

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033394.D
 Acq On : 10 Dec 2021 15:01
 Operator : CG/JU
 Sample : M4919-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 11 02:10:44 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)

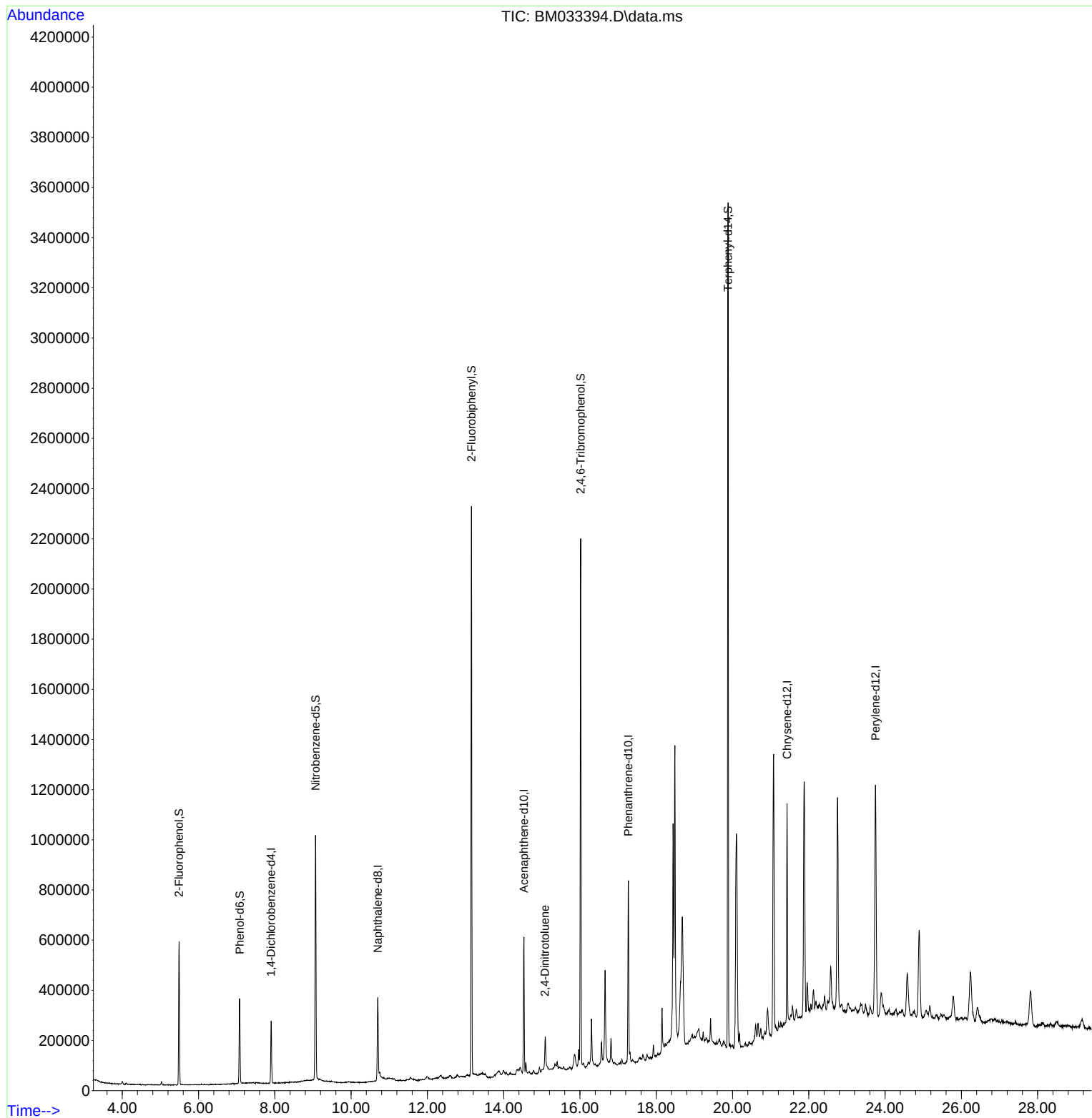
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	58288	20.000	ng	-0.01
21) Naphthalene-d8	10.701	136	240346	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	177829	20.000	ng	0.00
64) Phenanthrene-d10	17.271	188	415452	20.000	ng	0.00
76) Chrysene-d12	21.430	240	387367	20.000	ng	-0.01
86) Perylene-d12	23.747	264	321344	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	193921	54.579	ng	0.00
7) Phenol-d6	7.078	99	156716	31.634	ng	-0.01
23) Nitrobenzene-d5	9.066	82	522240	92.261	ng	-0.01
42) 2,4,6-Tribromophenol	16.018	330	309506	162.703	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	1058771	82.357	ng	0.00
79) Terphenyl-d14	19.883	244	1491230	71.322	ng	0.00
Target Compounds						
9) Benzaldehyde	7.037	77	67	Below Cal	#	7
57) 2,4-Dinitrotoluene	15.083	165	18549	5.338	ng #	36

