

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120821\
 Data File : BM033347.D
 Acq On : 08 Dec 2021 17:24
 Operator : CG/JU
 Sample : PB141259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 09 07:21:35 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)

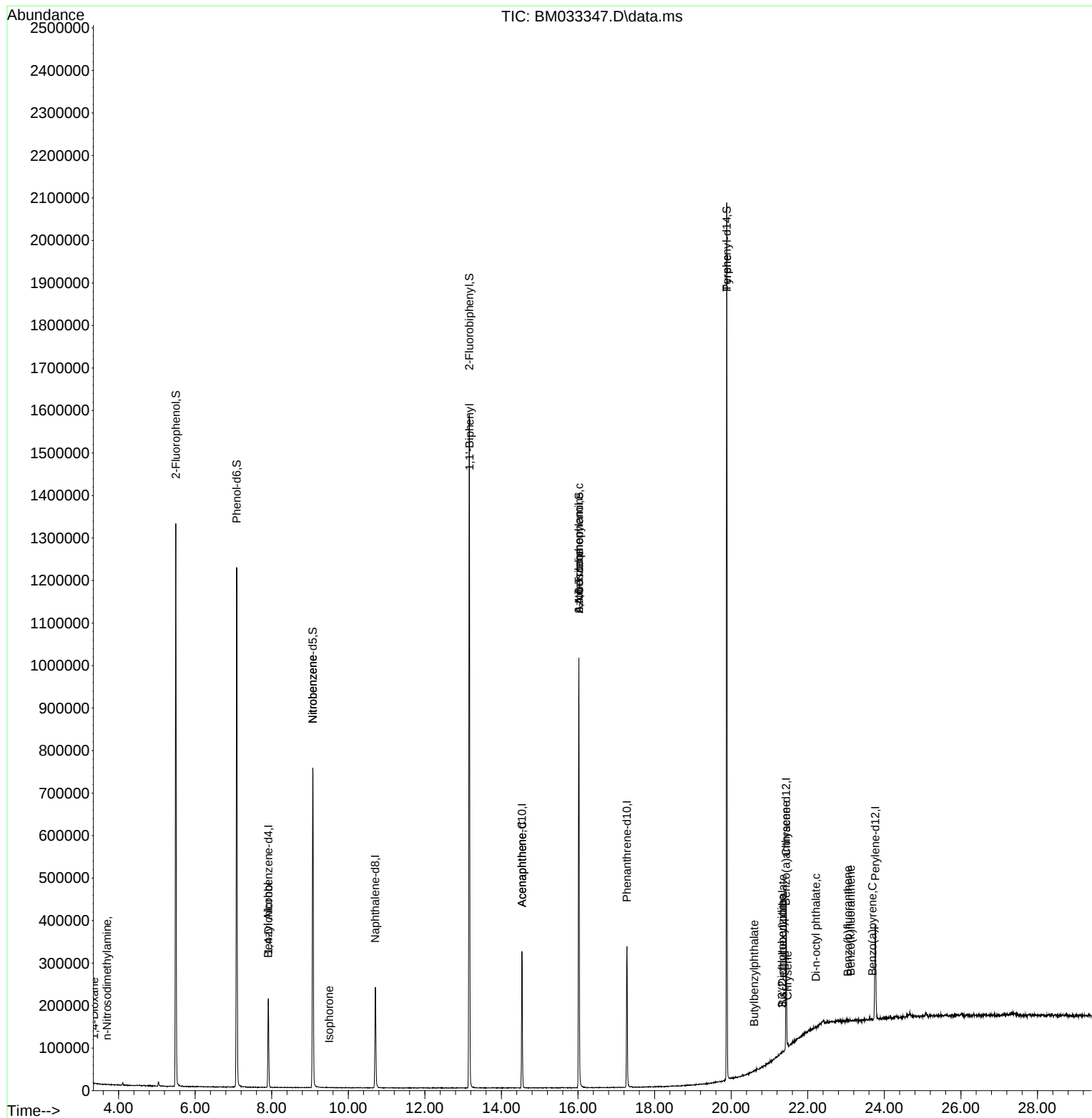
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	51636	20.000	ng	0.00
21) Naphthalene-d8	10.707	136	186028	20.000	ng	0.00
39) Acenaphthene-d10	14.536	164	107482	20.000	ng	0.00
64) Phenanthrene-d10	17.277	188	197206	20.000	ng	0.00
76) Chrysene-d12	21.436	240	163498	20.000	ng	0.00
86) Perylene-d12	23.765	264	168747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	447277	142.104	ng	0.00
7) Phenol-d6	7.084	99	573645	130.710	ng	0.00
23) Nitrobenzene-d5	9.072	82	426845	97.426	ng	0.00
42) 2,4,6-Tribromophenol	16.024	330	138125	120.134	ng	0.00
45) 2-Fluorobiphenyl	13.160	172	750832	96.629	ng	0.00
79) Terphenyl-d14	19.883	244	862738	97.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	64	0.046	ng	# 1
4) n-Nitrosodimethylamine	3.702	42	142	0.068	ng	# 1
9) Benzaldehyde	7.043	77	61	Below Cal		# 7
15) Benzyl Alcohol	7.907	79	2158	0.594	ng	# 46
24) Nitrobenzene	9.072	77	1692	0.404	ng	# 46
25) Isophorone	9.501	82	126	0.019	ng	# 68
46) 1,1'-Biphenyl	13.166	154	1575	0.192	ng	# 1
52) Acenaphthene	14.536	154	329	0.055	ng	# 4
63) Azobenzene	16.024	77	1531	0.168	ng	# 35
66) n-Nitrosodiphenylamine	16.024	169	5998	1.004	ng	# 55
78) Pyrene	19.889	202	3412	0.298	ng	# 68
80) Butylbenzylphthalate	20.601	149	71	0.016	ng	# 73
81) Benzo(a)anthracene	21.430	228	627	0.058	ng	# 52
82) 3,3'-Dichlorobenzidine	21.330	252	65	0.013	ng	# 26
83) Chrysene	21.477	228	298	0.029	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.342	149	598	0.095	ng	# 92
85) Di-n-octyl phthalate	22.212	149	359	0.034	ng	# 1
88) Benzo(b)fluoranthene	23.048	252	314	0.030	ng	# 1
89) Benzo(k)fluoranthene	23.124	252	267	0.025	ng	# 1
90) Benzo(a)pyrene	23.689	252	487	0.056	ng	# 1

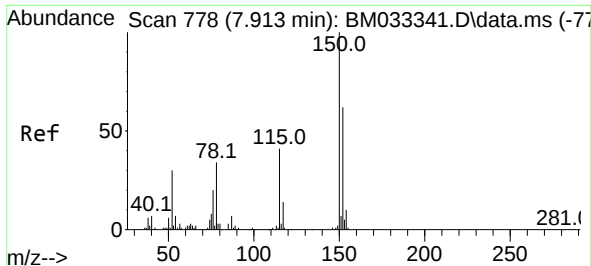
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120821\
Data File : BM033347.D
Acq On : 08 Dec 2021 17:24
Operator : CG/JU
Sample : PB141259BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 09 07:21:35 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

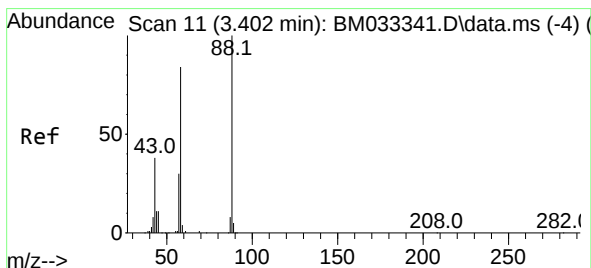
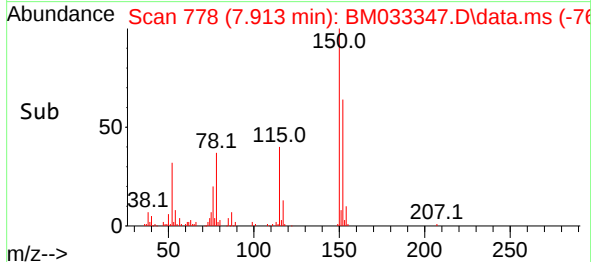
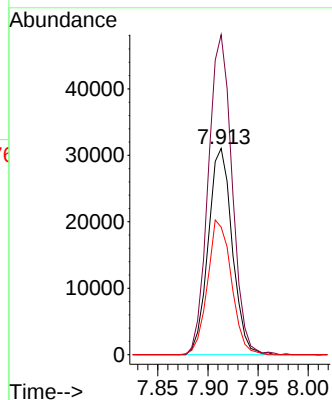
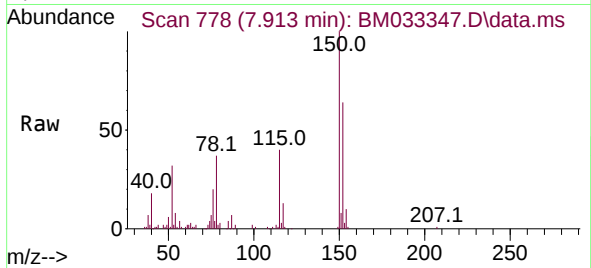




