

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033300.D
 Acq On : 03 Dec 2021 23:25
 Operator : CG/JU
 Sample : M4917-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-26

Quant Time: Dec 06 00:51:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

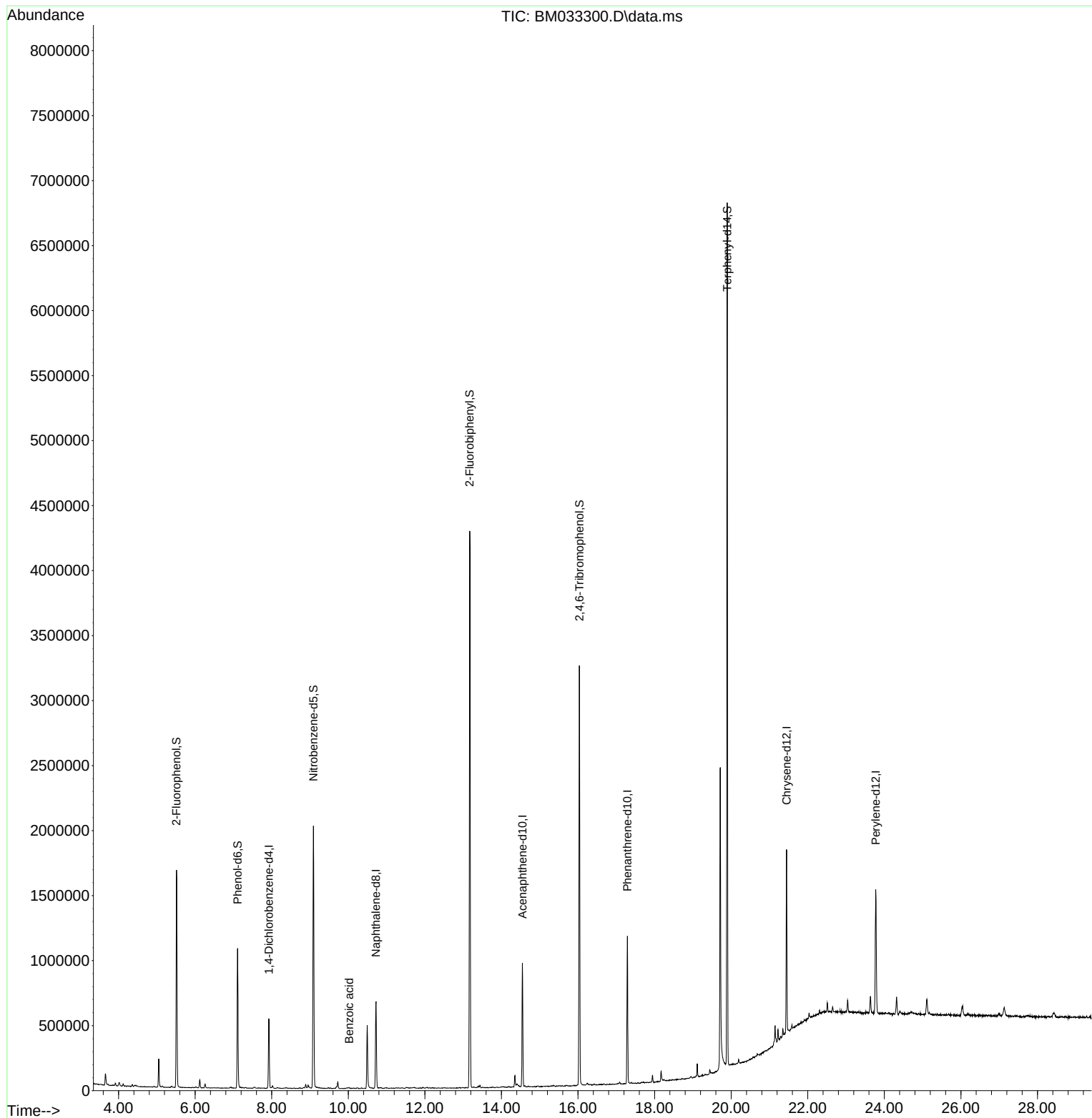
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	136592	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	529077	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	310189	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	639808	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	638436	20.000	ng	0.00
86) Perylene-d12	23.777	264	655421	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	659252	79.703	ng	0.00
7) Phenol-d6	7.107	99	557629	50.338	ng	0.01
23) Nitrobenzene-d5	9.090	82	1175280	103.124	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	479555	141.824	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	2099620	95.461	ng	-0.01
79) Terphenyl-d14	19.901	244	2991335	92.649	ng	0.00
Target Compounds						
9) Benzaldehyde	7.119	77	2914	Below Cal	#	7
32) Benzoic acid	10.025	122	122	5.242	ng	# 68

