

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041233.D
 Acq On : 01 Aug 2023 20:15
 Operator : MA/JU
 Sample : 03715-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T843-CT-01

Quant Time: Aug 02 01:56:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

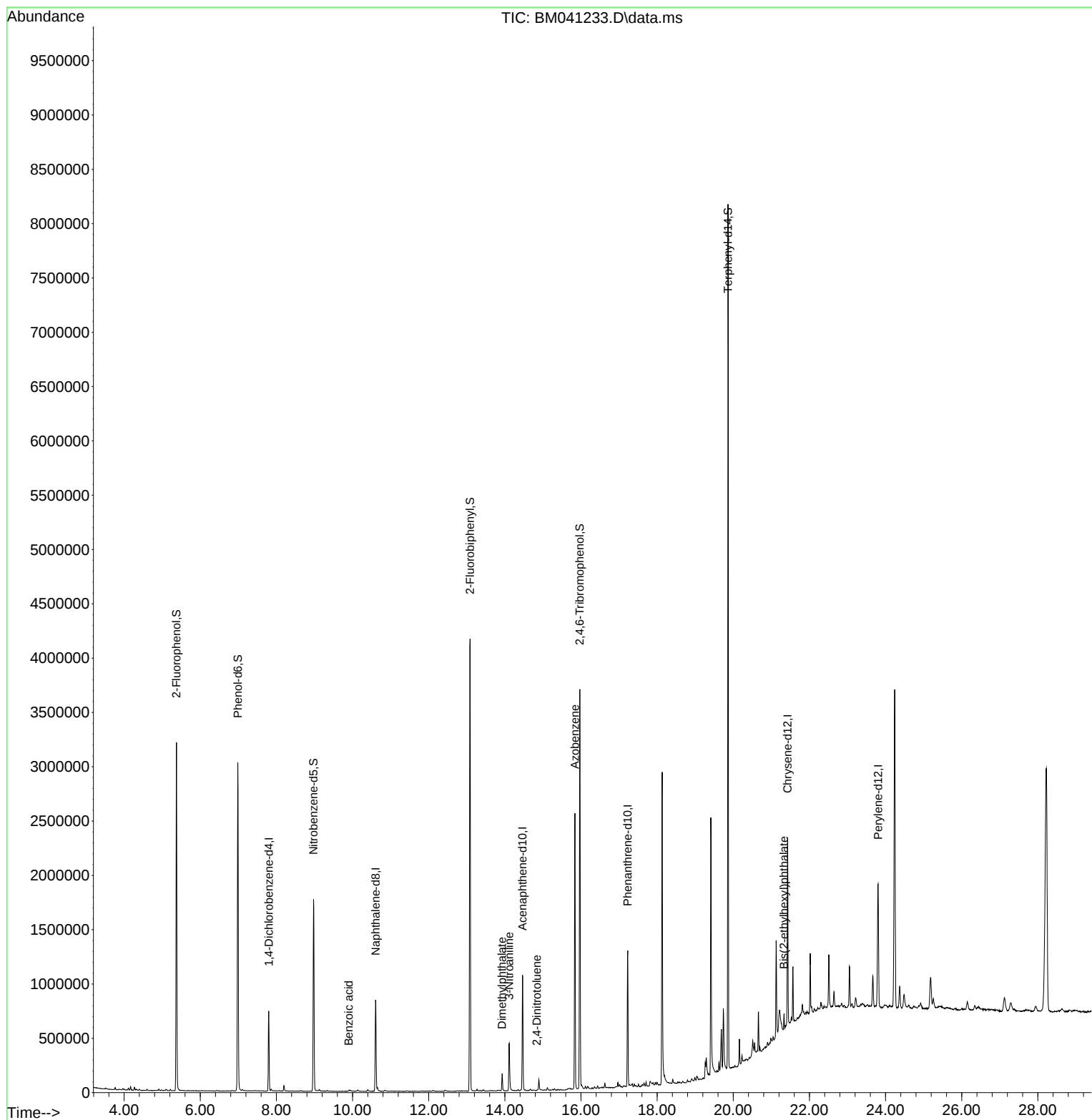
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	184558	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	676958	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	350637	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	737992	20.000	ng	0.00
76) Chrysene-d12	21.427	240	753788	20.000	ng	0.00
86) Perylene-d12	23.803	264	867661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1275675	103.307	ng	0.01
7) Phenol-d6	6.987	99	1664908	104.014	ng	0.01
23) Nitrobenzene-d5	8.975	82	1016081	69.801	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	664746	134.033	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2158729	77.773	ng	0.00
79) Terphenyl-d14	19.862	244	3699165	88.729	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.898	122	2139	7.395	ng	# 35
50) Dimethylphthalate	13.927	163	97164	3.684	ng	99
53) 3-Nitroaniline	14.110	138	60	2.586	ng	# 83
57) 2,4-Dinitrotoluene	14.839	165	71	2.679	ng	# 12
63) Azobenzene	15.839	77	707315	25.316	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.333	149	50658	4.109	ng	# 94