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

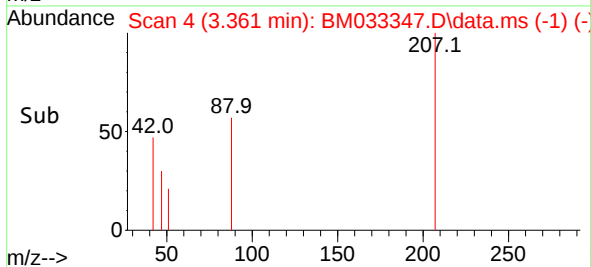
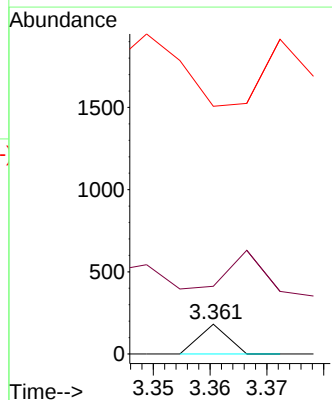
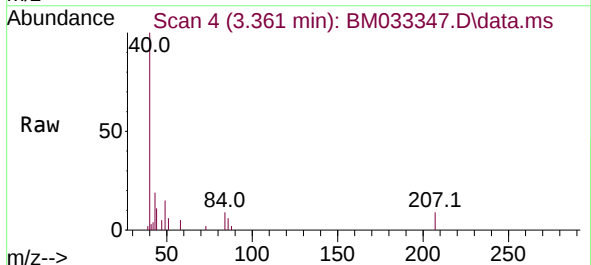
Instrument :
BNA_M
ClientSampleId :

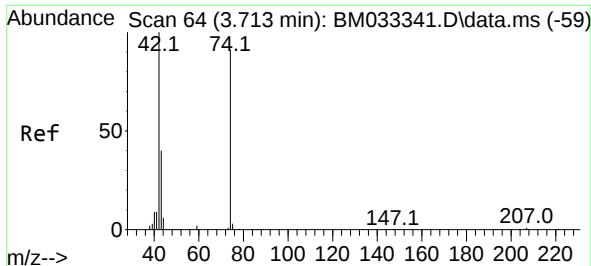
Tgt Ion:152 Resp: 51636
Ion Ratio Lower Upper
152 100
150 155.2 128.9 193.3
115 61.9 53.0 79.6



#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.361 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 0.0 67.0 100.4#
43 625.0 31.6 47.4#

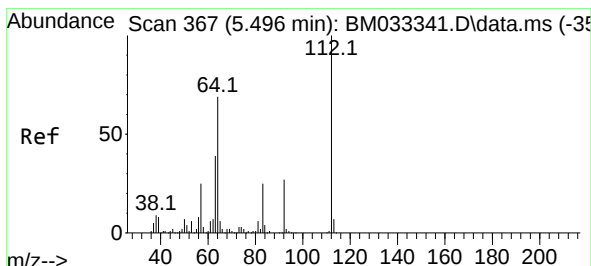
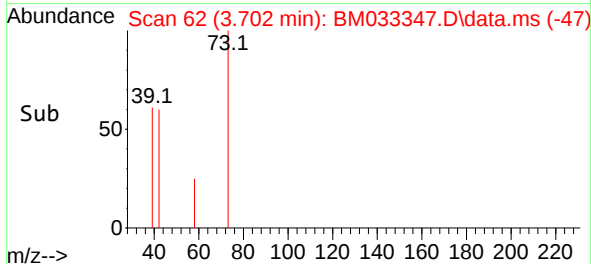
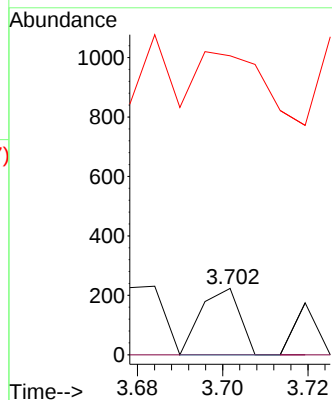
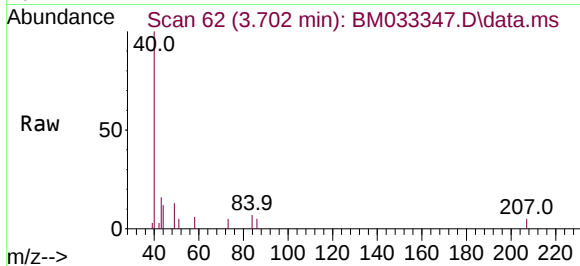




#4
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 3.702 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

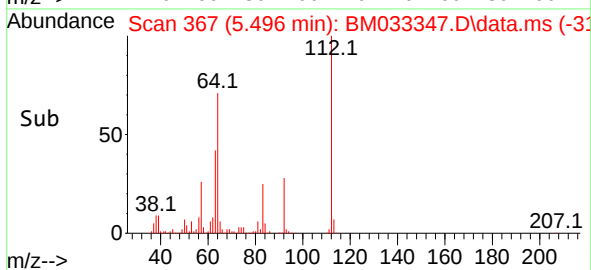
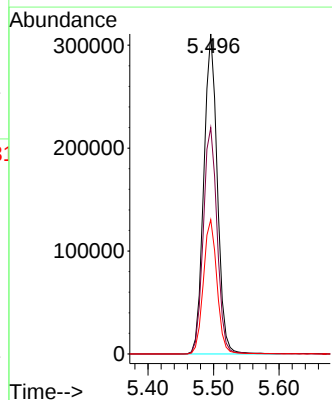
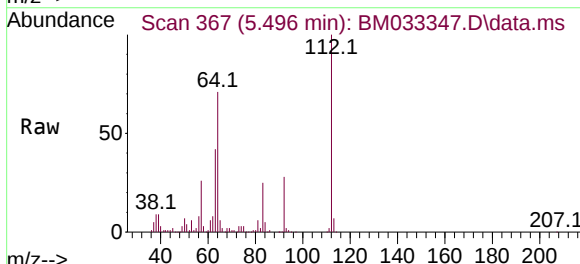
Instrument :
BNA_M
ClientSampleId :

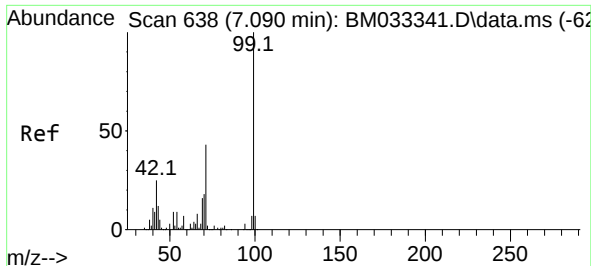
Tgt Ion: 42 Resp: 142
Ion Ratio Lower Upper
42 100
74 0.0 72.5 108.7#
44 451.1 5.4 8.2#



#5
2-Fluorophenol
Concen: 142.104 ng
RT: 5.496 min Scan# 367
Delta R.T. 0.000 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion: 112 Resp: 447277
Ion Ratio Lower Upper
112 100
64 70.8 55.5 83.3
63 41.9 31.3 46.9

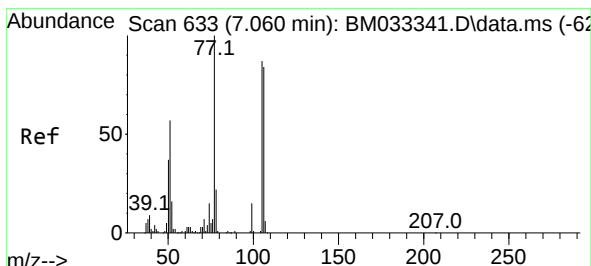
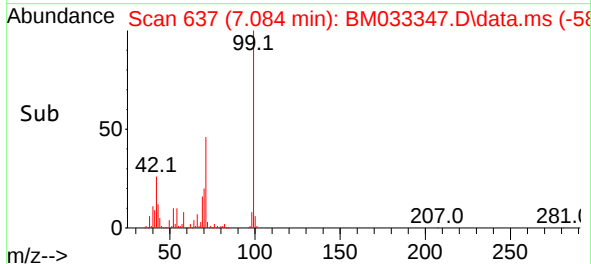
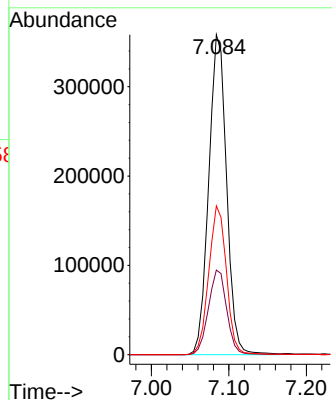
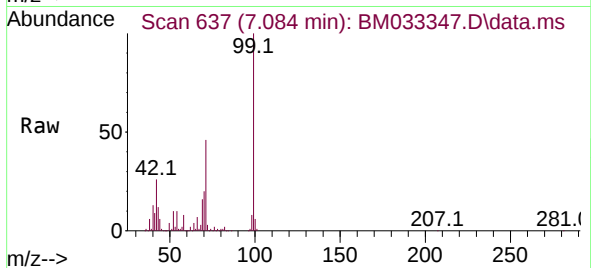




#7
Phenol-d6
Concen: 130.710 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

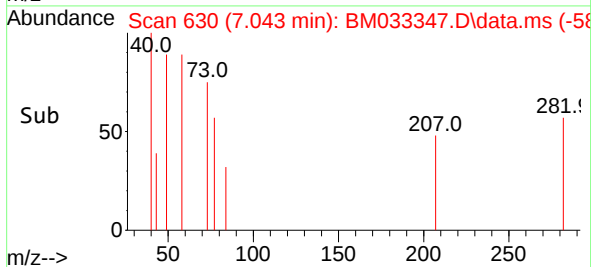
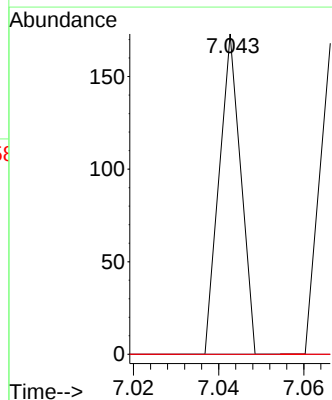
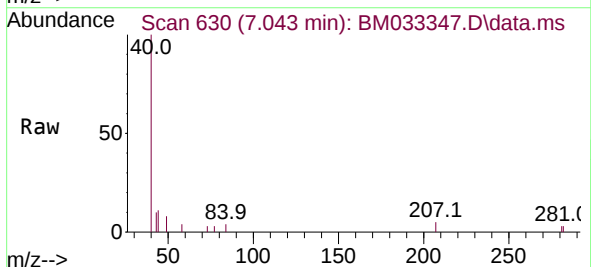
Instrument :
BNA_M
ClientSampleId :

