

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033299.D
 Acq On : 03 Dec 2021 22:49
 Operator : CG/JU
 Sample : M4917-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-25

Quant Time: Dec 06 00:51:37 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)

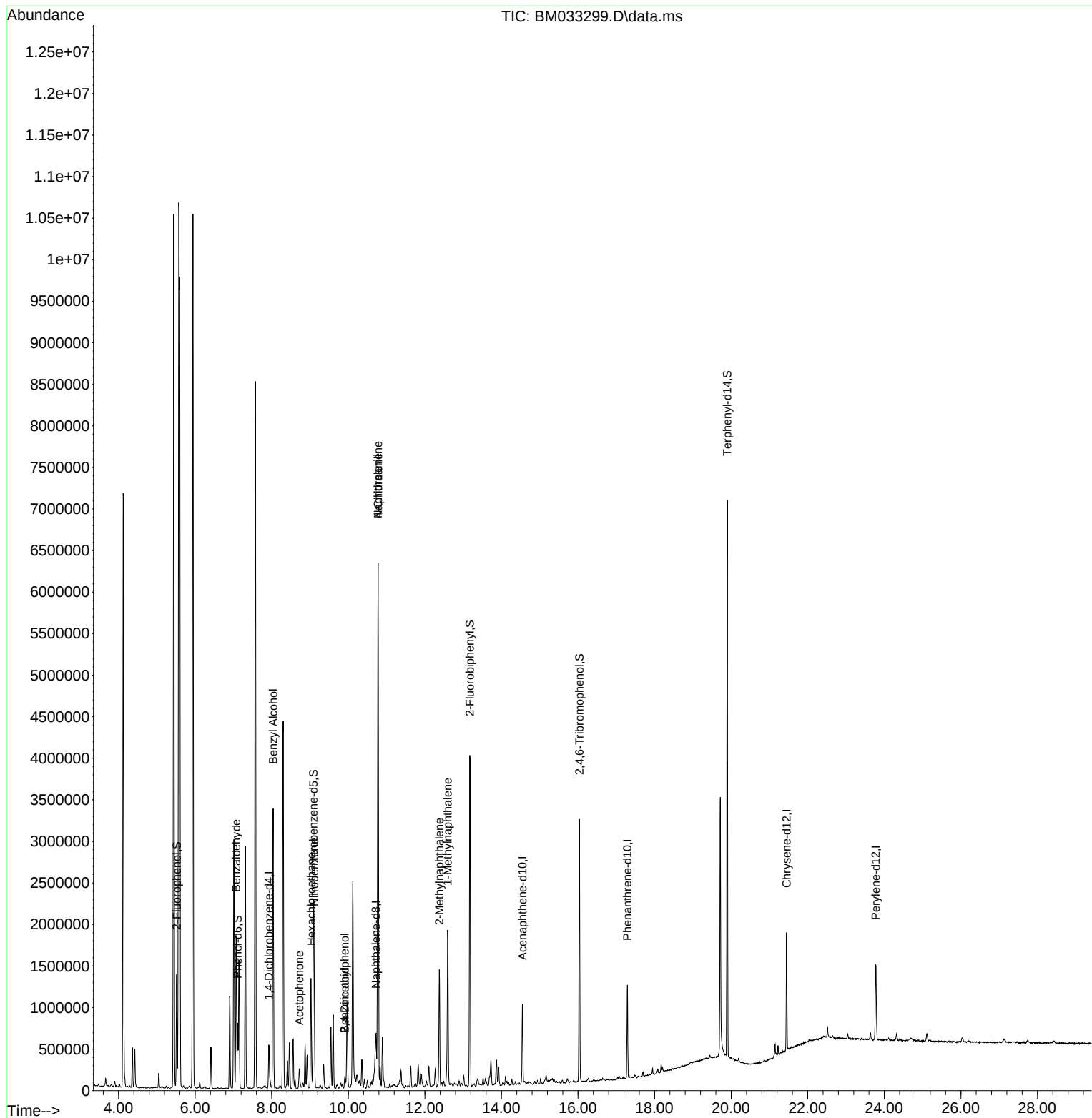
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	132305	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	510963	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	314638	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	635635	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	624301	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	629822	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	512617	63.983	ng	0.01
7) Phenol-d6	7.107	99	411158	38.318	ng	0.01
23) Nitrobenzene-d5	9.090	82	1097148	99.681	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	469927	137.011	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	2006247	89.926	ng	0.00
79) Terphenyl-d14	19.901	244	3056922	96.824	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.072	77	142546	21.228	ng	# 1
15) Benzyl Alcohol	8.037	79	176660	21.156	ng	# 16
18) Hexachloroethane	9.031	117	192496	52.876	ng	# 1
22) Acetophenone	8.725	105	178435	13.569	ng	# 53
24) Nitrobenzene	9.107	77	39985	3.771	ng	# 1
27) 2,4-Dimethylphenol	9.907	122	15728	2.329	ng	97
31) Naphthalene	10.778	128	4722658	175.216	ng	99
32) Benzoic acid	9.907	122	15728	8.417	ng	# 31
33) 4-Chloroaniline	10.778	127	617639	59.583	ng	# 30
37) 2-Methylnaphthalene	12.378	142	607029	33.081	ng	97
38) 1-Methylnaphthalene	12.595	142	794514	44.380	ng	98

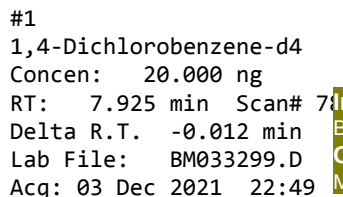
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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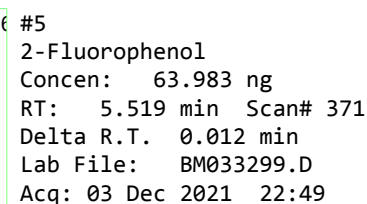
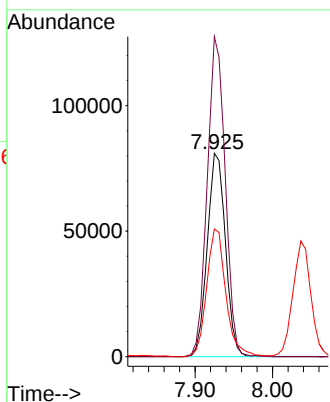




