

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033419.D
 Acq On : 11 Dec 2021 19:18
 Operator : CG/JU
 Sample : M4989-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:08 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)

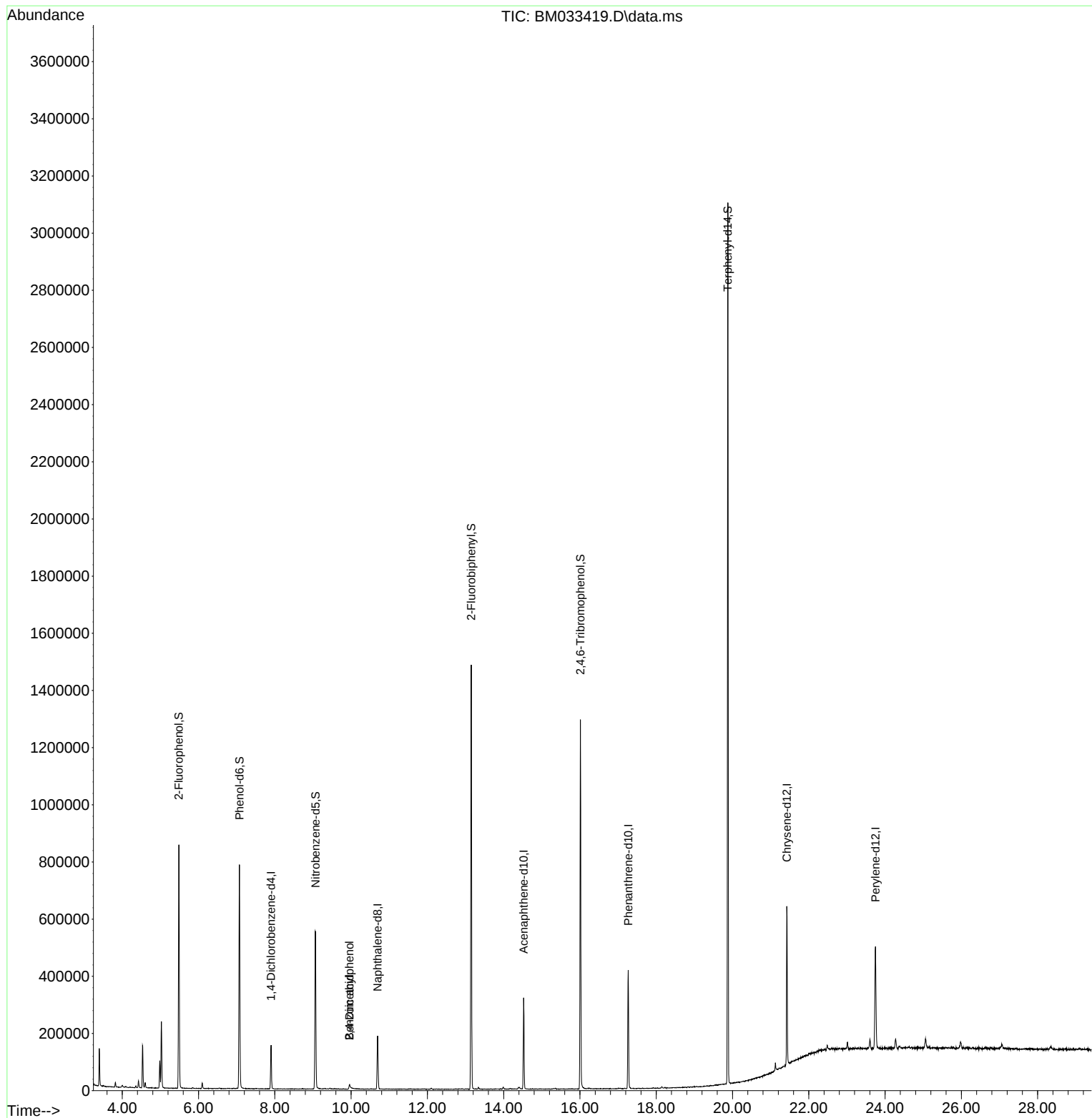
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	35366	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	140060	20.000	ng	-0.01
39) Acenaphthene-d10	14.524	164	100805	20.000	ng	-0.01
64) Phenanthrene-d10	17.265	188	242923	20.000	ng	-0.01
76) Chrysene-d12	21.424	240	270096	20.000	ng	-0.02
86) Perylene-d12	23.747	264	261763	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	286799	133.038	ng	-0.01
7) Phenol-d6	7.072	99	349553	116.290	ng	-0.02
23) Nitrobenzene-d5	9.066	82	309209	93.739	ng	-0.01
42) 2,4,6-Tribromophenol	16.012	330	188036	174.376	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	685118	94.012	ng	-0.01
79) Terphenyl-d14	19.877	244	1304560	89.484	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.072	77	1067	Below Cal	Qvalue #	7
27) 2,4-Dimethylphenol	9.960	122	7910	4.280	ng #	1
32) Benzoic acid	9.960	122	7910	5.910	ng	94

