

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033288.D
 Acq On : 03 Dec 2021 16:13
 Operator : CG/JU
 Sample : M4798-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-4-4.5

Quant Time: Dec 03 16:55:35 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)

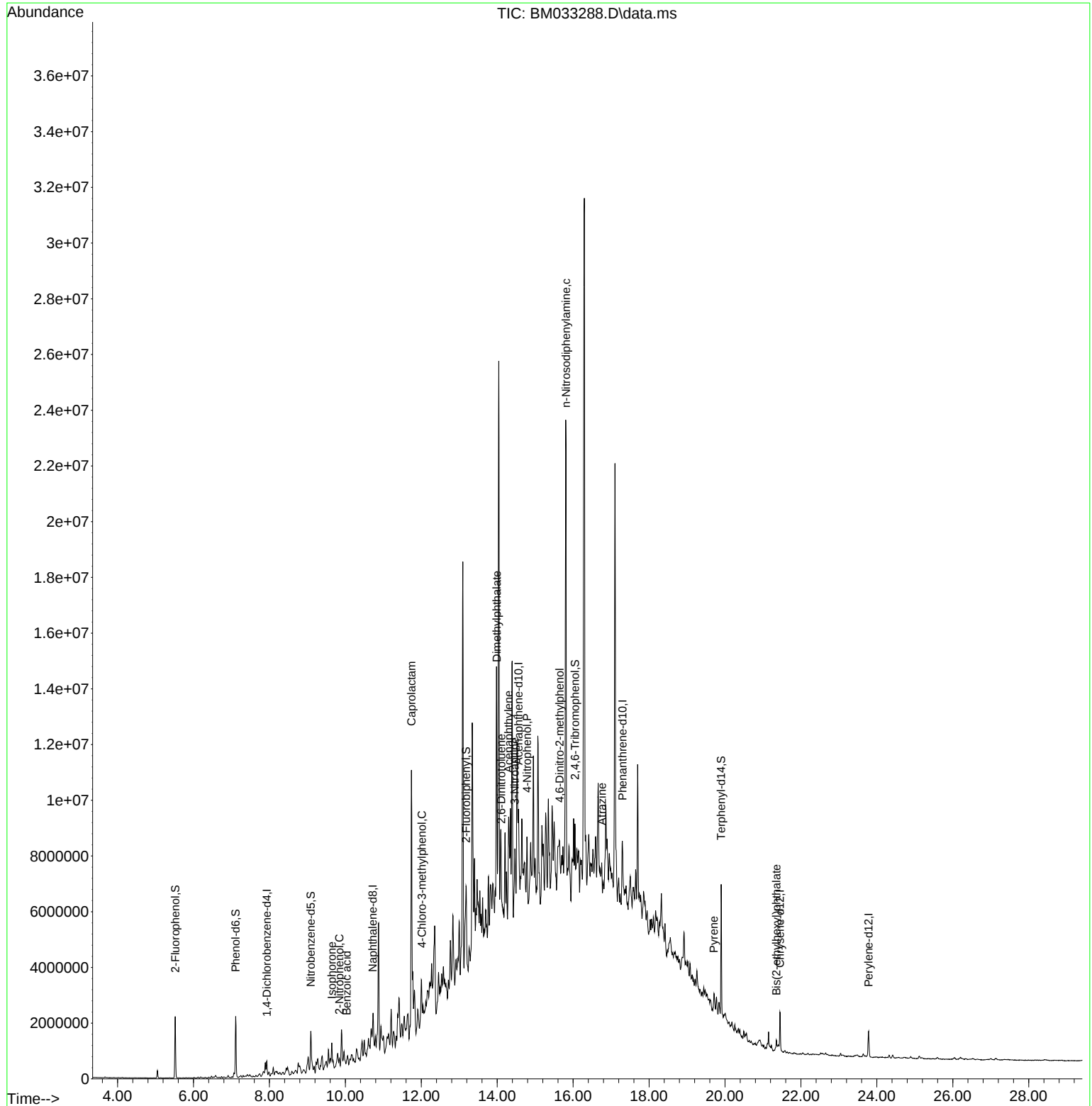
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	141539	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	551534	20.000	ng	#-0.01
39) Acenaphthene-d10	14.560	164	344146	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	649932	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	629184	20.000	ng	# 0.00
86) Perylene-d12	23.783	264	643813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	848176	98.959	ng	0.01
7) Phenol-d6	7.113	99	1139395	99.260	ng	0.02
23) Nitrobenzene-d5	9.089	82	796013	67.001	ng	-0.01
42) 2,4,6-Tribromophenol	16.048	330	297404	79.276	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	1460788	59.863	ng	0.00
79) Terphenyl-d14	19.901	244	2002630	62.938	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.072	77	2010	Below Cal	#	44
25) Isophorone	9.642	82	89093	4.795	ng	# 1
26) 2-Nitrophenol	9.842	139	8655	2.027	ng	# 1
32) Benzoic acid	10.037	122	2196	5.631	ng	# 1
35) Caprolactam	11.742	113	346227	219.019	ng	# 58
36) 4-Chloro-3-methylphenol	12.013	107	24767	2.638	ng	# 25
49) Acenaphthylene	14.301	152	78833	2.553	ng	# 1
50) Dimethylphthalate	13.989	163	51749	2.116	ng	# 1
51) 2,6-Dinitrotoluene	14.107	165	45632	9.319	ng	# 30
53) 3-Nitroaniline	14.466	138	73662	14.117	ng	# 16
56) 4-Nitrophenol	14.783	139	24307	5.812	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.648	198	11857	3.522	ng	# 1
66) n-Nitrosodiphenylamine	15.813	169	456720	23.953	ng	# 48
69) Atrazine	16.760	200	9198	2.309	ng	# 1
78) Pyrene	19.706	202	199432	4.815	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.353	149	77249	3.541	ng	# 92

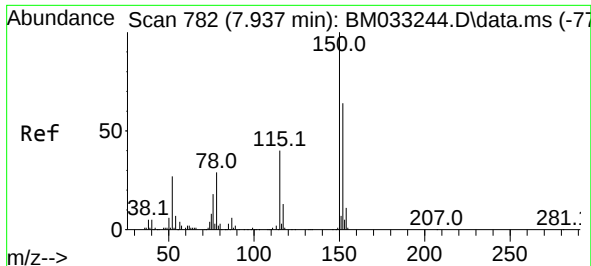
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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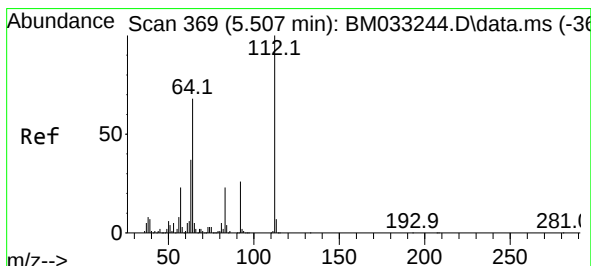
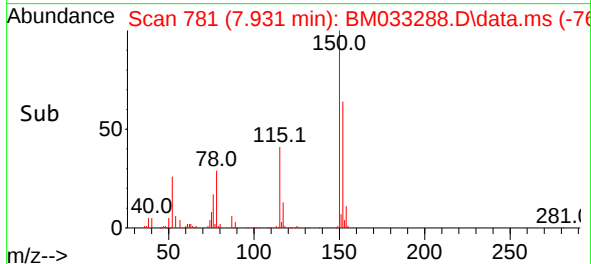
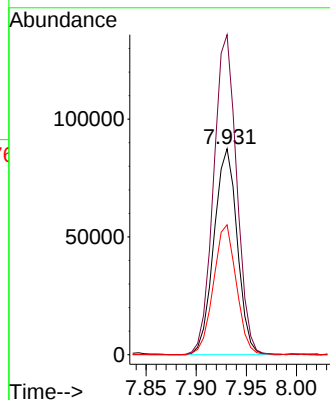
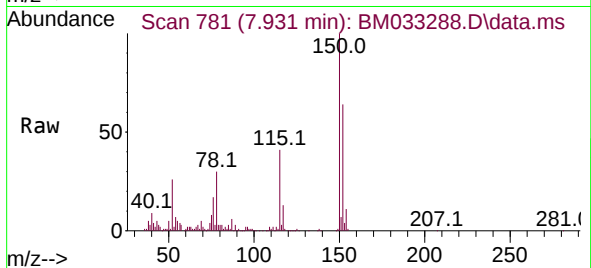




