

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033418.D
 Acq On : 11 Dec 2021 18:41
 Operator : CG/JU
 Sample : M4989-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:00 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)

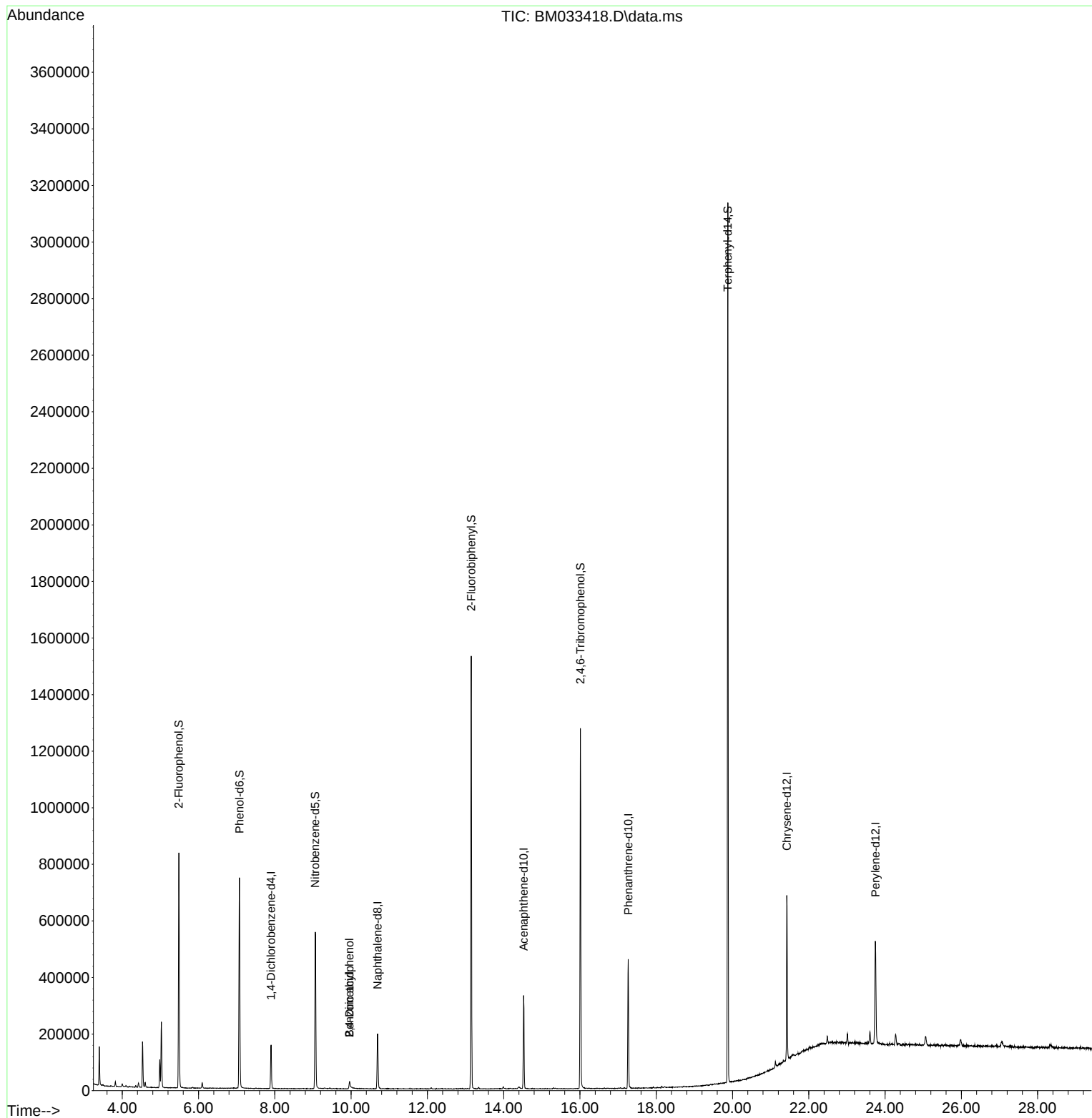
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	37669	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	151296	20.000	ng	-0.01
39) Acenaphthene-d10	14.524	164	108458	20.000	ng	-0.01
64) Phenanthrene-d10	17.265	188	259144	20.000	ng	-0.01
76) Chrysene-d12	21.424	240	279293	20.000	ng	-0.02
86) Perylene-d12	23.747	264	271357	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	291840	127.100	ng	-0.01
7) Phenol-d6	7.072	99	356771	111.435	ng	-0.02
23) Nitrobenzene-d5	9.060	82	310689	87.193	ng	-0.02
42) 2,4,6-Tribromophenol	16.012	330	189372	163.224	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	716007	91.318	ng	-0.01
79) Terphenyl-d14	19.877	244	1321210	87.642	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.066	77	1082	Below Cal	Qvalue #	7
27) 2,4-Dimethylphenol	9.960	122	9233	4.625 ng	#	1
32) Benzoic acid	9.960	122	9233	6.387 ng		89

