

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033311.D
 Acq On : 06 Dec 2021 14:22
 Operator : CG/JU
 Sample : M4917-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-34

Quant Time: Dec 07 03:07:08 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)

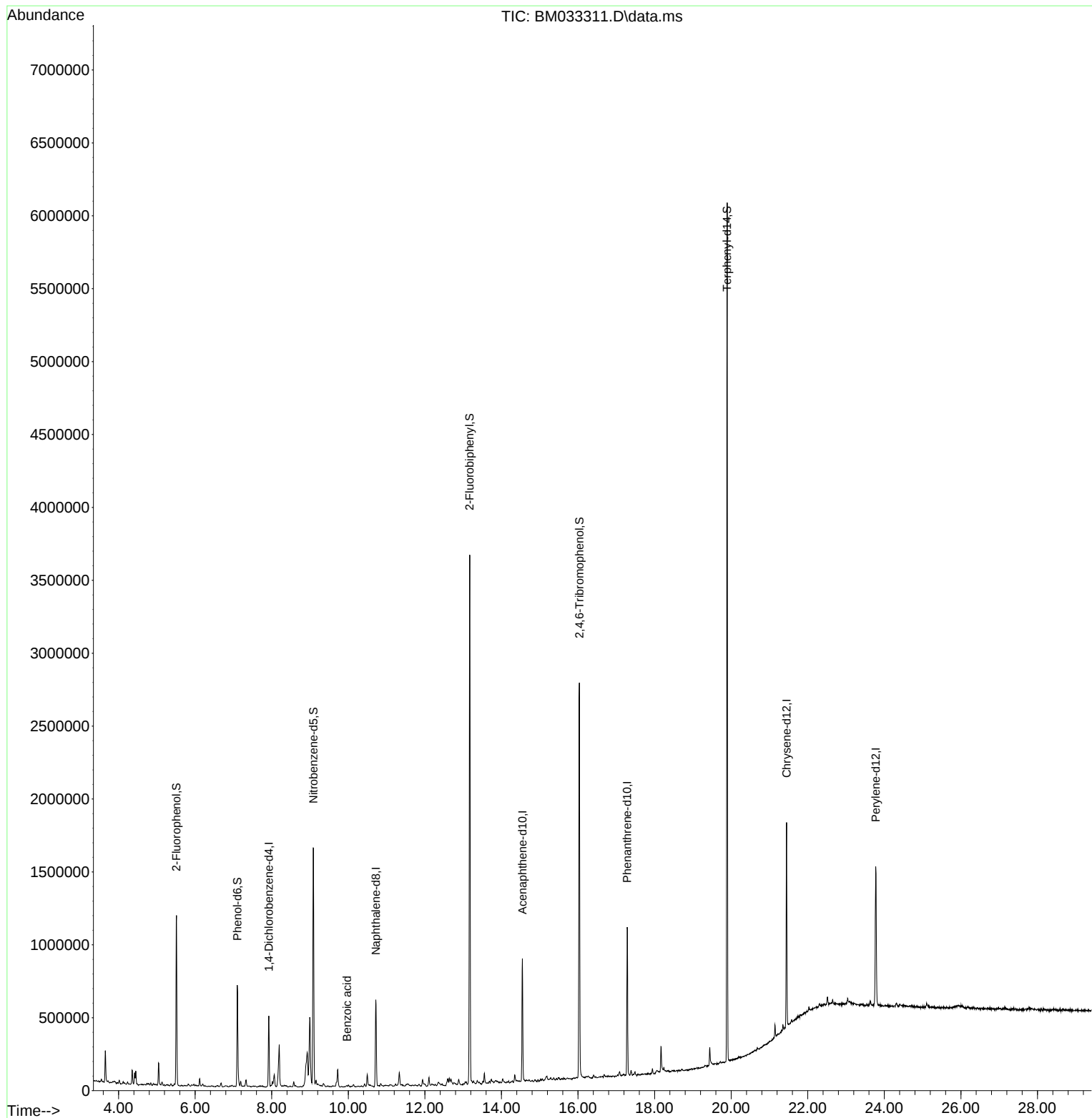
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	122924	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	478898	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	286839	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	597523	20.000	ng	#-0.01
76) Chrysene-d12	21.447	240	631445	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	665368	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	455811	61.234	ng	0.00
7) Phenol-d6	7.101	99	369548	37.069	ng	0.00
23) Nitrobenzene-d5	9.089	82	975612	94.574	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	423371	135.400	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1783407	87.685	ng	-0.01
79) Terphenyl-d14	19.895	244	2620572	82.064	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.078	77	353	Below Cal	#	37
32) Benzoic acid	9.972	122	386	5.301 ng	#	61