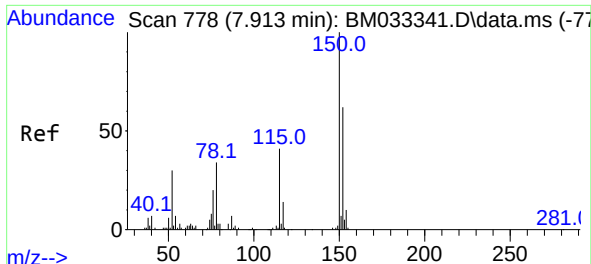
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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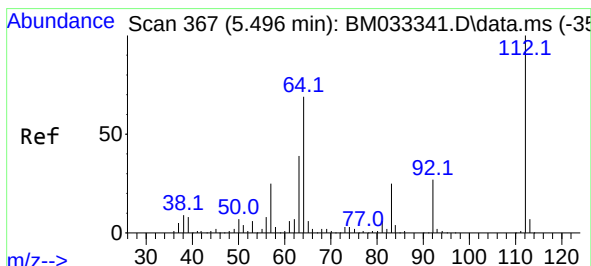
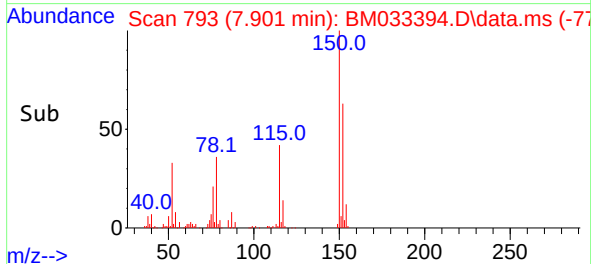
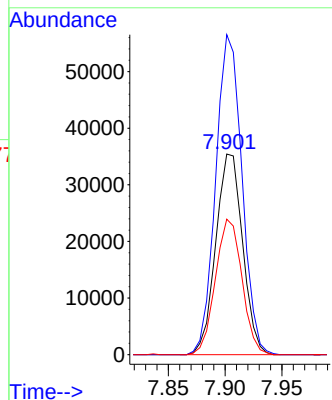
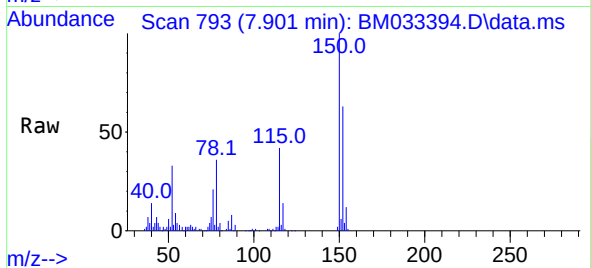




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

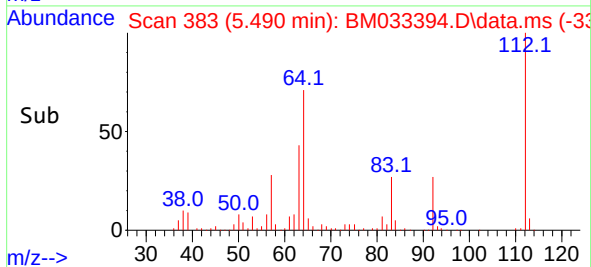
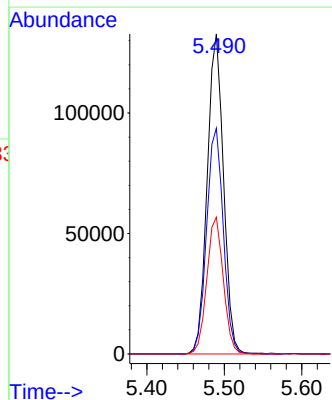
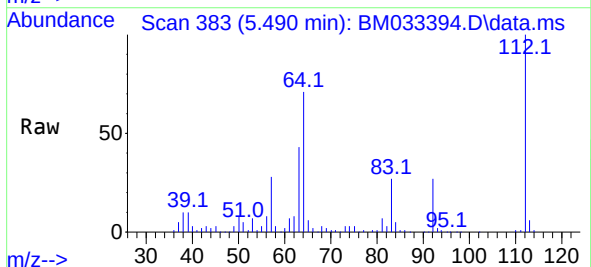
Instrument :
BNA_M
ClientSampleId :

