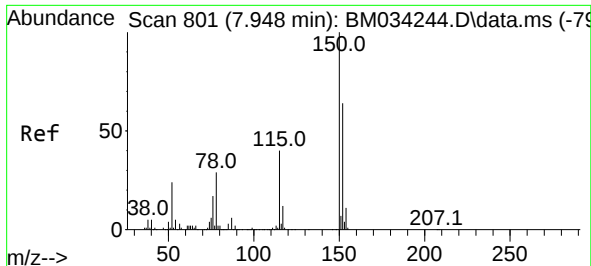
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 26 05:38:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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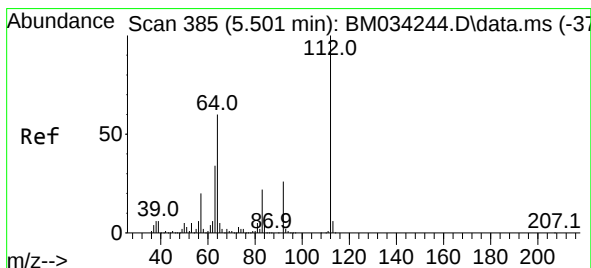
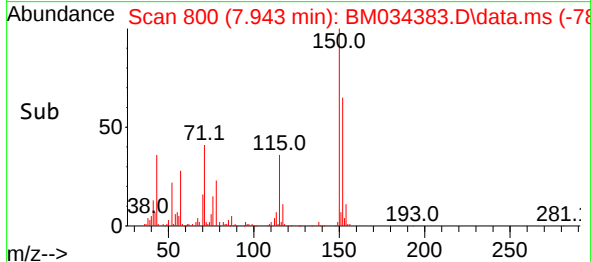
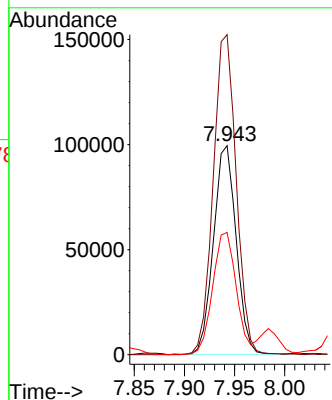
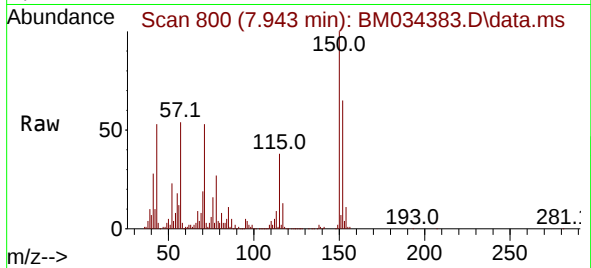




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 801
Delta R.T. 0.001 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

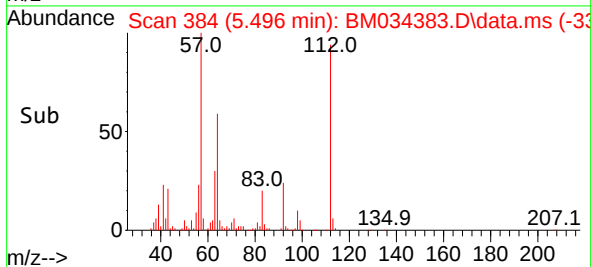
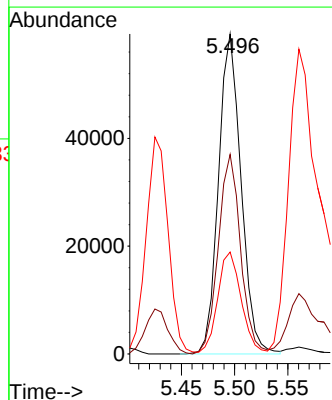
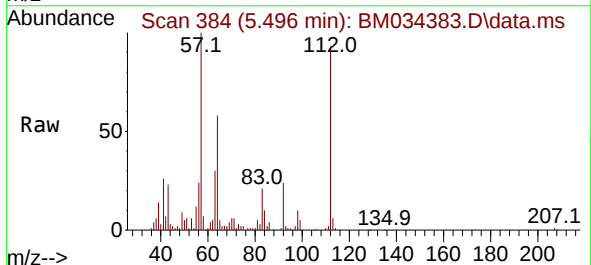
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

Tgt Ion:152 Resp: 156341
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.2
115 58.5 50.1 75.1



#5
2-Fluorophenol
Concen: 10.014 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:112 Resp: 87271
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 31.8 27.1 40.7

