

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033560.D
 Acq On : 21 Dec 2021 18:50
 Operator : CG/JU
 Sample : M5182-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21

Quant Time: Dec 22 03:39:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 16:25:49 2021
 Response via : Initial Calibration

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

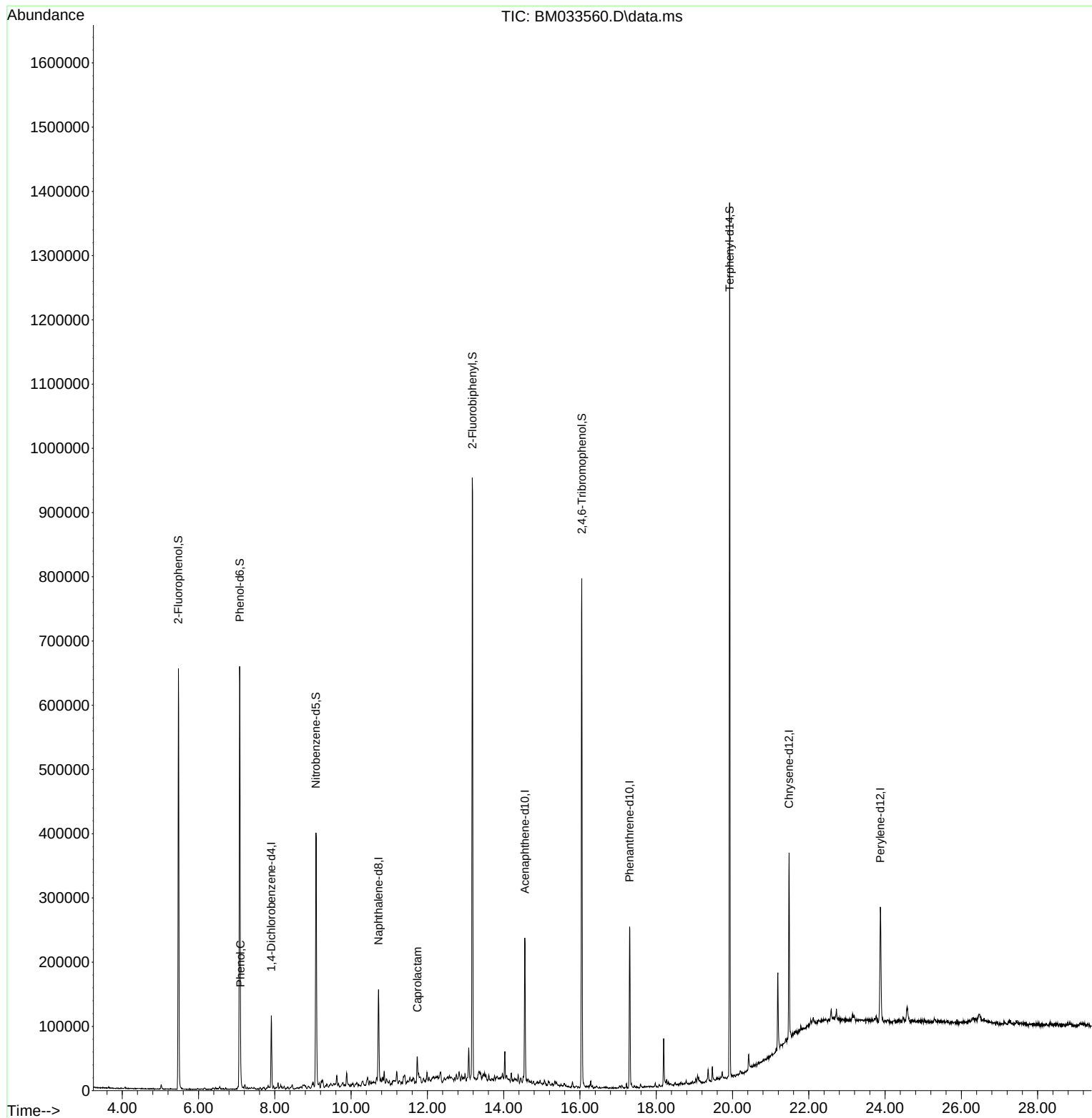
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	24129	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	99672	20.000	ng	# 0.00
39) Acenaphthene-d10	14.554	164	71245	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	146767	20.000	ng	0.00
76) Chrysene-d12	21.483	240	130111	20.000	ng	0.00
86) Perylene-d12	23.877	264	129984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	209550	149.483	ng	0.00
7) Phenol-d6	7.078	99	281001	143.178	ng	0.00
23) Nitrobenzene-d5	9.078	82	214907	89.557	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	107543	122.589	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	422912	83.691	ng	0.00
79) Terphenyl-d14	19.924	244	568710	72.704	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.084	77	731	Below Cal	#	7
10) Phenol	7.102	94	4029	2.068 ng	#	21
35) Caprolactam	11.737	113	1210	3.667 ng	#	10

