

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033420.D
 Acq On : 11 Dec 2021 19:54
 Operator : CG/JU
 Sample : M4990-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:16 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)

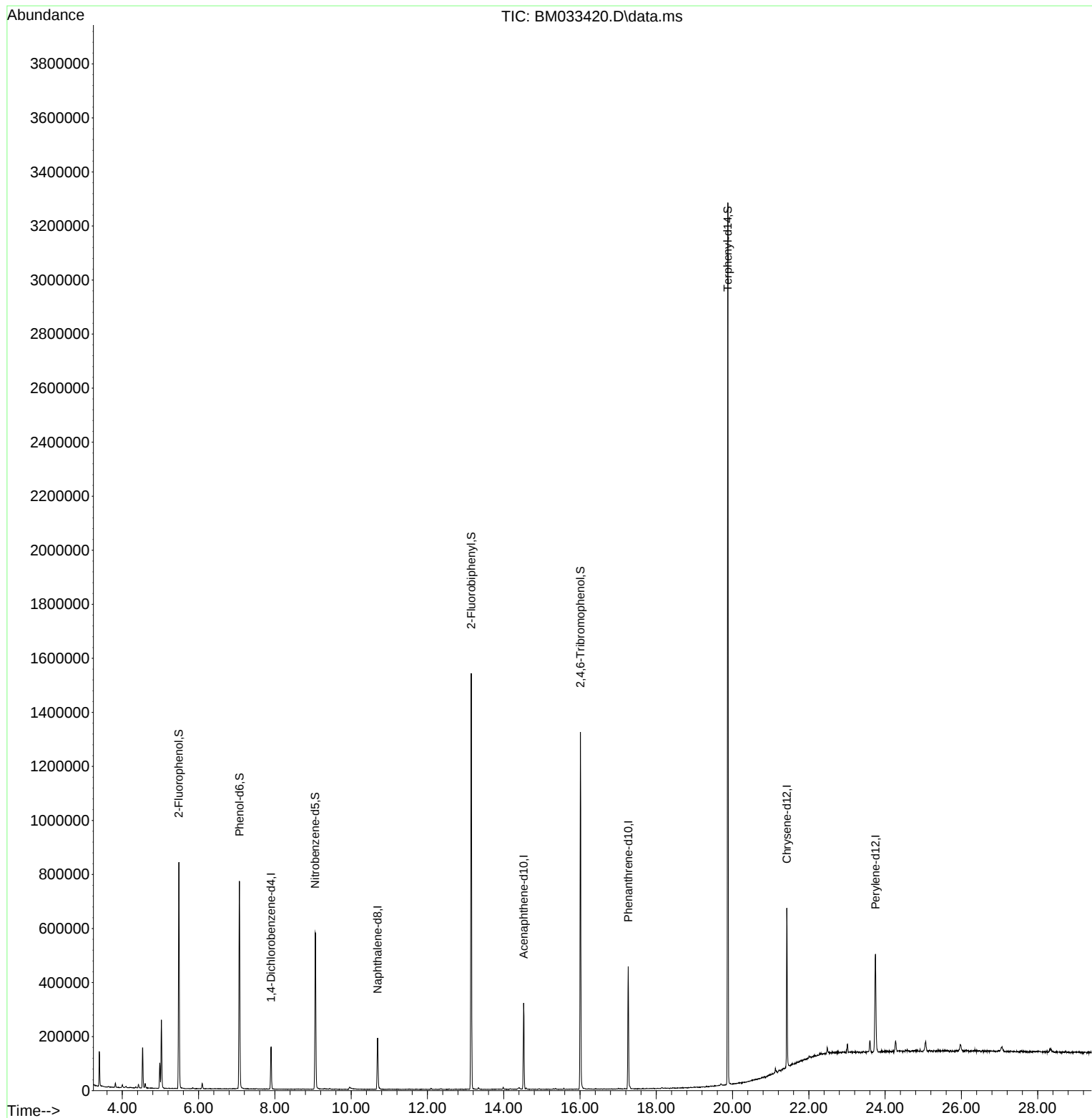
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	36022	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	143916	20.000	ng	-0.01
39) Acenaphthene-d10	14.524	164	104996	20.000	ng	-0.01
64) Phenanthrene-d10	17.265	188	251441	20.000	ng	#-0.01
76) Chrysene-d12	21.424	240	273746	20.000	ng	-0.02
86) Perylene-d12	23.747	264	260753	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	280585	127.785	ng	-0.01
7) Phenol-d6	7.072	99	343144	112.079	ng	-0.02
23) Nitrobenzene-d5	9.060	82	314111	92.674	ng	-0.02
42) 2,4,6-Tribromophenol	16.012	330	186227	165.805	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	705123	92.895	ng	-0.01
79) Terphenyl-d14	19.877	244	1344199	90.974	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.078	77	1122	Below Cal	Qvalue #	7

