

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033519.D
 Acq On : 18 Dec 2021 15:13
 Operator : CG/JU
 Sample : M5074-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-1

Quant Time: Dec 20 07:07:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

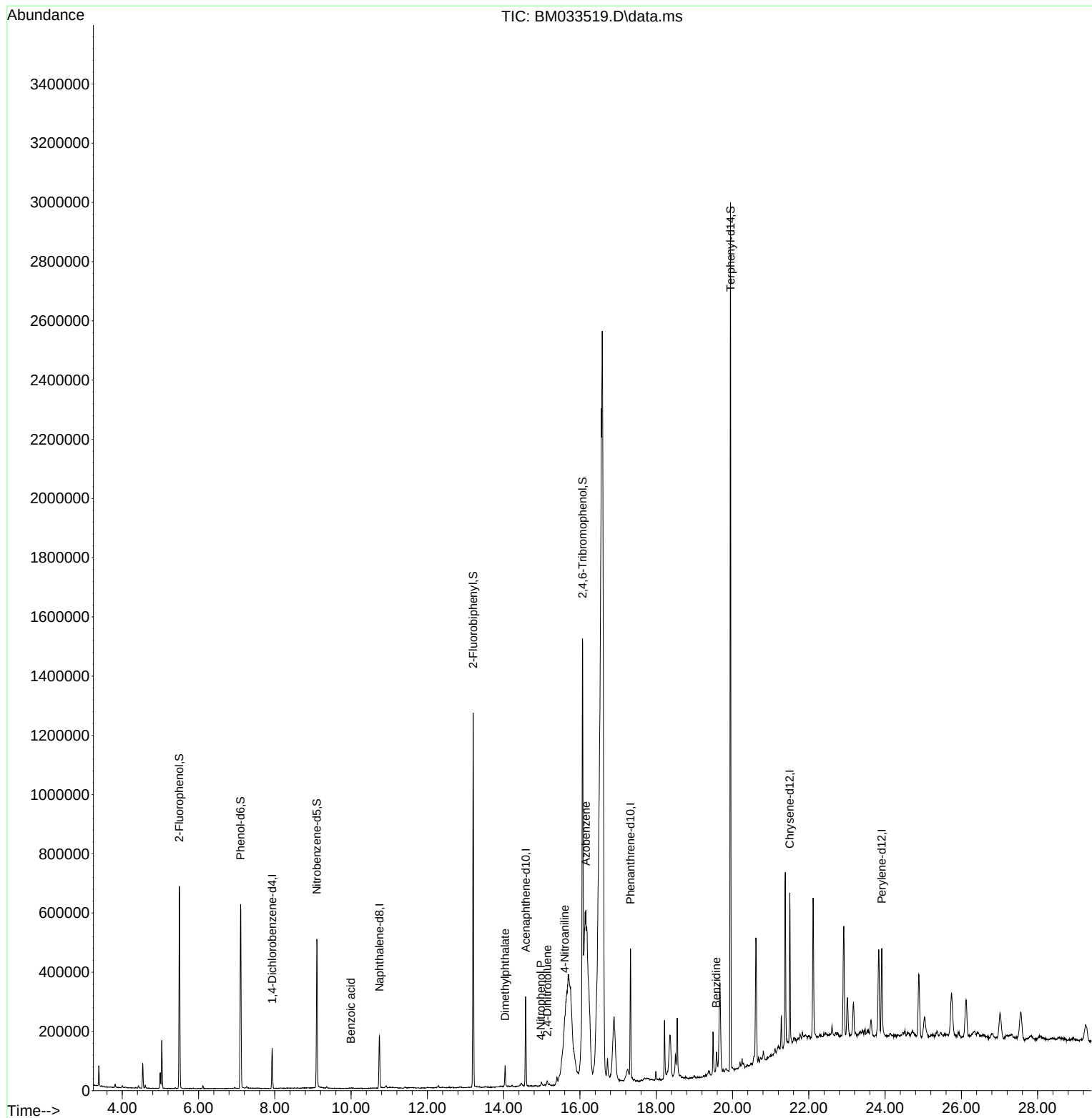
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	30494	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	125825	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	96133	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	235259	20.000	ng	#-0.01
76) Chrysene-d12	21.501	240	233610	20.000	ng	-0.01
86) Perylene-d12	23.912	264	212828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	226044	127.910	ng	0.00
7) Phenol-d6	7.101	99	276333	116.518	ng	-0.01
23) Nitrobenzene-d5	9.101	82	266476	90.935	ng	-0.01
42) 2,4,6-Tribromophenol	16.072	330	164156	151.801	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	547091	78.724	ng	-0.01
79) Terphenyl-d14	19.948	244	1207514	81.376	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	108	Below Cal	#	1
9) Benzaldehyde	7.107	77	887	Below Cal	#	7
32) Benzoic acid	9.995	122	246	3.163	ng	# 73
50) Dimethylphthalate	14.036	163	33621	4.617	ng	100
56) 4-Nitrophenol	14.972	139	455	4.419	ng	# 1
57) 2,4-Dinitrotoluene	15.142	165	3784	2.011	ng	# 41
62) 4-Nitroaniline	15.601	138	67	2.616	ng	# 7
63) Azobenzene	16.154	77	549583	62.563	ng	# 1
77) Benzidine	19.577	184	66392	60.783	ng	96

