

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
 Data File : BM033271.D
 Acq On : 26 Nov 2021 18:53
 Operator : CG/JU
 Sample : M4809-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1994

Quant Time: Nov 26 23:24:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

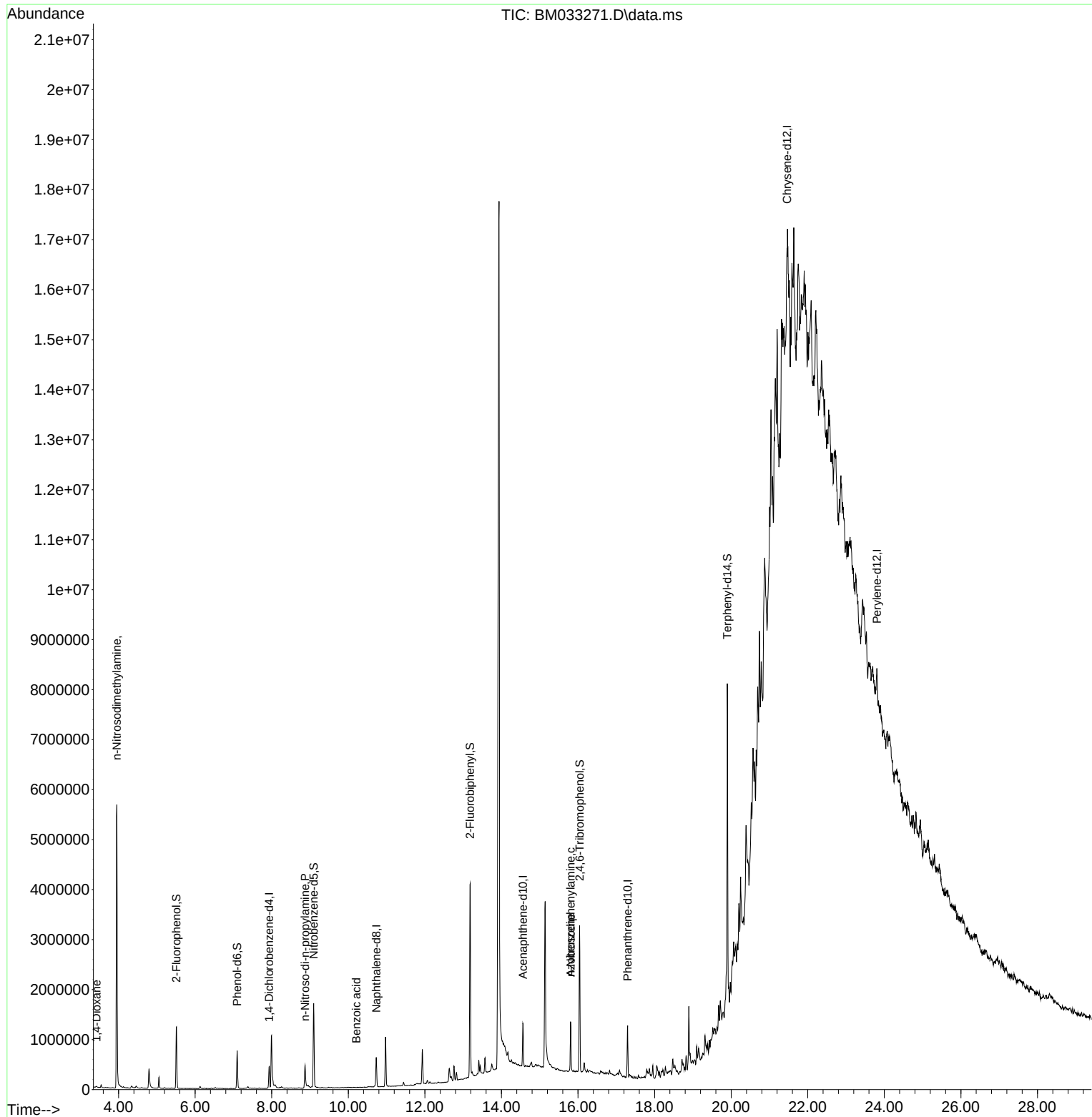
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	114569	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	459589	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	287117	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	604425	20.000	ng	# 0.00
76) Chrysene-d12	21.459	240	504391	20.000	ng	0.00
86) Perylene-d12	23.806	264	544231	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	488909	70.470	ng	0.00
7) Phenol-d6	7.095	99	402723	43.342	ng	0.00
23) Nitrobenzene-d5	9.095	82	968550	97.834	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	459249	146.732	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	1970361	96.783	ng	0.00
79) Terphenyl-d14	19.900	244	2734688	107.209	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	8108	2.741	ng	# 17
4) n-Nitrosodimethylamine	3.954	42	226309	59.306	ng	# 11
9) Benzaldehyde	7.101	77	1698	Below Cal		# 30
19) n-Nitroso-di-n-propyla...	8.872	70	66284	10.729	ng	# 57
32) Benzoic acid	10.213	122	59	5.231	ng	# 1
63) Azobenzene	15.807	77	48432	2.161	ng	# 1
66) n-Nitrosodiphenylamine	15.807	169	367335	20.715	ng	97