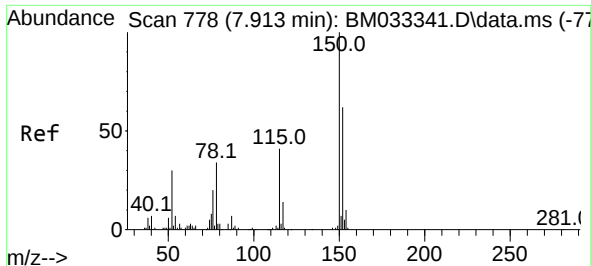
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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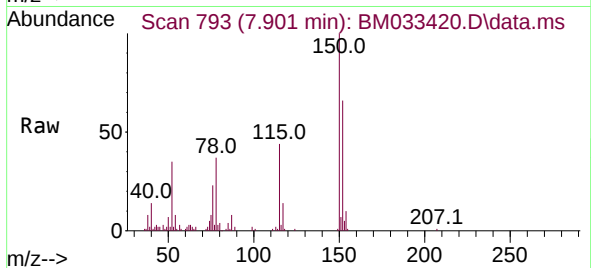
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 07:11:07 2021
Response via : Initial Calibration



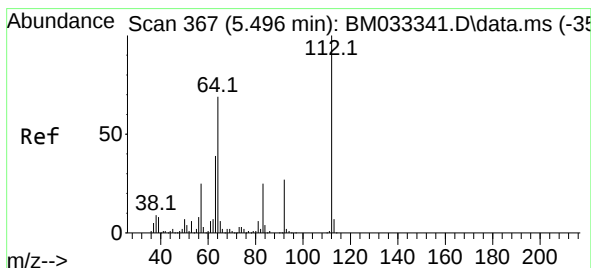
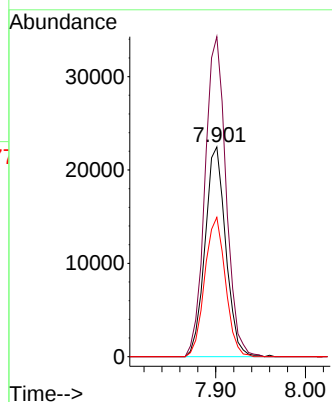
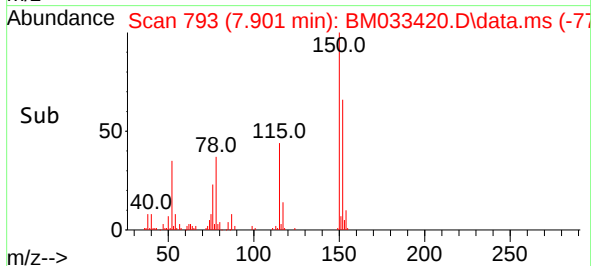


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Instrument :
BNA_M
ClientSampleId :

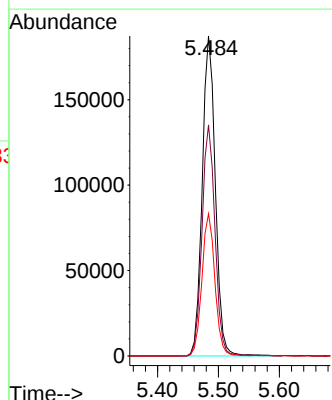
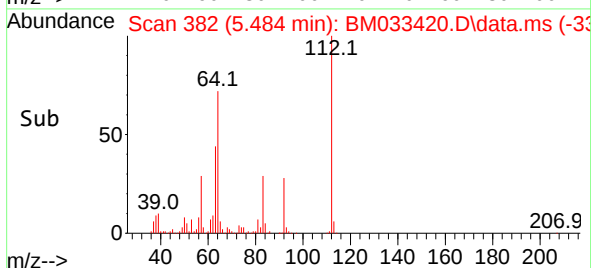
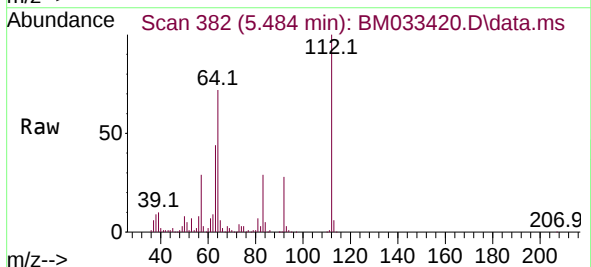