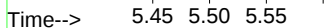
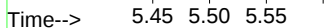
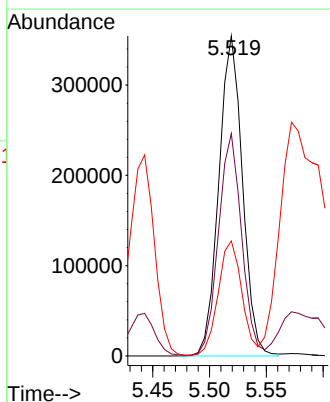
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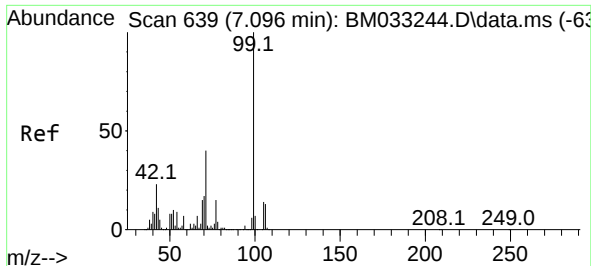
ClientSampleId :
MW-25

Tgt	Ion:152	Resp:	132305
Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.4	183.6
115	62.8	53.8	80.8



Tgt	Ion:112	Resp:	512617
Ion	Ratio	Lower	Upper
112	100		
64	69.5	53.7	80.5
63	35.9	33.9	50.9

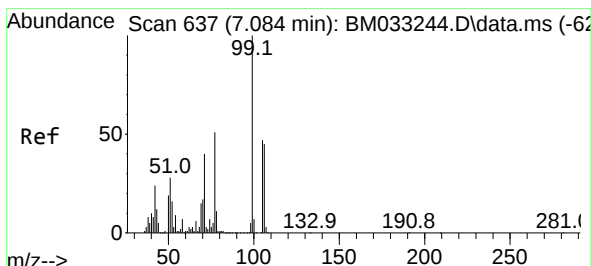
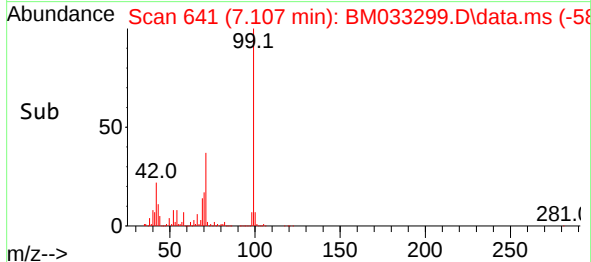
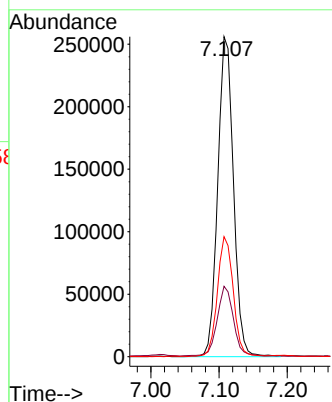
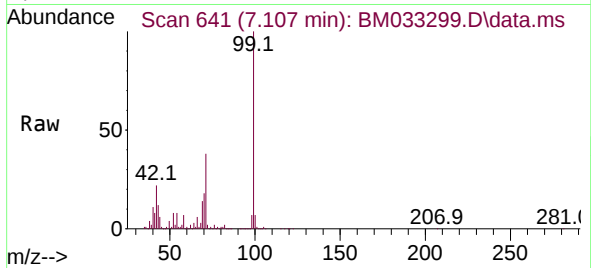




#7
Phenol-d6
Concen: 38.318 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

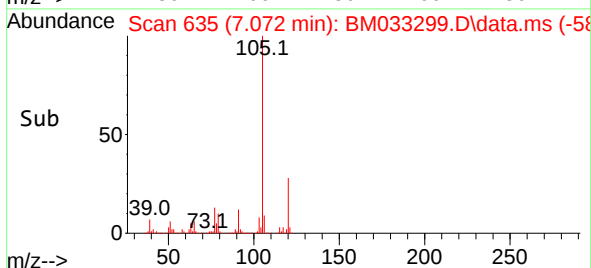
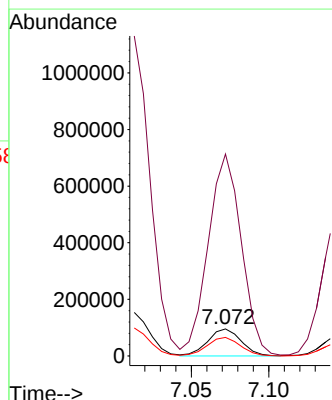
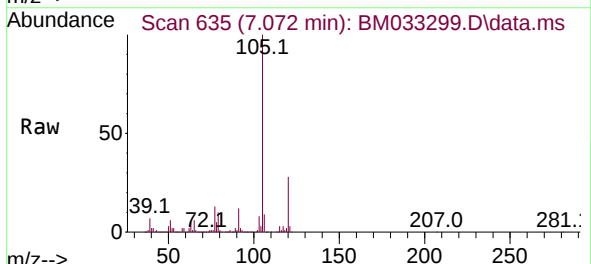
Instrument :
BNA_M
ClientSampleId :
MW-25

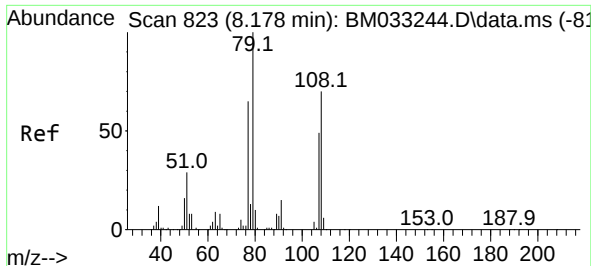
Tgt Ion: 99 Resp: 411158
Ion Ratio Lower Upper
99 100
42 22.0 23.0 34.6#
71 37.5 37.8 56.8#



#9
Benzaldehyde
Concen: 21.228 ng
RT: 7.072 min Scan# 635
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion: 77 Resp: 142546
Ion Ratio Lower Upper
77 100
105 746.3 68.9 108.9#
106 68.8 61.2 101.2

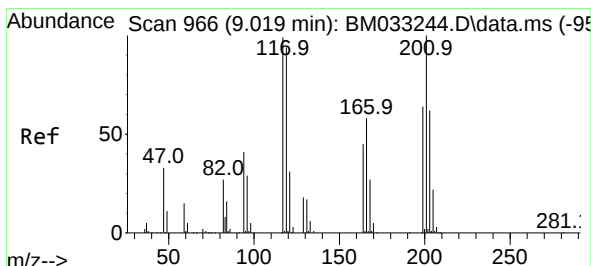
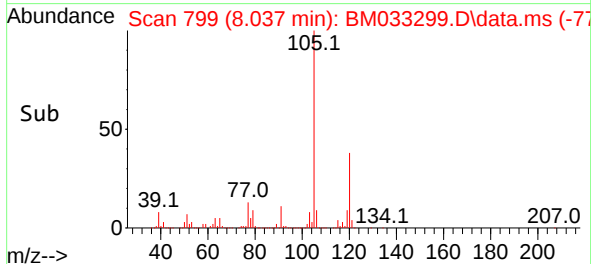
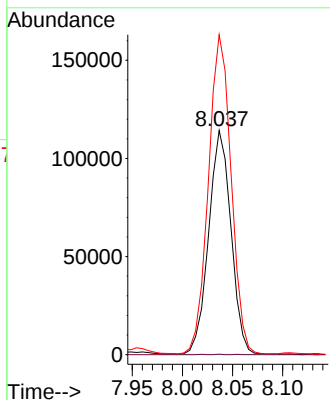
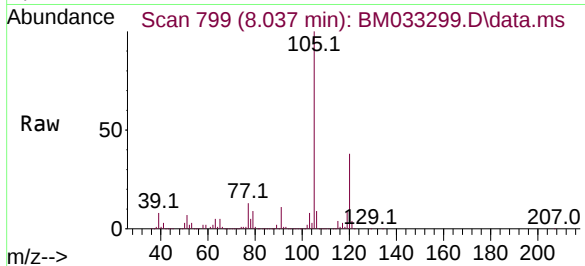