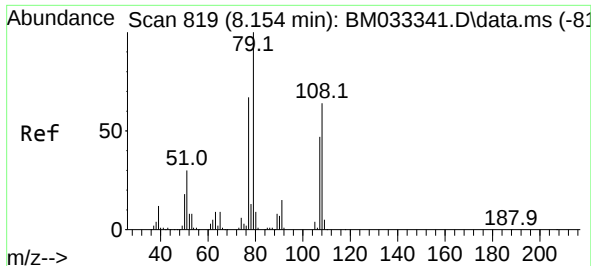
Tgt Ion: 99 Resp: 573645
Ion Ratio Lower Upper
99 100
42 26.5 20.3 30.5
71 46.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.043 min Scan# 630
Delta R.T. -0.017 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#





#15

Benzyl Alcohol

Concen: 0.594 ng

RT: 7.907 min Scan# 7

Delta R.T. -0.247 min

Lab File: BM033347.D

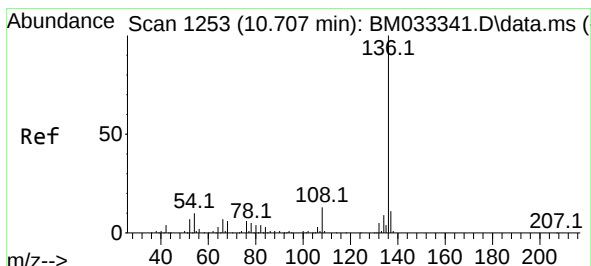
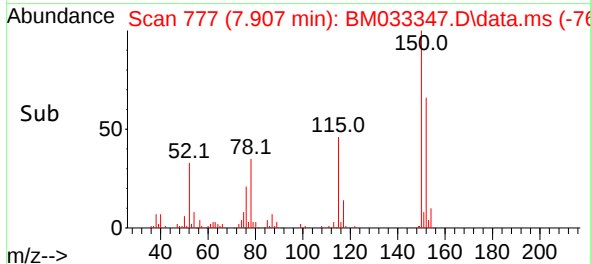
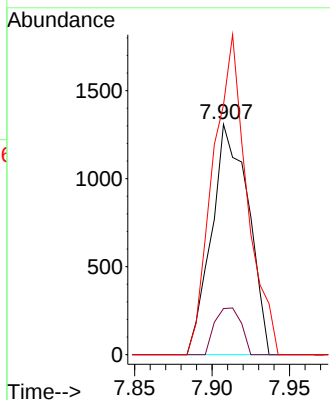
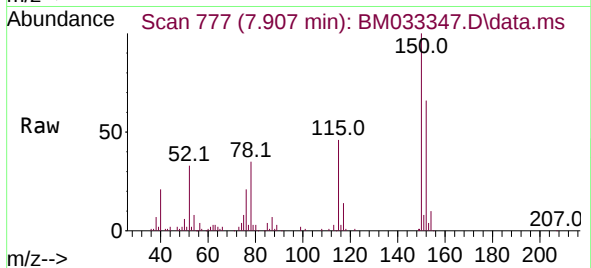
Acq: 08 Dec 2021 17:24

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 79	Resp: 2158
Ion Ratio	Lower Upper
79 100	
108 19.9	51.1 76.7#
77 108.3	53.8 80.8#



#21

Naphthalene-d8

Concen: 20.000 ng

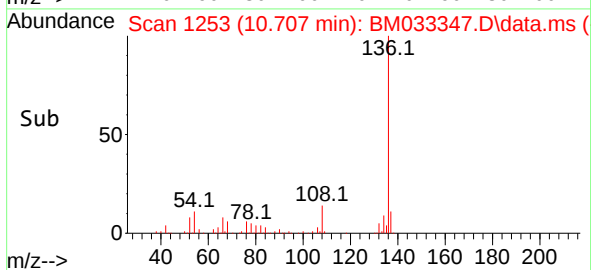
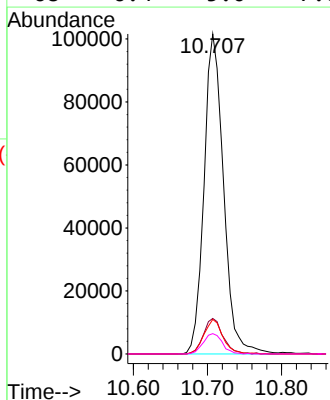
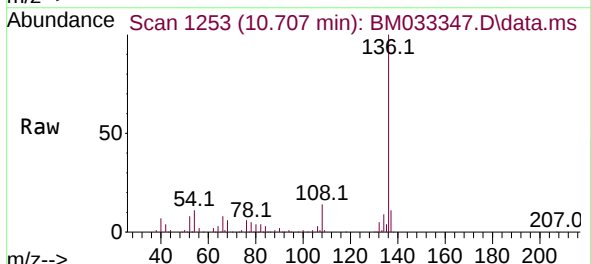
RT: 10.707 min Scan# 1253

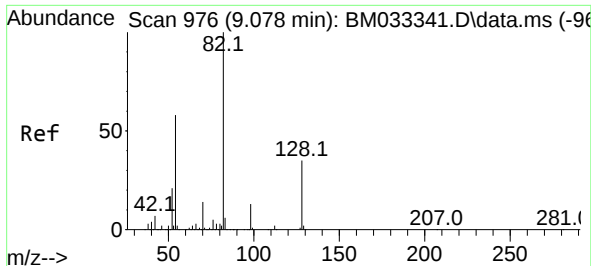
Delta R.T. 0.000 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

Tgt Ion: 136	Resp: 186028
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 10.8	8.3 12.5
68 6.4	5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.426 ng

RT: 9.072 min Scan# 91

Delta R.T. -0.006 min

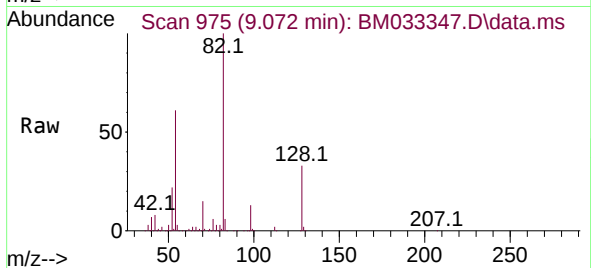
Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

Instrument :

BNA_M

ClientSampleId :



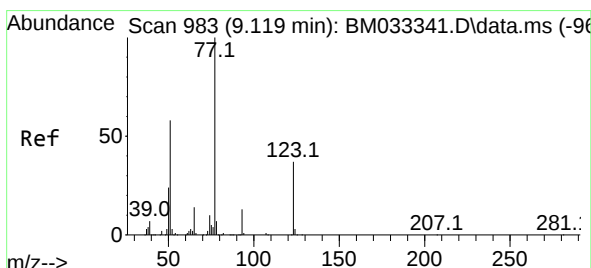
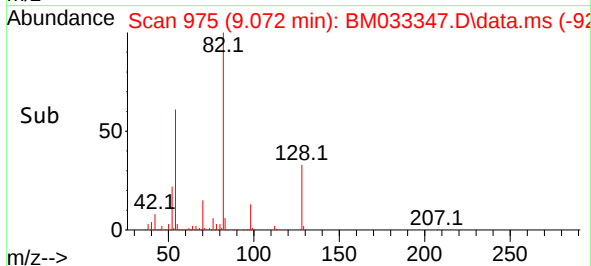
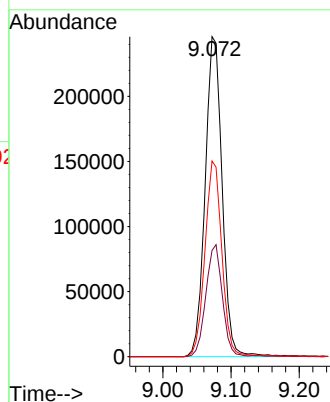
Tgt Ion: 82 Resp: 426845

Ion Ratio Lower Upper

82 100

128 33.2 28.1 42.1

54 61.2 46.1 69.1



#24

Nitrobenzene

Concen: 0.404 ng

RT: 9.072 min Scan# 975

Delta R.T. -0.047 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

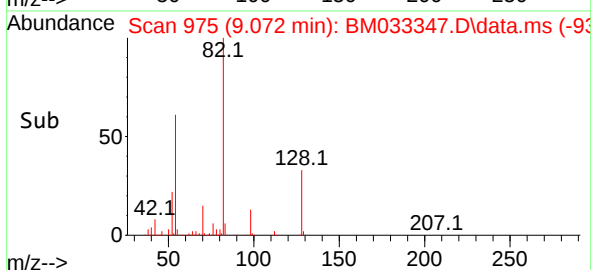
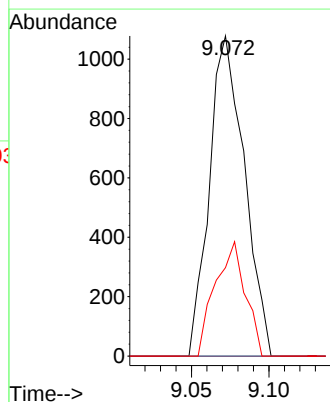
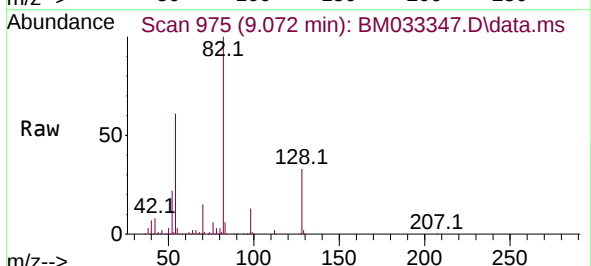
Tgt Ion: 77 Resp: 1692

