

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033315.D
 Acq On : 06 Dec 2021 16:48
 Operator : CG/JU
 Sample : M4918-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-42

Quant Time: Dec 07 03:07:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 13:01:33 2021
 Response via : Initial Calibration

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

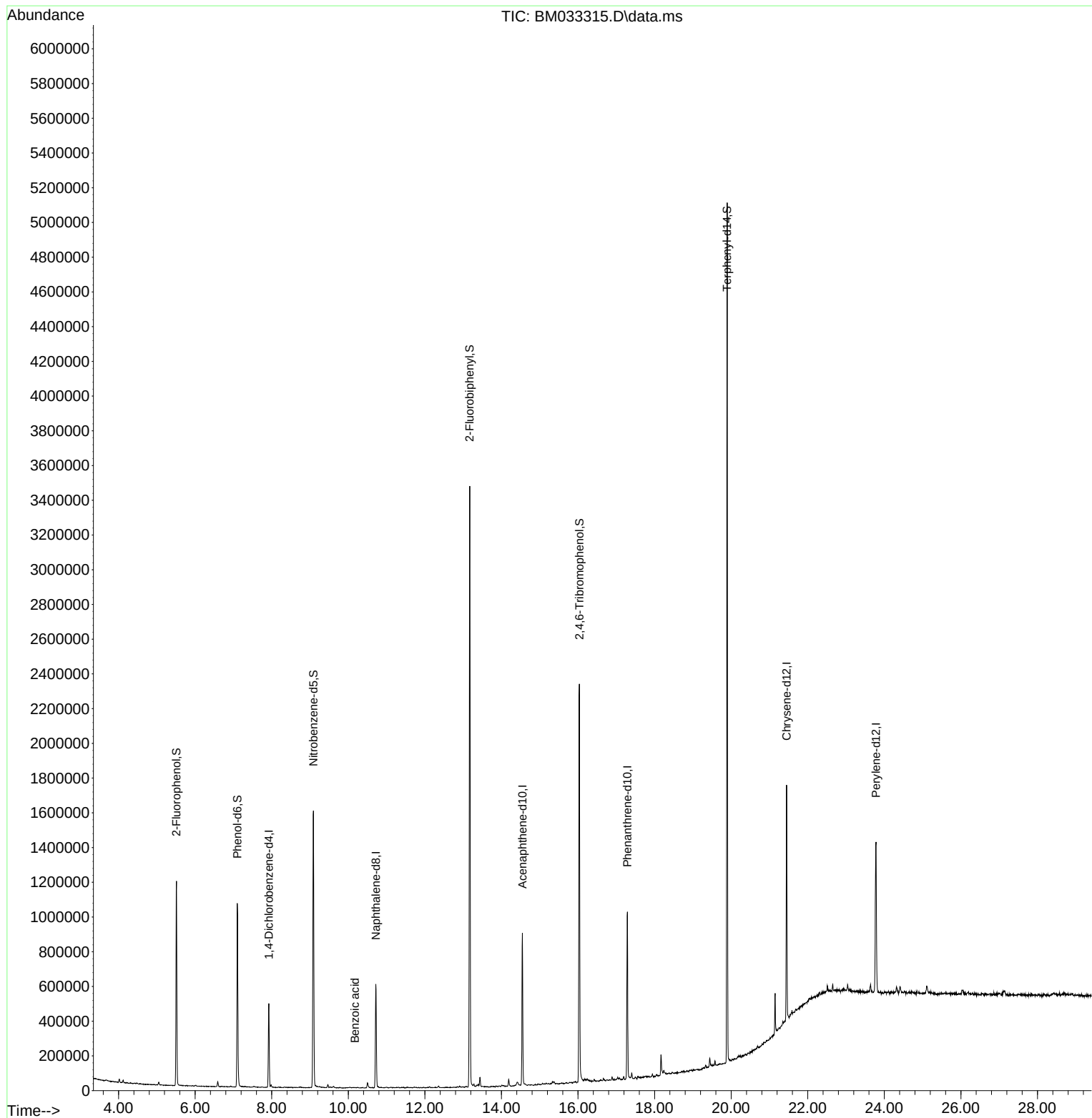
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	120156	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	470890	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	278714	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	587822	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	606213	20.000	ng	# 0.00
86) Perylene-d12	23.782	264	624422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	455588	62.614	ng	0.00
7) Phenol-d6	7.101	99	552755	56.723	ng	0.00
23) Nitrobenzene-d5	9.089	82	956134	94.262	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	357352	117.618	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1705238	86.286	ng	-0.01
79) Terphenyl-d14	19.894	244	2159090	70.427	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.101	77	2815	Below Cal	#	7
32) Benzoic acid	10.172	122	280	5.279	ng	# 23