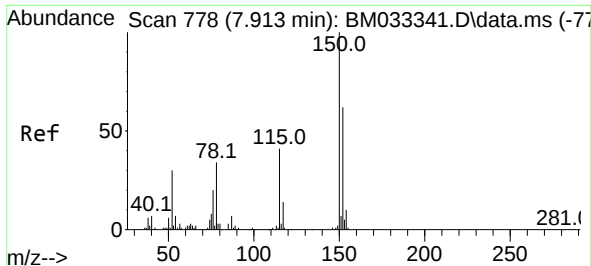
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

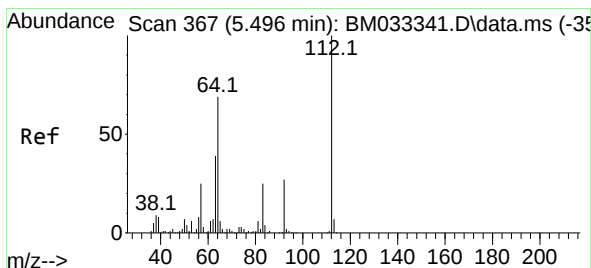
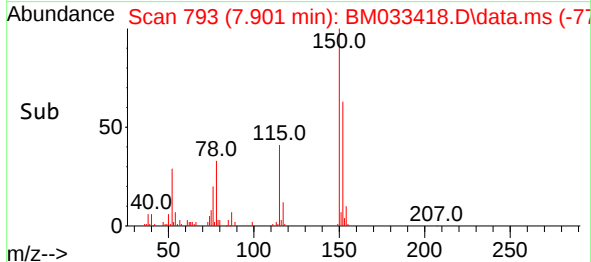
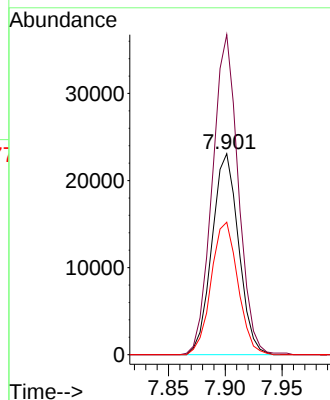
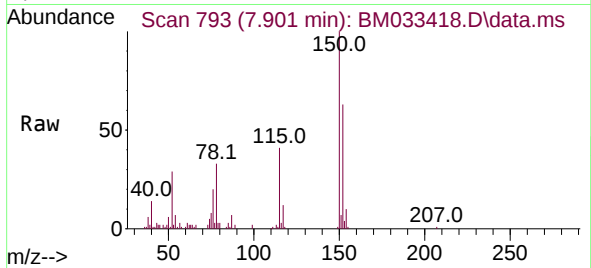




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

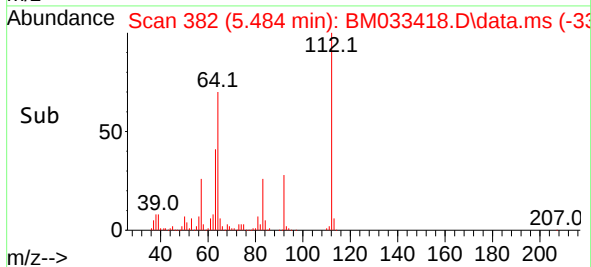
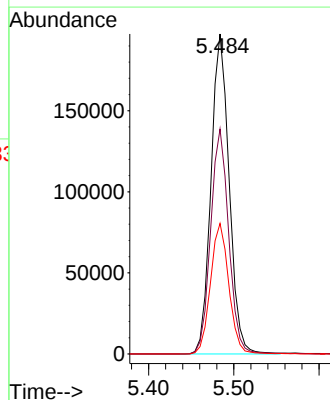
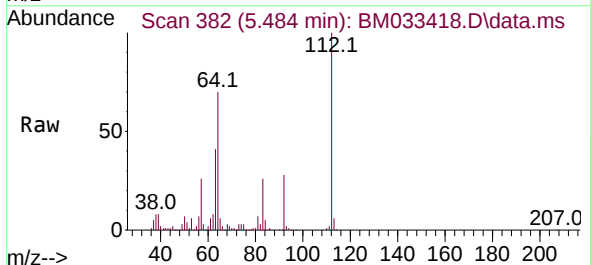
Instrument :
BNA_M
ClientSampleId :