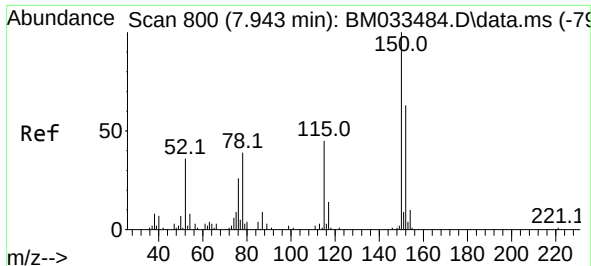
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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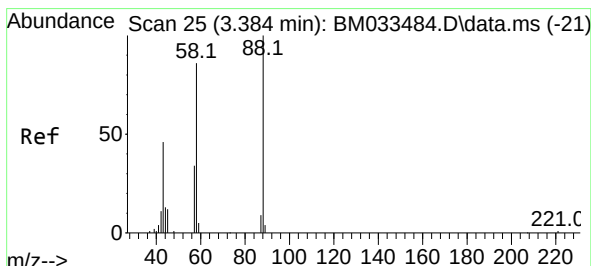
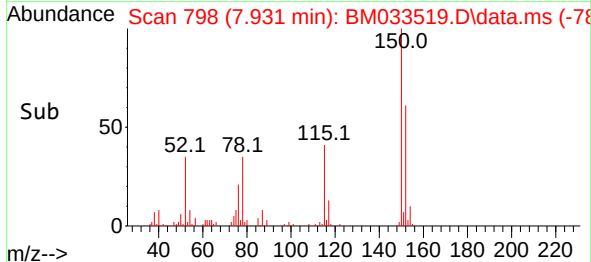
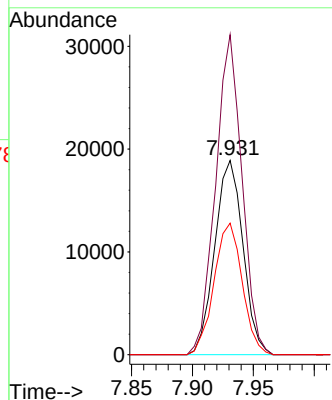
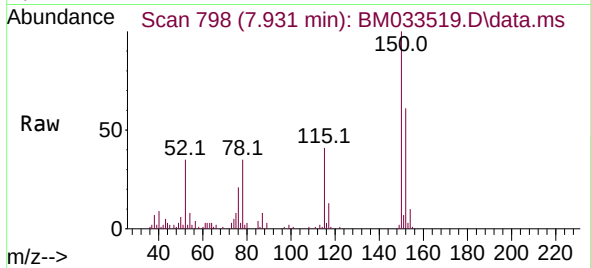




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

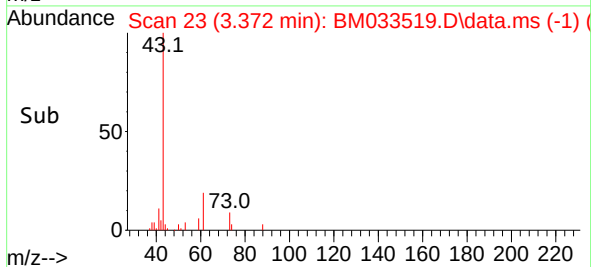
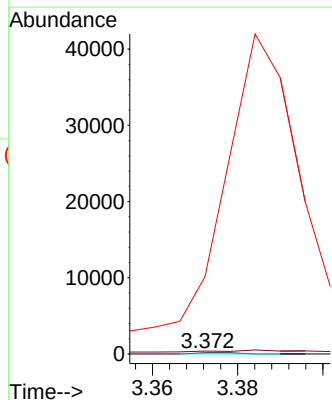
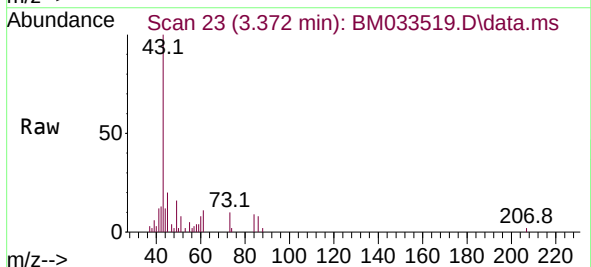
Instrument :
BNA_M
ClientSampleId :
CS-1

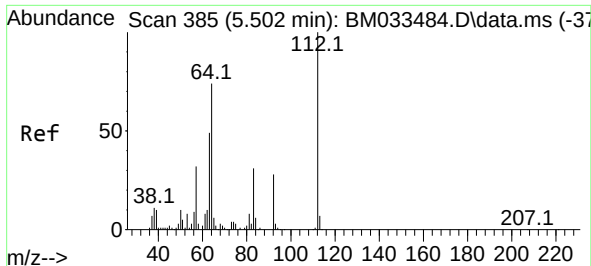
Tgt Ion:152 Resp: 30494
Ion Ratio Lower Upper
152 100
150 164.7 128.9 193.3
115 67.7 53.0 79.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.372 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
58 341.7 67.0 100.4#
43 43463.9 31.6 47.4#

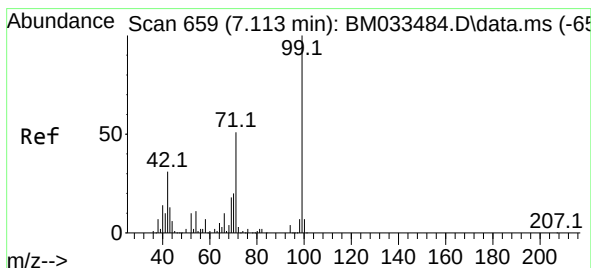
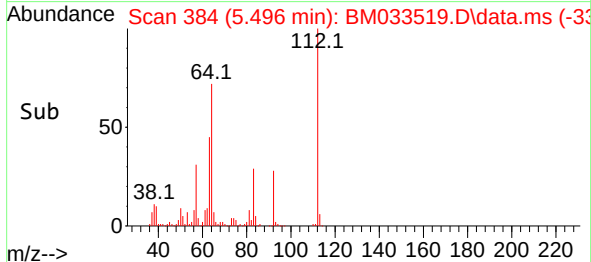
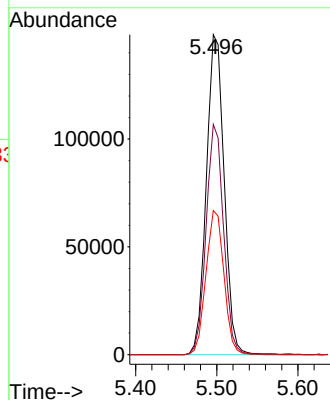
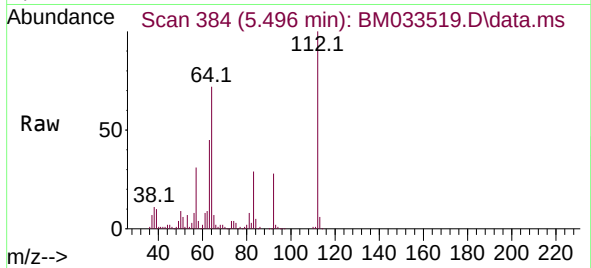




#5
2-Fluorophenol
Concen: 127.910 ng
RT: 5.496 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

