

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033421.D
 Acq On : 11 Dec 2021 20:30
 Operator : CG/JU
 Sample : M4990-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

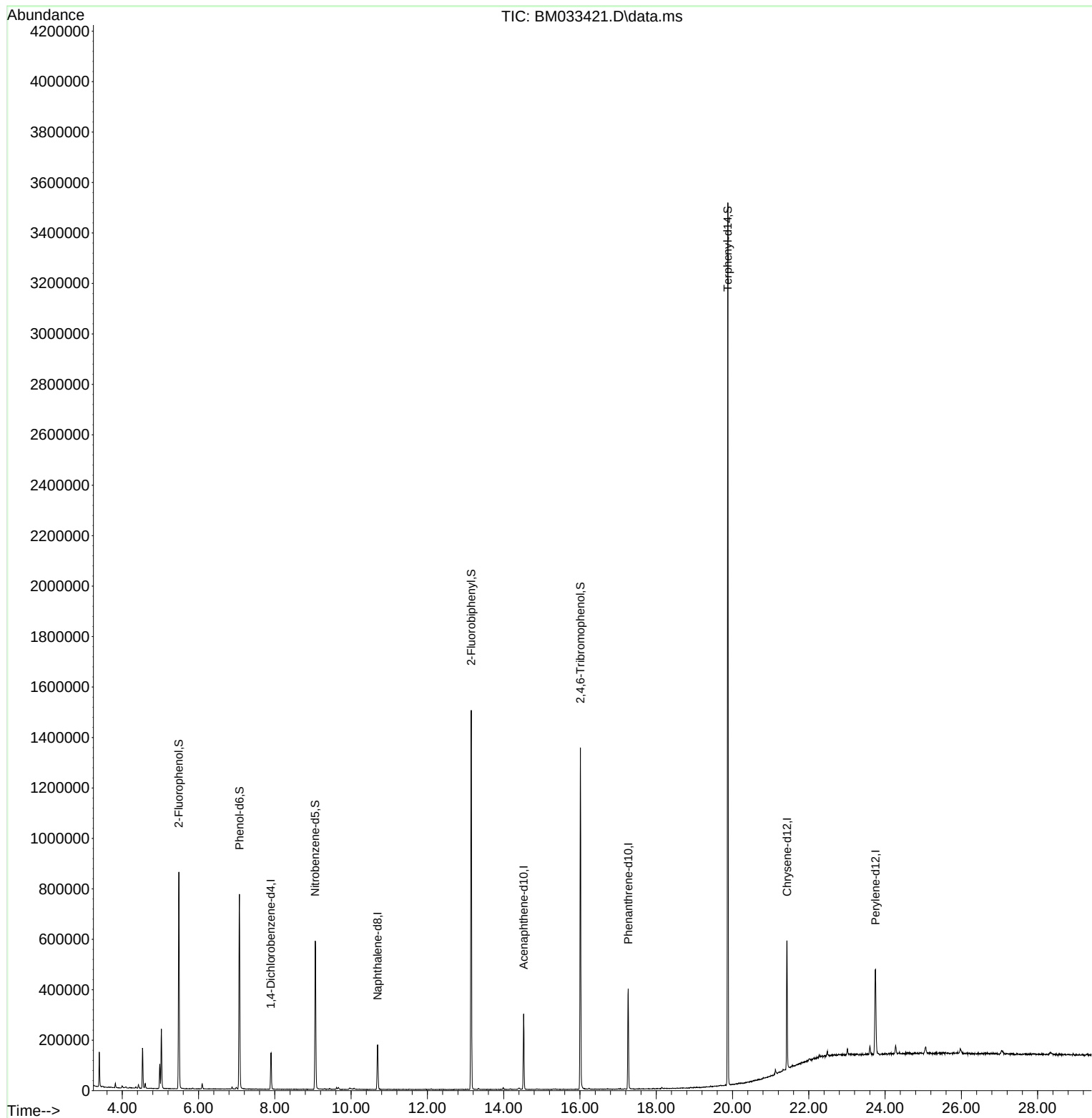
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	34524	20.000	ng	-0.02
21) Naphthalene-d8	10.696	136	133813	20.000	ng	#-0.01
39) Acenaphthene-d10	14.525	164	95793	20.000	ng	-0.01
64) Phenanthrene-d10	17.266	188	228763	20.000	ng	#-0.01
76) Chrysene-d12	21.430	240	257665	20.000	ng	#-0.01
86) Perylene-d12	23.748	264	257358	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	286302	136.046	ng	-0.01
7) Phenol-d6	7.072	99	349097	118.971	ng	-0.02
23) Nitrobenzene-d5	9.060	82	316192	100.331	ng	-0.02
42) 2,4,6-Tribromophenol	16.013	330	193628	188.957	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	694935	100.348	ng	-0.01
79) Terphenyl-d14	19.877	244	1394203	100.247	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.072	77	1175	Below Cal	Qvalue #	7

