

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033565.D
 Acq On : 21 Dec 2021 21:50
 Operator : CG/JU
 Sample : M5182-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HB-3-(20-25)-12-17-21

Quant Time: Dec 22 03:40:12 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)

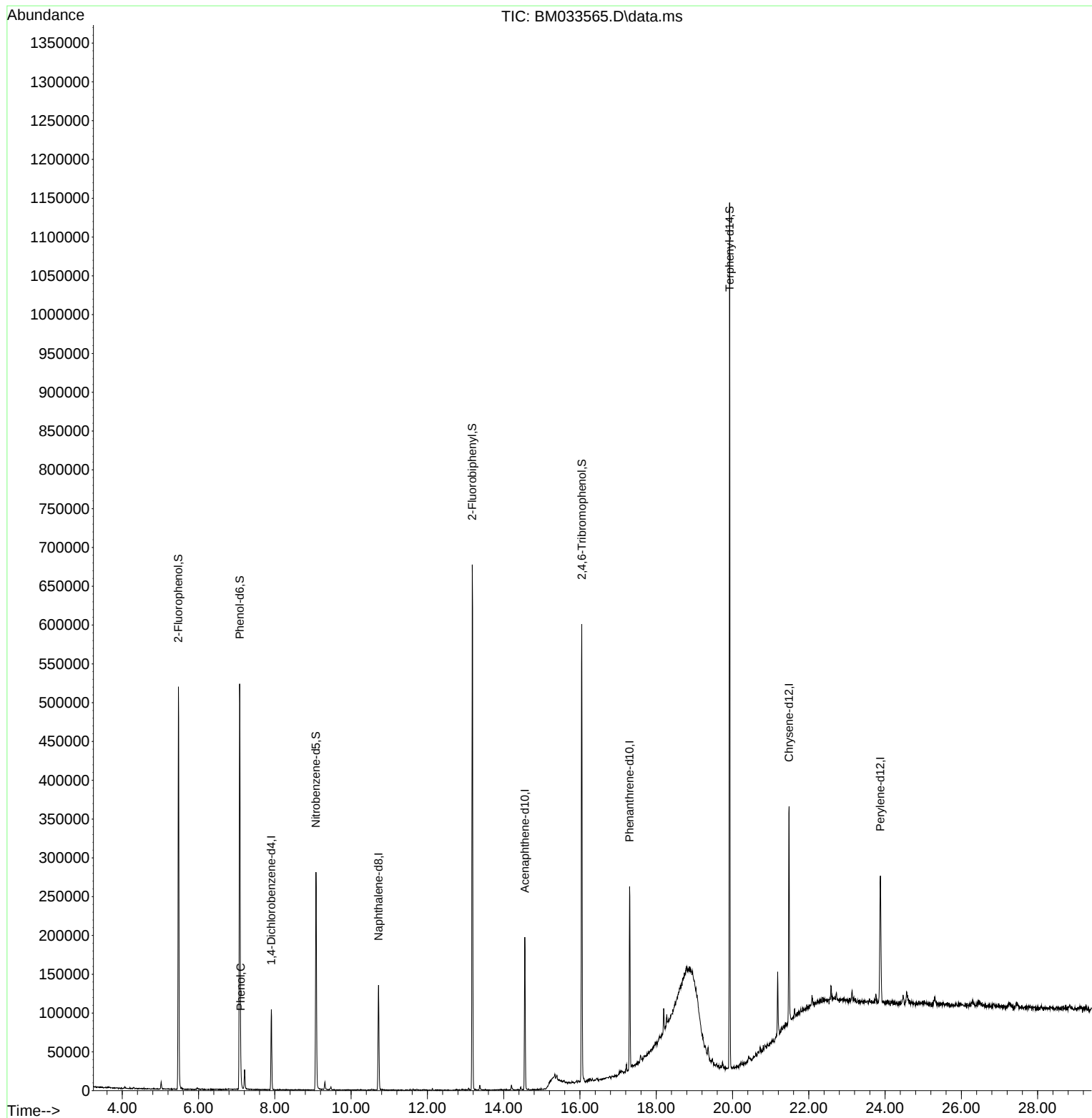
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	22977	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	96725	20.000	ng	# 0.00
39) Acenaphthene-d10	14.554	164	62597	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	128226	20.000	ng	# 0.00
76) Chrysene-d12	21.483	240	124823	20.000	ng	# 0.00
86) Perylene-d12	23.877	264	120259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	169502	126.977	ng	0.00
7) Phenol-d6	7.078	99	225500	120.659	ng	0.00
23) Nitrobenzene-d5	9.078	82	149138	64.043	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	78625	102.007	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	300261	67.628	ng	0.00
79) Terphenyl-d14	19.924	244	437396	58.286	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.084	77	988	Below Cal	#	7
10) Phenol	7.107	94	6721	3.623 ng	#	77

