

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033542.D
 Acq On : 20 Dec 2021 16:20
 Operator : CG/JU
 Sample : M5082-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:59:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

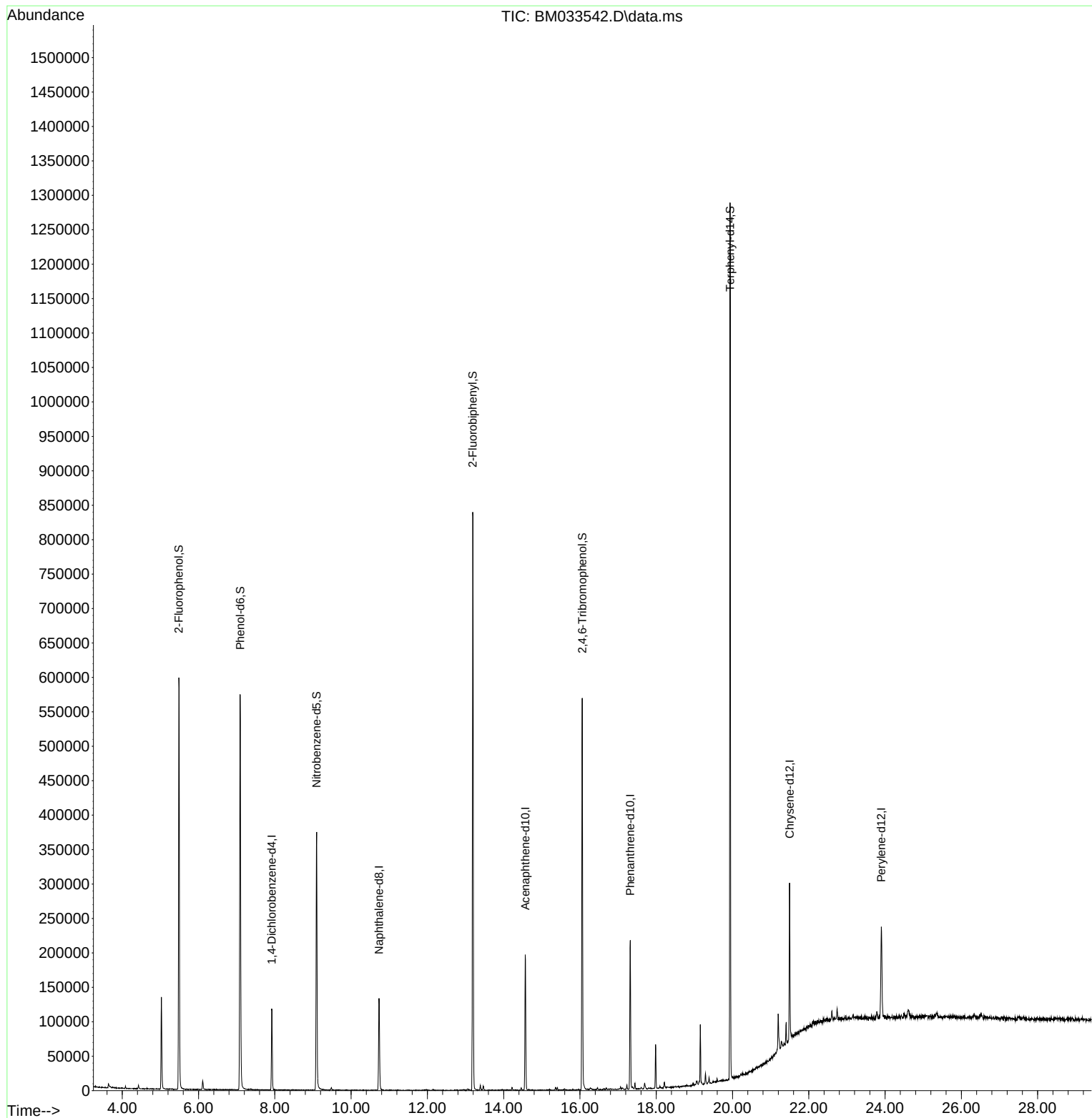
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	26691	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	100468	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	63804	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	124048	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	103131	20.000	ng	0.00
86) Perylene-d12	23.900	264	101090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	196600	127.099	ng	0.00
7) Phenol-d6	7.090	99	245537	118.284	ng	0.00
23) Nitrobenzene-d5	9.095	82	195947	83.743	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	73528	102.446	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	391424	84.863	ng	0.00
79) Terphenyl-d14	19.936	244	503778	76.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	71	Below Cal	#	1
9) Benzaldehyde	7.095	77	865	Below Cal	#	7