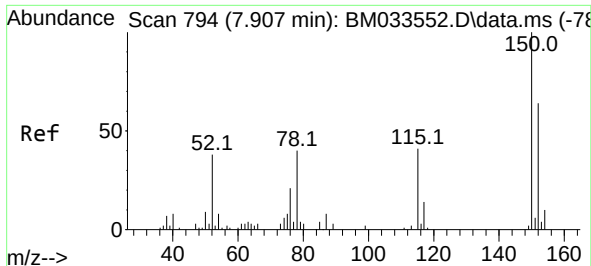
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033560.D
Acq On : 21 Dec 2021 18:50
Operator : CG/JU
Sample : M5182-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

Quant Time: Dec 22 03:39:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 16:25:49 2021
Response via : Initial Calibration

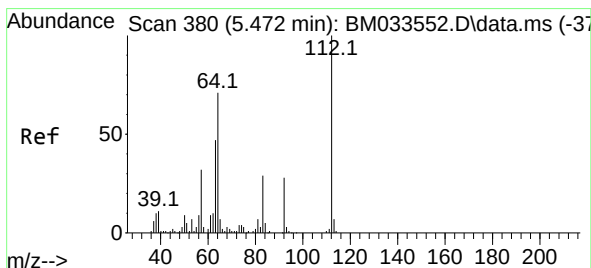
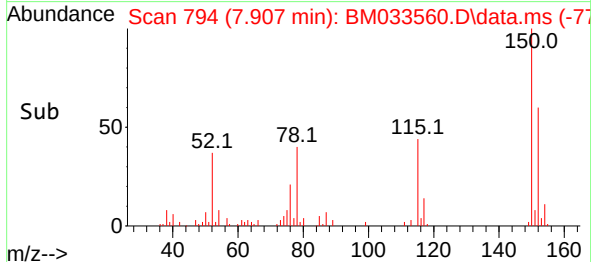
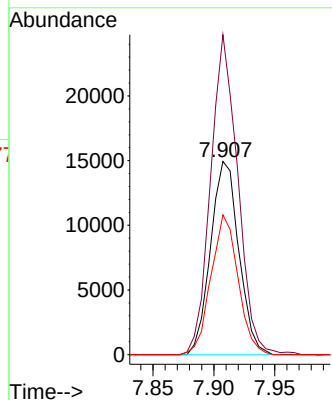
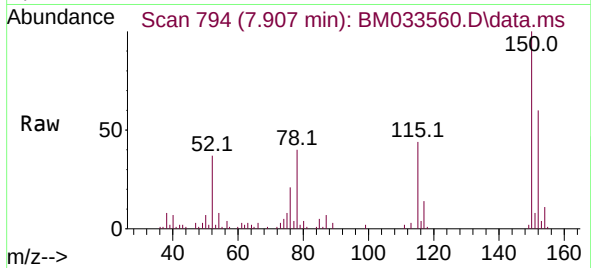




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

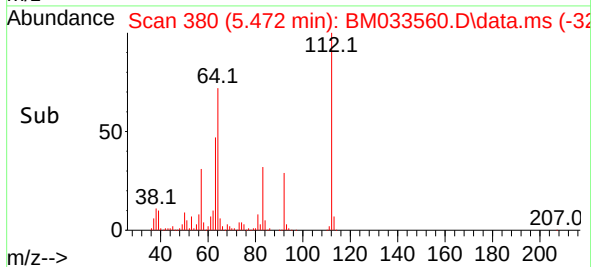
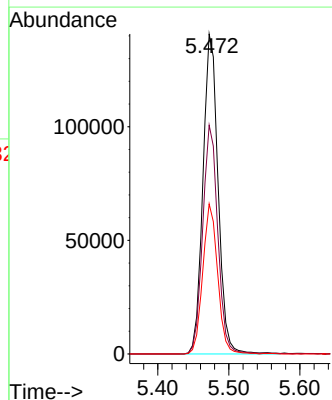
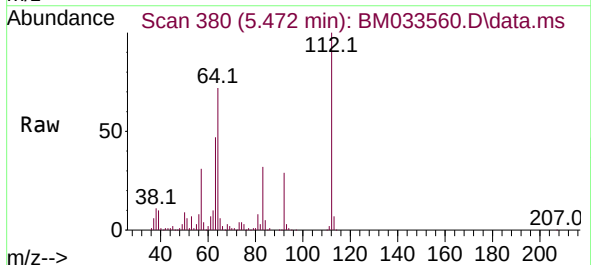
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

