

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033296.D
 Acq On : 03 Dec 2021 21:02
 Operator : CG/JU
 Sample : M4917-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-16R

Quant Time: Dec 06 00:51:04 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)

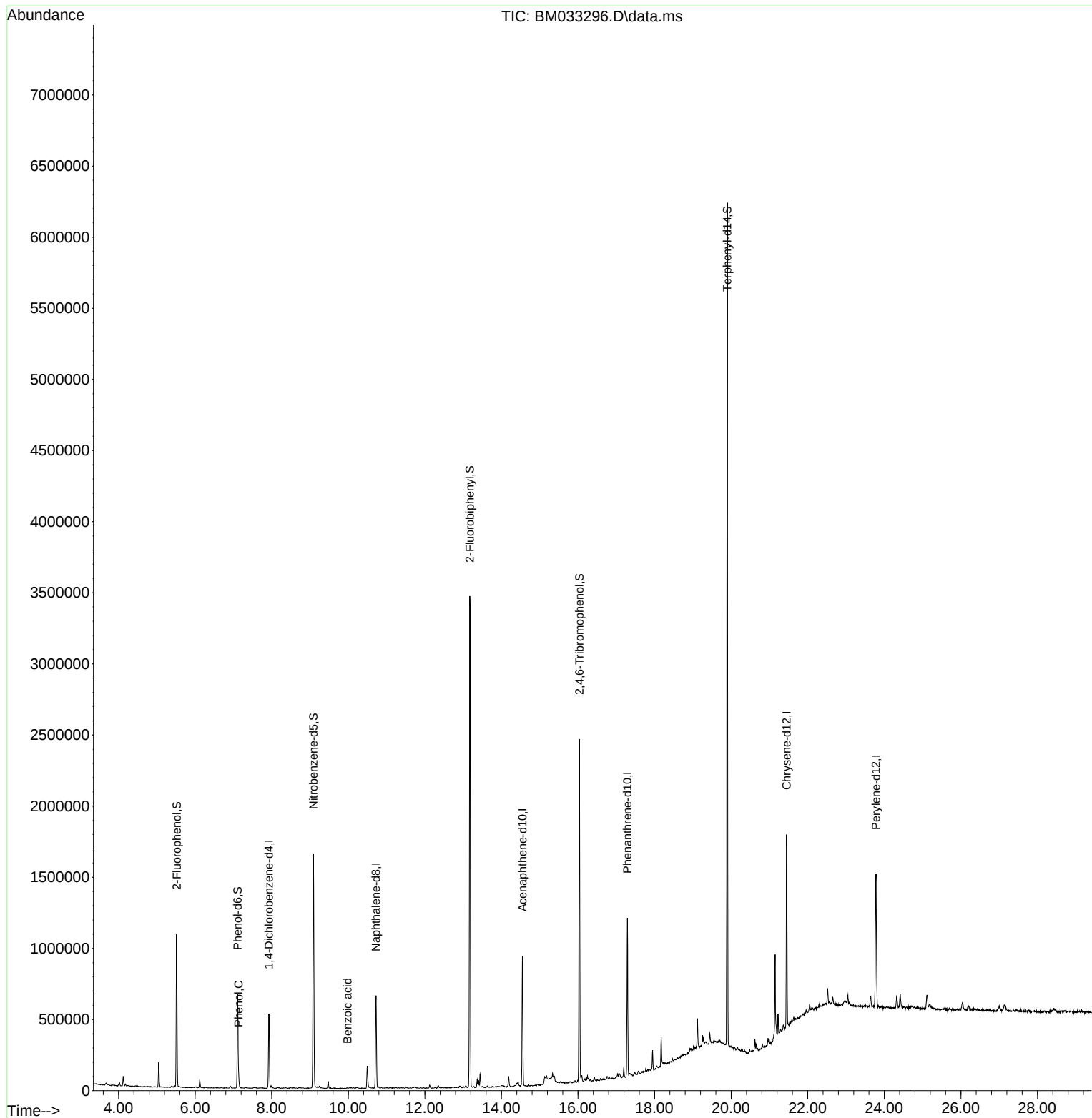
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	132728	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	515468	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	304235	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	627515	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	632344	20.000	ng	# 0.00
86) Perylene-d12	23.783	264	643486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	427088	53.137	ng	0.01
7) Phenol-d6	7.107	99	345571	32.103	ng	0.01
23) Nitrobenzene-d5	9.089	82	950289	85.584	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	353314	106.534	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	1691137	78.394	ng	0.00
79) Terphenyl-d14	19.900	244	2640657	82.575	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.072	77	219	Below Cal	#	58
10) Phenol	7.137	94	39391	3.618	ng	92
32) Benzoic acid	9.978	122	481	5.315	ng	# 71