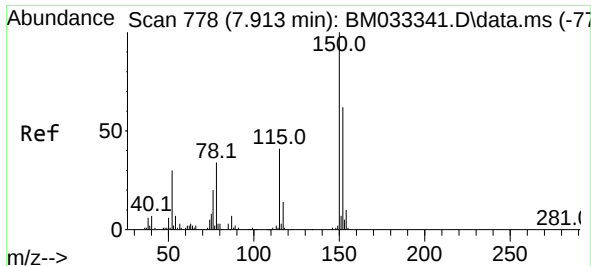
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 12 00:09:08 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

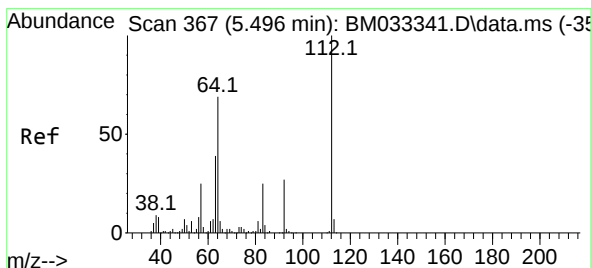
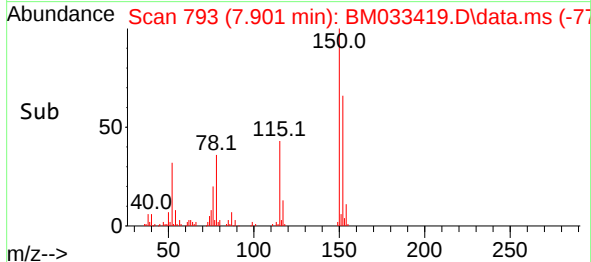
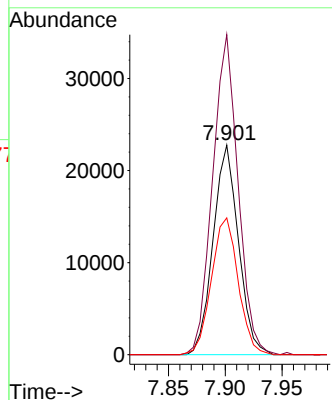
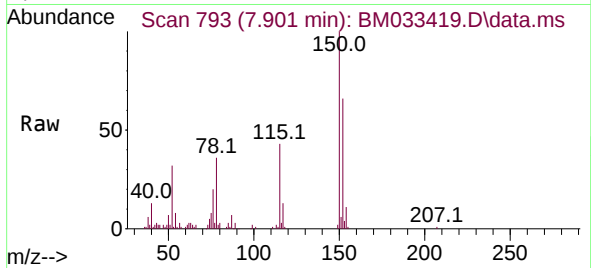




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

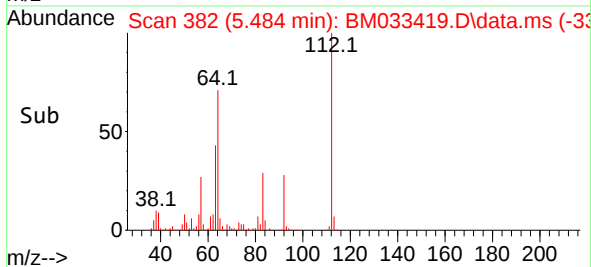
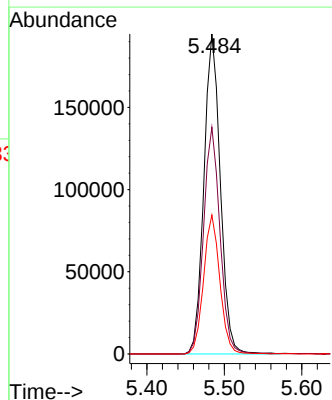
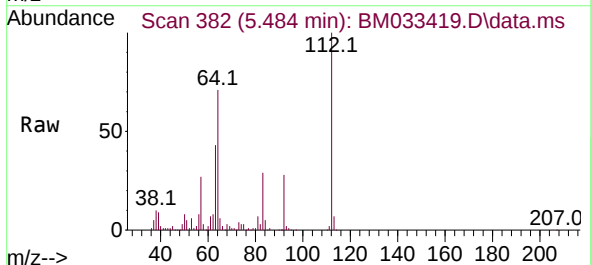
Instrument :
BNA_M
ClientSampleId :