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

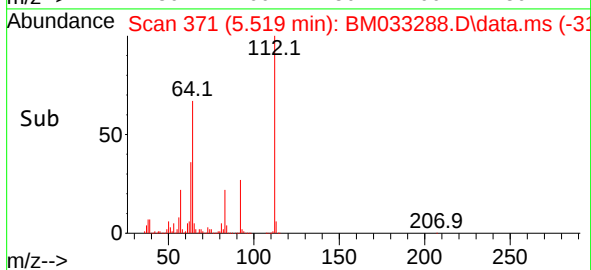
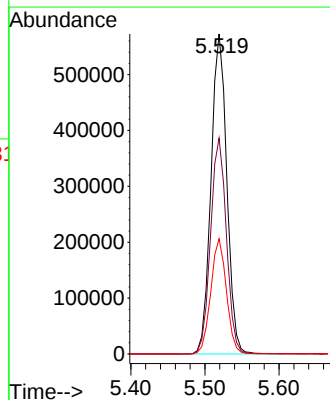
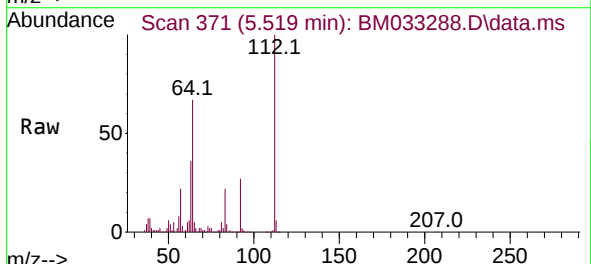
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

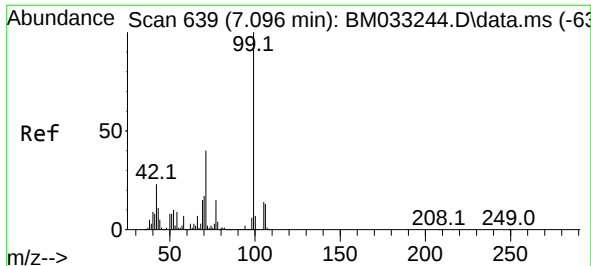
Tgt Ion:152 Resp: 141539
Ion Ratio Lower Upper
152 100
150 155.4 122.4 183.6
115 63.1 53.8 80.8



#5
2-Fluorophenol
Concen: 98.959 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:112 Resp: 848176
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 36.0 33.9 50.9

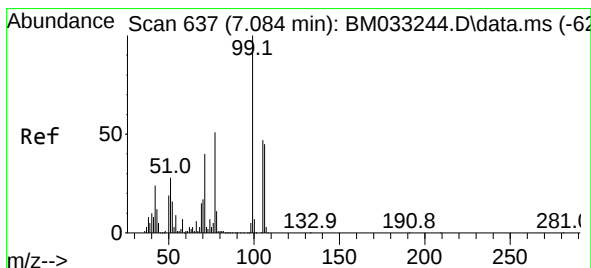
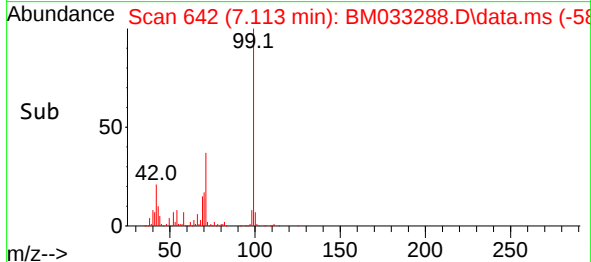
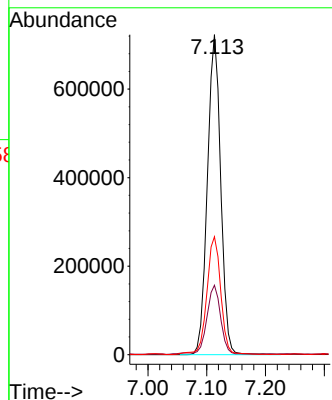
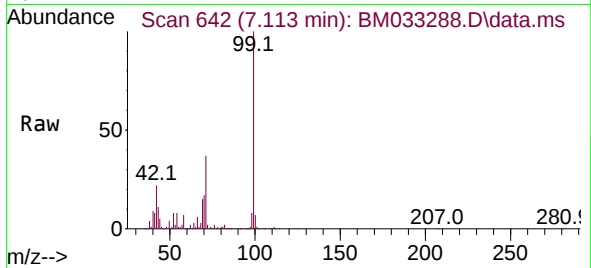




#7
Phenol-d6
Concen: 99.260 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.018 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

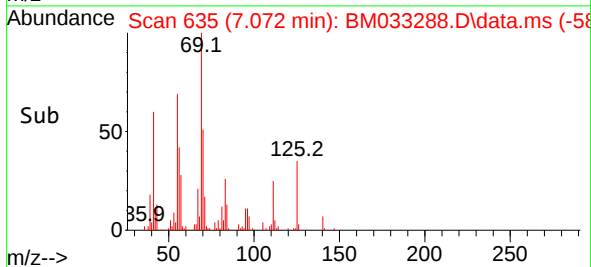
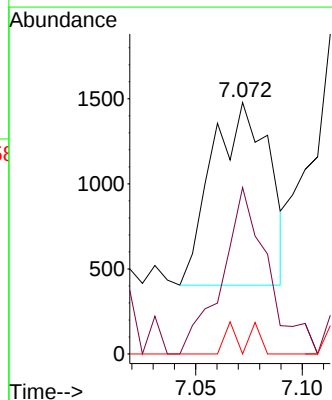
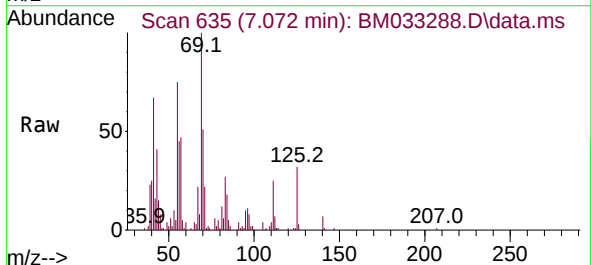
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

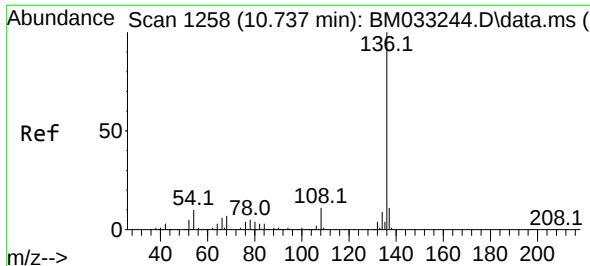
Tgt Ion: 99 Resp: 1139395
Ion Ratio Lower Upper
99 100
42 21.7 23.0 34.6#
71 36.9 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 635
Delta R.T. -0.012 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion: 77 Resp: 2010
Ion Ratio Lower Upper
77 100
105 66.1 68.9 108.9#
106 0.0 61.2 101.2#

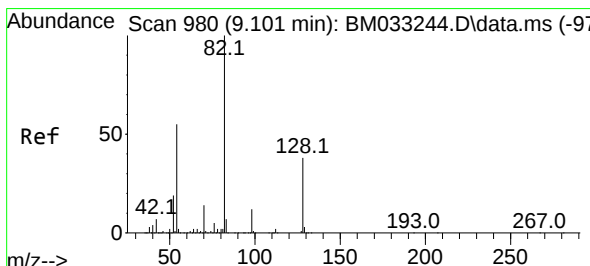
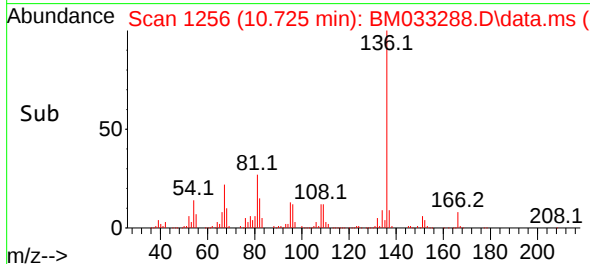
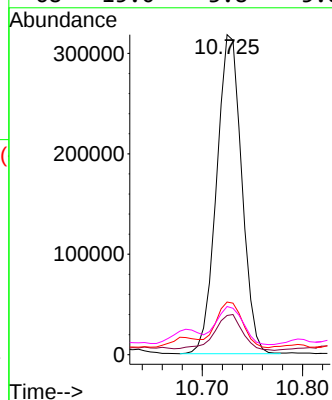
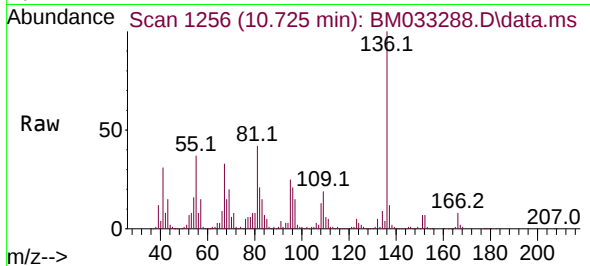