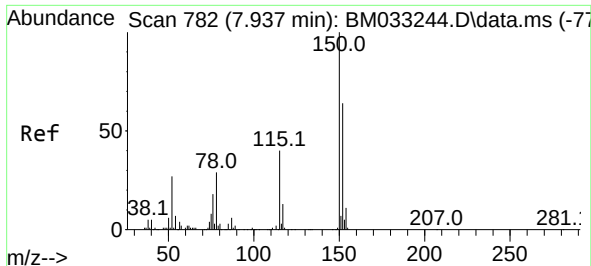
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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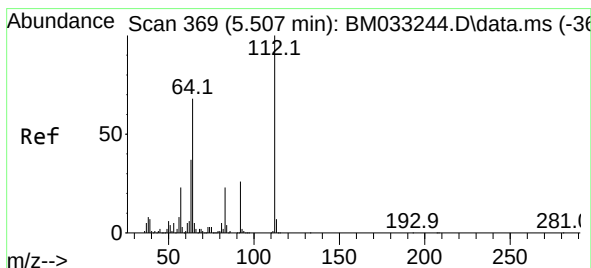
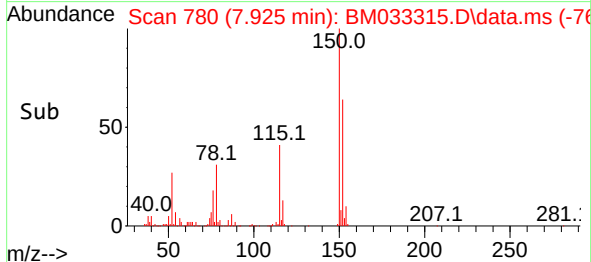
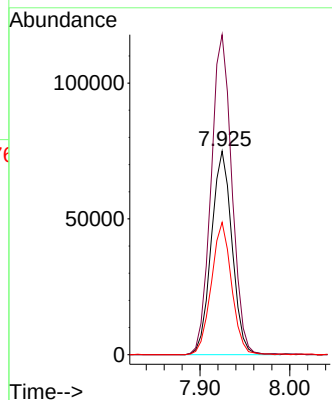
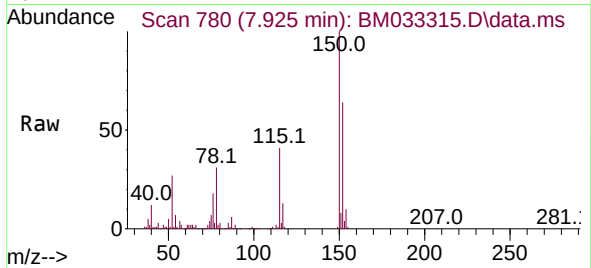




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

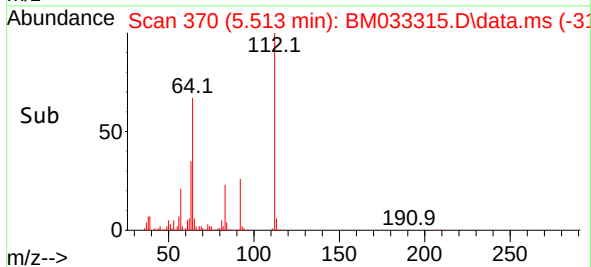
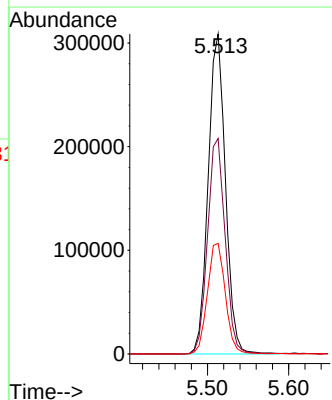
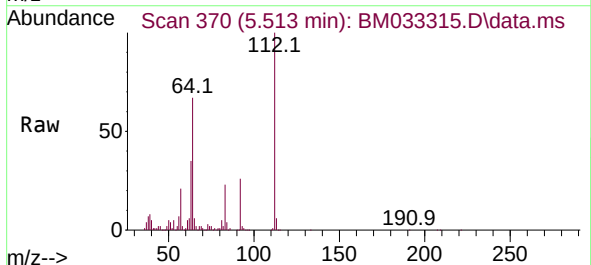
Instrument :
BNA_M
ClientSampleId :
MW-42