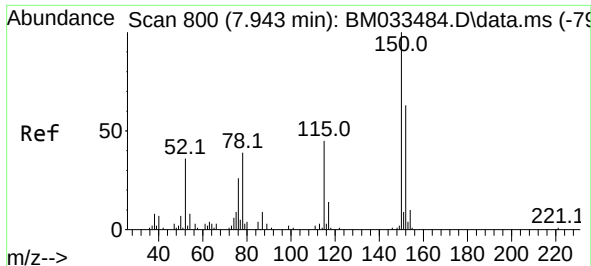
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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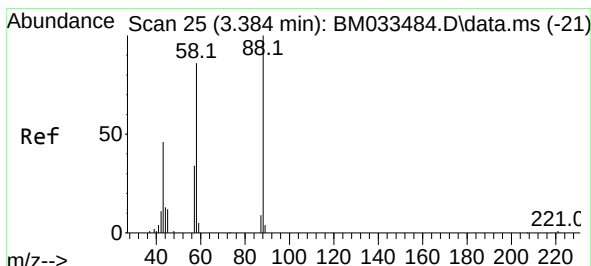
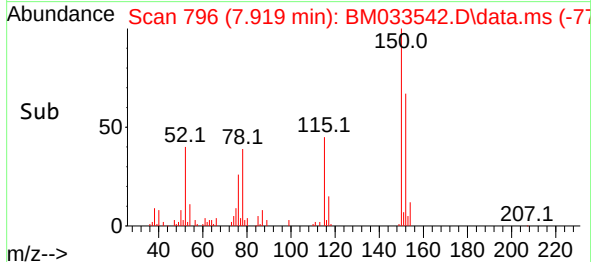
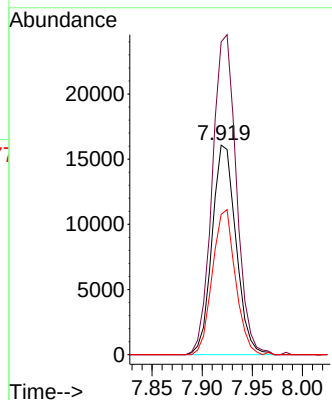
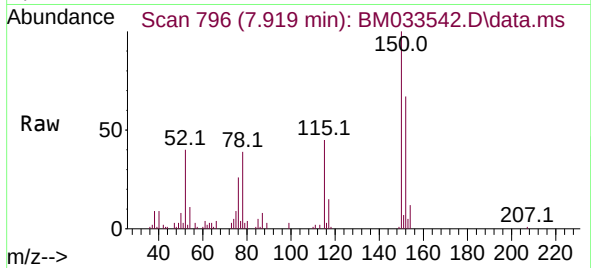




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

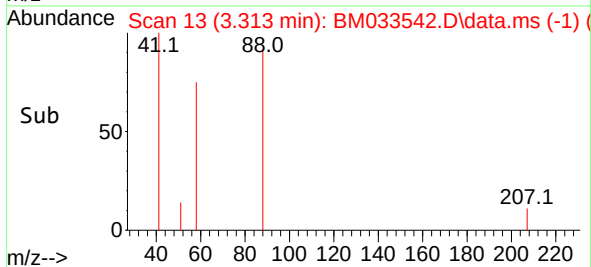
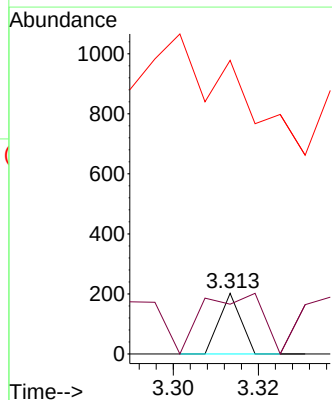
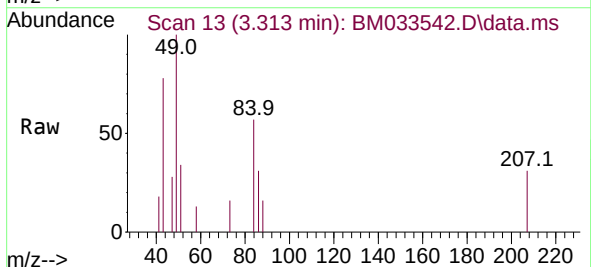
Instrument :
BNA_M
ClientSampleId :

