

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033301.D
 Acq On : 04 Dec 2021 00:01
 Operator : CG/JU
 Sample : M4917-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-28

Quant Time: Dec 06 00:51:58 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)

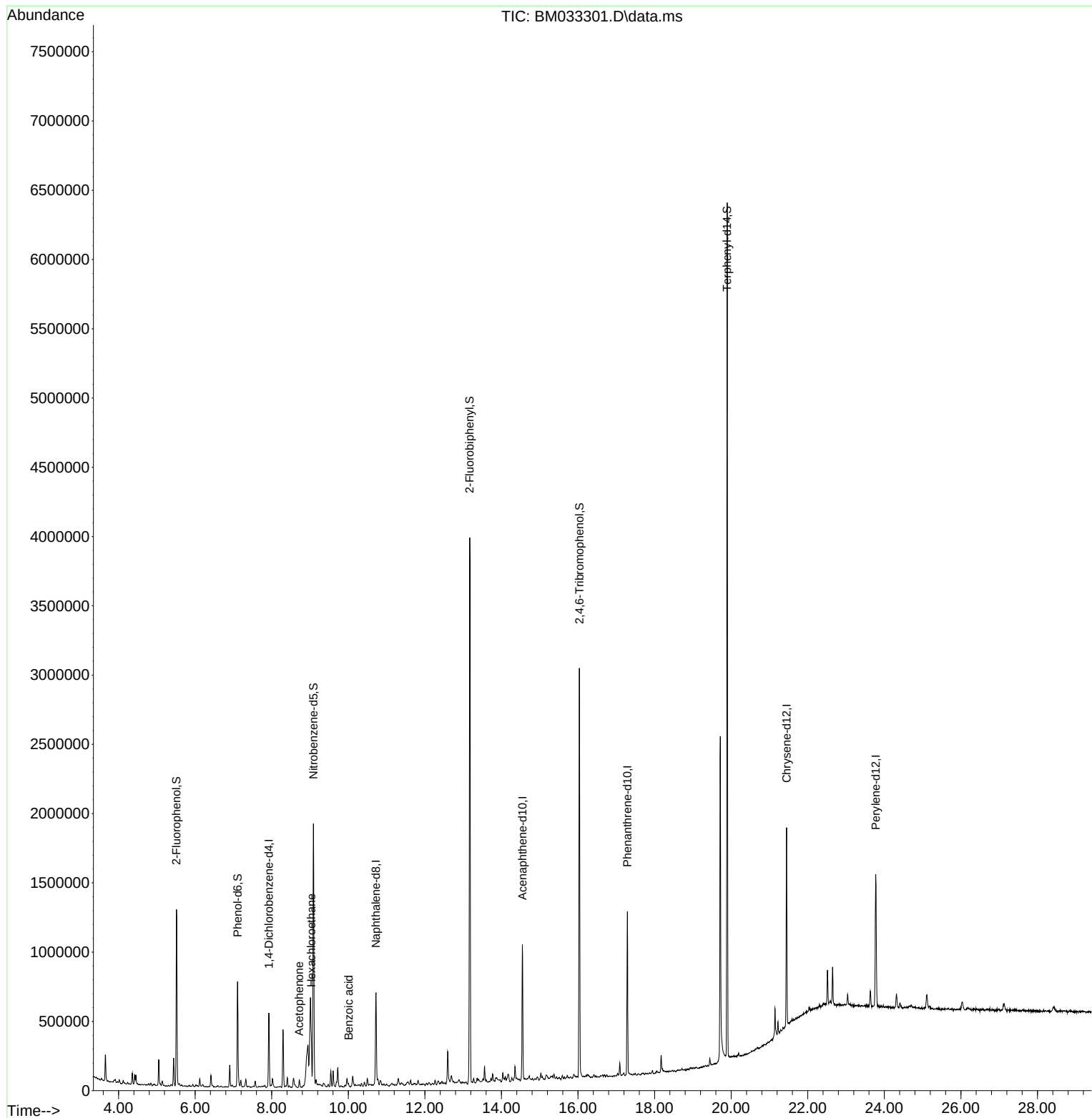
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	138154	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	536958	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	326078	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	663449	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	658689	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	663372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	504806	60.340	ng	0.00
7) Phenol-d6	7.107	99	401021	35.791	ng	0.01
23) Nitrobenzene-d5	9.090	82	1068809	92.405	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	433434	121.938	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1956304	84.611	ng	-0.01
79) Terphenyl-d14	19.895	244	2725353	81.815	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.072	77	627	Below Cal	#	1
18) Hexachloroethane	9.031	117	18215	4.792	ng	# 1
22) Acetophenone	8.719	105	35874	2.596	ng	# 55
32) Benzoic acid	10.013	122	396	5.294	ng	# 36

