

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033563.D
 Acq On : 21 Dec 2021 20:38
 Operator : CG/JU
 Sample : M5182-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HB-1-(18.5-23.5)-12-17-21

Quant Time: Dec 22 03:39:54 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)

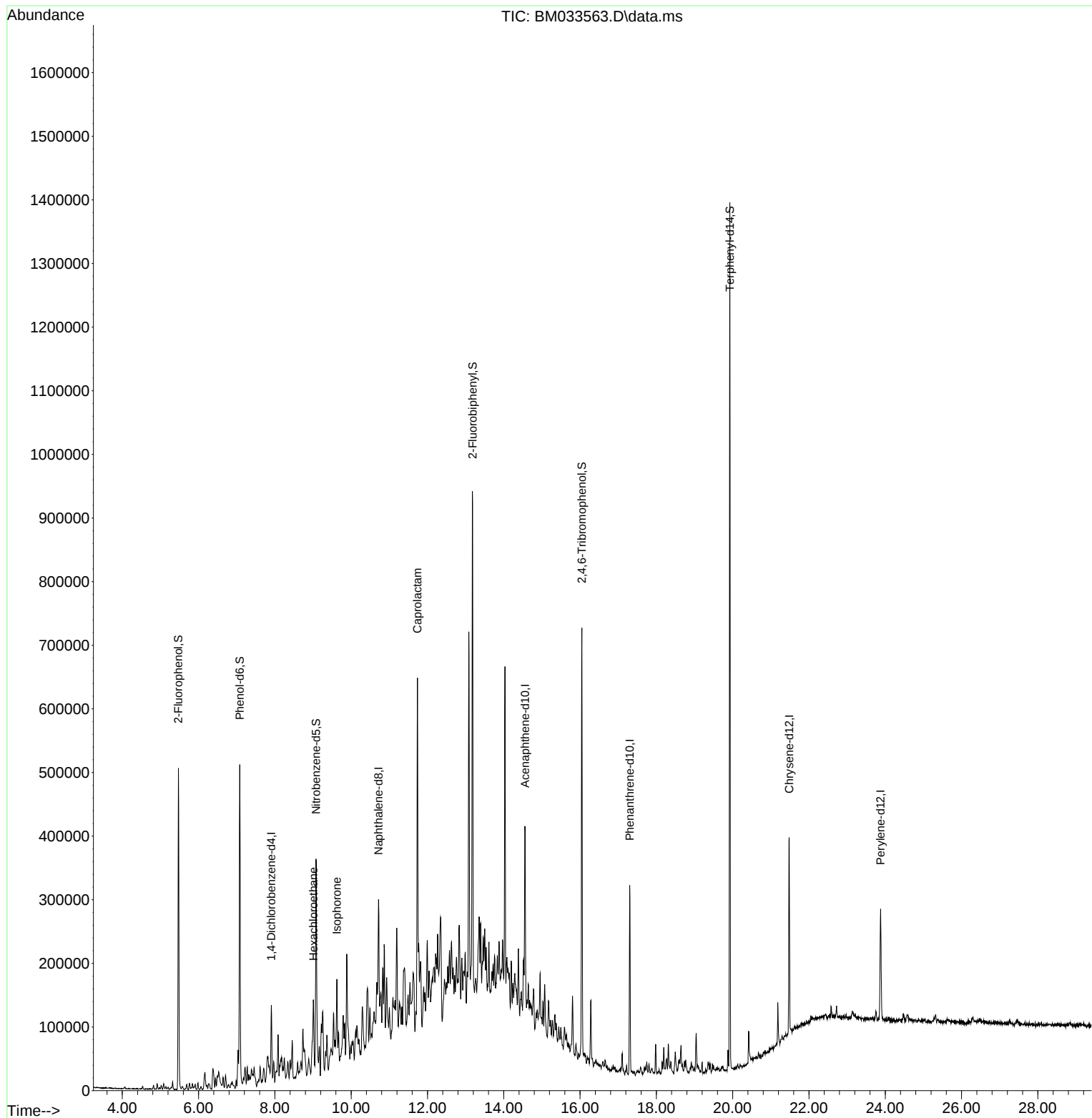
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	26402	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	113299	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	81926	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	162088	20.000	ng	# 0.00
76) Chrysene-d12	21.483	240	142272	20.000	ng	0.00
86) Perylene-d12	23.877	264	127139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	162658	106.043	ng	0.00
7) Phenol-d6	7.078	99	221561	103.173	ng	0.00
23) Nitrobenzene-d5	9.078	82	170482	62.499	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	90604	89.815	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	367593	63.260	ng	0.00
79) Terphenyl-d14	19.924	244	527784	61.705	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.031	77	1029	Below Cal	#	7
18) Hexachloroethane	9.013	117	2906	3.505 ng	#	1
25) Isophorone	9.625	82	11562	2.689 ng	#	1
35) Caprolactam	11.737	113	16577	44.199 ng	#	21