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

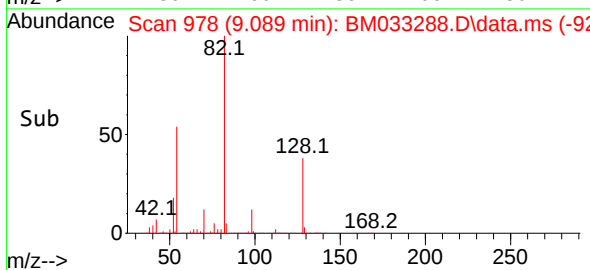
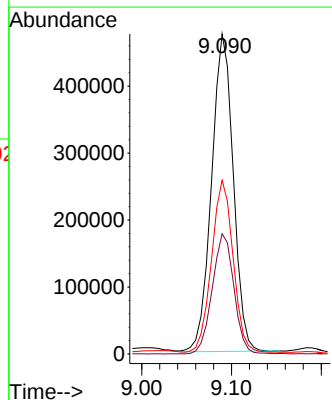
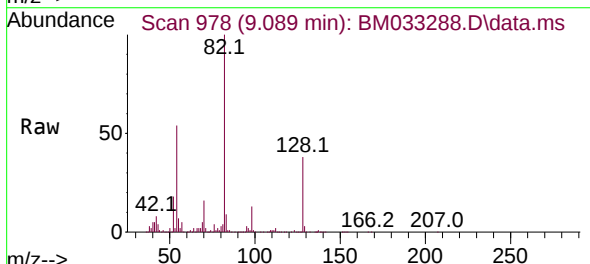
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

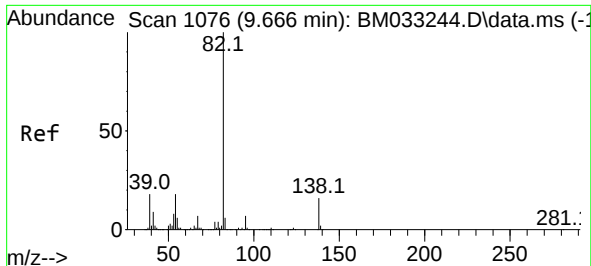
Tgt Ion:	136	Resp:	551534
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	16.4	7.4	11.0#
68	15.0	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 67.001 ng
RT: 9.089 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:	82	Resp:	796013
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.0	43.6
54	54.3	45.8	68.8

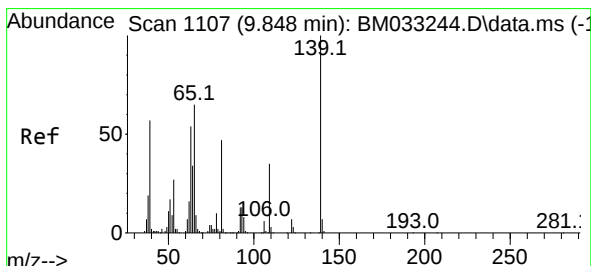
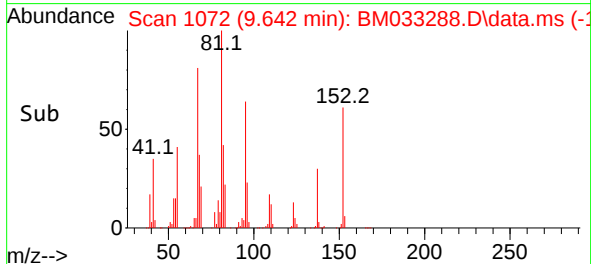
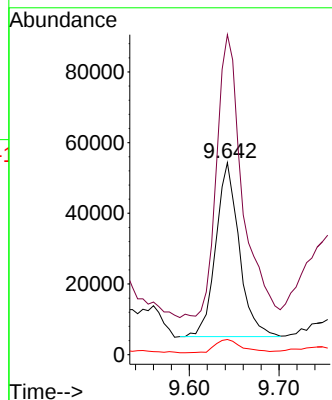
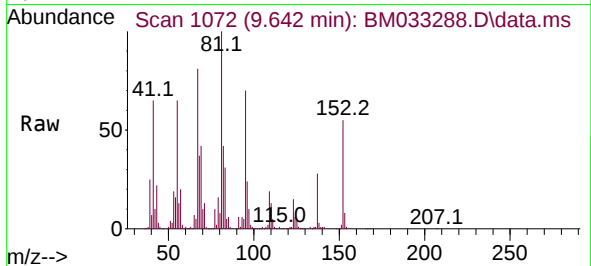




#25
Isophorone
Concen: 4.795 ng
RT: 9.642 min Scan# 1106
Delta R.T. -0.024 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

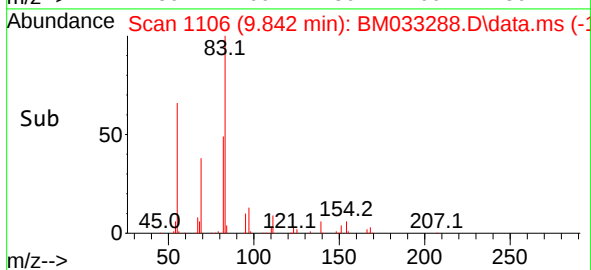
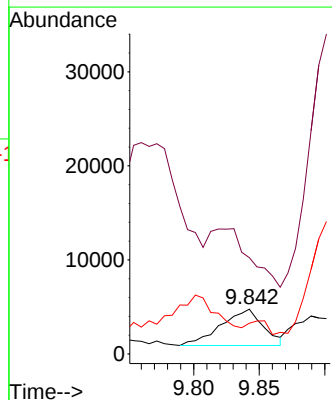
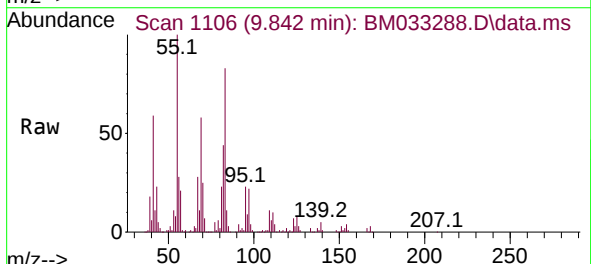
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

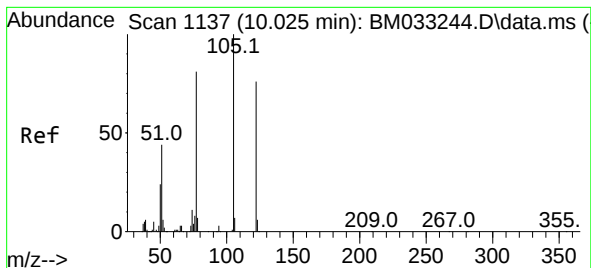
Tgt Ion: 82 Resp: 89093
Ion Ratio Lower Upper
82 100
95 166.7 6.4 9.6#
138 7.9 12.4 18.6#



#26
2-Nitrophenol
Concen: 2.027 ng
RT: 9.842 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion: 139 Resp: 8655
Ion Ratio Lower Upper
139 100
109 215.3 34.8 52.2#
65 68.8 59.9 89.9





#32

Benzoic acid

Concen: 5.631 ng

RT: 10.037 min Scan# 1137

Delta R.T. 0.011 min

Lab File: BM033288.D

Acq: 03 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

SB-4-4.5

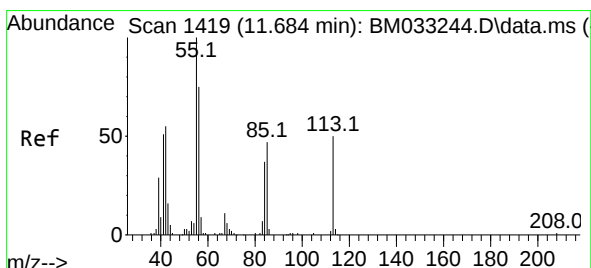
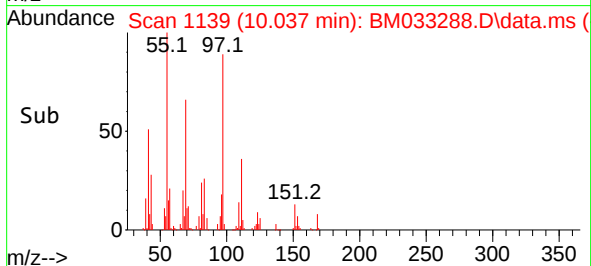
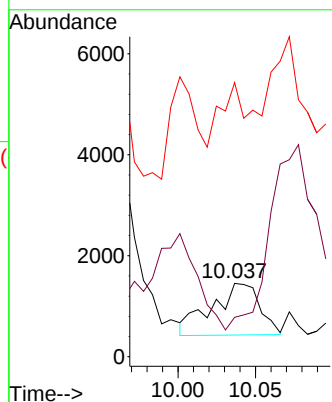
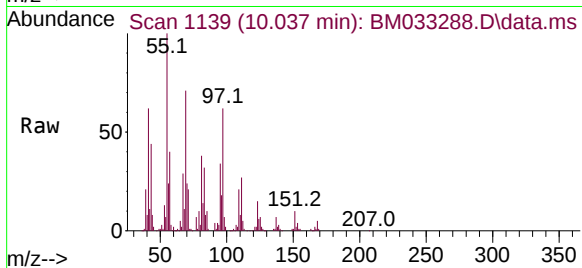
Tgt Ion:122 Resp: 2196