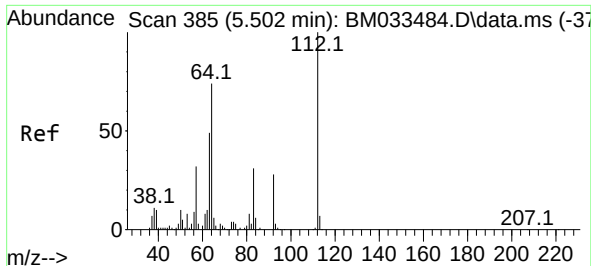
Tgt Ion:152 Resp: 26691
Ion Ratio Lower Upper
152 100
150 149.2 128.9 193.3
115 66.9 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.313 min Scan# 13
Delta R.T. -0.053 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

Tgt Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
58 276.1 67.0 100.4#
43 833.8 31.6 47.4#

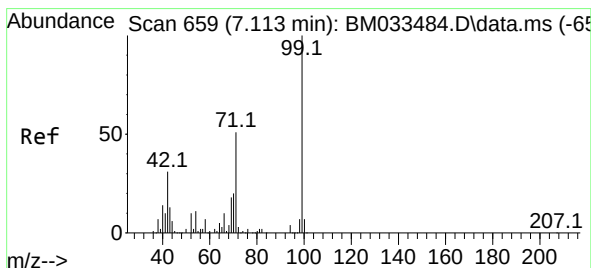
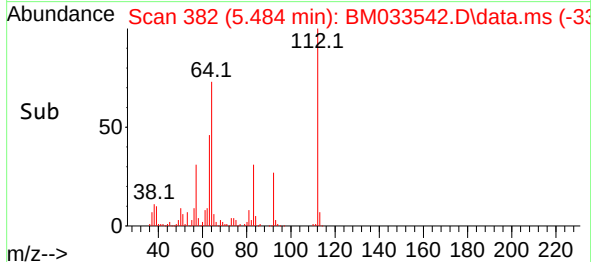
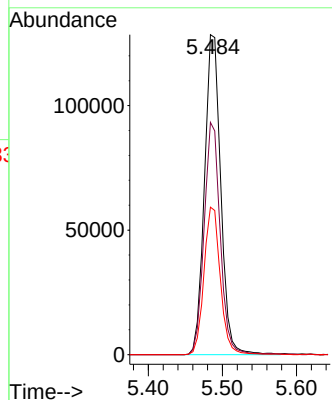
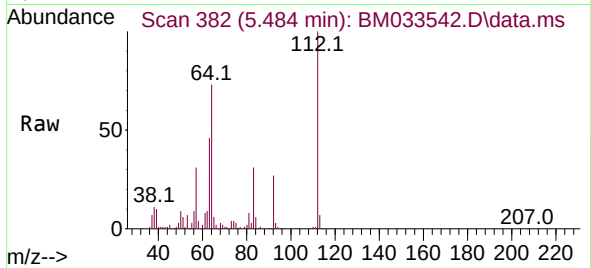




#5
2-Fluorophenol
Concen: 127.099 ng
RT: 5.484 min Scan# 385
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

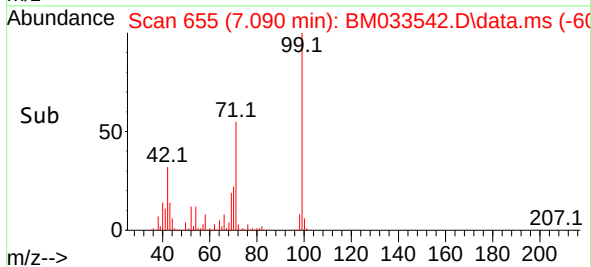
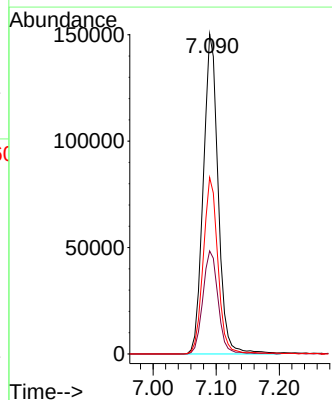
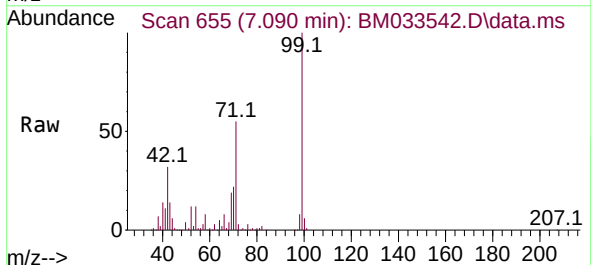
Instrument :
BNA_M
ClientSampleId :