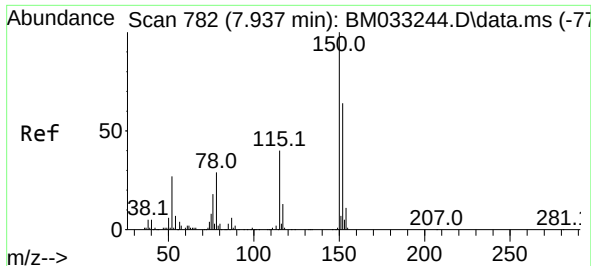
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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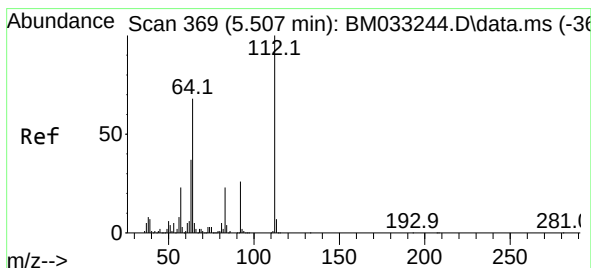
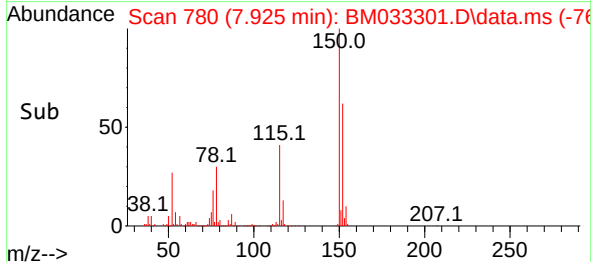
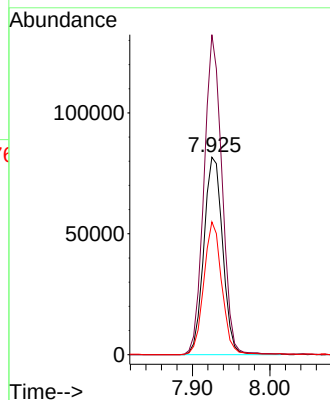
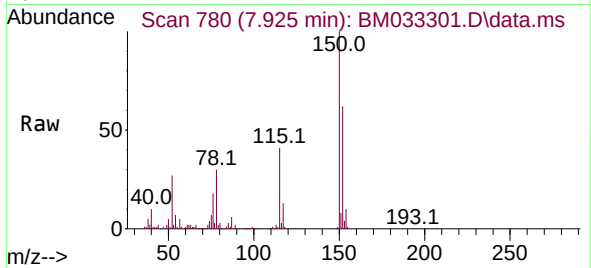




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

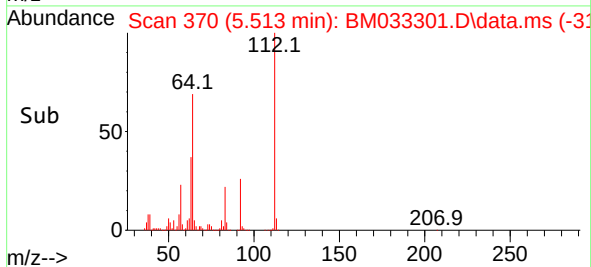
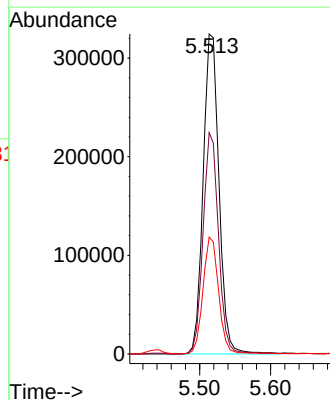
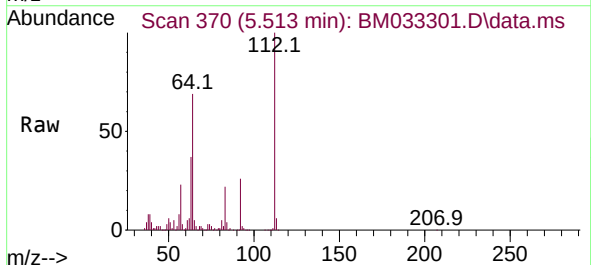
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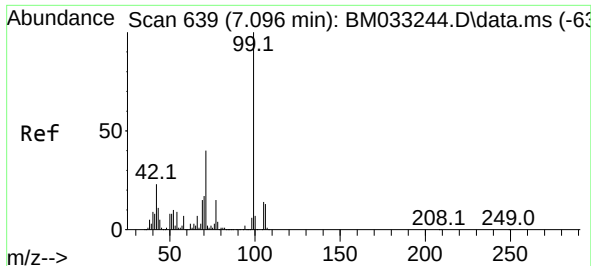
Tgt Ion:152 Resp: 138154
Ion Ratio Lower Upper
152 100
150 162.1 122.4 183.6
115 67.2 53.8 80.8



#5
2-Fluorophenol
Concen: 60.340 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion:112 Resp: 504806
Ion Ratio Lower Upper
112 100
64 69.2 53.7 80.5
63 36.5 33.9 50.9