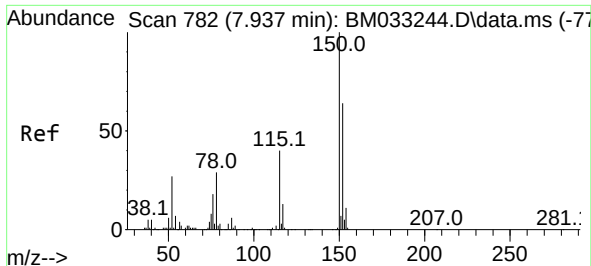
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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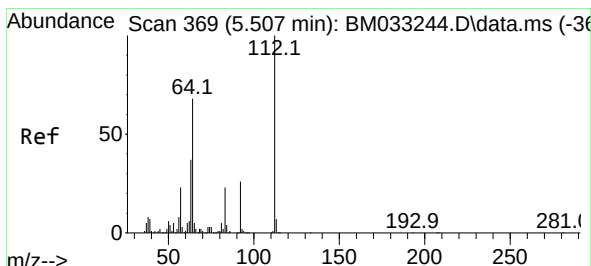
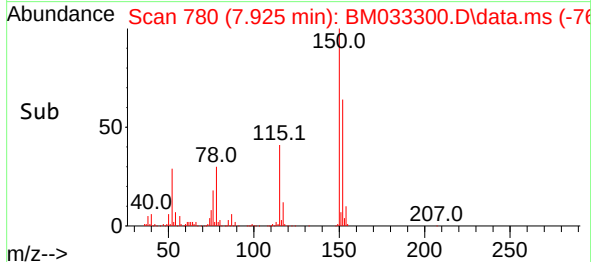
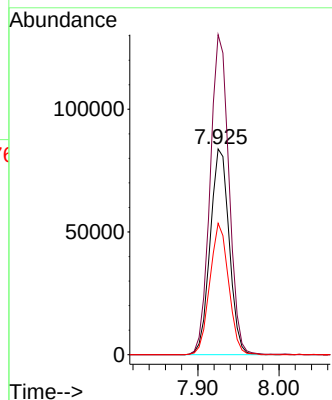
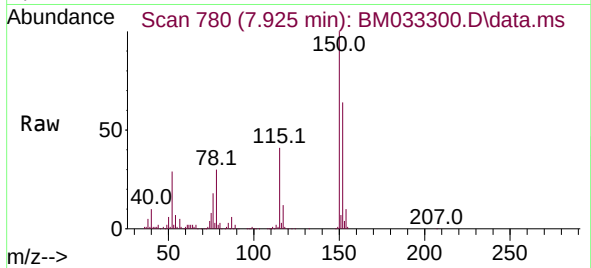




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

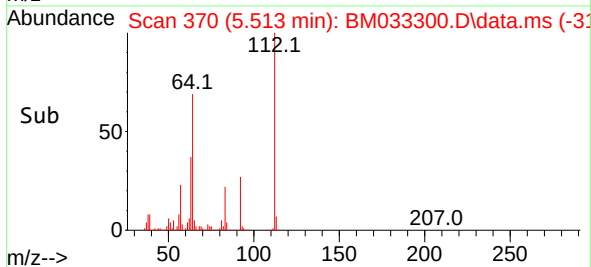
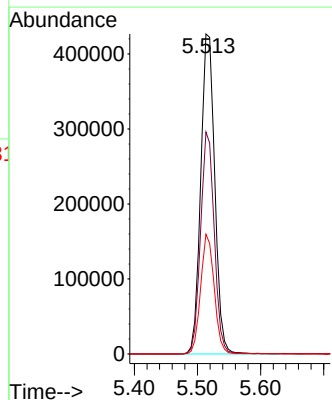
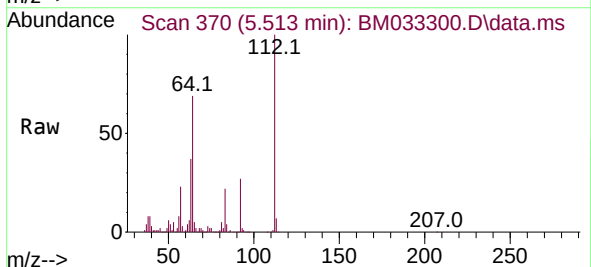
Instrument :
BNA_M
ClientSampleId :
MW-26