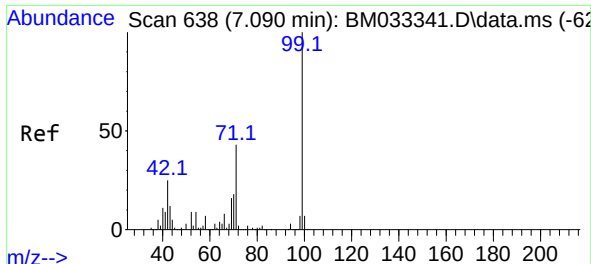
Tgt Ion:152 Resp: 58288
Ion Ratio Lower Upper
152 100
150 159.5 128.9 193.3
115 67.5 53.0 79.6



#5
2-Fluorophenol
Concen: 54.579 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

Tgt Ion:112 Resp: 193921
Ion Ratio Lower Upper
112 100
64 70.6 55.5 83.3
63 42.7 31.3 46.9

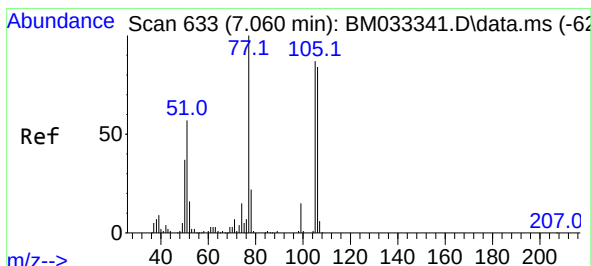
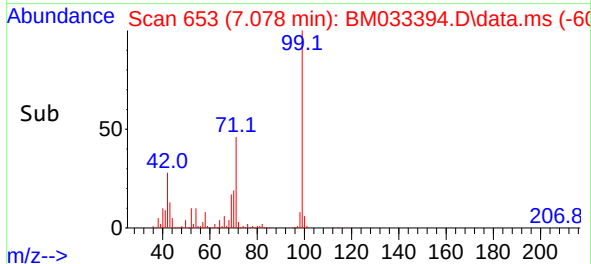
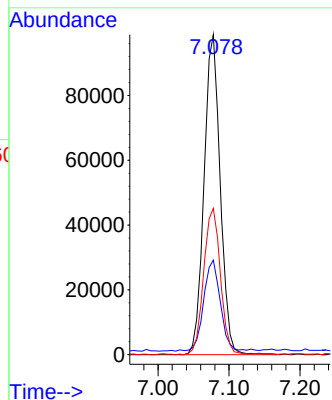
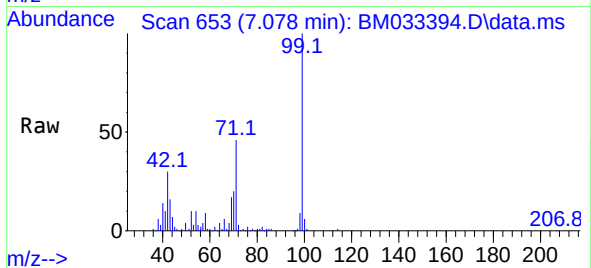




#7
Phenol-d6
Concen: 31.634 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

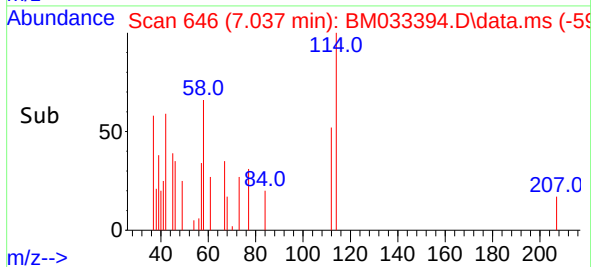
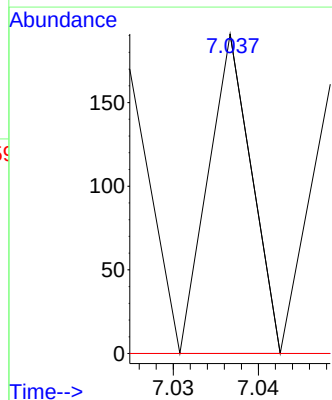
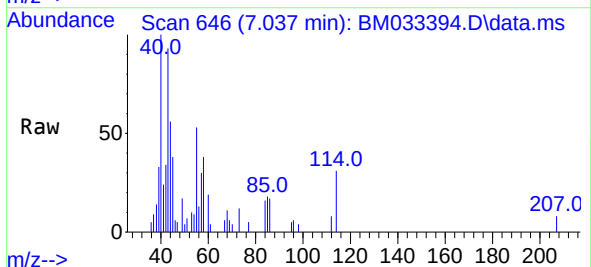
Instrument :
BNA_M
ClientSampleId :