Ion Ratio Lower Upper

122 100

105 53.8 120.3 160.3#

77 373.7 100.0 140.0#



#35

Caprolactam

Concen: 219.019 ng

RT: 11.742 min Scan# 1429

Delta R.T. 0.059 min

Lab File: BM033288.D

Acq: 03 Dec 2021 16:13

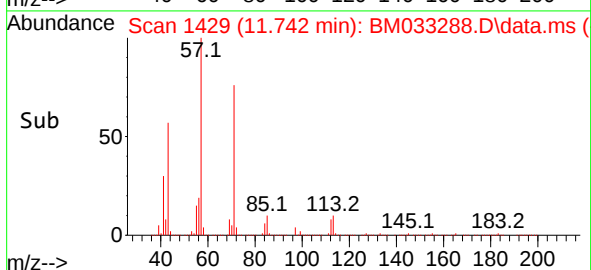
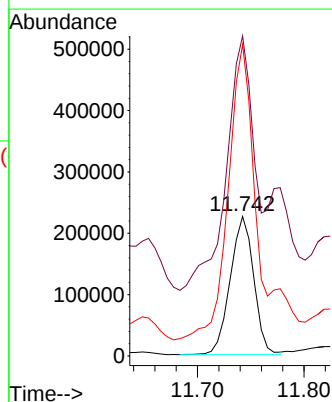
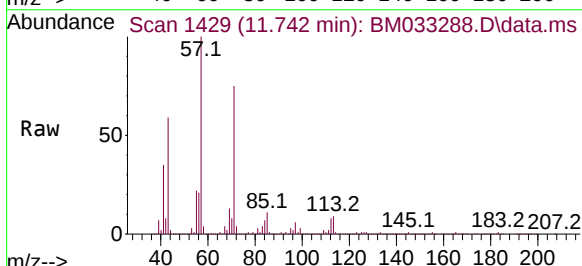
Tgt Ion:113 Resp: 346227

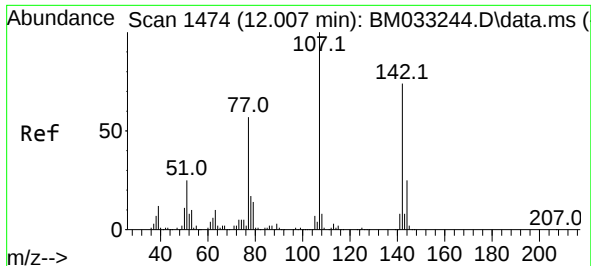
Ion Ratio Lower Upper

113 100

55 229.2 170.5 210.5#

56 223.1 125.2 165.2#

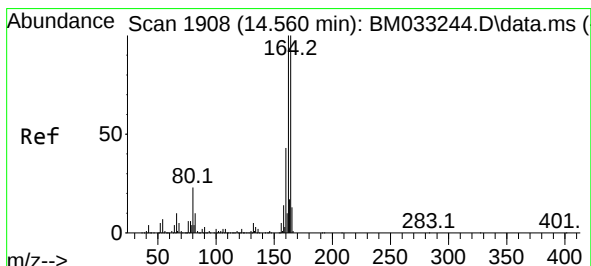
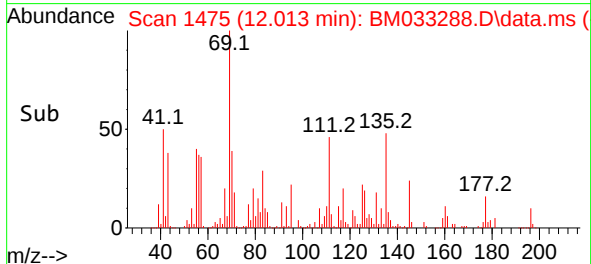
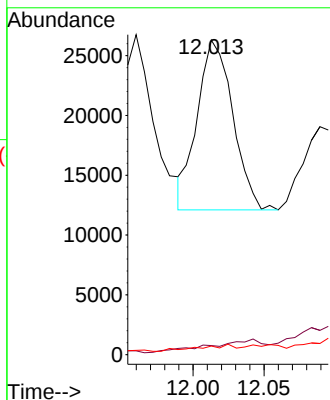
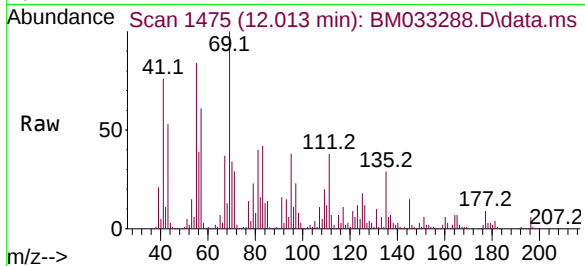




#36
4-Chloro-3-methylphenol
Concen: 2.638 ng
RT: 12.013 min Scan# 1474
Delta R.T. 0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

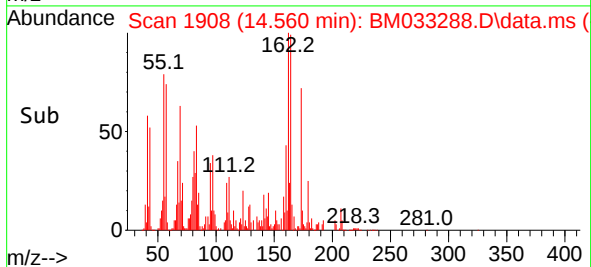
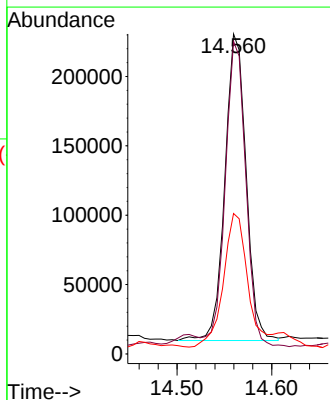
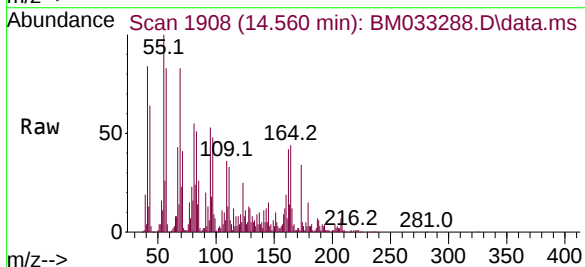
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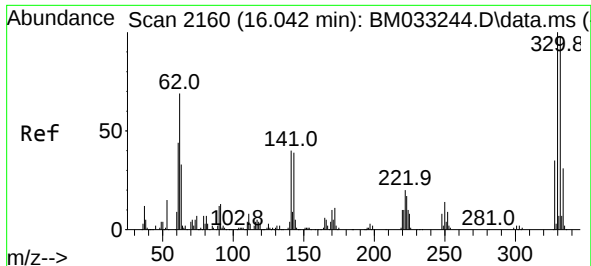
Tgt Ion:107 Resp: 24767
Ion Ratio Lower Upper
107 100
144 2.9 19.3 28.9#
142 2.7 60.5 90.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:164 Resp: 344146
Ion Ratio Lower Upper
164 100
162 97.6 80.6 121.0
160 43.9 35.1 52.7