#15
Benzyl Alcohol
Concen: 21.156 ng
RT: 8.037 min Scan# 79
Delta R.T. -0.141 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

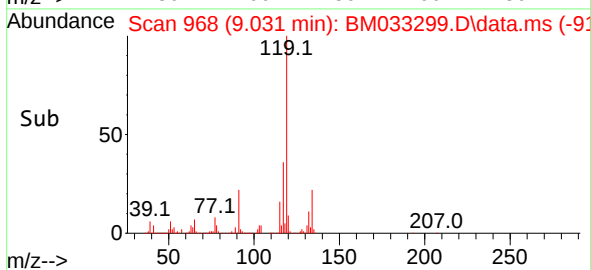
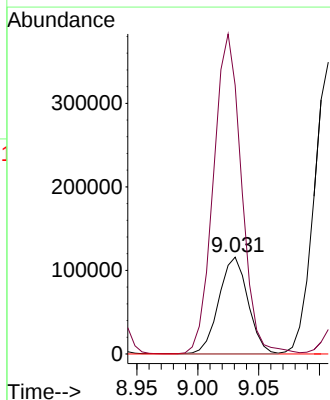
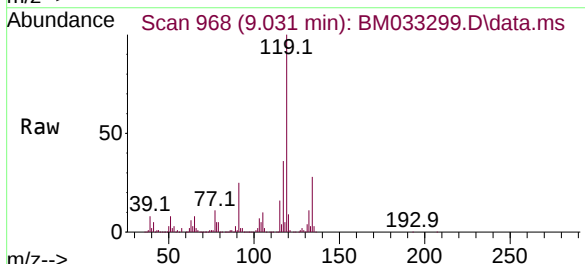
Instrument :
BNA_M
ClientSampleId :
MW-25

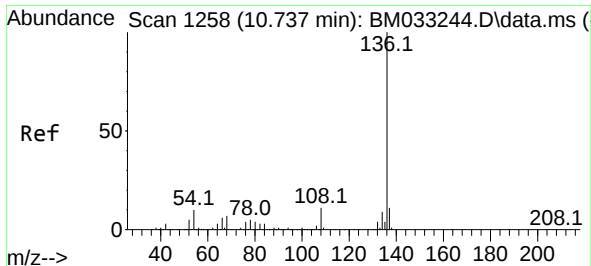
Tgt Ion: 79 Resp: 176660
Ion Ratio Lower Upper
79 100
108 0.2 53.6 80.4#
77 142.7 57.7 86.5#



#18
Hexachloroethane
Concen: 52.876 ng
RT: 9.031 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion: 117 Resp: 192496
Ion Ratio Lower Upper
117 100
119 277.6 77.7 116.5#
201 0.0 70.2 105.2#

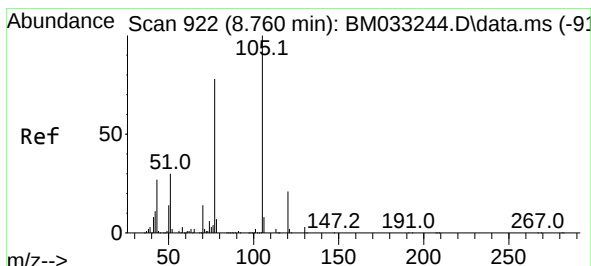
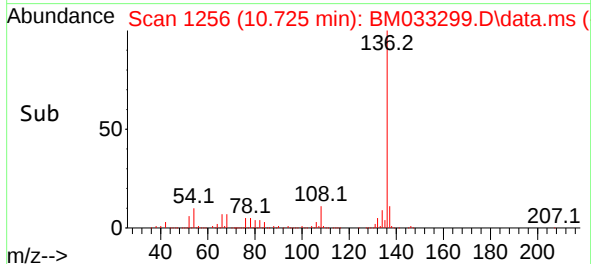
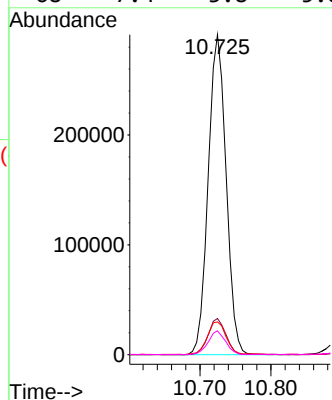
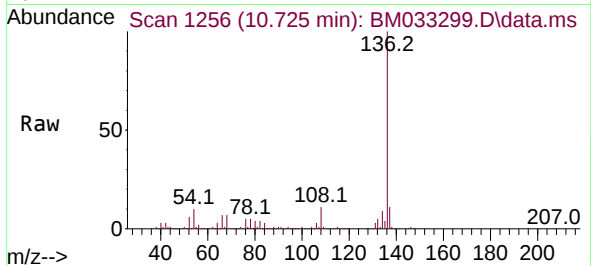




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

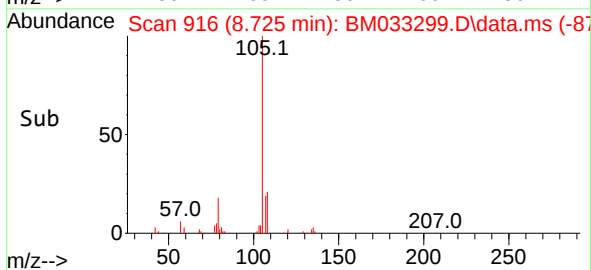
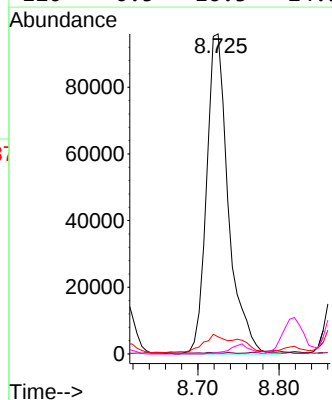
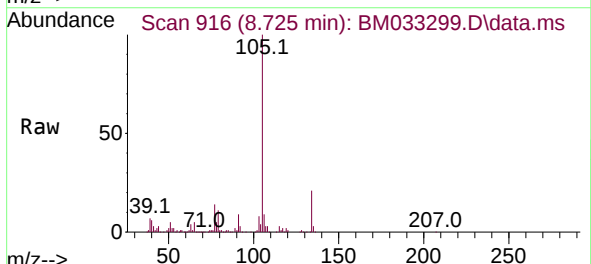
Instrument :
BNA_M
ClientSampleId :
MW-25