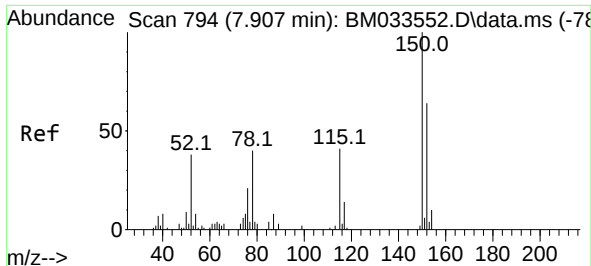
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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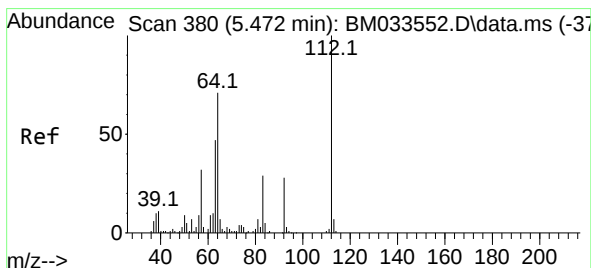
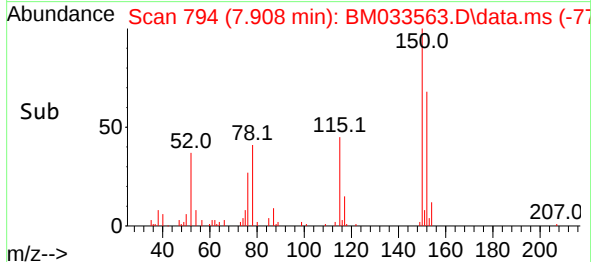
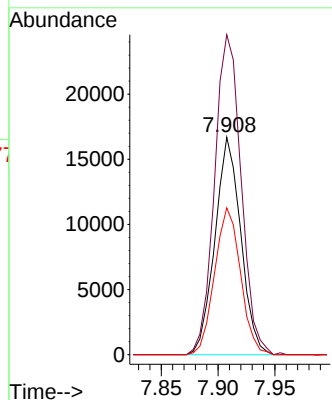
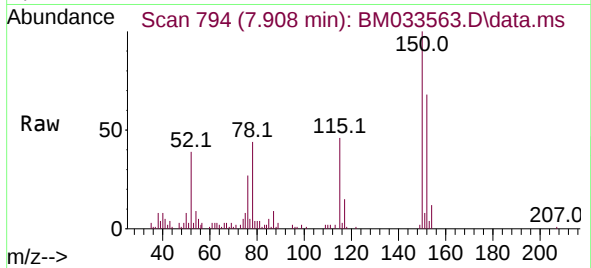




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.908 min Scan# 794
Delta R.T. 0.001 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

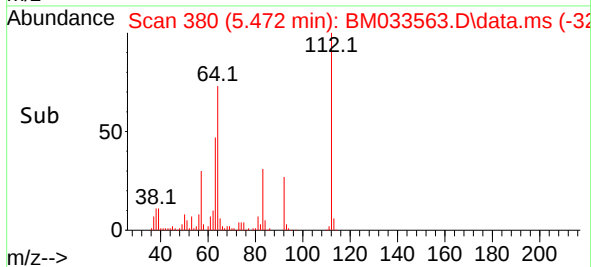
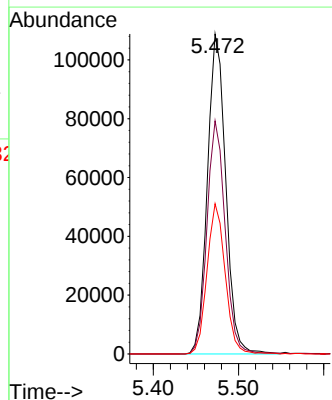
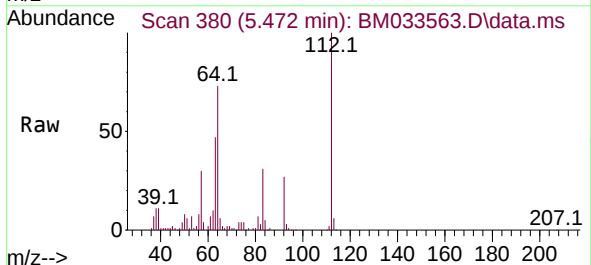
Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

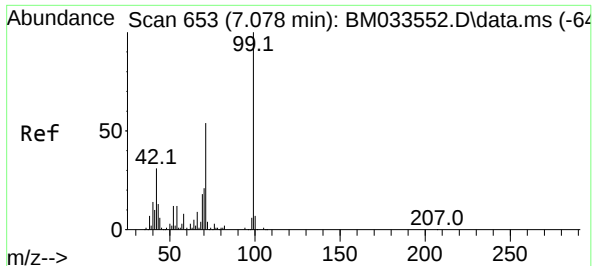
Tgt Ion:152 Resp: 26402
Ion Ratio Lower Upper
152 100
150 147.1 128.9 193.3
115 67.5 53.0 79.6



#5
2-Fluorophenol
Concen: 106.043 ng
RT: 5.472 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

Tgt Ion:112 Resp: 162658
Ion Ratio Lower Upper
112 100
64 72.9 55.5 83.3
63 47.0 31.3 46.9#