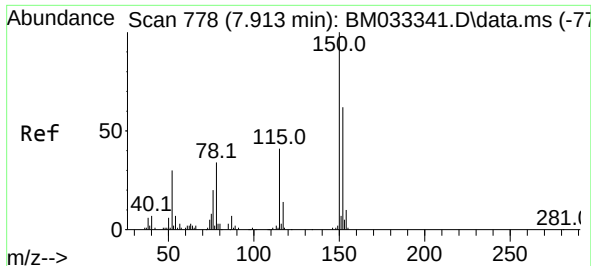
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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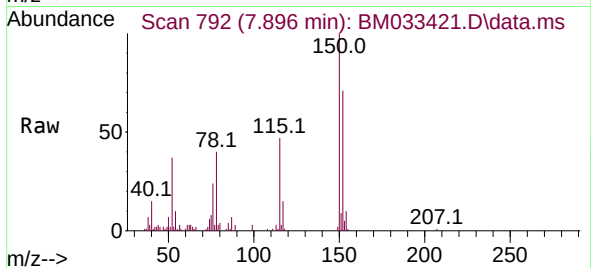
Quant Time: Dec 12 00:09:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 07:11:07 2021
Response via : Initial Calibration



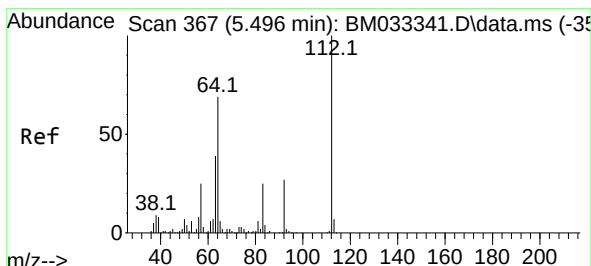
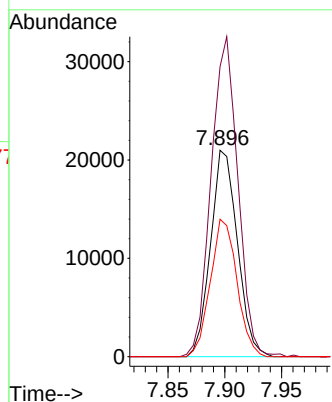
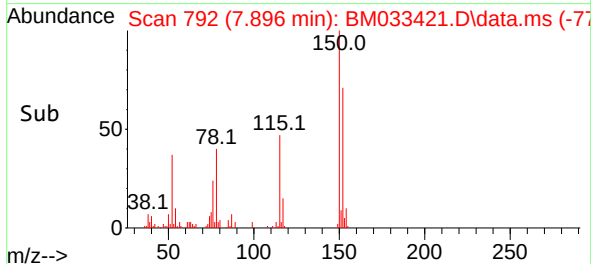


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.896 min Scan# 791
Delta R.T. -0.017 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Instrument :
BNA_M
ClientSampleId :