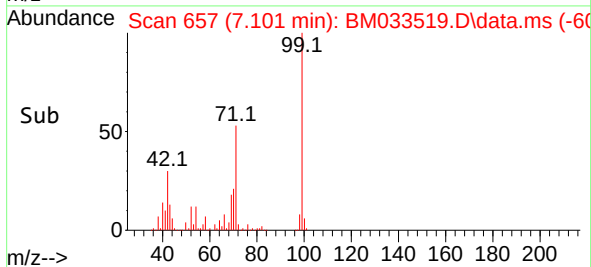
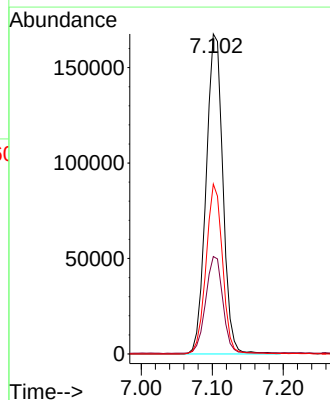
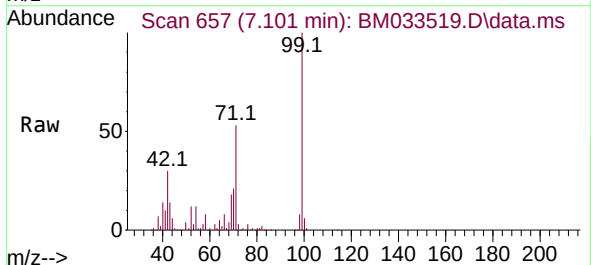
Instrument :
BNA_M
ClientSampleId :
CS-1

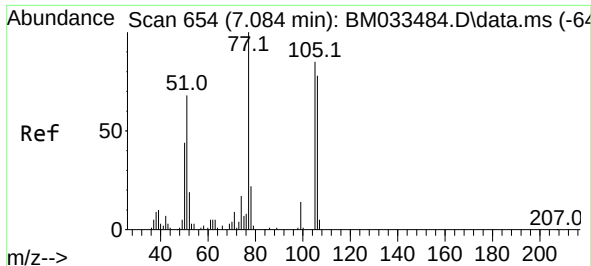
Tgt Ion:112 Resp: 226044
Ion Ratio Lower Upper
112 100
64 72.0 55.5 83.3
63 45.1 31.3 46.9



#7
Phenol-d6
Concen: 116.518 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion: 99 Resp: 276333
Ion Ratio Lower Upper
99 100
42 30.5 20.3 30.5
71 53.1 34.5 51.7#

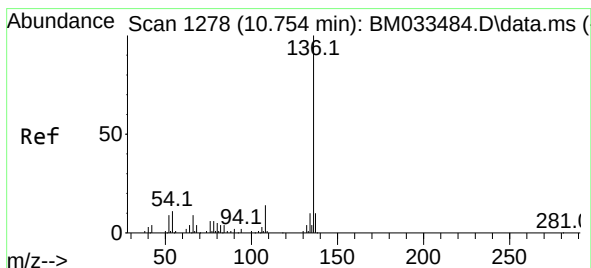
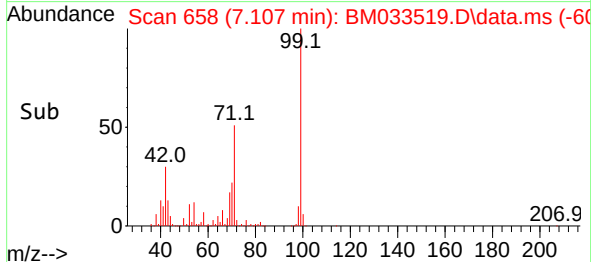
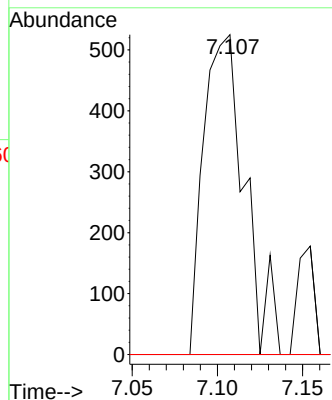
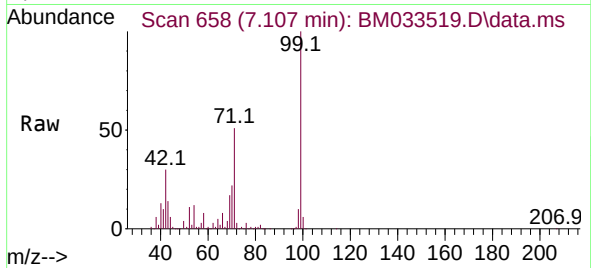




#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 61
Delta R.T. 0.023 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

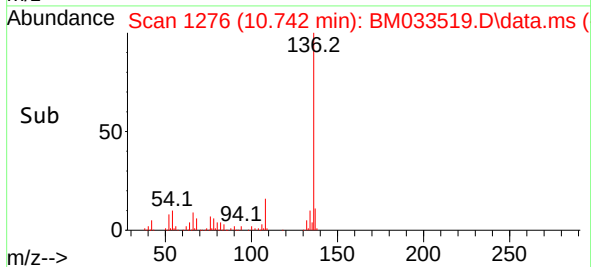
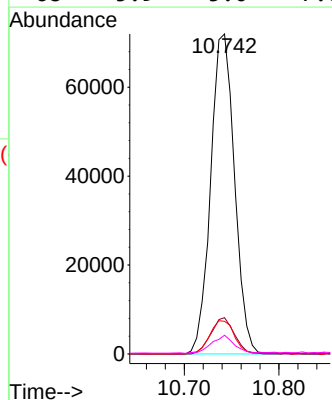
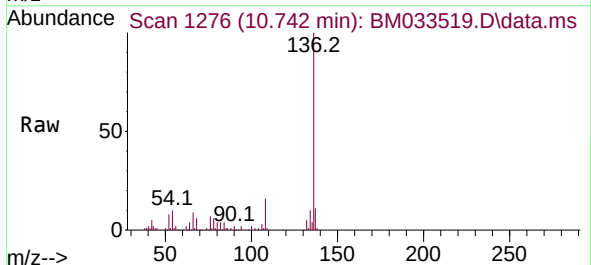
Instrument :
BNA_M
ClientSampleId :
CS-1

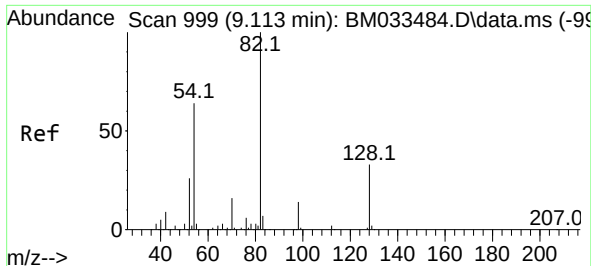
Tgt Ion: 77 Resp: 887
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion: 136 Resp: 125825
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.2 8.3 12.5
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.935 ng