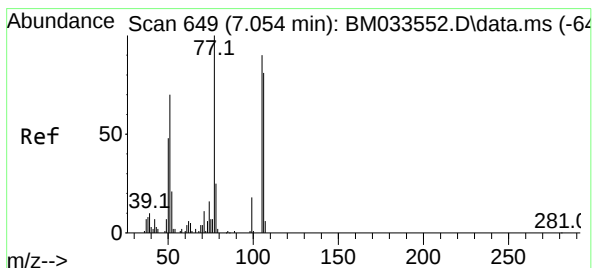
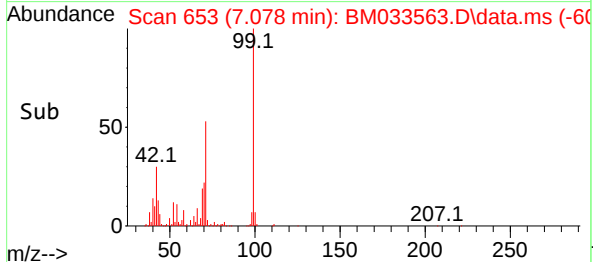
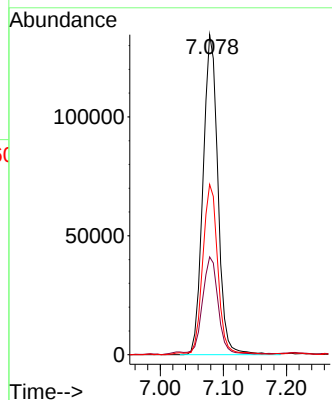
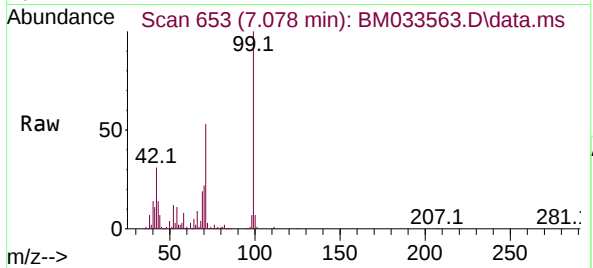




#7
Phenol-d6
Concen: 103.173 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

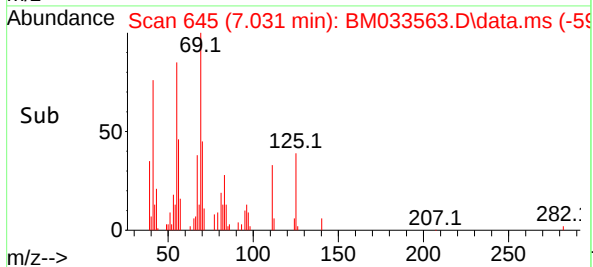
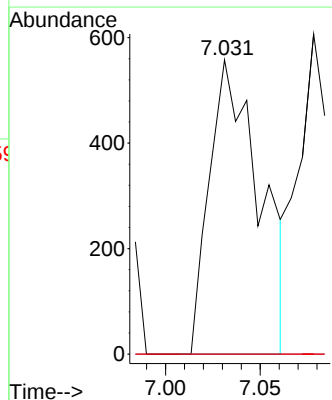
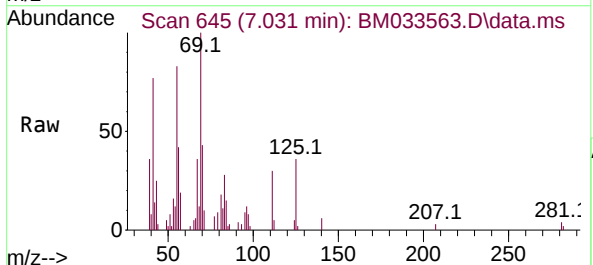
Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

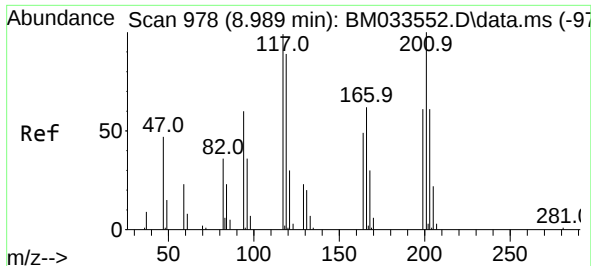
Tgt Ion: 99 Resp: 221561
Ion Ratio Lower Upper
99 100
42 30.5 20.3 30.5#
71 53.2 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.031 min Scan# 645
Delta R.T. -0.023 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