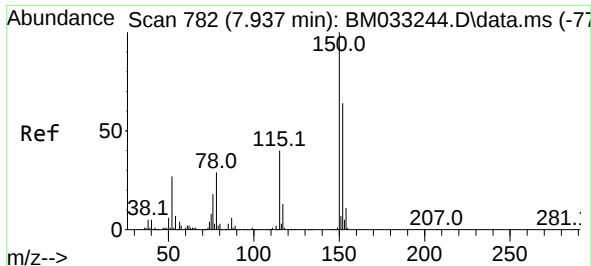
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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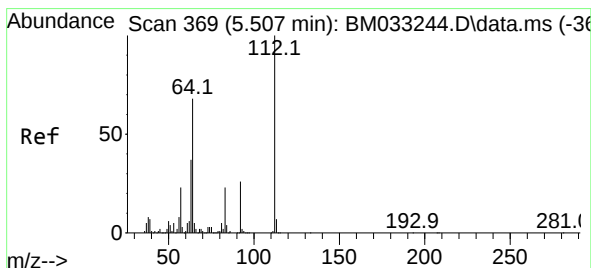
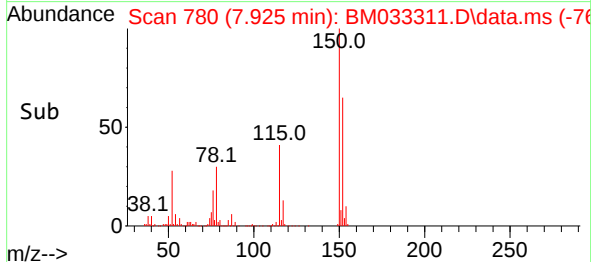
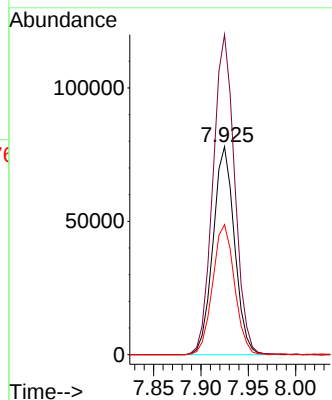
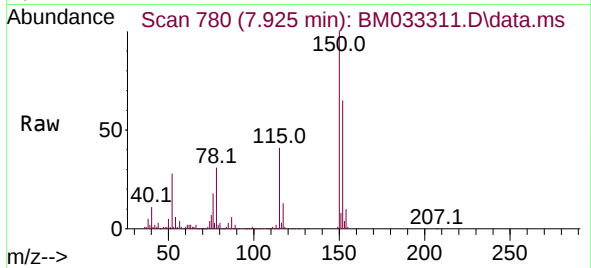




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

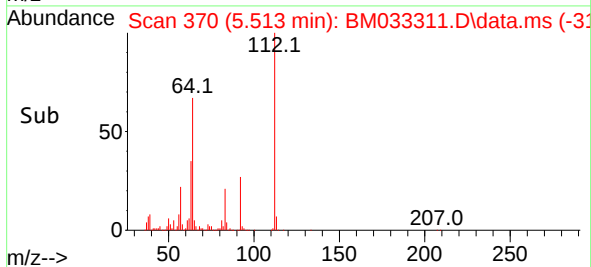
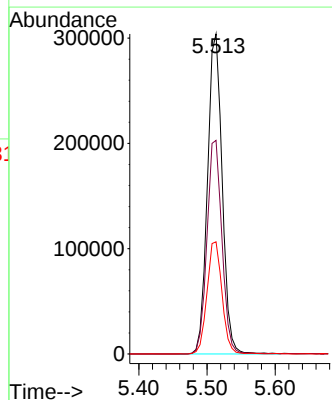
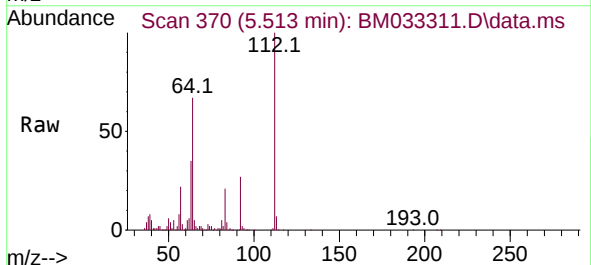
Instrument :
BNA_M
ClientSampleId :
MW-34