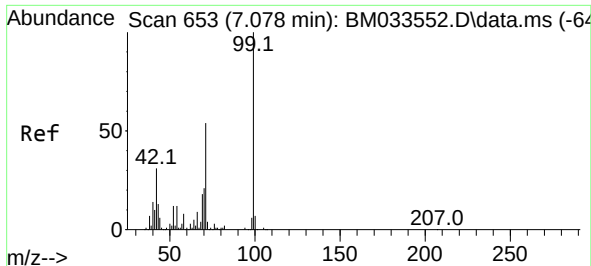
Tgt Ion:152 Resp: 24129
Ion Ratio Lower Upper
152 100
150 165.6 128.9 193.3
115 72.3 53.0 79.6



#5
2-Fluorophenol
Concen: 149.483 ng
RT: 5.472 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

Tgt Ion:112 Resp: 209550
Ion Ratio Lower Upper
112 100
64 71.5 55.5 83.3
63 46.9 31.3 46.9

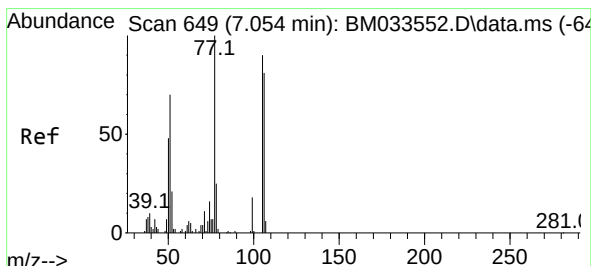
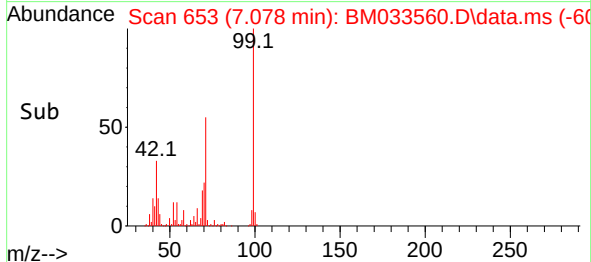
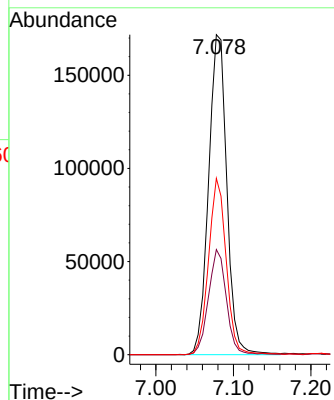
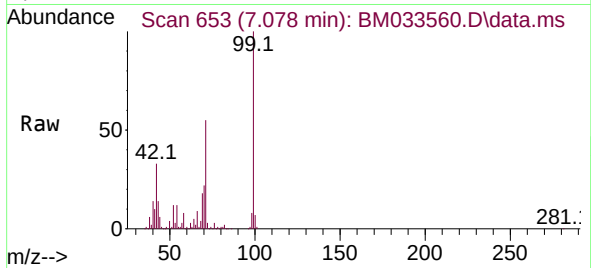




#7
Phenol-d6
Concen: 143.178 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

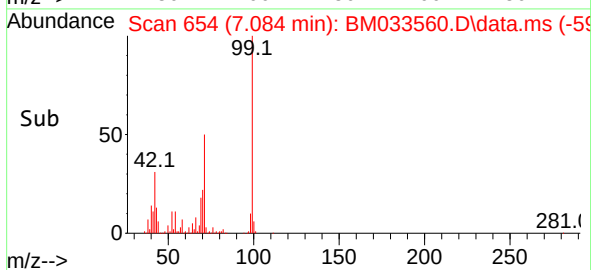
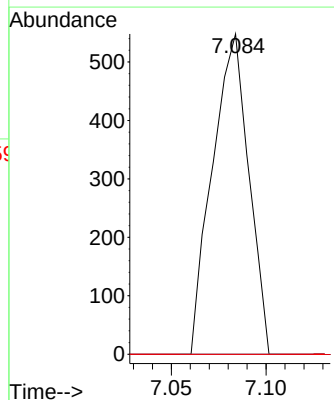
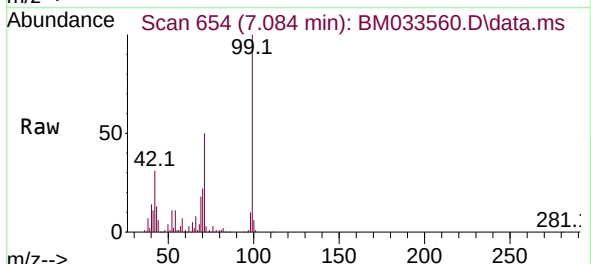
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