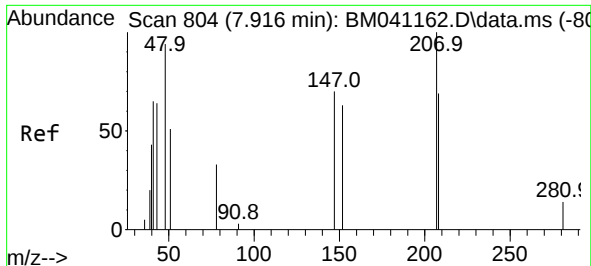
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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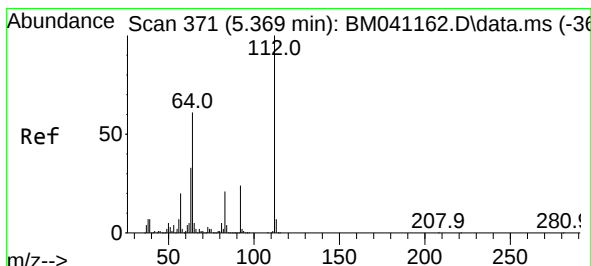
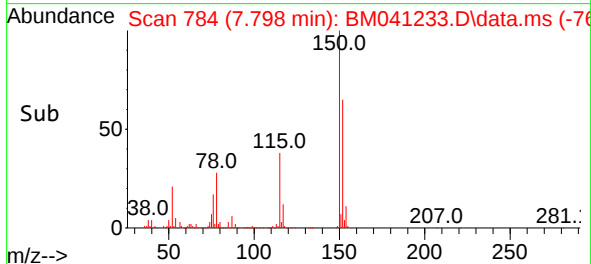
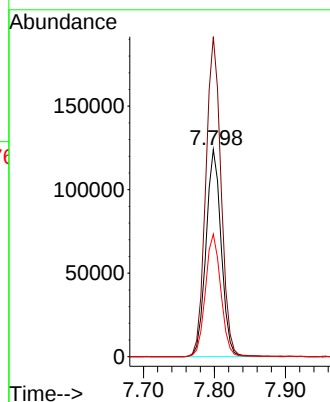
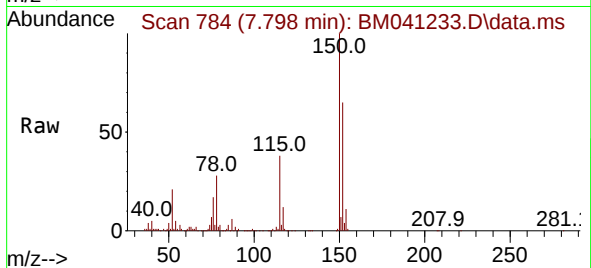