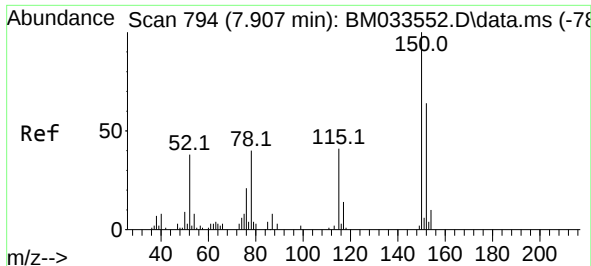
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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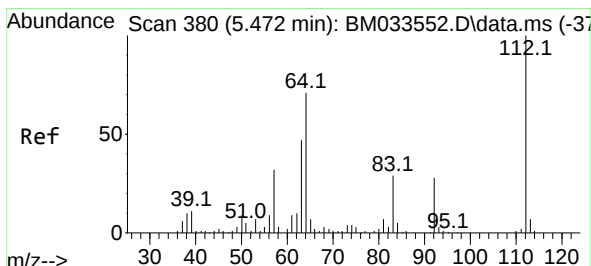
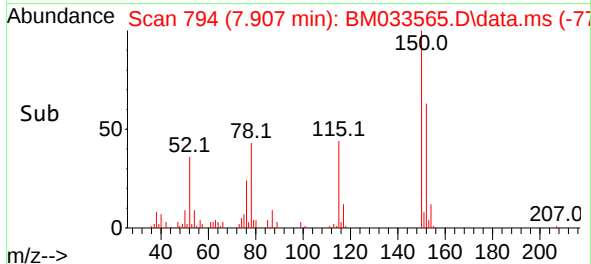
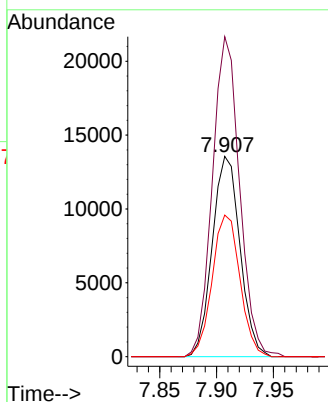
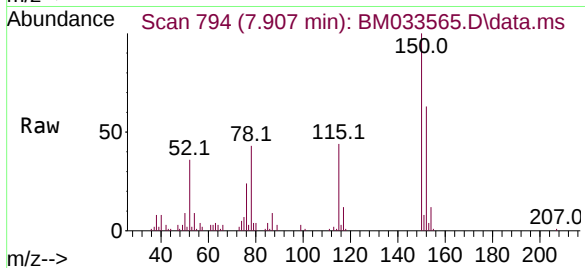




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

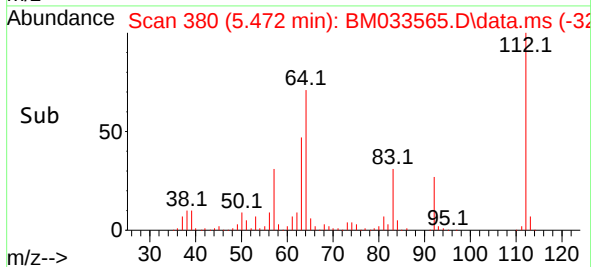
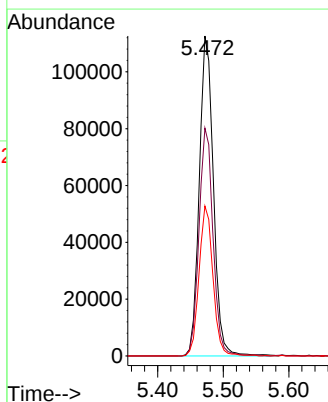
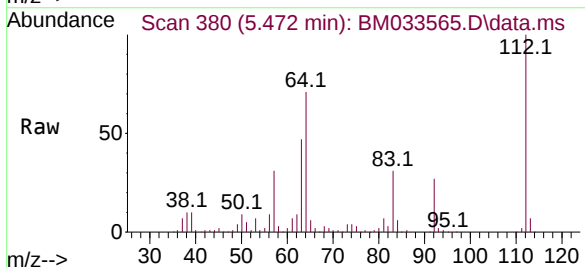
Instrument :
BNA_M
ClientSampleId :
HB-3-(20-25)-12-17-21