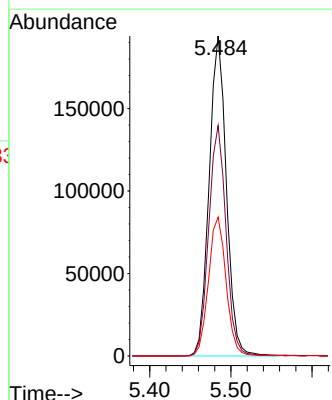
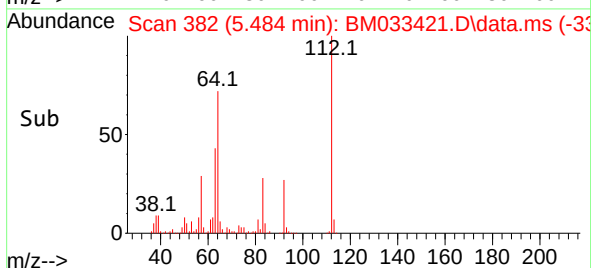
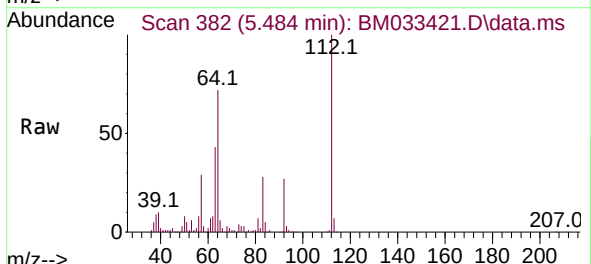


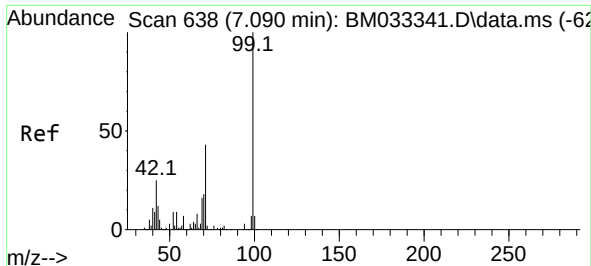
Tgt Ion:152 Resp: 34524
Ion Ratio Lower Upper
152 100
150 140.5 128.9 193.3
115 66.6 53.0 79.6



#5
2-Fluorophenol
Concen: 136.046 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Tgt Ion:112 Resp: 286302
Ion Ratio Lower Upper
112 100
64 72.0 55.5 83.3
63 43.4 31.3 46.9

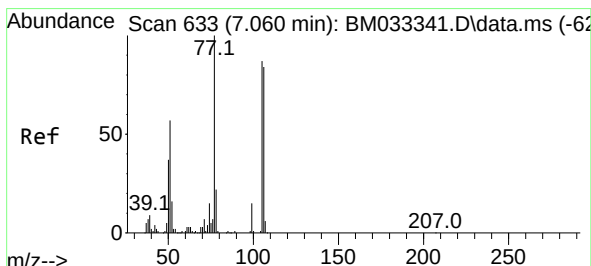
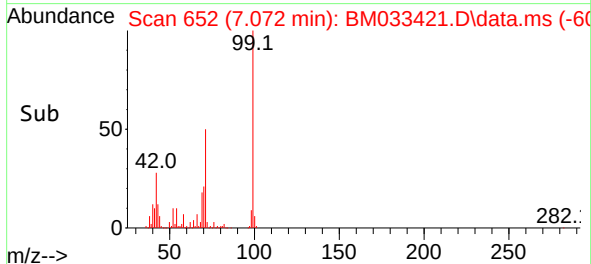
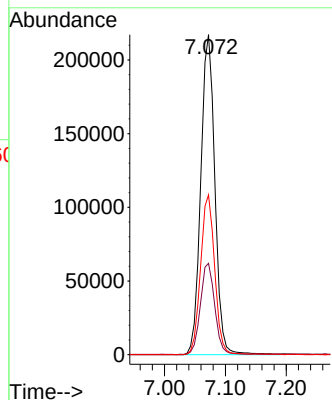
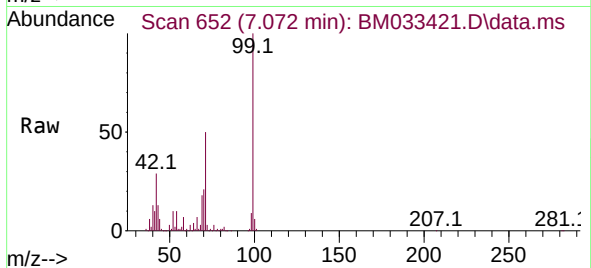




#7
Phenol-d6
Concen: 118.971 ng
RT: 7.072 min Scan# 611
Delta R.T. -0.017 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