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

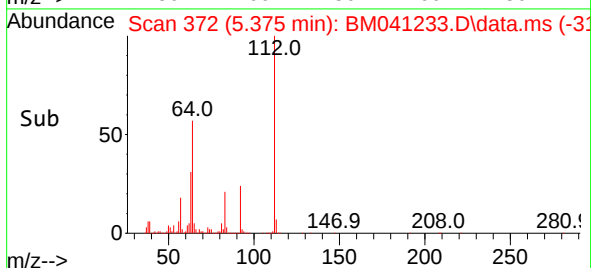
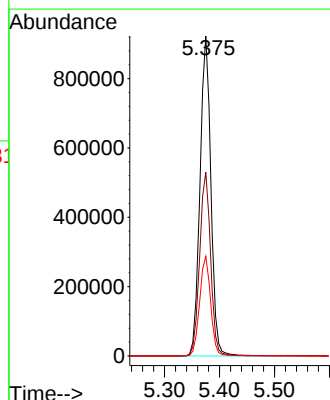
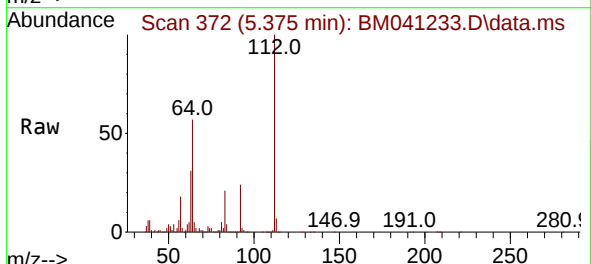
Instrument :
BNA_M
ClientSampleId :
T843-CT-01

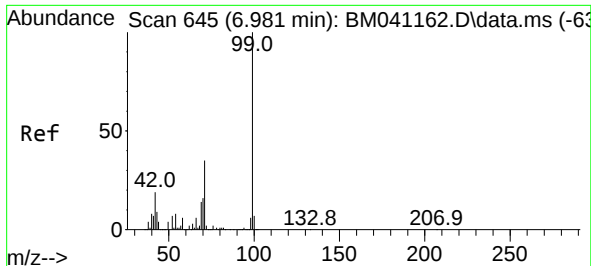
Tgt Ion:152 Resp: 184558
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 59.2 48.0 72.0



#5
2-Fluorophenol
Concen: 103.307 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.012 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Tgt Ion:112 Resp: 1275675
Ion Ratio Lower Upper
112 100
64 57.4 48.5 72.7
63 31.1 26.5 39.7



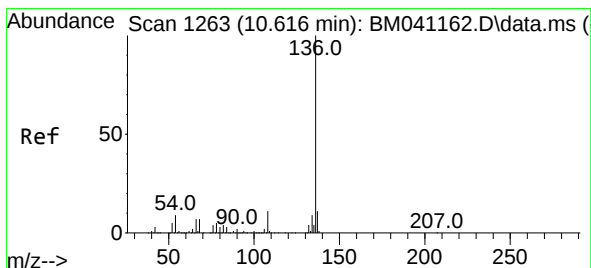
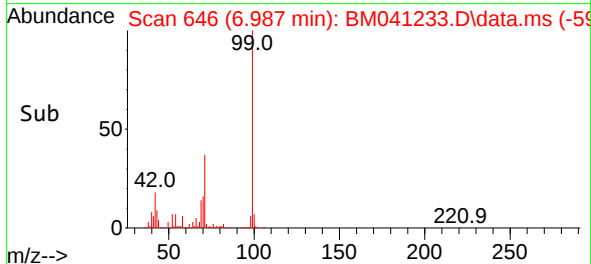
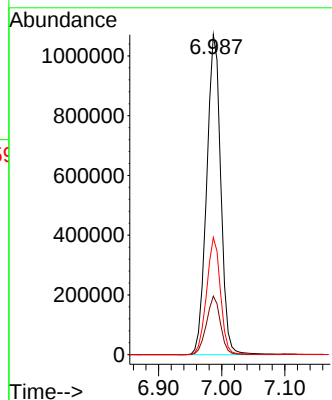
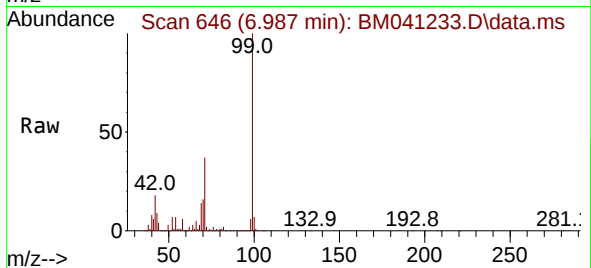