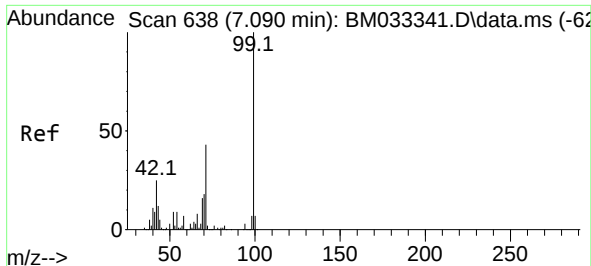
Tgt Ion:152 Resp: 35366
Ion Ratio Lower Upper
152 100
150 152.6 128.9 193.3
115 65.2 53.0 79.6



#5
2-Fluorophenol
Concen: 133.038 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion:112 Resp: 286799
Ion Ratio Lower Upper
112 100
64 70.9 55.5 83.3
63 43.4 31.3 46.9

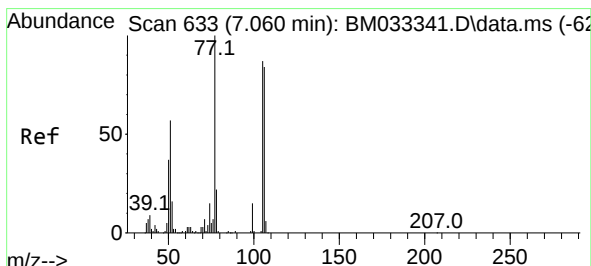
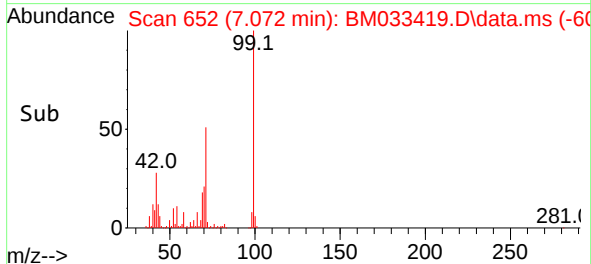
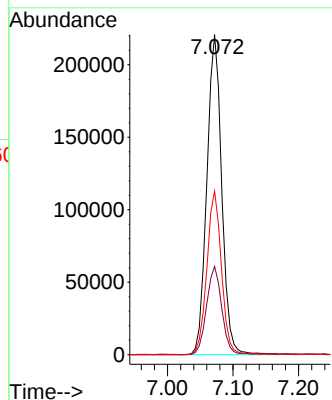
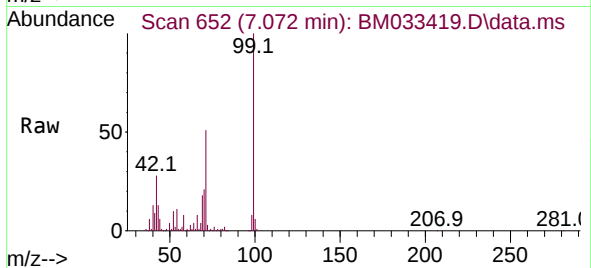




#7
Phenol-d6
Concen: 116.290 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

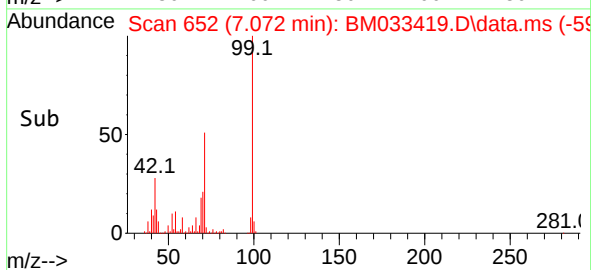
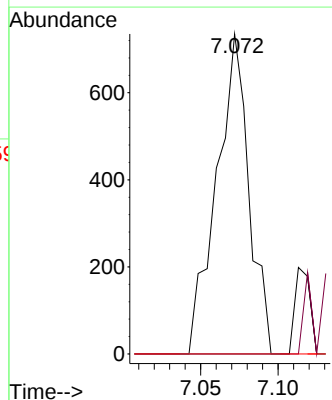
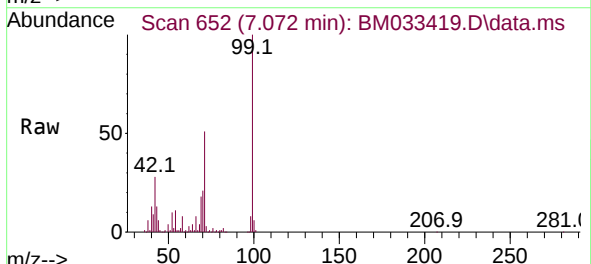
Instrument :
BNA_M
ClientSampleId :