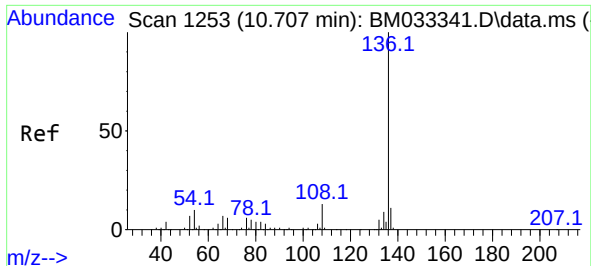
Tgt Ion: 99 Resp: 156716
Ion Ratio Lower Upper
99 100
42 29.6 20.3 30.5
71 45.7 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.037 min Scan# 646
Delta R.T. -0.023 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

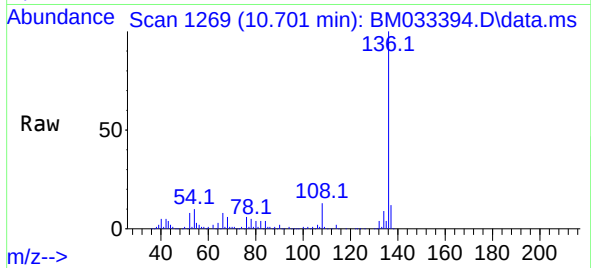
Tgt Ion: 77 Resp: 67
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



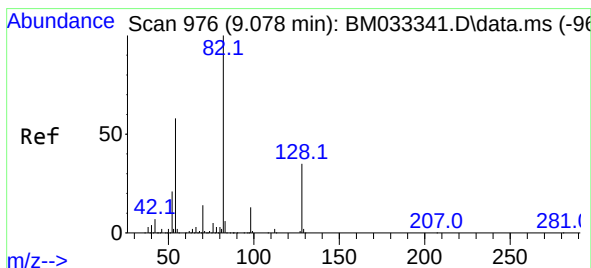
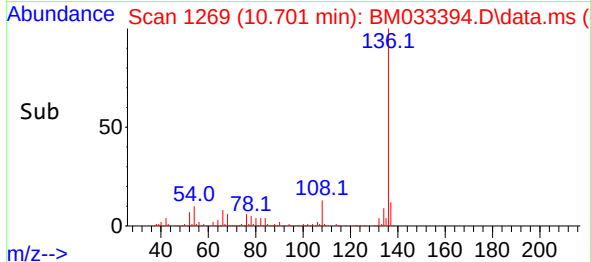
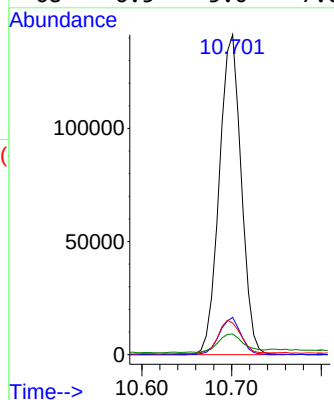


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

Instrument :
BNA_M
ClientSampleId :

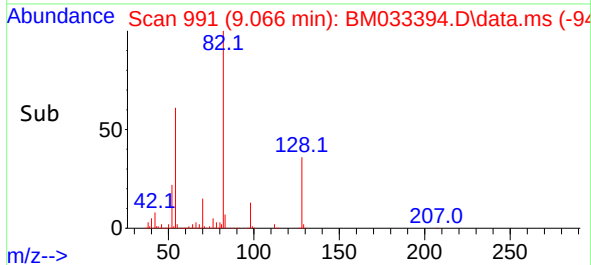
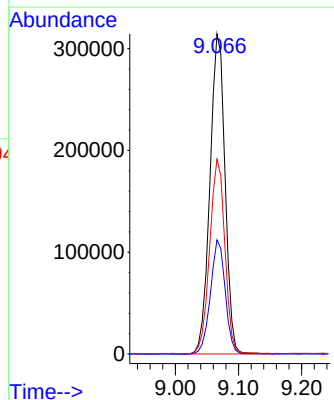
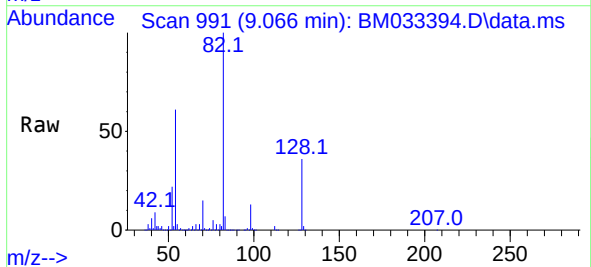