Tgt Ion: 77 Resp: 1029
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

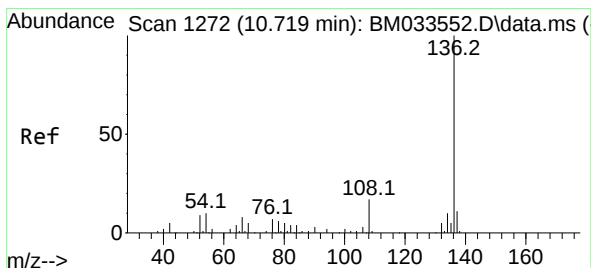
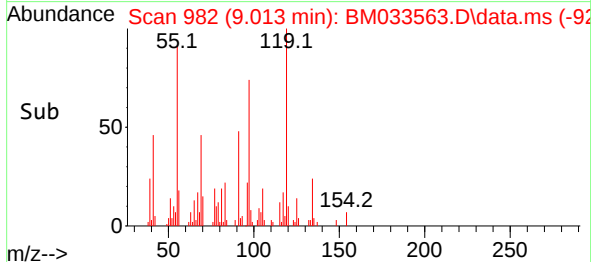
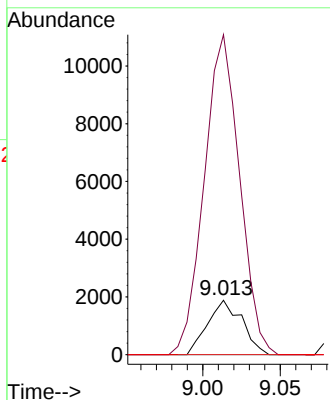
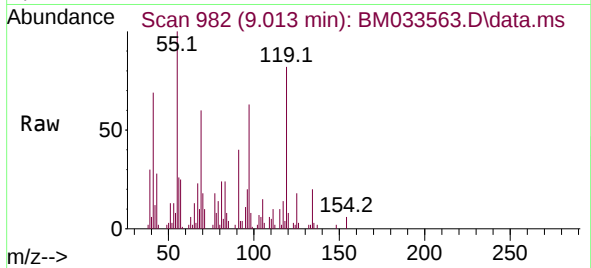




#18
Hexachloroethane
Concen: 3.505 ng
RT: 9.013 min Scan# 91
Delta R.T. 0.024 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

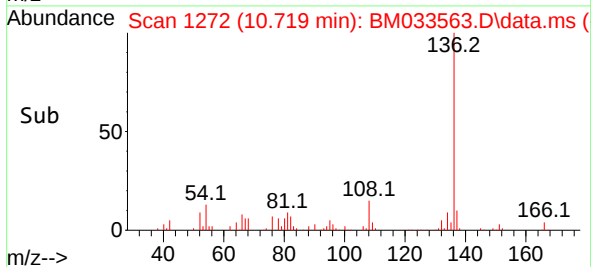
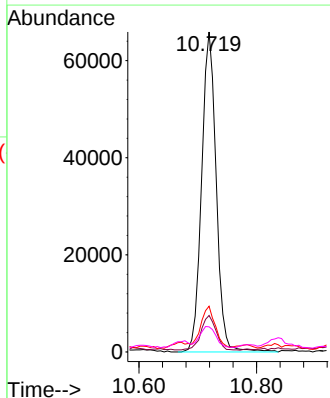
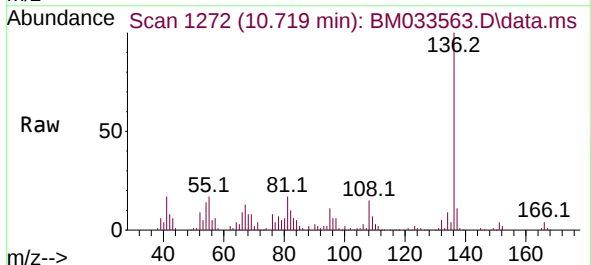
Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

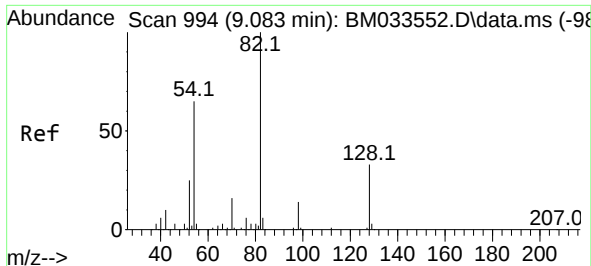
Tgt Ion:	117	Resp:	2906
Ion Ratio	Lower	Upper	
117	100		
119	588.7	75.0	112.6#
201	0.0	75.2	112.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

Tgt Ion:	136	Resp:	113299
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	14.3	8.3	12.5#
68	7.9	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 62.499 ng

RT: 9.078 min Scan# 91

Delta R.T. -0.005 min

Lab File: BM033563.D

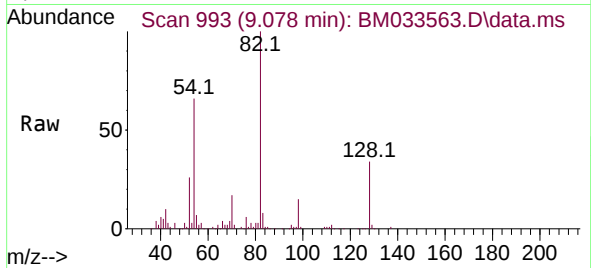
Acq: 21 Dec 2021 20:38

Instrument :

BNA_M

ClientSampleId :