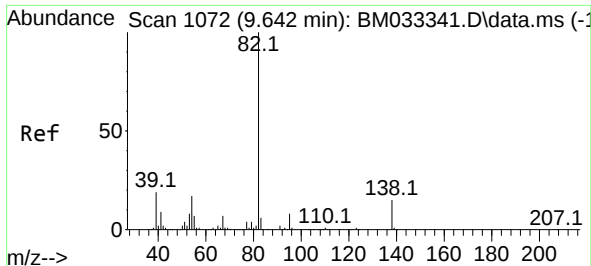
Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

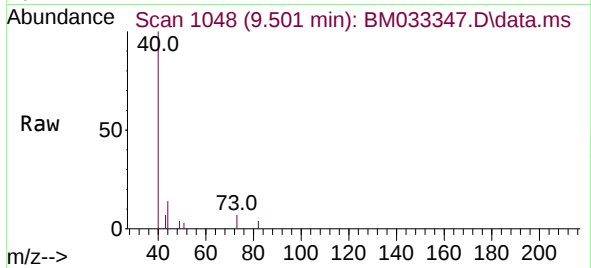
65 27.6 11.5 17.3#



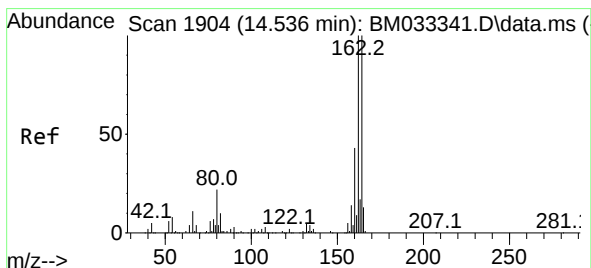
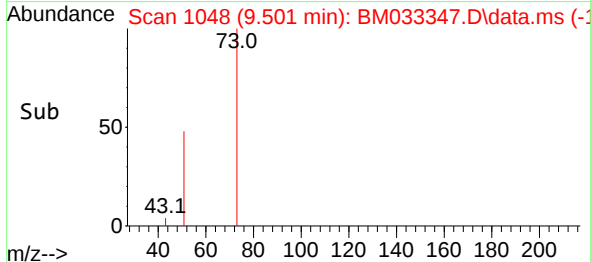
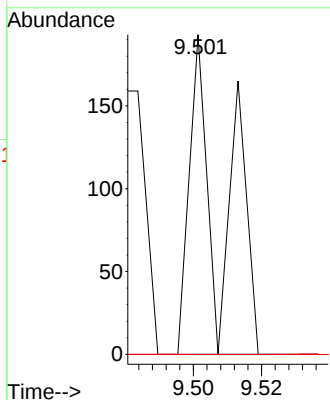


#25
Isophorone
Concen: 0.019 ng
RT: 9.501 min Scan# 1048
Delta R.T. -0.141 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Instrument :
BNA_M
ClientSampleId :

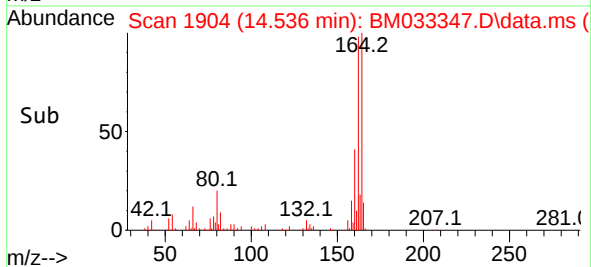
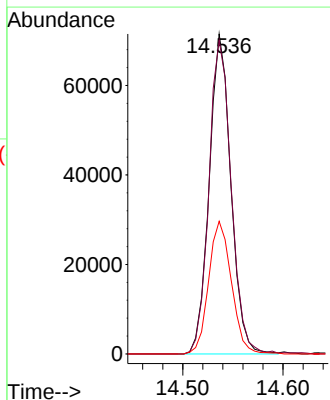
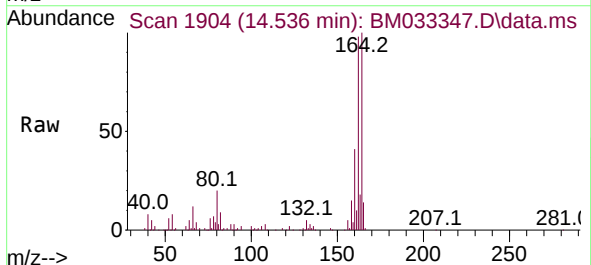


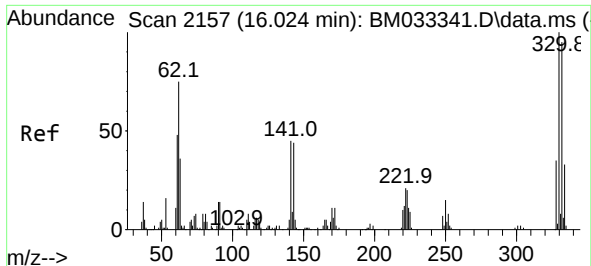
Tgt Ion: 82 Resp: 126
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.4 18.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.536 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

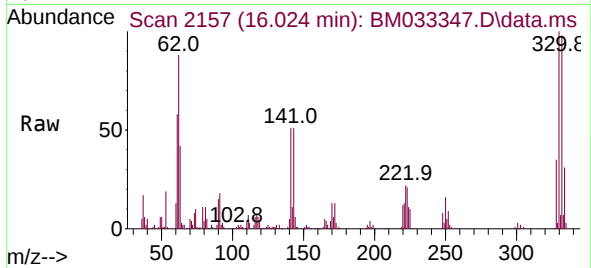
Tgt Ion: 164 Resp: 107482
Ion Ratio Lower Upper
164 100
162 98.0 79.7 119.5
160 41.4 34.2 51.4



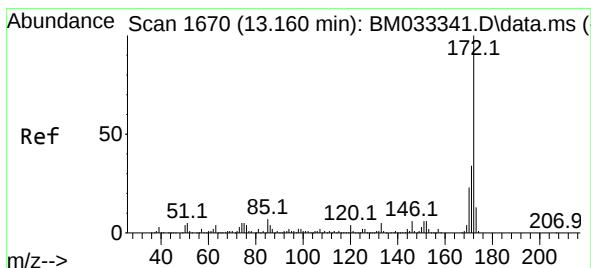
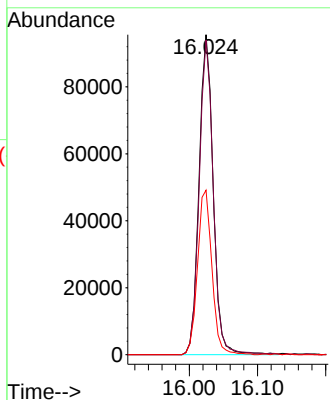
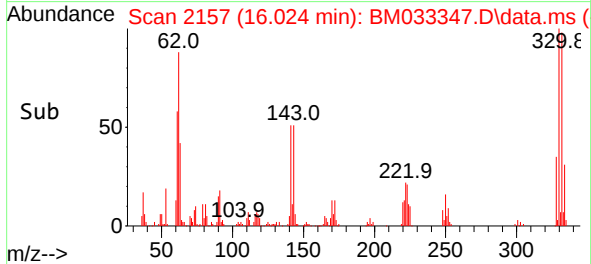


#42
2,4,6-Tribromophenol
Concen: 120.134 ng
RT: 16.024 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

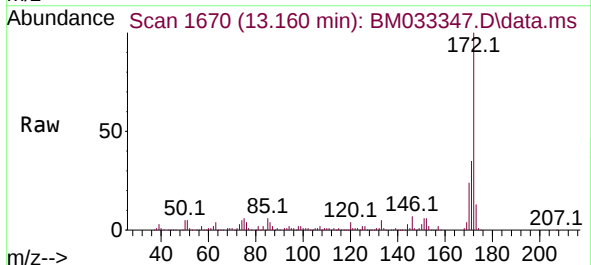
Instrument :
BNA_M
ClientSampleId :



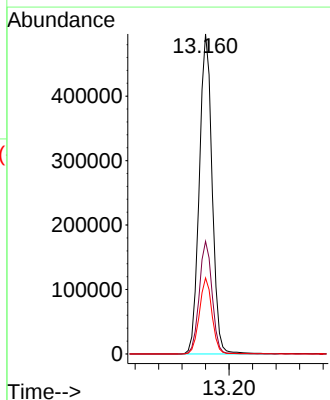
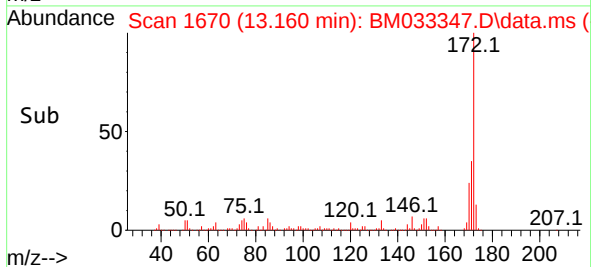
Tgt Ion:330 Resp: 138125
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 52.2 35.9 53.9

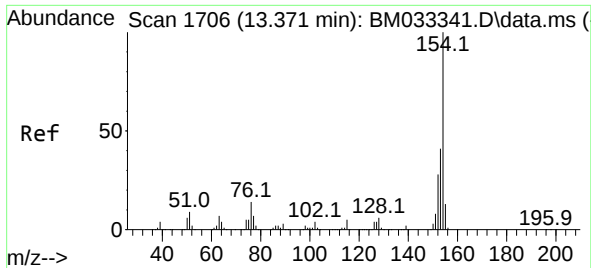


#45
2-Fluorobiphenyl
Concen: 96.629 ng
RT: 13.160 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24



Tgt Ion:172 Resp: 750832
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.7 18.7 28.1





#46

1,1'-Biphenyl

Concen: 0.192 ng

RT: 13.166 min Scan# 1

Delta R.T. -0.206 min

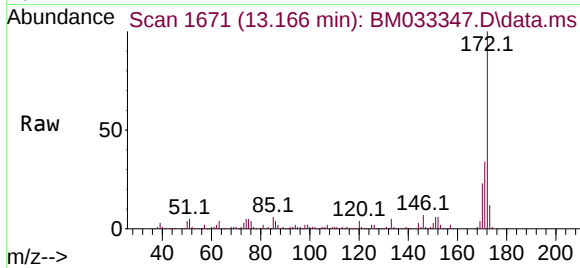
Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