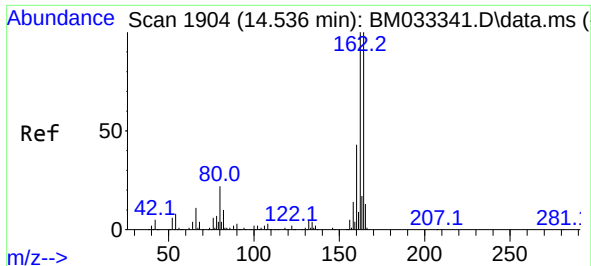
Tgt Ion:136 Resp: 240346
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 9.9 8.3 12.5
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.261 ng
RT: 9.066 min Scan# 991
Delta R.T. -0.012 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

Tgt Ion: 82 Resp: 522240
Ion Ratio Lower Upper
82 100
128 35.6 28.1 42.1
54 60.9 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1904

Delta R.T. -0.006 min

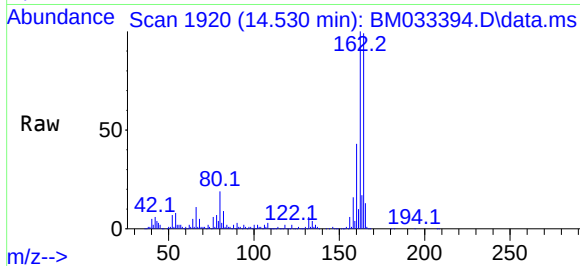
Lab File: BM033394.D

Acq: 10 Dec 2021 15:01

Instrument :

BNA_M

ClientSampleId :



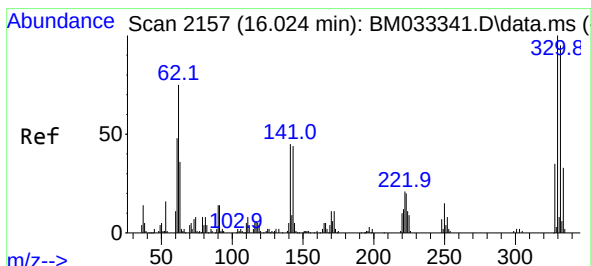
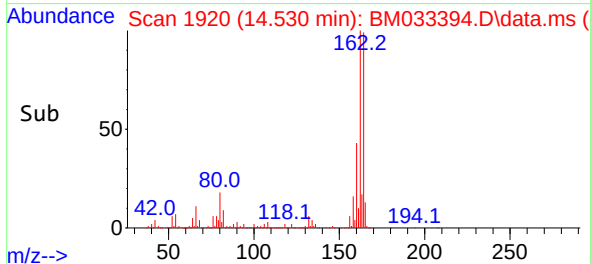
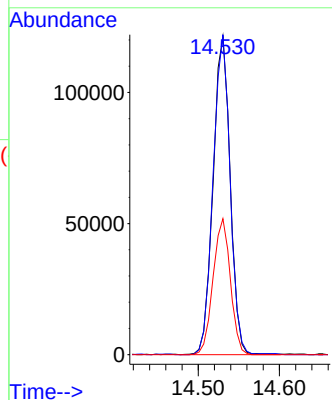
Tgt Ion:164 Resp: 177829