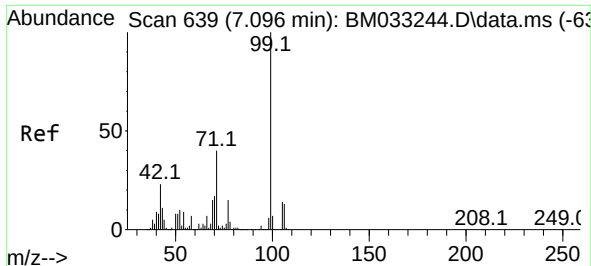
Tgt Ion:152 Resp: 136592
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 63.8 53.8 80.8



#5
2-Fluorophenol
Concen: 79.703 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

Tgt Ion:112 Resp: 659252
Ion Ratio Lower Upper
112 100
64 69.3 53.7 80.5
63 37.4 33.9 50.9

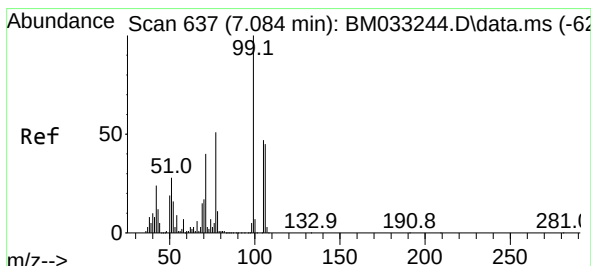
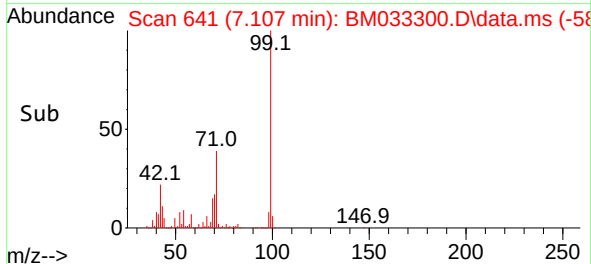
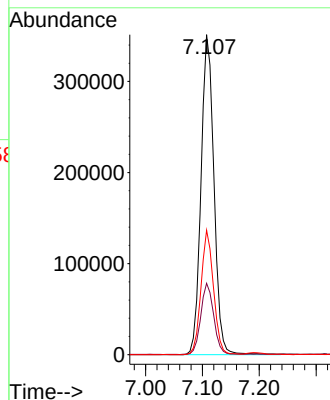
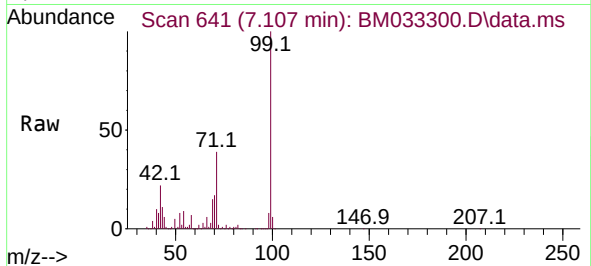




#7
Phenol-d6
Concen: 50.338 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

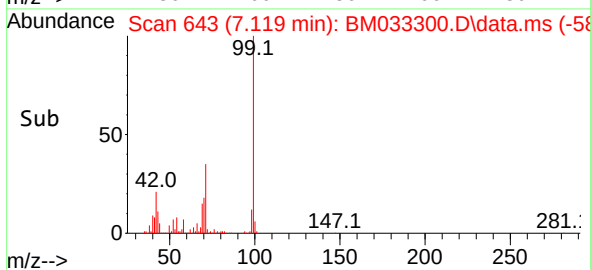
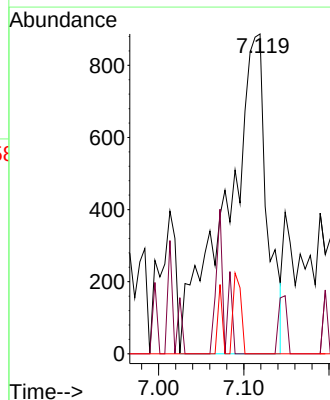
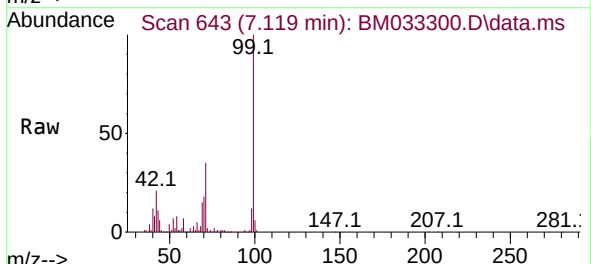
Instrument :
BNA_M
ClientSampleId :
MW-26