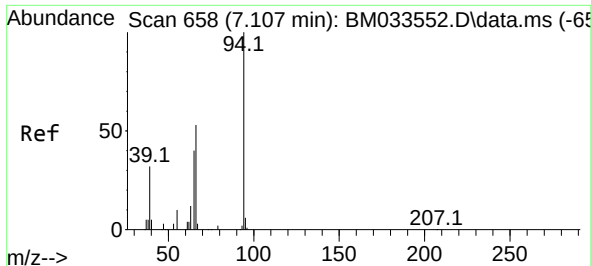
Tgt Ion: 99 Resp: 281001
Ion Ratio Lower Upper
99 100
42 32.9 20.3 30.5#
71 55.1 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.084 min Scan# 654
Delta R.T. 0.030 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

Tgt Ion: 77 Resp: 731
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

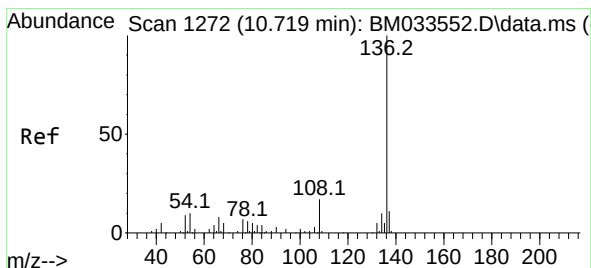
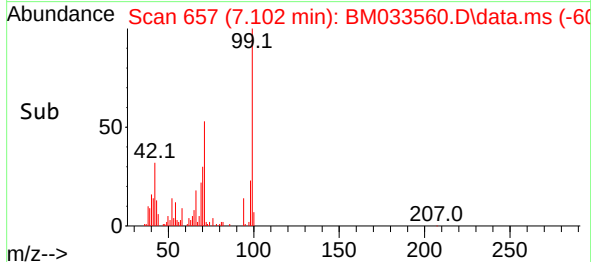
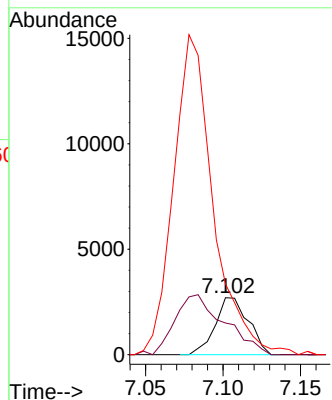
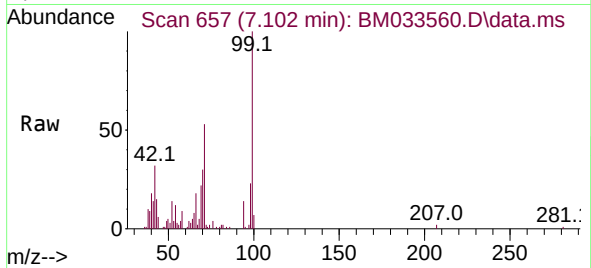




#10
Phenol
Concen: 2.068 ng
RT: 7.102 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

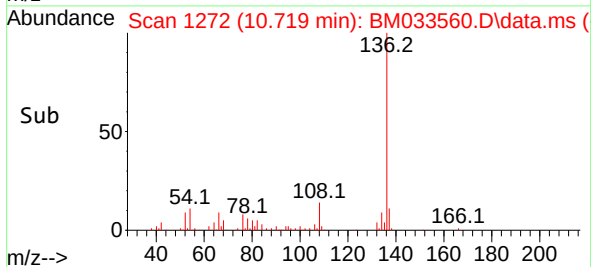
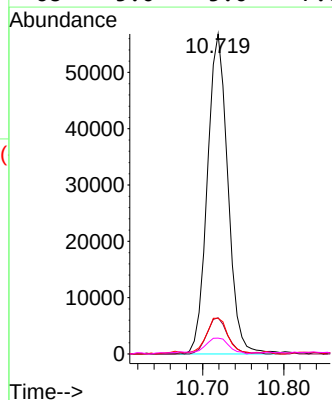
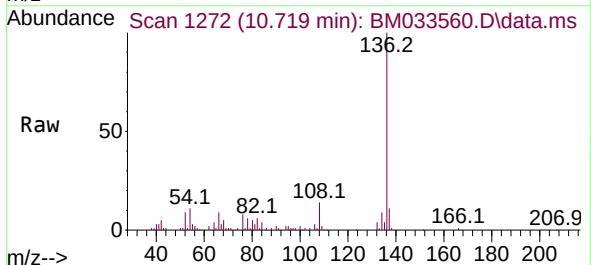
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

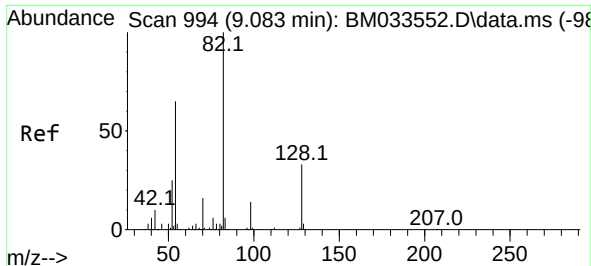
Tgt Ion: 94 Resp: 4029
Ion Ratio Lower Upper
94 100
65 55.7 15.5 55.5#
66 124.3 28.5 68.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