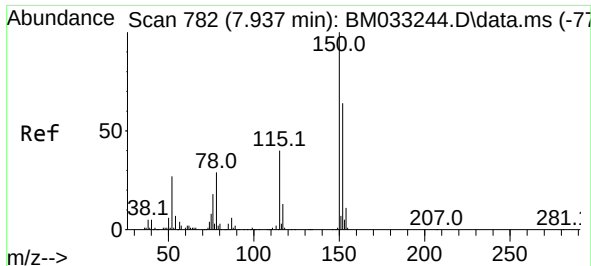
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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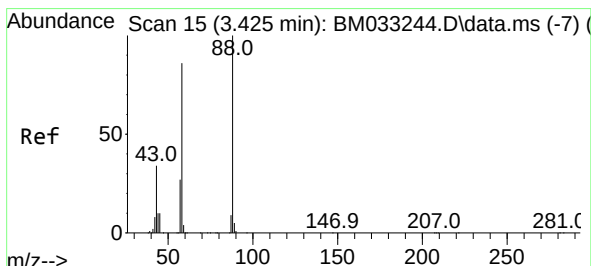
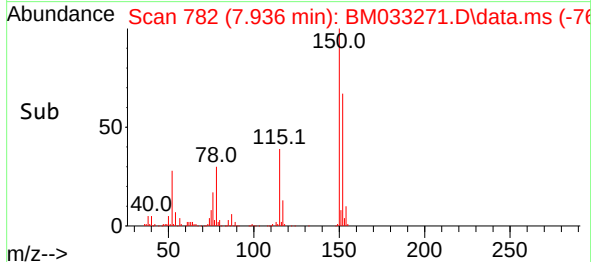
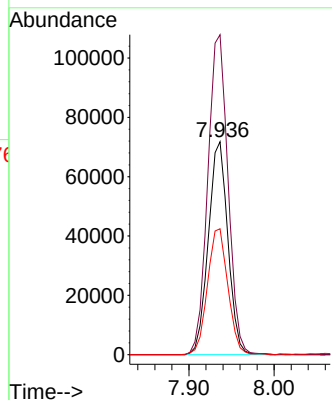
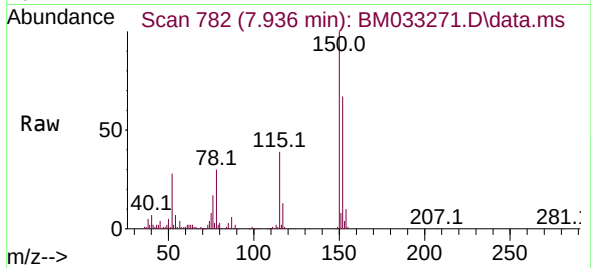




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.936 min Scan# 7
 Delta R.T. -0.001 min
 Lab File: BM033271.D
 Acq: 26 Nov 2021 18:53

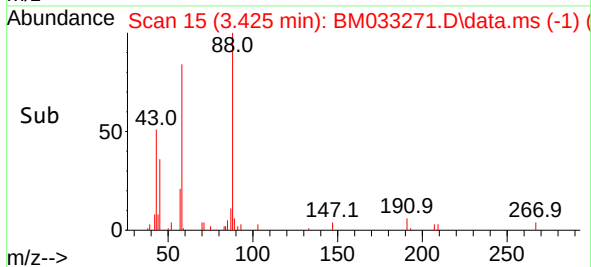
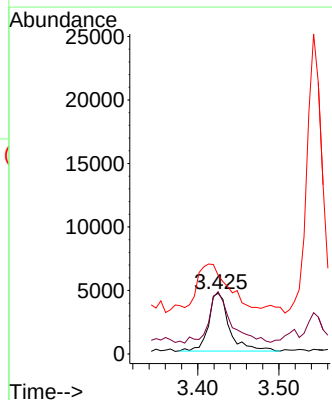
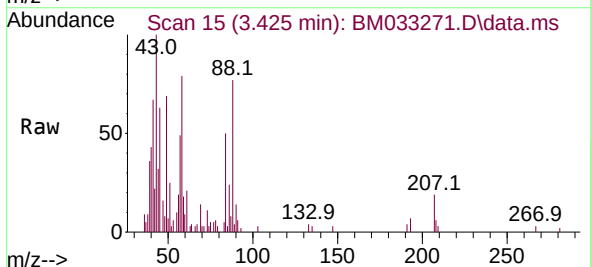
Instrument :
 BNA_M
 ClientSampleId :
 1994

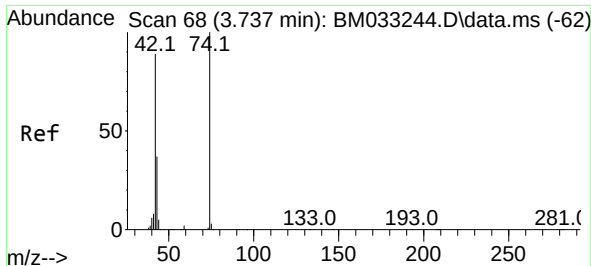
Tgt Ion:152 Resp: 114569
 Ion Ratio Lower Upper
 152 100
 150 150.2 122.4 183.6
 115 59.1 53.8 80.8



#2
 1,4-Dioxane
 Concen: 2.741 ng
 RT: 3.425 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: BM033271.D
 Acq: 26 Nov 2021 18:53

Tgt Ion: 88 Resp: 8108
 Ion Ratio Lower Upper
 88 100
 58 94.2 50.4 75.6#
 43 122.1 22.2 33.2#

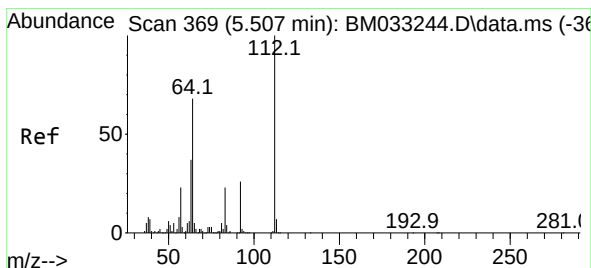
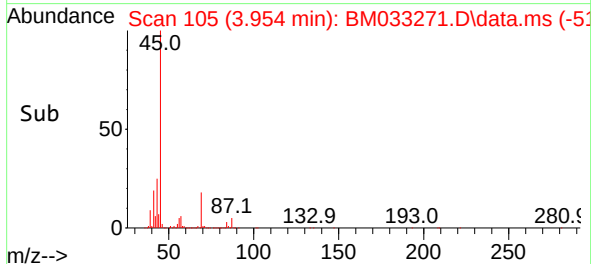
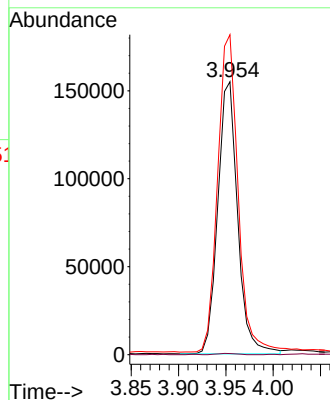
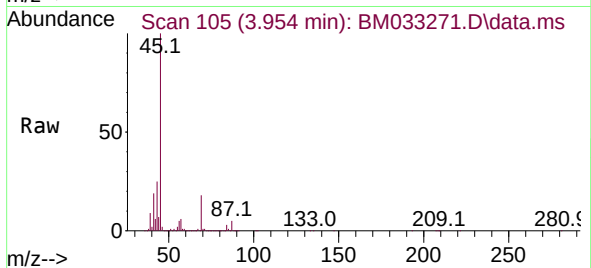