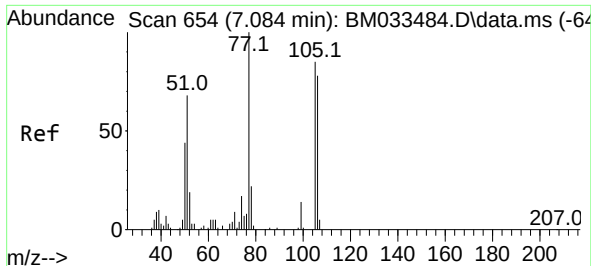
Tgt Ion:112 Resp: 196600
Ion Ratio Lower Upper
112 100
64 72.6 55.5 83.3
63 46.1 31.3 46.9



#7
Phenol-d6
Concen: 118.284 ng
RT: 7.090 min Scan# 655
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

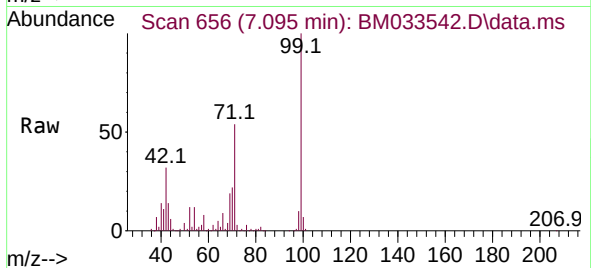
Tgt Ion: 99 Resp: 245537
Ion Ratio Lower Upper
99 100
42 32.2 20.3 30.5#
71 55.2 34.5 51.7#



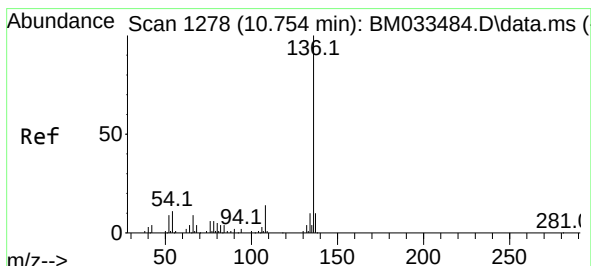
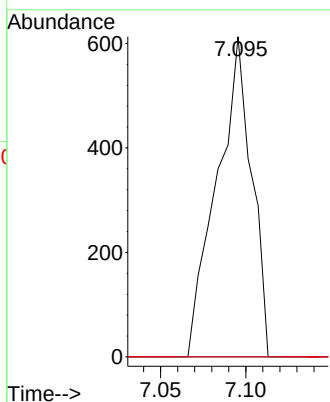
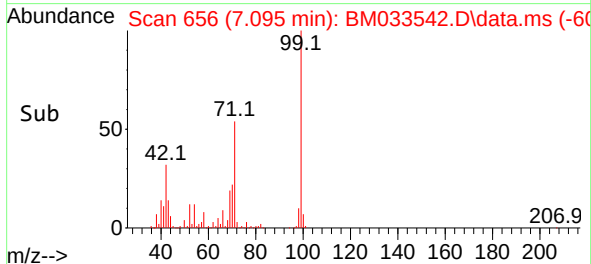


#9
Benzaldehyde
Concen: Below Cal
RT: 7.095 min Scan# 61
Delta R.T. 0.029 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

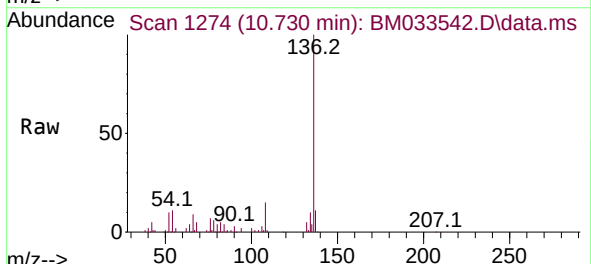
Instrument :
BNA_M
ClientSampleId :