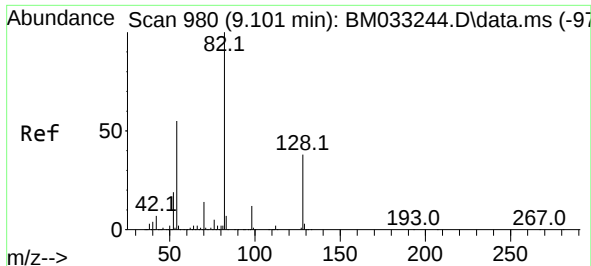
Tgt Ion:	136	Resp:	510963
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.3	7.4	11.0
68	7.4	3.8	5.8#



#22
Acetophenone
Concen: 13.569 ng
RT: 8.725 min Scan# 916
Delta R.T. -0.035 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion:	105	Resp:	178435
Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.8	5.6#
51	5.4	29.5	44.3#
120	0.5	16.3	24.5#

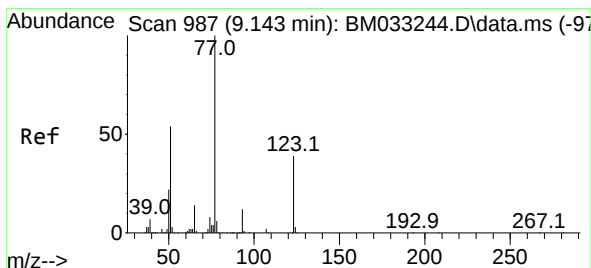
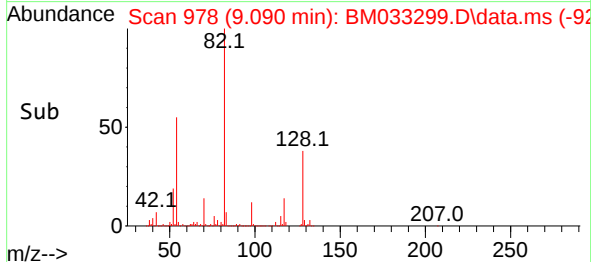
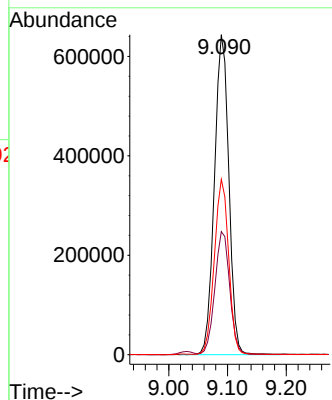
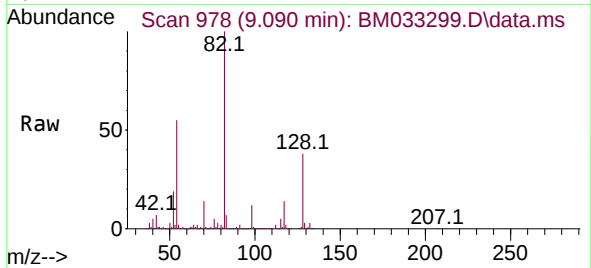




#23
Nitrobenzene-d5
Concen: 99.681 ng
RT: 9.090 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

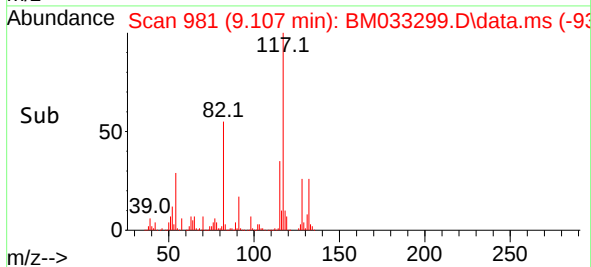
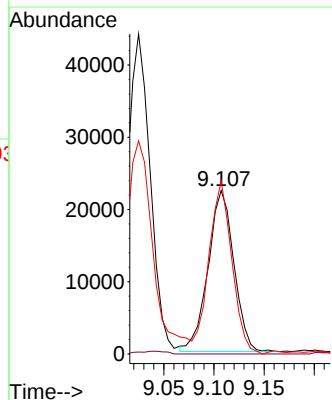
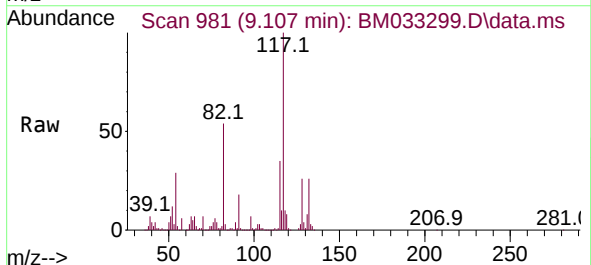
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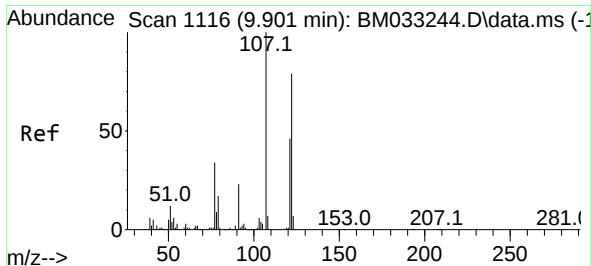
Tgt Ion: 82 Resp: 1097148
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.6
54 54.8 45.8 68.8



#24
Nitrobenzene
Concen: 3.771 ng
RT: 9.107 min Scan# 981
Delta R.T. -0.035 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion: 77 Resp: 39985
Ion Ratio Lower Upper
77 100
123 0.0 30.1 45.1#
65 106.0 11.7 17.5#