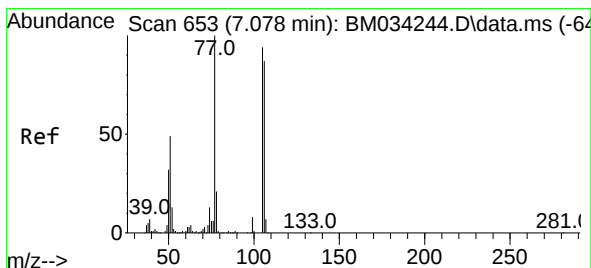
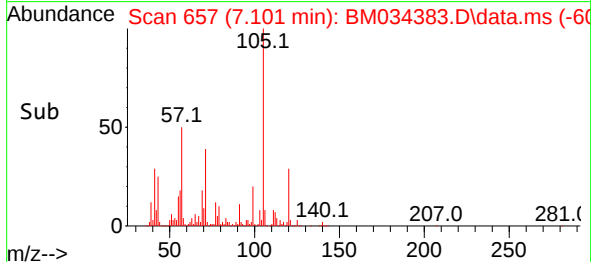
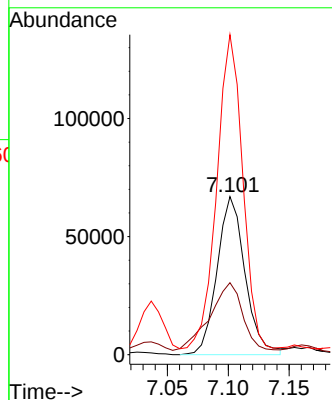
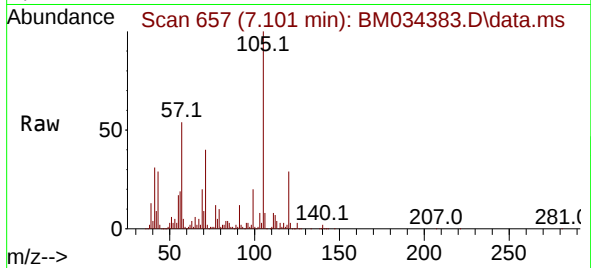




#7
Phenol-d6
Concen: 8.577 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

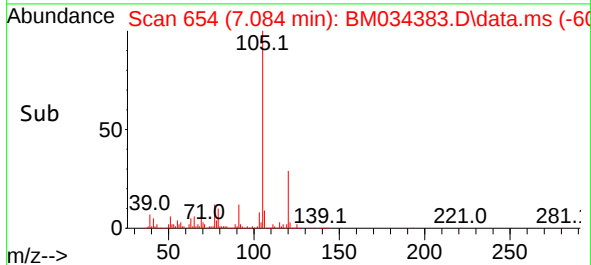
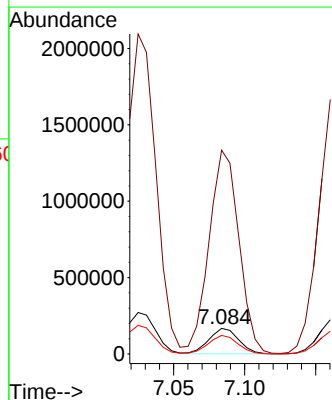
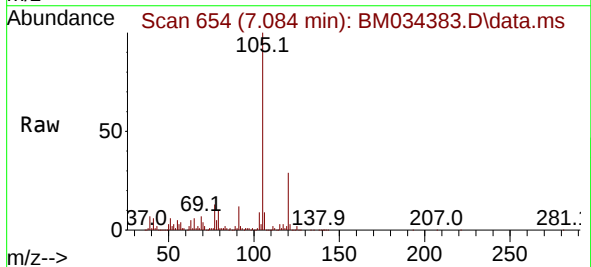
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

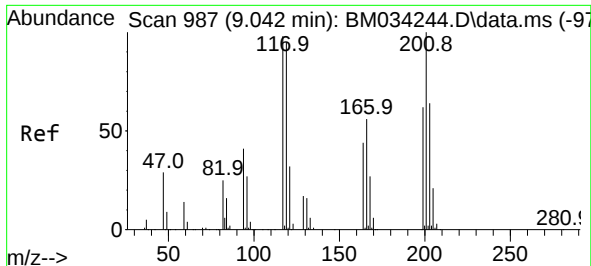
Tgt Ion: 99 Resp: 107022
Ion Ratio Lower Upper
99 100
42 45.6 15.6 23.4#
71 202.5 30.6 46.0#



#9
Benzaldehyde
Concen: 36.420 ng
RT: 7.084 min Scan# 654
Delta R.T. 0.012 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion: 77 Resp: 244830
Ion Ratio Lower Upper
77 100
105 796.6 73.9 113.9#
106 72.5 67.2 107.2

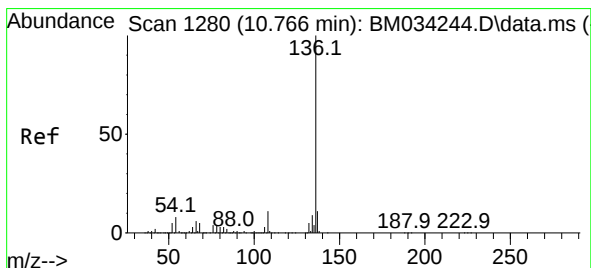
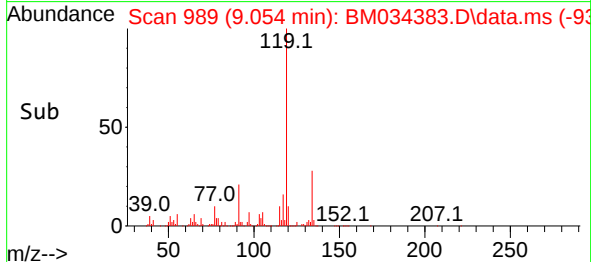
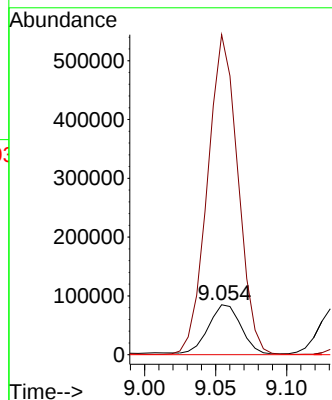
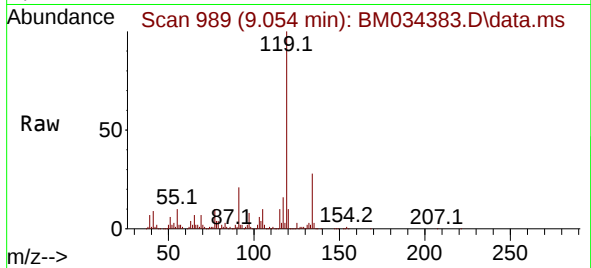