RT: 9.101 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033519.D

Acq: 18 Dec 2021 15:13

Instrument :

BNA_M

ClientSampleId :

CS-1

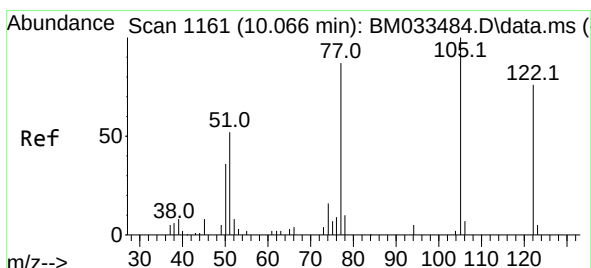
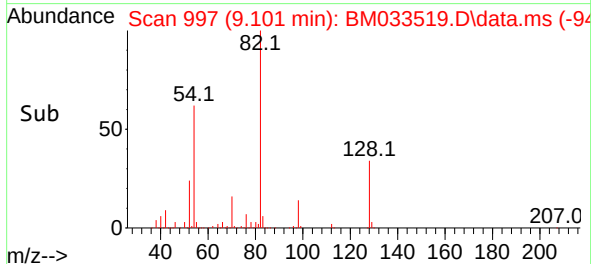
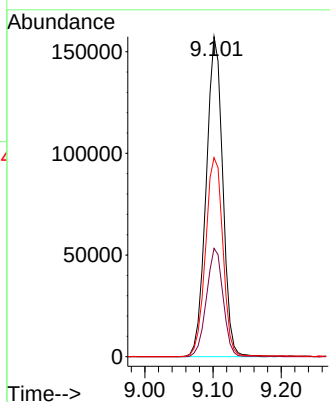
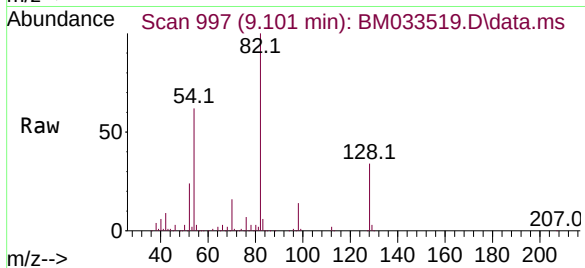
Tgt Ion: 82 Resp: 266476

Ion Ratio Lower Upper

82 100

128 33.8 28.1 42.1

54 62.2 46.1 69.1



#32

Benzoic acid

Concen: 3.163 ng

RT: 9.995 min Scan# 1149

Delta R.T. -0.071 min

Lab File: BM033519.D

Acq: 18 Dec 2021 15:13

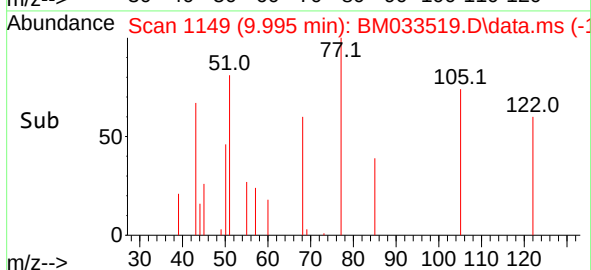
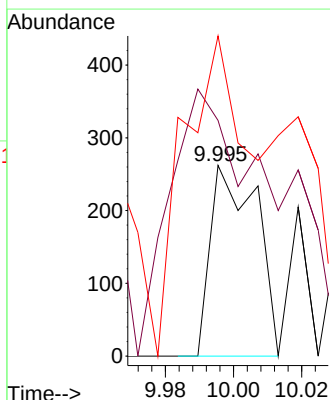
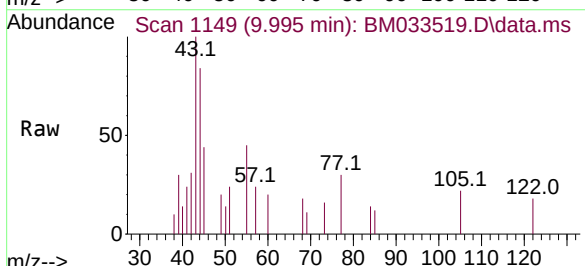
Tgt Ion:122 Resp: 246

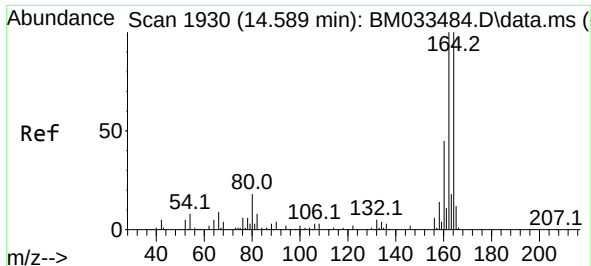
Ion Ratio Lower Upper

122 100

105 123.7 119.6 159.6

77 167.9 101.0 141.0#

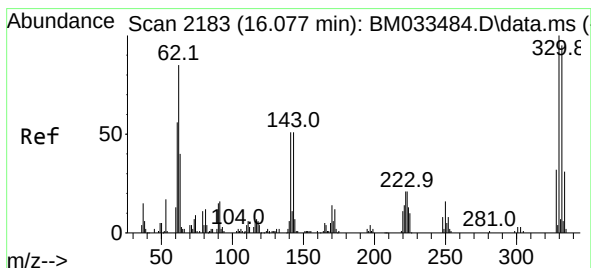
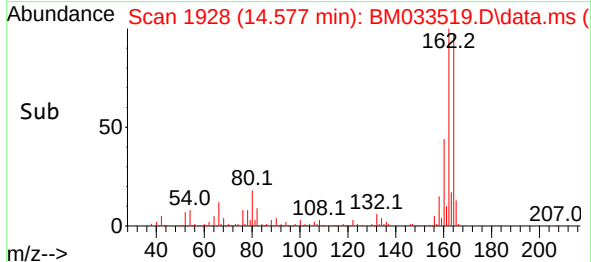
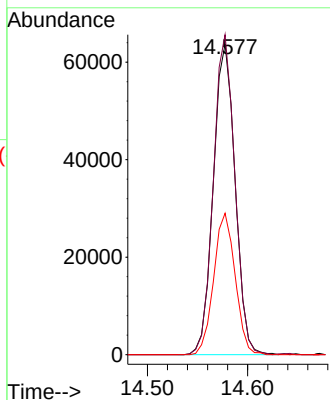
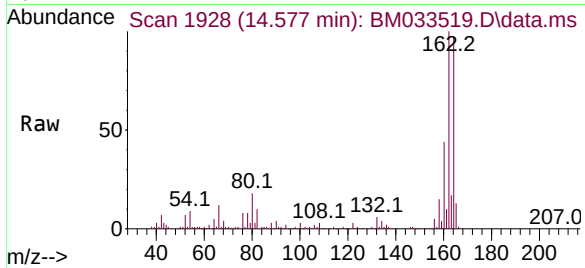