HB-1-(18.5-23.5)-12-17-21



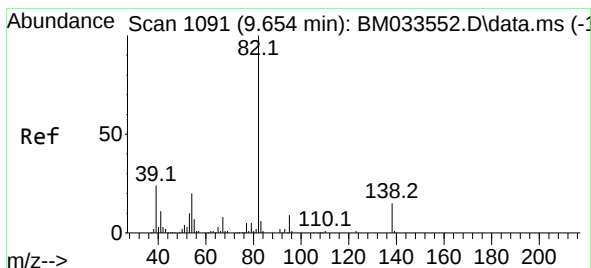
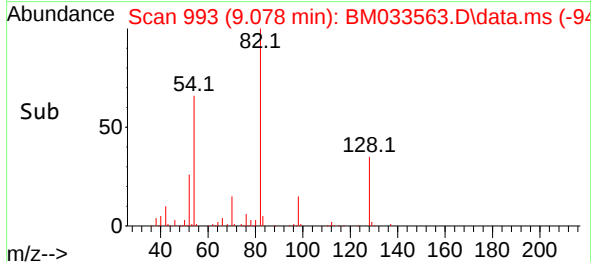
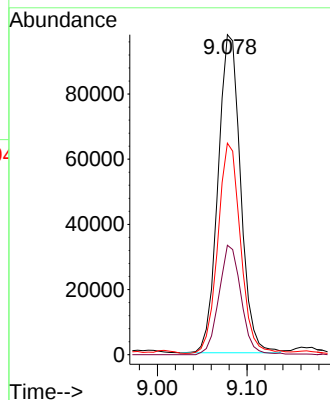
Tgt Ion: 82 Resp: 170482

Ion Ratio Lower Upper

82 100

128 34.2 28.1 42.1

54 66.1 46.1 69.1



#25

Isophorone

Concen: 2.689 ng

RT: 9.625 min Scan# 1086

Delta R.T. -0.029 min

Lab File: BM033563.D

Acq: 21 Dec 2021 20:38

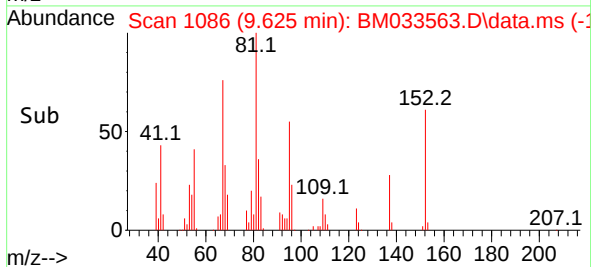
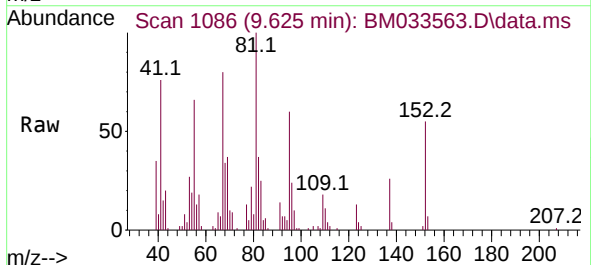
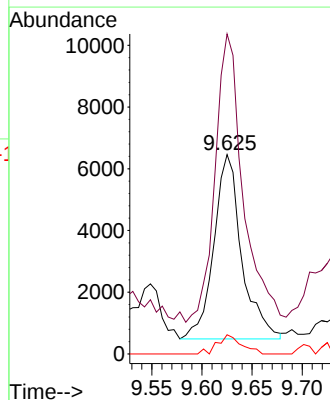
Tgt Ion: 82 Resp: 11562