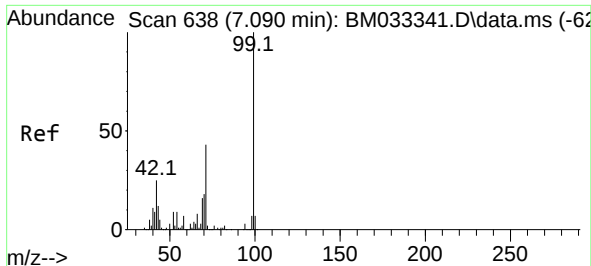
Tgt Ion:152 Resp: 36022
Ion Ratio Lower Upper
152 100
150 152.5 128.9 193.3
115 66.5 53.0 79.6



#5
2-Fluorophenol
Concen: 127.785 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Tgt Ion:112 Resp: 280585
Ion Ratio Lower Upper
112 100
64 72.2 55.5 83.3
63 44.5 31.3 46.9

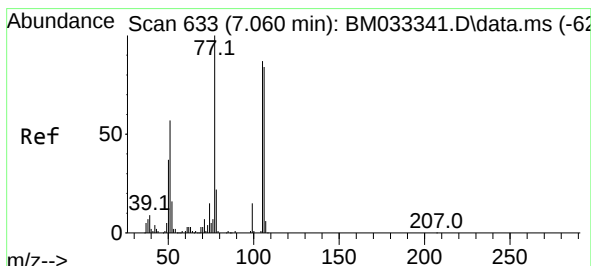
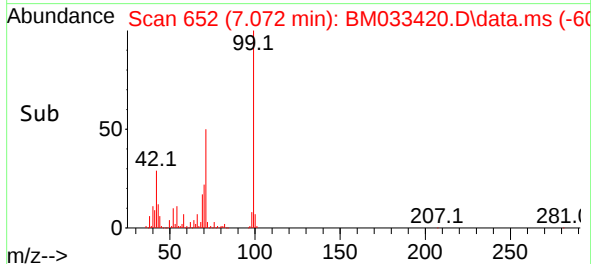
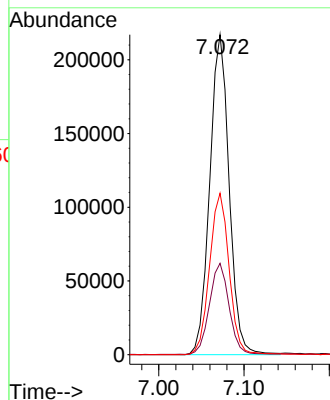
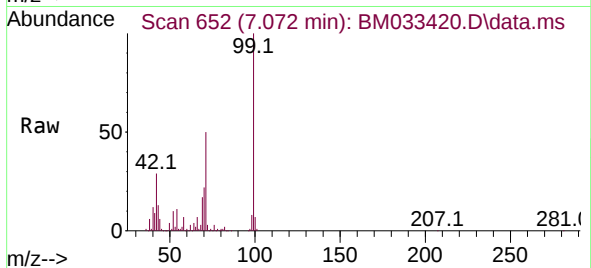




#7
Phenol-d6
Concen: 112.079 ng
RT: 7.072 min Scan# 611
Delta R.T. -0.018 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