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

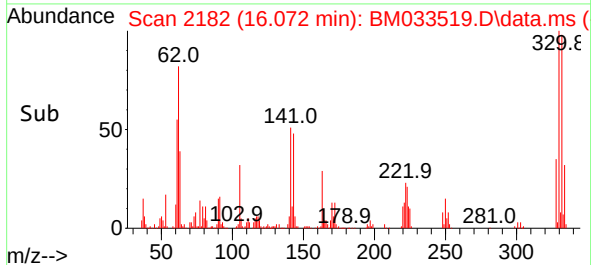
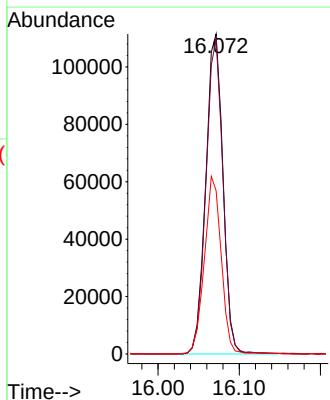
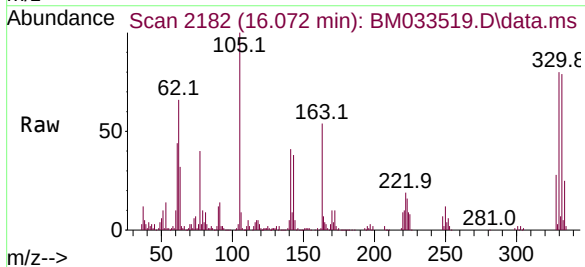
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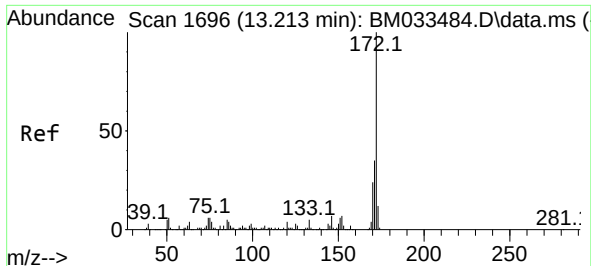
Tgt Ion:164 Resp: 96133
Ion Ratio Lower Upper
164 100
162 103.0 79.7 119.5
160 45.6 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 151.801 ng
RT: 16.072 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:330 Resp: 164156
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 54.0 35.9 53.9#

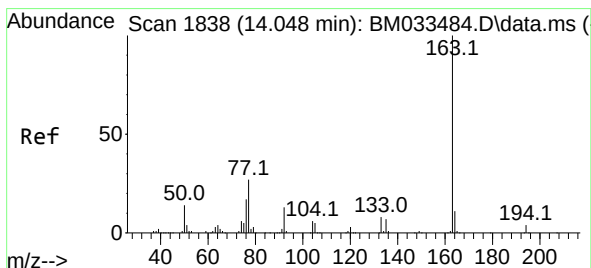
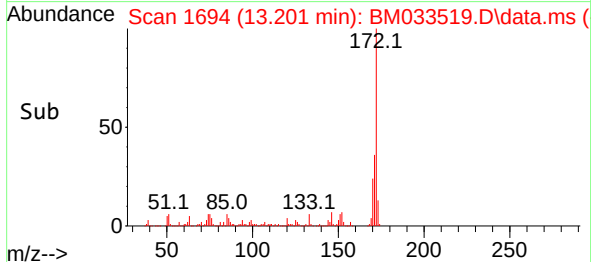
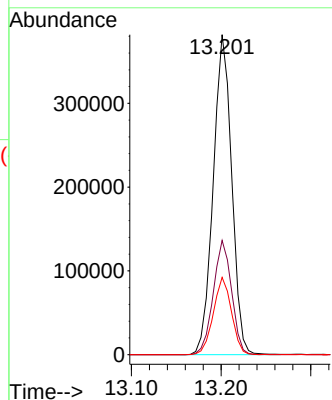
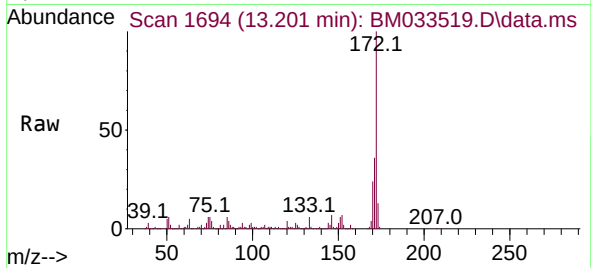




#45
2-Fluorobiphenyl
Concen: 78.724 ng
RT: 13.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

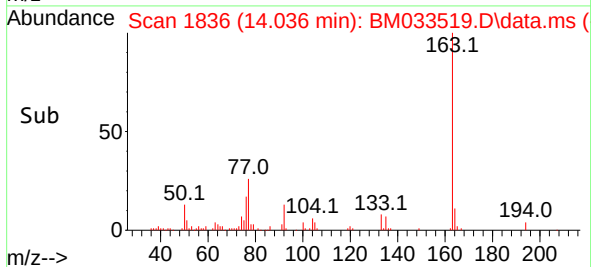
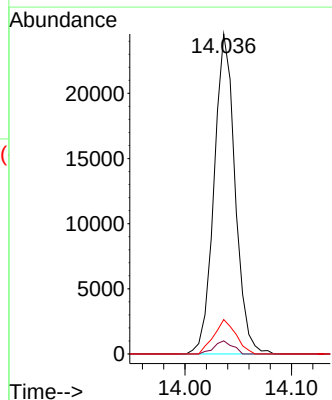
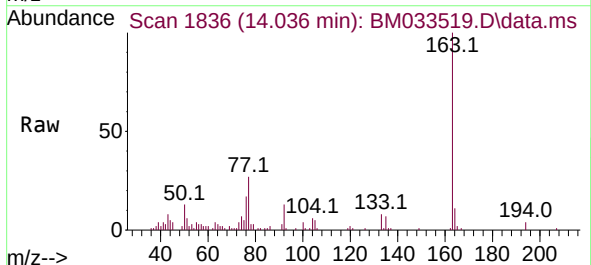
Instrument :
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ClientSampleId :
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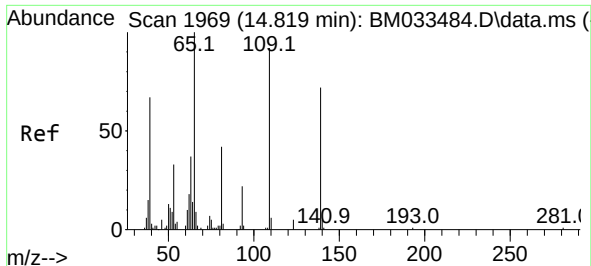
Tgt Ion:172 Resp: 547091
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 24.2 18.7 28.1