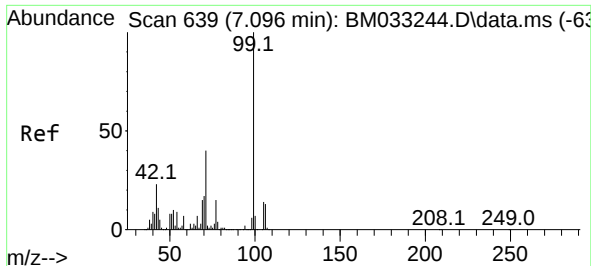
Tgt Ion:152 Resp: 122924
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 62.5 53.8 80.8



#5
2-Fluorophenol
Concen: 61.234 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

Tgt Ion:112 Resp: 455811
Ion Ratio Lower Upper
112 100
64 66.8 53.7 80.5
63 35.1 33.9 50.9

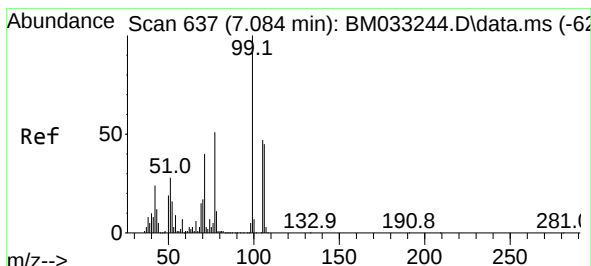
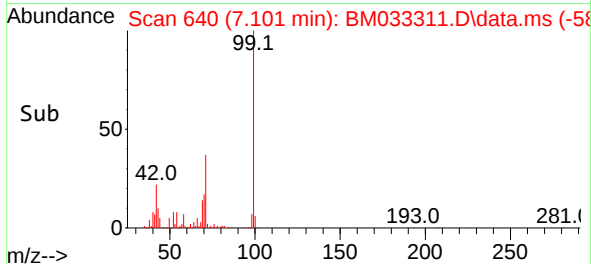
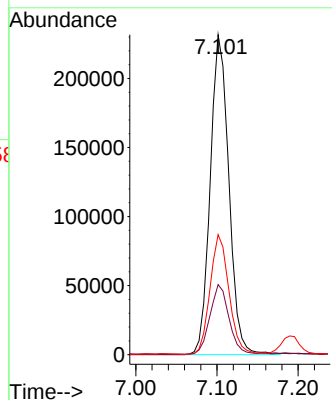
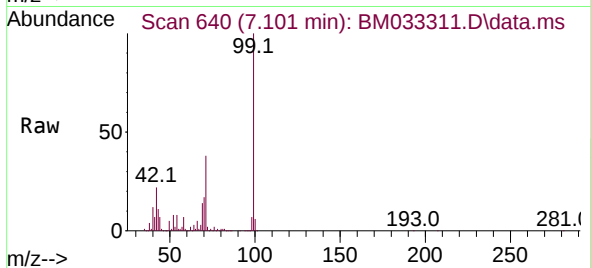




#7
Phenol-d6
Concen: 37.069 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

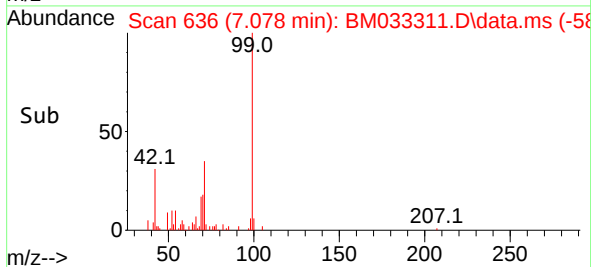
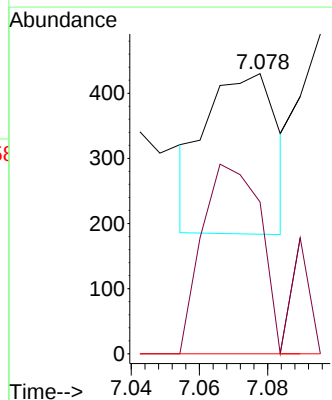
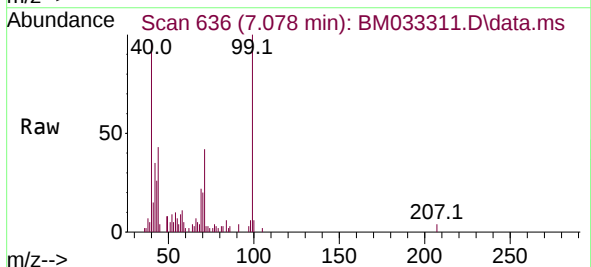
Instrument :
BNA_M
ClientSampleId :
MW-34