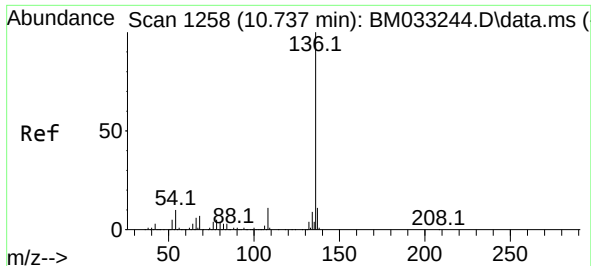
Tgt Ion: 99 Resp: 557629
Ion Ratio Lower Upper
99 100
42 22.3 23.0 34.6#
71 38.9 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.119 min Scan# 643
Delta R.T. 0.035 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

Tgt Ion: 77 Resp: 2914
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

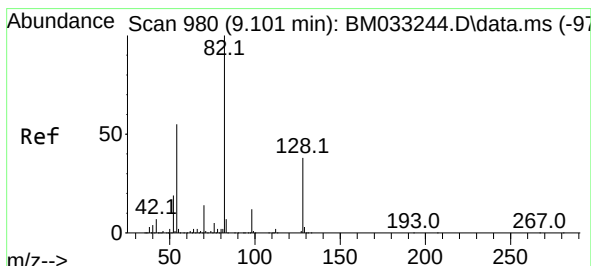
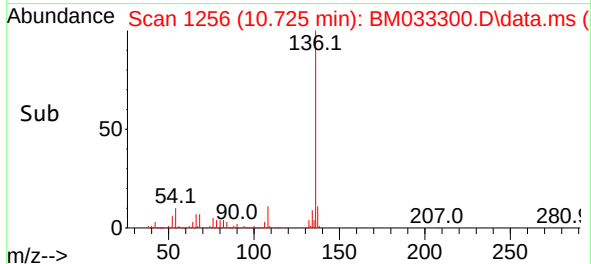
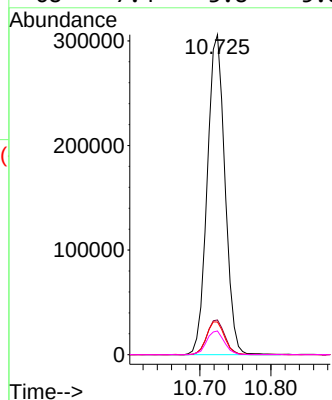
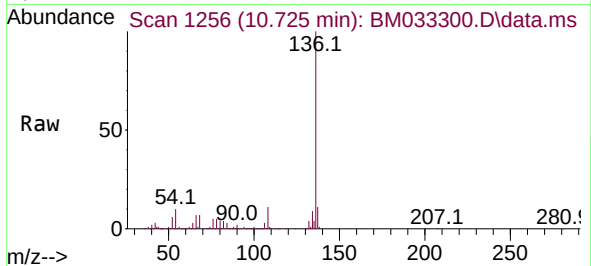




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

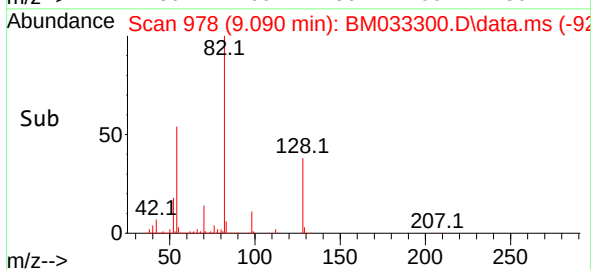
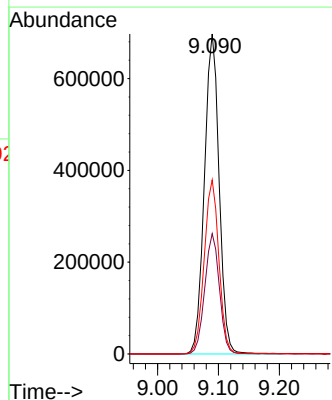
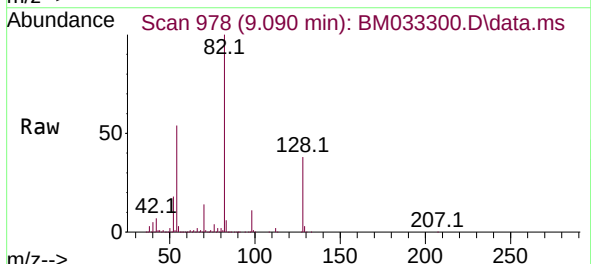
Instrument :
BNA_M
ClientSampleId :
MW-26