#7
Phenol-d6
Concen: 104.014 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.012 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Instrument :
BNA_M
ClientSampleId :
T843-CT-01

Tgt Ion: 99 Resp: 1664908

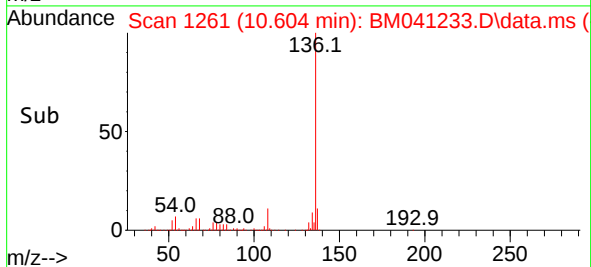
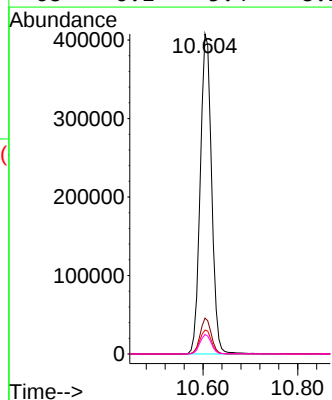
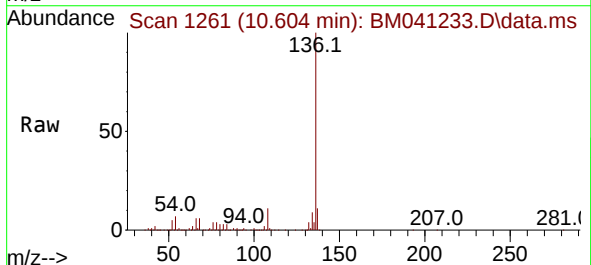
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.4	23.0
71	36.6	28.2	42.4

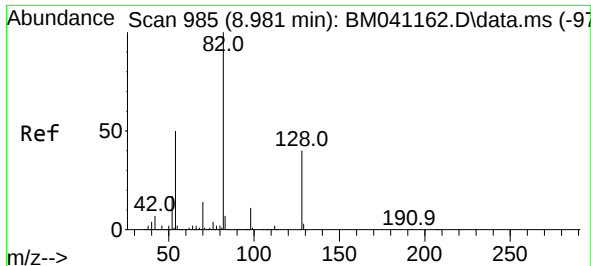


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Tgt Ion: 136 Resp: 676958

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	6.9	10.3
68	6.1	5.4	8.2





#23

Nitrobenzene-d5

Concen: 69.801 ng

RT: 8.975 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041233.D

Acq: 01 Aug 2023 20:15

Instrument :

BNA_M

ClientSampleId :