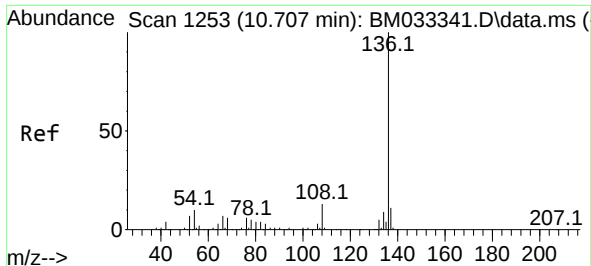
Tgt Ion: 99 Resp: 349553
Ion Ratio Lower Upper
99 100
42 27.6 20.3 30.5
71 51.1 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 652
Delta R.T. 0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion: 77 Resp: 1067
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

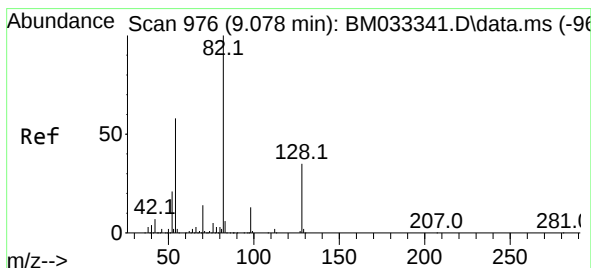
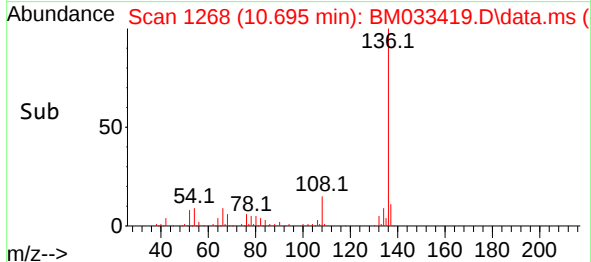
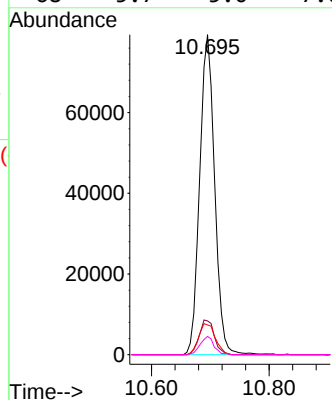
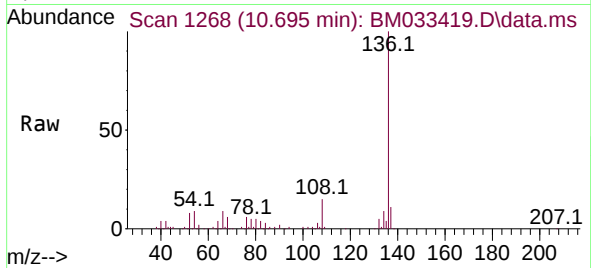




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

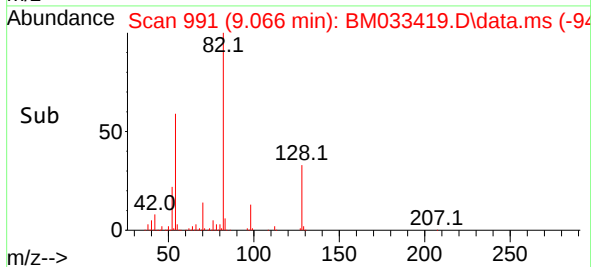
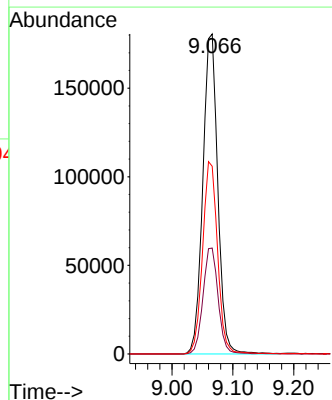
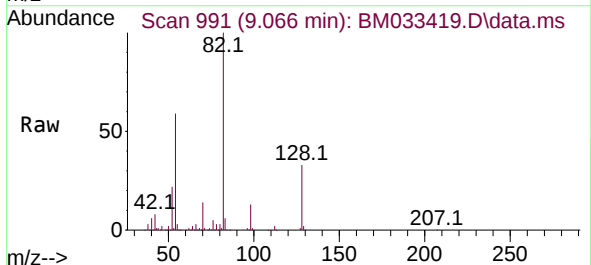
Instrument :
BNA_M
ClientSampleId :

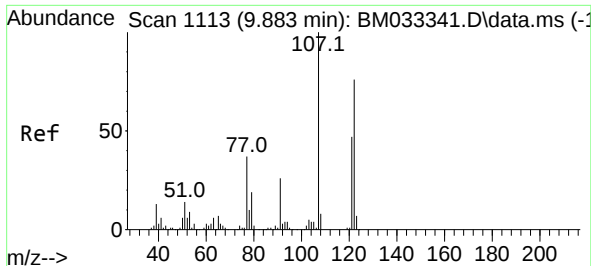
Tgt Ion:136 Resp: 140060
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.3 8.3 12.5
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.739 ng
RT: 9.066 min Scan# 991
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion: 82 Resp: 309209
Ion Ratio Lower Upper
82 100
128 33.1 28.1 42.1
54 58.6 46.1 69.1