#4
n-Nitrosodimethylamine
Concen: 59.306 ng
RT: 3.954 min Scan# 105
Delta R.T. 0.217 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

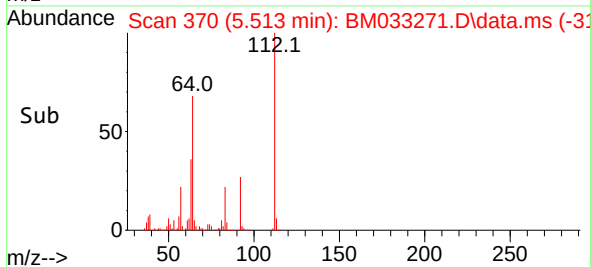
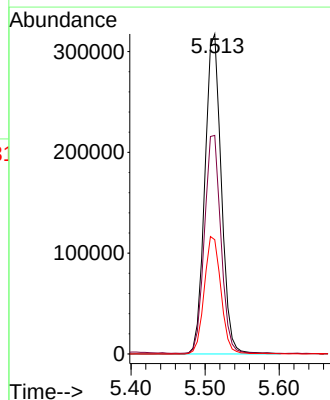
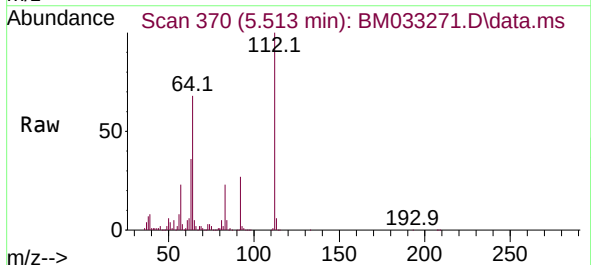
Instrument :
BNA_M
ClientSampleId :
1994

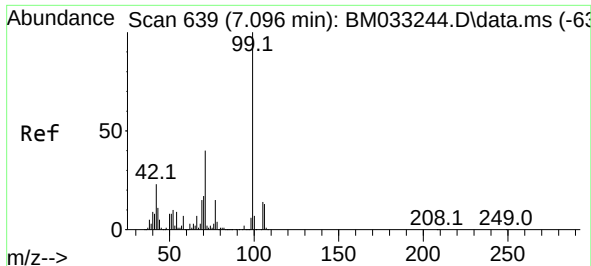
Tgt Ion: 42 Resp: 226309
Ion Ratio Lower Upper
42 100
74 0.4 99.5 149.3#
44 117.2 57.3 85.9#



#5
2-Fluorophenol
Concen: 70.470 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Tgt Ion: 112 Resp: 488909
Ion Ratio Lower Upper
112 100
64 68.3 53.7 80.5
63 35.7 33.9 50.9

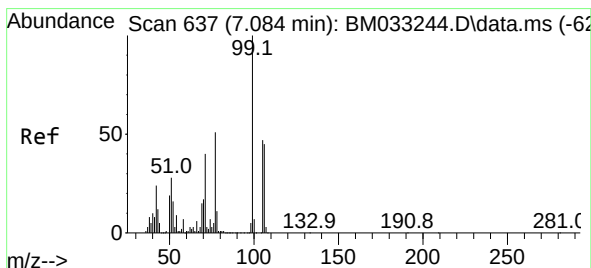
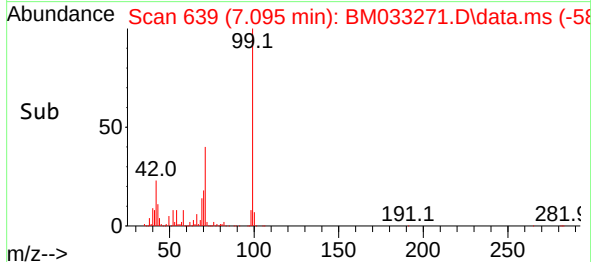
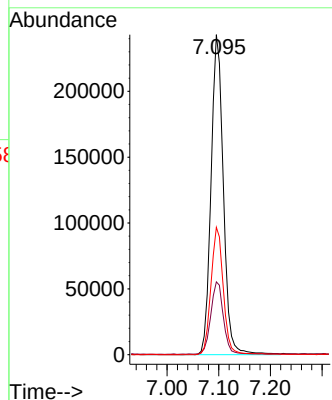
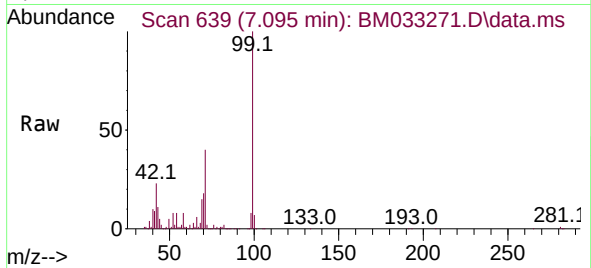




#7
Phenol-d6
Concen: 43.342 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