Tgt Ion:136 Resp: 99672
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 11.2 8.3 12.5
68 5.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 89.557 ng

RT: 9.078 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM033560.D

Acq: 21 Dec 2021 18:50

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21

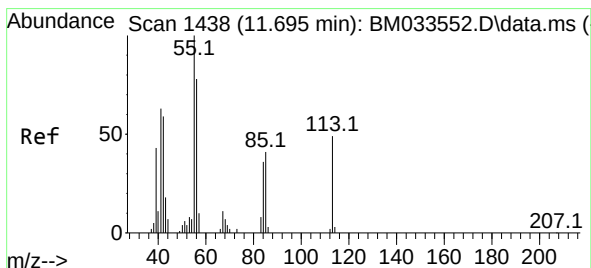
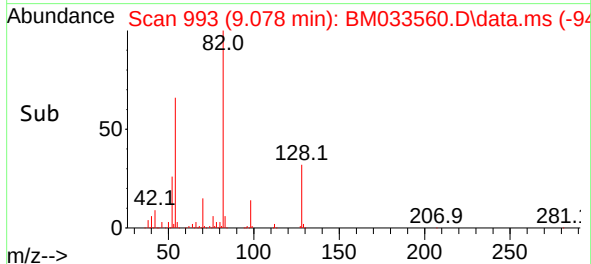
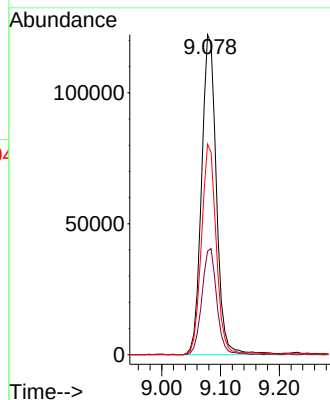
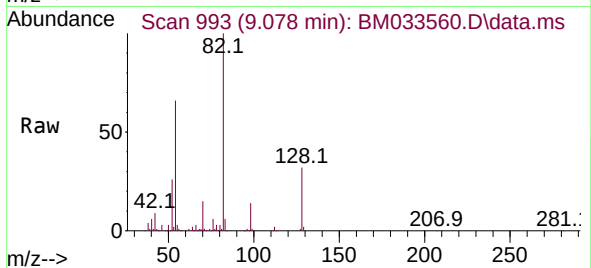
Tgt Ion: 82 Resp: 214907

Ion Ratio Lower Upper

82 100

128 32.4 28.1 42.1

54 65.8 46.1 69.1



#35

Caprolactam

Concen: 3.667 ng

RT: 11.737 min Scan# 1445

Delta R.T. 0.041 min

Lab File: BM033560.D

Acq: 21 Dec 2021 18:50

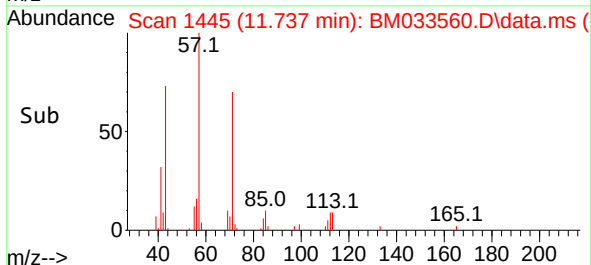
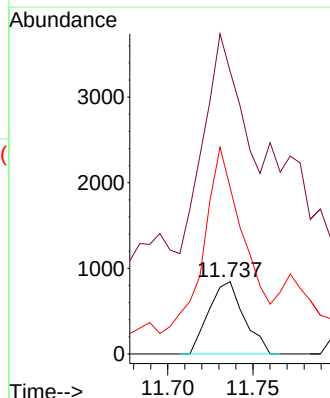
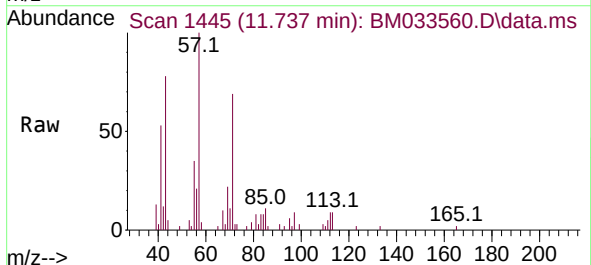
Tgt Ion: 113 Resp: 1210