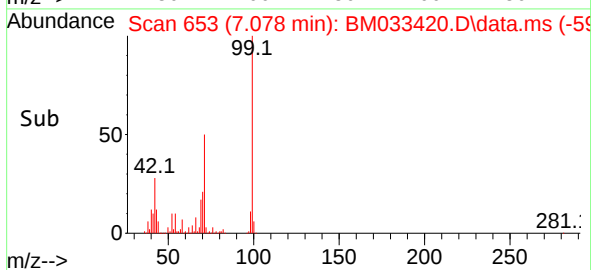
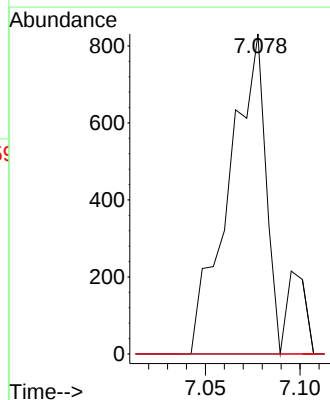
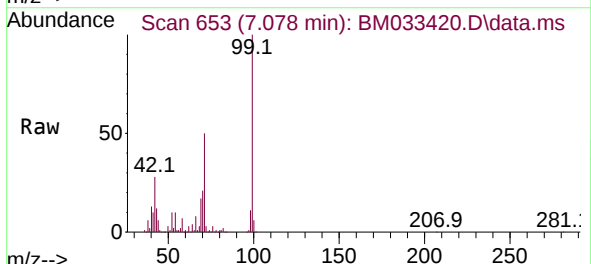
Instrument :
BNA_M
ClientSampleId :

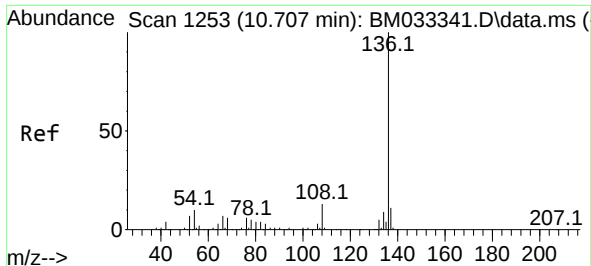
Tgt Ion: 99 Resp: 343144
Ion Ratio Lower Upper
99 100
42 28.6 20.3 30.5
71 50.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 653
Delta R.T. 0.018 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

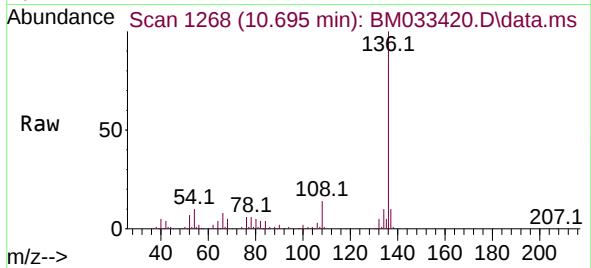
Tgt Ion: 77 Resp: 1122
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



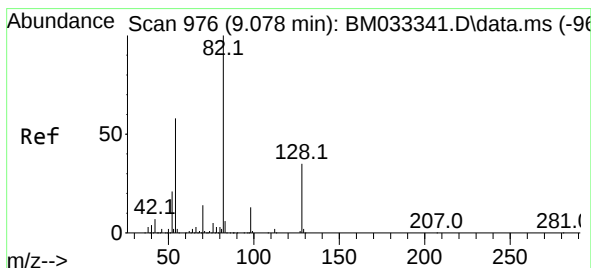
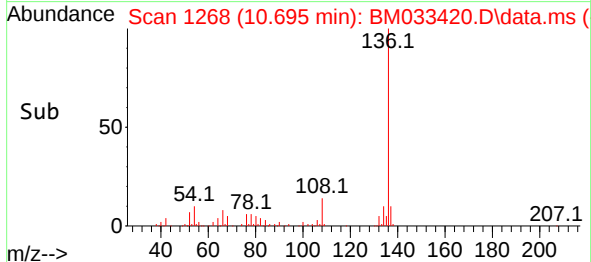
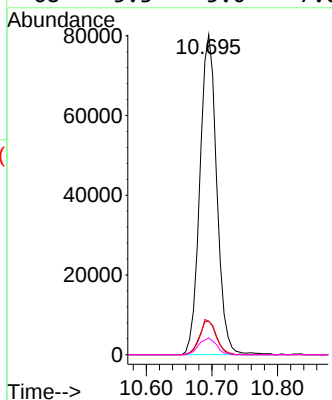