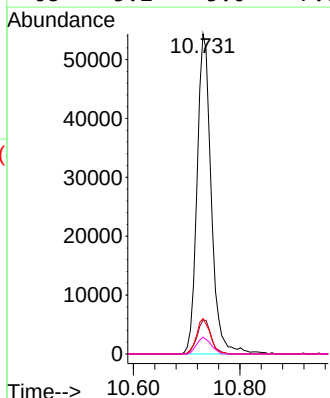
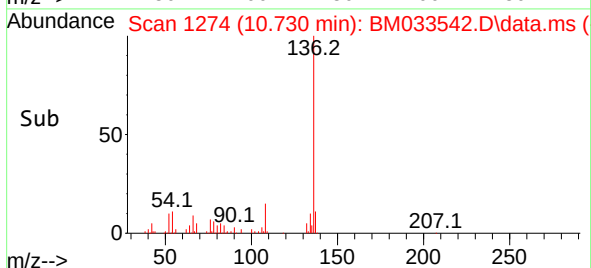
Tgt Ion: 77 Resp: 865
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

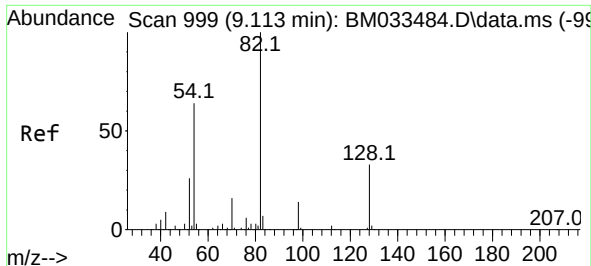


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20



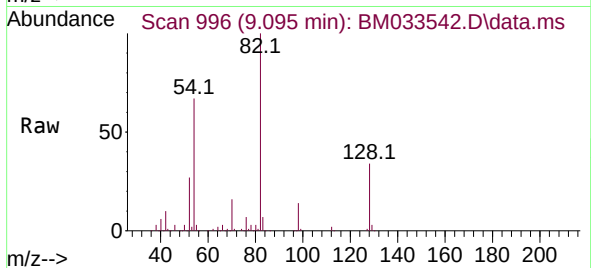
Tgt Ion: 136 Resp: 100468
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.1 8.3 12.5
68 5.2 5.0 7.6



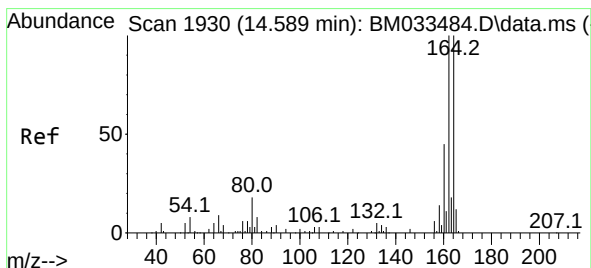
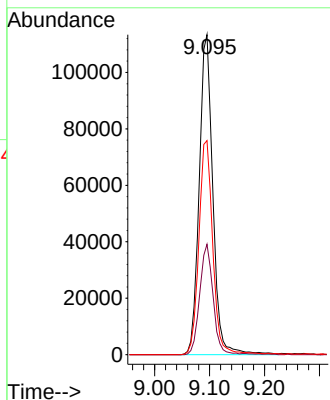
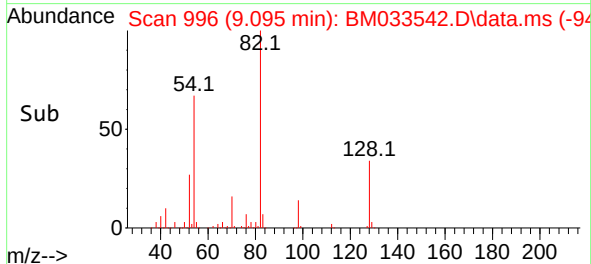


#23
Nitrobenzene-d5
Concen: 83.743 ng
RT: 9.095 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

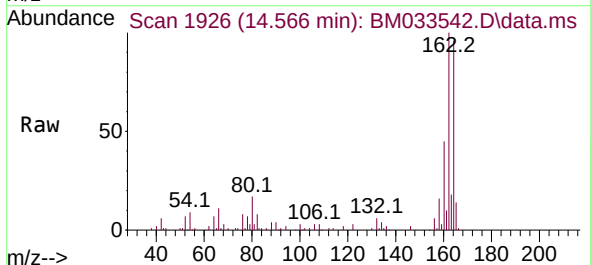
Instrument :
BNA_M
ClientSampleId :