#27

2,4-Dimethylphenol

Concen: 4.280 ng

RT: 9.960 min Scan# 1143

Delta R.T. 0.076 min

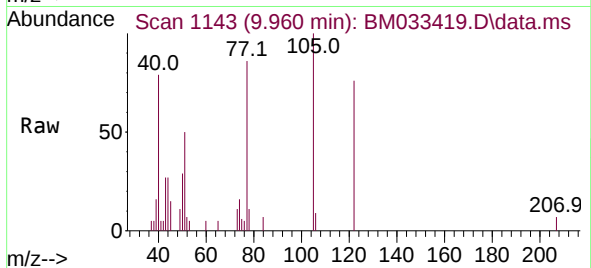
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Acq: 11 Dec 2021 19:18

Instrument :

BNA_M

ClientSampleId :



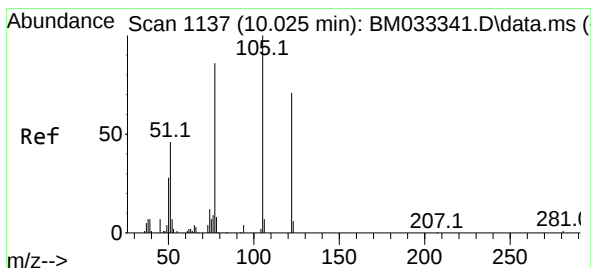
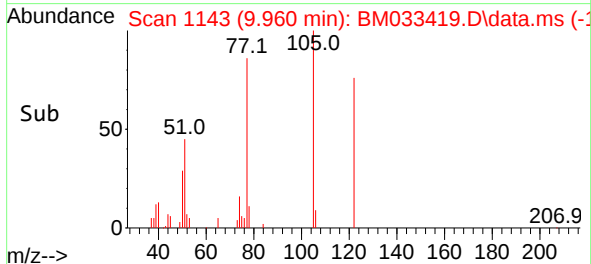
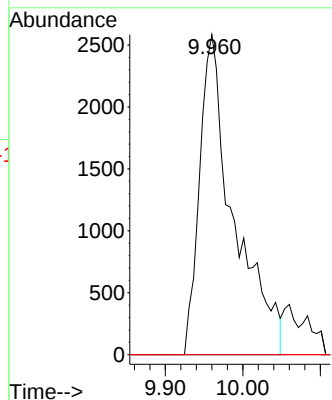
Tgt Ion:122 Resp: 7910

Ion Ratio Lower Upper

122 100

107 0.0 105.3 157.9#

121 0.0 49.7 74.5#



#32

Benzoic acid

Concen: 5.910 ng

RT: 9.960 min Scan# 1143

Delta R.T. -0.065 min

Lab File: BM033419.D

Acq: 11 Dec 2021 19:18

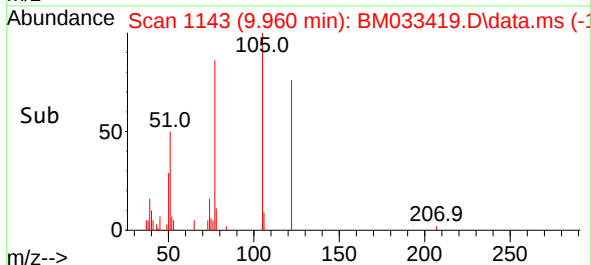
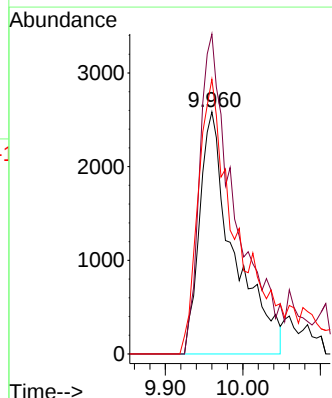
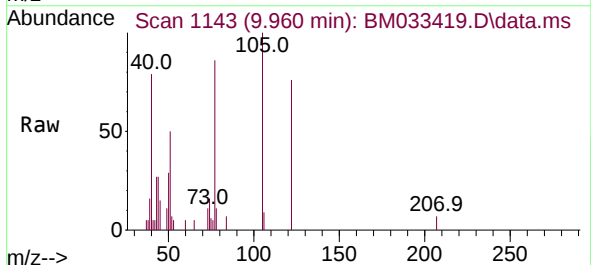
Tgt Ion:122 Resp: 7910