#18
Hexachloroethane
Concen: 31.084 ng
RT: 9.054 min Scan# 91
Delta R.T. 0.024 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

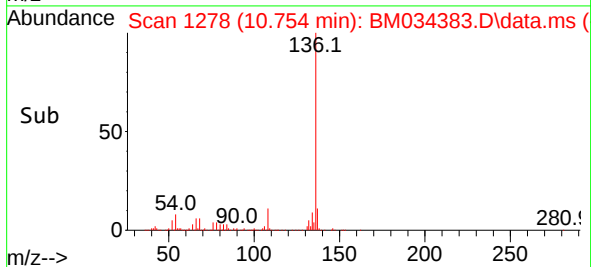
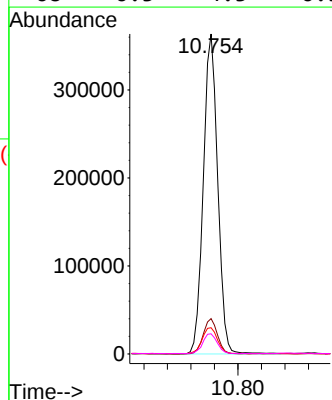
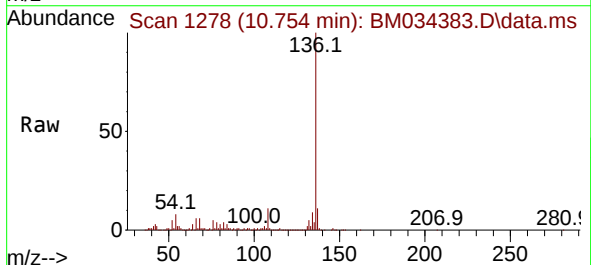
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

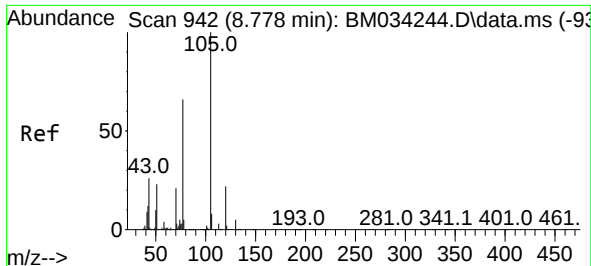
Tgt Ion:117 Resp: 135706
Ion Ratio Lower Upper
117 100
119 641.0 77.4 116.0#
201 0.0 81.6 122.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:136 Resp: 617561
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.2 9.4
68 6.3 4.3 6.5

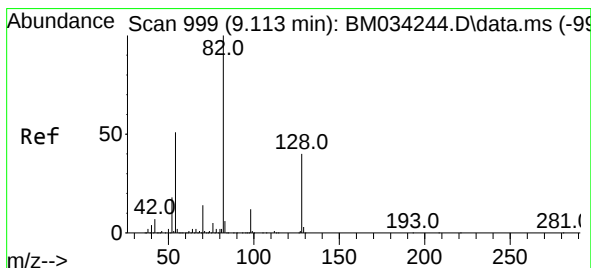
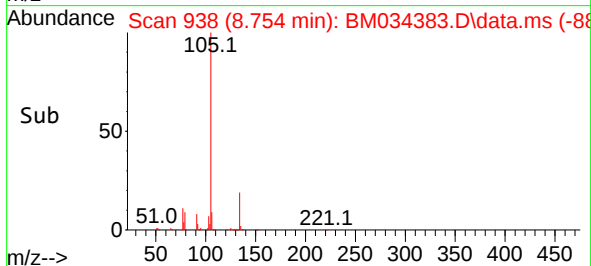
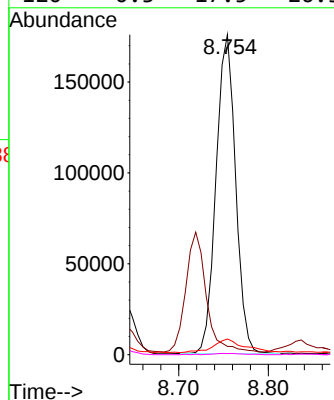
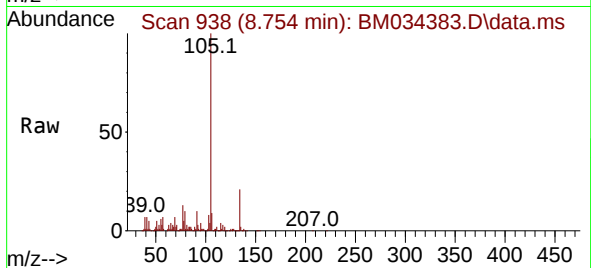




#22
Acetophenone
Concen: 16.719 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