Ion Ratio Lower Upper

164 100

162 100.5 79.7 119.5

160 42.7 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 162.703 ng

RT: 16.018 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BM033394.D

Acq: 10 Dec 2021 15:01

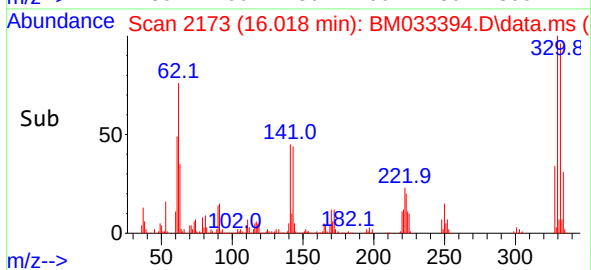
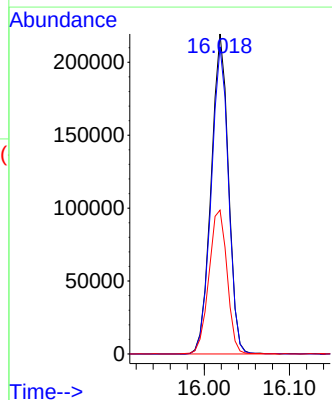
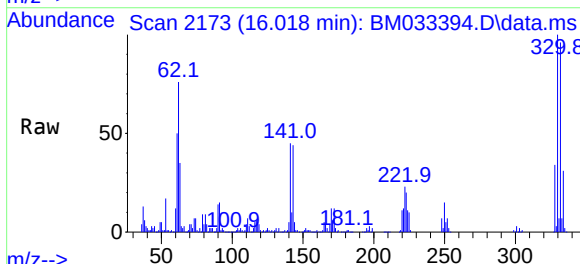
Tgt Ion:330 Resp: 309506

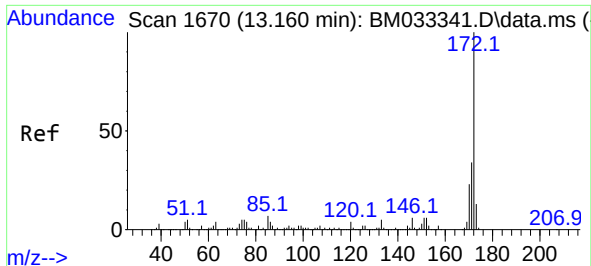
Ion Ratio Lower Upper

330 100

332 95.7 76.5 114.7

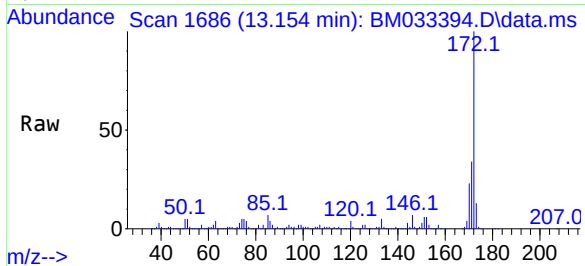
141 47.3 35.9 53.9



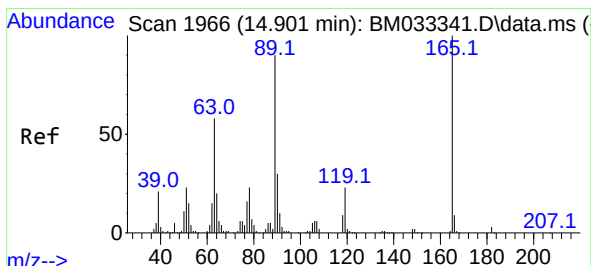
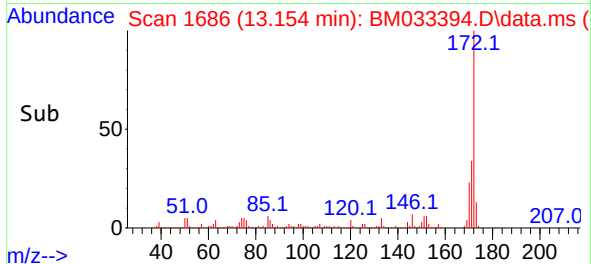
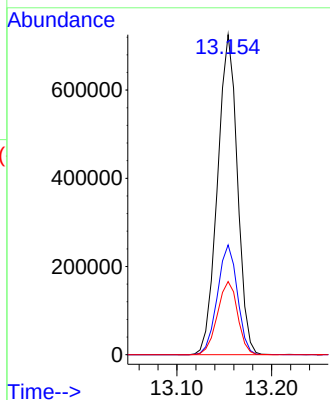


#45
2-Fluorobiphenyl
Concen: 82.357 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

Instrument :
BNA_M
ClientSampleId :