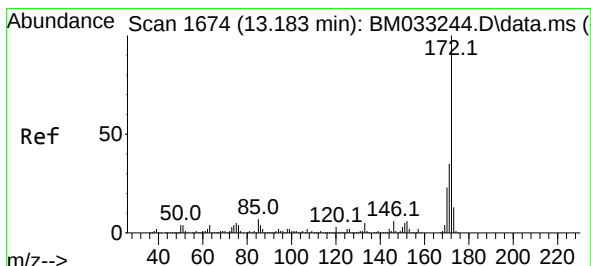
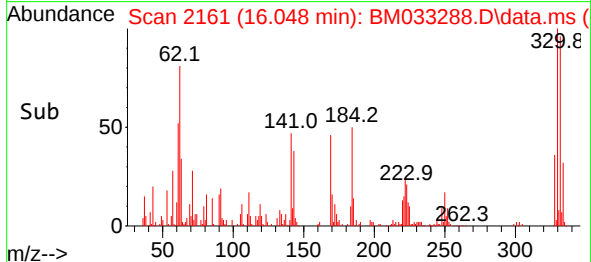
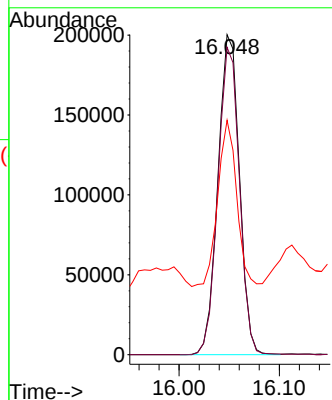
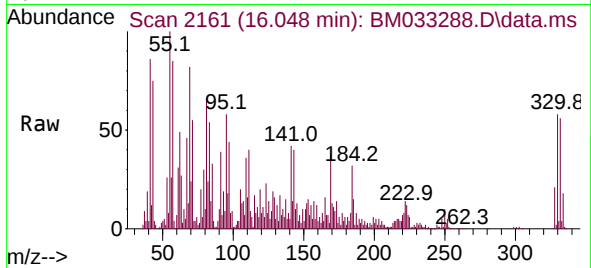




#42
2,4,6-Tribromophenol
Concen: 79.276 ng
RT: 16.048 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

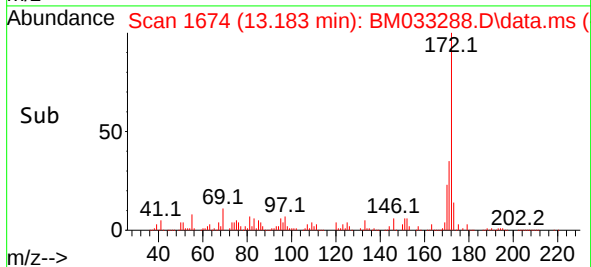
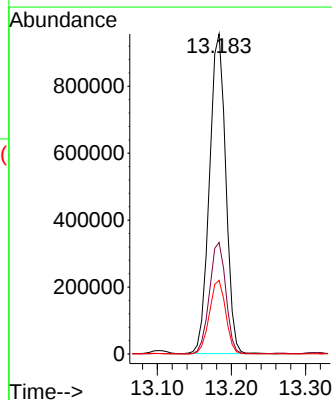
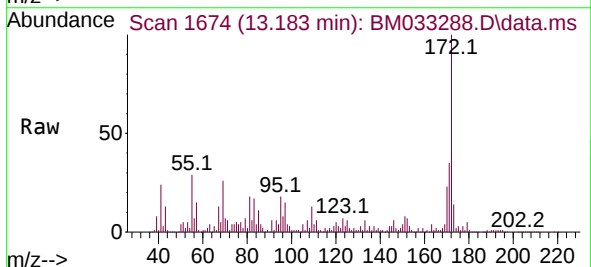
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

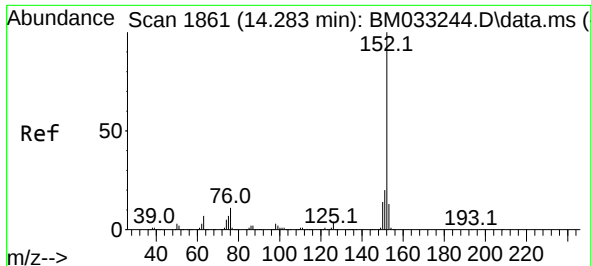
Tgt Ion:330 Resp: 297404
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 45.6 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 59.863 ng
RT: 13.183 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:172 Resp: 1460788
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.0 18.6 27.8

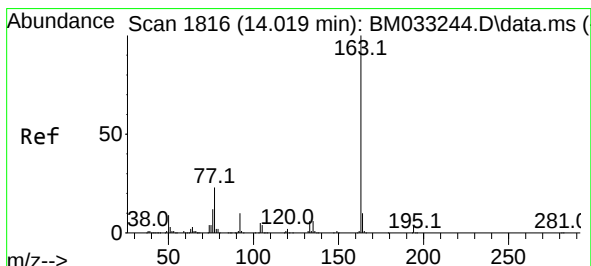
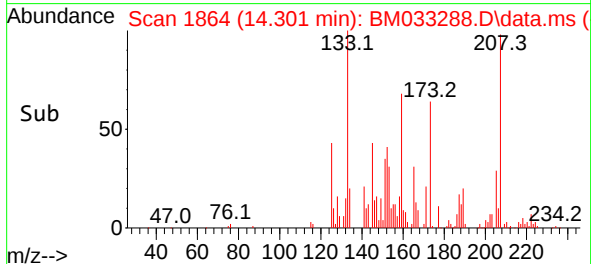
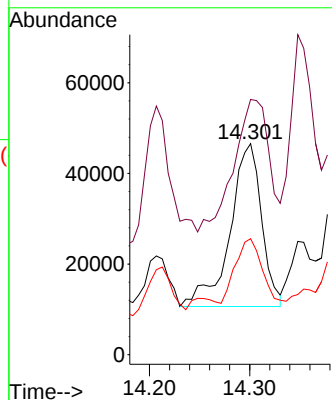
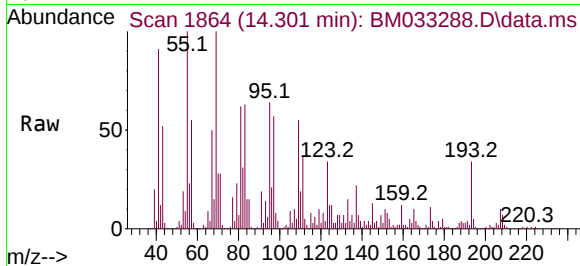




#49
Acenaphthylene
Concen: 2.553 ng
RT: 14.301 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

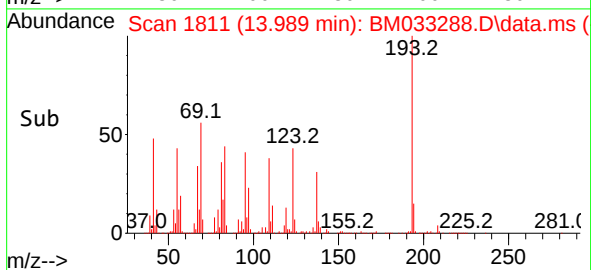
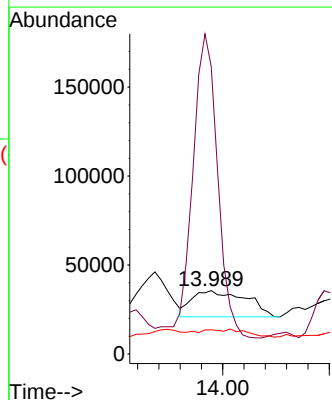
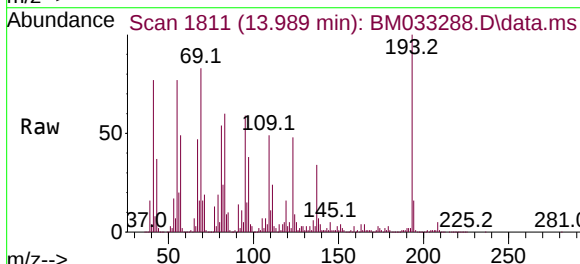
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

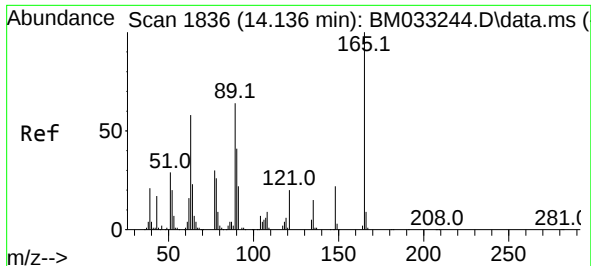
Tgt Ion:152 Resp: 78833
Ion Ratio Lower Upper
152 100
151 121.0 15.7 23.5#
153 55.0 10.6 15.8#