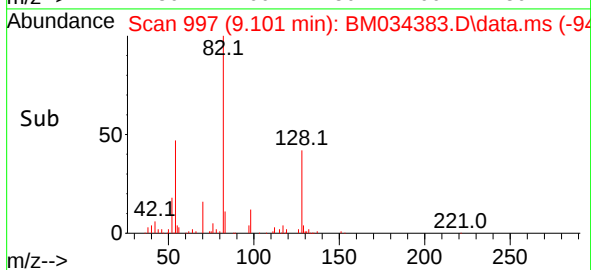
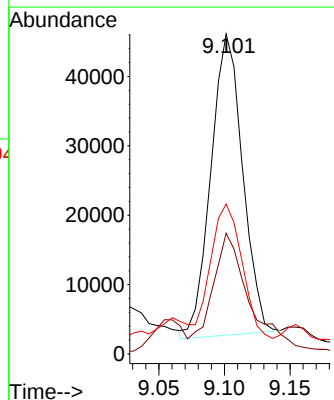
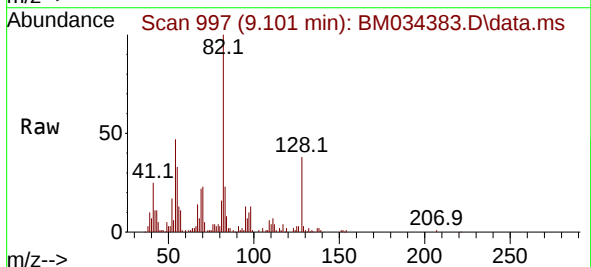
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ClientSampleId :
BLDG-3DL

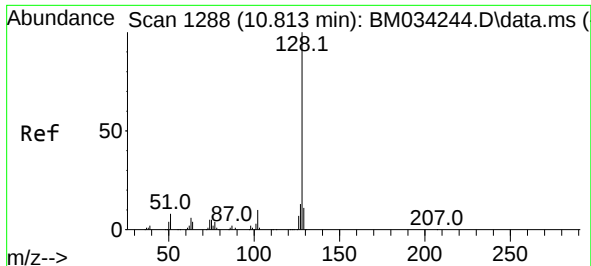
Tgt Ion:105 Resp: 264970
Ion Ratio Lower Upper
105 100
71 2.6 3.0 4.4#
51 4.9 22.6 33.8#
120 0.3 17.5 26.3#



#23
Nitrobenzene-d5
Concen: 5.767 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion: 82 Resp: 73157
Ion Ratio Lower Upper
82 100
128 37.7 31.9 47.9
54 46.9 40.6 61.0

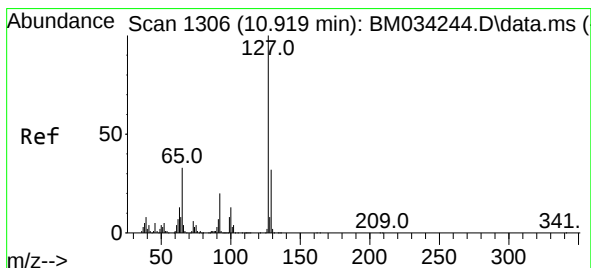
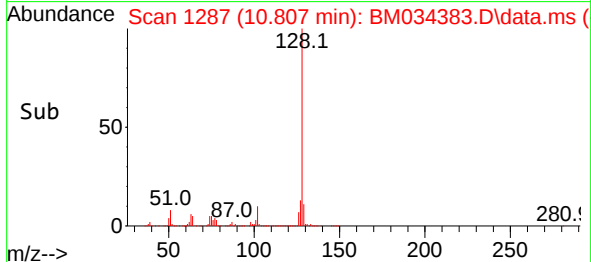
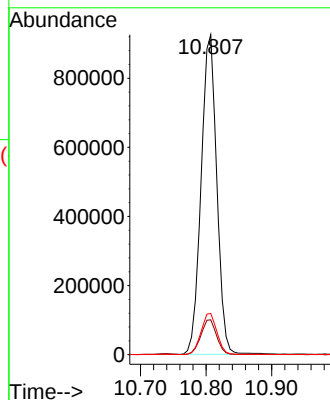
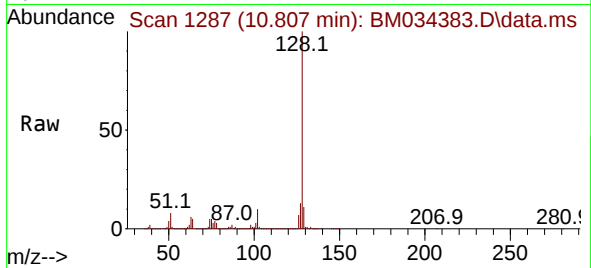




#31
Naphthalene
Concen: 47.911 ng
RT: 10.807 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

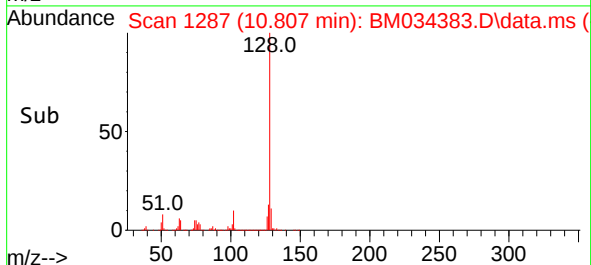
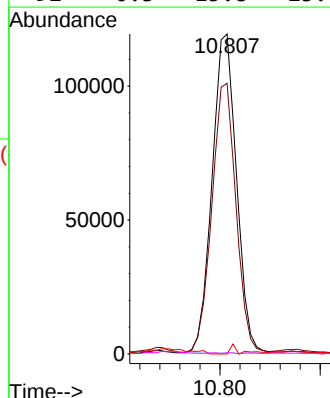
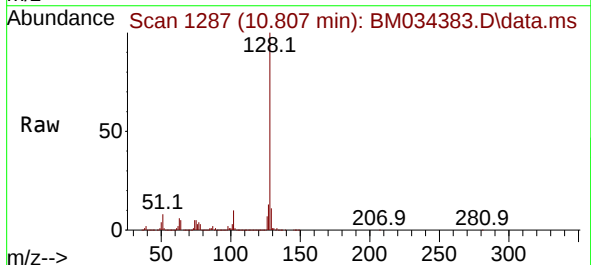
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