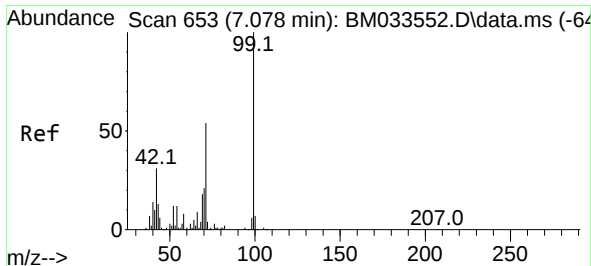
Tgt Ion:152 Resp: 22977
Ion Ratio Lower Upper
152 100
150 159.8 128.9 193.3
115 70.7 53.0 79.6



#5
2-Fluorophenol
Concen: 126.977 ng
RT: 5.472 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

Tgt Ion:112 Resp: 169502
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 46.9 31.3 46.9

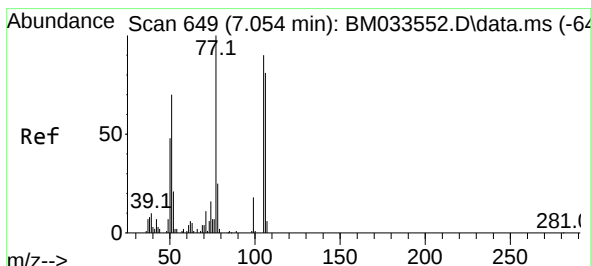
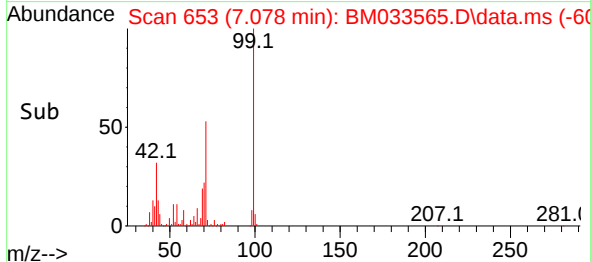
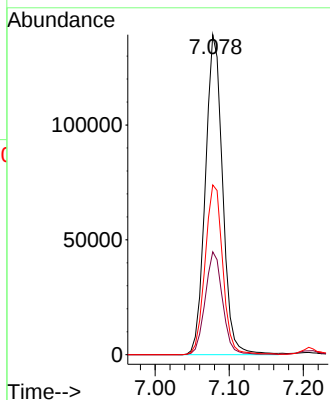
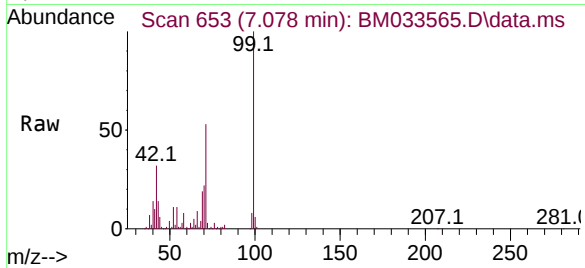




#7
Phenol-d6
Concen: 120.659 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

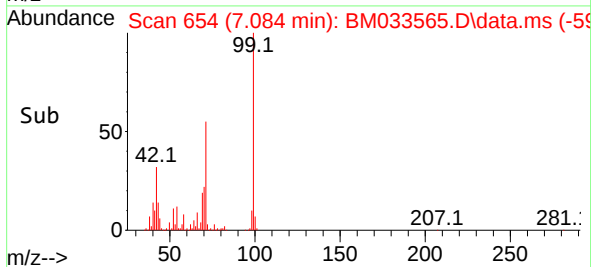
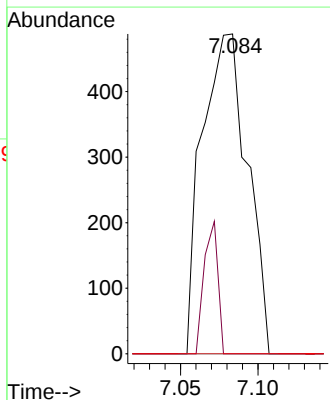
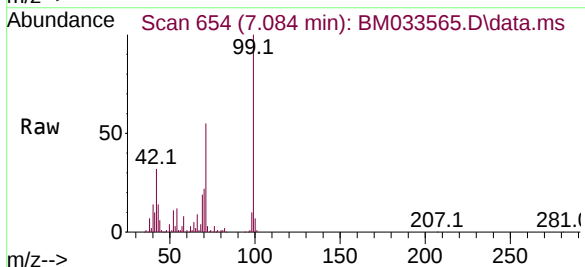
Instrument :
BNA_M
ClientSampleId :
HB-3-(20-25)-12-17-21