Instrument :

BNA_M

ClientSampleId :



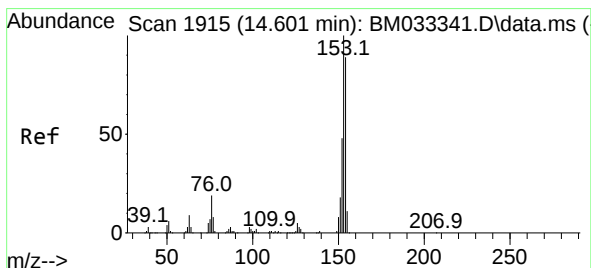
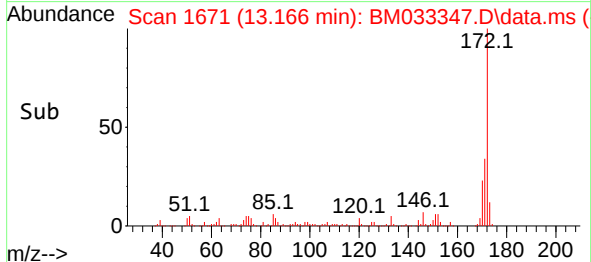
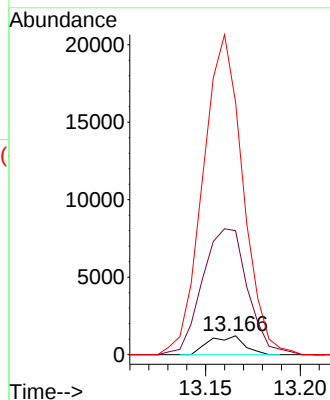
Tgt Ion:154 Resp: 1575

Ion Ratio Lower Upper

154 100

153 654.0 20.7 60.7#

76 1331.8 0.0 34.4#



#52

Acenaphthene

Concen: 0.055 ng

RT: 14.536 min Scan# 1904

Delta R.T. -0.064 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

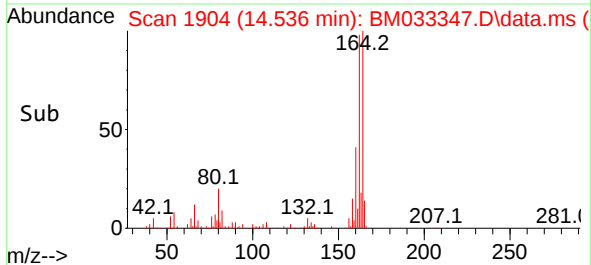
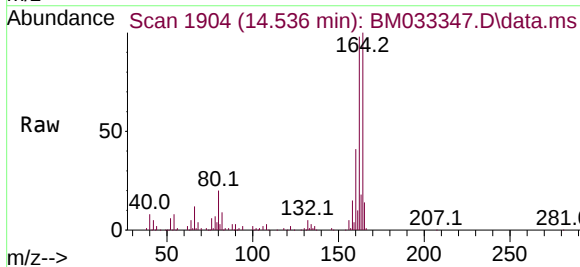
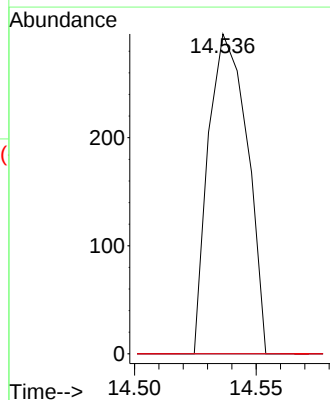
Tgt Ion:154 Resp: 329

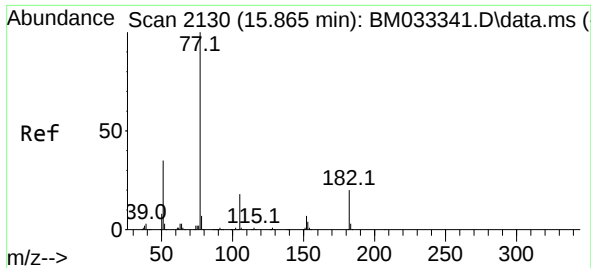
Ion Ratio Lower Upper

154 100

153 0.0 90.2 135.4#

152 0.0 43.5 65.3#

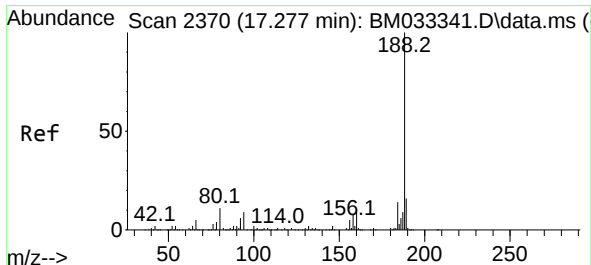
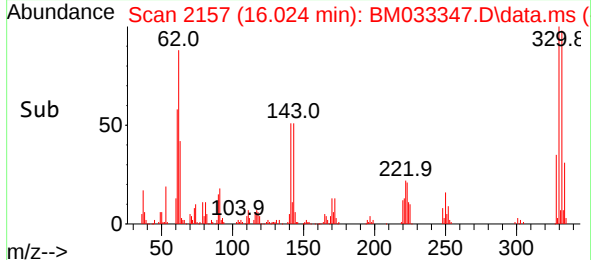
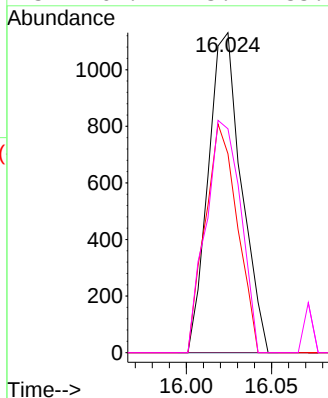
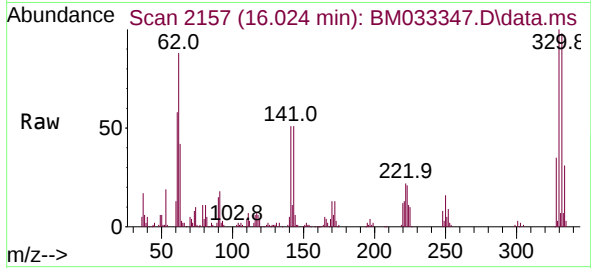




#63
Azobenzene
Concen: 0.168 ng
RT: 16.024 min Scan# 2130
Delta R.T. 0.159 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

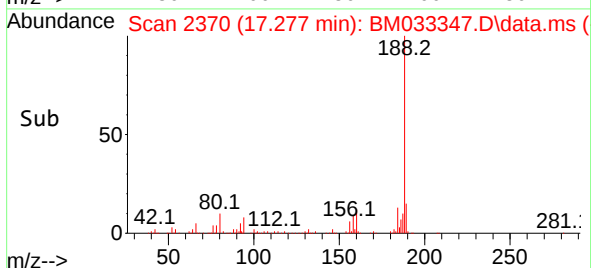
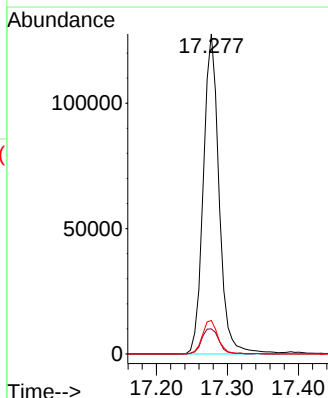
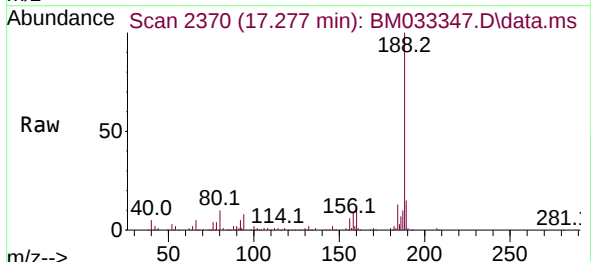
Instrument :
BNA_M
ClientSampleId :

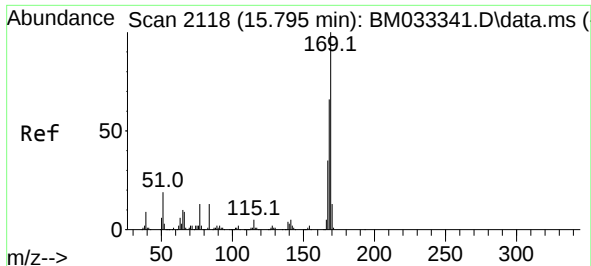
Tgt Ion: 77	Resp: 1531
Ion Ratio	Lower Upper
77 100	
182 0.0	0.3 40.3#
105 62.2	0.0 38.3#
51 69.9	15.1 55.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.277 min Scan# 2370
Delta R.T. 0.000 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

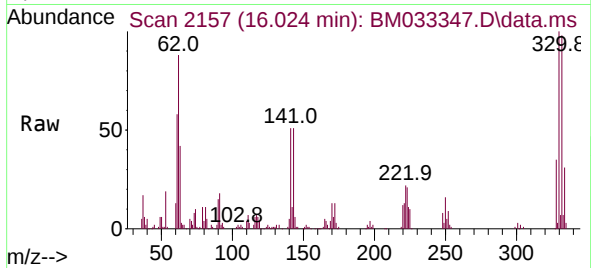
Tgt Ion: 188	Resp: 197206
Ion Ratio	Lower Upper
188 100	
94 7.8	7.5 11.3
80 10.5	8.9 13.3