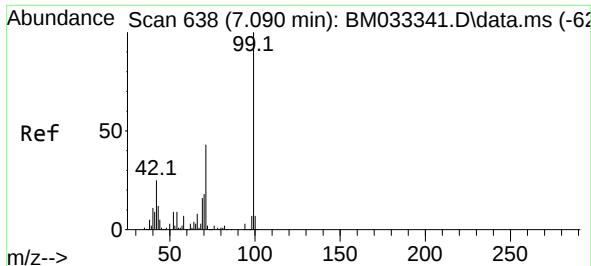
Tgt Ion:152 Resp: 37669
Ion Ratio Lower Upper
152 100
150 159.2 128.9 193.3
115 65.9 53.0 79.6



#5
2-Fluorophenol
Concen: 127.100 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Tgt Ion:112 Resp: 291840
Ion Ratio Lower Upper
112 100
64 70.3 55.5 83.3
63 40.8 31.3 46.9

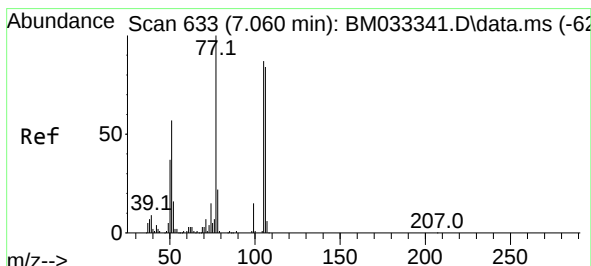
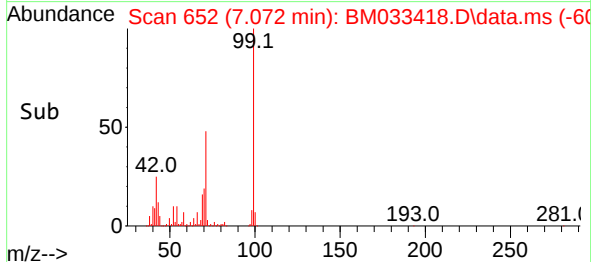
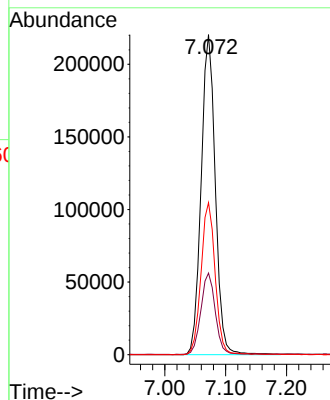
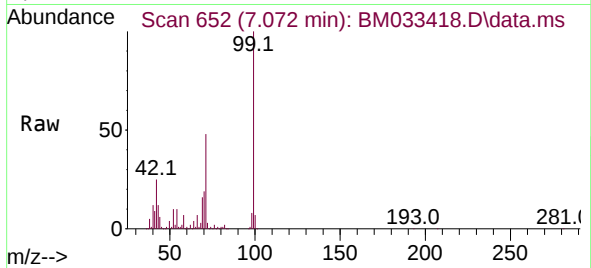




#7
Phenol-d6
Concen: 111.435 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

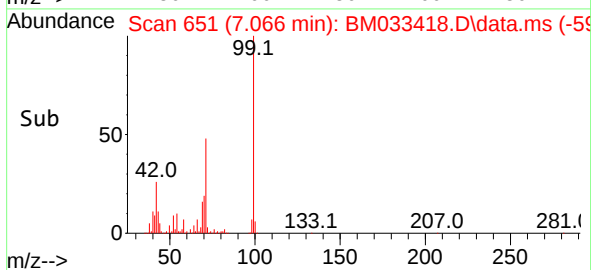
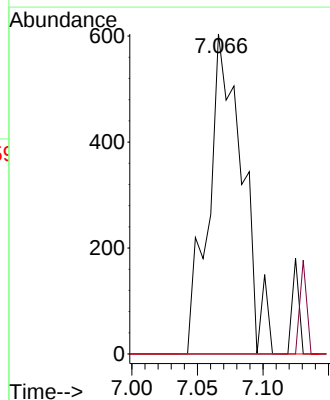
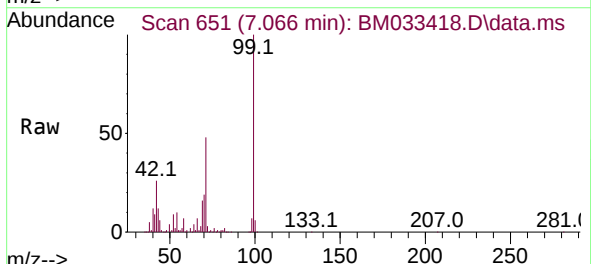
Instrument :
BNA_M
ClientSampleId :

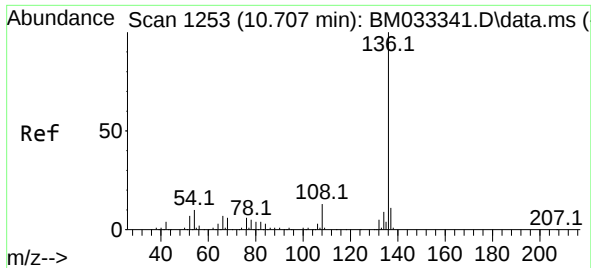
Tgt Ion: 99 Resp: 356771
Ion Ratio Lower Upper
99 100
42 25.5 20.3 30.5
71 47.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