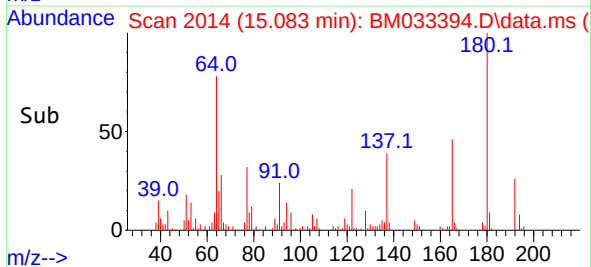
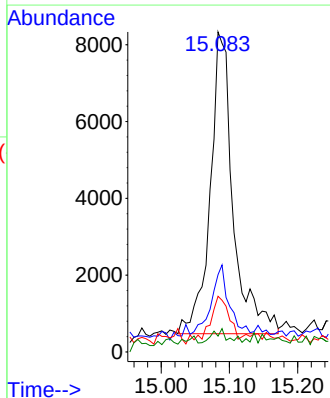
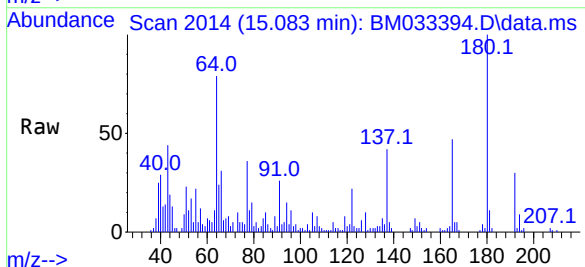


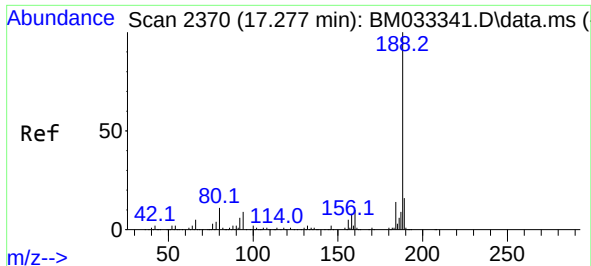
Tgt Ion:172 Resp: 1058771
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 22.9 18.7 28.1



#57
2,4-Dinitrotoluene
Concen: 5.338 ng
RT: 15.083 min Scan# 2014
Delta R.T. 0.182 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

Tgt Ion:165 Resp: 18549
Ion Ratio Lower Upper
165 100
63 24.1 46.2 69.4#
89 17.4 72.0 108.0#
182 4.9 2.2 3.4#

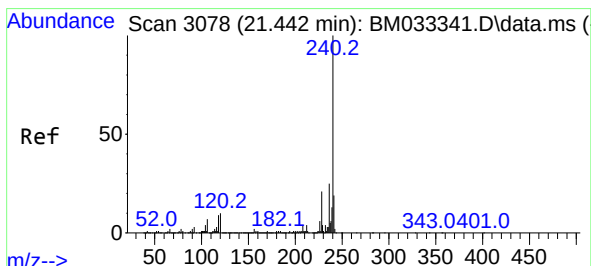
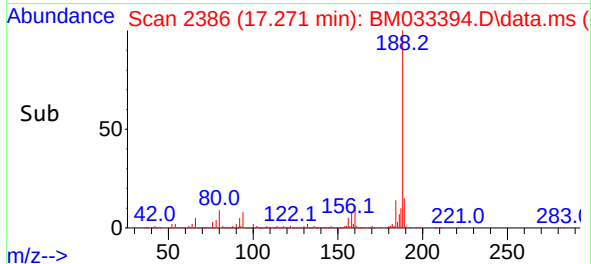
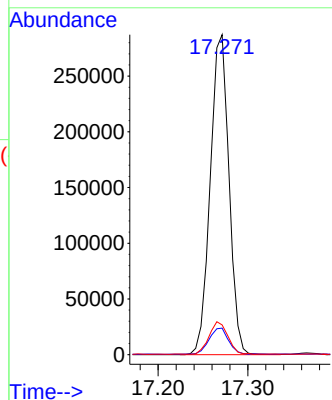
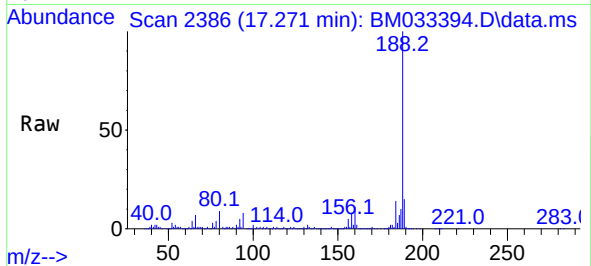




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.271 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