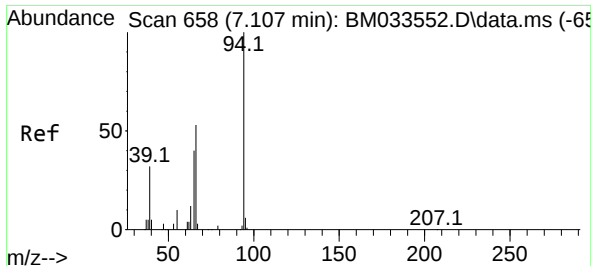
Tgt Ion: 99 Resp: 225500
Ion Ratio Lower Upper
99 100
42 32.1 20.3 30.5#
71 53.1 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.084 min Scan# 654
Delta R.T. 0.030 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

Tgt Ion: 77 Resp: 988
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

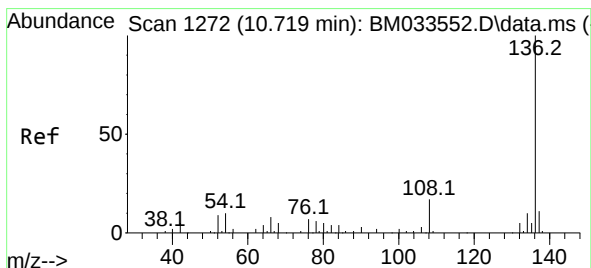
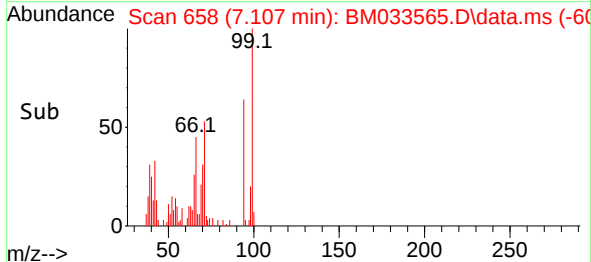
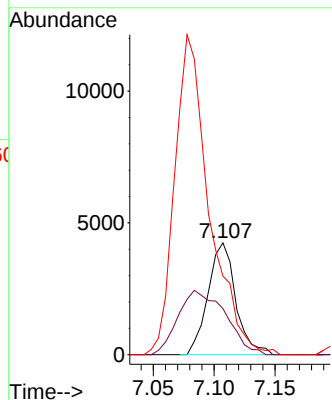
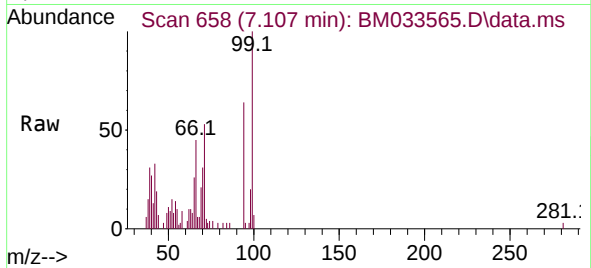




#10
Phenol
Concen: 3.623 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

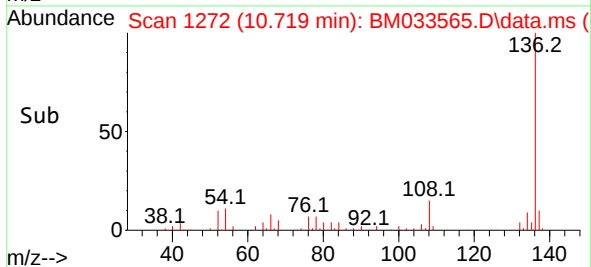
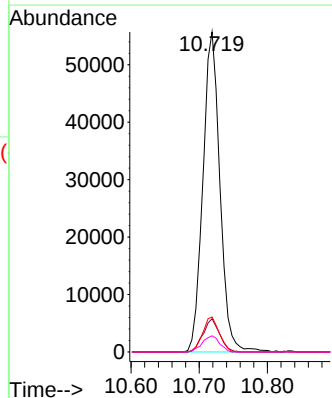
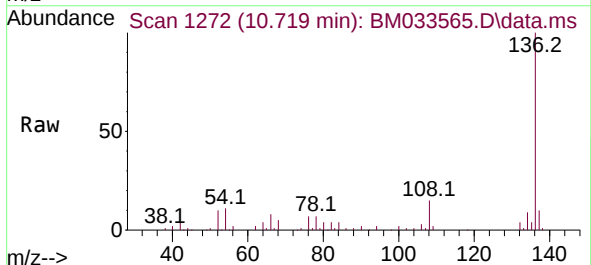
Instrument :
BNA_M
ClientSampleId :
HB-3-(20-25)-12-17-21