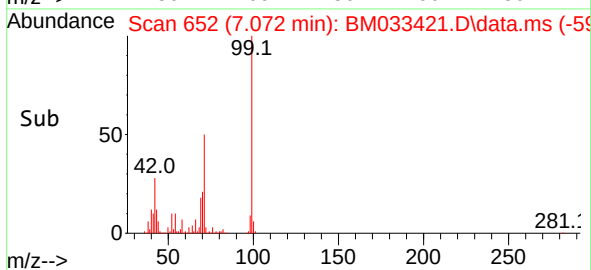
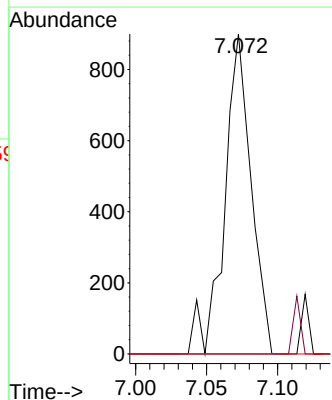
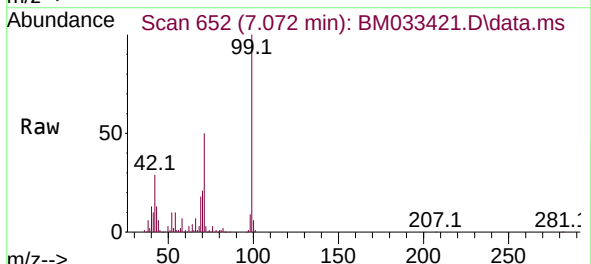
Instrument :
BNA_M
ClientSampleId :

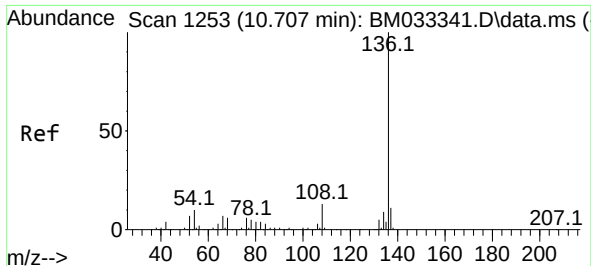
Tgt Ion: 99 Resp: 349097
Ion Ratio Lower Upper
99 100
42 28.6 20.3 30.5
71 50.0 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 652
Delta R.T. 0.012 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

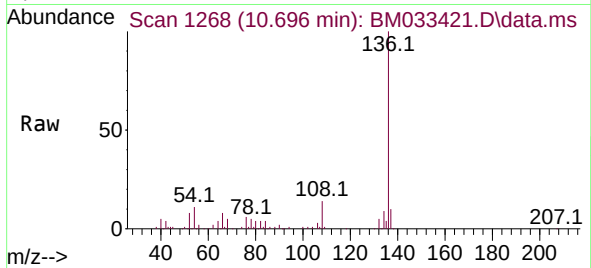
Tgt Ion: 77 Resp: 1175
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



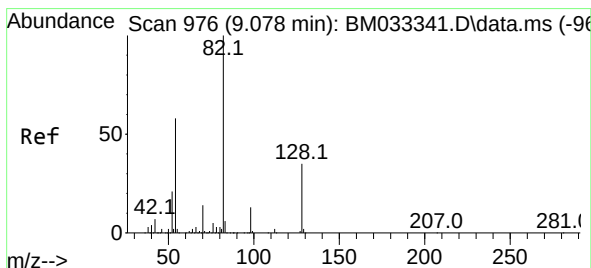
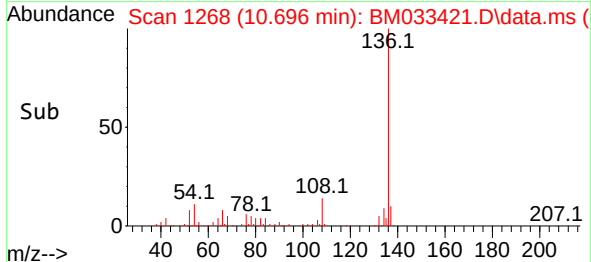
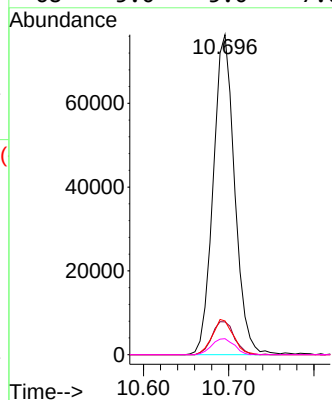