T843-CT-01

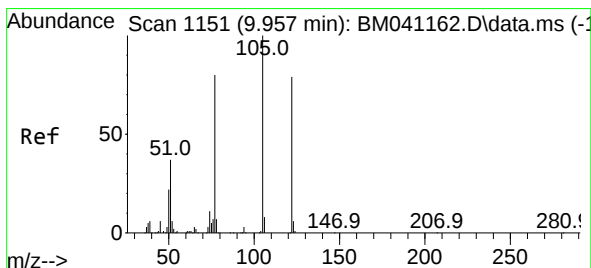
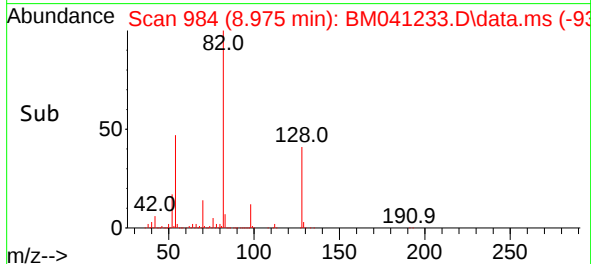
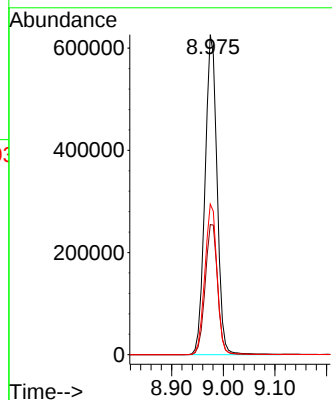
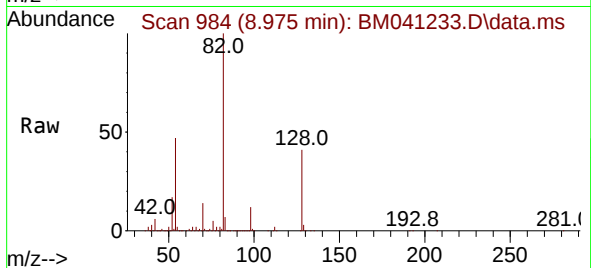
Tgt Ion: 82 Resp: 1016081

Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

54 47.1 40.1 60.1



#32

Benzoic acid

Concen: 7.395 ng

RT: 9.898 min Scan# 1141

Delta R.T. -0.047 min

Lab File: BM041233.D

Acq: 01 Aug 2023 20:15

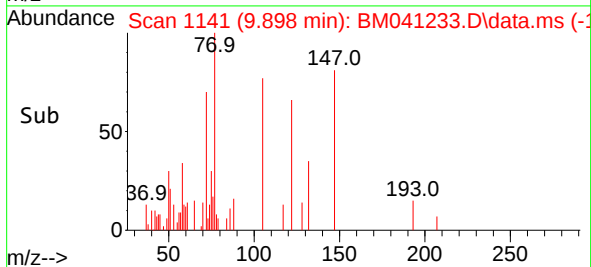
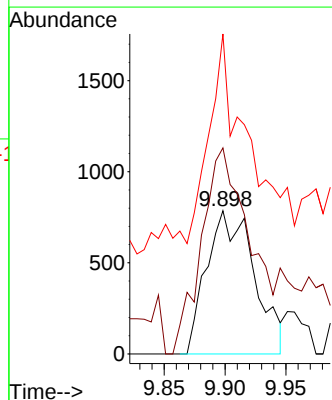
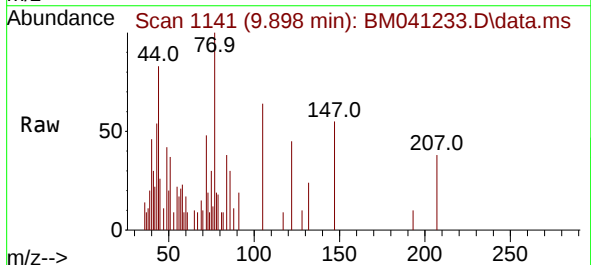
Tgt Ion: 122 Resp: 2139