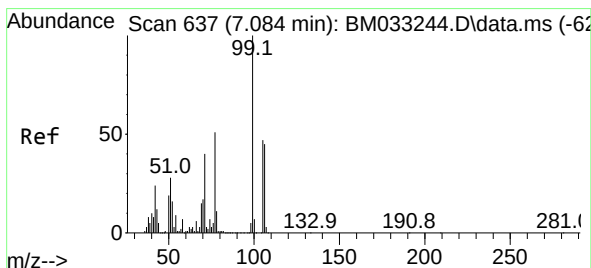
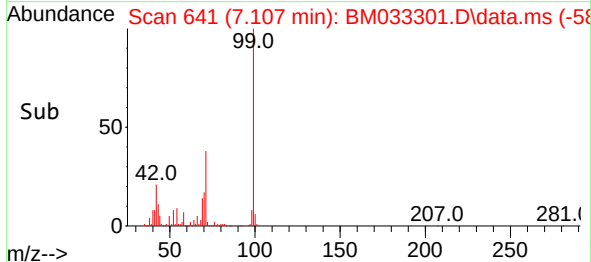
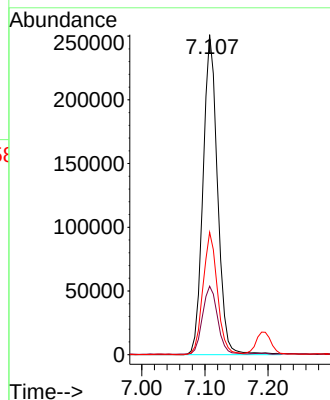
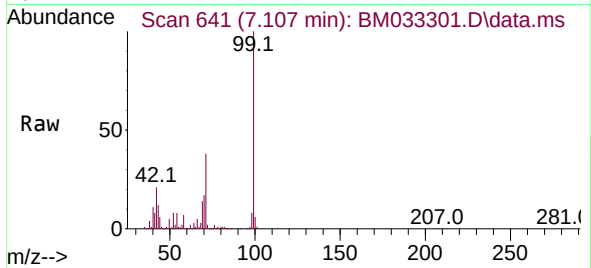




#7
Phenol-d6
Concen: 35.791 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

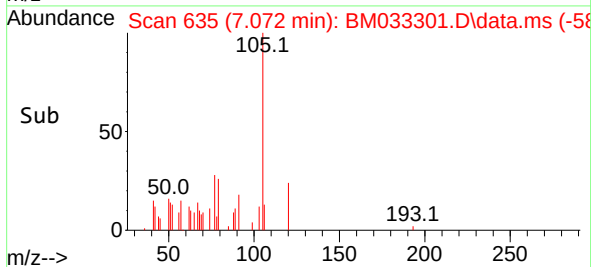
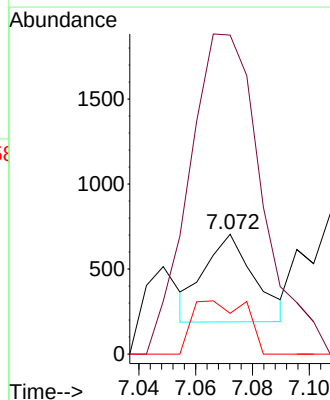
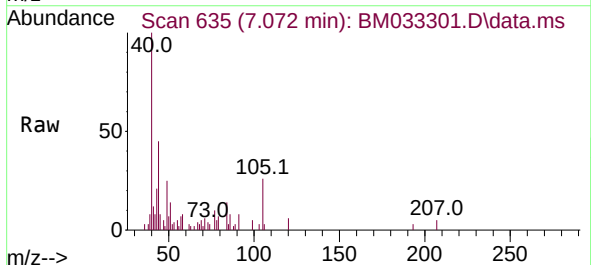
Instrument :
BNA_M
ClientSampleId :
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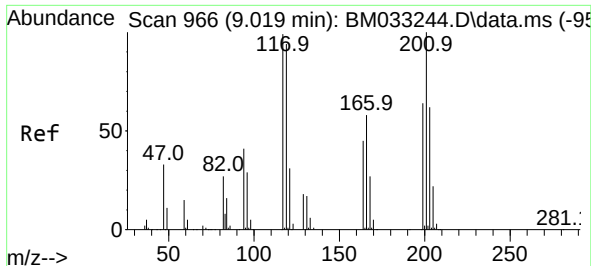
Tgt Ion: 99 Resp: 401021
Ion Ratio Lower Upper
99 100
42 21.4 23.0 34.6#
71 38.2 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 635
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion: 77 Resp: 627
Ion Ratio Lower Upper
77 100
105 266.1 68.9 108.9#
106 34.0 61.2 101.2#