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.696 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Instrument :
BNA_M
ClientSampleId :

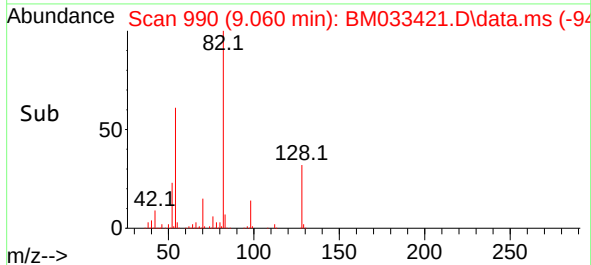
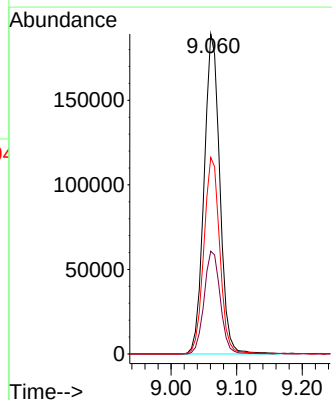
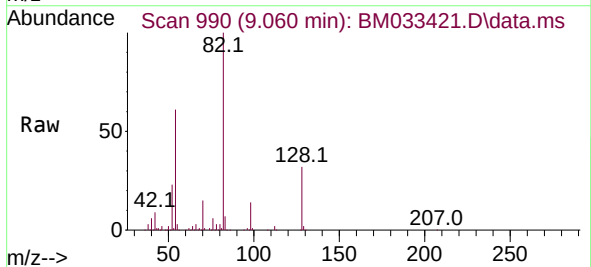


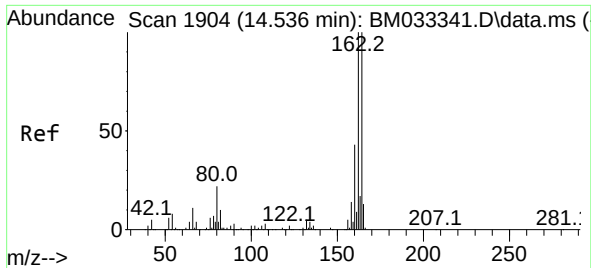
Tgt Ion:136 Resp: 133813
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 10.5 8.3 12.5
68 5.0 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 100.331 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.017 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Tgt Ion: 82 Resp: 316192
Ion Ratio Lower Upper
82 100
128 32.1 28.1 42.1
54 61.4 46.1 69.1

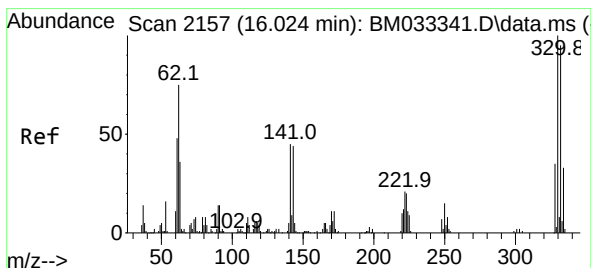
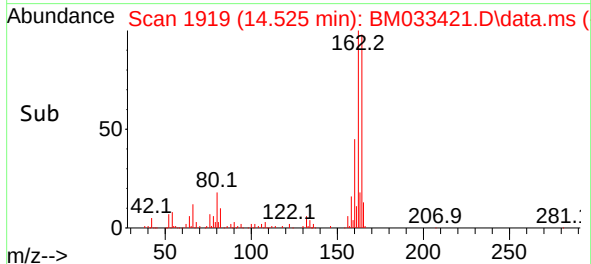
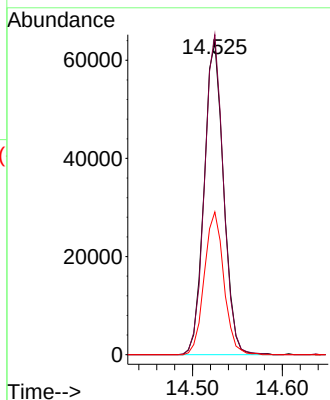
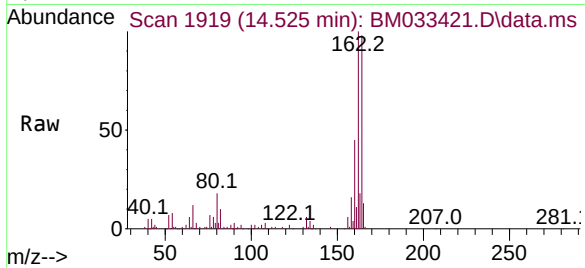