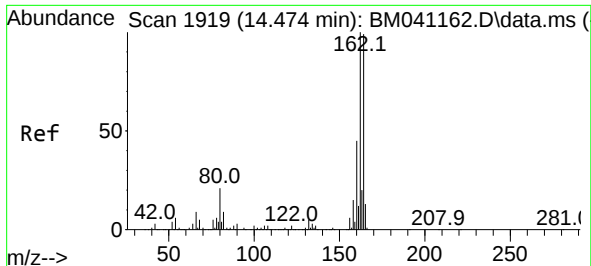
Ion Ratio Lower Upper

122 100

105 143.9 104.0 144.0

77 223.4 79.9 119.9#

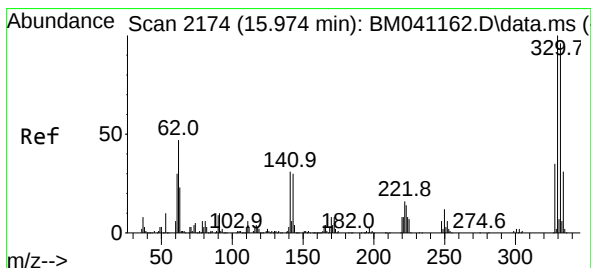
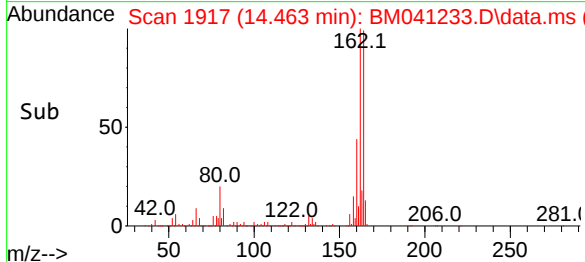
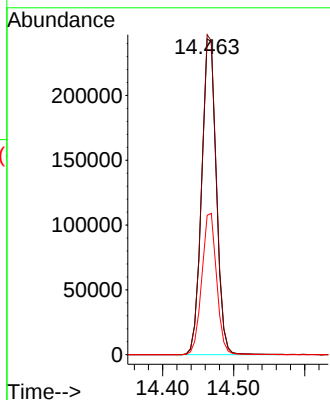
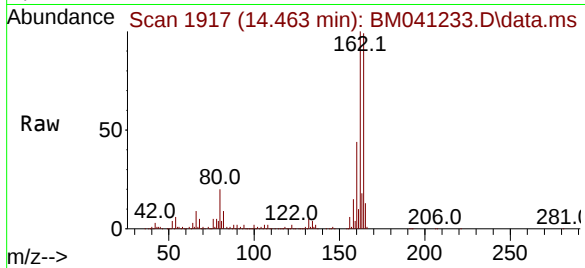




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

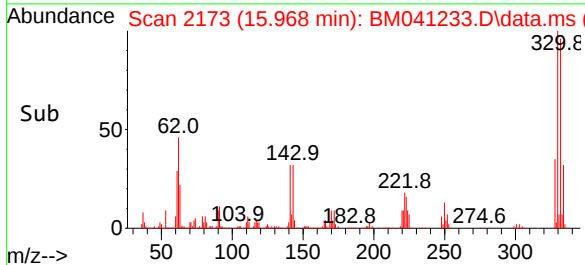
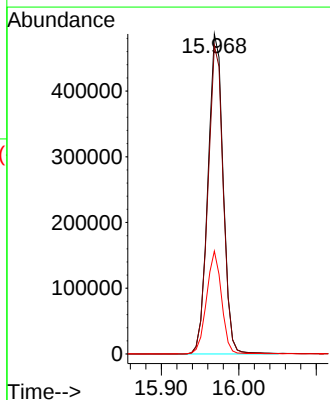
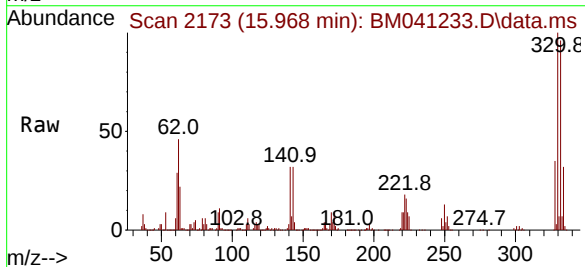
Instrument :
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ClientSampleId :
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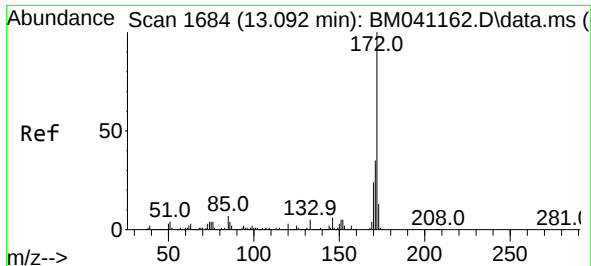
Tgt Ion:164 Resp: 350637
Ion Ratio Lower Upper
164 100
162 101.3 80.4 120.6
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 134.033 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Tgt Ion:330 Resp: 664746
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 31.7 28.3 42.5