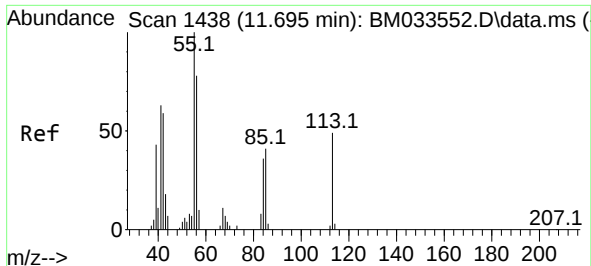
Ion Ratio Lower Upper

82 100

95 160.5 6.4 9.6#

138 9.6 12.4 18.6#

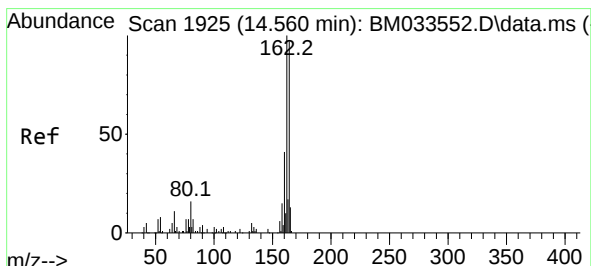
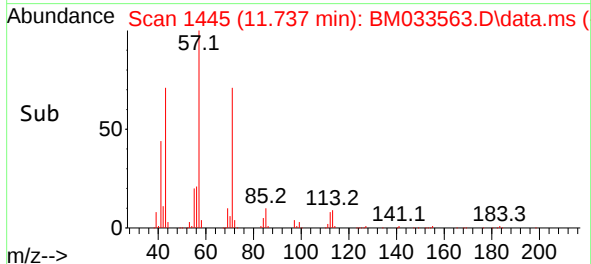
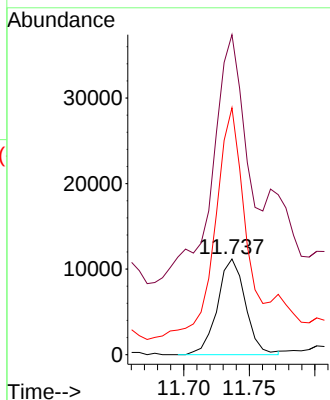
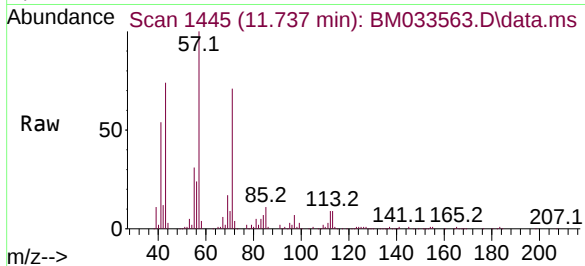




#35
Caprolactam
Concen: 44.199 ng
RT: 11.737 min Scan# 1438
Delta R.T. 0.042 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

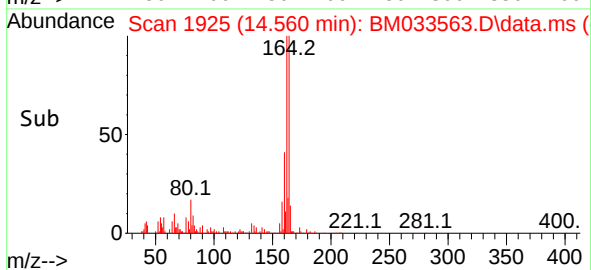
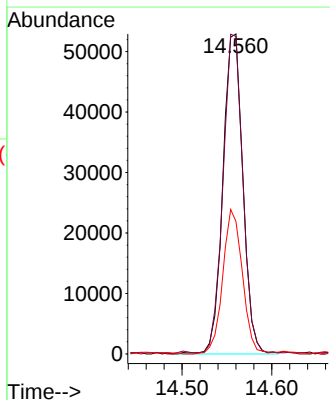
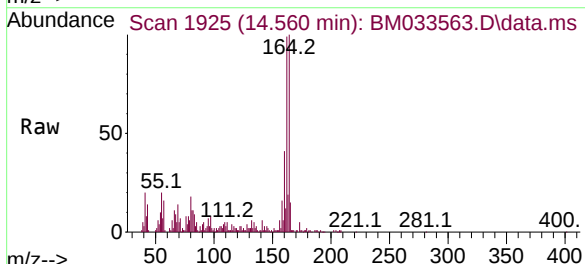
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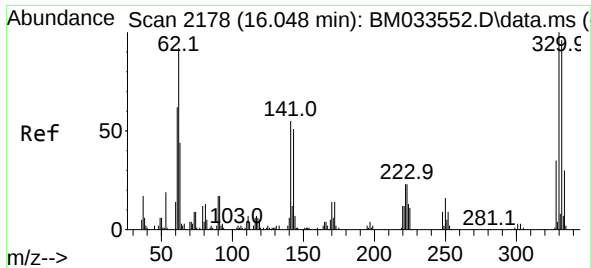
Tgt Ion:113 Resp: 16577
Ion Ratio Lower Upper
113 100
55 334.4 183.6 223.6#
56 258.0 143.7 183.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

Tgt Ion:164 Resp: 81926
Ion Ratio Lower Upper
164 100
162 99.2 79.7 119.5
160 41.4 34.2 51.4

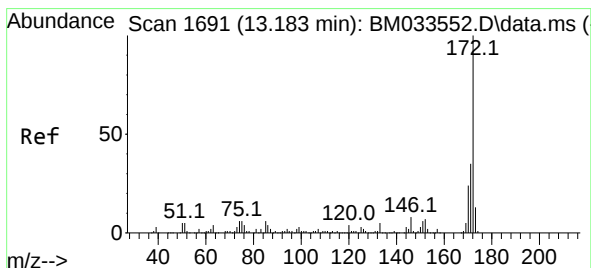
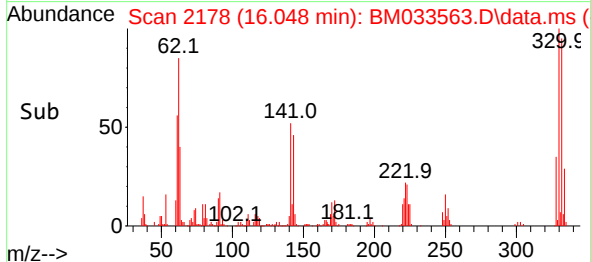
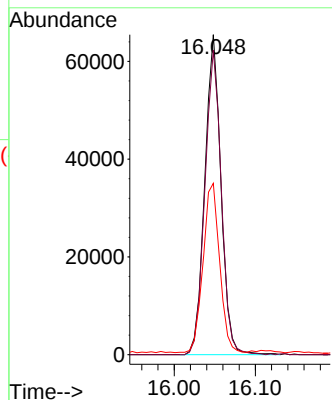
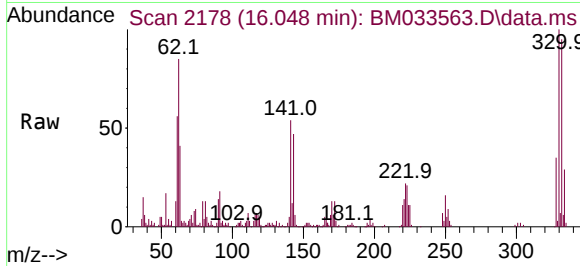