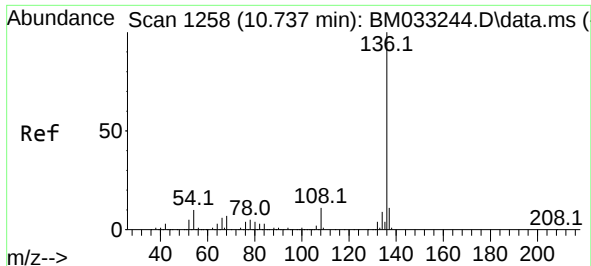
Tgt Ion: 99 Resp: 369548
Ion Ratio Lower Upper
99 100
42 21.9 23.0 34.6#
71 37.5 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 636
Delta R.T. -0.006 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

Tgt Ion: 77 Resp: 353
Ion Ratio Lower Upper
77 100
105 54.2 68.9 108.9#
106 0.0 61.2 101.2#

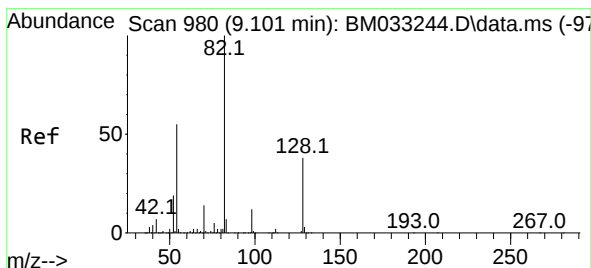
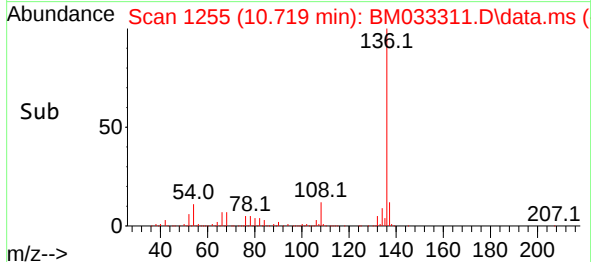
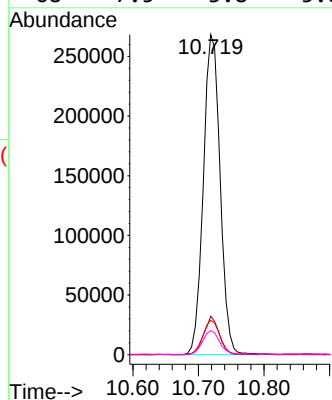
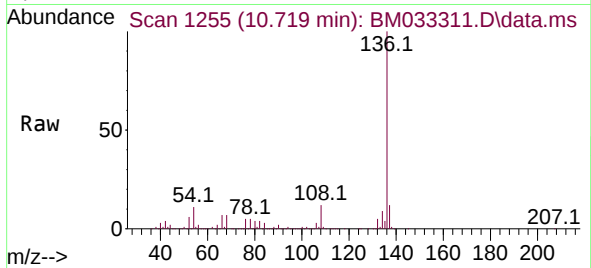




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

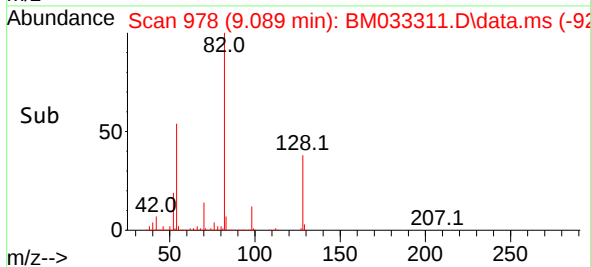
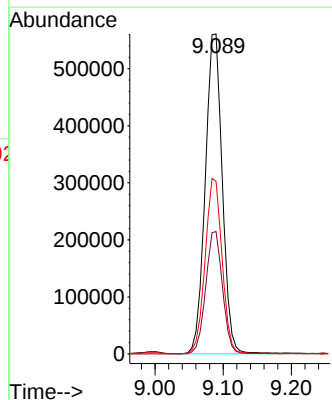
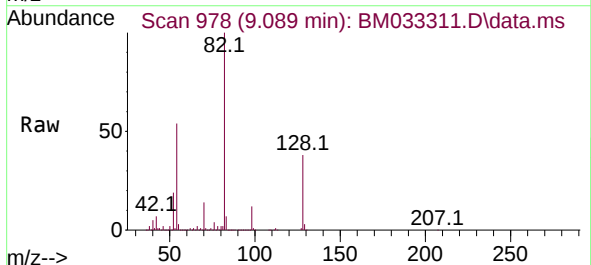
Instrument :
BNA_M
ClientSampleId :
MW-34