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Instrument :
BNA_M
ClientSampleId :

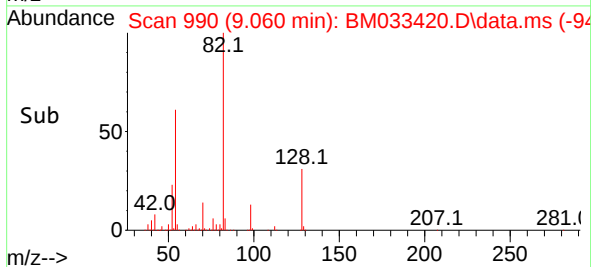
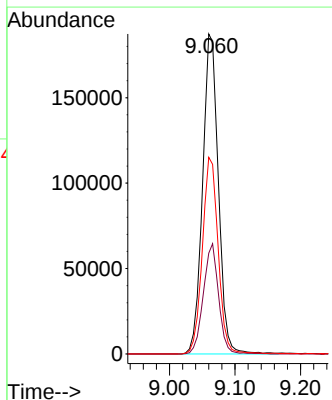
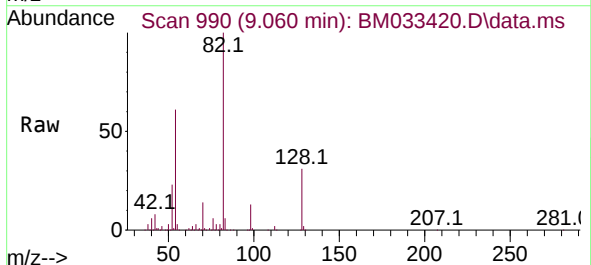


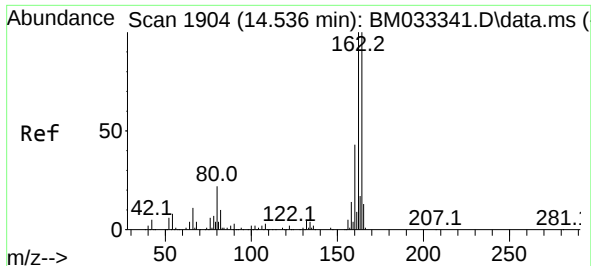
Tgt Ion:	136	Resp:	143916
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	10.4	8.3	12.5
68	5.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 92.674 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.018 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Tgt Ion:	82	Resp:	314111
Ion Ratio	Lower	Upper	
82	100		
128	31.5	28.1	42.1
54	61.4	46.1	69.1

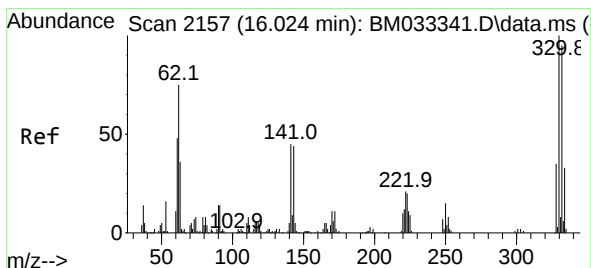
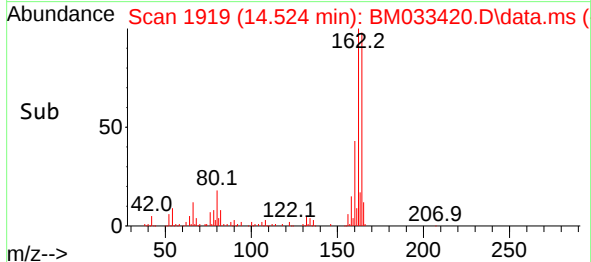
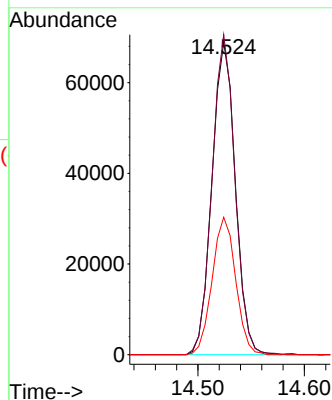
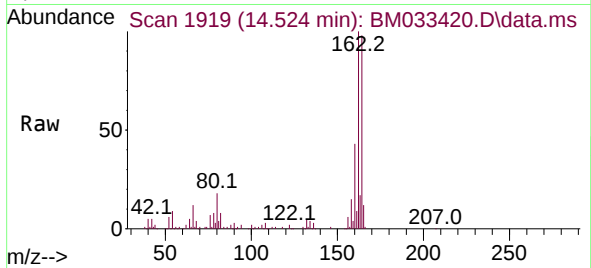