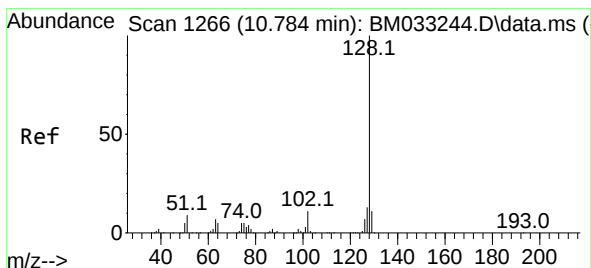
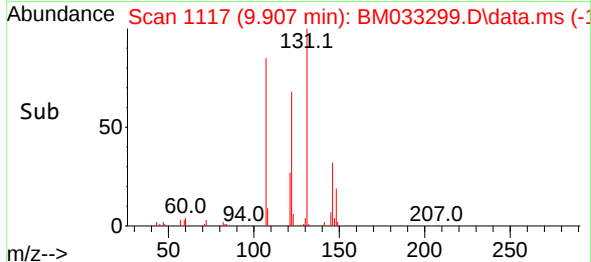
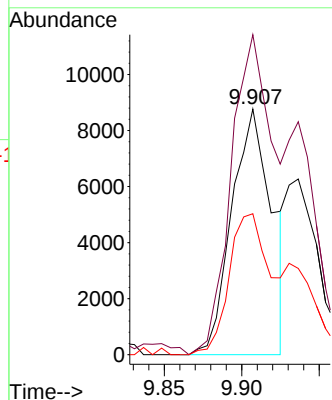
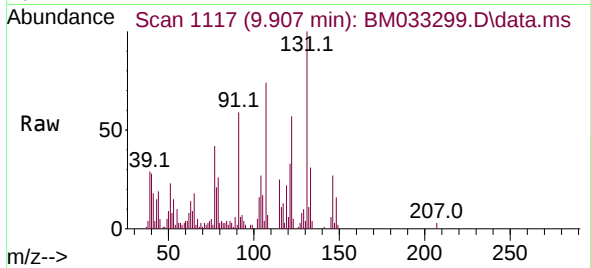




#27
2,4-Dimethylphenol
Concen: 2.329 ng
RT: 9.907 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

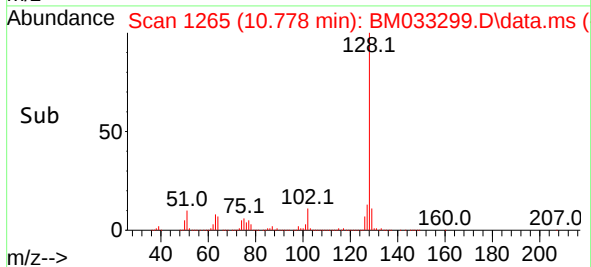
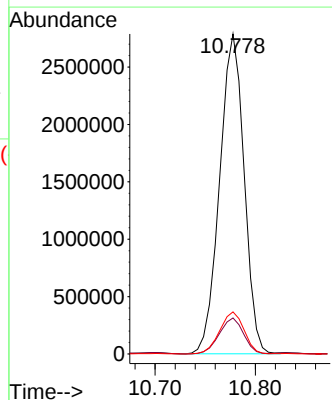
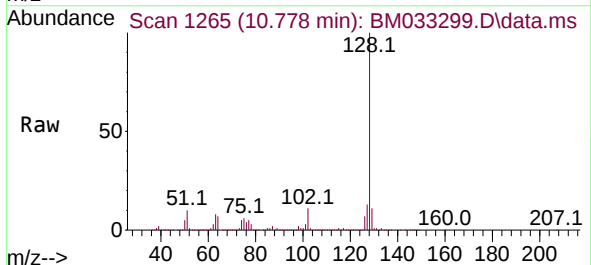
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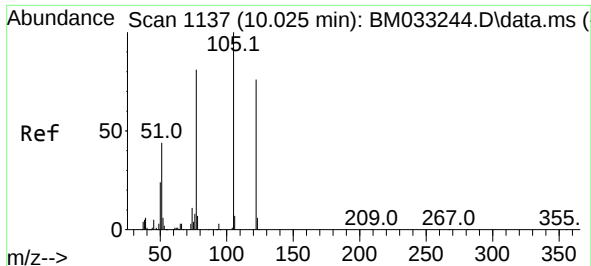
Tgt Ion:122 Resp: 15728
Ion Ratio Lower Upper
122 100
107 130.3 100.6 150.8
121 57.4 47.3 70.9



#31
Naphthalene
Concen: 175.216 ng
RT: 10.778 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion:128 Resp: 4722658
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.4 15.6

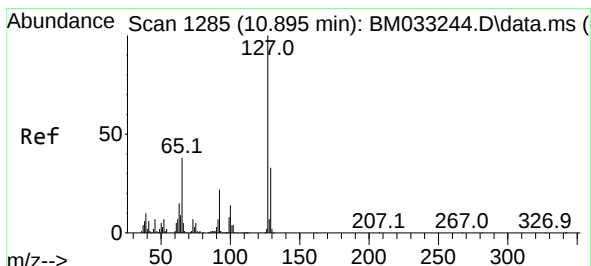
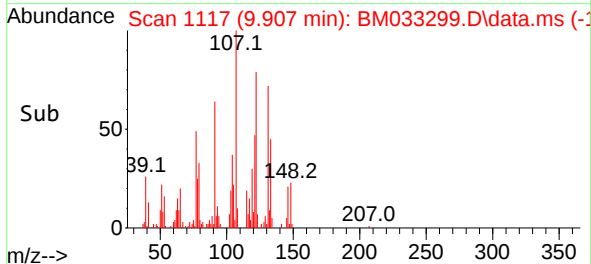
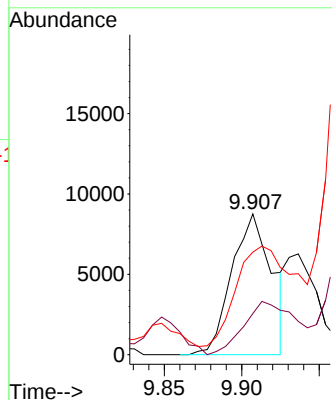
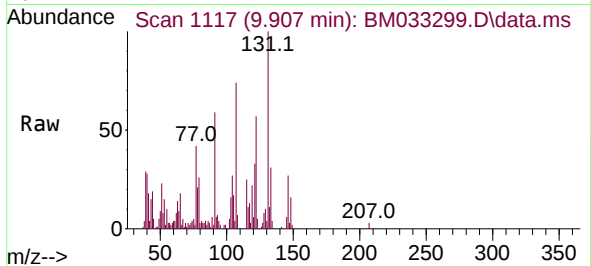




#32
Benzoic acid
Concen: 8.417 ng
RT: 9.907 min Scan# 1137
Delta R.T. -0.118 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