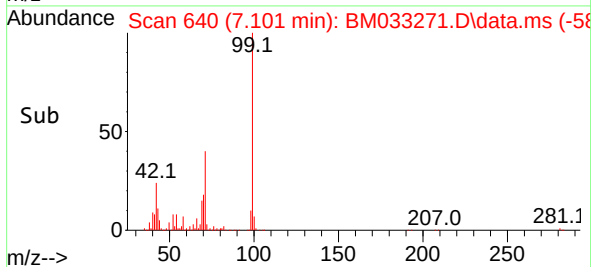
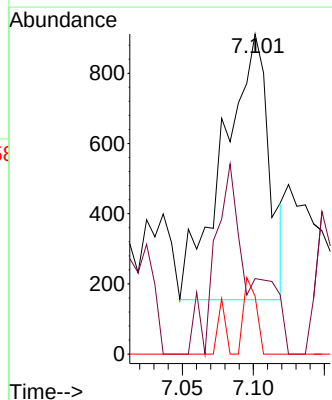
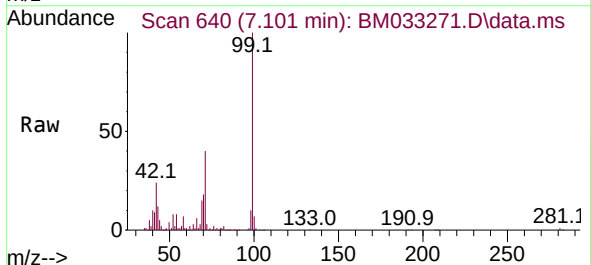
Instrument :
BNA_M
ClientSampleId :
1994

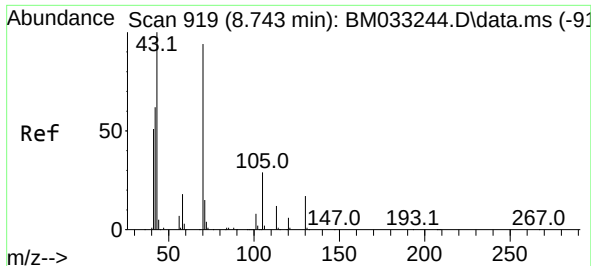
Tgt Ion: 99 Resp: 402723
Ion Ratio Lower Upper
99 100
42 22.8 23.0 34.6#
71 39.8 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 640
Delta R.T. 0.017 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Tgt Ion: 77 Resp: 1698
Ion Ratio Lower Upper
77 100
105 23.6 68.9 108.9#
106 18.1 61.2 101.2#

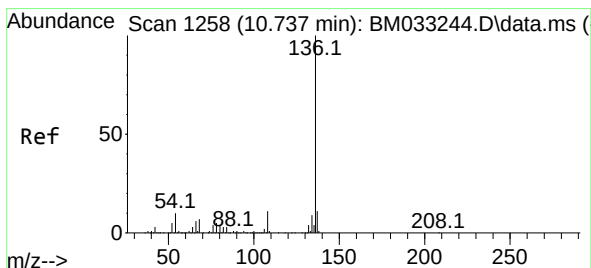
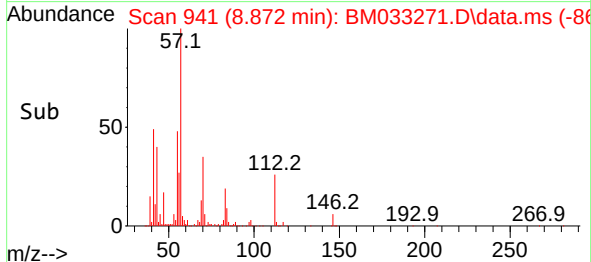
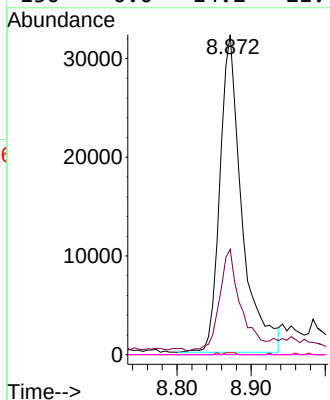
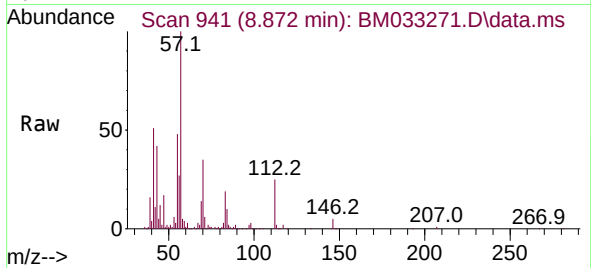




#19
n-Nitroso-di-n-propylamine
Concen: 10.729 ng
RT: 8.872 min Scan# 941
Delta R.T. 0.129 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

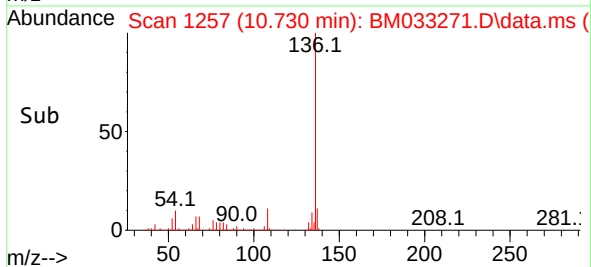
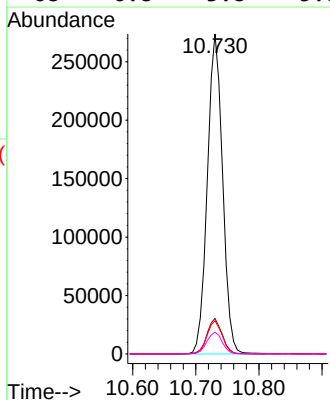
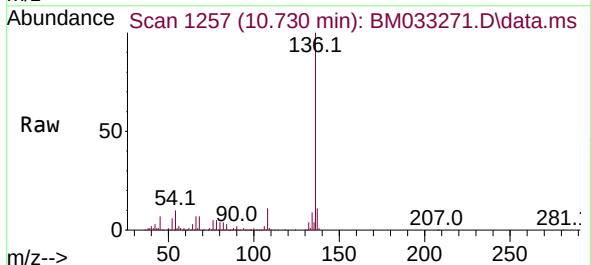
Instrument :
BNA_M
ClientSampleId :
1994