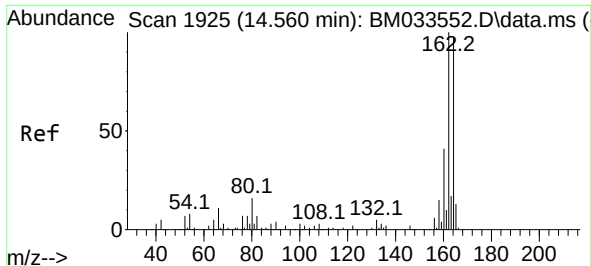
Ion Ratio Lower Upper

113 100

55 390.4 183.6 223.6#

56 230.1 143.7 183.7#

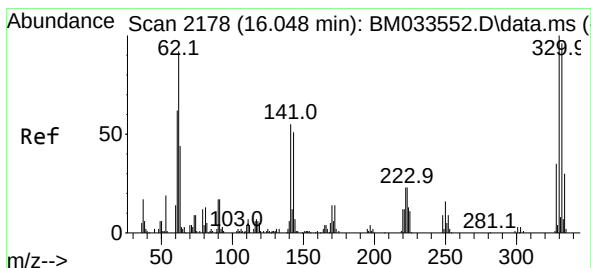
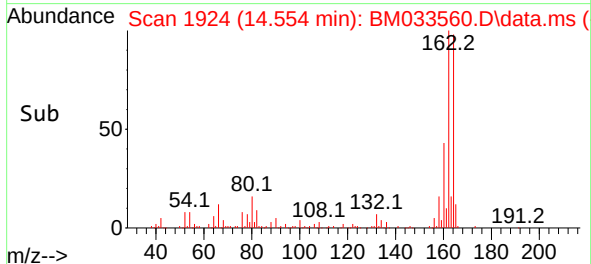
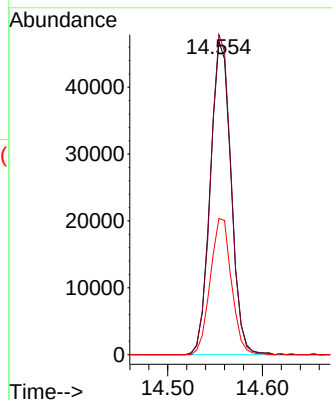
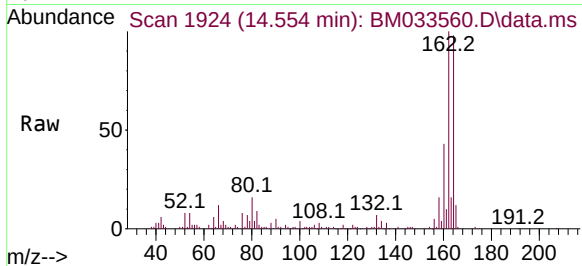




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

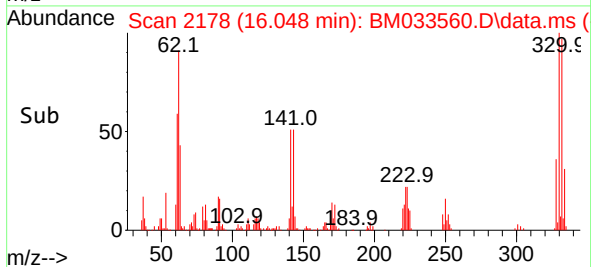
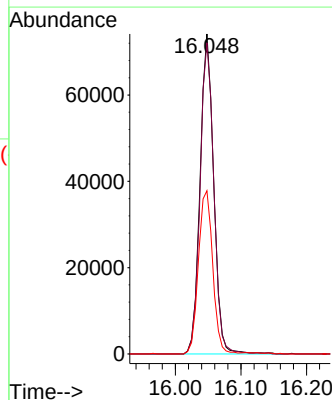
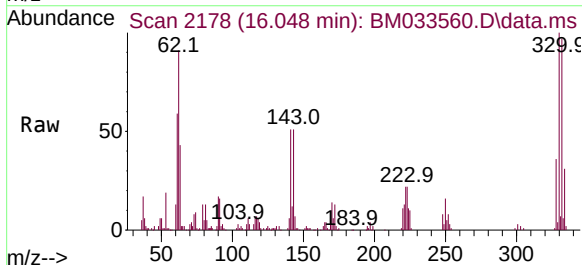
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

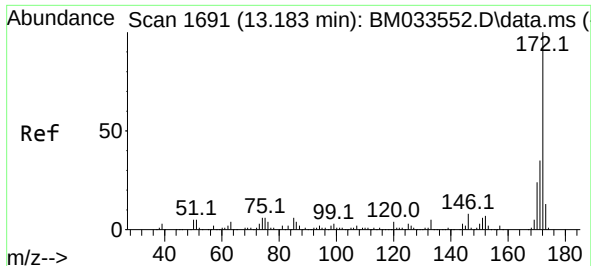
Tgt Ion:164 Resp: 71245
Ion Ratio Lower Upper
164 100
162 102.1 79.7 119.5
160 43.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 122.589 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

Tgt Ion:330 Resp: 107543
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 53.5 35.9 53.9