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

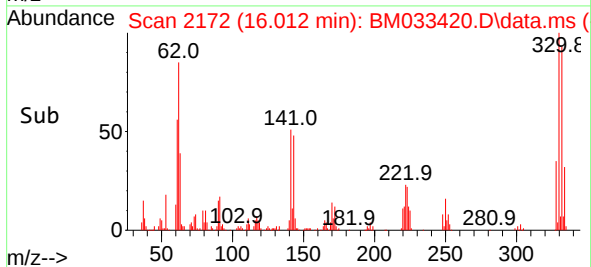
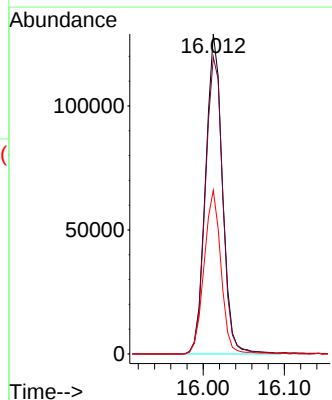
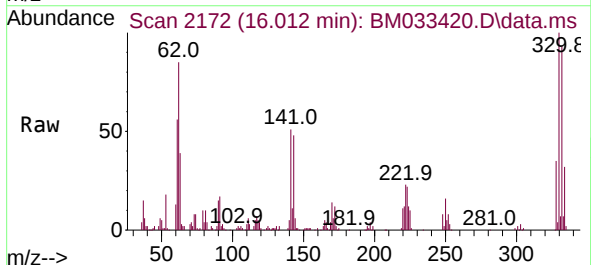
Instrument :
BNA_M
ClientSampleId :

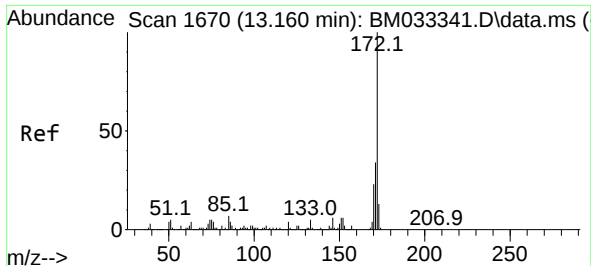
Tgt Ion:164 Resp: 104996
Ion Ratio Lower Upper
164 100
162 102.5 79.7 119.5
160 44.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 165.805 ng
RT: 16.012 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Tgt Ion:330 Resp: 186227
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 51.1 35.9 53.9

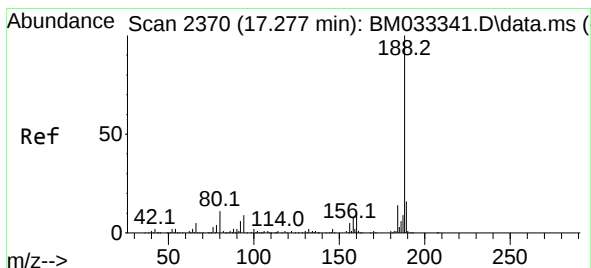
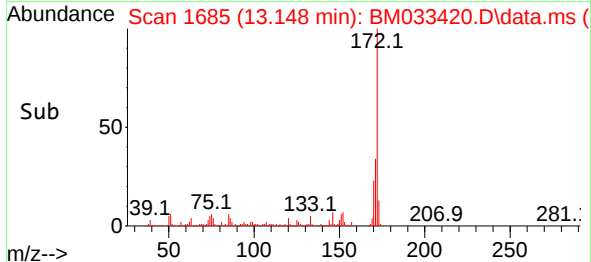
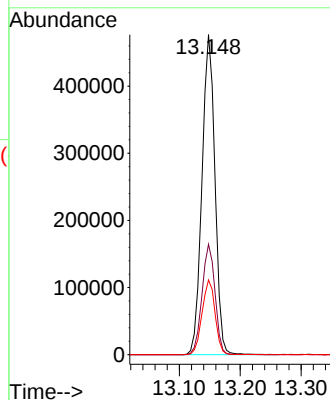
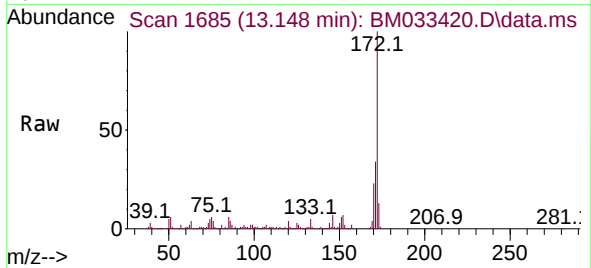