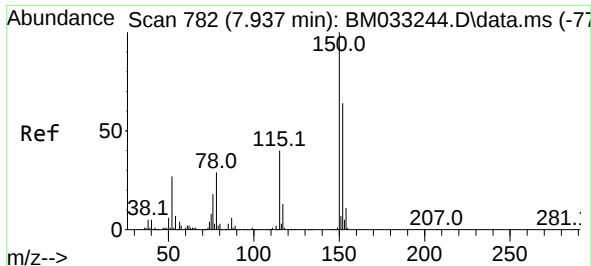
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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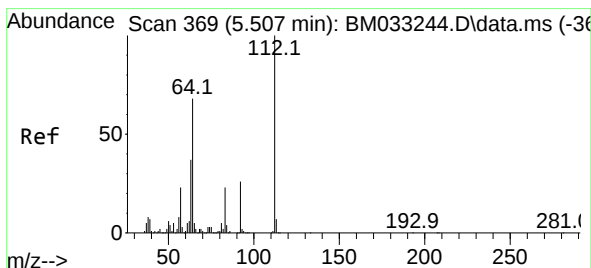
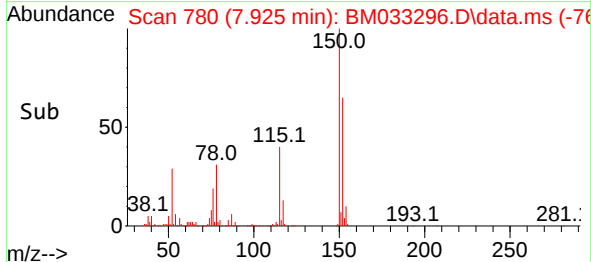
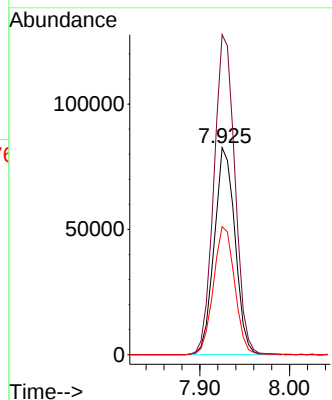
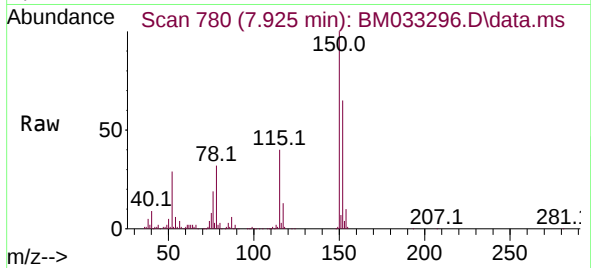




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

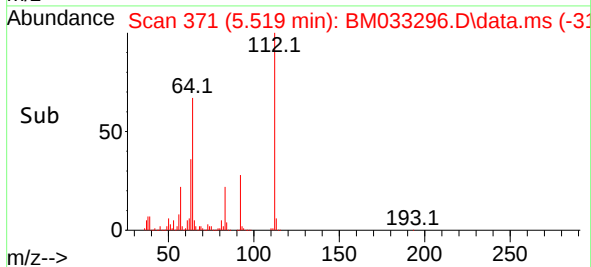
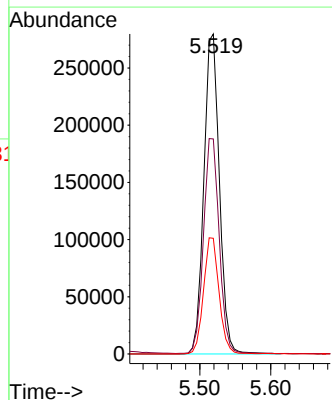
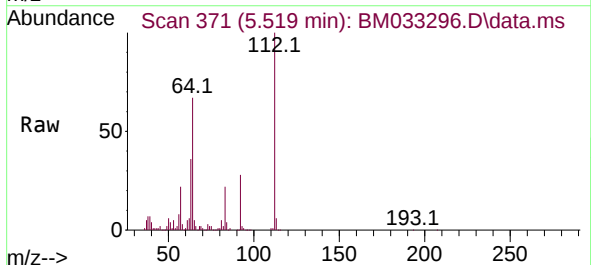
Instrument :
BNA_M
ClientSampleId :
MW-16R

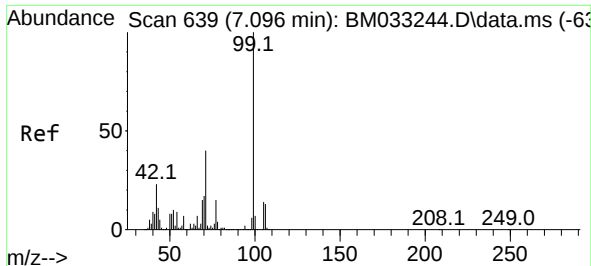
Tgt Ion:152 Resp: 132728
Ion Ratio Lower Upper
152 100
150 154.6 122.4 183.6
115 61.9 53.8 80.8