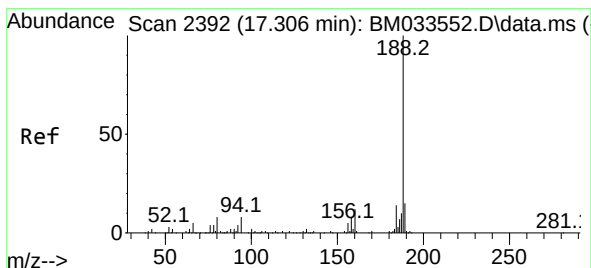
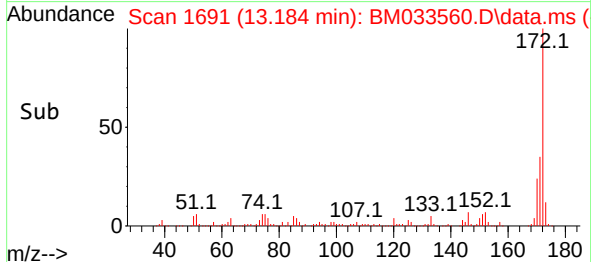
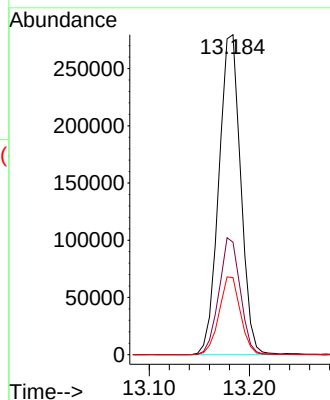
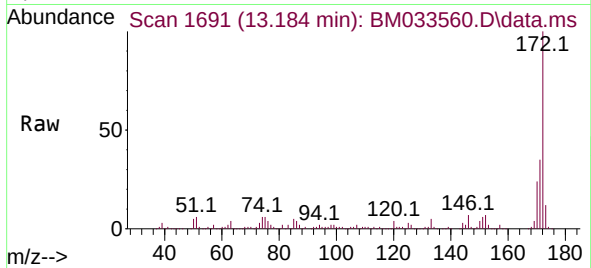




#45
2-Fluorobiphenyl
Concen: 83.691 ng
RT: 13.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

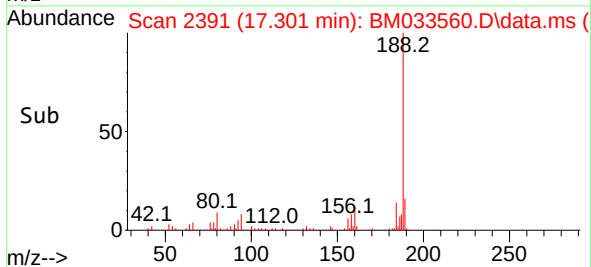
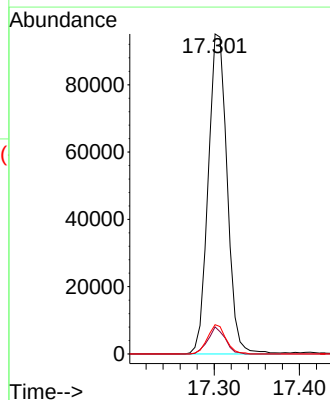
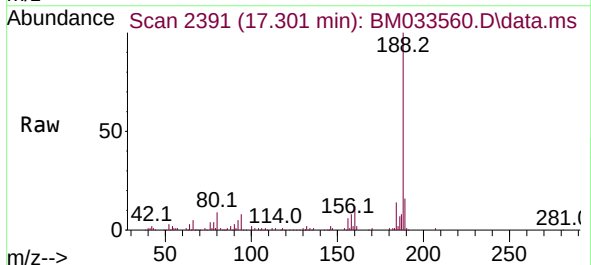
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

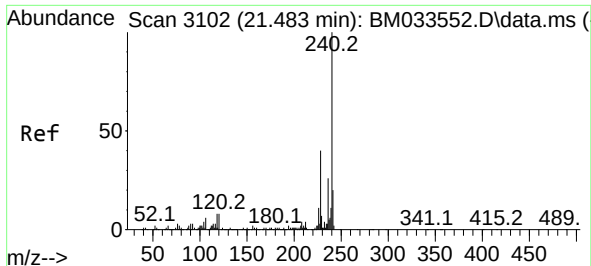
Tgt Ion:172 Resp: 422912
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 24.1 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

Tgt Ion:188 Resp: 146767
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.2 8.9 13.3