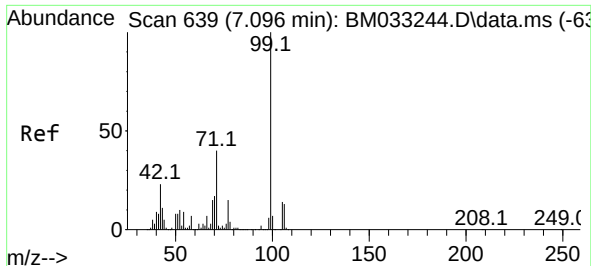
Tgt Ion:152 Resp: 120156
Ion Ratio Lower Upper
152 100
150 157.2 122.4 183.6
115 65.1 53.8 80.8



#5
2-Fluorophenol
Concen: 62.614 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

Tgt Ion:112 Resp: 455588
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 34.6 33.9 50.9

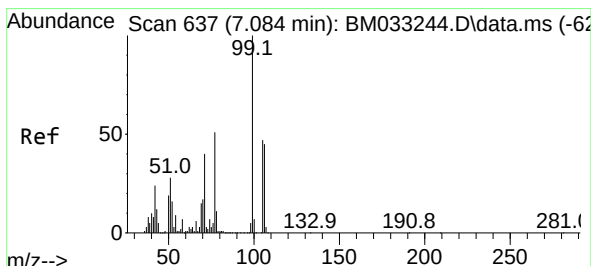
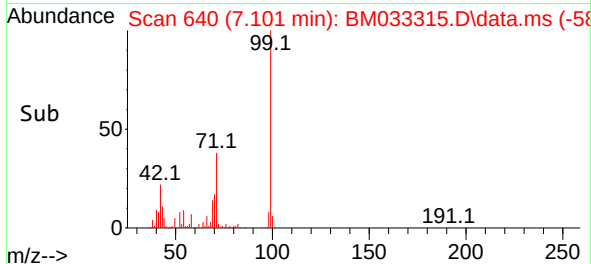
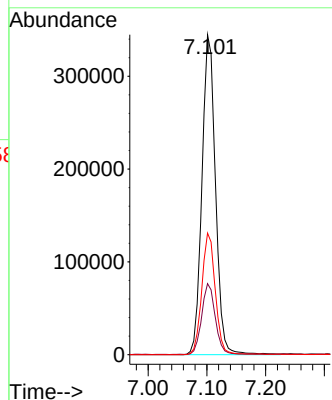
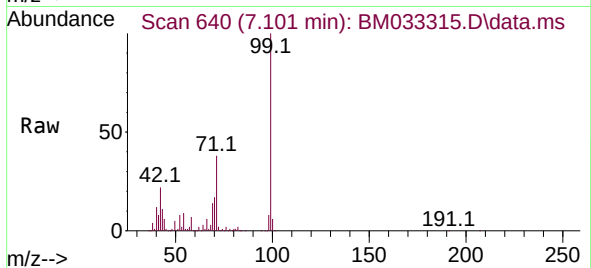




#7
Phenol-d6
Concen: 56.723 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

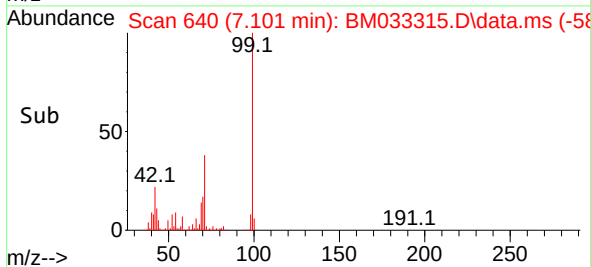
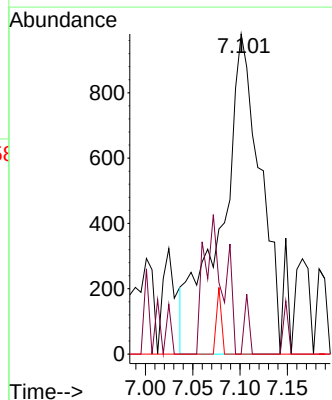
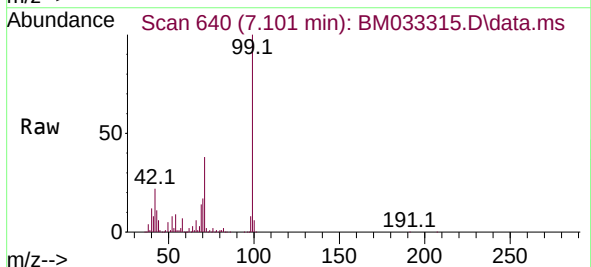
Instrument :
BNA_M
ClientSampleId :
MW-42