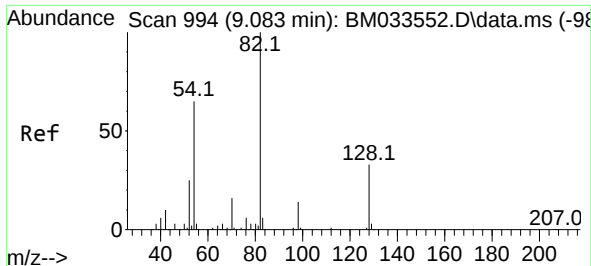
Tgt Ion: 94 Resp: 6721
Ion Ratio Lower Upper
94 100
65 41.2 15.5 55.5
66 70.2 28.5 68.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

Tgt Ion: 136 Resp: 96725
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.9 8.3 12.5
68 5.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 64.043 ng

RT: 9.078 min Scan# 994

Delta R.T. -0.006 min

Lab File: BM033565.D

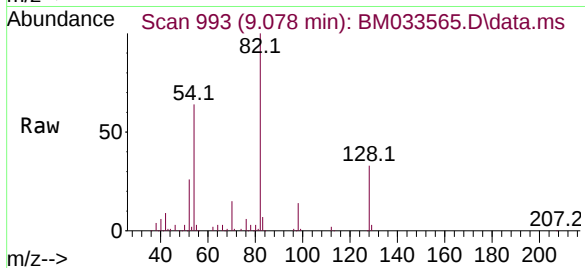
Acq: 21 Dec 2021 21:50

Instrument :

BNA_M

ClientSampleId :

HB-3-(20-25)-12-17-21



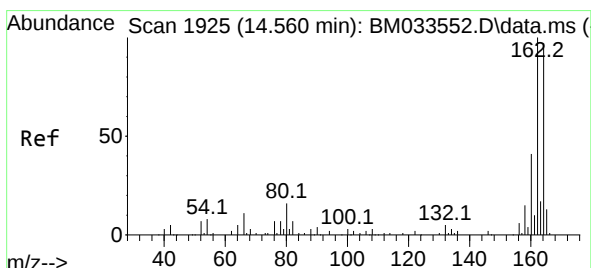
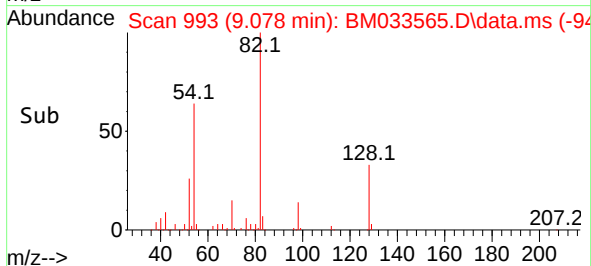
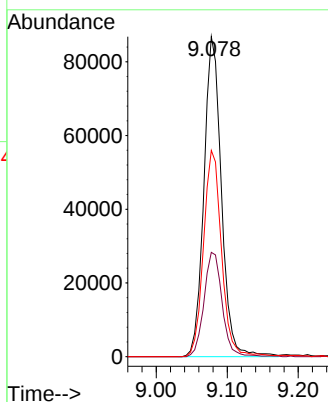
Tgt Ion: 82 Resp: 149138