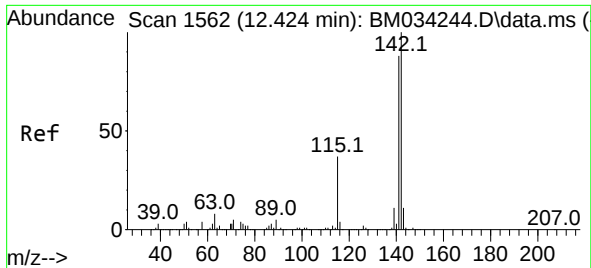
Tgt Ion:128 Resp: 1541449
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.2 15.4



#33
4-Chloroaniline
Concen: 15.843 ng
RT: 10.807 min Scan# 1287
Delta R.T. -0.100 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:127 Resp: 201073
Ion Ratio Lower Upper
127 100
129 84.6 25.4 38.2#
65 0.0 26.2 39.2#
92 0.3 15.8 23.6#

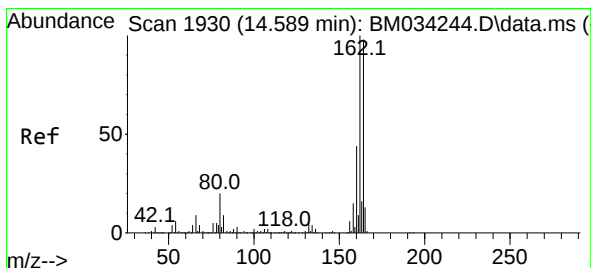
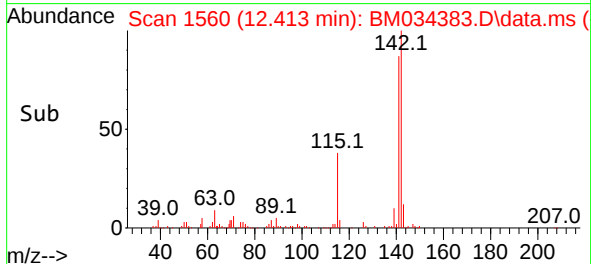
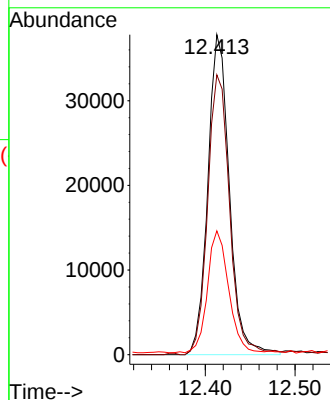
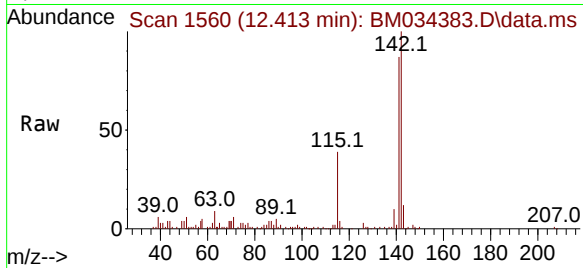




#37
2-Methylnaphthalene
Concen: 2.750 ng
RT: 12.413 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

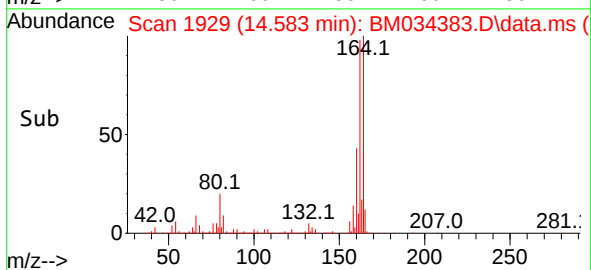
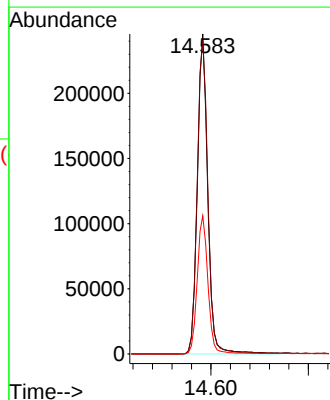
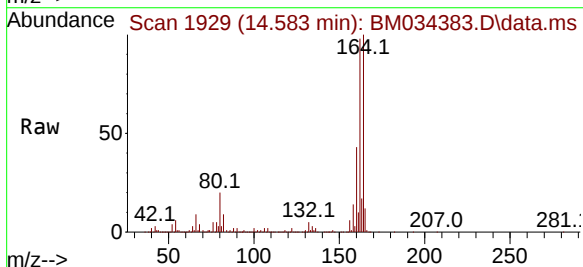
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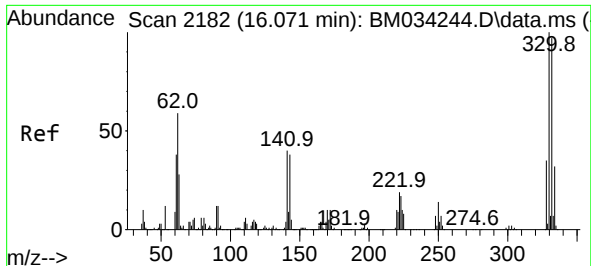
Tgt Ion:142 Resp: 63127
Ion Ratio Lower Upper
142 100
141 87.4 70.1 105.1
115 38.7 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:164 Resp: 366609
Ion Ratio Lower Upper
164 100
162 97.9 81.6 122.4
160 43.2 35.6 53.4