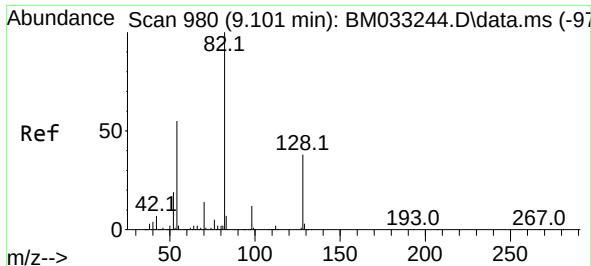
Tgt Ion: 70 Resp: 66284
Ion Ratio Lower Upper
70 100
42 32.9 56.3 84.5#
101 0.6 7.8 11.6#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1257
Delta R.T. -0.007 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Tgt Ion: 136 Resp: 459589
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.4 7.4 11.0
68 6.8 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 97.834 ng

RT: 9.095 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM033271.D

Acq: 26 Nov 2021 18:53

Instrument :

BNA_M

ClientSampleId :

1994

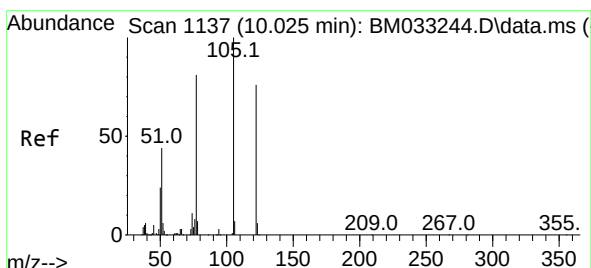
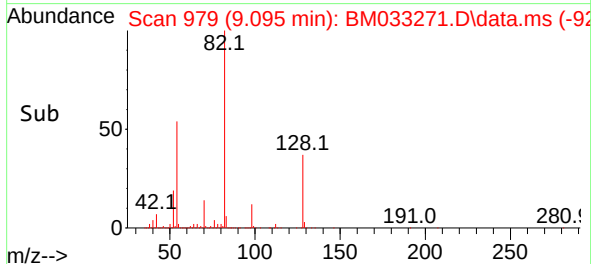
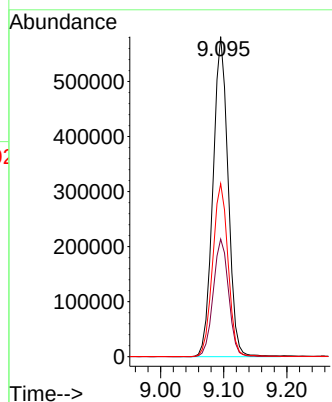
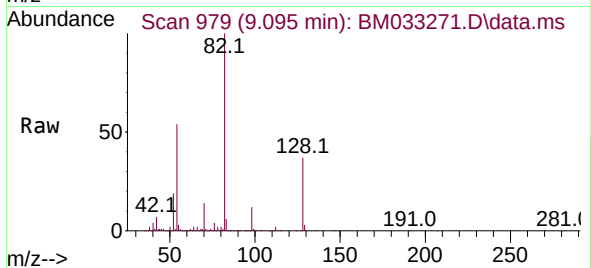
Tgt Ion: 82 Resp: 968550

Ion Ratio Lower Upper

82 100

128 36.8 29.0 43.6

54 54.0 45.8 68.8



#32

Benzoic acid

Concen: 5.231 ng

RT: 10.213 min Scan# 1169

Delta R.T. 0.188 min

Lab File: BM033271.D

Acq: 26 Nov 2021 18:53

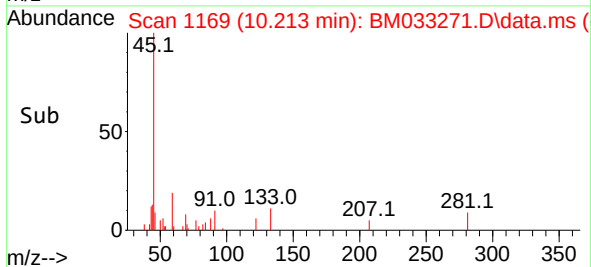
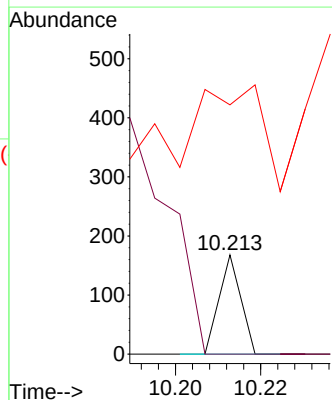
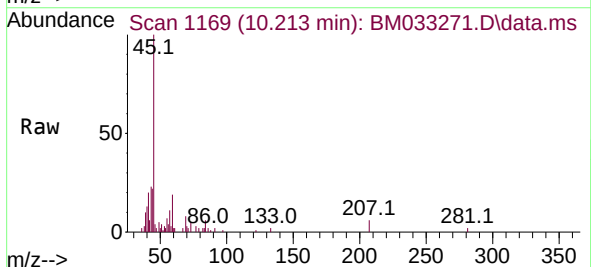
Tgt Ion: 122 Resp: 59