Ion Ratio Lower Upper

82 100

128 32.6 28.1 42.1

54 64.4 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BM033565.D

Acq: 21 Dec 2021 21:50

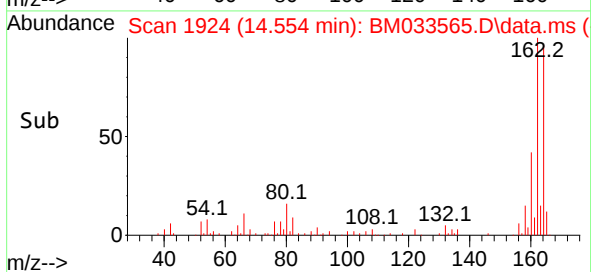
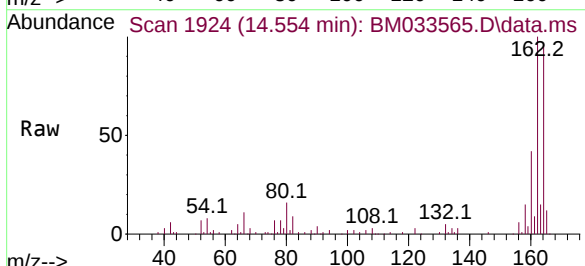
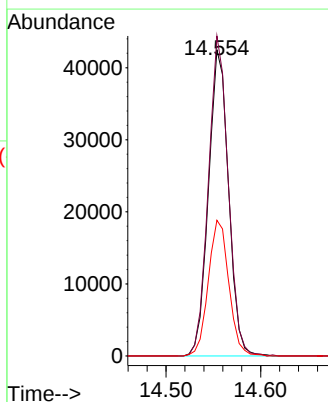
Tgt Ion: 164 Resp: 62597

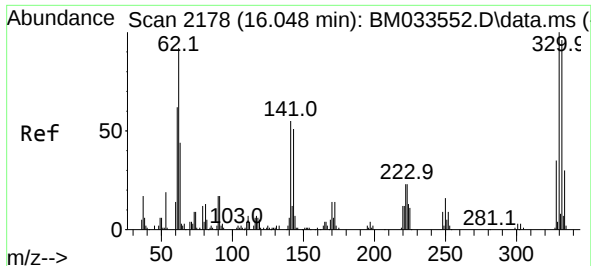
Ion Ratio Lower Upper

164 100

162 104.5 79.7 119.5

160 44.3 34.2 51.4

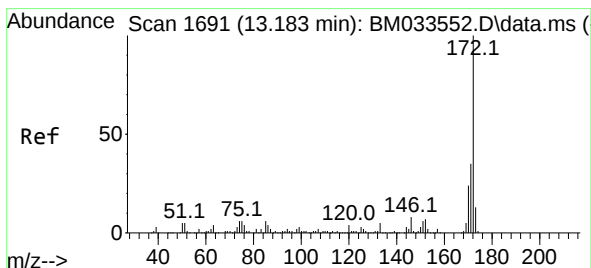
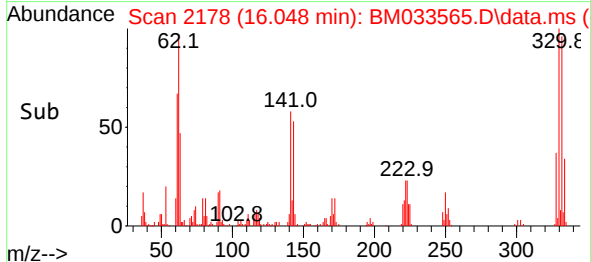
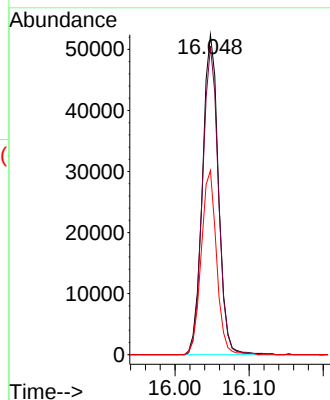
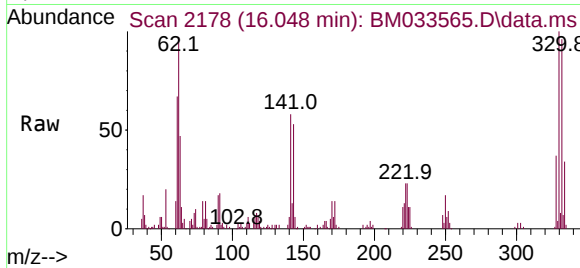




#42
2,4,6-Tribromophenol
Concen: 102.007 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