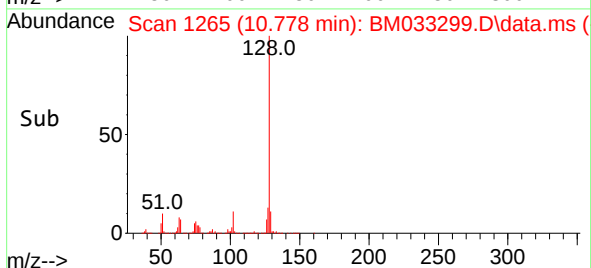
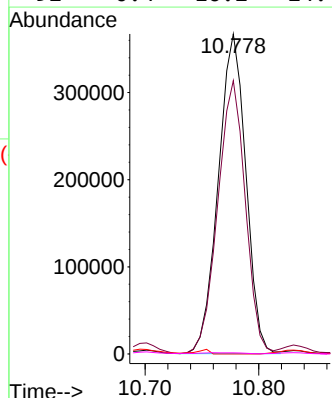
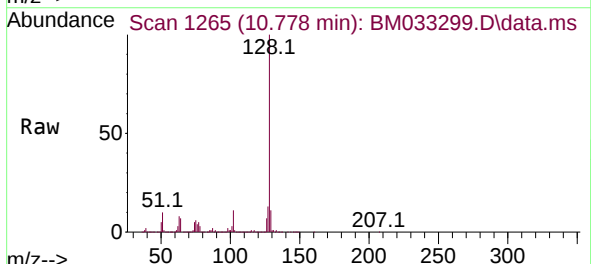
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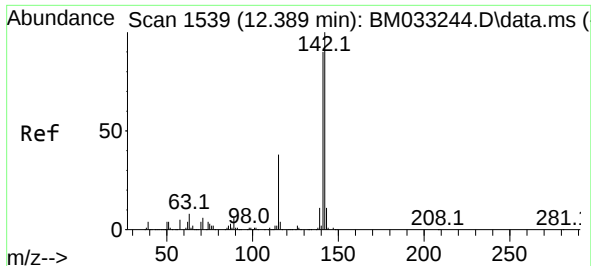
Tgt Ion:122 Resp: 15728
Ion Ratio Lower Upper
122 100
105 29.2 120.3 160.3#
77 72.8 100.0 140.0#



#33
4-Chloroaniline
Concen: 59.583 ng
RT: 10.778 min Scan# 1265
Delta R.T. -0.118 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion:127 Resp: 617639
Ion Ratio Lower Upper
127 100
129 85.4 25.6 38.4#
65 0.0 30.4 45.6#
92 0.4 16.2 24.4#





#37

2-Methylnaphthalene

Concen: 33.081 ng

RT: 12.378 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM033299.D

Acq: 03 Dec 2021 22:49

Instrument :

BNA_M

ClientSampleId :

MW-25

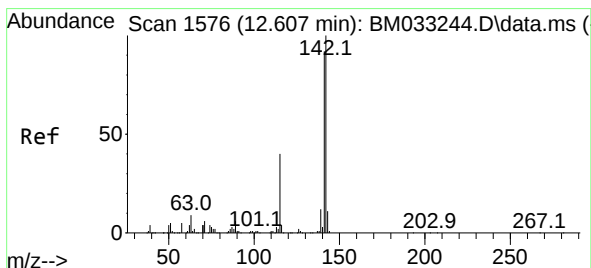
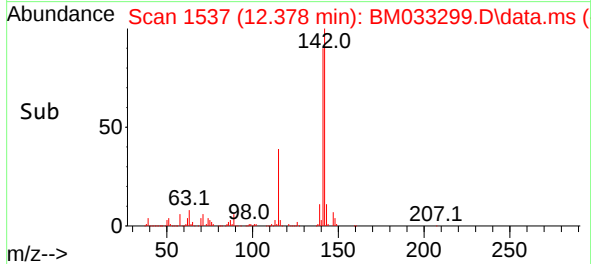
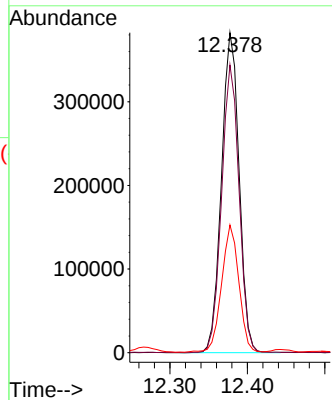
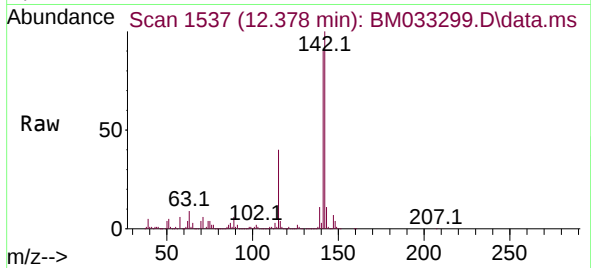
Tgt Ion:142 Resp: 607029

Ion Ratio Lower Upper

142 100

141 89.9 71.8 107.6

115 39.9 36.3 54.5



#38

1-Methylnaphthalene

Concen: 44.380 ng

RT: 12.595 min Scan# 1574

Delta R.T. -0.012 min

Lab File: BM033299.D

Acq: 03 Dec 2021 22:49

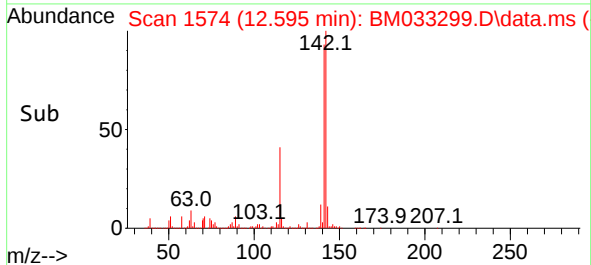
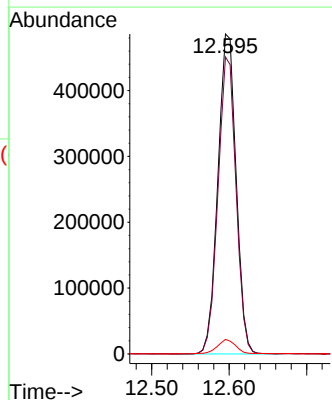
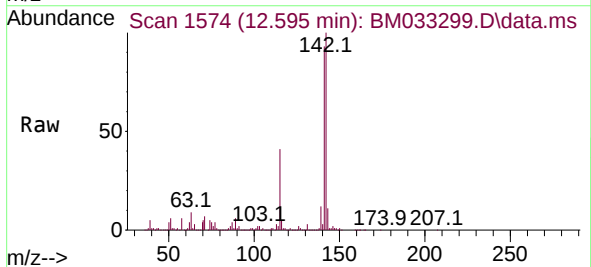
Tgt Ion:142 Resp: 794514