#50
Dimethylphthalate
Concen: 4.617 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:163 Resp: 33621
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 8.6 12.8

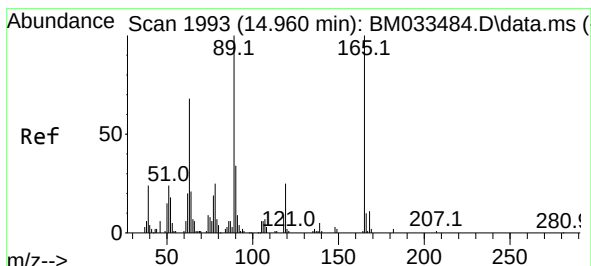
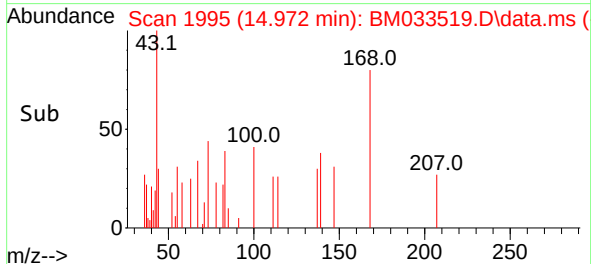
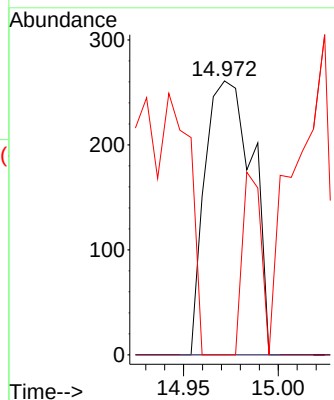
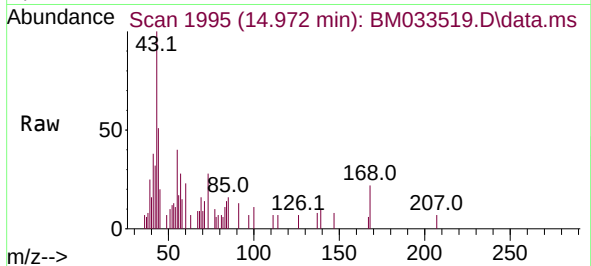




#56
4-Nitrophenol
Concen: 4.419 ng
RT: 14.972 min Scan# 1969
Delta R.T. 0.153 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

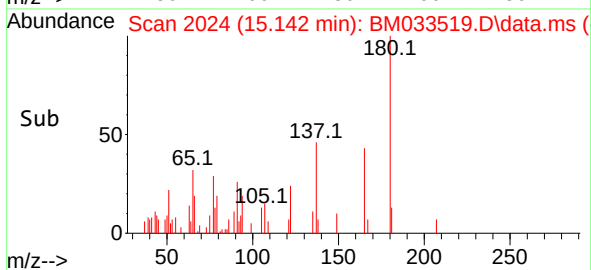
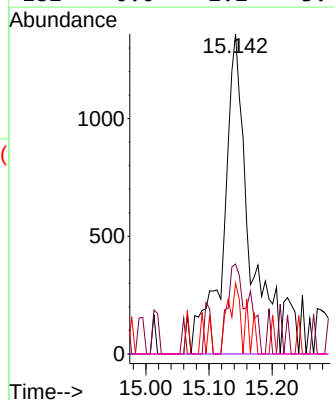
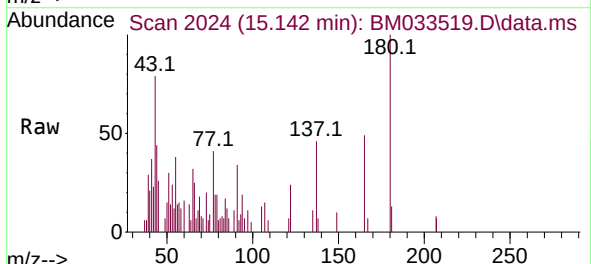
Instrument :
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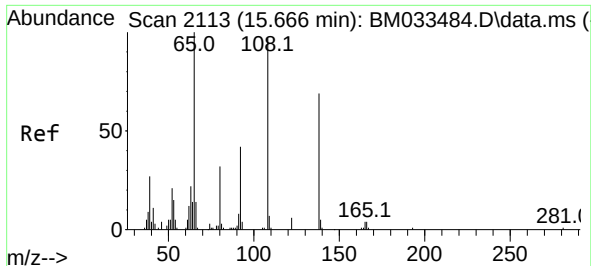
Tgt Ion:139 Resp: 455
Ion Ratio Lower Upper
139 100
109 0.0 75.3 115.3#
65 0.0 107.4 147.4#



#57
2,4-Dinitrotoluene
Concen: 2.011 ng
RT: 15.142 min Scan# 2024
Delta R.T. 0.182 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:165 Resp: 3784
Ion Ratio Lower Upper
165 100
63 28.1 46.2 69.4#
89 22.2 72.0 108.0#
182 0.0 2.2 3.4#