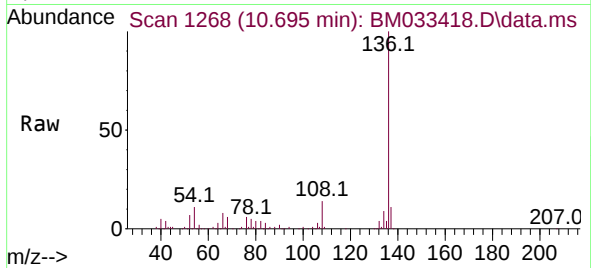
Tgt Ion: 77 Resp: 1082
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



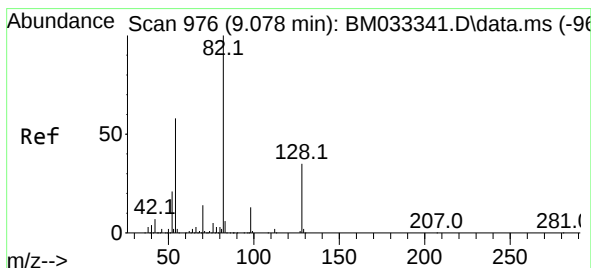
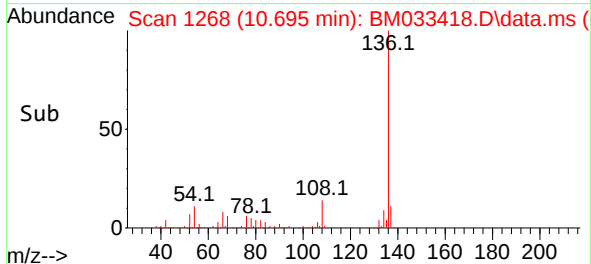
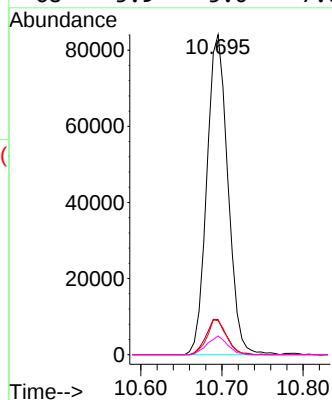


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Instrument :
BNA_M
ClientSampleId :

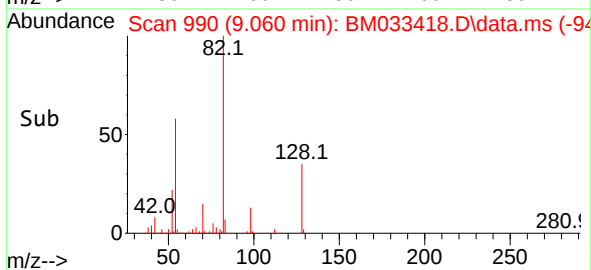
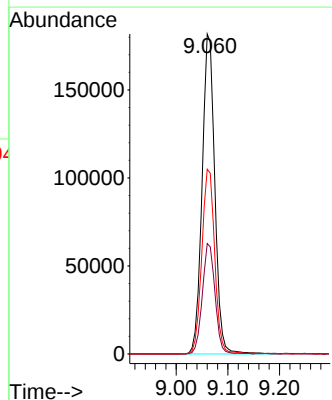
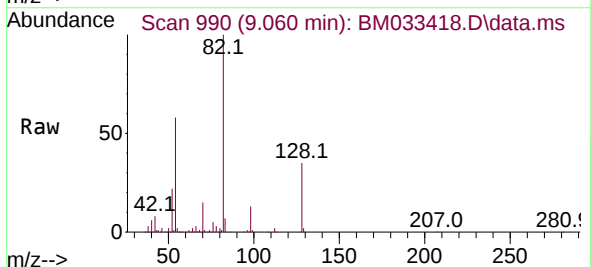


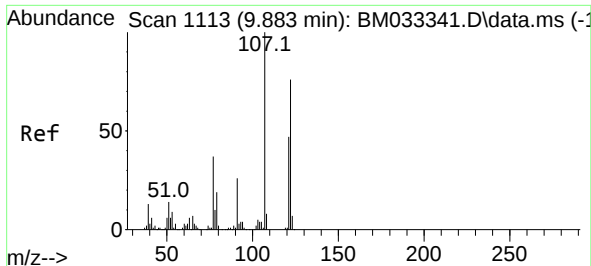
Tgt Ion:136 Resp: 151296
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.6 8.3 12.5
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.193 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.018 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Tgt Ion: 82 Resp: 310689
Ion Ratio Lower Upper
82 100
128 34.5 28.1 42.1
54 57.8 46.1 69.1