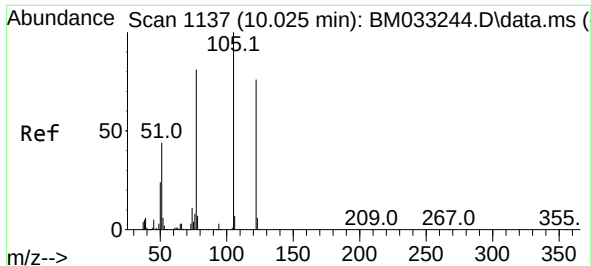
Tgt Ion:136 Resp: 529077
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.2 7.4 11.0
68 7.4 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 103.124 ng
RT: 9.090 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

Tgt Ion: 82 Resp: 1175280
Ion Ratio Lower Upper
82 100
128 37.6 29.0 43.6
54 54.4 45.8 68.8

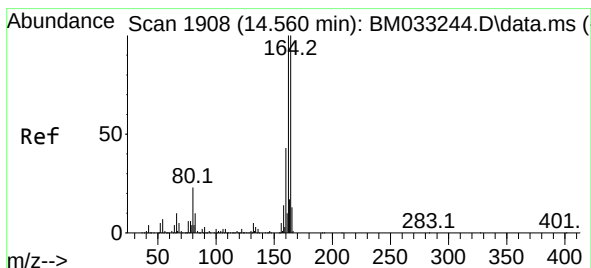
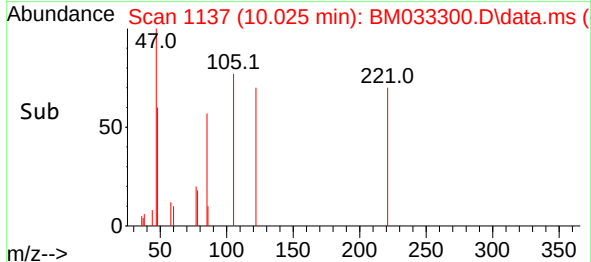
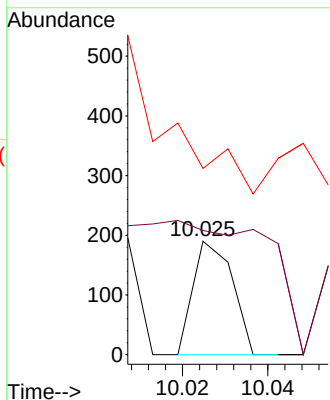
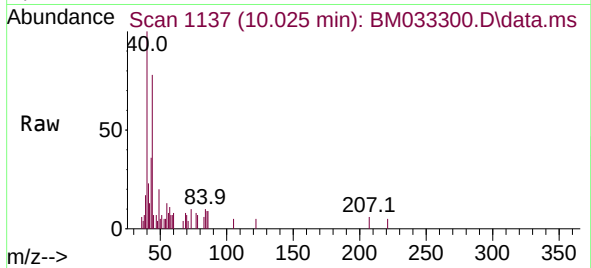




#32
Benzoic acid
Concen: 5.242 ng
RT: 10.025 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