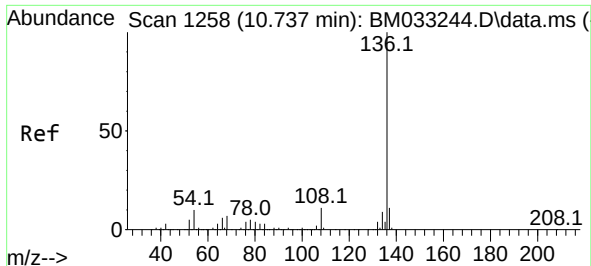
Tgt Ion: 99 Resp: 552755
Ion Ratio Lower Upper
99 100
42 22.2 23.0 34.6#
71 38.0 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 640
Delta R.T. 0.017 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

Tgt Ion: 77 Resp: 2815
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

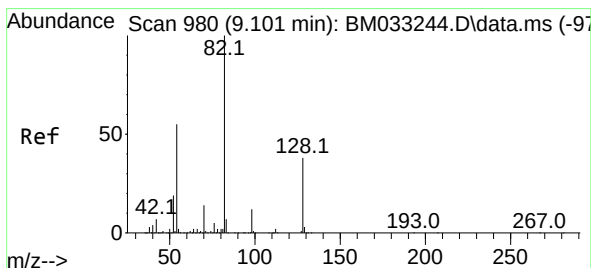
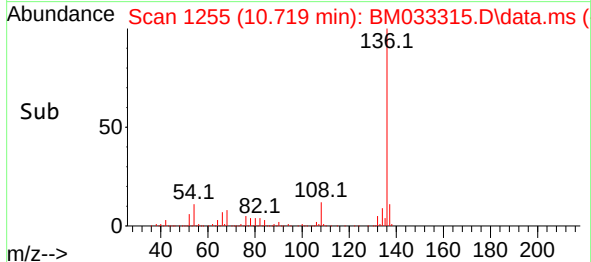
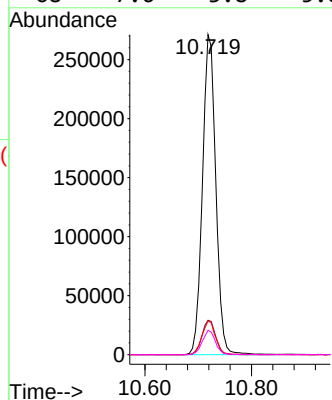
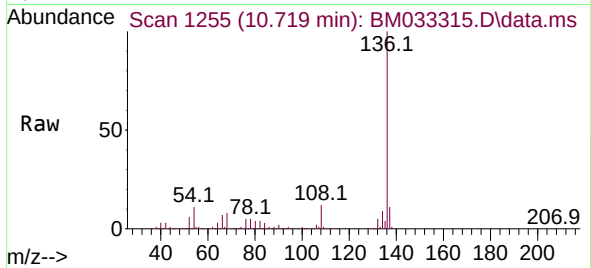




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

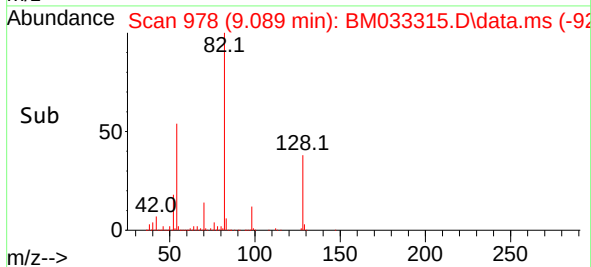
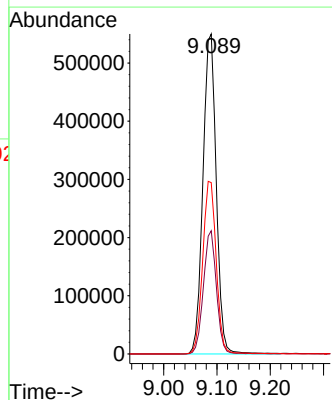
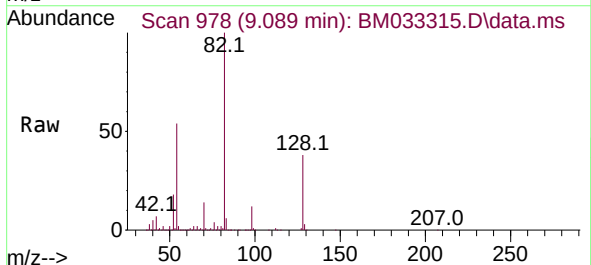
Instrument :
BNA_M
ClientSampleId :
MW-42