#27

2,4-Dimethylphenol

Concen: 4.625 ng

RT: 9.960 min Scan# 1143

Delta R.T. 0.076 min

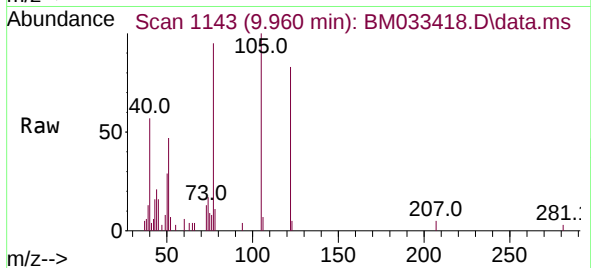
Lab File: BM033418.D

Acq: 11 Dec 2021 18:41

Instrument :

BNA_M

ClientSampleId :



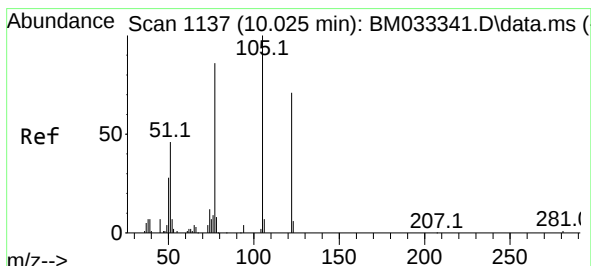
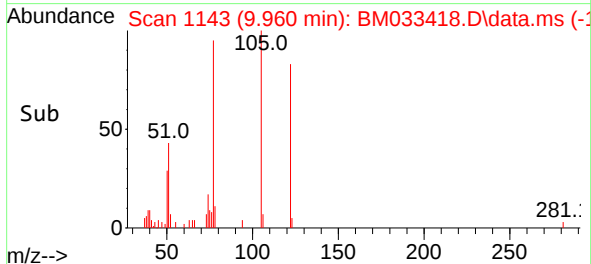
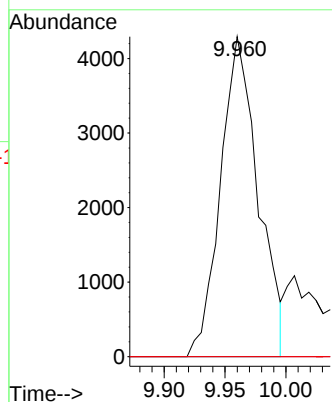
Tgt Ion:122 Resp: 9233

Ion Ratio Lower Upper

122 100

107 0.0 105.3 157.9#

121 0.0 49.7 74.5#



#32

Benzoic acid

Concen: 6.387 ng

RT: 9.960 min Scan# 1143

Delta R.T. -0.065 min

Lab File: BM033418.D

Acq: 11 Dec 2021 18:41

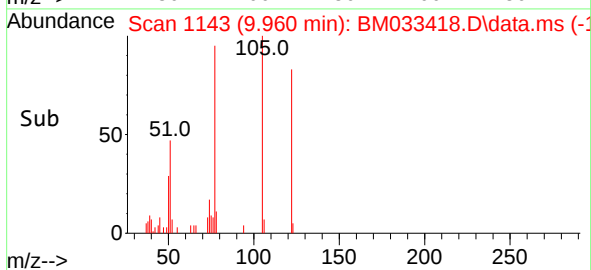
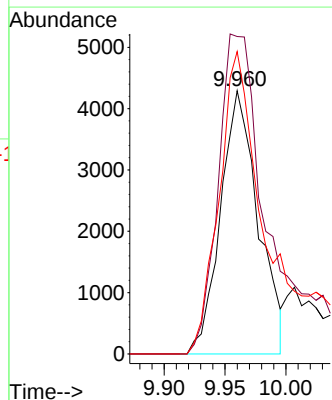
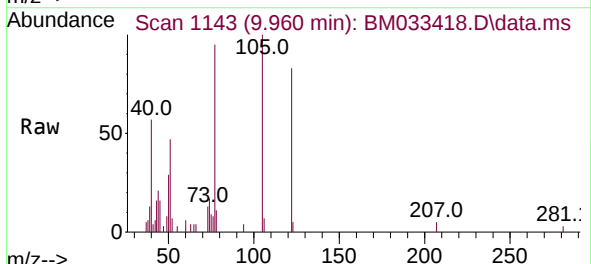
Tgt Ion:122 Resp: 9233