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.525 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

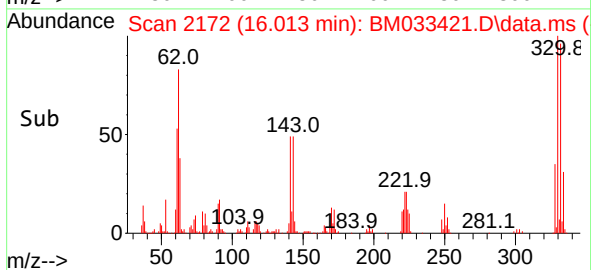
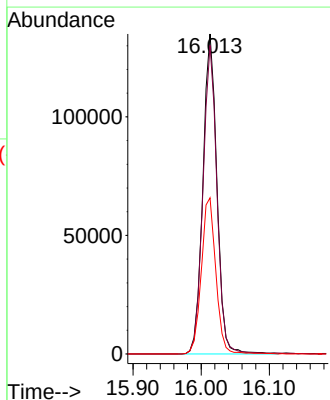
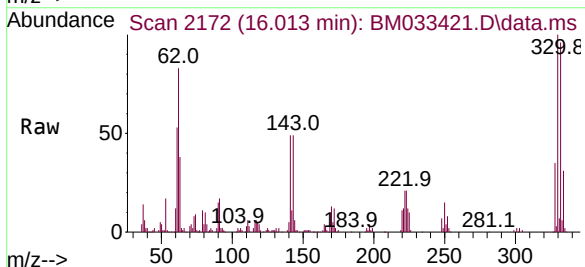
Instrument :
BNA_M
ClientSampleId :

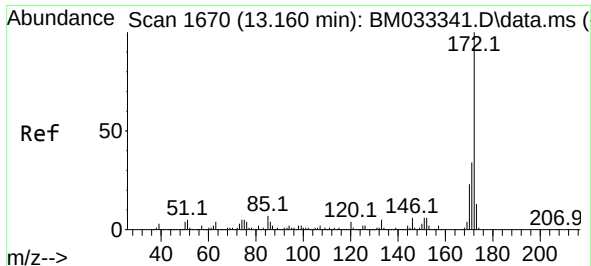
Tgt Ion:164 Resp: 95793
Ion Ratio Lower Upper
164 100
162 102.5 79.7 119.5
160 45.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 188.957 ng
RT: 16.013 min Scan# 2172
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

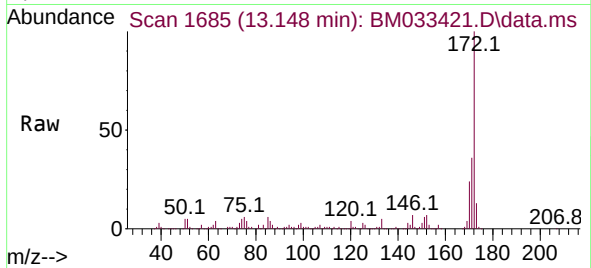
Tgt Ion:330 Resp: 193628
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 50.5 35.9 53.9