#5
2-Fluorophenol
Concen: 53.137 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

Tgt Ion:112 Resp: 427088
Ion Ratio Lower Upper
112 100
64 67.2 53.7 80.5
63 36.1 33.9 50.9

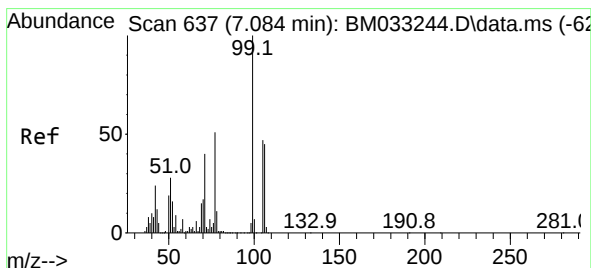
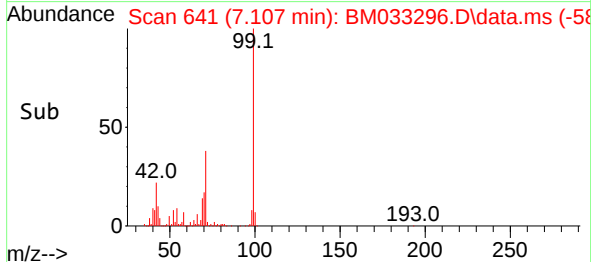
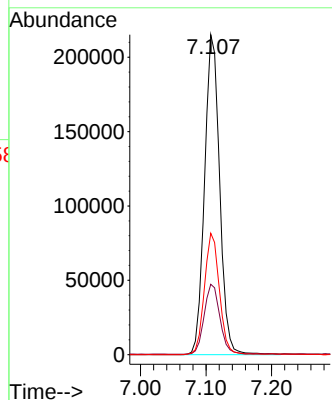
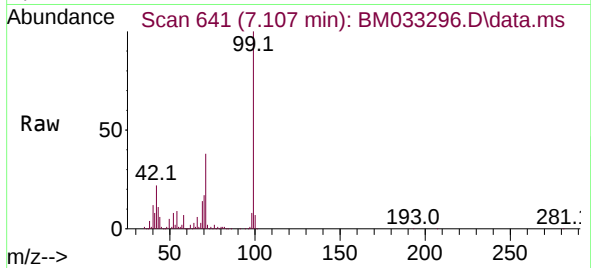




#7
Phenol-d6
Concen: 32.103 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

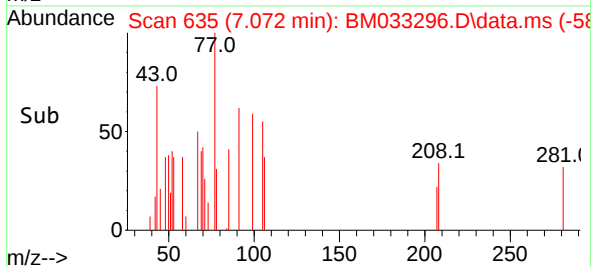
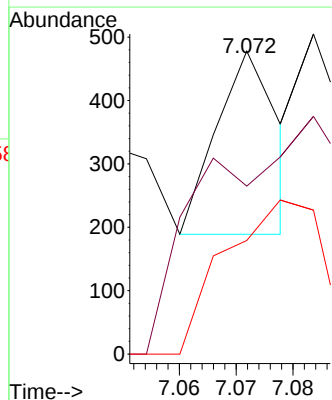
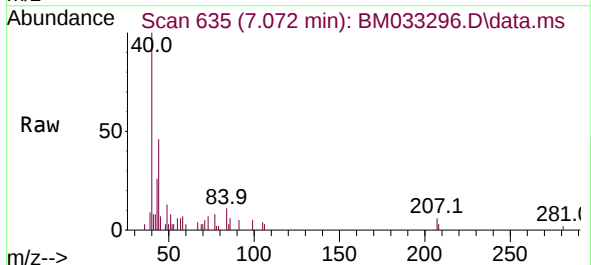
Instrument :
BNA_M
ClientSampleId :
MW-16R

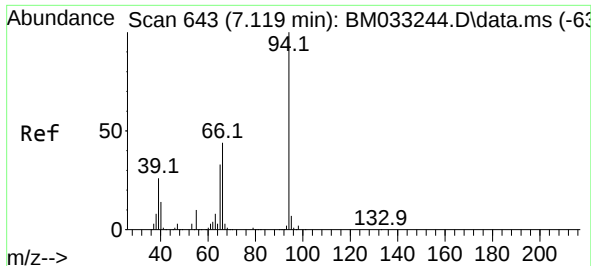
Tgt Ion: 99 Resp: 345571
Ion Ratio Lower Upper
99 100
42 22.0 23.0 34.6#
71 38.0 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 635
Delta R.T. -0.012 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