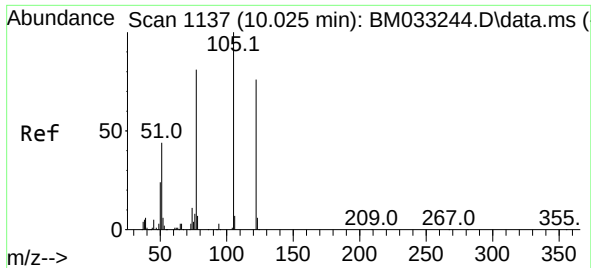
Tgt Ion:136 Resp: 470890
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.6 7.4 11.0
68 7.6 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 94.262 ng
RT: 9.089 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

Tgt Ion: 82 Resp: 956134
Ion Ratio Lower Upper
82 100
128 38.5 29.0 43.6
54 53.6 45.8 68.8

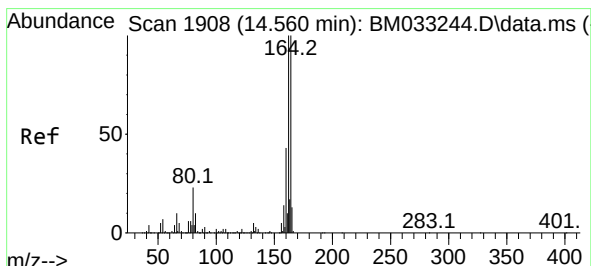
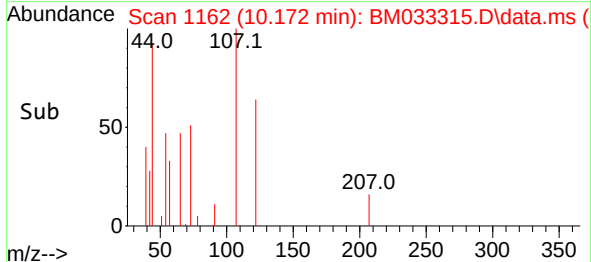
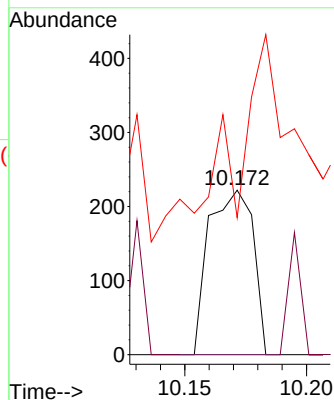
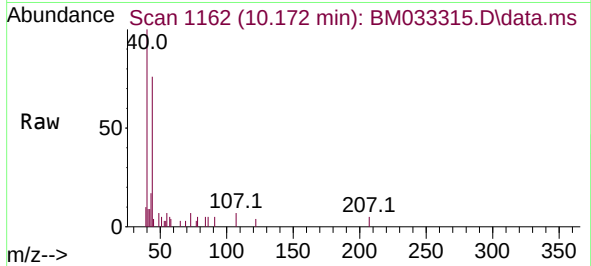




#32
Benzoic acid
Concen: 5.279 ng
RT: 10.172 min Scan# 1137
Delta R.T. 0.147 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

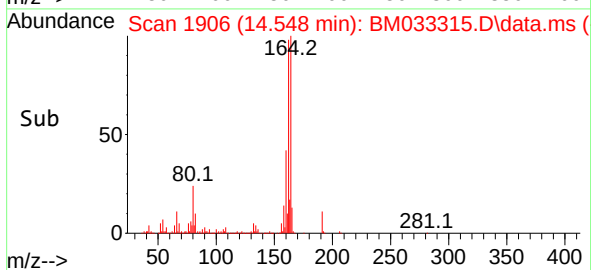
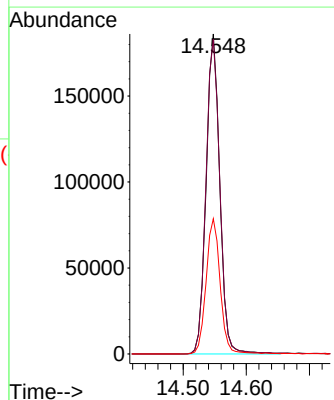
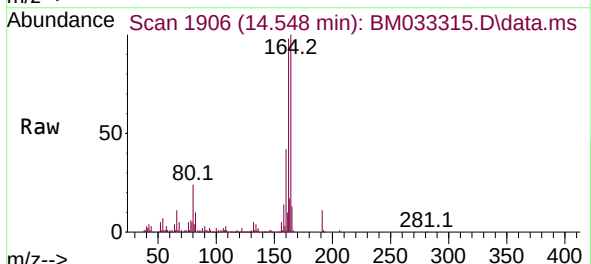
Instrument :
BNA_M
ClientSampleId :
MW-42