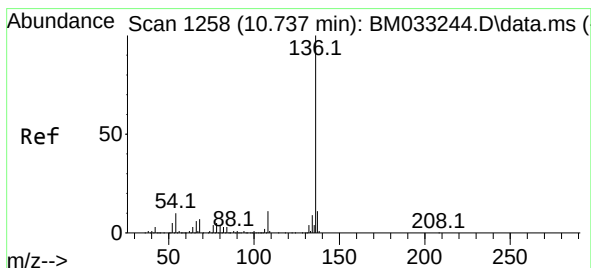
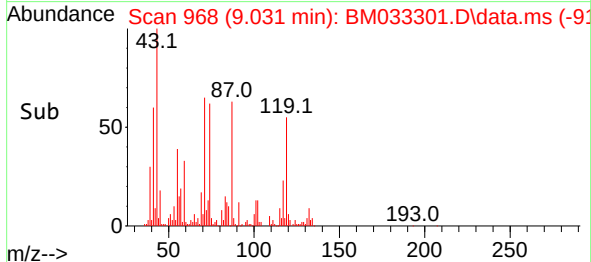
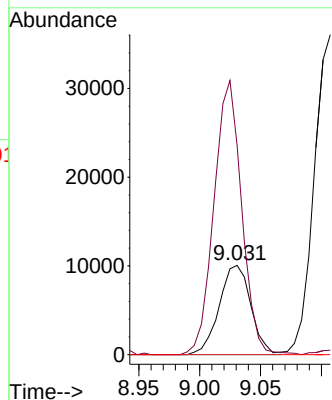
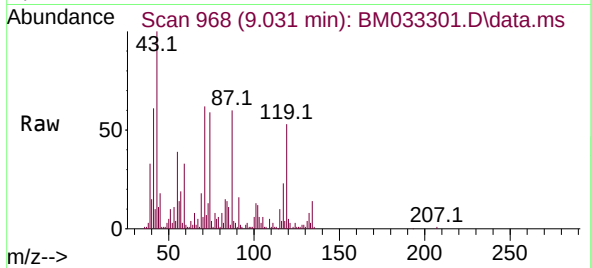




#18
Hexachloroethane
Concen: 4.792 ng
RT: 9.031 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

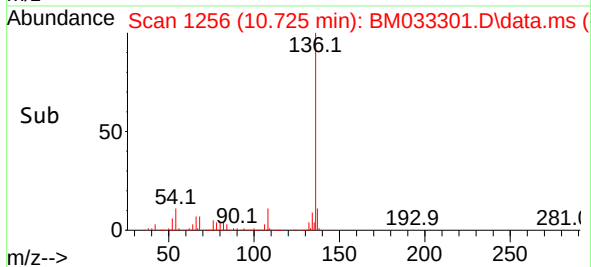
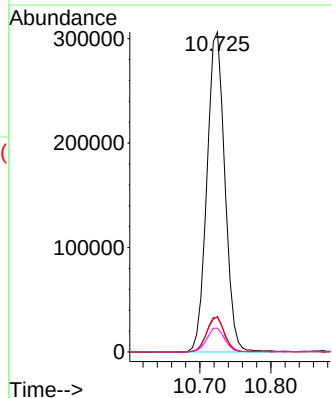
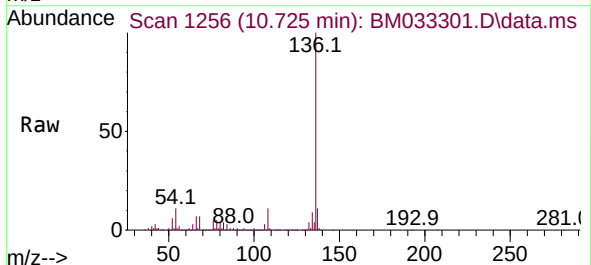
Instrument :
BNA_M
ClientSampleId :
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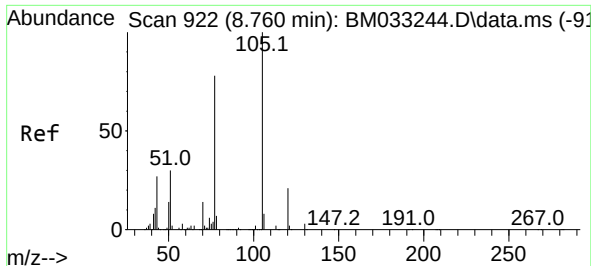
Tgt Ion:117 Resp: 18215
Ion Ratio Lower Upper
117 100
119 233.7 77.7 116.5#
201 0.0 70.2 105.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion:136 Resp: 536958
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.8 7.4 11.0
68 7.4 3.8 5.8#