Tgt Ion: 77 Resp: 219
Ion Ratio Lower Upper
77 100
105 55.4 68.9 108.9#
106 37.4 61.2 101.2#

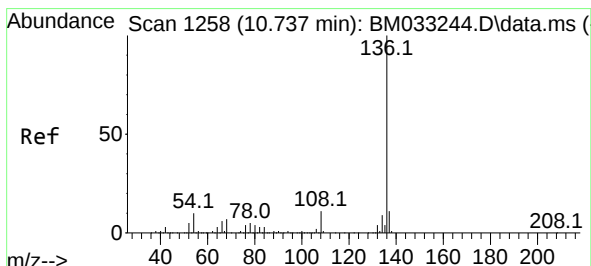
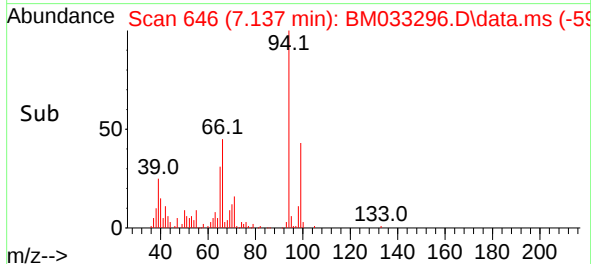
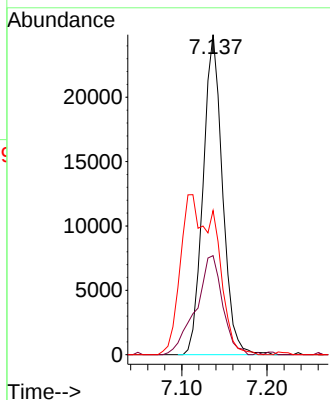
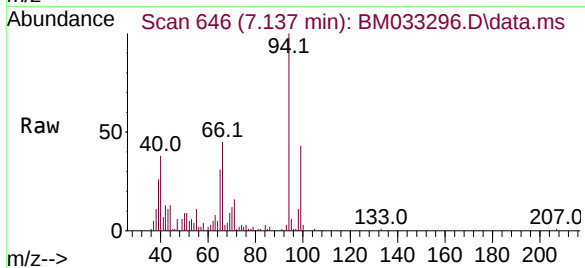




#10
Phenol
Concen: 3.618 ng
RT: 7.137 min Scan# 64
Delta R.T. 0.017 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

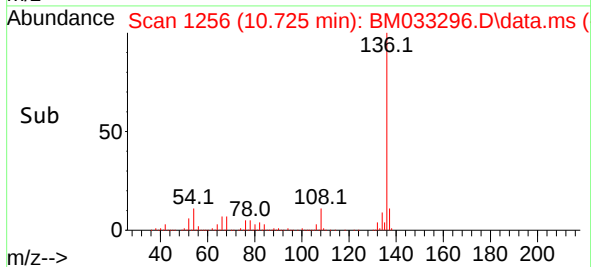
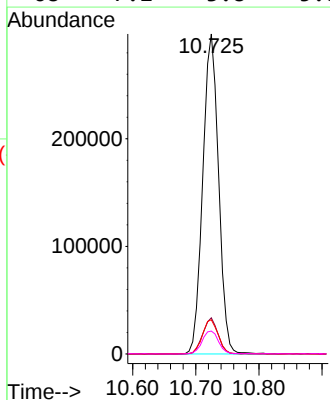
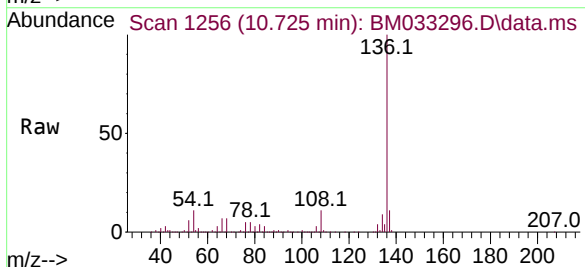
Instrument :
BNA_M
ClientSampleId :
MW-16R

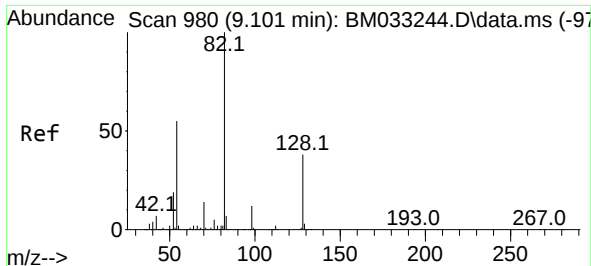
Tgt Ion: 94 Resp: 39391
Ion Ratio Lower Upper
94 100
65 31.0 16.9 56.9
66 45.1 30.0 70.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