#42
2,4,6-Tribromophenol
Concen: 89.815 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

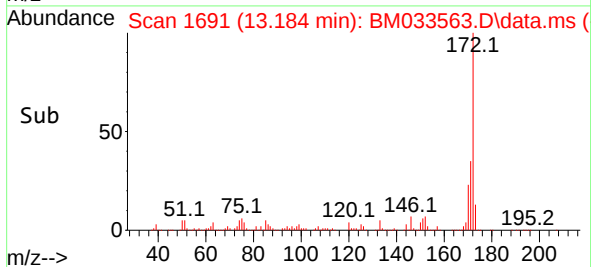
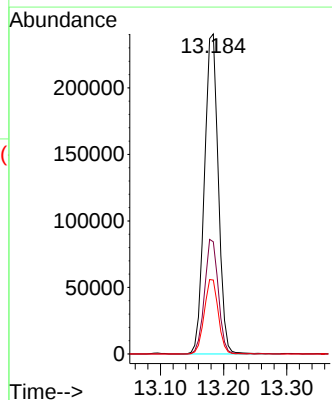
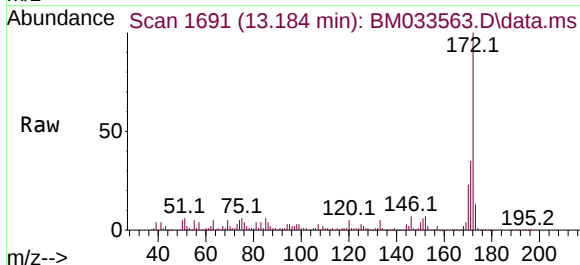
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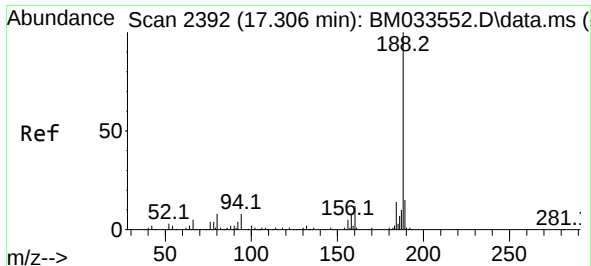
Tgt Ion:330 Resp: 90604
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 54.1 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 63.260 ng
RT: 13.184 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

Tgt Ion:172 Resp: 367593
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.1 18.7 28.1

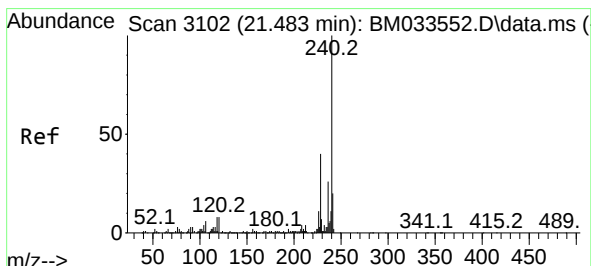
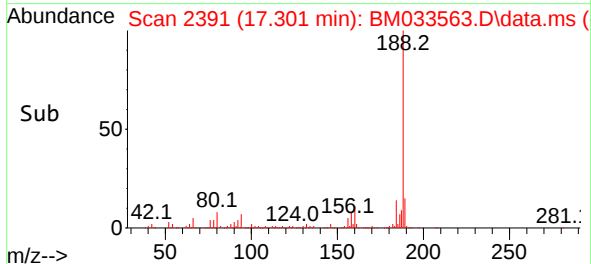
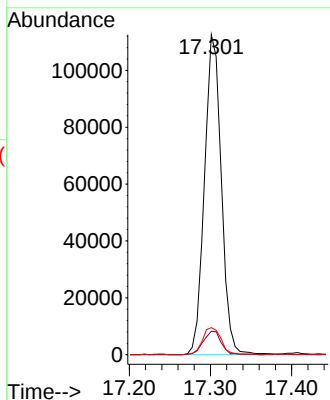
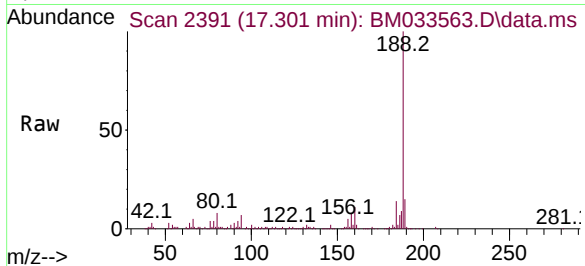