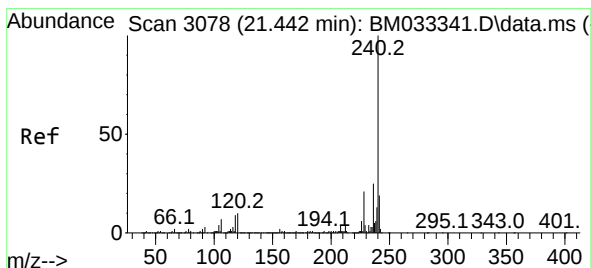
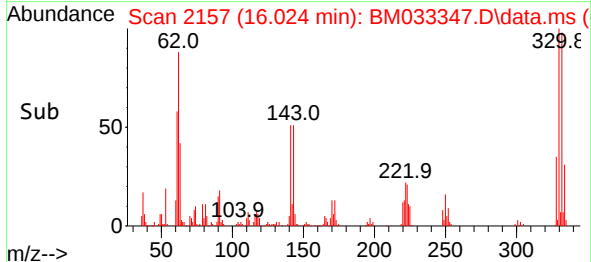
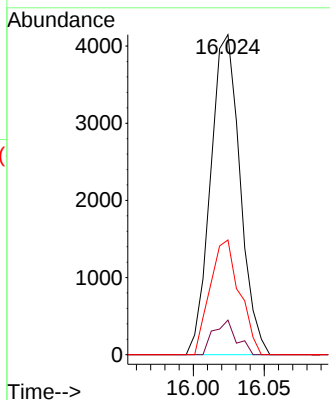


#66
 n-Nitrosodiphenylamine
 Concen: 1.004 ng
 RT: 16.024 min Scan# 2118
 Delta R.T. 0.230 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Instrument :
 BNA_M
 ClientSampleId :

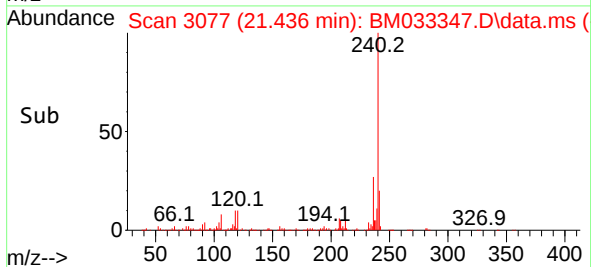
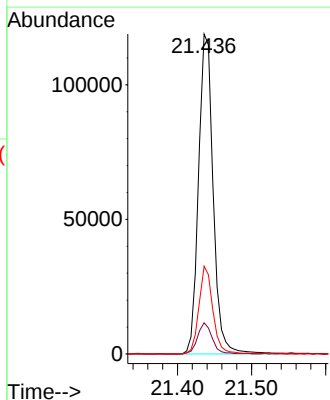
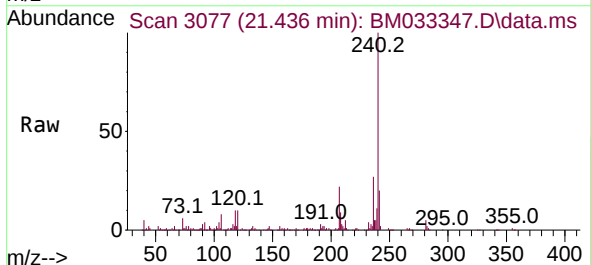


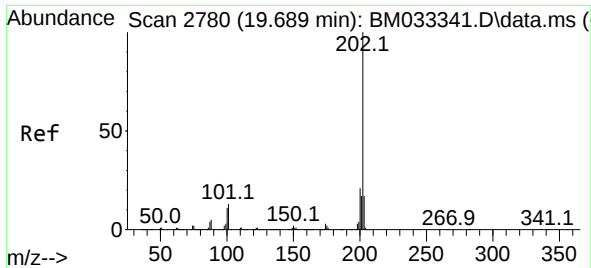
Tgt Ion:169 Resp: 5998
 Ion Ratio Lower Upper
 169 100
 168 10.8 52.5 78.7#
 167 35.8 28.4 42.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.436 min Scan# 3077
 Delta R.T. -0.006 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Tgt Ion:240 Resp: 163498
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.8 11.6
 236 27.4 20.3 30.5

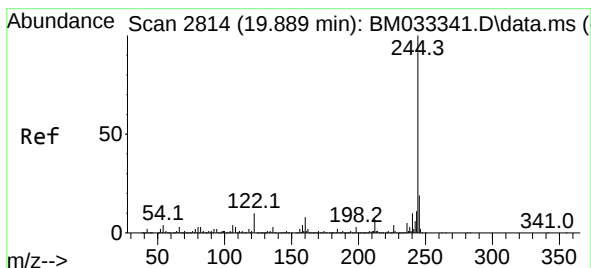
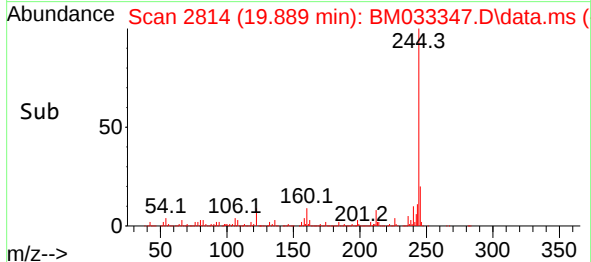
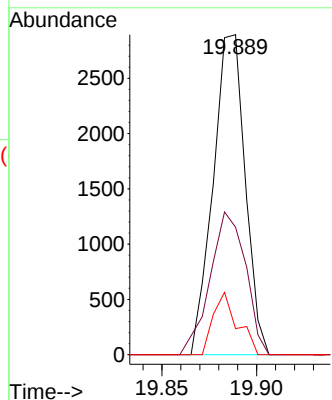
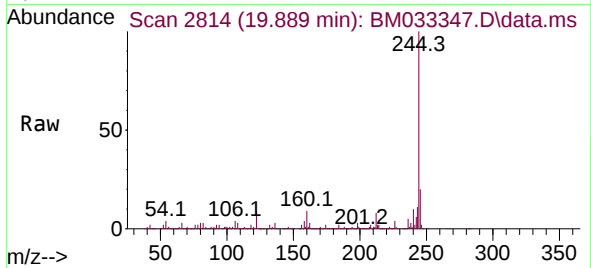




#78
 Pyrene
 Concen: 0.298 ng
 RT: 19.889 min Scan# 21
 Delta R.T. 0.200 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

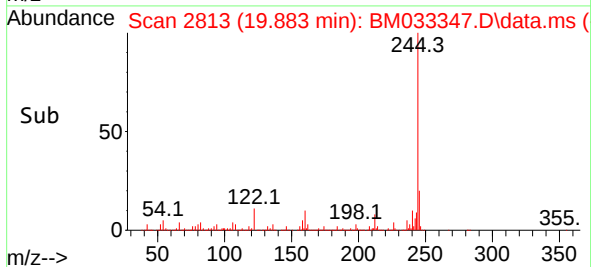
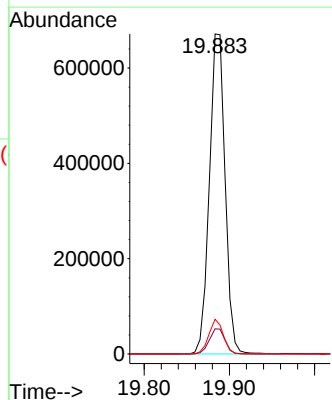
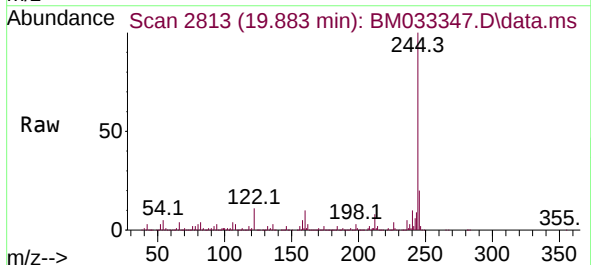
Instrument :
 BNA_M
 ClientSampleId :

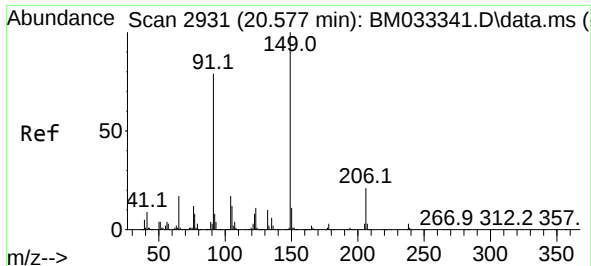
Tgt Ion:202 Resp: 3412
 Ion Ratio Lower Upper
 202 100
 200 39.8 16.4 24.6#
 203 8.2 13.5 20.3#



#79
 Terphenyl-d14
 Concen: 97.761 ng
 RT: 19.883 min Scan# 2813
 Delta R.T. -0.006 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Tgt Ion:244 Resp: 862738
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.8 8.4 12.6

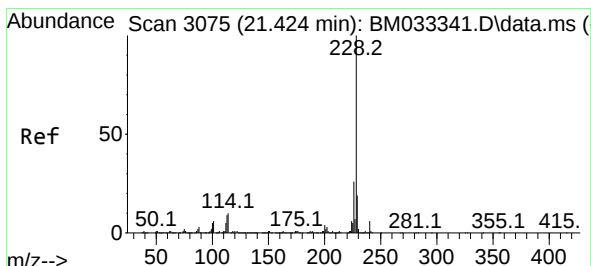
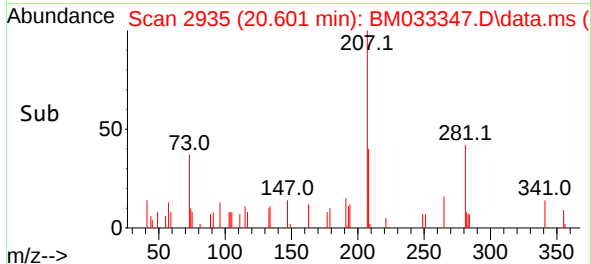
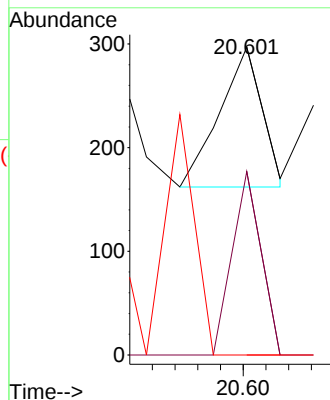
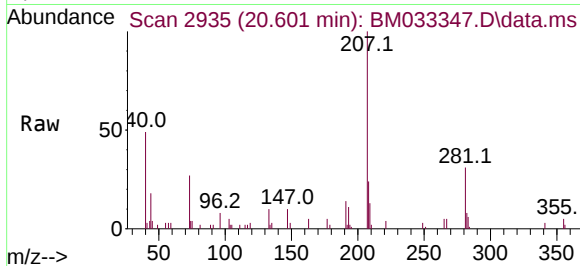