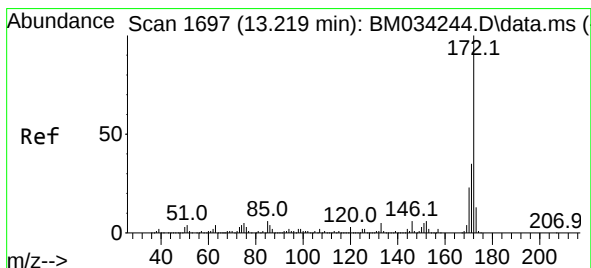
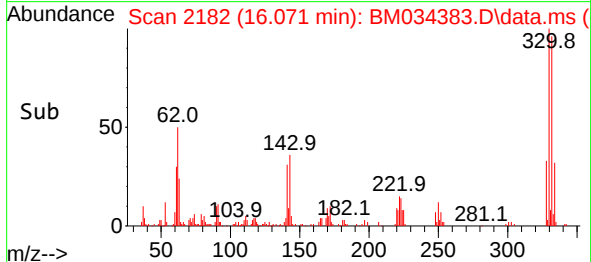
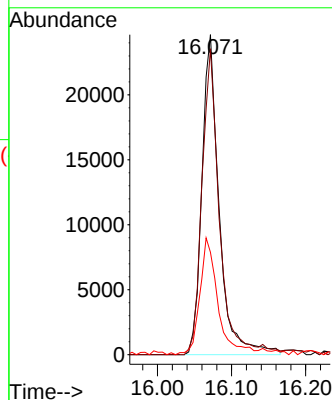
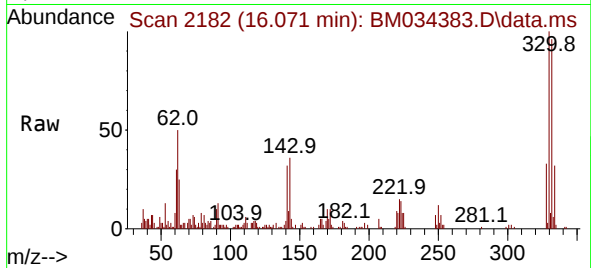




#42
2,4,6-Tribromophenol
Concen: 8.074 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

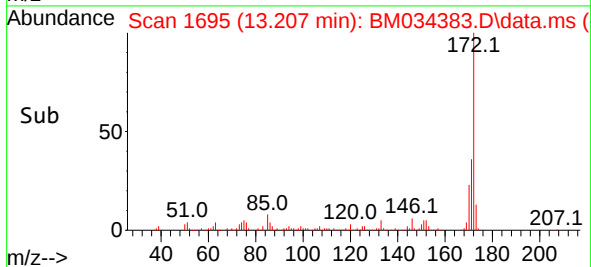
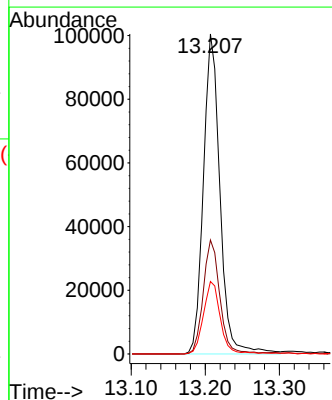
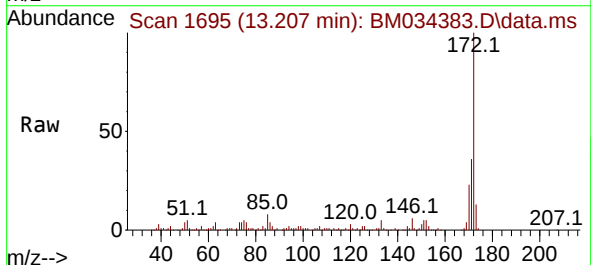
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

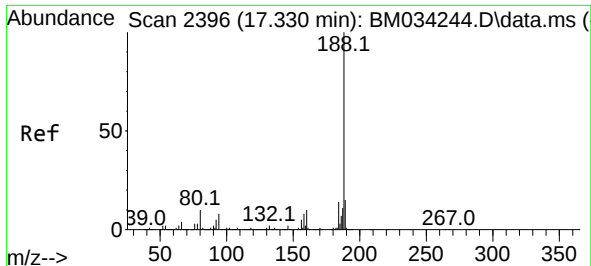
Tgt Ion:330 Resp: 39899
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 38.4 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 5.825 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:172 Resp: 156286
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.7 18.6 28.0