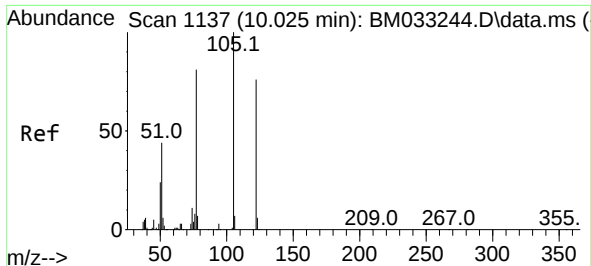
Tgt Ion:136 Resp: 478898
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 10.8 7.4 11.0
68 7.5 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 94.574 ng
RT: 9.089 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

Tgt Ion: 82 Resp: 975612
Ion Ratio Lower Upper
82 100
128 38.2 29.0 43.6
54 54.0 45.8 68.8

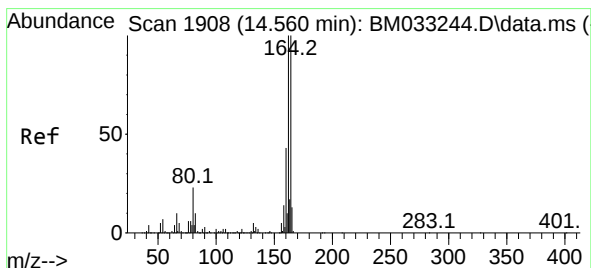
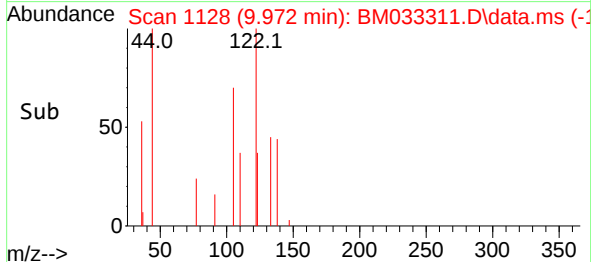
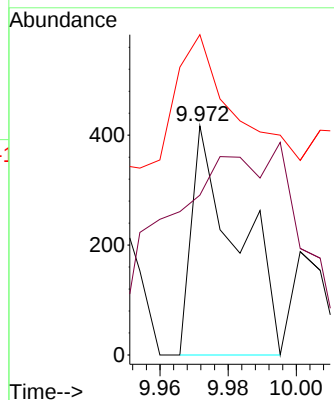
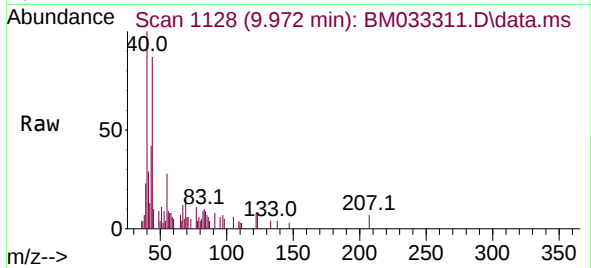




#32
Benzoic acid
Concen: 5.301 ng
RT: 9.972 min Scan# 1137
Delta R.T. -0.053 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

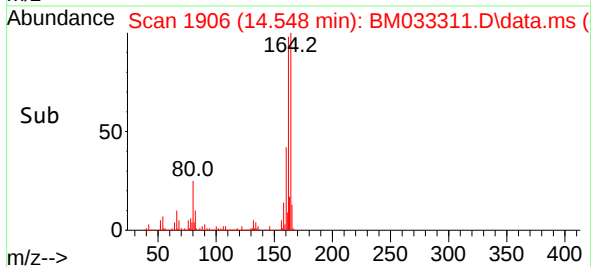
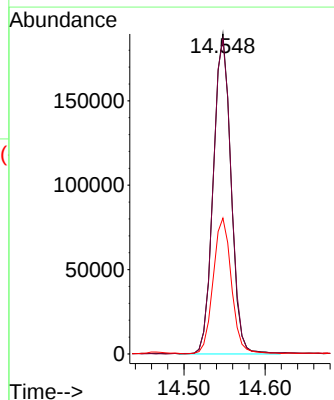
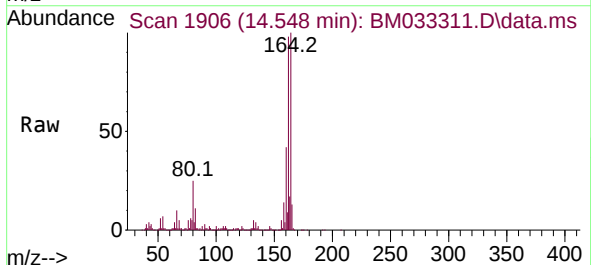
Instrument :
BNA_M
ClientSampleId :
MW-34