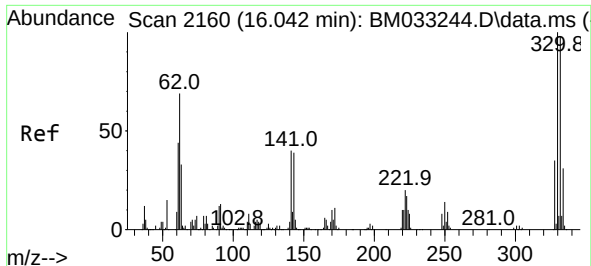
Tgt Ion:122 Resp: 280
Ion Ratio Lower Upper
122 100
105 0.0 120.3 160.3#
77 83.3 100.0 140.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

Tgt Ion:164 Resp: 278714
Ion Ratio Lower Upper
164 100
162 98.3 80.6 121.0
160 42.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 117.618 ng

RT: 16.036 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033315.D

Acq: 06 Dec 2021 16:48

Instrument :

BNA_M

ClientSampleId :

MW-42

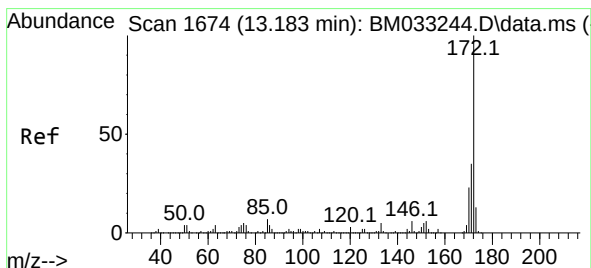
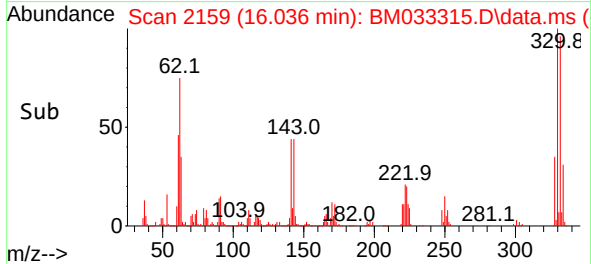
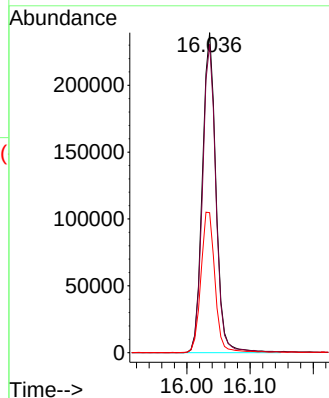
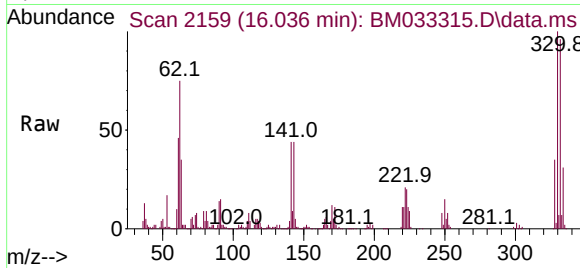
Tgt Ion:330 Resp: 357352

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 45.7 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 86.286 ng