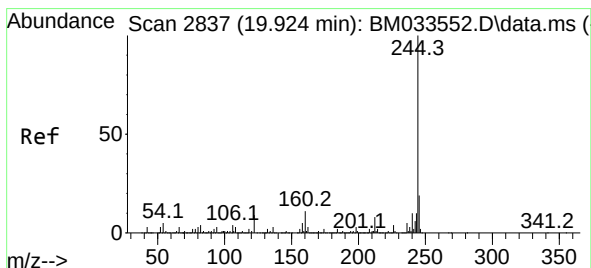
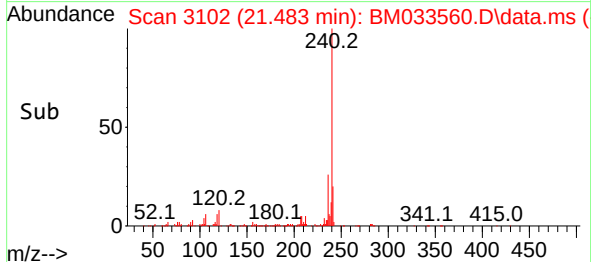
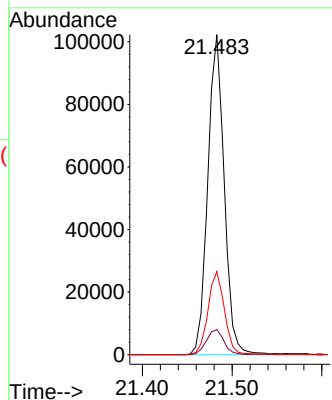
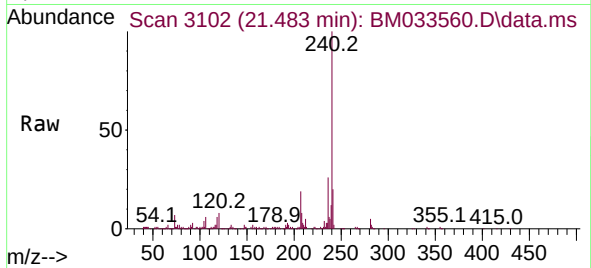




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

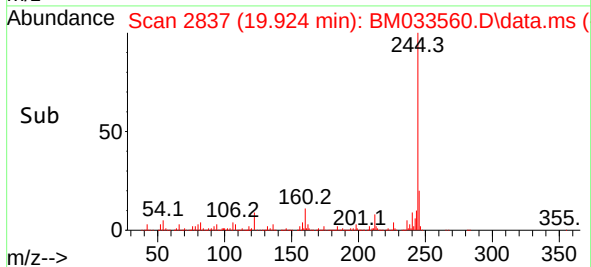
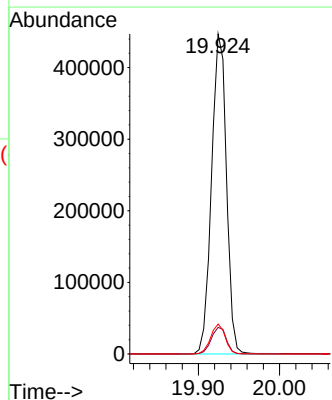
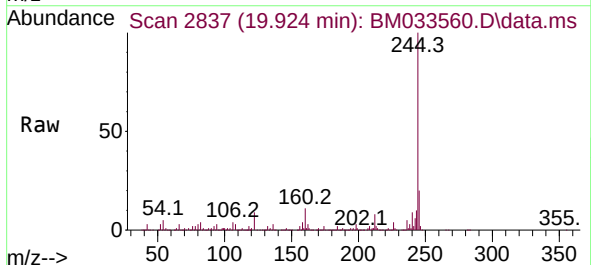
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21

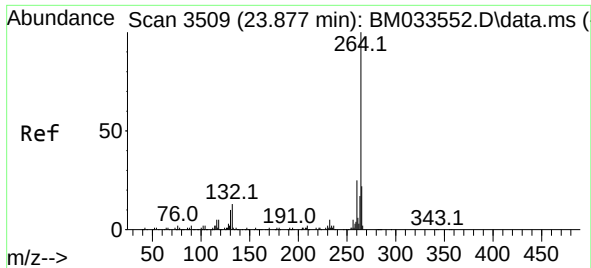
Tgt Ion:240 Resp: 130111
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 72.704 ng
RT: 19.924 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

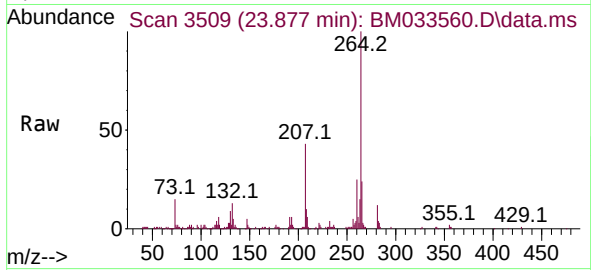
Tgt Ion:244 Resp: 568710
Ion Ratio Lower Upper
244 100
212 8.3 5.9 8.9
122 9.3 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.877 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033560.D
Acq: 21 Dec 2021 18:50

Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21



Tgt Ion:	264	Resp:	129984
Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.7	26.5
265	23.6	17.7	26.5