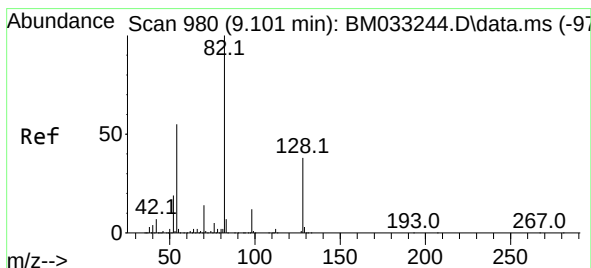
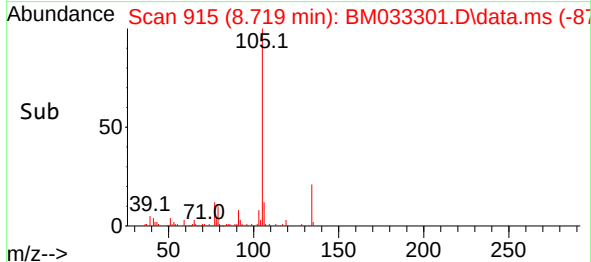
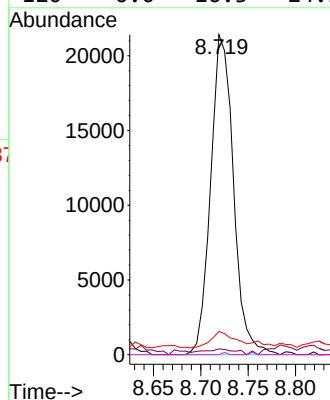
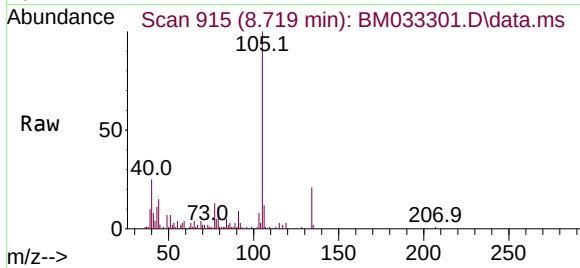




#22
Acetophenone
Concen: 2.596 ng
RT: 8.719 min Scan# 915
Delta R.T. -0.041 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

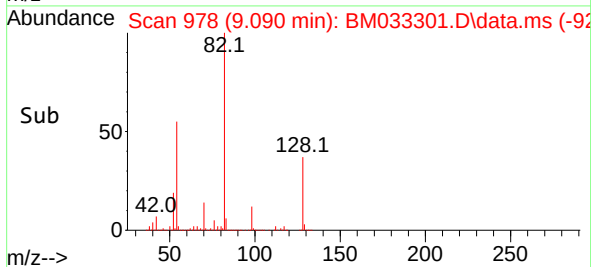
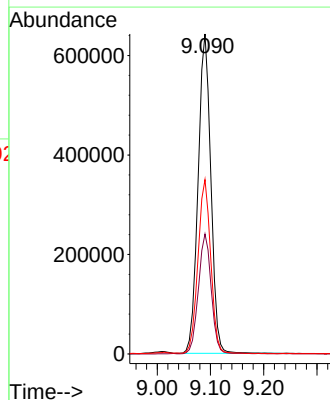
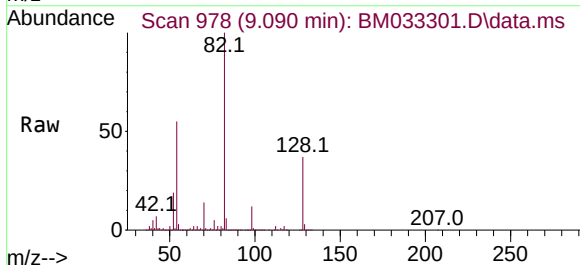
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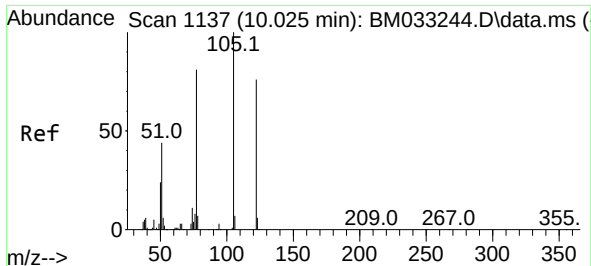
Tgt Ion:105 Resp: 35874
Ion Ratio Lower Upper
105 100
71 1.8 3.8 5.6#
51 7.3 29.5 44.3#
120 0.0 16.3 24.5#



#23
Nitrobenzene-d5
Concen: 92.405 ng
RT: 9.090 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion: 82 Resp: 1068809
Ion Ratio Lower Upper
82 100
128 37.5 29.0 43.6
54 54.5 45.8 68.8

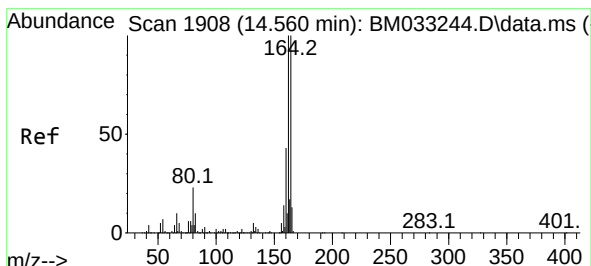
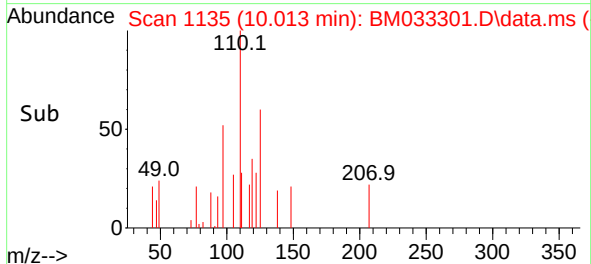
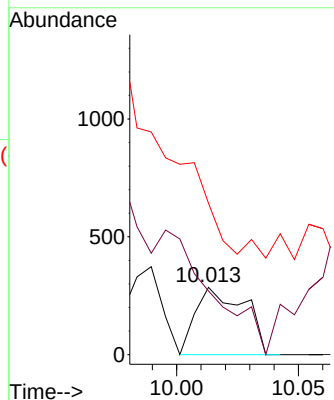
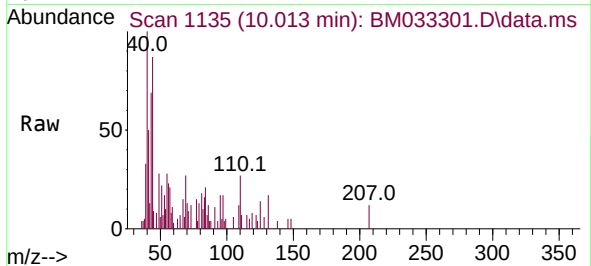