#80
Butylbenzylphthalate
Concen: 0.016 ng
RT: 20.601 min Scan# 2931
Delta R.T. 0.024 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

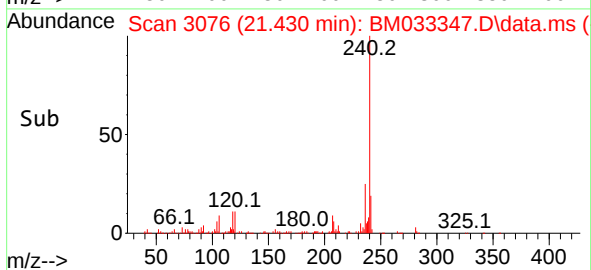
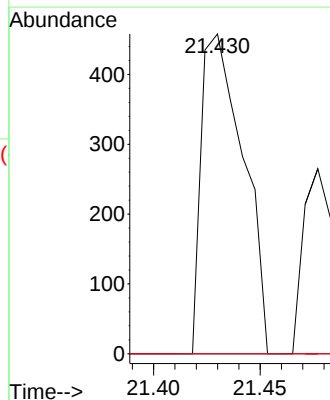
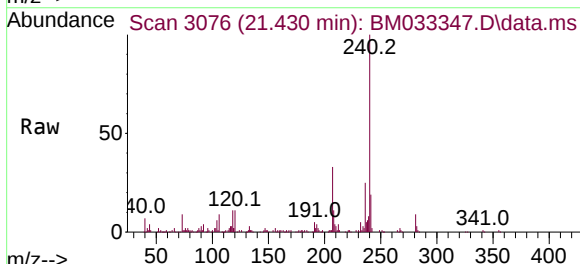
Instrument :
BNA_M
ClientSampleId :

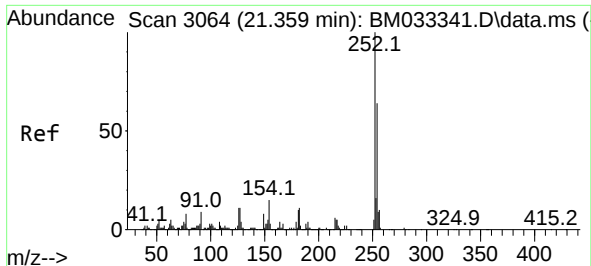
Tgt Ion:149 Resp: 71
Ion Ratio Lower Upper
149 100
91 59.6 63.4 95.0#
206 0.0 16.8 25.2#



#81
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.430 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion:228 Resp: 627
Ion Ratio Lower Upper
228 100
226 0.0 21.0 31.6#
229 0.0 15.5 23.3#

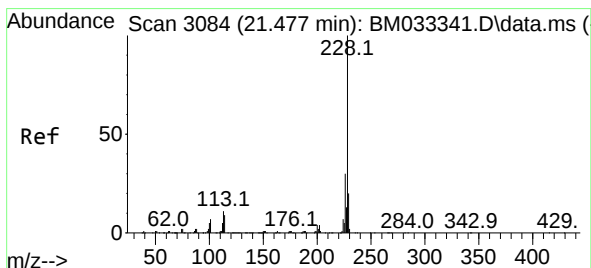
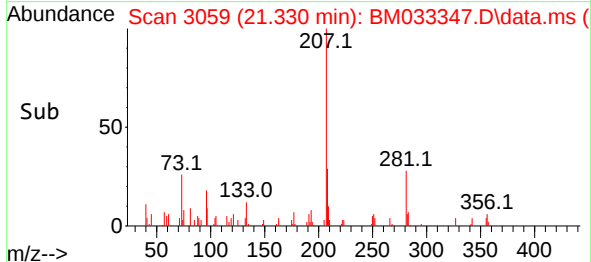
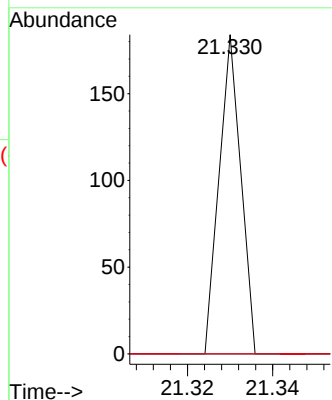
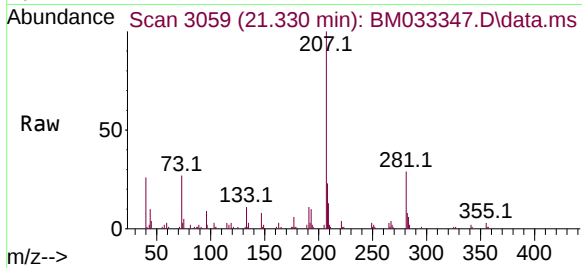




#82
 3,3'-Dichlorobenzidine
 Concen: 0.013 ng
 RT: 21.330 min Scan# 3059
 Delta R.T. -0.029 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

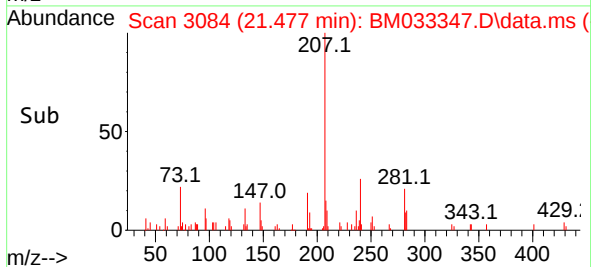
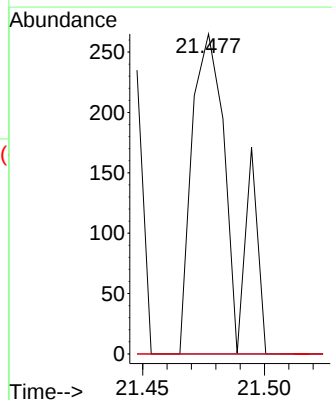
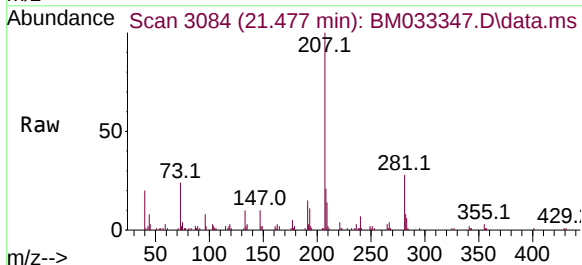
Instrument :
 BNA_M
 ClientSampleId :

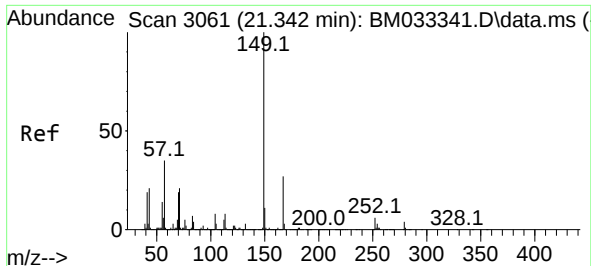
Tgt Ion:252 Resp: 65
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 0.0 8.8 13.2#



#83
 Chrysene
 Concen: 0.029 ng
 RT: 21.477 min Scan# 3084
 Delta R.T. 0.000 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Tgt Ion:228 Resp: 298
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.8 35.8#
 229 0.0 15.8 23.8#

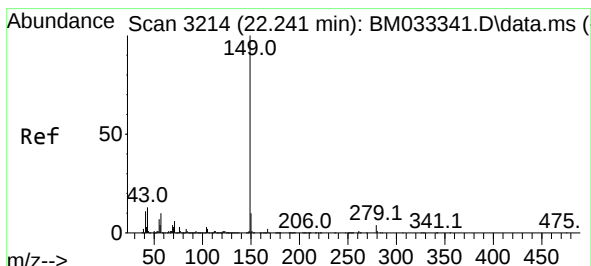
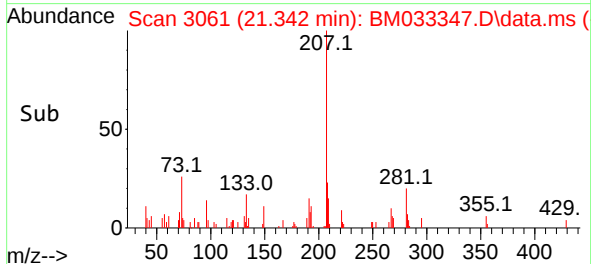
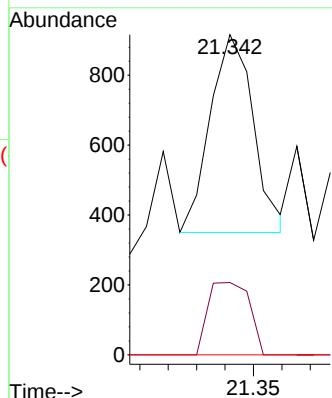
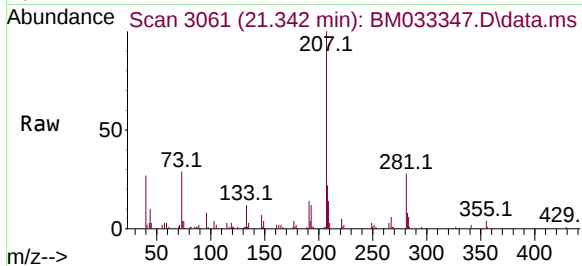