Tgt Ion: 136 Resp: 515468
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.7 7.4 11.0
68 7.2 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 85.584 ng

RT: 9.089 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033296.D

Acq: 03 Dec 2021 21:02

Instrument :

BNA_M

ClientSampleId :

MW-16R

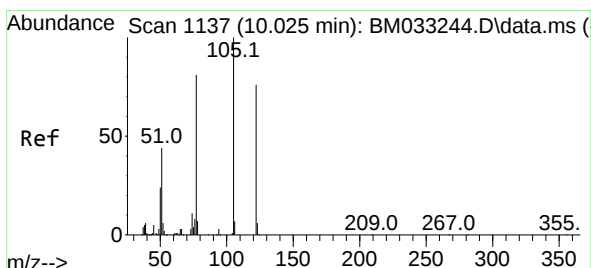
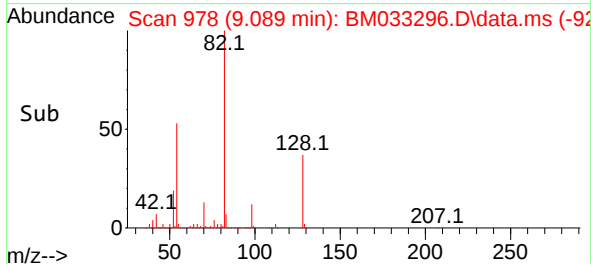
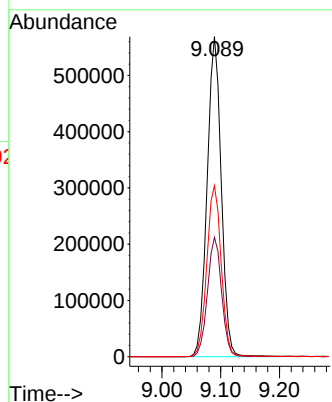
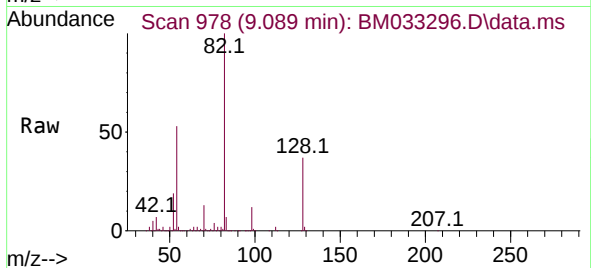
Tgt Ion: 82 Resp: 950289

Ion Ratio Lower Upper

82 100

128 37.3 29.0 43.6

54 53.4 45.8 68.8



#32

Benzoic acid

Concen: 5.315 ng

RT: 9.978 min Scan# 1129

Delta R.T. -0.047 min

Lab File: BM033296.D

Acq: 03 Dec 2021 21:02

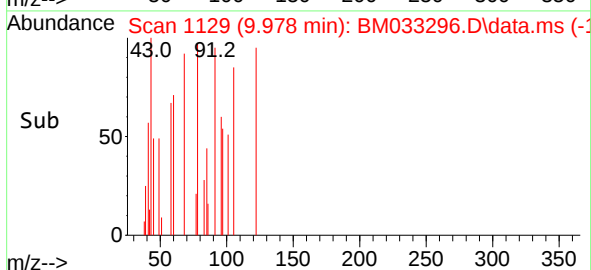
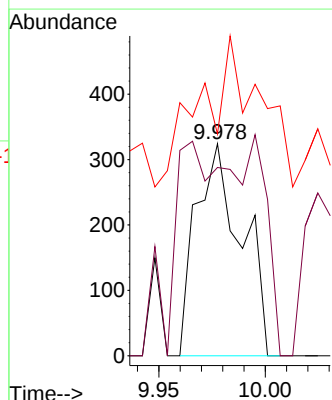
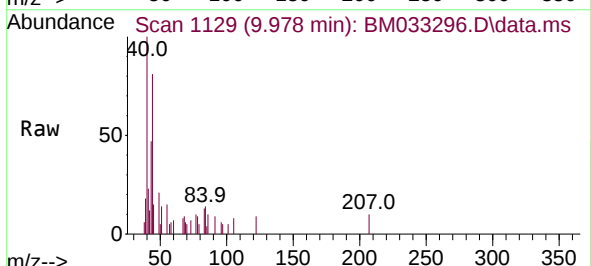
Tgt Ion: 122 Resp: 481