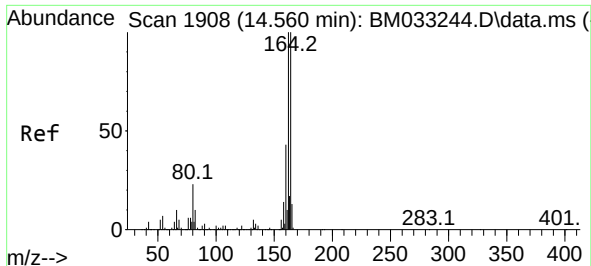
Ion Ratio Lower Upper

122 100

105 0.0 120.3 160.3#

77 251.2 100.0 140.0#

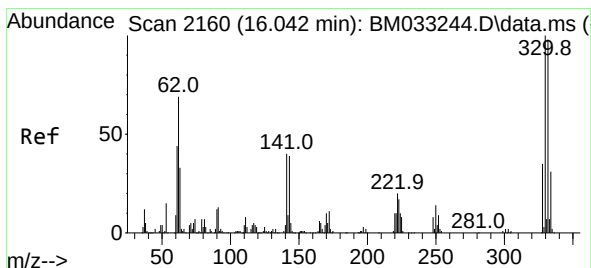
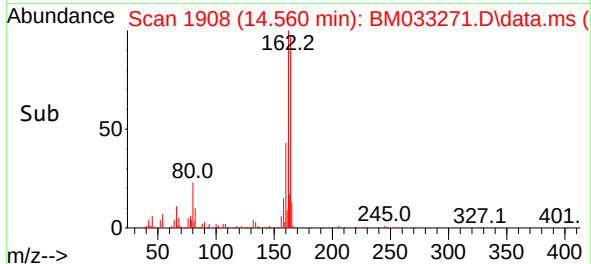
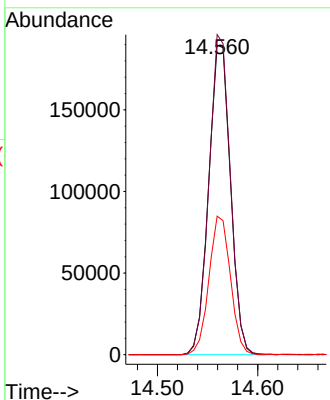
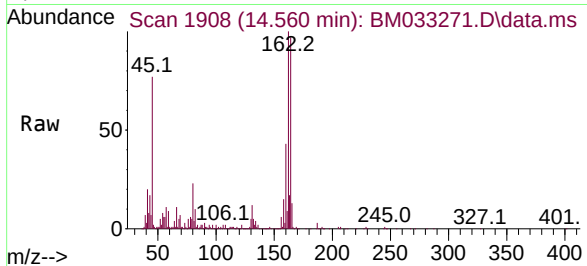




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

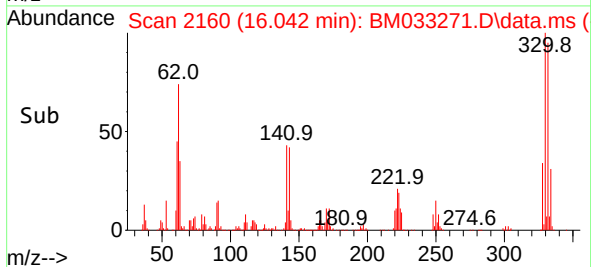
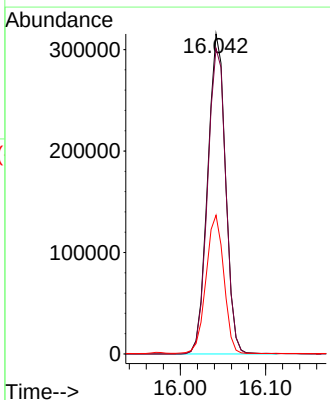
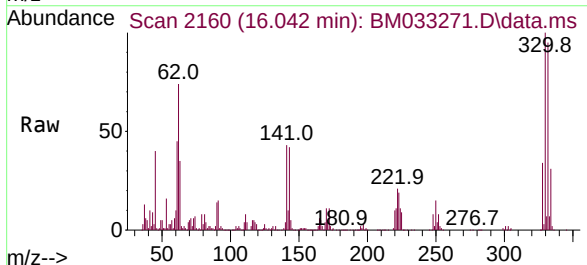
Instrument :
BNA_M
ClientSampleId :
1994

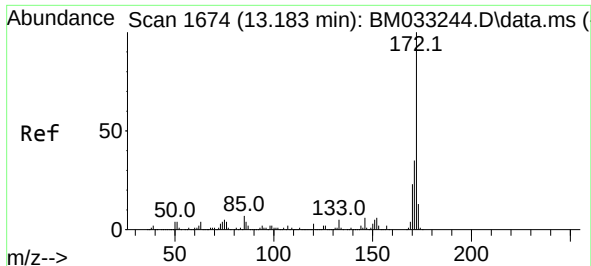
Tgt Ion:164 Resp: 287117
Ion Ratio Lower Upper
164 100
162 103.4 80.6 121.0
160 44.8 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 146.732 ng
RT: 16.042 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

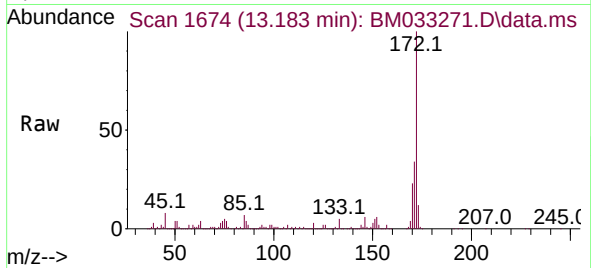
Tgt Ion:330 Resp: 459249
Ion Ratio Lower Upper
330 100
332 97.4 75.7 113.5
141 43.1 50.7 76.1#



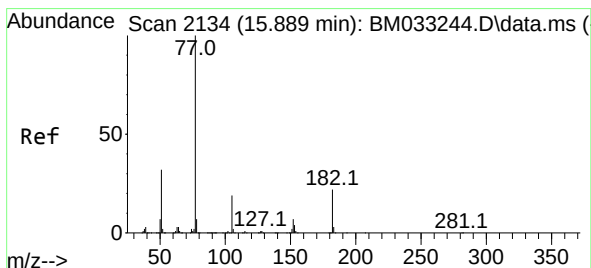
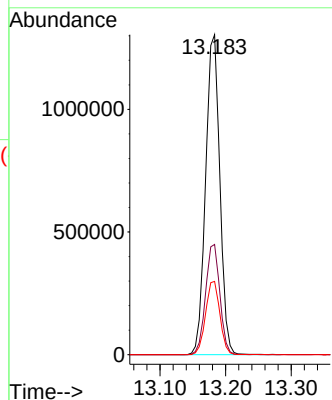
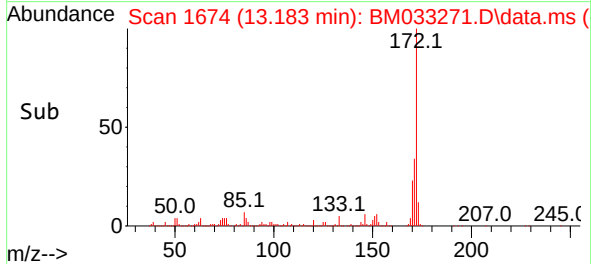