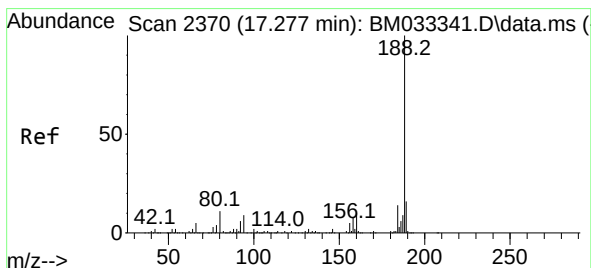
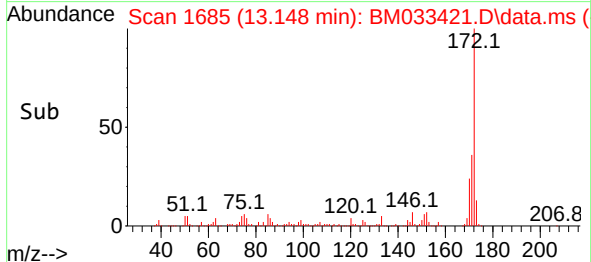
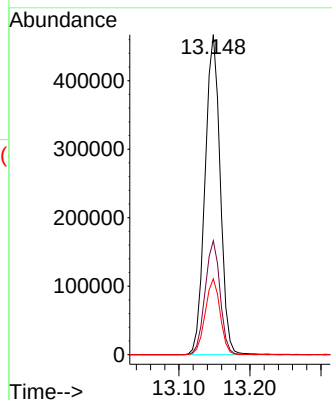


#45
2-Fluorobiphenyl
Concen: 100.348 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Instrument :
BNA_M
ClientSampleId :

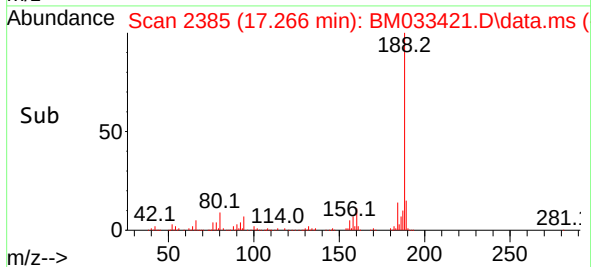
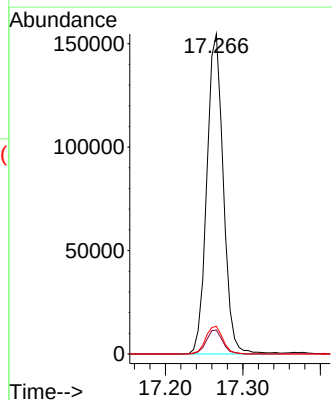
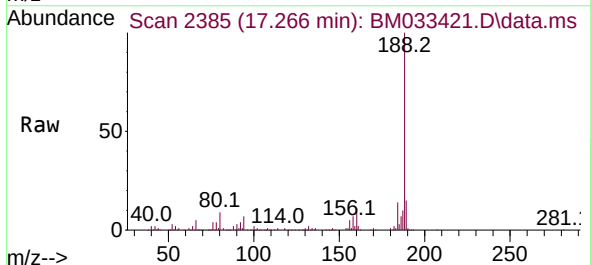


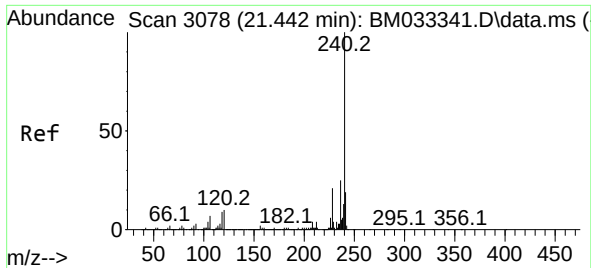
Tgt Ion:172 Resp: 694935
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.7 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.266 min Scan# 2385
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Tgt Ion:188 Resp: 228763
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 8.6 8.9 13.3#