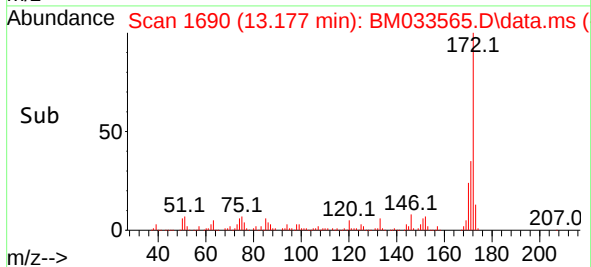
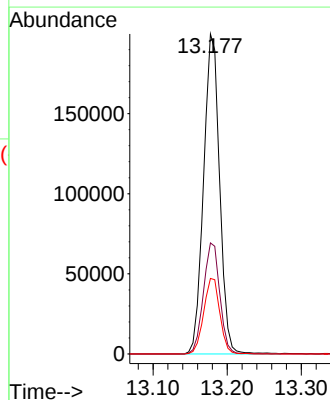
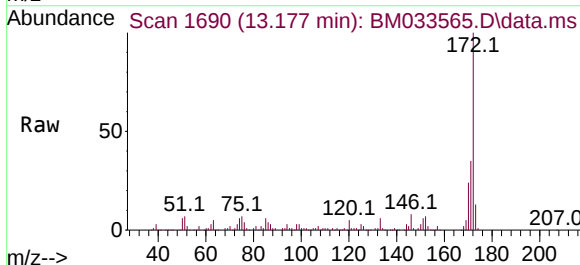
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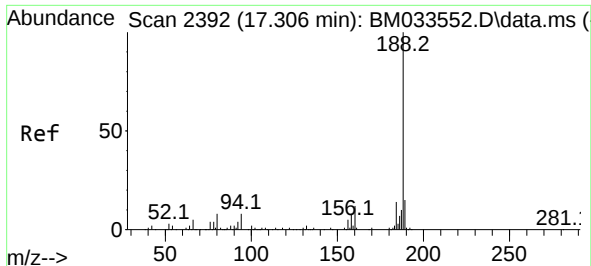
Tgt Ion:330 Resp: 78625
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 55.2 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 67.628 ng
RT: 13.177 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

Tgt Ion:172 Resp: 300261
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 23.6 18.7 28.1

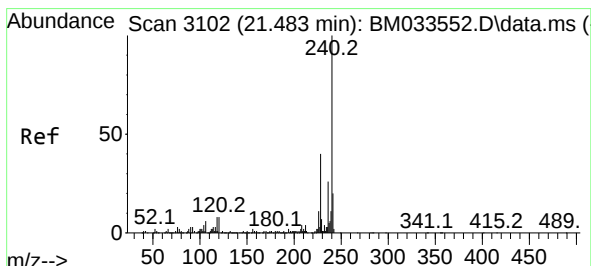
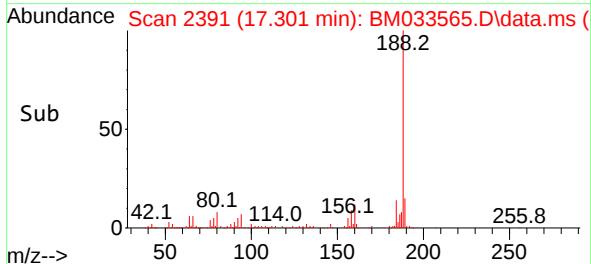
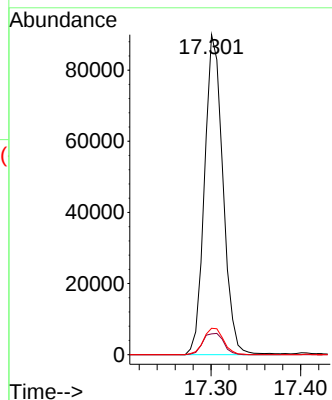
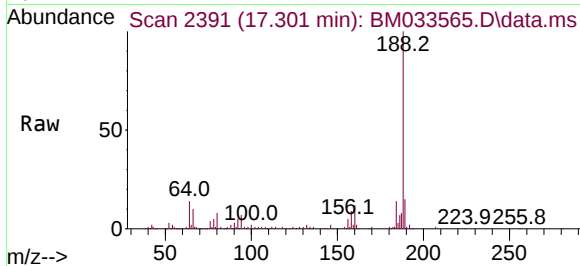