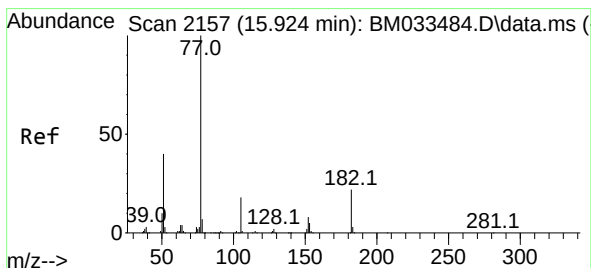
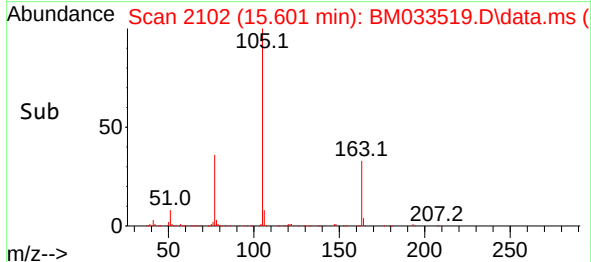
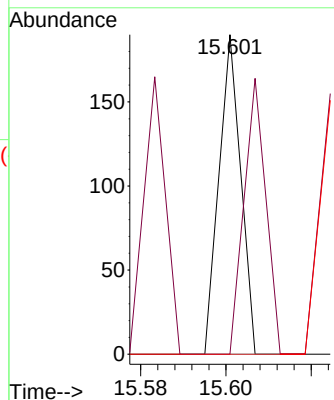
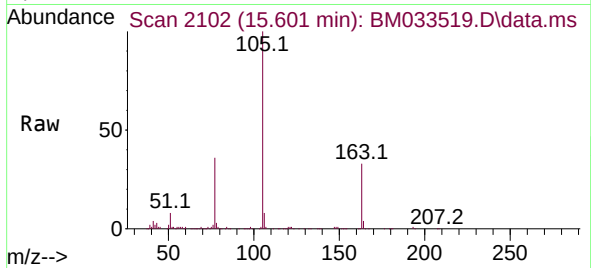




#62
4-Nitroaniline
Concen: 2.616 ng
RT: 15.601 min Scan# 2113
Delta R.T. -0.065 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

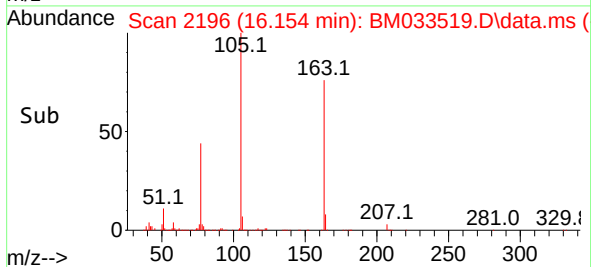
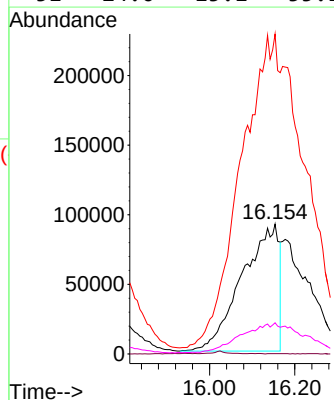
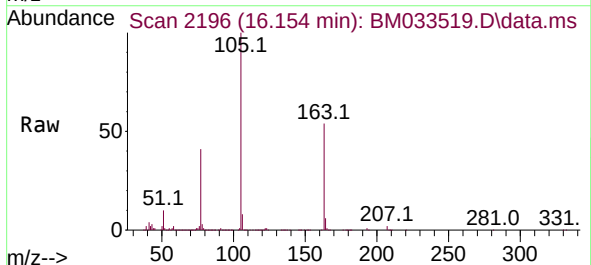
Instrument :
BNA_M
ClientSampleId :
CS-1

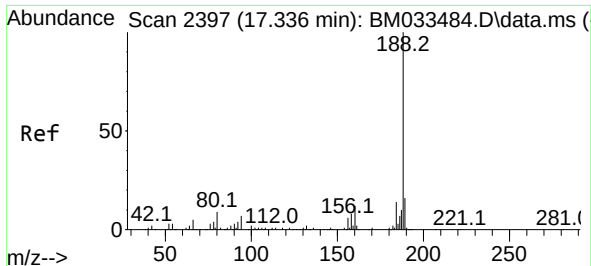
Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 0.0 38.7 78.7#
108 0.0 81.9 121.9#



#63
Azobenzene
Concen: 62.563 ng
RT: 16.154 min Scan# 2196
Delta R.T. 0.230 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion: 77 Resp: 549583
Ion Ratio Lower Upper
77 100
182 0.2 0.3 40.3#
105 246.3 0.0 38.3#
51 24.0 15.1 55.1

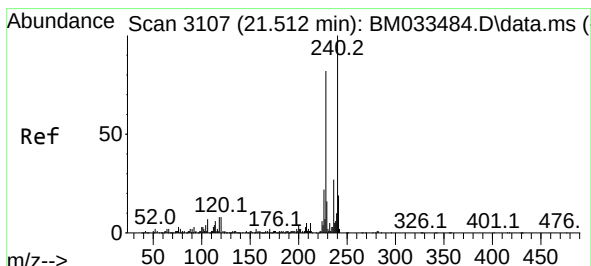
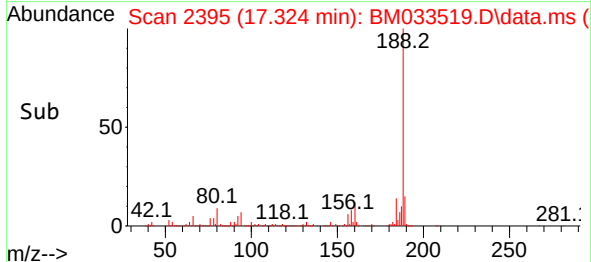
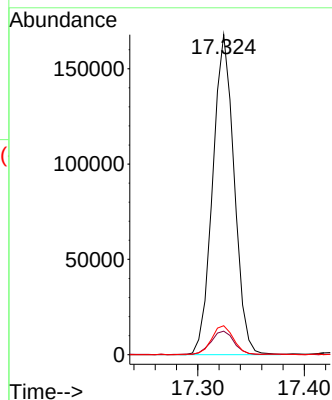
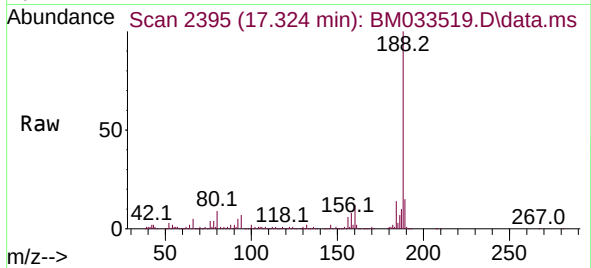