#50
Dimethylphthalate
Concen: 2.116 ng
RT: 13.989 min Scan# 1811
Delta R.T. -0.030 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:163 Resp: 51749
Ion Ratio Lower Upper
163 100
194 453.0 2.9 4.3#
164 38.2 8.0 12.0#

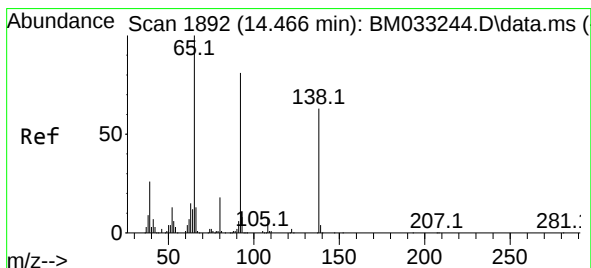
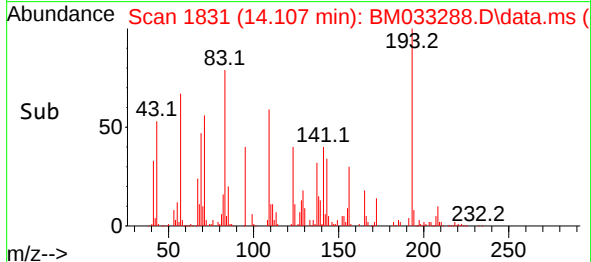
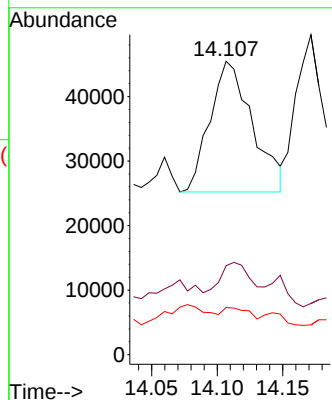
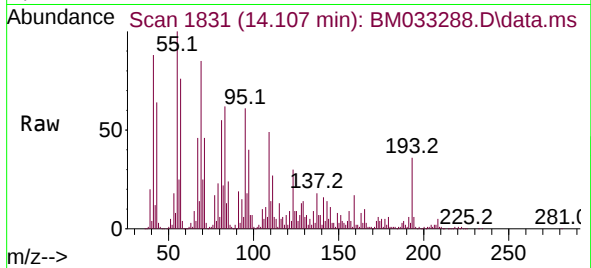




#51
2,6-Dinitrotoluene
Concen: 9.319 ng
RT: 14.107 min Scan# 1831
Delta R.T. -0.030 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

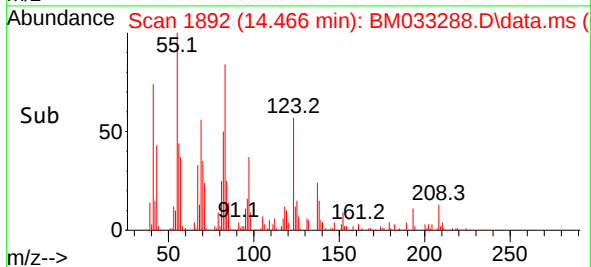
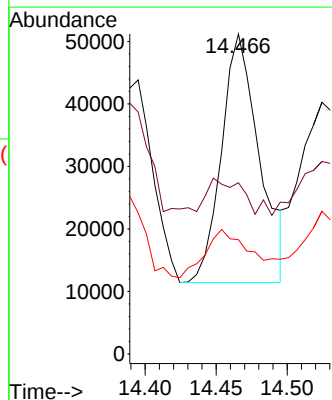
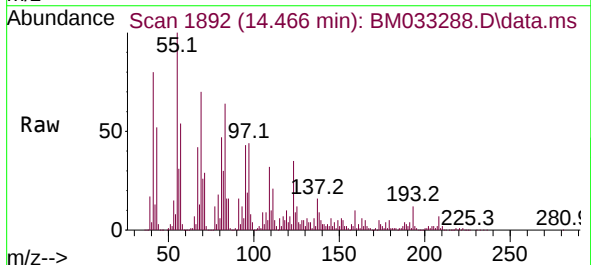
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

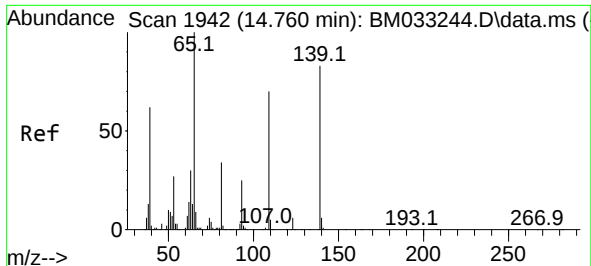
Tgt Ion:165 Resp: 45632
Ion Ratio Lower Upper
165 100
63 30.3 72.4 108.6#
89 16.1 69.3 103.9#



#53
3-Nitroaniline
Concen: 14.117 ng
RT: 14.466 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:138 Resp: 73662
Ion Ratio Lower Upper
138 100
108 53.5 8.3 12.5#
92 35.7 105.2 157.8#

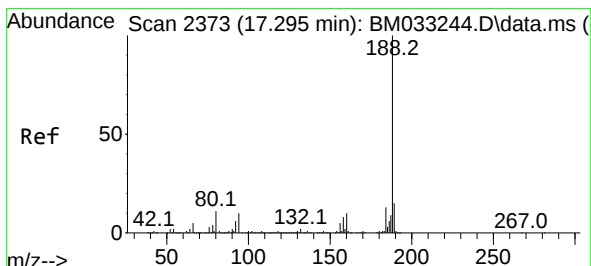
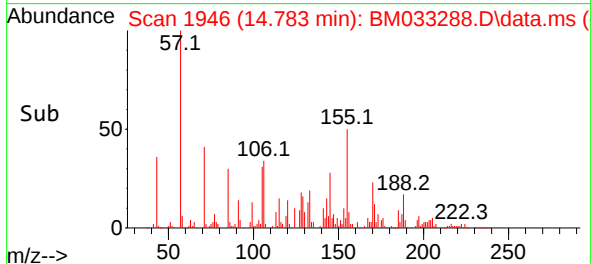
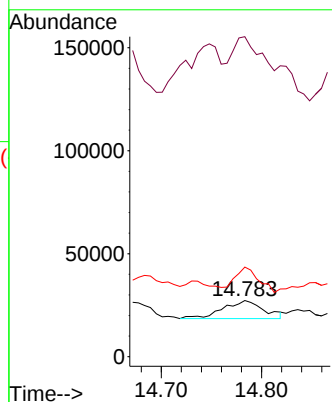
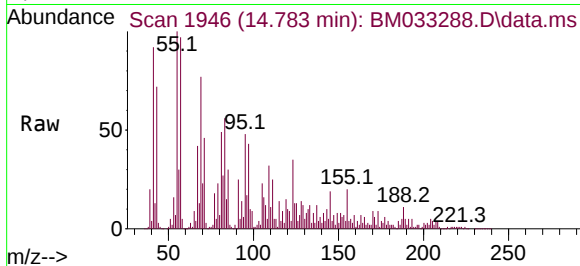




#56
4-Nitrophenol
Concen: 5.812 ng
RT: 14.783 min Scan# 1946
Delta R.T. 0.023 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

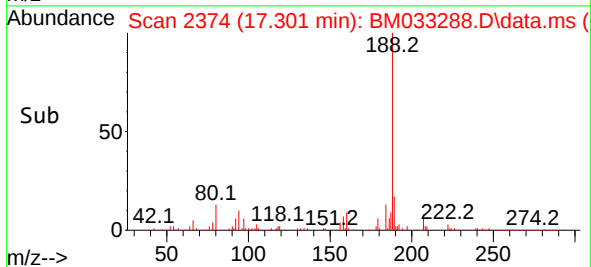
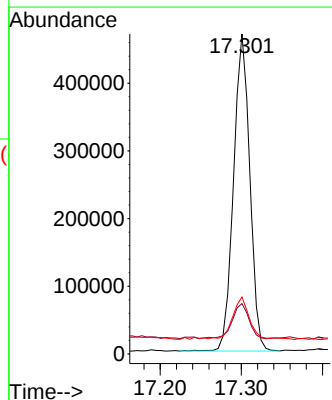
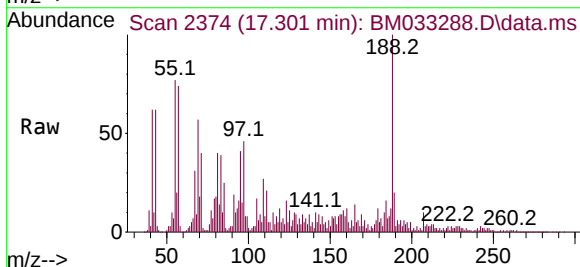
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