#32
Benzoic acid
Concen: 5.294 ng
RT: 10.013 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

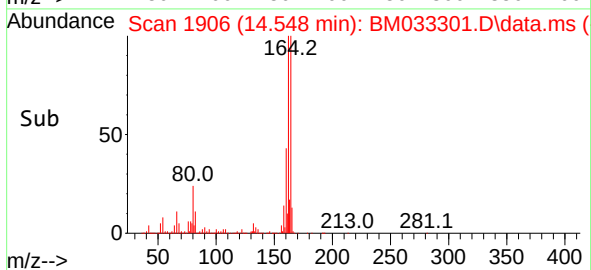
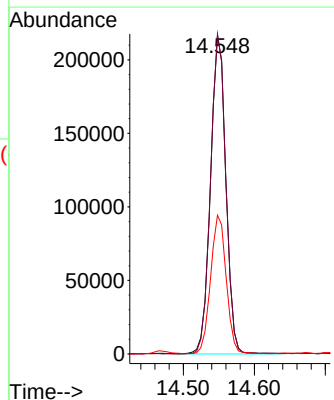
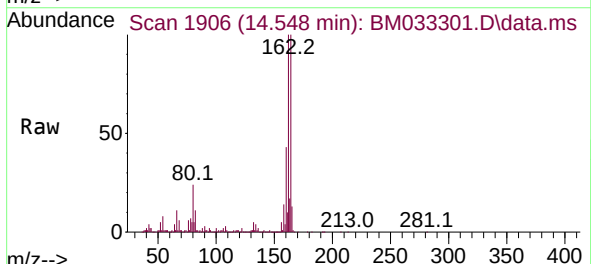
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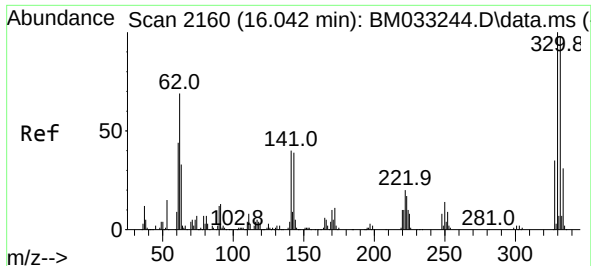
Tgt Ion:122 Resp: 396
Ion Ratio Lower Upper
122 100
105 94.4 120.3 160.3#
77 224.5 100.0 140.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion:164 Resp: 326078
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 43.6 35.1 52.7

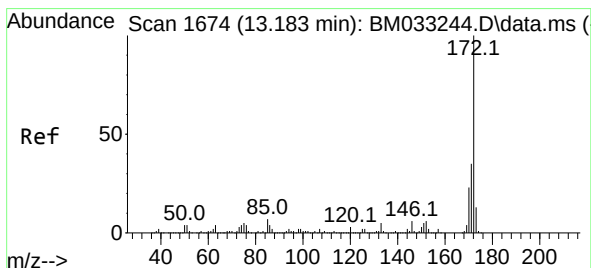
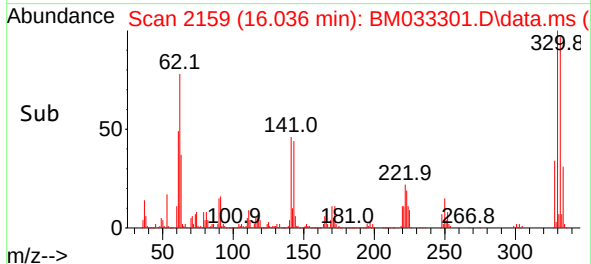
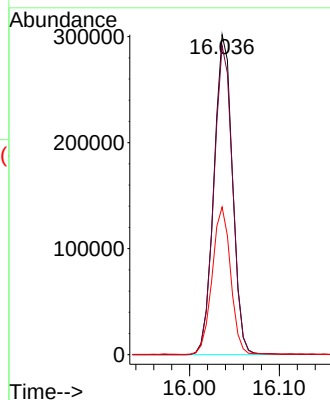
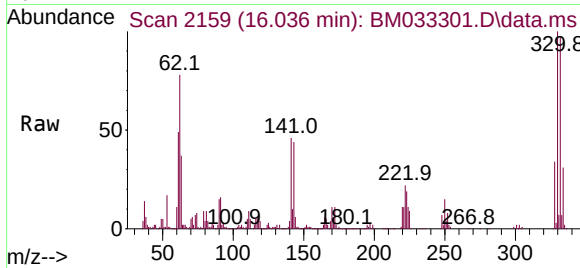