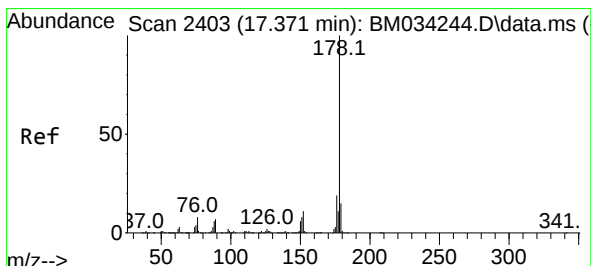
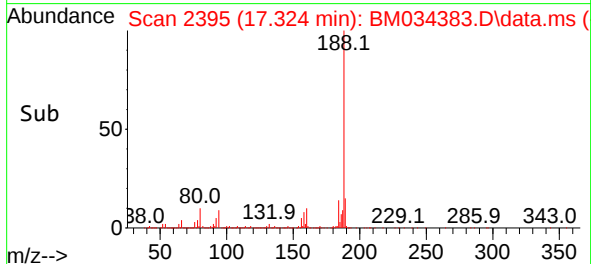
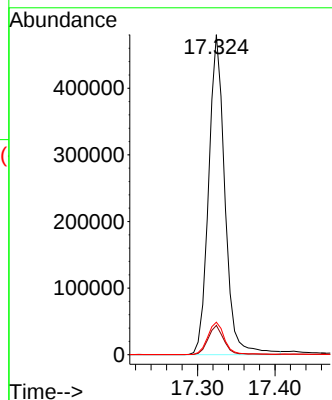
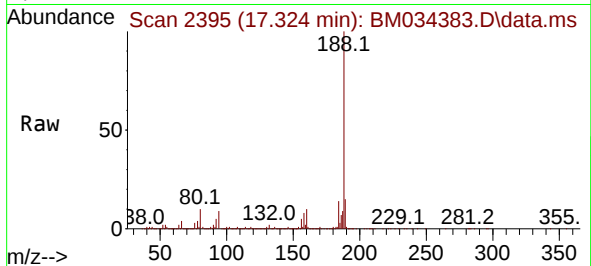




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

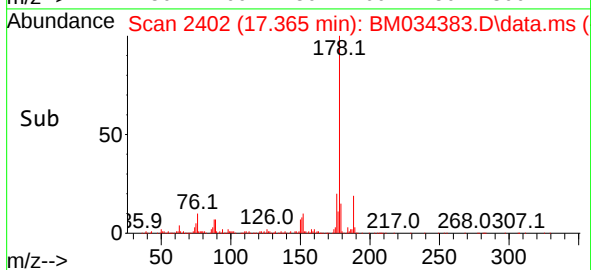
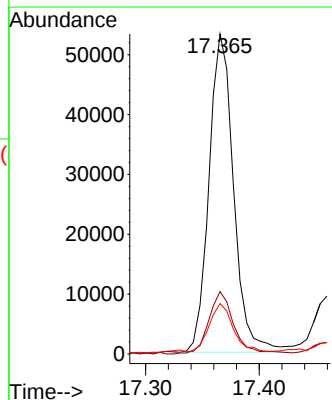
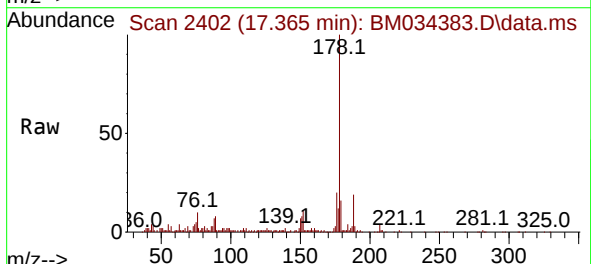
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

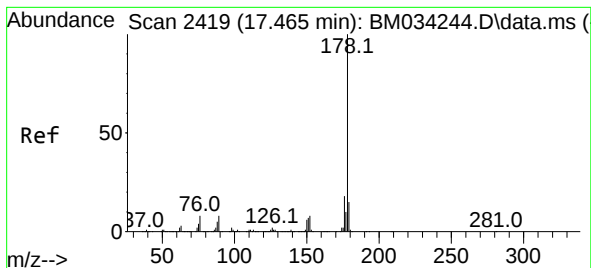
Tgt Ion:188 Resp: 700619
Ion Ratio Lower Upper
188 100
94 9.1 6.6 9.8
80 10.2 7.8 11.8



#71
Phenanthrene
Concen: 2.039 ng
RT: 17.365 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:178 Resp: 79987
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.8 12.2 18.4





#72

Anthracene

Concen: 2.094 ng

RT: 17.365 min Scan# 2419

Delta R.T. -0.088 min

Lab File: BM034383.D

Acq: 25 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

BLDG-3DL

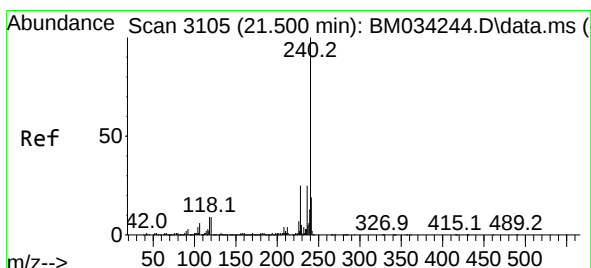
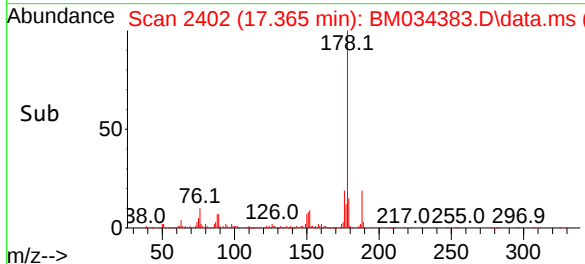
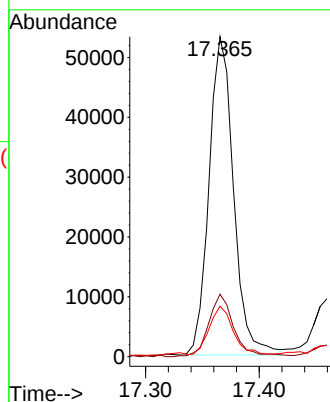
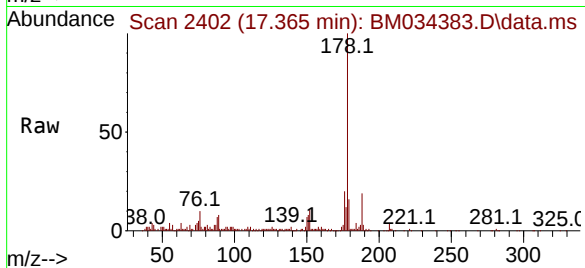
Tgt Ion:178 Resp: 79987