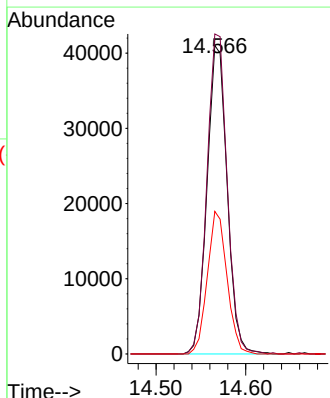
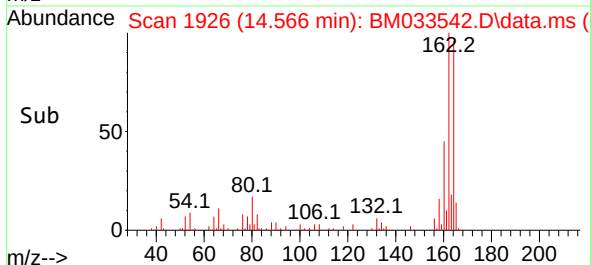
Tgt Ion: 82 Resp: 195947
Ion Ratio Lower Upper
82 100
128 34.5 28.1 42.1
54 66.9 46.1 69.1

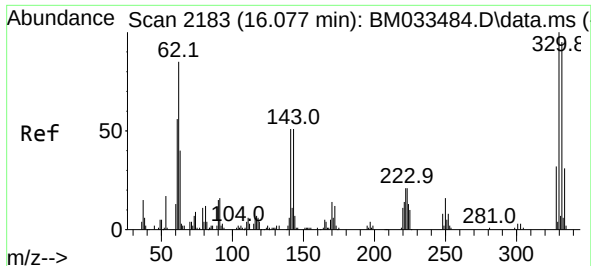


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20



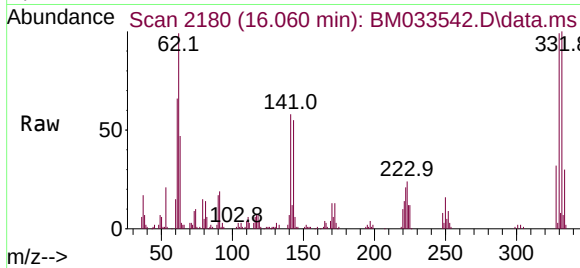
Tgt Ion: 164 Resp: 63804
Ion Ratio Lower Upper
164 100
162 103.7 79.7 119.5
160 46.2 34.2 51.4



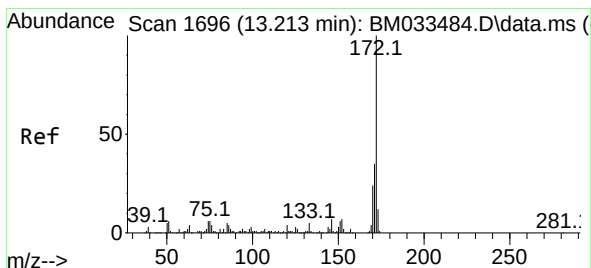
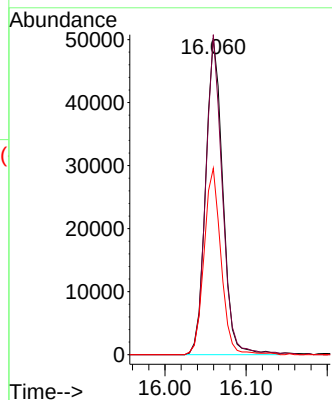
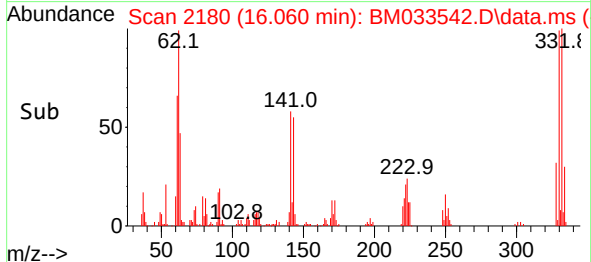


#42
2,4,6-Tribromophenol
Concen: 102.446 ng
RT: 16.060 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

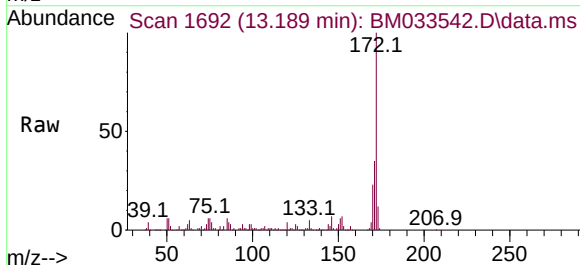
Instrument :
BNA_M
ClientSampleId :