#42
2,4,6-Tribromophenol
Concen: 121.938 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

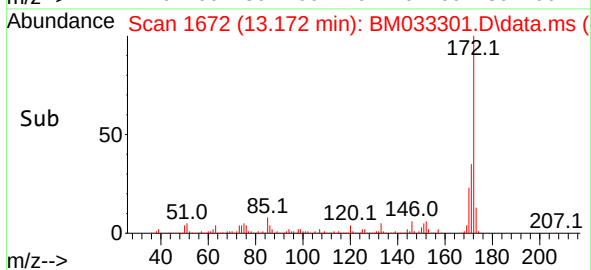
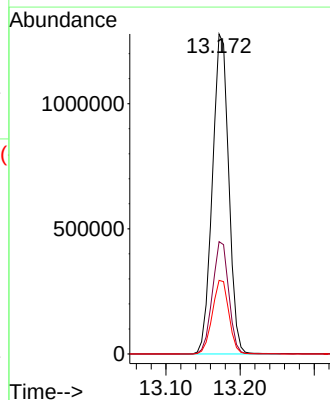
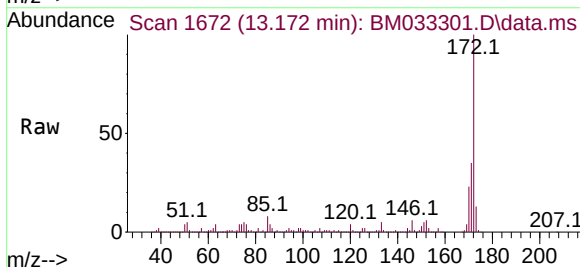
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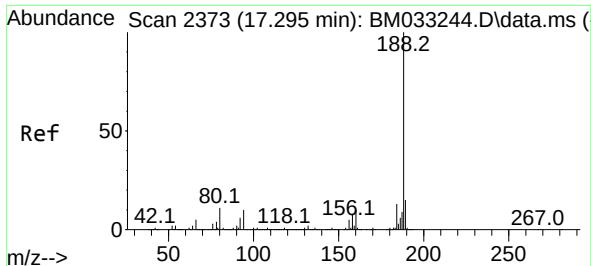
Tgt Ion:330 Resp: 433434
Ion Ratio Lower Upper
330 100
332 97.2 75.7 113.5
141 45.7 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 84.611 ng
RT: 13.172 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion:172 Resp: 1956304
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.0 18.6 27.8

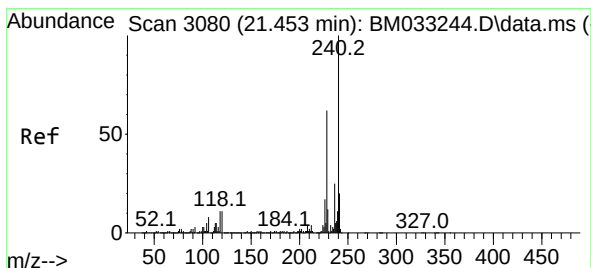
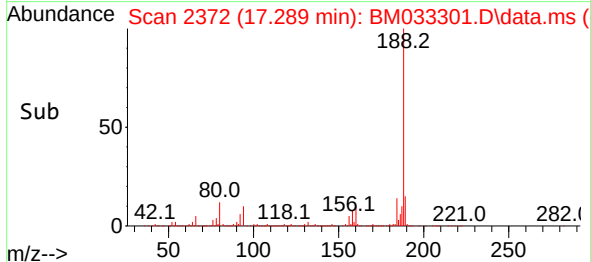
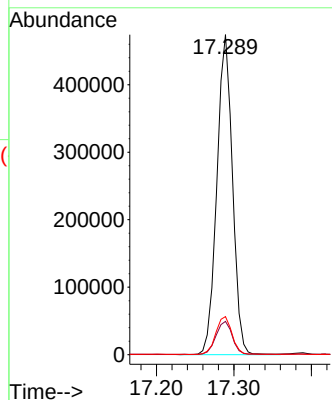
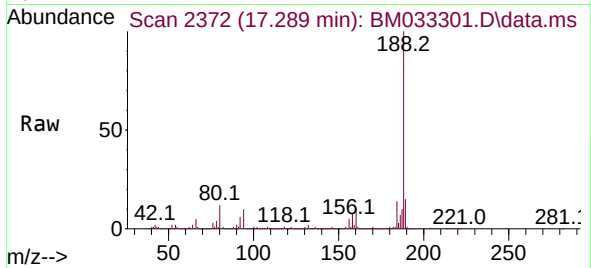