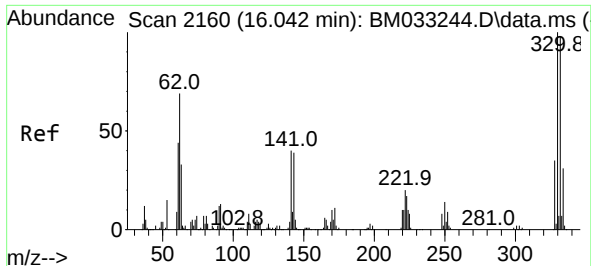
Tgt Ion:122 Resp: 386
Ion Ratio Lower Upper
122 100
105 69.8 120.3 160.3#
77 139.8 100.0 140.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

Tgt Ion:164 Resp: 286839
Ion Ratio Lower Upper
164 100
162 98.3 80.6 121.0
160 42.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 135.400 ng

RT: 16.036 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033311.D

Acq: 06 Dec 2021 14:22

Instrument :

BNA_M

ClientSampleId :

MW-34

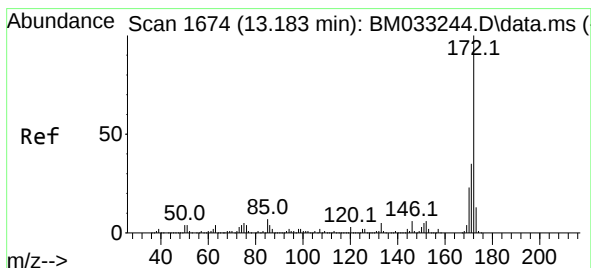
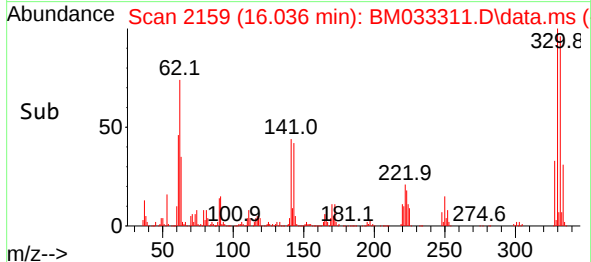
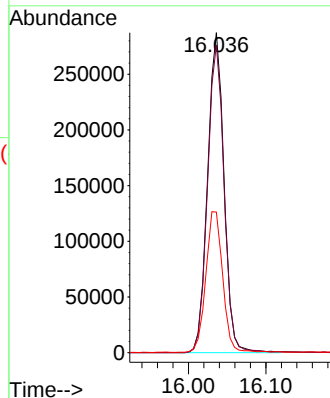
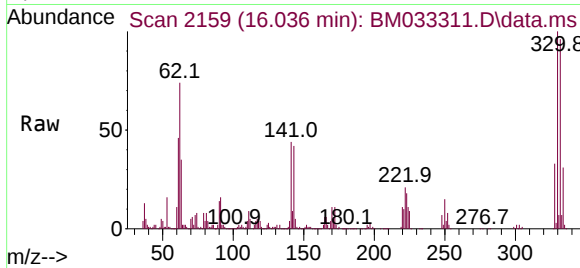
Tgt Ion:330 Resp: 423371