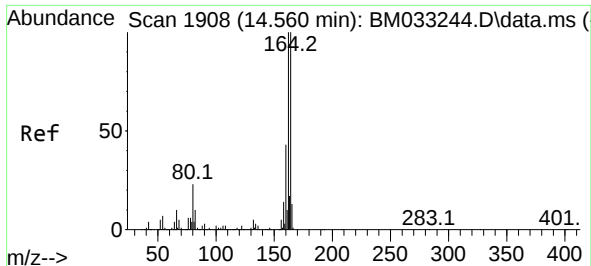
Ion Ratio Lower Upper

122 100

105 88.9 120.3 160.3#

77 104.6 100.0 140.0

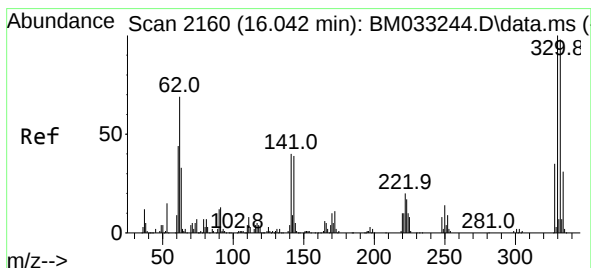
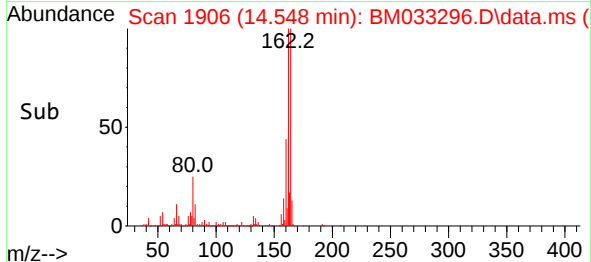
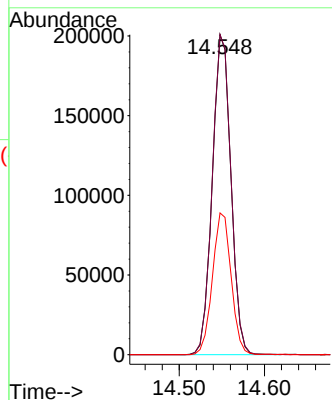
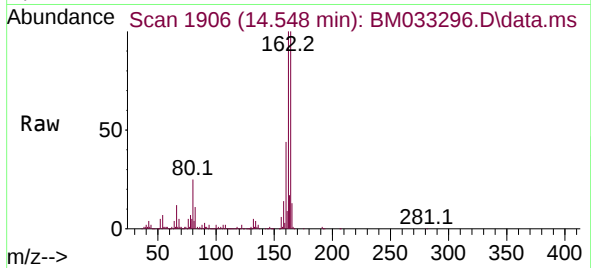




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

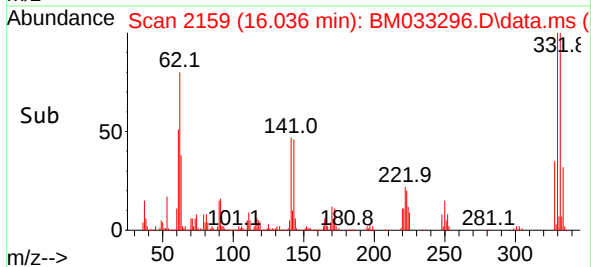
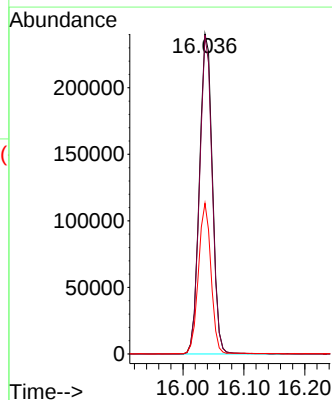
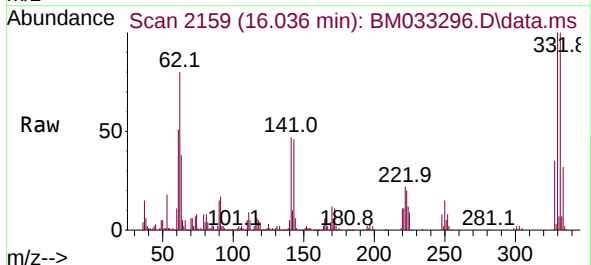
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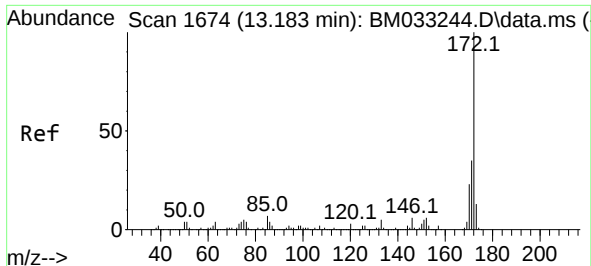
Tgt Ion:164 Resp: 304235
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.3 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 106.534 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