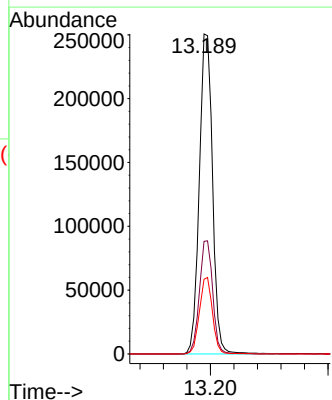
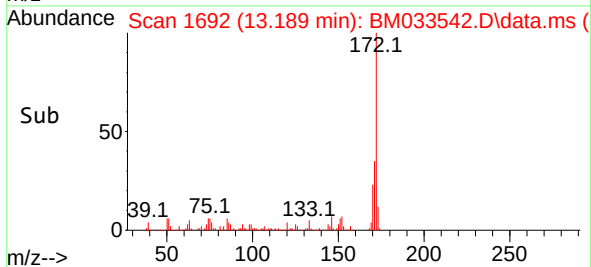
Tgt Ion:330 Resp: 73528
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 58.3 35.9 53.9#

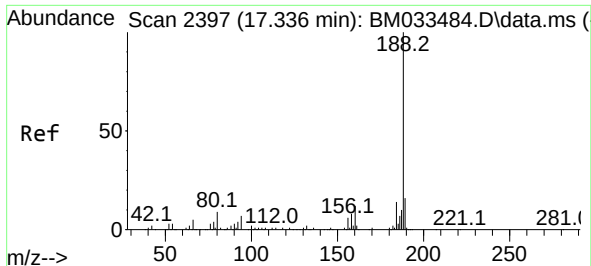


#45
2-Fluorobiphenyl
Concen: 84.863 ng
RT: 13.189 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20



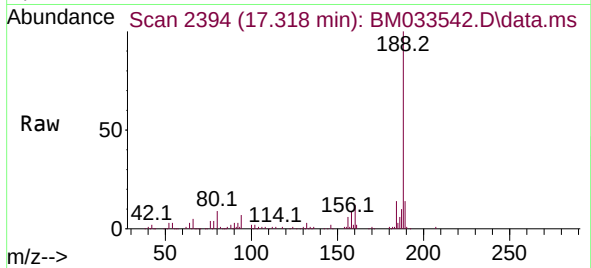
Tgt Ion:172 Resp: 391424
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.4 18.7 28.1



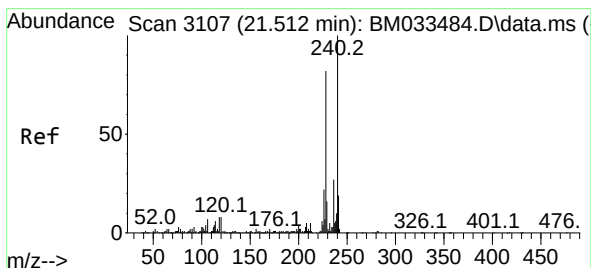
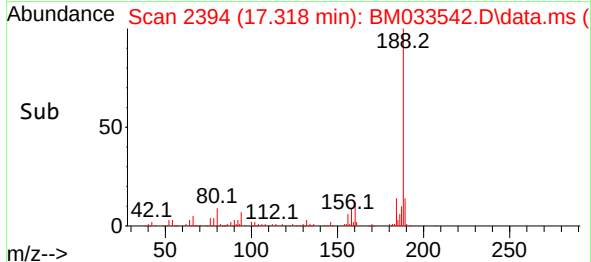
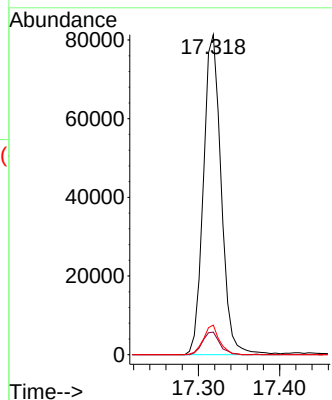


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

Instrument :
BNA_M
ClientSampleId :