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

141 45.4 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 87.685 ng

RT: 13.172 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BM033311.D

Acq: 06 Dec 2021 14:22

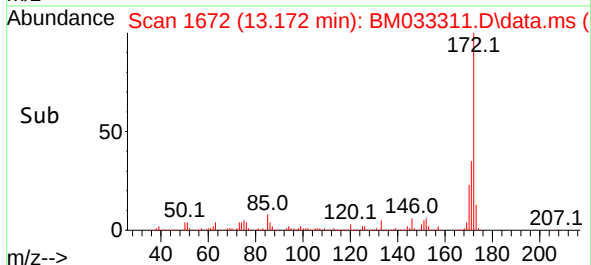
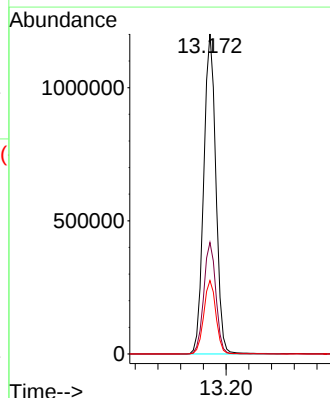
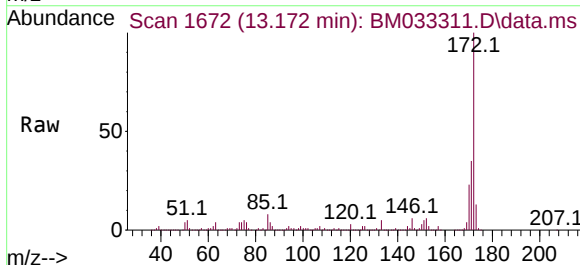
Tgt Ion:172 Resp: 1783407

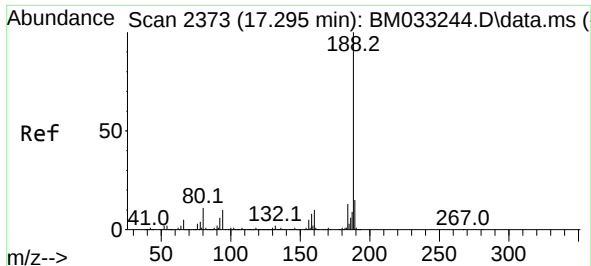
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.9 18.6 27.8

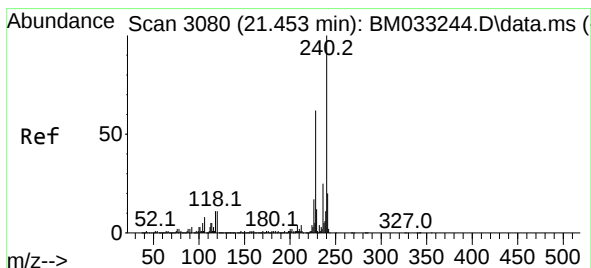
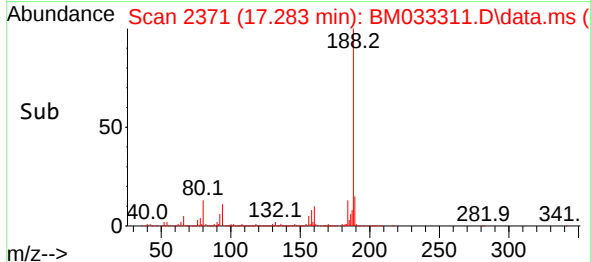
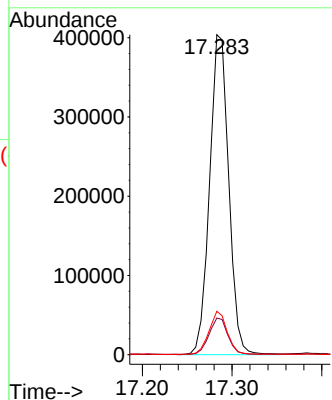
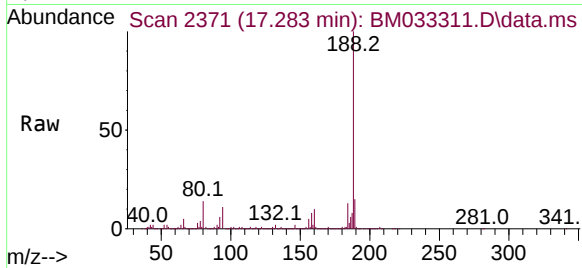