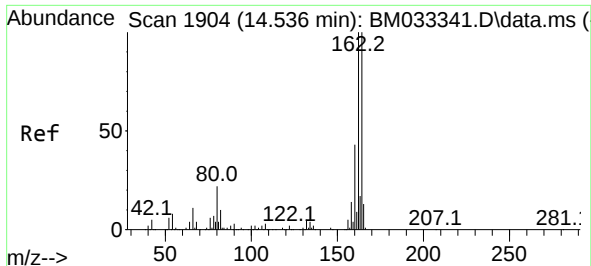
Ion Ratio Lower Upper

122 100

105 132.2 119.6 159.6

77 113.5 101.0 141.0

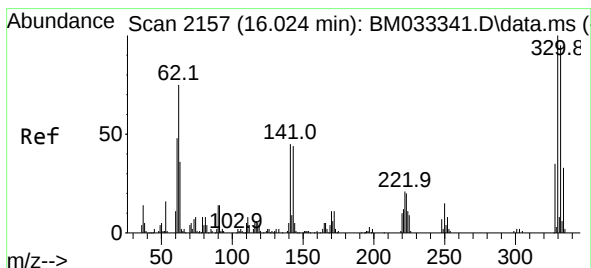
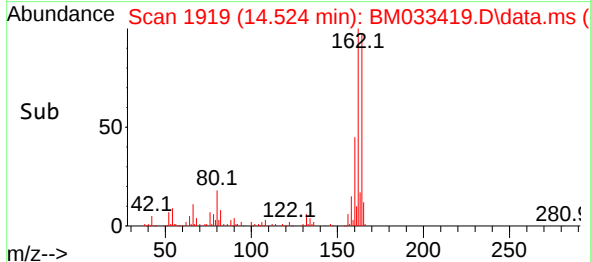
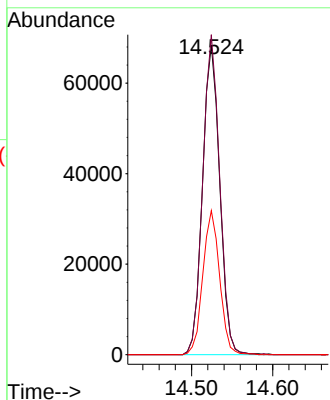
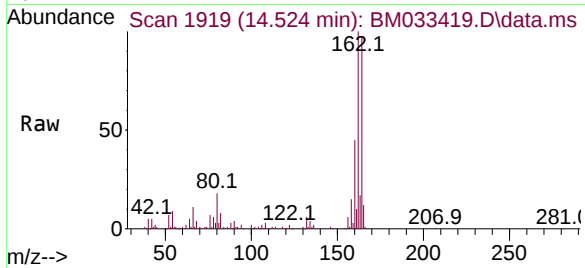




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

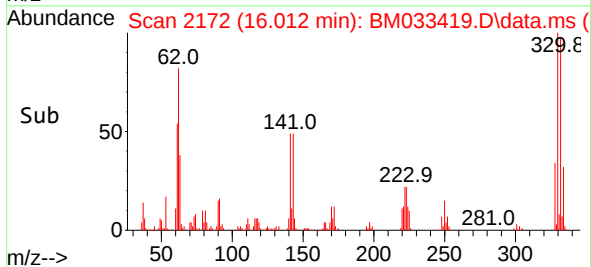
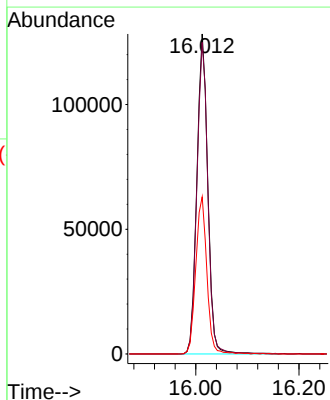
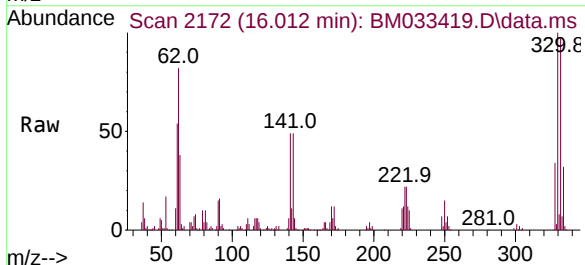
Instrument :
BNA_M
ClientSampleId :

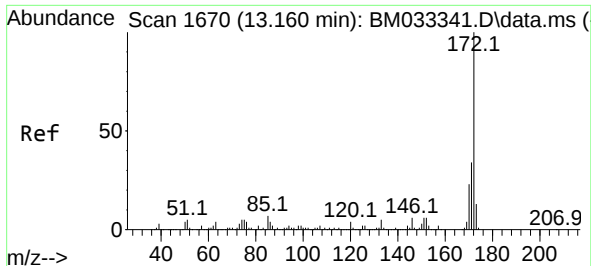
Tgt Ion:164 Resp: 100805
Ion Ratio Lower Upper
164 100
162 103.3 79.7 119.5
160 46.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 174.376 ng
RT: 16.012 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