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

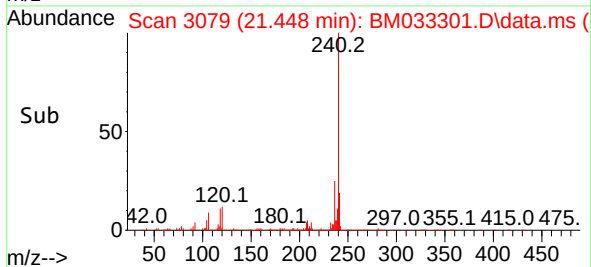
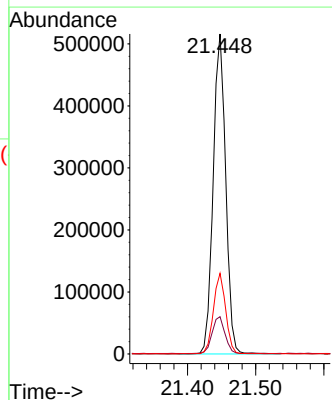
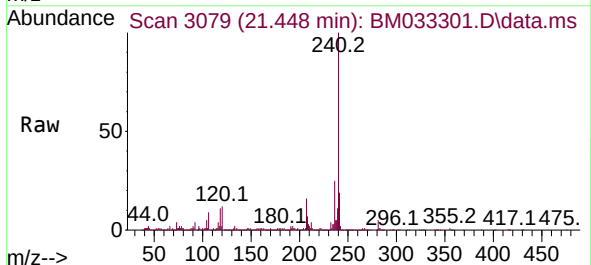
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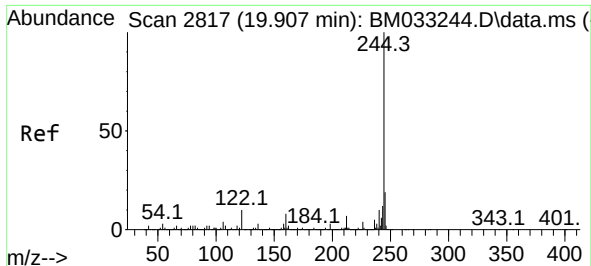
Tgt Ion:188 Resp: 663449
Ion Ratio Lower Upper
188 100
94 10.4 6.3 9.5#
80 11.9 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033301.D
Acq: 04 Dec 2021 00:01

Tgt Ion:240 Resp: 658689
Ion Ratio Lower Upper
240 100
120 11.7 7.8 11.6#
236 25.2 20.9 31.3

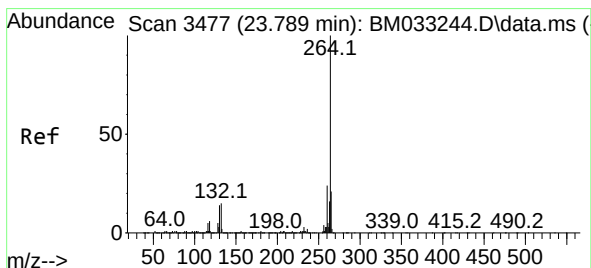
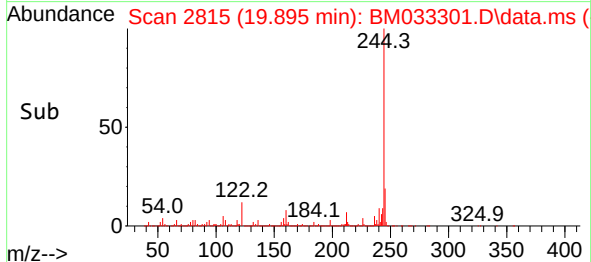
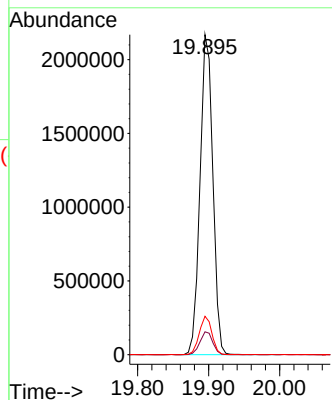
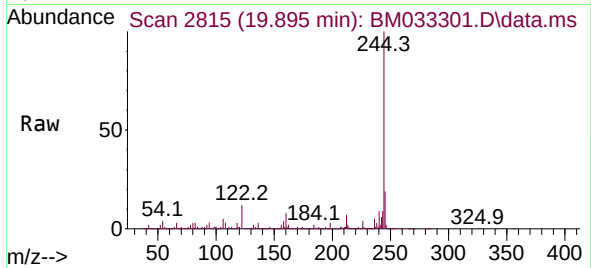




#79
 Terphenyl-d14
 Concen: 81.815 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033301.D
 Acq: 04 Dec 2021 00:01

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 2725353
 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: BM033301.D
 Acq: 04 Dec 2021 00:01

Tgt Ion:264 Resp: 663372
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 22.2 18.3 27.5