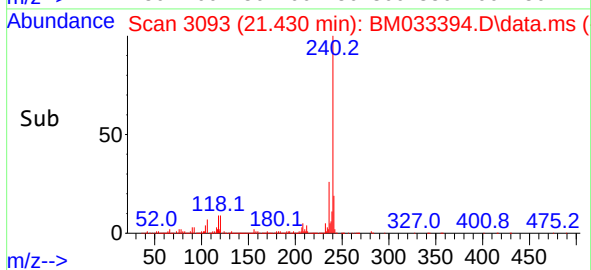
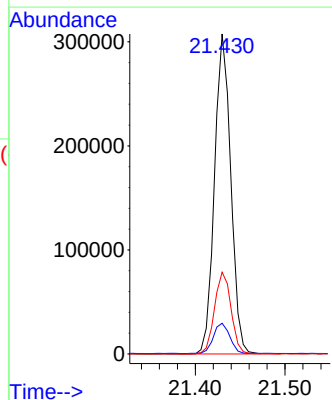
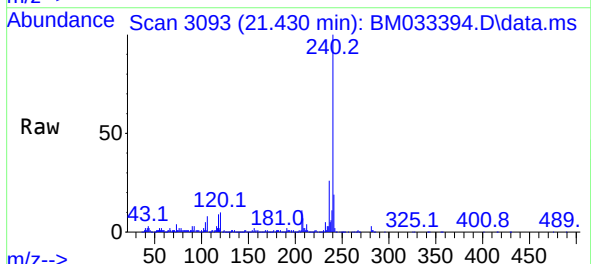
Instrument :
BNA_M
ClientSampleId :

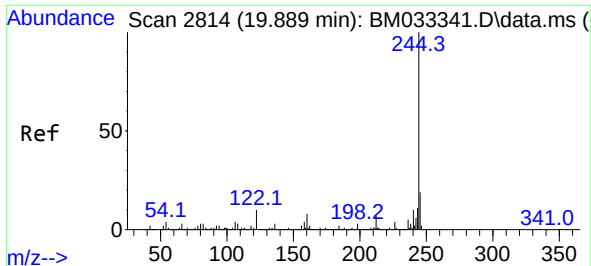
Tgt Ion:188 Resp: 415452
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM033394.D
Acq: 10 Dec 2021 15:01

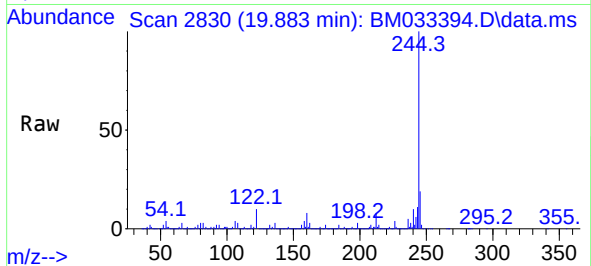
Tgt Ion:240 Resp: 387367
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.6 20.3 30.5



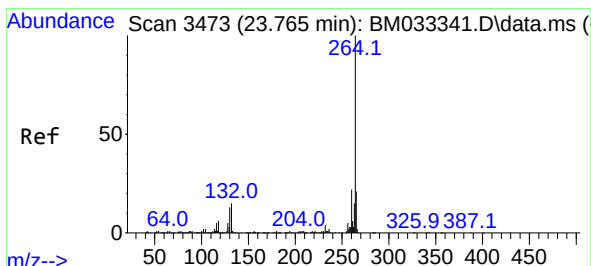
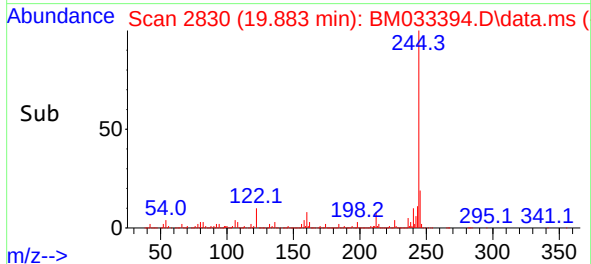
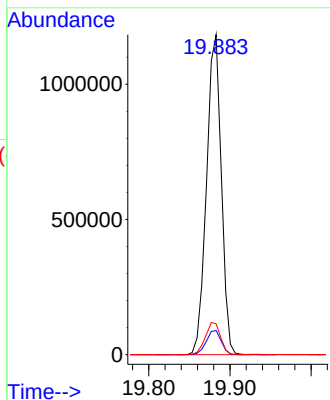


#79
 Terphenyl-d14
 Concen: 71.322 ng
 RT: 19.883 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033394.D
 Acq: 10 Dec 2021 15:01

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 1491230
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.018 min
 Lab File: BM033394.D
 Acq: 10 Dec 2021 15:01

Tgt Ion:264 Resp: 321344
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.7 26.5
 265 21.6 17.7 26.5