Tgt Ion:330 Resp: 353314
Ion Ratio Lower Upper
330 100
332 97.0 75.7 113.5
141 45.8 50.7 76.1#

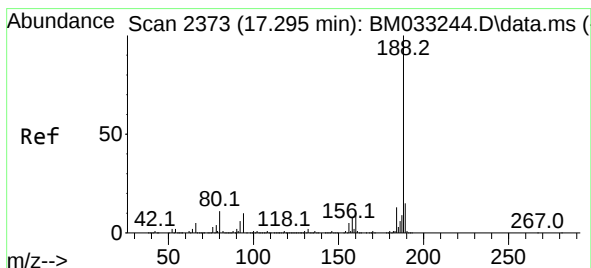
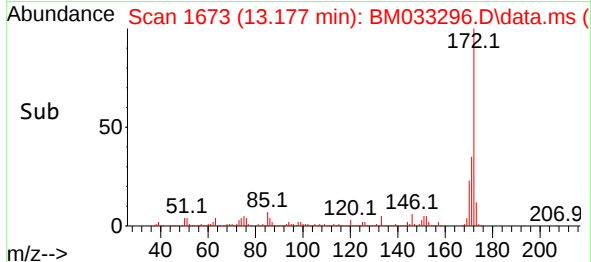
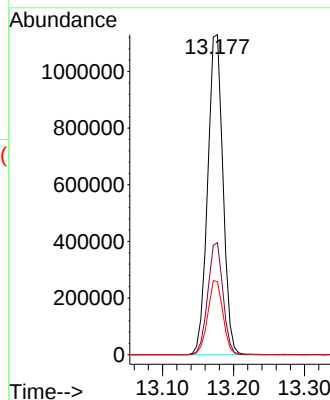
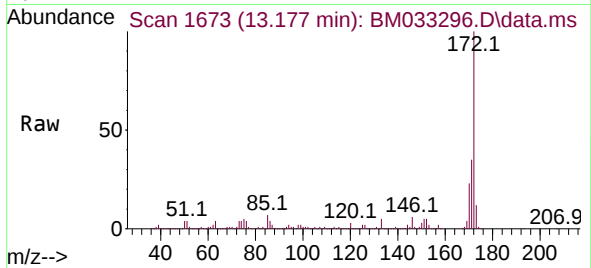




#45
2-Fluorobiphenyl
Concen: 78.394 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

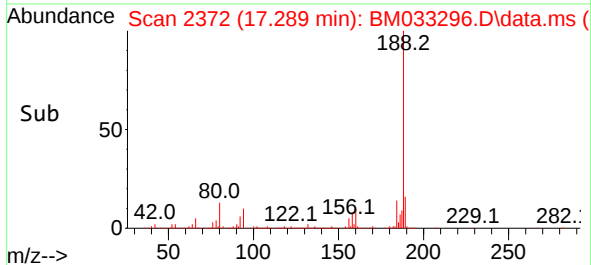
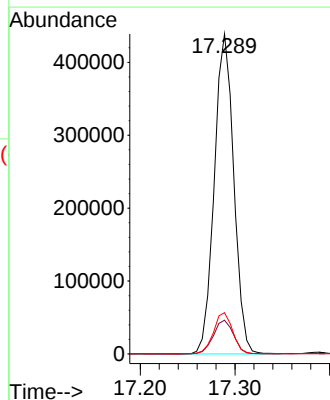
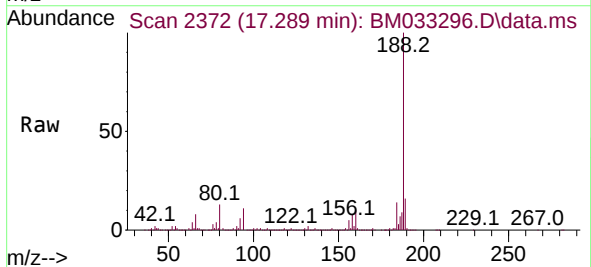
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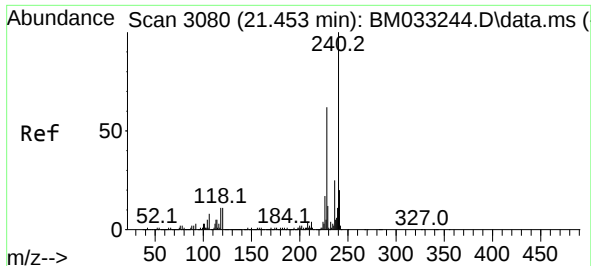
Tgt Ion:172 Resp: 1691137
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

Tgt Ion:188 Resp: 627515
Ion Ratio Lower Upper
188 100
94 10.5 6.3 9.5#
80 12.9 7.3 10.9#