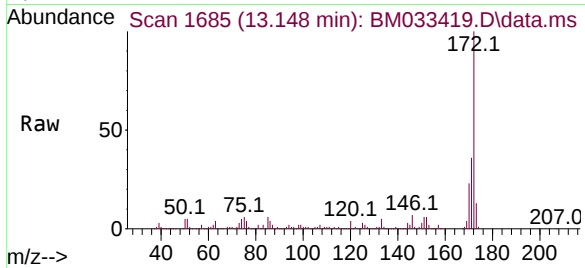
Tgt Ion:330 Resp: 188036
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 49.9 35.9 53.9



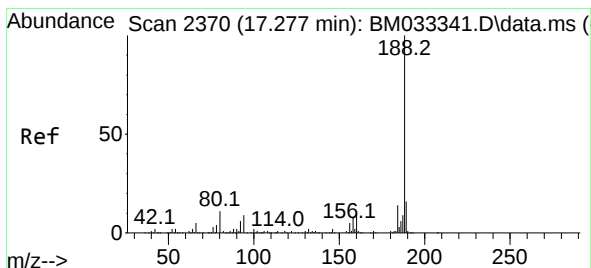
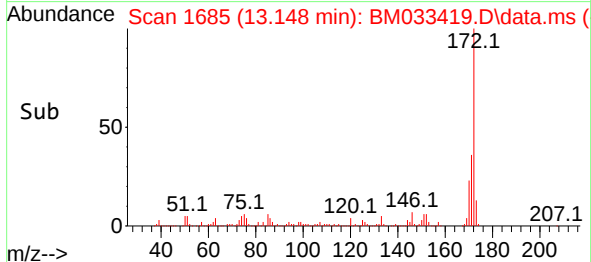
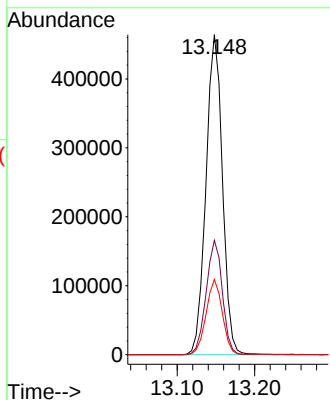


#45
2-Fluorobiphenyl
Concen: 94.012 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Instrument :
BNA_M
ClientSampleId :

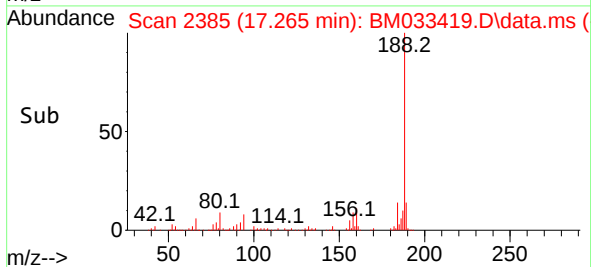
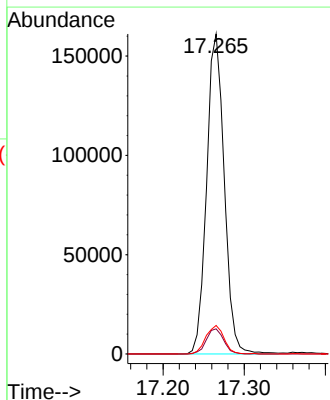
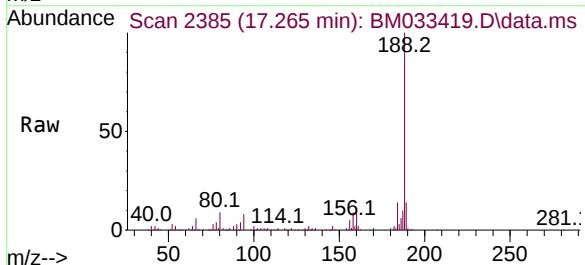


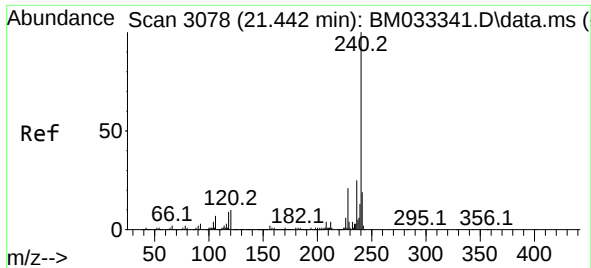
Tgt Ion:172 Resp: 685118
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 23.5 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion:188 Resp: 242923
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 8.9 8.9 13.3