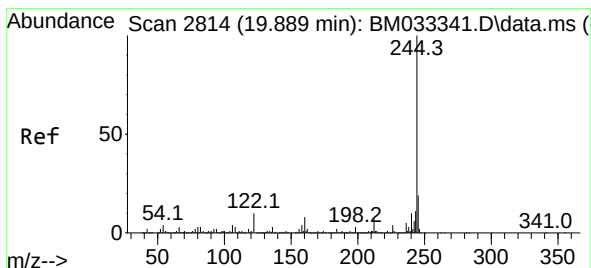
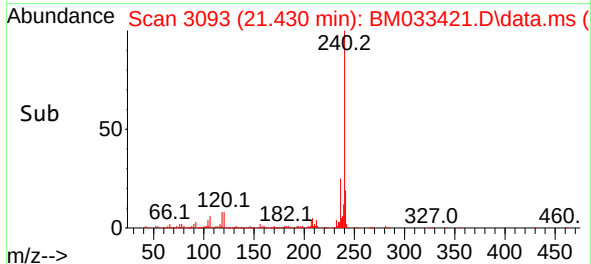
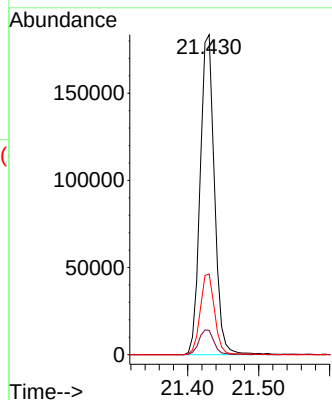
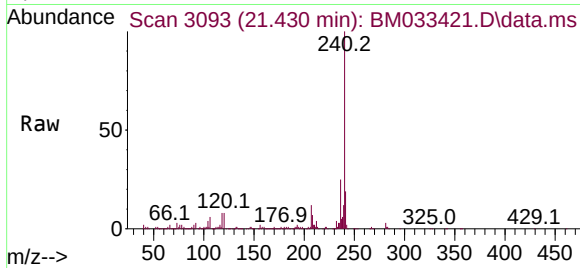




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3078
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

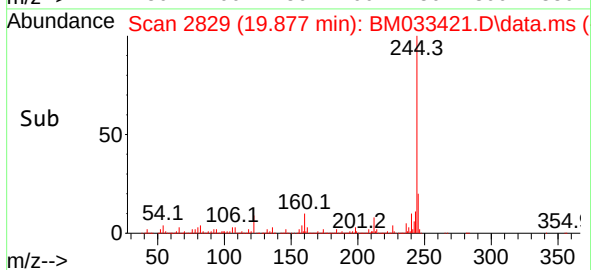
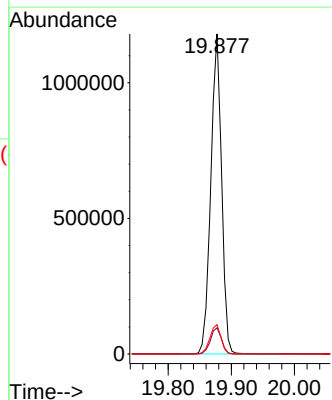
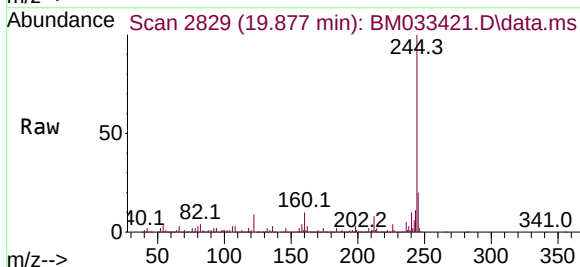
Instrument :
BNA_M
ClientSampleId :

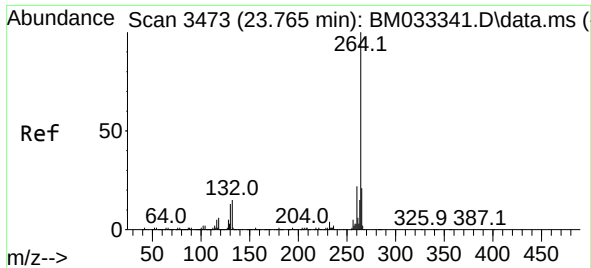
Tgt Ion:240 Resp: 257665
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 100.247 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.011 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

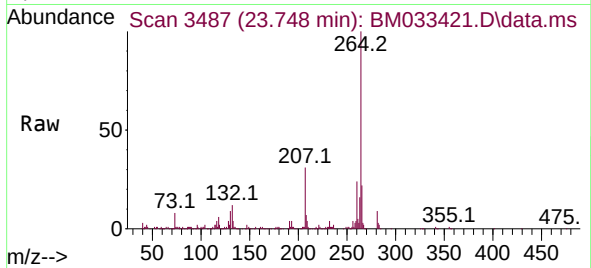
Tgt Ion:244 Resp: 1394203
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 9.2 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.748 min Scan# 34
 Delta R.T. -0.017 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264 Resp: 257358
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.7 26.5
 265 22.2 17.7 26.5