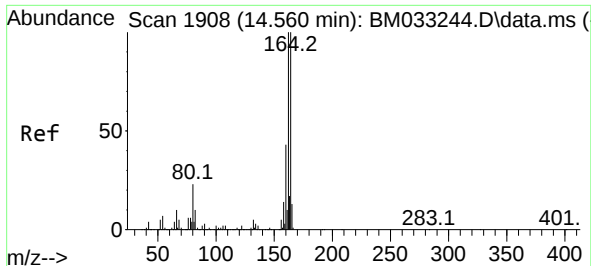
Ion Ratio Lower Upper

142 100

141 92.8 75.6 113.4

116 4.6 4.0 6.0

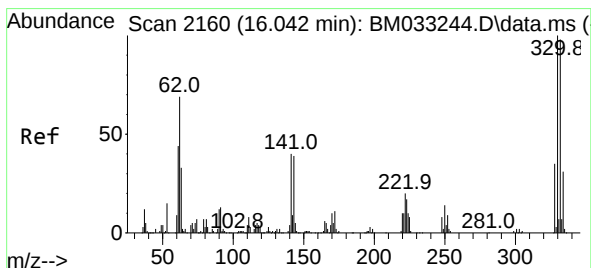
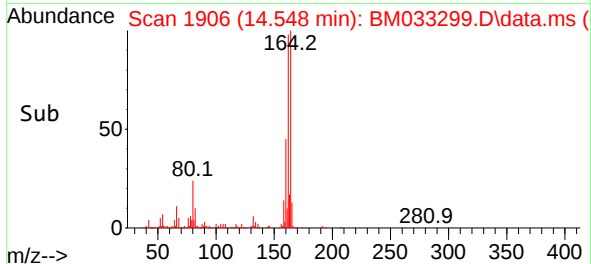
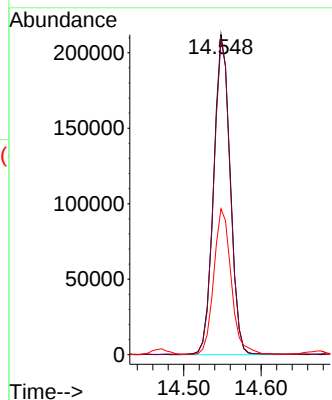
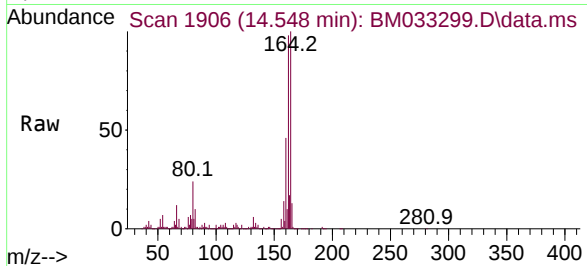




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

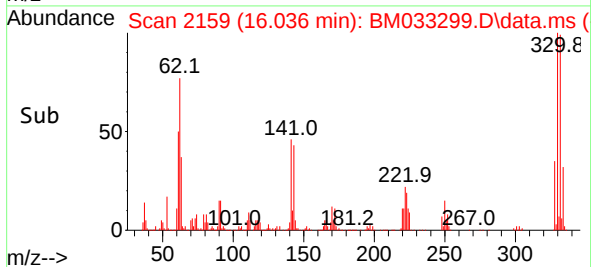
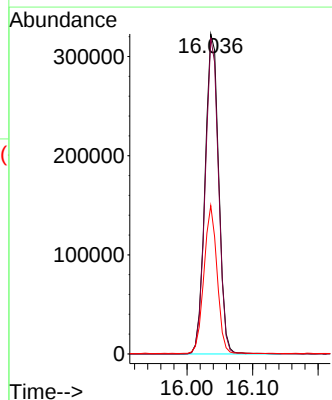
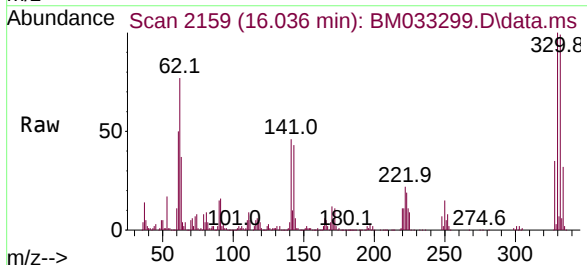
Instrument :
BNA_M
ClientSampleId :
MW-25

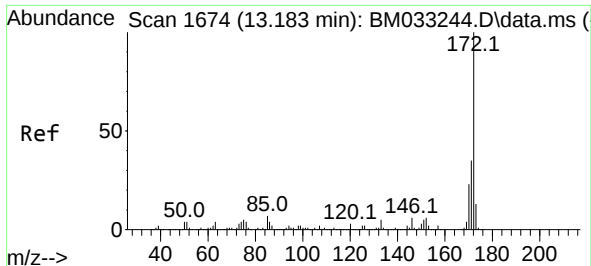
Tgt Ion:164 Resp: 314638
Ion Ratio Lower Upper
164 100
162 98.4 80.6 121.0
160 45.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 137.011 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion:330 Resp: 469927
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 44.2 50.7 76.1#

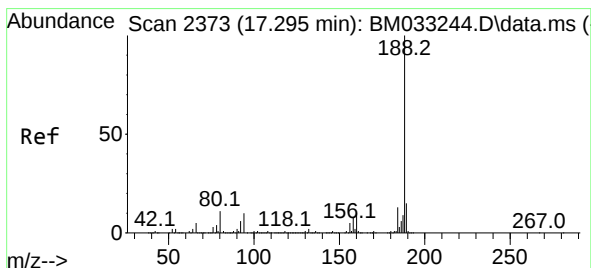
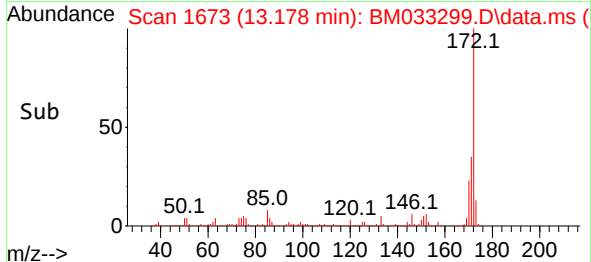
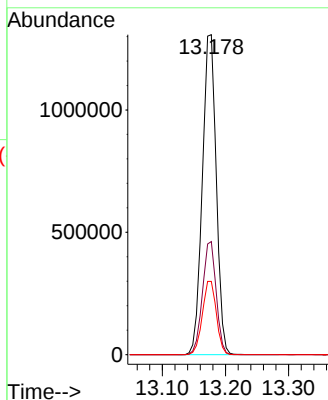
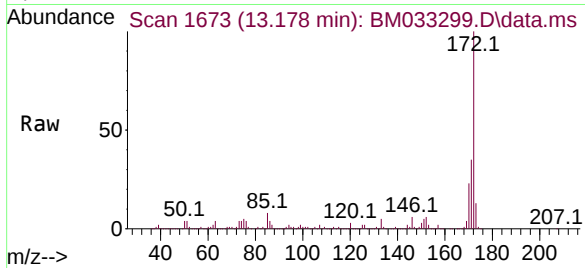




#45
2-Fluorobiphenyl
Concen: 89.926 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