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.342 min Scan# 3061
 Delta R.T. 0.000 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

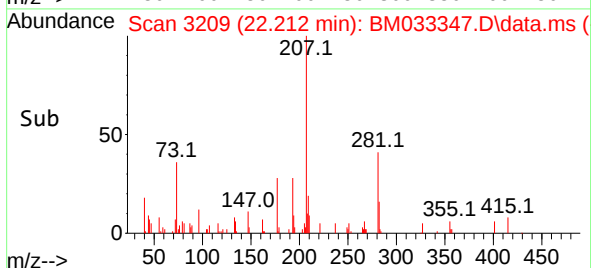
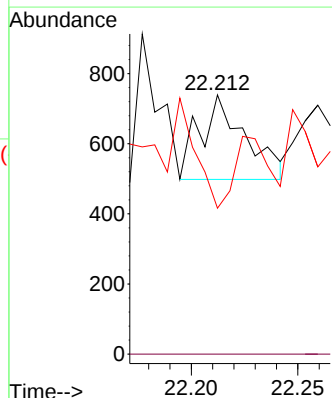
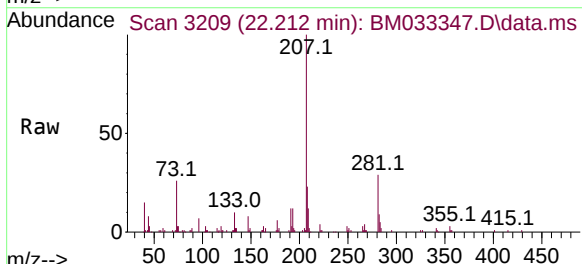
Instrument :
 BNA_M
 ClientSampleId :

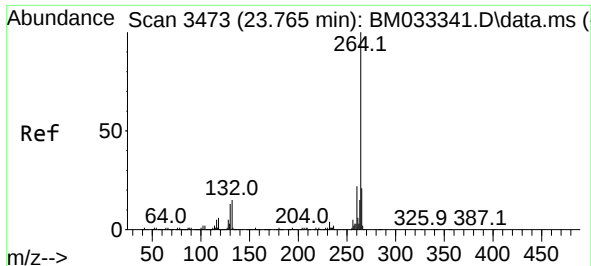
Tgt Ion:149 Resp: 598
 Ion Ratio Lower Upper
 149 100
 167 22.6 21.4 32.0
 279 0.0 3.0 4.6#



#85
 Di-n-octyl phthalate
 Concen: 0.034 ng
 RT: 22.212 min Scan# 3209
 Delta R.T. -0.029 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Tgt Ion:149 Resp: 359
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 62.7 10.4 15.6#



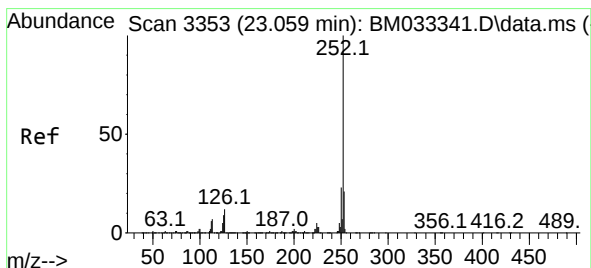
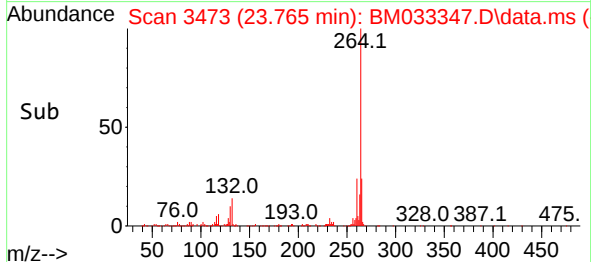
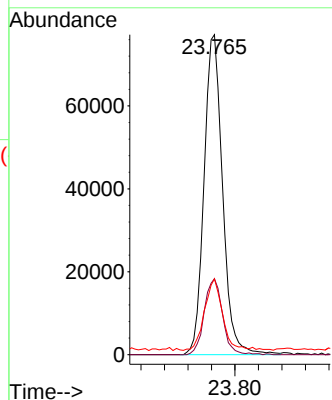
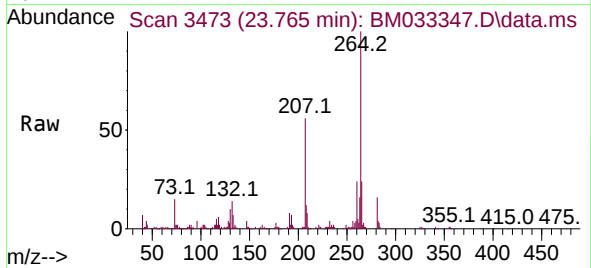


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.765 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:264 Resp: 168747

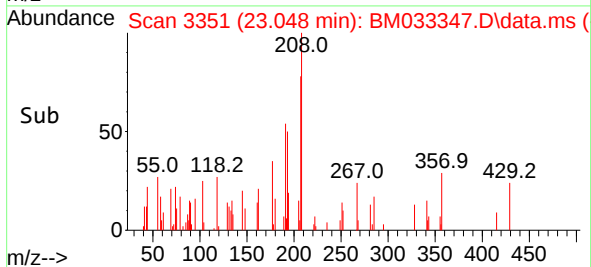
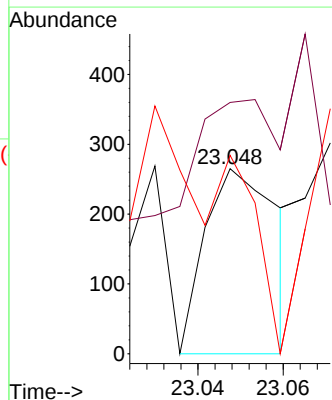
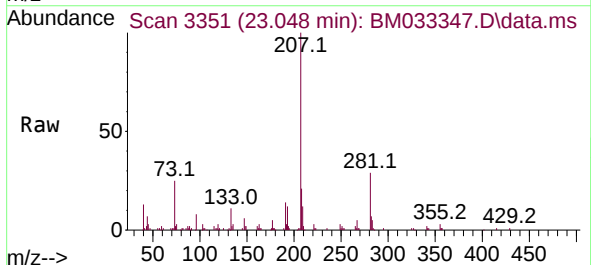
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.7	26.5
265	23.7	17.7	26.5

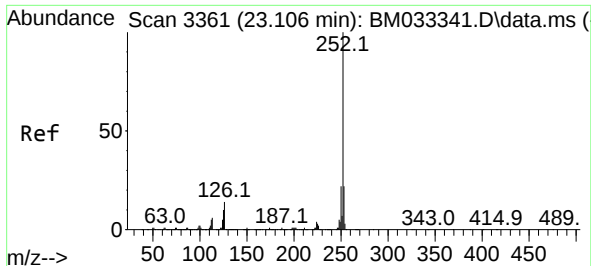


#88
 Benzo(b)fluoranthene
 Concen: 0.030 ng
 RT: 23.048 min Scan# 3351
 Delta R.T. -0.012 min
 Lab File: BM033347.D
 Acq: 08 Dec 2021 17:24

Tgt Ion:252 Resp: 314

Ion	Ratio	Lower	Upper
252	100		
253	135.8	17.1	25.7#
125	107.2	7.4	11.2#

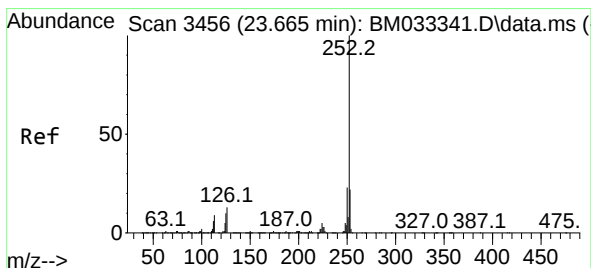
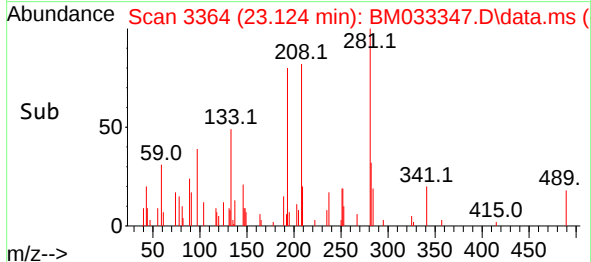
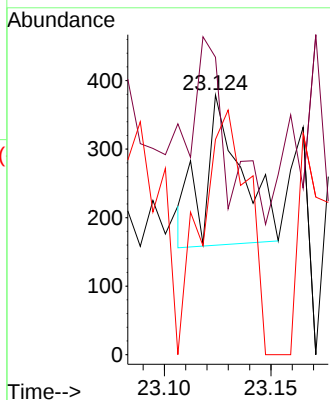
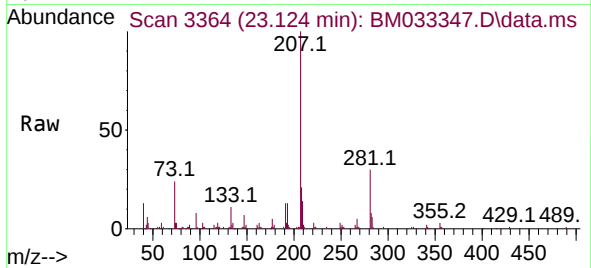




#89
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.124 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 267
Ion Ratio Lower Upper
252 100
253 114.5 17.8 26.8#
125 82.8 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 0.056 ng
RT: 23.689 min Scan# 3460
Delta R.T. 0.024 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion:252 Resp: 487
Ion Ratio Lower Upper
252 100
253 139.9 17.5 26.3#
125 48.1 7.8 11.8#