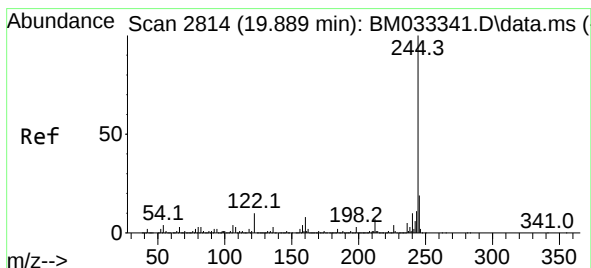
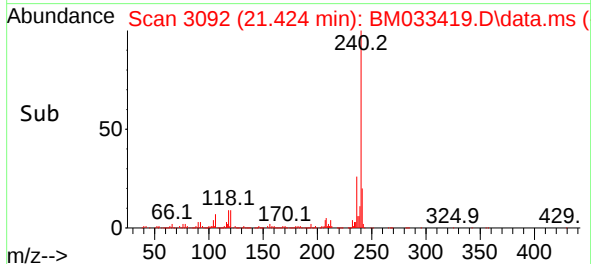
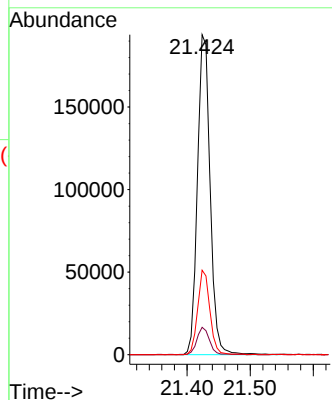
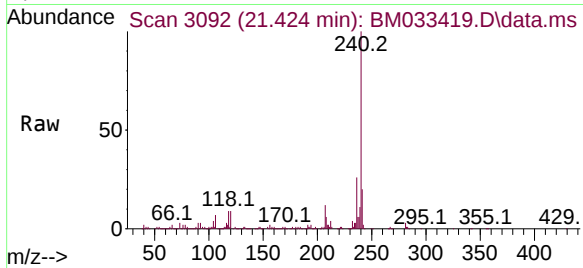




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3078
Delta R.T. -0.018 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

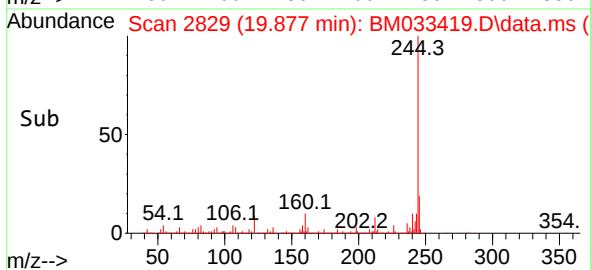
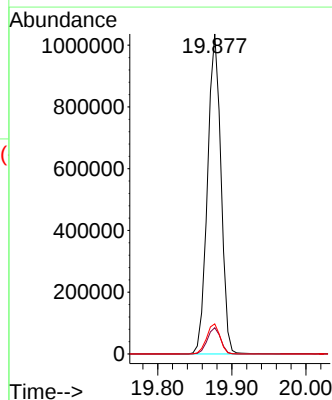
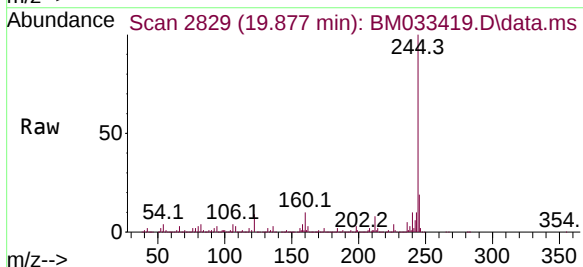
Instrument :
BNA_M
ClientSampleId :

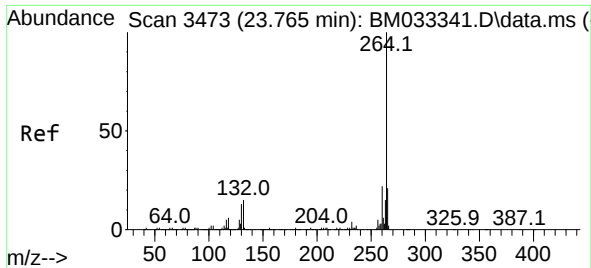
Tgt Ion:240 Resp: 270096
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 89.484 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM033419.D
Acq: 11 Dec 2021 19:18

Tgt Ion:244 Resp: 1304560
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 9.4 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: BM033419.D
 Acq: 11 Dec 2021 19:18

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:264 Resp: 261763
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.7 26.5
 265 21.5 17.7 26.5