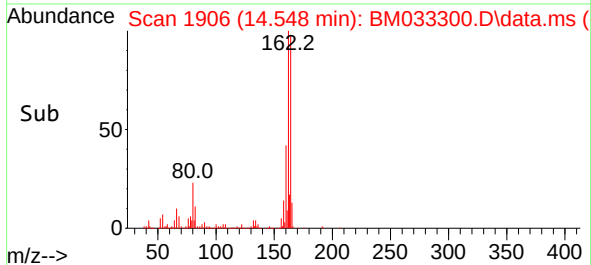
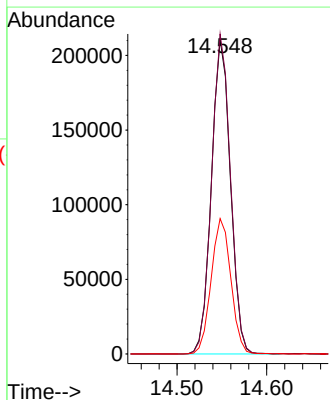
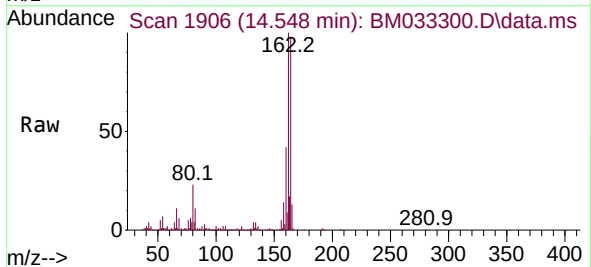
Instrument :
BNA_M
ClientSampleId :
MW-26

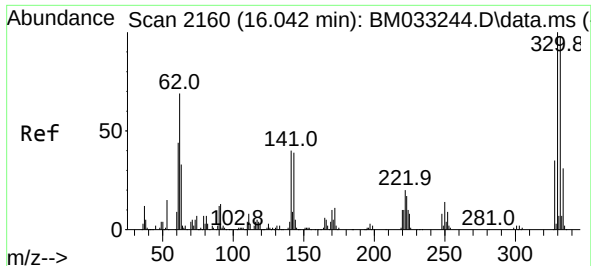
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 109.5 120.3 160.3#
77 164.2 100.0 140.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

Tgt Ion:164 Resp: 310189
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 141.824 ng

RT: 16.036 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033300.D

Acq: 03 Dec 2021 23:25

Instrument :

BNA_M

ClientSampleId :

MW-26

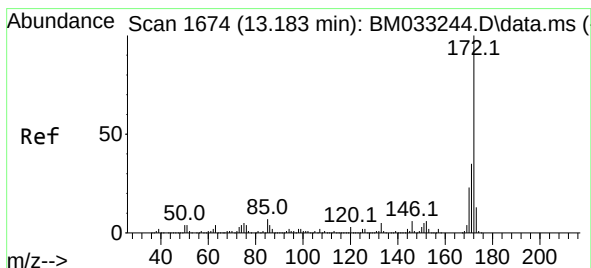
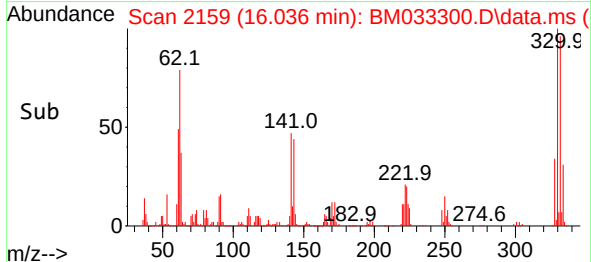
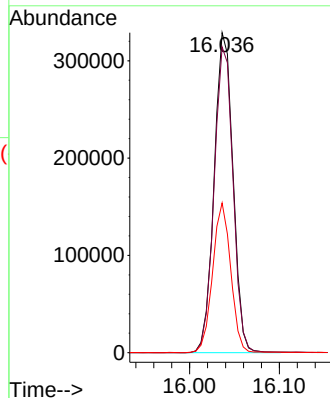
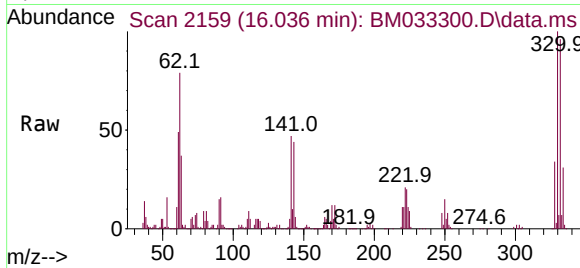
Tgt Ion:330 Resp: 479555