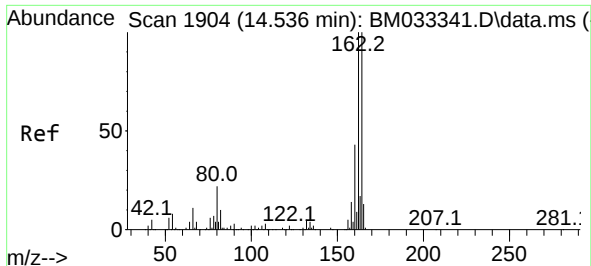
Ion Ratio Lower Upper

122 100

105 120.6 119.6 159.6

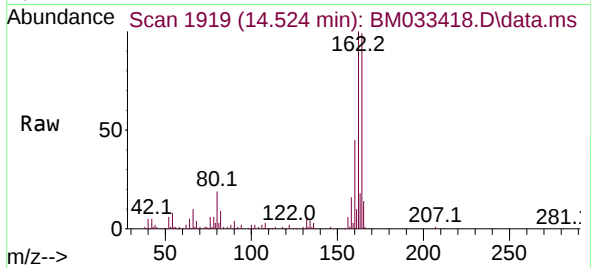
77 114.9 101.0 141.0



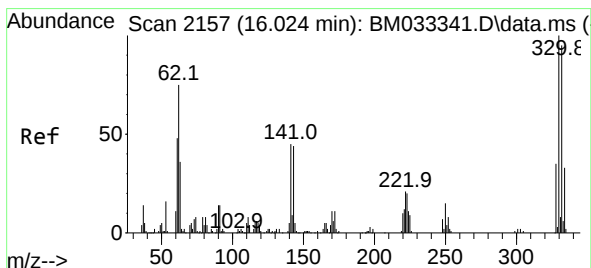
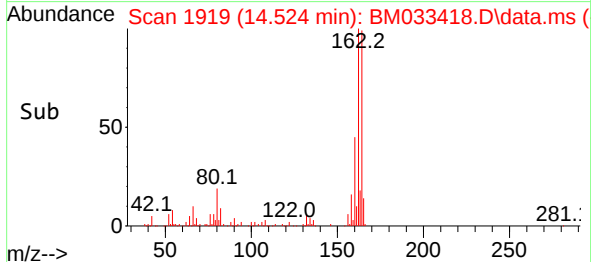
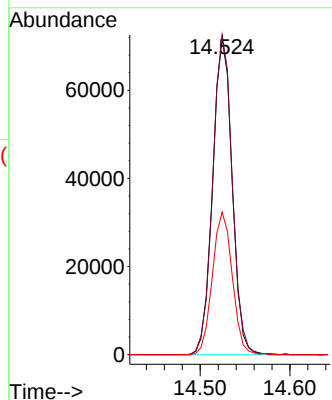


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Instrument :
BNA_M
ClientSampleId :

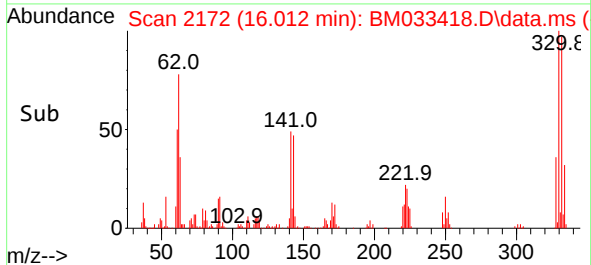
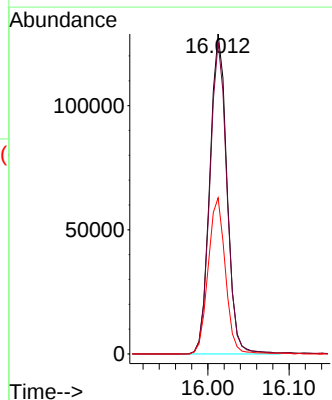
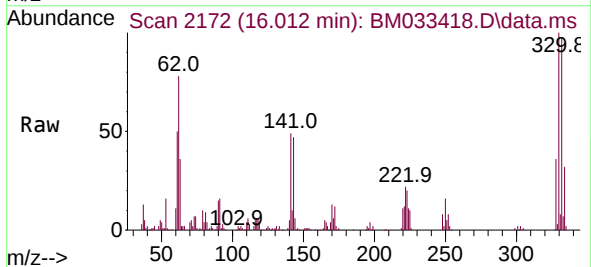


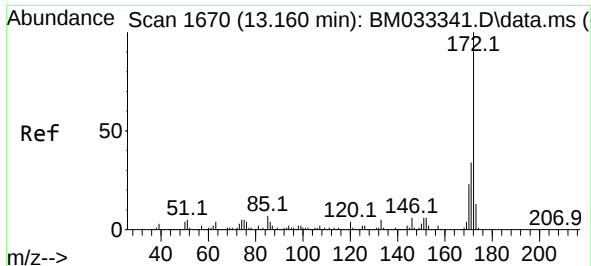
Tgt Ion:164 Resp: 108458
Ion Ratio Lower Upper
164 100
162 101.2 79.7 119.5
160 45.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 163.224 ng
RT: 16.012 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