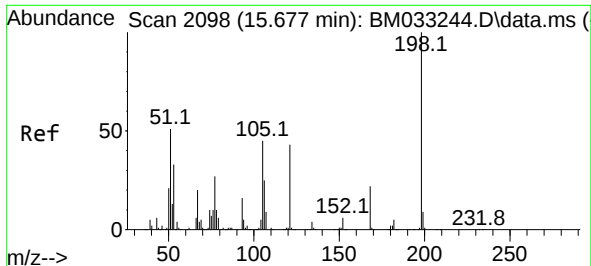
Tgt Ion:139 Resp: 24307
Ion Ratio Lower Upper
139 100
109 569.6 92.3 132.3#
65 159.5 110.5 150.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:188 Resp: 649932
Ion Ratio Lower Upper
188 100
94 15.7 6.3 9.5#
80 17.8 7.3 10.9#

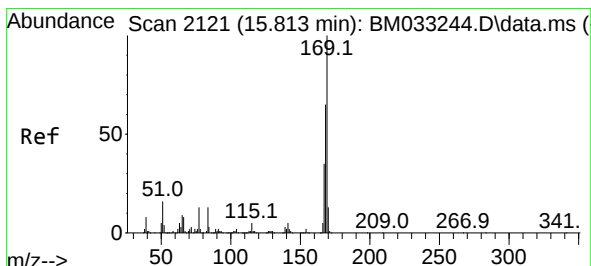
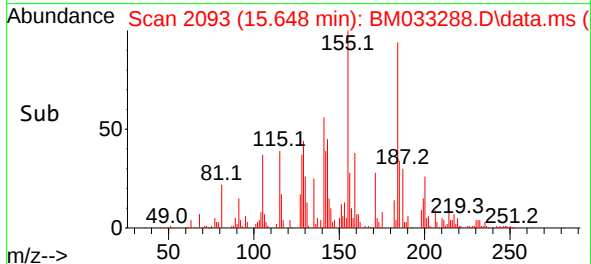
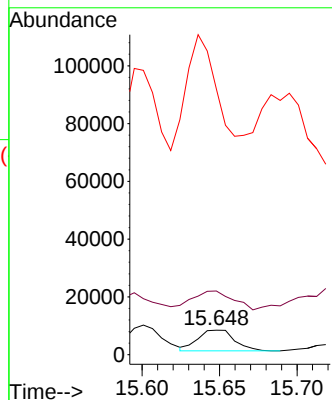
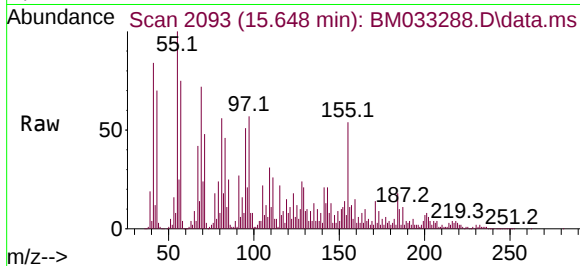




#65
4,6-Dinitro-2-methylphenol
Concen: 3.522 ng
RT: 15.648 min Scan# 2098
Delta R.T. -0.030 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

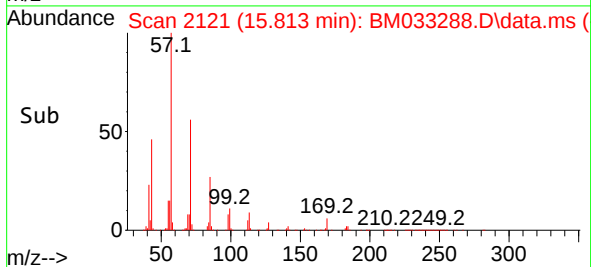
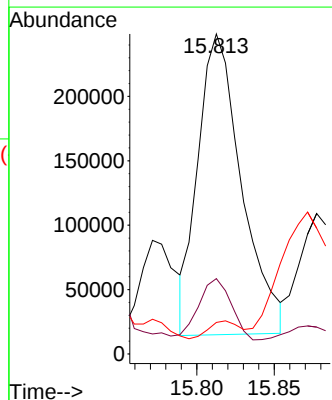
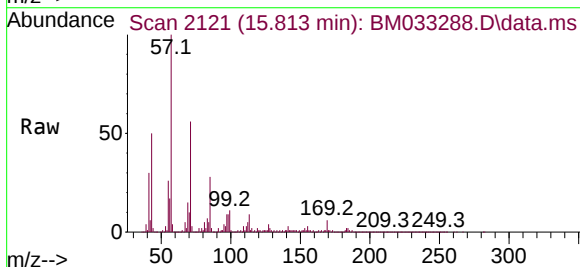
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

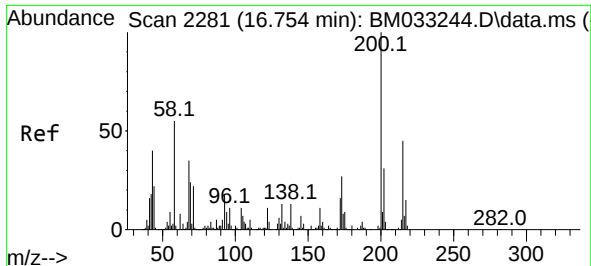
Tgt Ion:198 Resp: 11857
Ion Ratio Lower Upper
198 100
51 260.4 49.7 89.7#
105 1085.4 34.9 74.9#



#66
n-Nitrosodiphenylamine
Concen: 23.953 ng
RT: 15.813 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:169 Resp: 456720
Ion Ratio Lower Upper
169 100
168 23.5 55.0 82.4#
167 9.9 29.8 44.8#

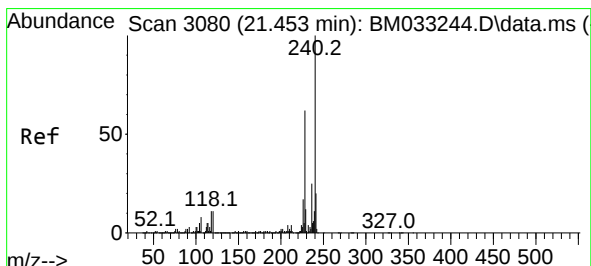
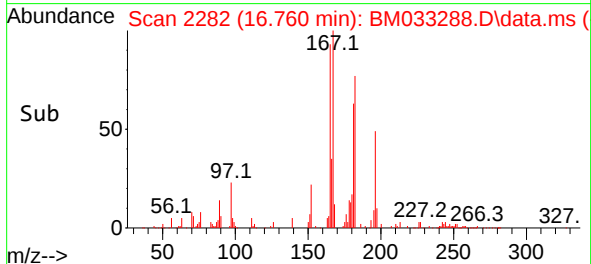
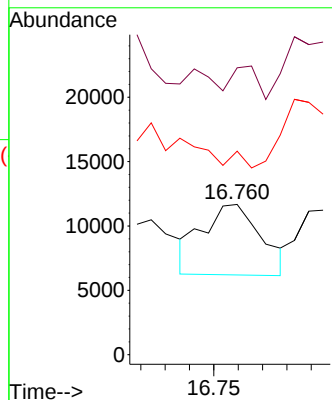
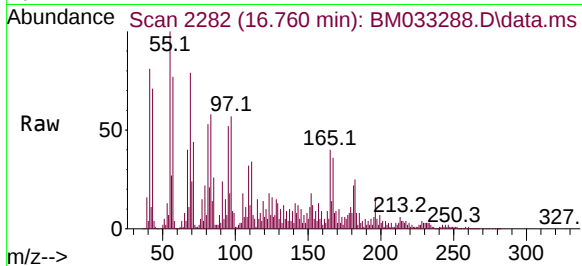




#69
Atrazine
Concen: 2.309 ng
RT: 16.760 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

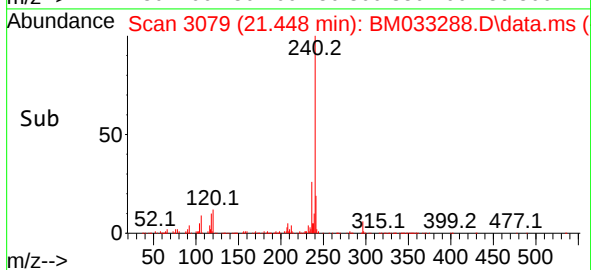
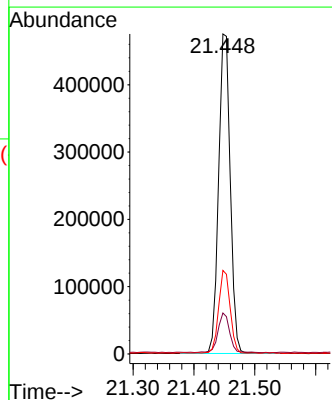
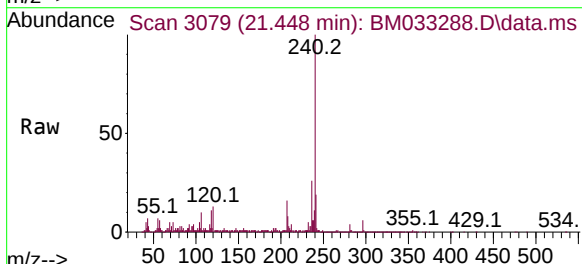
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