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

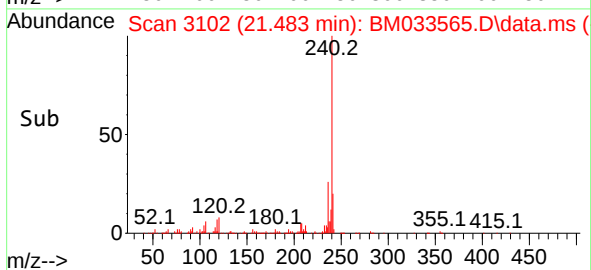
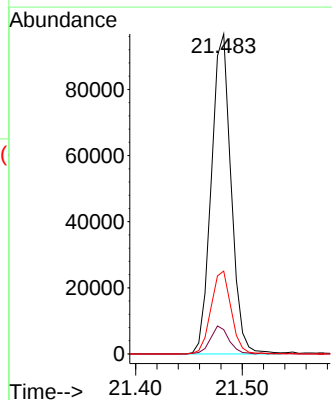
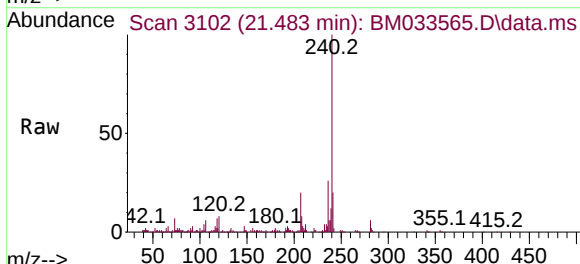
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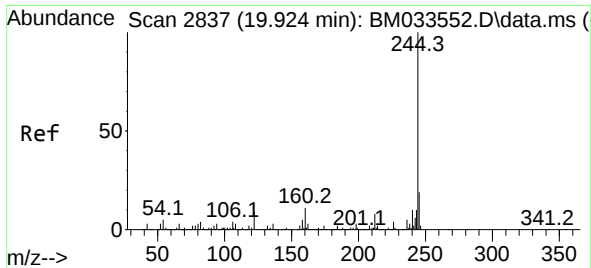
Tgt Ion:188 Resp: 128226
Ion Ratio Lower Upper
188 100
94 6.5 7.5 11.3#
80 8.2 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033565.D
Acq: 21 Dec 2021 21:50

Tgt Ion:240 Resp: 124823
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.9 20.3 30.5

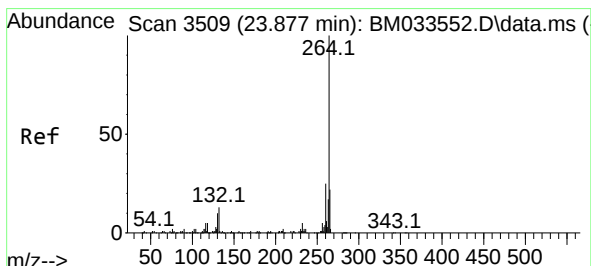
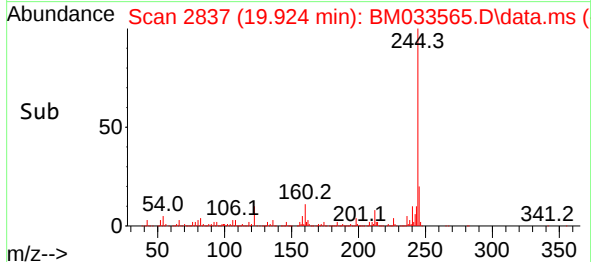
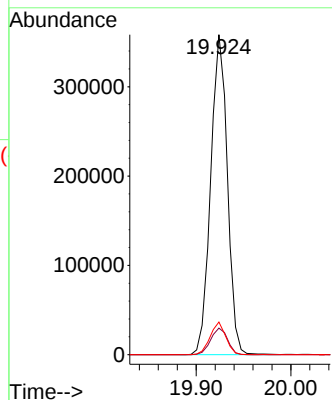
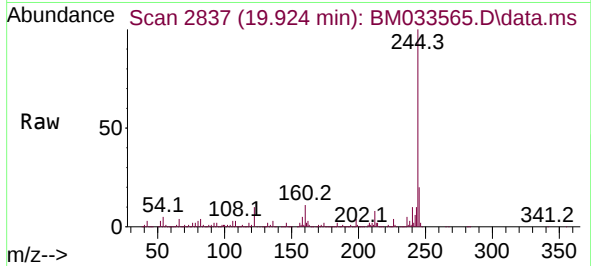




#79
 Terphenyl-d14
 Concen: 58.286 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033565.D
 Acq: 21 Dec 2021 21:50

Instrument :
 BNA_M
 ClientSampleId :
 HB-3-(20-25)-12-17-21

Tgt Ion:244 Resp: 437396
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 10.2 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: BM033565.D
 Acq: 21 Dec 2021 21:50

Tgt Ion:264 Resp: 120259
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.7 26.5
 265 21.8 17.7 26.5