#45
2-Fluorobiphenyl
Concen: 92.895 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

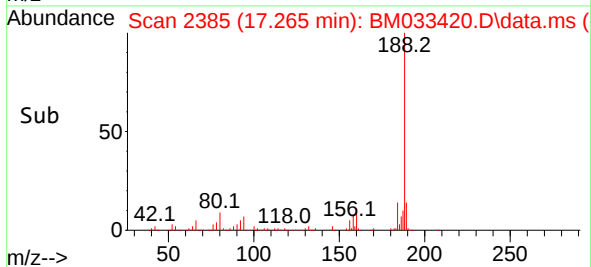
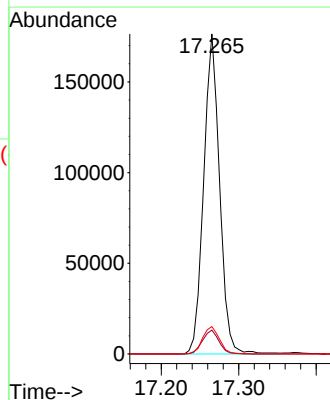
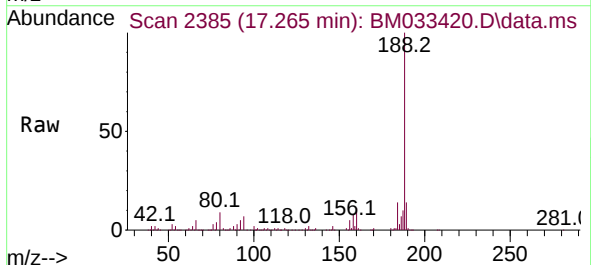
Instrument :
BNA_M
ClientSampleId :

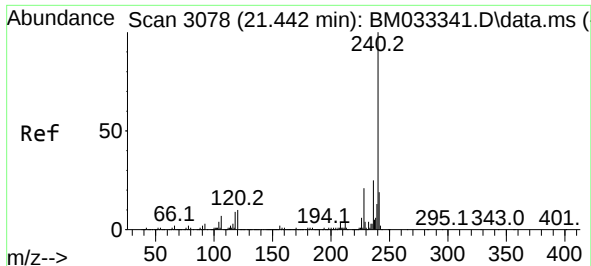
Tgt Ion:172 Resp: 705123
Ion Ratio Lower Upper
172 100
171 34.5 27.2 40.8
170 23.3 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

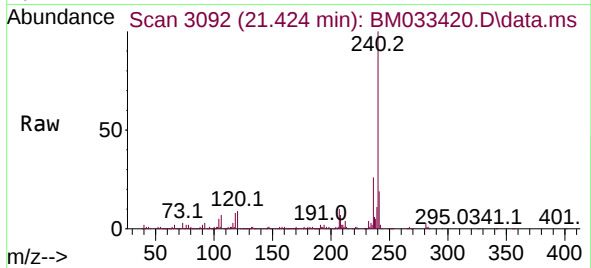
Tgt Ion:188 Resp: 251441
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 8.5 8.9 13.3#