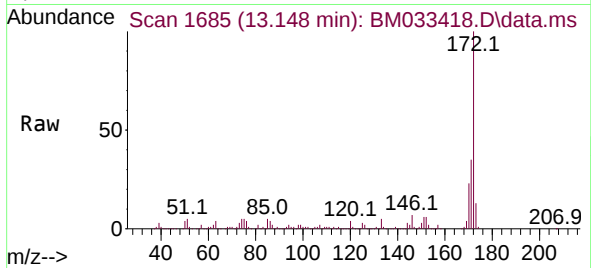
Tgt Ion:330 Resp: 189372
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 48.7 35.9 53.9



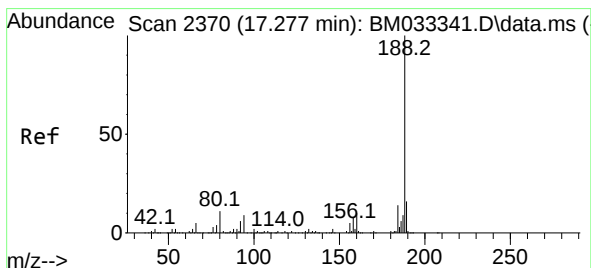
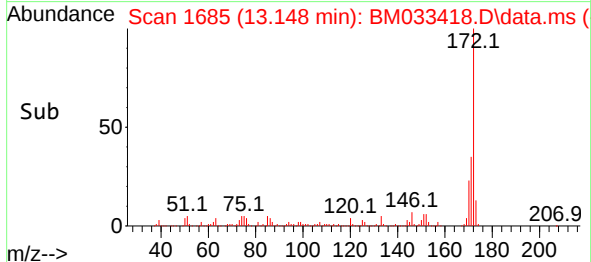
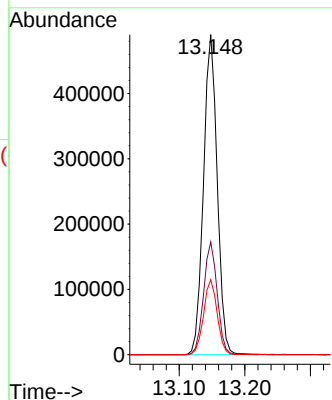


#45
2-Fluorobiphenyl
Concen: 91.318 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Instrument :
BNA_M
ClientSampleId :

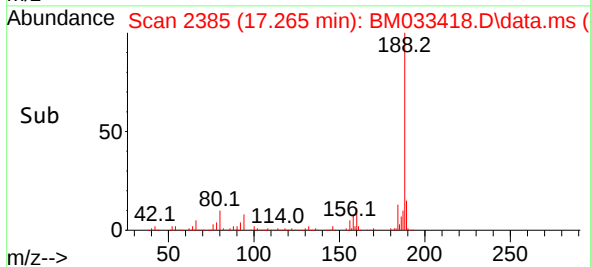
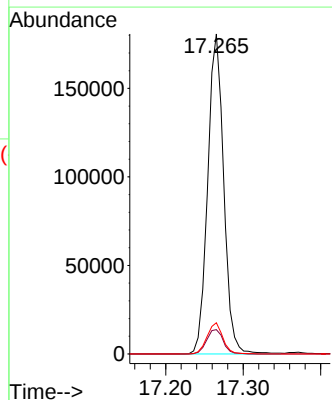
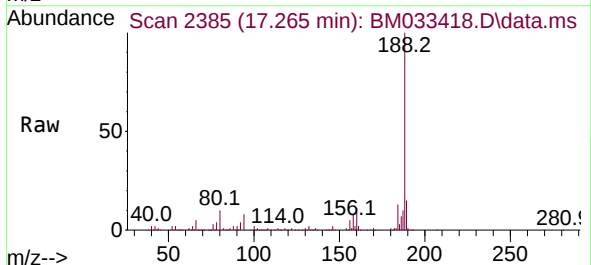


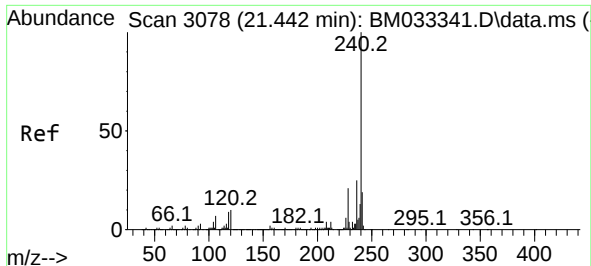
Tgt Ion:172 Resp: 716007
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Tgt Ion:188 Resp: 259144
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 9.8 8.9 13.3