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

141 45.2 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 95.461 ng

RT: 13.172 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BM033300.D

Acq: 03 Dec 2021 23:25

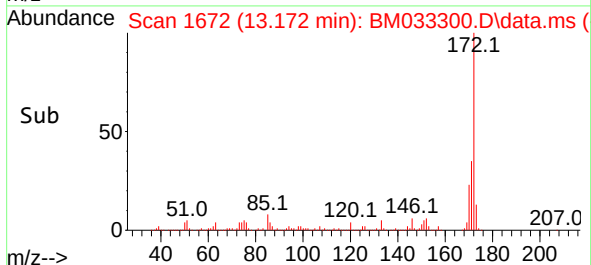
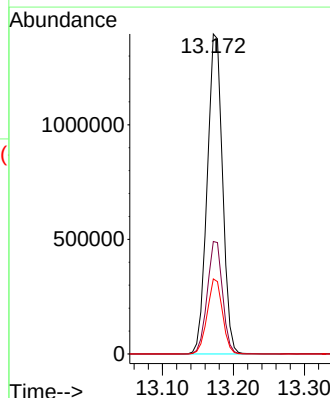
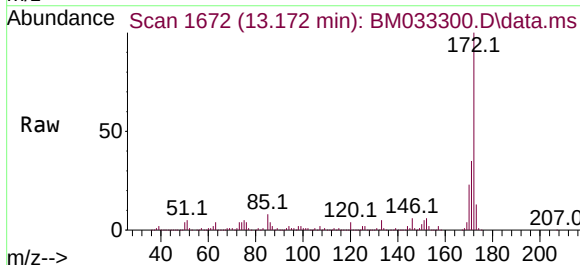
Tgt Ion:172 Resp: 2099620

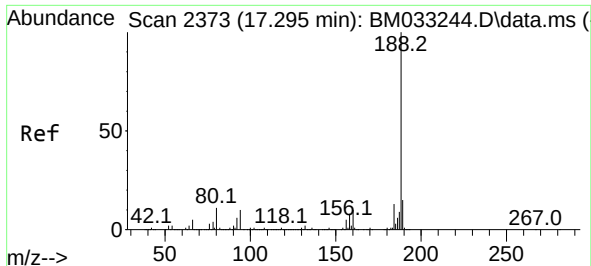
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.5 18.6 27.8

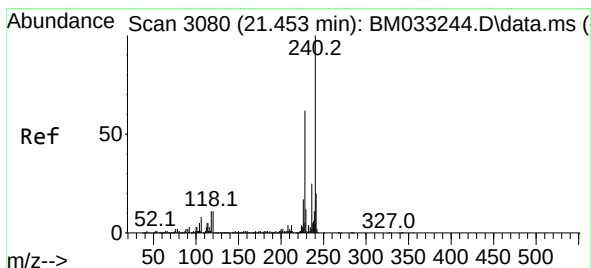
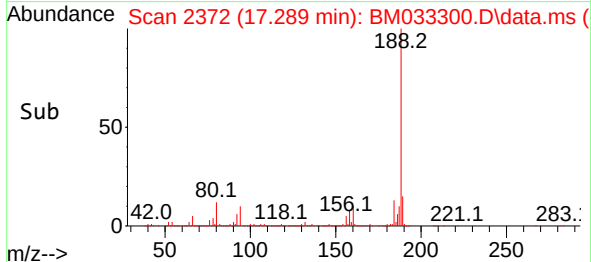
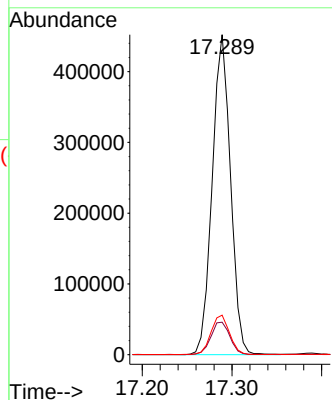
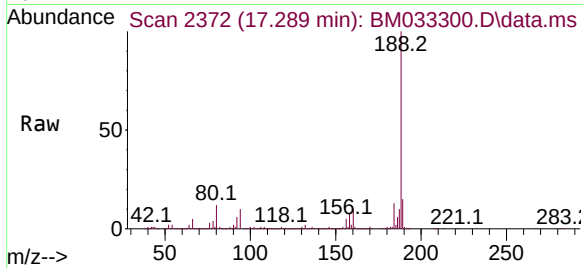