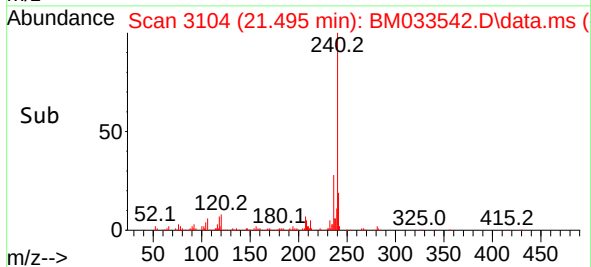
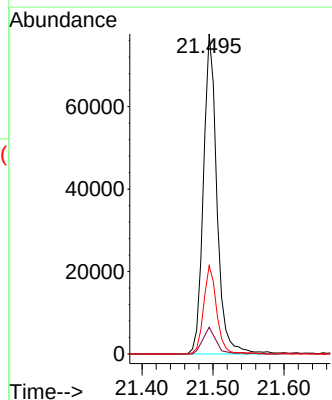
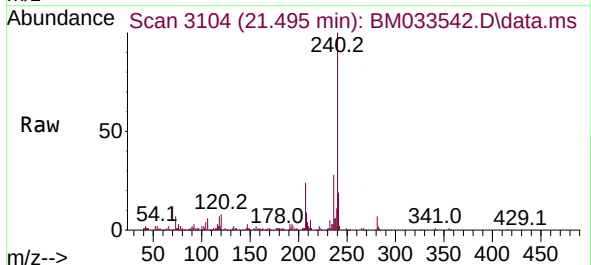


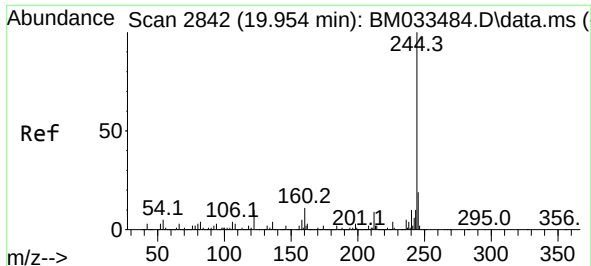
Tgt Ion:188 Resp: 124048
Ion Ratio Lower Upper
188 100
94 7.0 7.5 11.3#
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM033542.D
Acq: 20 Dec 2021 16:20

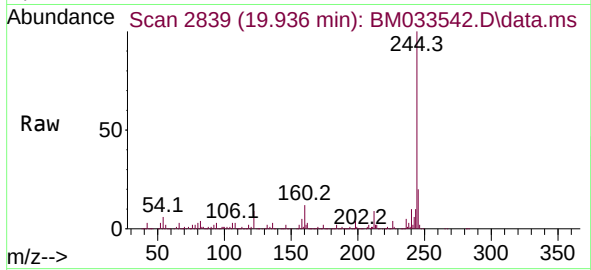
Tgt Ion:240 Resp: 103131
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 27.6 20.3 30.5



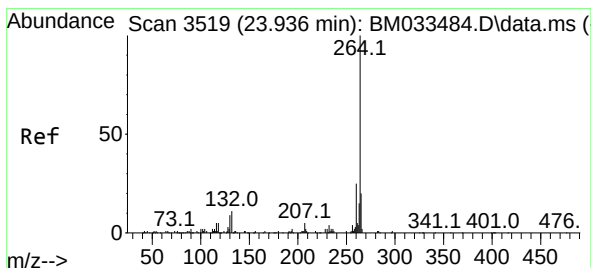
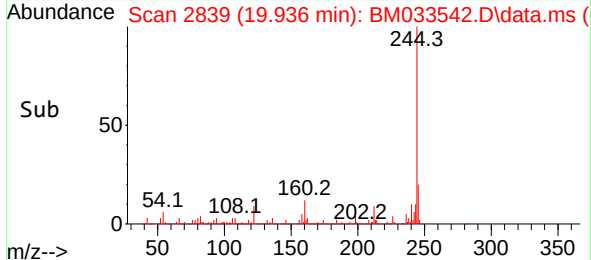
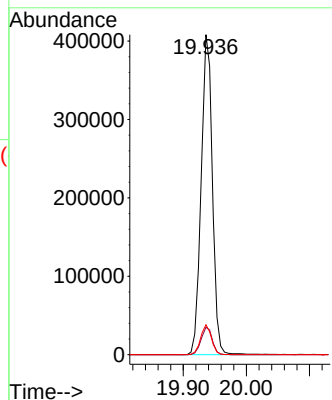


#79
 Terphenyl-d14
 Concen: 76.903 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033542.D
 Acq: 20 Dec 2021 16:20

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 503778
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.9 8.9
 122 9.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BM033542.D
 Acq: 20 Dec 2021 16:20

Tgt Ion:264 Resp: 101090
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.7 26.5
 265 22.3 17.7 26.5