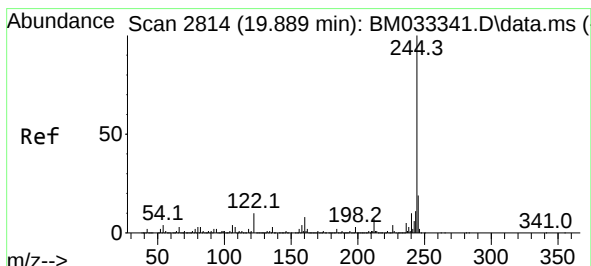
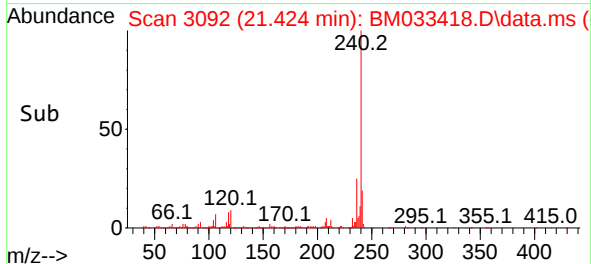
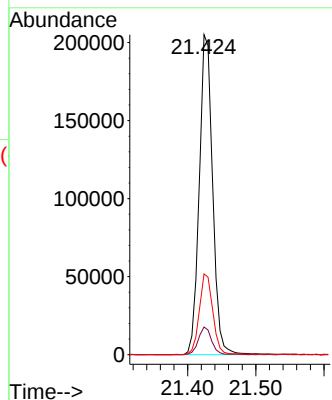
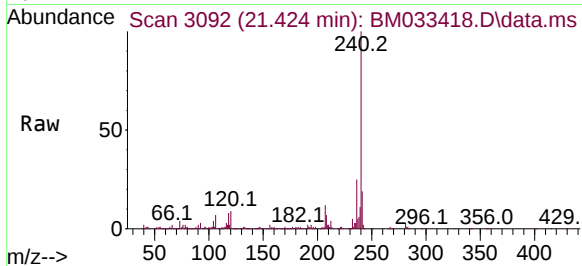




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3078
Delta R.T. -0.018 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

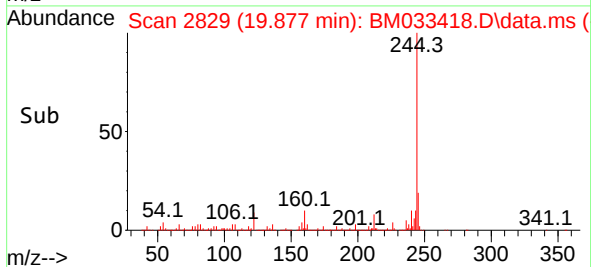
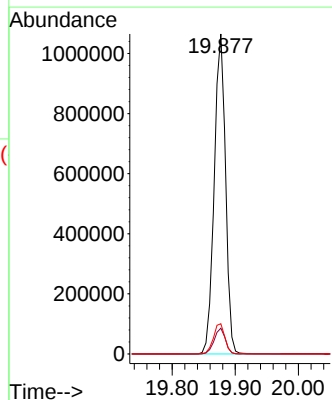
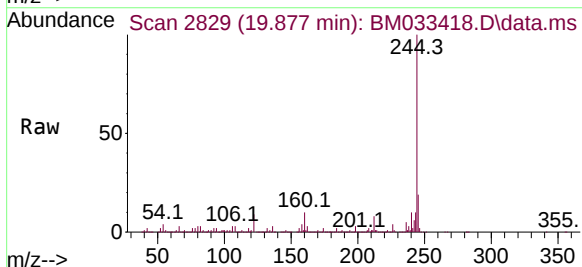
Instrument :
BNA_M
ClientSampleId :

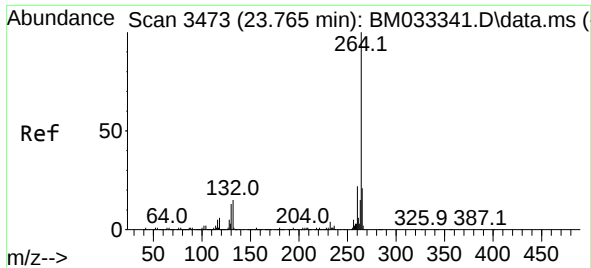
Tgt Ion:240 Resp: 279293
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 87.642 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Tgt Ion:244 Resp: 1321210
Ion Ratio Lower Upper
244 100
212 8.1 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

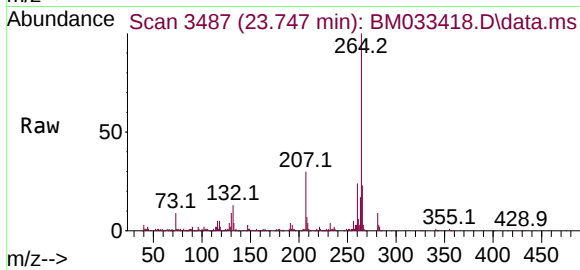
Lab File: BM033418.D

Acq: 11 Dec 2021 18:41

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 271357

Ion Ratio Lower Upper

264 100

260 23.6 17.7 26.5

265 23.2 17.7 26.5