RT: 13.171 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BM033315.D

Acq: 06 Dec 2021 16:48

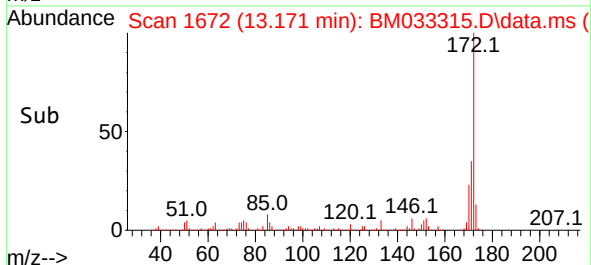
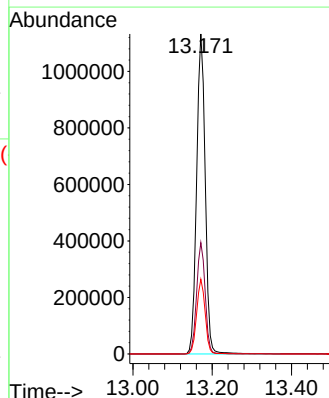
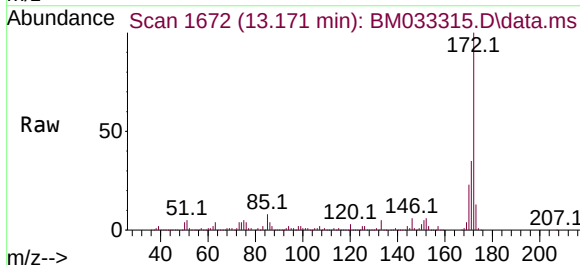
Tgt Ion:172 Resp: 1705238

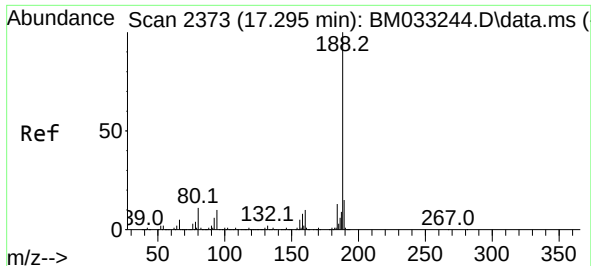
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.4 18.6 27.8

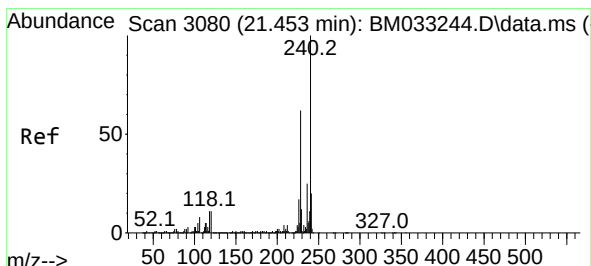
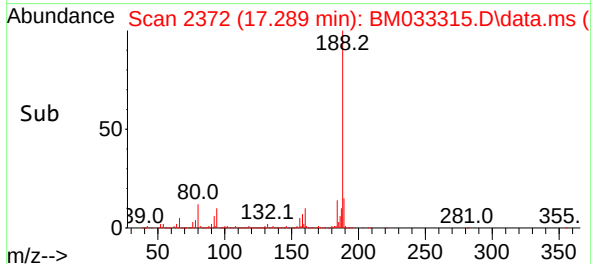
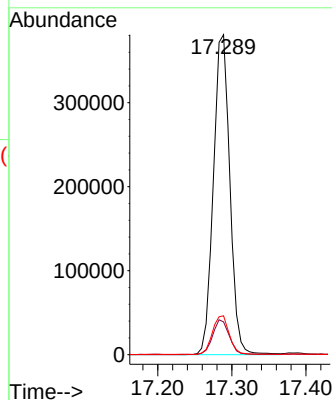
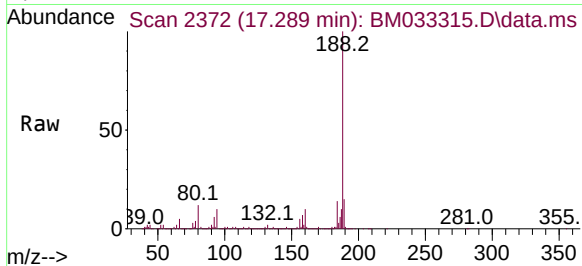