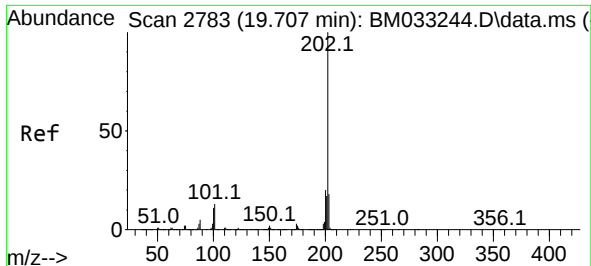
Tgt Ion:200 Resp: 9198
Ion Ratio Lower Upper
200 100
173 190.9 5.8 45.8#
215 135.4 23.6 63.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:240 Resp: 629184
Ion Ratio Lower Upper
240 100
120 12.8 7.8 11.6#
236 26.1 20.9 31.3

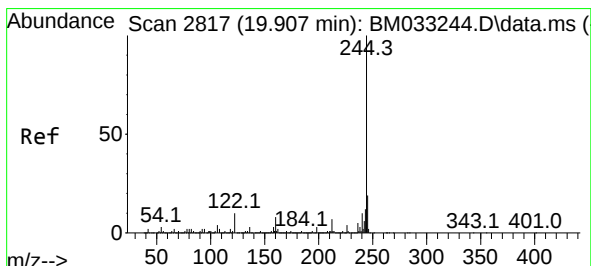
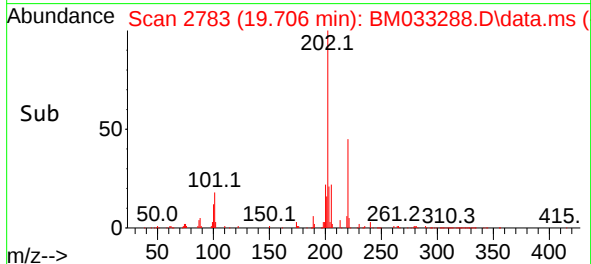
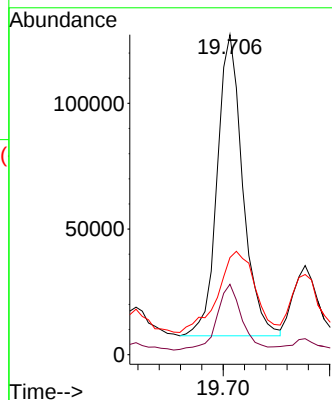
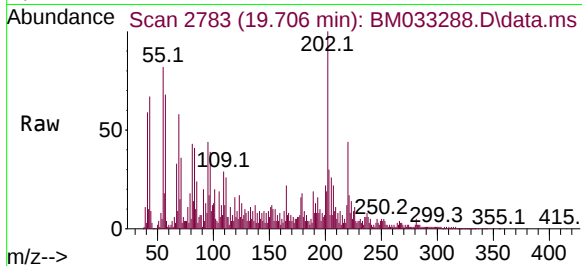




#78
Pyrene
Concen: 4.815 ng
RT: 19.706 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

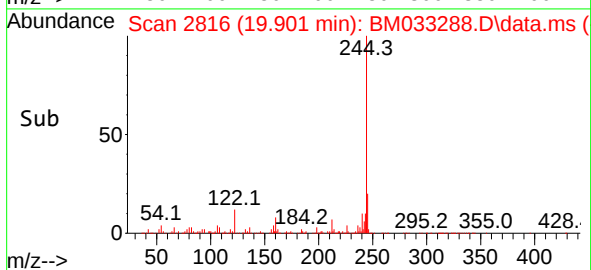
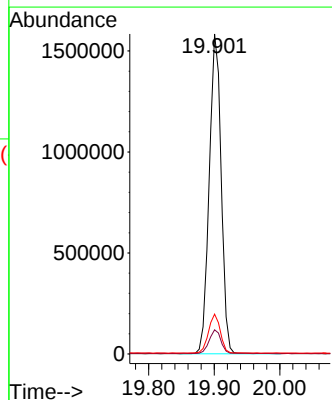
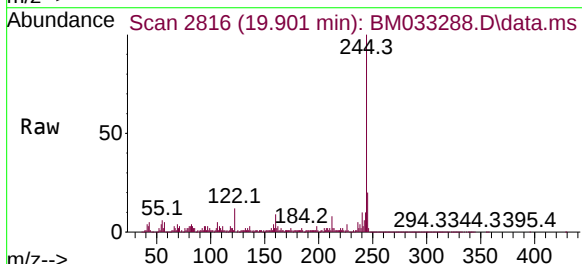
Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

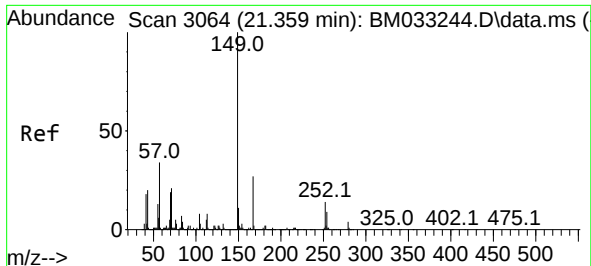
Tgt Ion:202 Resp: 199432
Ion Ratio Lower Upper
202 100
200 22.0 16.6 25.0
203 30.4 13.7 20.5#



#79
Terphenyl-d14
Concen: 62.938 ng
RT: 19.901 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:244 Resp: 2002630
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 12.5 8.7 13.1

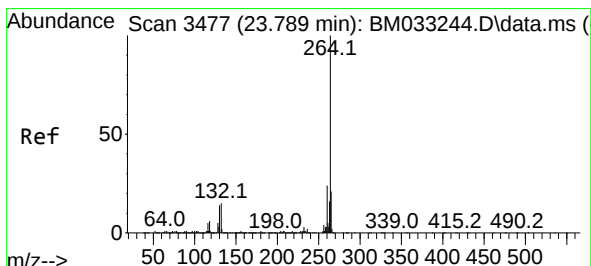
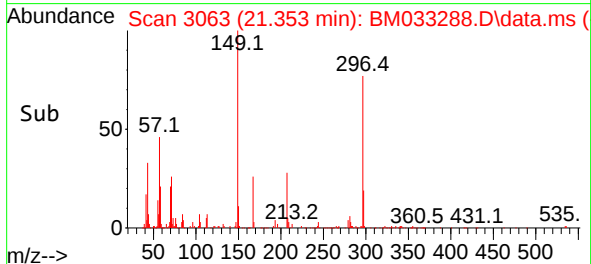
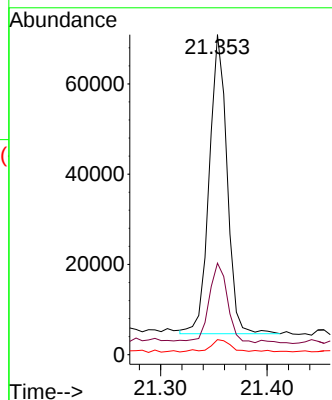
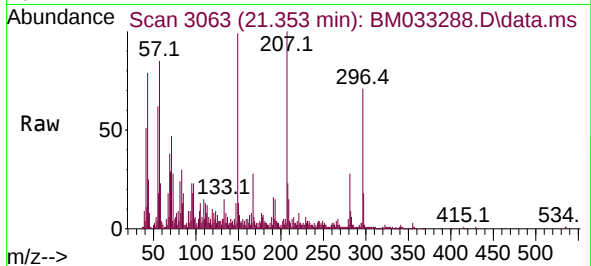




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.541 ng
RT: 21.353 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Instrument :
BNA_M
ClientSampleId :
SB-4-4.5

Tgt Ion:149 Resp: 77249
Ion Ratio Lower Upper
149 100
167 28.6 19.7 29.5
279 4.7 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.783 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM033288.D
Acq: 03 Dec 2021 16:13

Tgt Ion:264 Resp: 643813
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 22.5 18.3 27.5