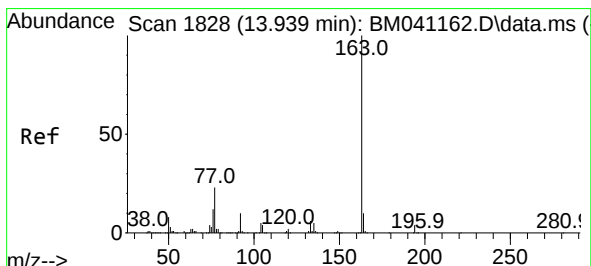
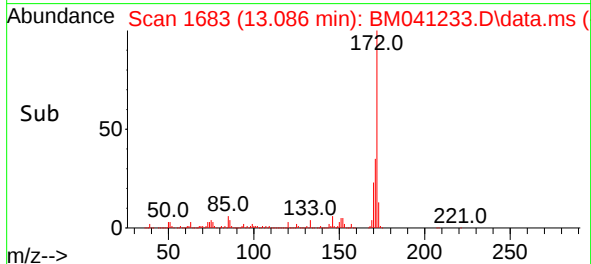
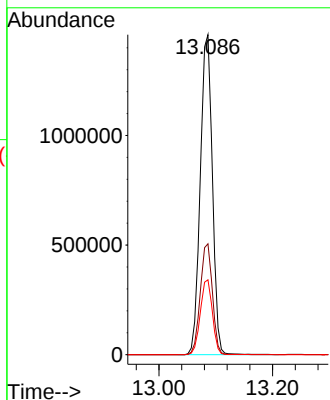
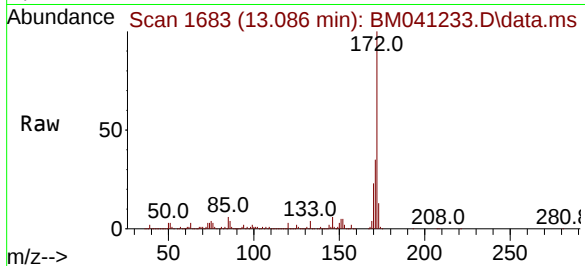




#45
2-Fluorobiphenyl
Concen: 77.773 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