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

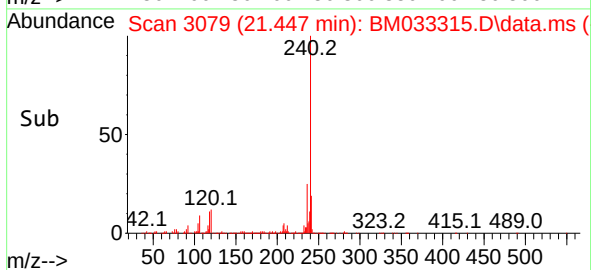
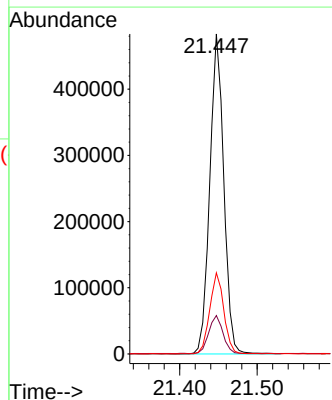
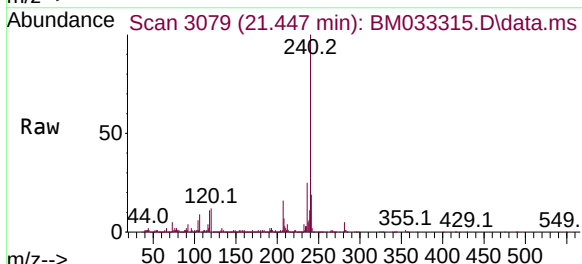
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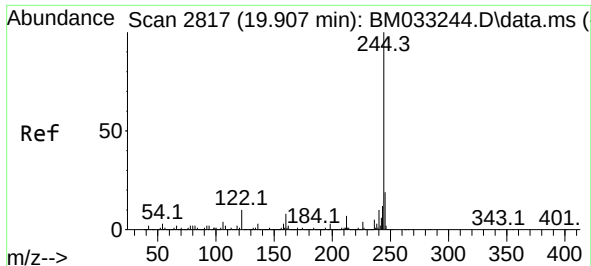
Tgt Ion:188 Resp: 587822
Ion Ratio Lower Upper
188 100
94 10.2 6.3 9.5#
80 12.2 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033315.D
Acq: 06 Dec 2021 16:48

Tgt Ion:240 Resp: 606213
Ion Ratio Lower Upper
240 100
120 12.0 7.8 11.6#
236 25.3 20.9 31.3

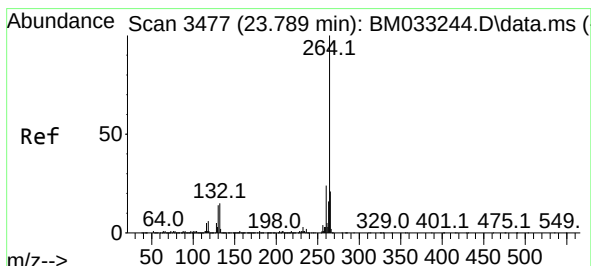
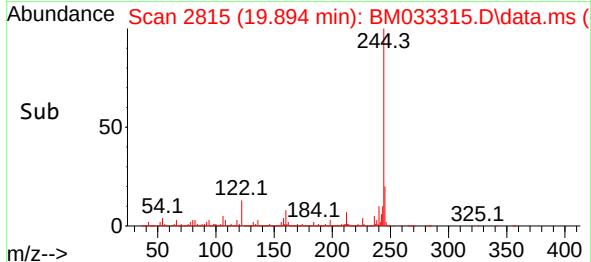
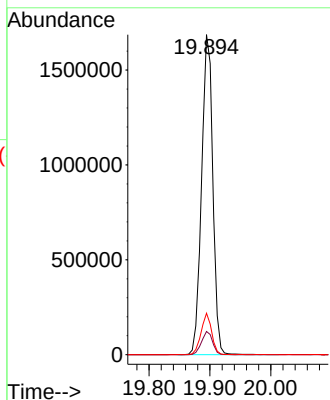
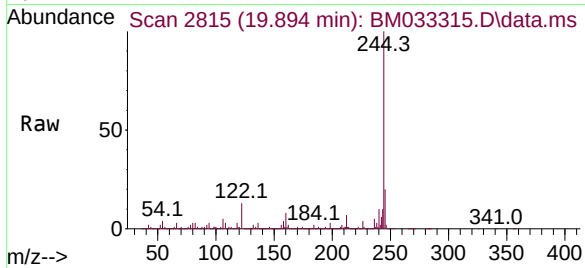




#79
 Terphenyl-d14
 Concen: 70.427 ng
 RT: 19.894 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033315.D
 Acq: 06 Dec 2021 16:48

Instrument :
 BNA_M
 ClientSampleId :
 MW-42

Tgt Ion:244 Resp: 2159090
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 12.9 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.782 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BM033315.D
 Acq: 06 Dec 2021 16:48

Tgt Ion:264 Resp: 624422
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.4 18.3 27.5