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

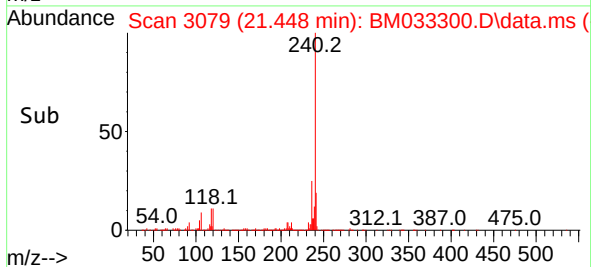
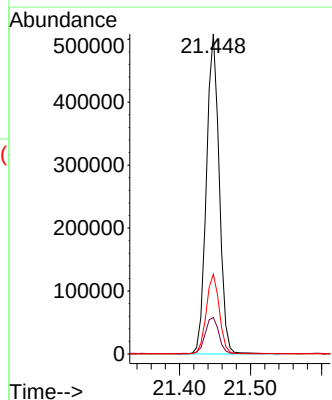
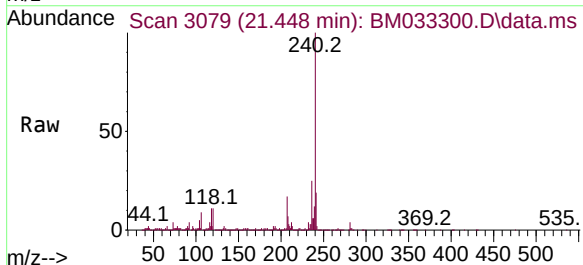
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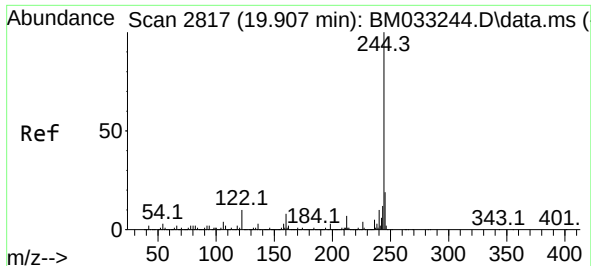
Tgt Ion:188 Resp: 639808
Ion Ratio Lower Upper
188 100
94 10.1 6.3 9.5#
80 12.4 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033300.D
Acq: 03 Dec 2021 23:25

Tgt Ion:240 Resp: 638436
Ion Ratio Lower Upper
240 100
120 11.4 7.8 11.6
236 24.9 20.9 31.3

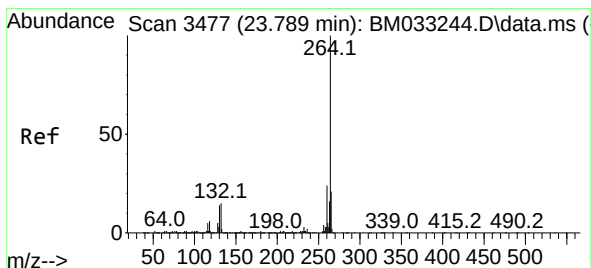
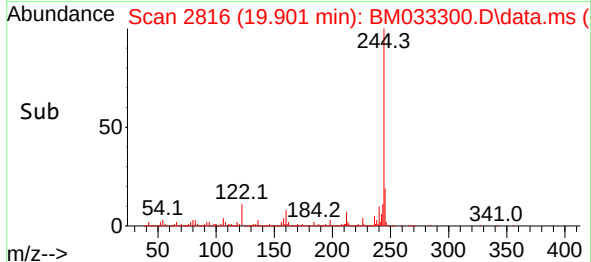
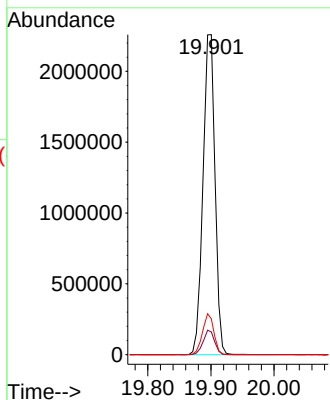
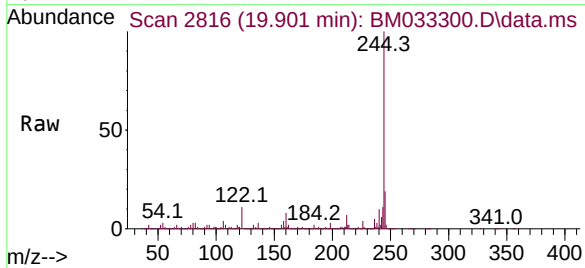




#79
 Terphenyl-d14
 Concen: 92.649 ng
 RT: 19.901 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033300.D
 Acq: 03 Dec 2021 23:25

Instrument :
 BNA_M
 ClientSampleId :
 MW-26

Tgt Ion:244 Resp: 2991335
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 11.2 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: BM033300.D
 Acq: 03 Dec 2021 23:25

Tgt Ion:264 Resp: 655421
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 22.8 18.3 27.5