Ion Ratio Lower Upper

178 100

176 19.5 14.6 22.0

179 15.8 12.2 18.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.500 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM034383.D

Acq: 25 Mar 2022 13:59

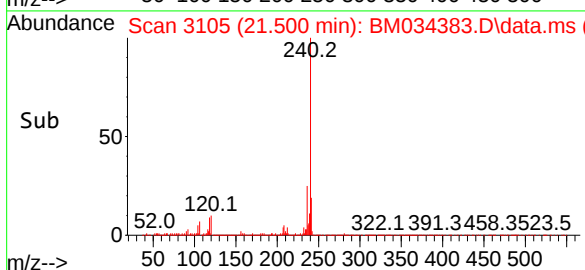
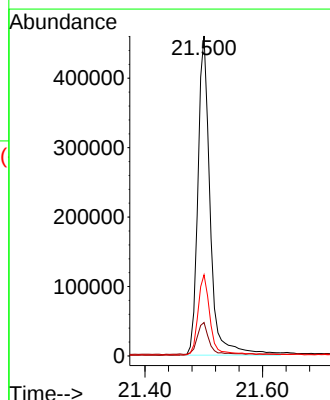
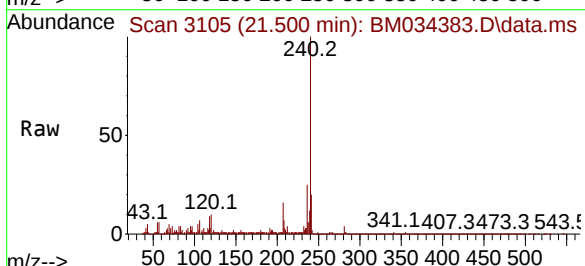
Tgt Ion:240 Resp: 666780

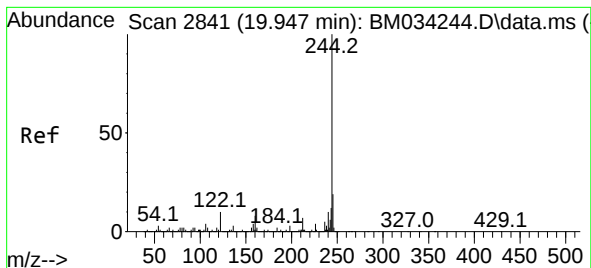
Ion Ratio Lower Upper

240 100

120 10.4 7.3 10.9

236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 5.847 ng

RT: 19.942 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM034383.D

Acq: 25 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

BLDG-3DL

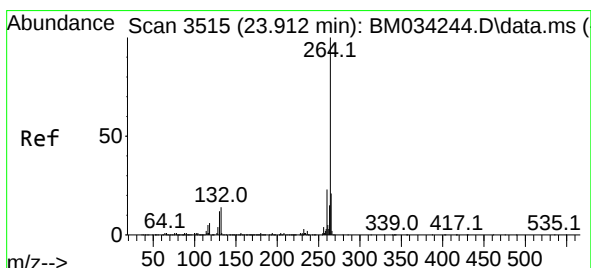
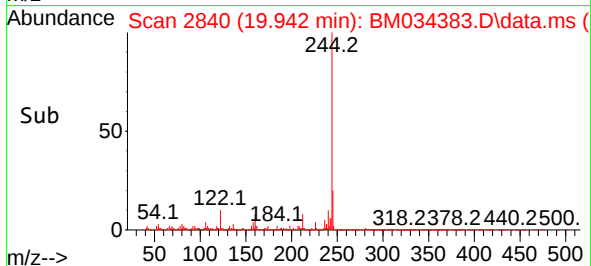
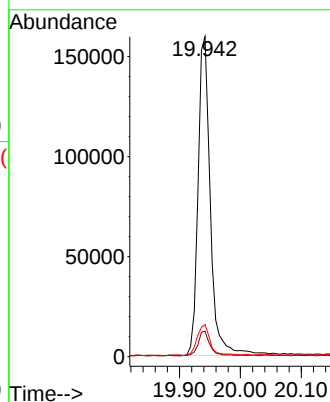
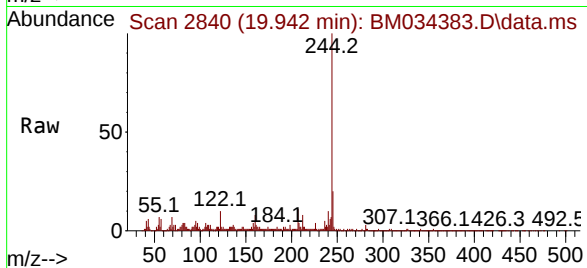
Tgt Ion:244 Resp: 224351

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BM034383.D

Acq: 25 Mar 2022 13:59

Tgt Ion:264 Resp: 775055

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 22.3 17.6 26.4