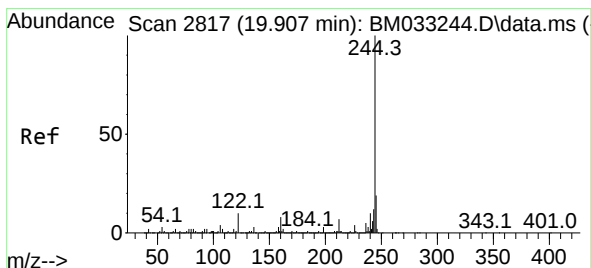
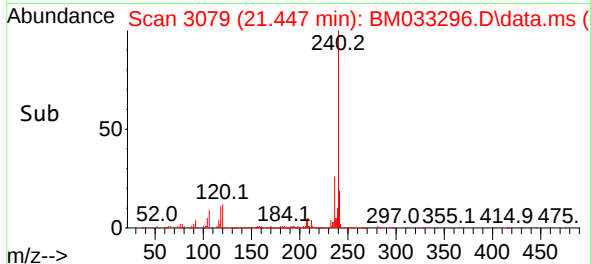
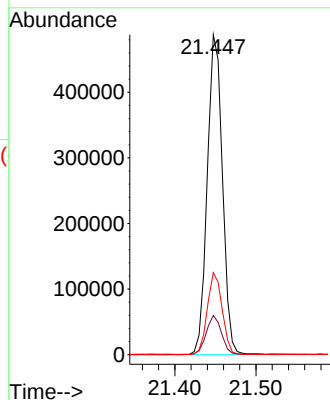
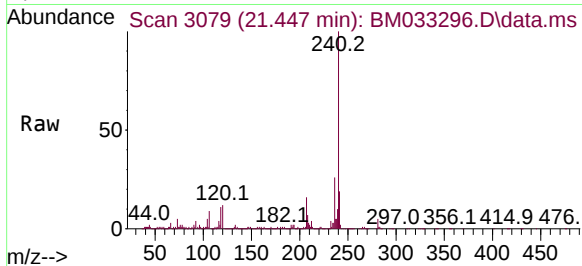




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

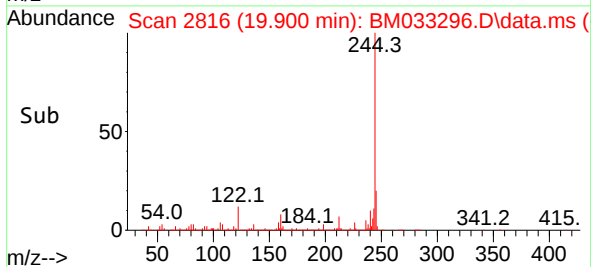
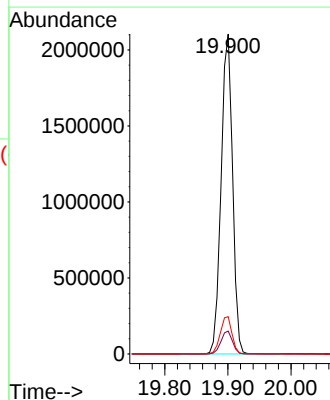
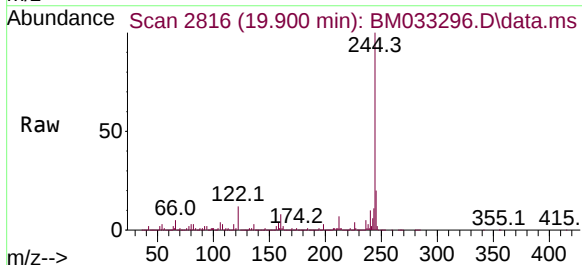
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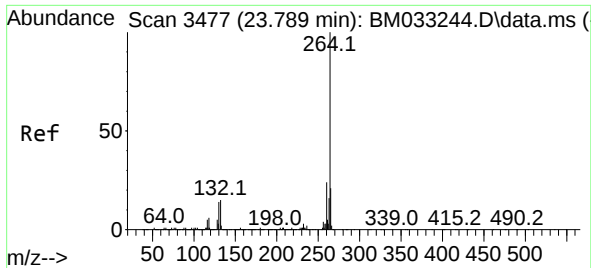
Tgt Ion:240 Resp: 632344
Ion Ratio Lower Upper
240 100
120 12.3 7.8 11.6#
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 82.575 ng
RT: 19.900 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033296.D
Acq: 03 Dec 2021 21:02

Tgt Ion:244 Resp: 2640657
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 11.7 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.783 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM033296.D
 Acq: 03 Dec 2021 21:02

Instrument :
 BNA_M
 ClientSampleId :
 MW-16R

Tgt Ion:264 Resp: 643486
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.9 18.3 27.5