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

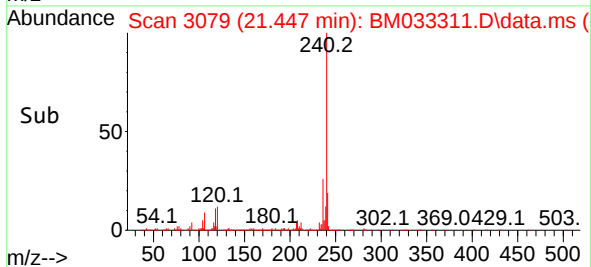
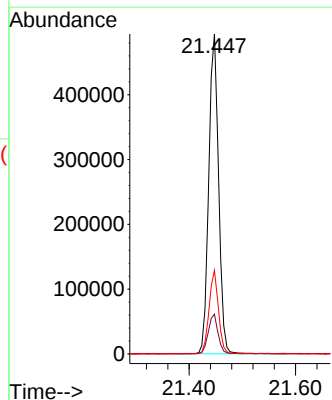
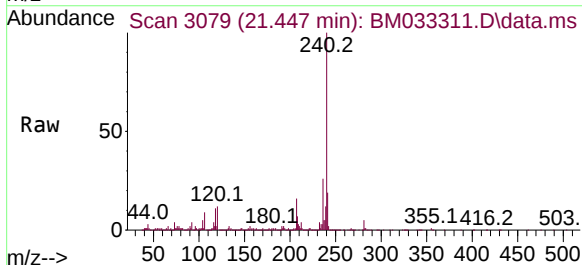
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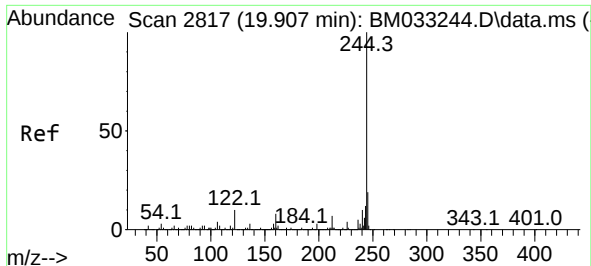
Tgt Ion:188 Resp: 597523
Ion Ratio Lower Upper
188 100
94 11.4 6.3 9.5#
80 13.5 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033311.D
Acq: 06 Dec 2021 14:22

Tgt Ion:240 Resp: 631445
Ion Ratio Lower Upper
240 100
120 12.4 7.8 11.6#
236 26.1 20.9 31.3

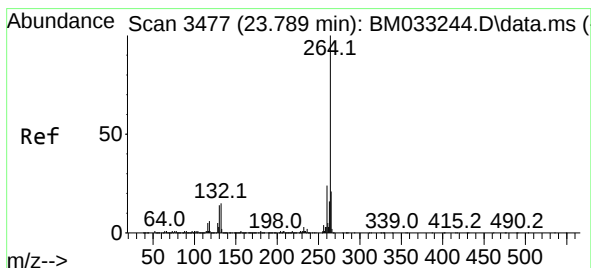
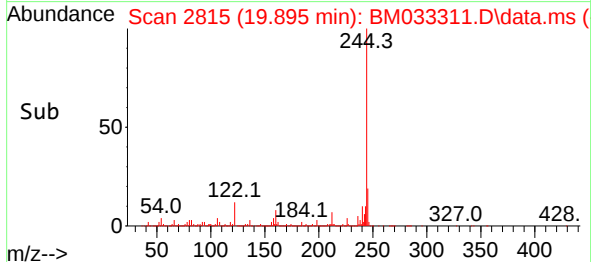
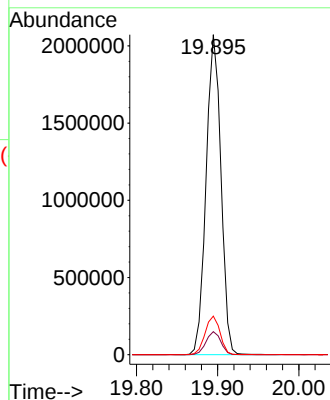
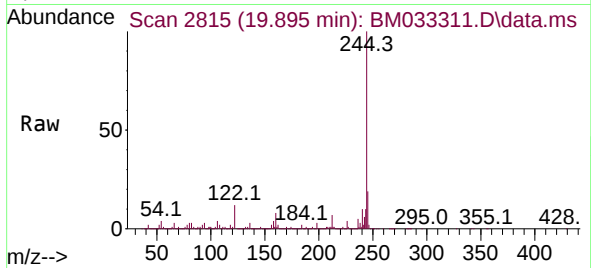




#79
 Terphenyl-d14
 Concen: 82.064 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033311.D
 Acq: 06 Dec 2021 14:22

Instrument :
 BNA_M
 ClientSampleId :
 MW-34

Tgt Ion:244 Resp: 2620572
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 12.0 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3475
 Delta R.T. -0.012 min
 Lab File: BM033311.D
 Acq: 06 Dec 2021 14:22

Tgt Ion:264 Resp: 665368
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 22.3 18.3 27.5