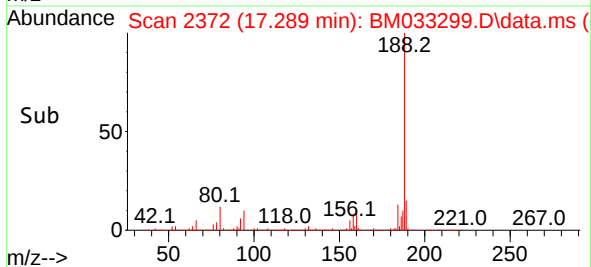
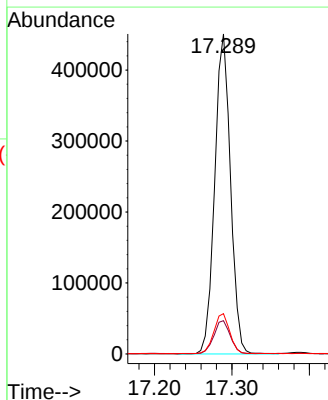
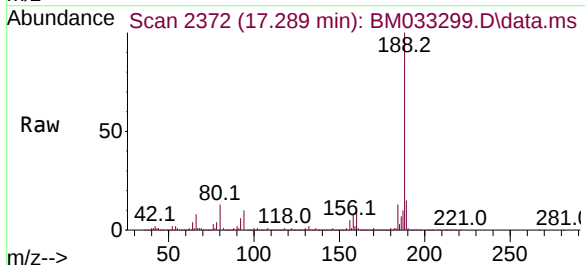
Instrument :
BNA_M
ClientSampleId :
MW-25

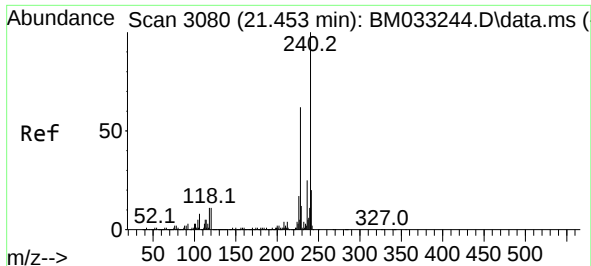
Tgt Ion:172 Resp: 2006247
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.9 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion:188 Resp: 635635
Ion Ratio Lower Upper
188 100
94 10.4 6.3 9.5#
80 12.6 7.3 10.9#

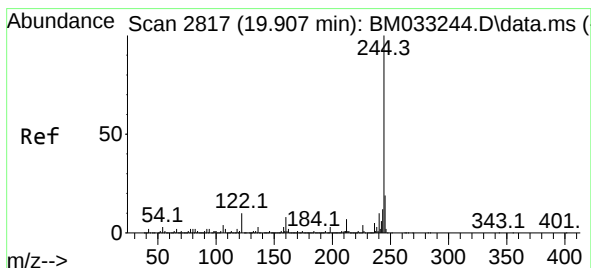
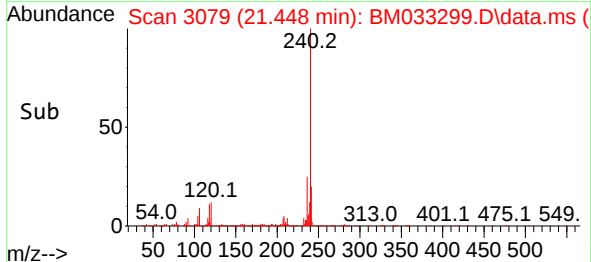
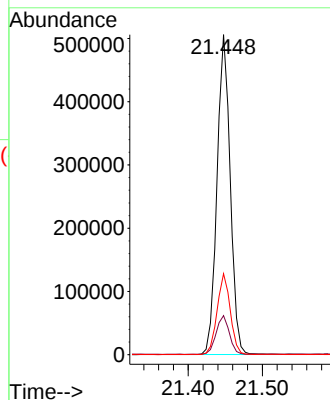
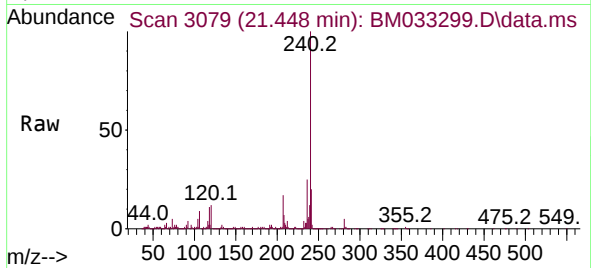




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

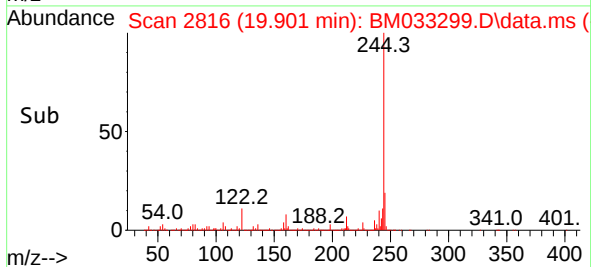
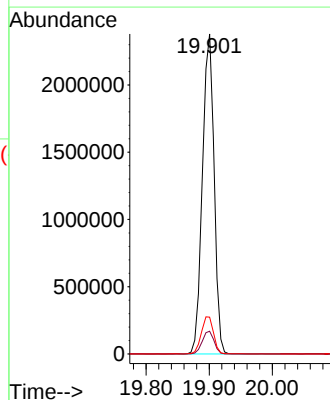
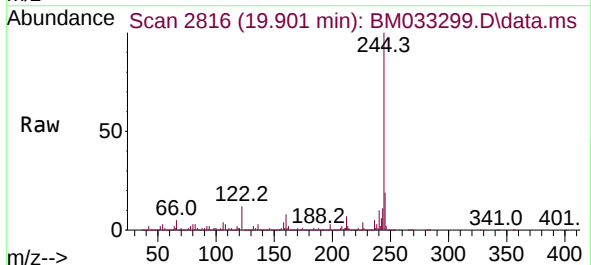
Instrument :
BNA_M
ClientSampleId :
MW-25

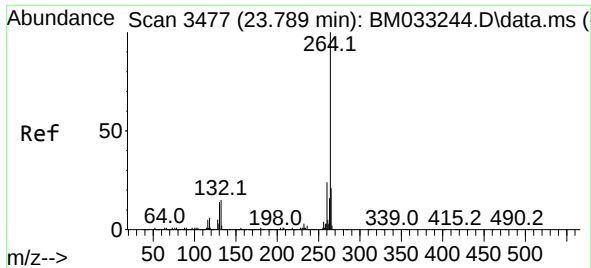
Tgt Ion:240 Resp: 624301
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 96.824 ng
RT: 19.901 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Tgt Ion:244 Resp: 3056922
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 11.5 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.777 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Instrument :
BNA_M
ClientSampleId :
MW-25

Tgt	Ion:264	Resp:	629822
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.2	18.3	27.5