#45
2-Fluorobiphenyl
Concen: 96.783 ng
RT: 13.183 min Scan# 11994
Delta R.T. -0.000 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Instrument :
BNA_M
ClientSampleId :
1994

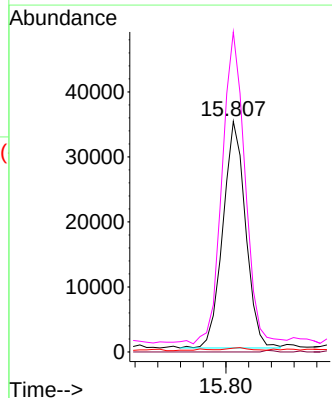
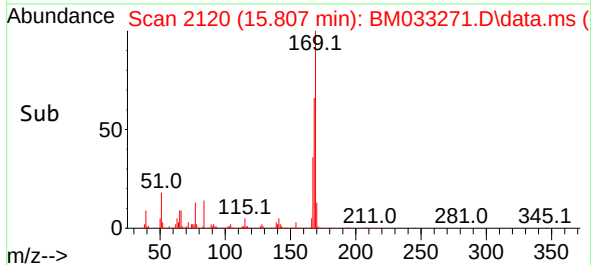
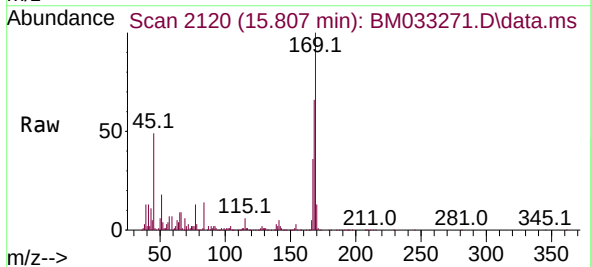


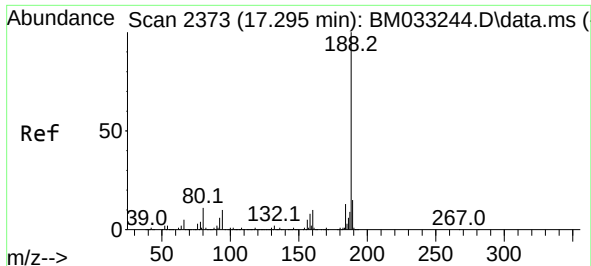
Tgt Ion:172 Resp: 1970361
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.9 18.6 27.8



#63
Azobenzene
Concen: 2.161 ng
RT: 15.807 min Scan# 2120
Delta R.T. -0.083 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Tgt Ion: 77 Resp: 48432
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.3
105 1.7 0.0 36.1
51 138.8 19.1 59.1#

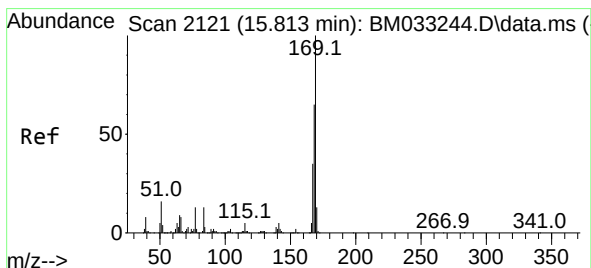
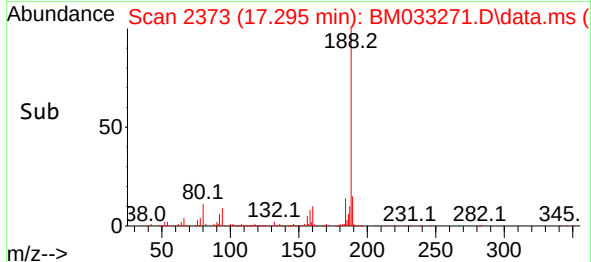
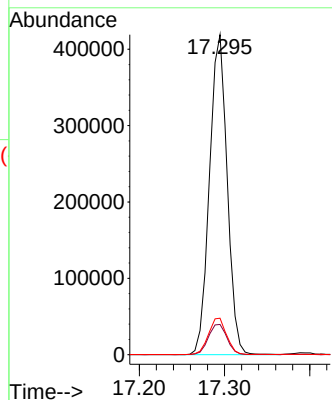
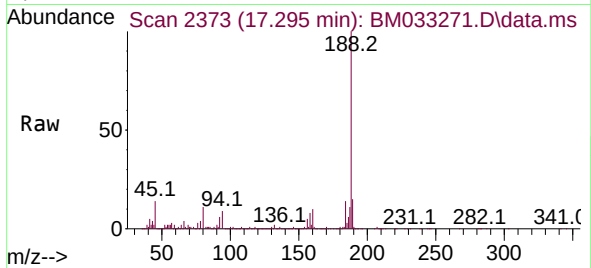




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

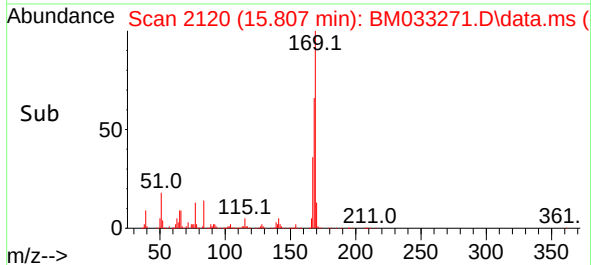
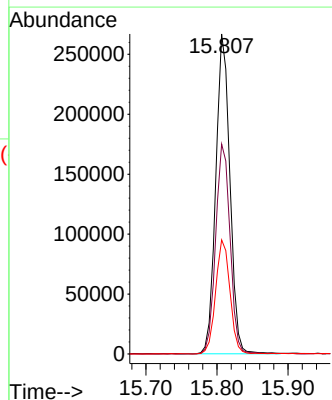
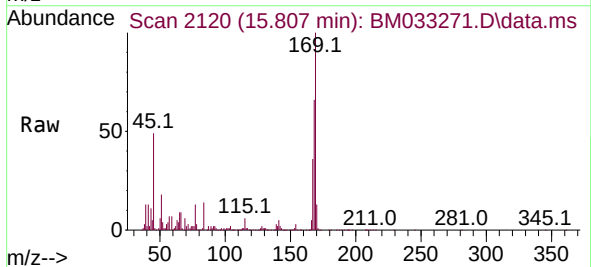
Instrument :
BNA_M
ClientSampleId :
1994