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

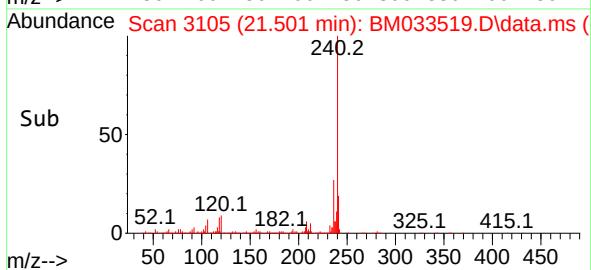
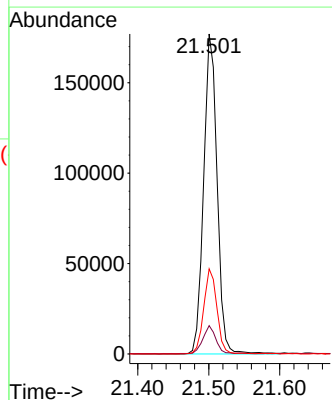
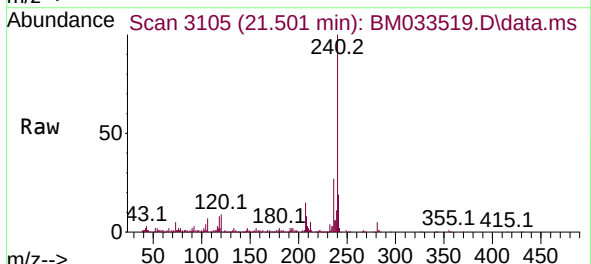
Instrument :
BNA_M
ClientSampleId :
CS-1

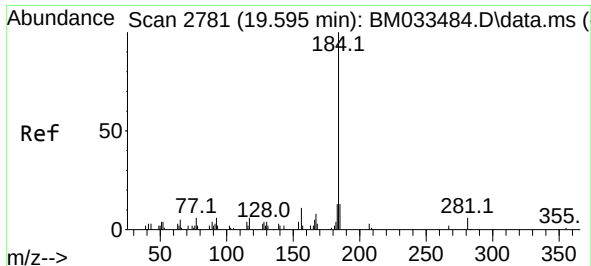
Tgt Ion:188 Resp: 235259
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:240 Resp: 233610
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.6 20.3 30.5

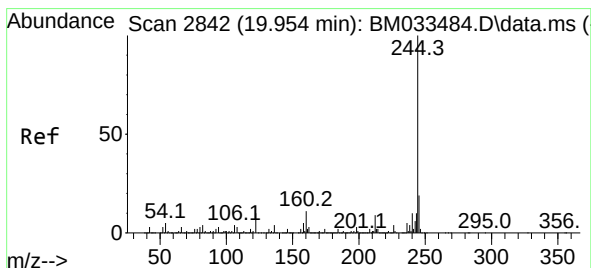
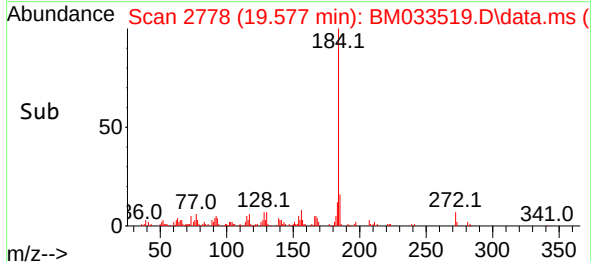
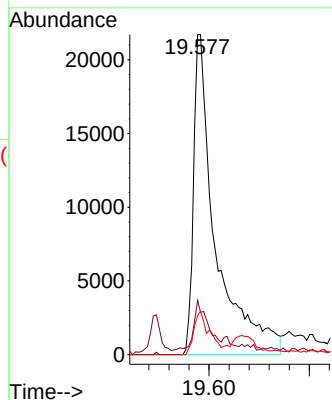
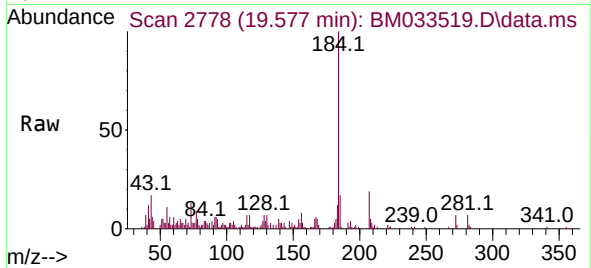




#77
Benzidine
Concen: 60.783 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

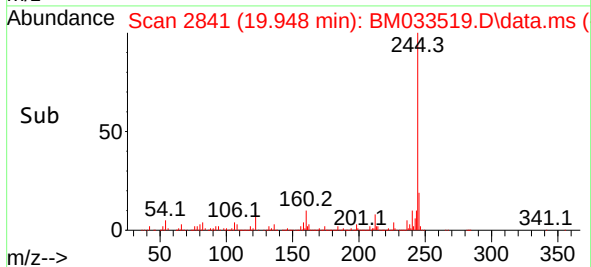
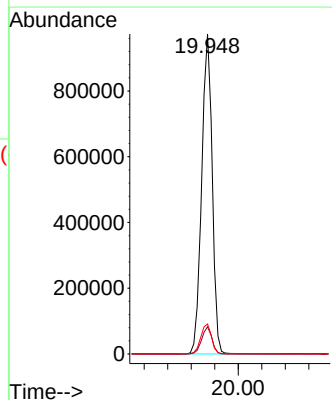
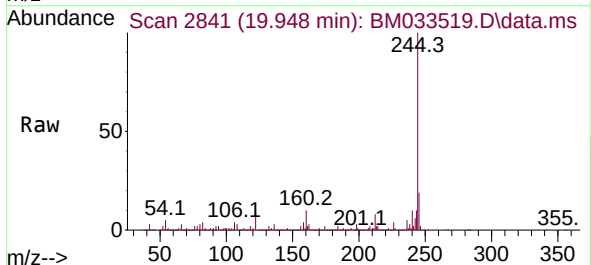
Instrument :
BNA_M
ClientSampleId :
CS-1

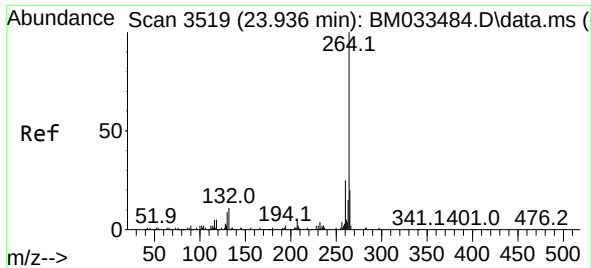
Tgt Ion:184 Resp: 66392
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.0
183 12.2 9.7 14.5



#79
Terphenyl-d14
Concen: 81.376 ng
RT: 19.948 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:244 Resp: 1207514
Ion Ratio Lower Upper
244 100
212 8.5 5.9 8.9
122 9.3 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Instrument :
BNA_M
ClientSampleId :
CS-1

Tgt Ion:264 Resp: 212828

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.7	26.5
265	21.6	17.7	26.5