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

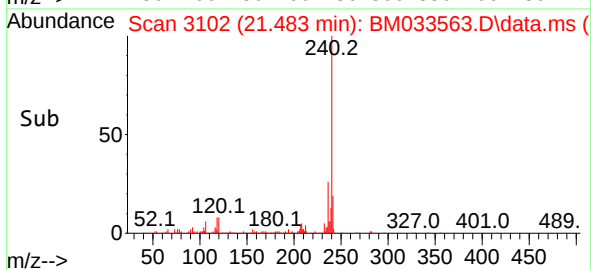
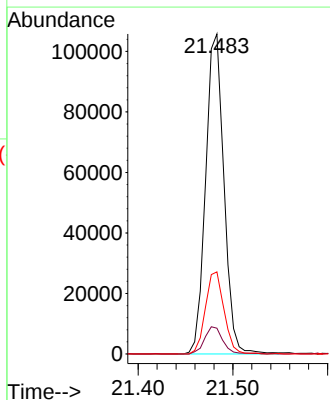
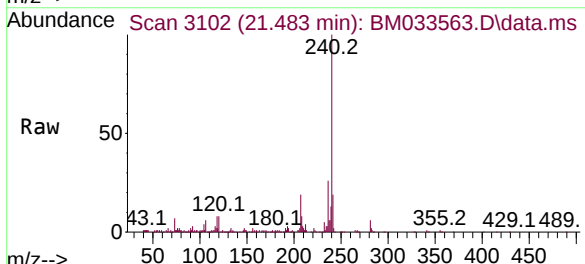
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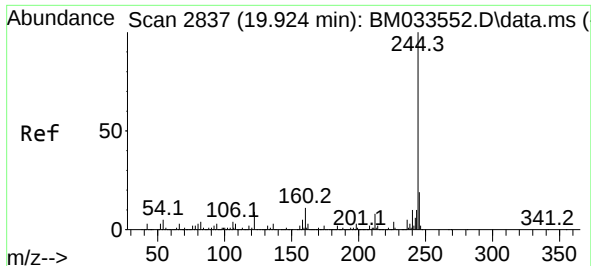
Tgt Ion:188 Resp: 162088
Ion Ratio Lower Upper
188 100
94 7.3 7.5 11.3#
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033563.D
Acq: 21 Dec 2021 20:38

Tgt Ion:240 Resp: 142272
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.6 20.3 30.5

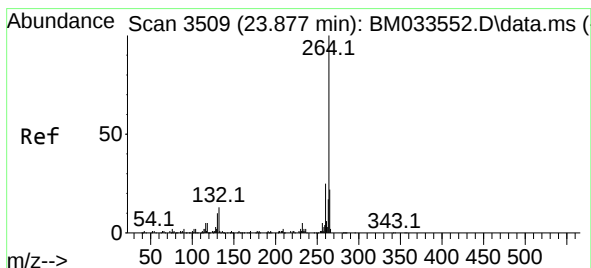
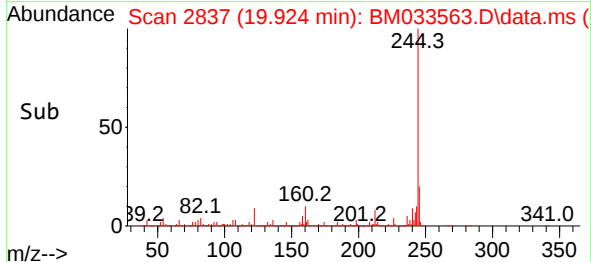
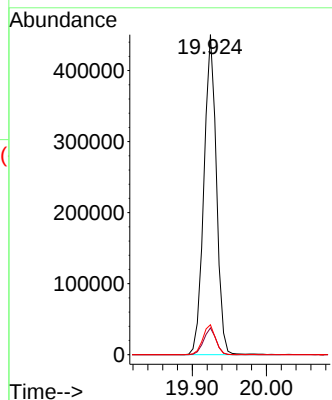
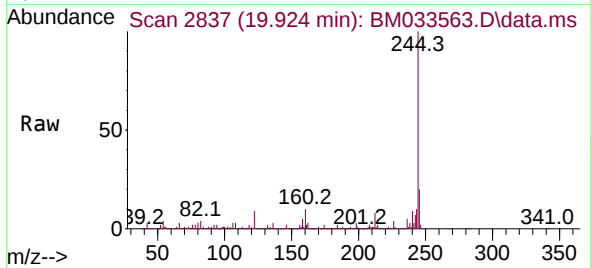




#79
 Terphenyl-d14
 Concen: 61.705 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033563.D
 Acq: 21 Dec 2021 20:38

Instrument :
 BNA_M
 ClientSampleId :
 HB-1-(18.5-23.5)-12-17-21

Tgt Ion:244 Resp: 527784
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 9.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.877 min Scan# 3509
 Delta R.T. 0.000 min
 Lab File: BM033563.D
 Acq: 21 Dec 2021 20:38

Tgt Ion:264 Resp: 127139
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.7 26.5
 265 21.9 17.7 26.5