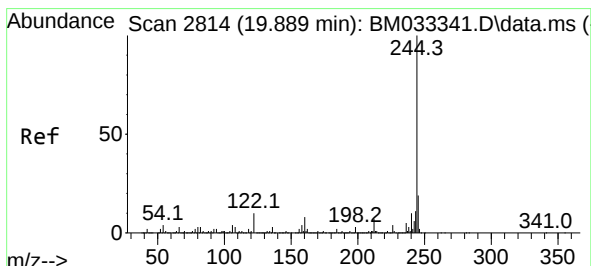
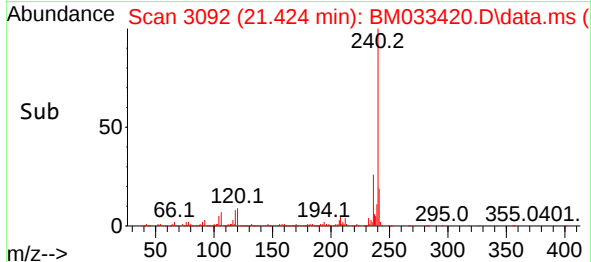
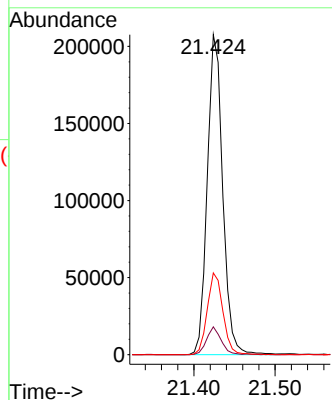


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3078
Delta R.T. -0.018 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Instrument :
BNA_M
ClientSampleId :

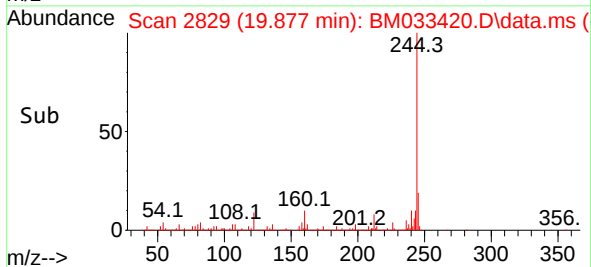
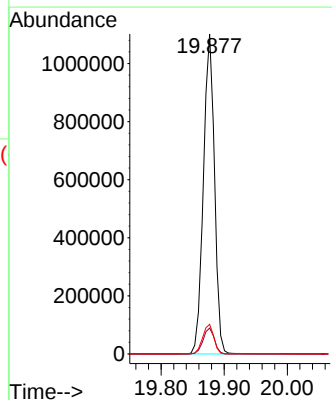
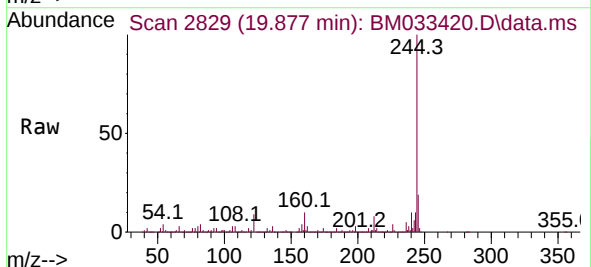


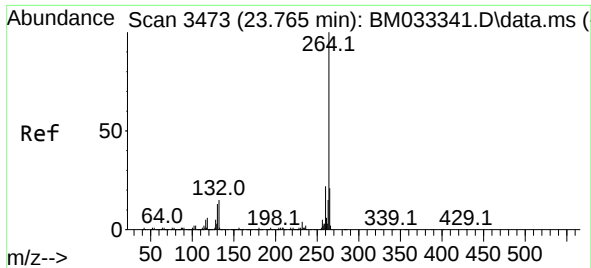
Tgt Ion:240 Resp: 273746
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 90.974 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

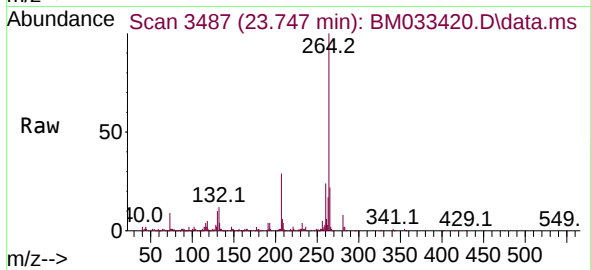
Tgt Ion:244 Resp: 1344199
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.2 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.747 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM033420.D
Acq: 11 Dec 2021 19:54

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:264 Resp: 260753

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.7	26.5
265	21.9	17.7	26.5