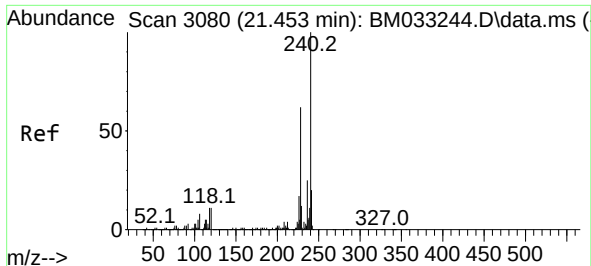
Tgt Ion:188 Resp: 604425
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5
80 11.4 7.3 10.9#



#66
n-Nitrosodiphenylamine
Concen: 20.715 ng
RT: 15.807 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Tgt Ion:169 Resp: 367335
Ion Ratio Lower Upper
169 100
168 65.6 55.0 82.4
167 35.7 29.8 44.8

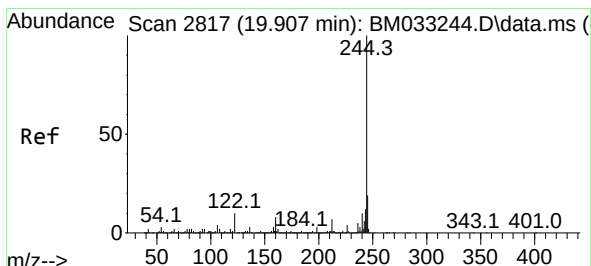
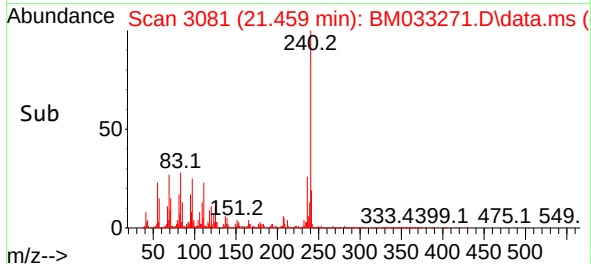
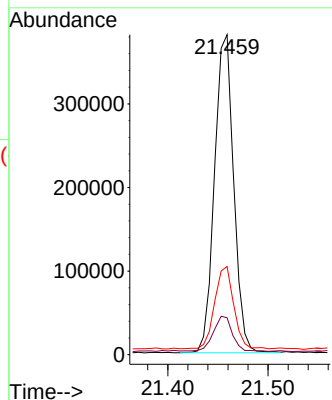
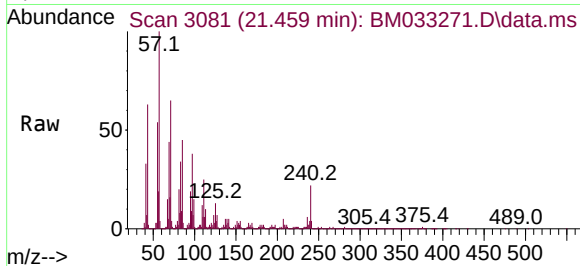




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.459 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

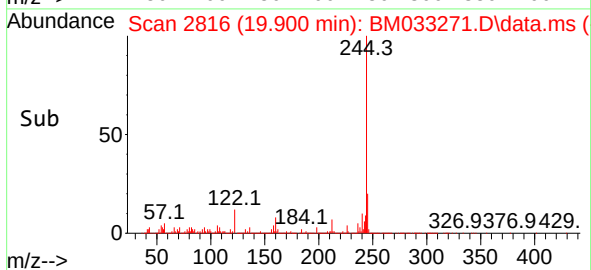
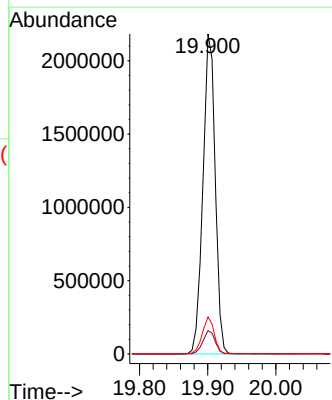
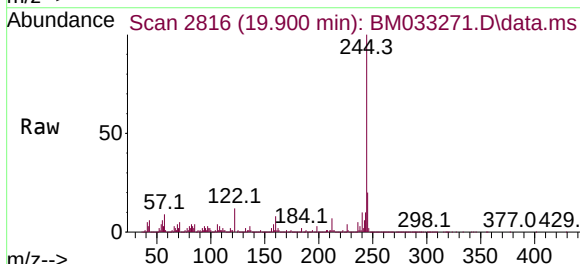
Instrument :
BNA_M
ClientSampleId :
1994

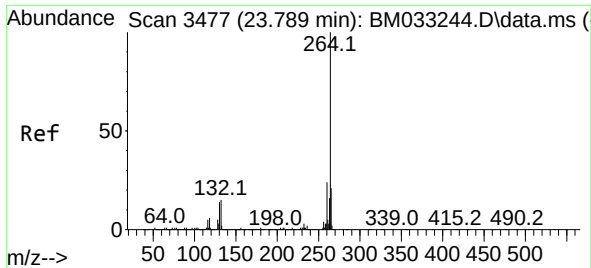
Tgt Ion:240 Resp: 504391
Ion Ratio Lower Upper
240 100
120 11.6 7.8 11.6
236 27.5 20.9 31.3



#79
Terphenyl-d14
Concen: 107.209 ng
RT: 19.900 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033271.D
Acq: 26 Nov 2021 18:53

Tgt Ion:244 Resp: 2734688
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 11.6 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.806 min Scan# 34
 Delta R.T. 0.017 min
 Lab File: BM033271.D
 Acq: 26 Nov 2021 18:53

Instrument :
 BNA_M
 ClientSampleId :
 1994

Tgt Ion:264 Resp: 544231
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 23.4 18.3 27.5