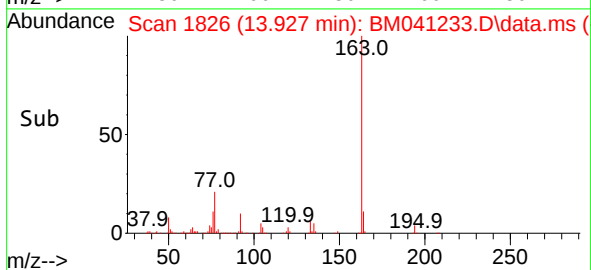
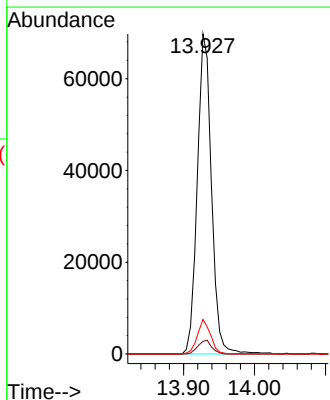
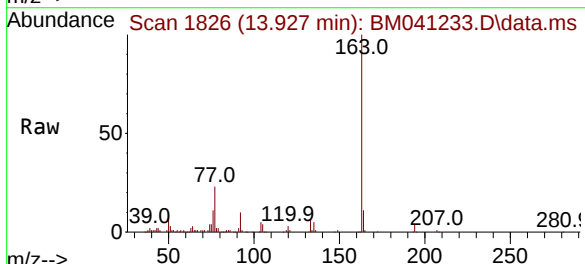
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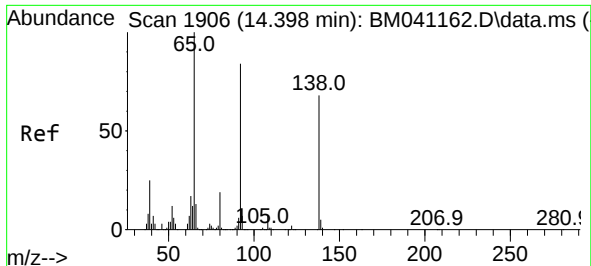
Tgt Ion:172 Resp: 2158729
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 3.684 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Tgt Ion:163 Resp: 97164
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.8 8.3 12.5

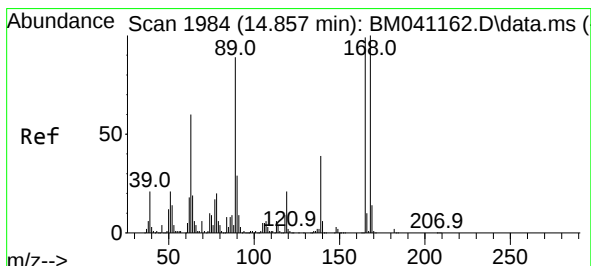
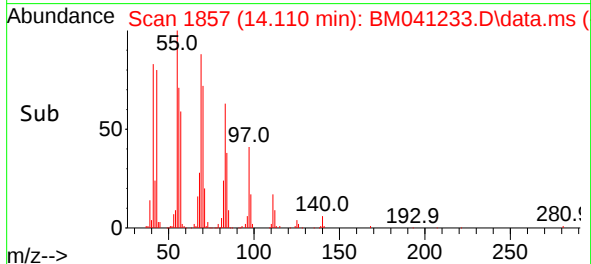
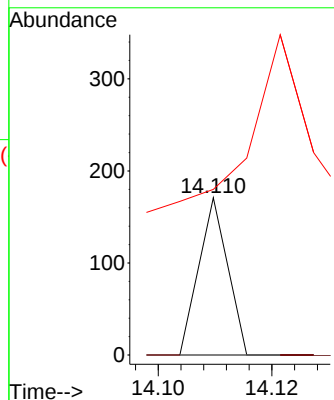
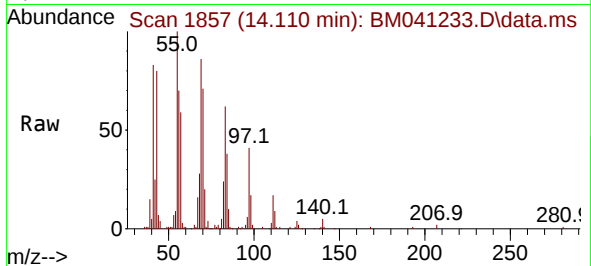




#53
3-Nitroaniline
Concen: 2.586 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.282 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

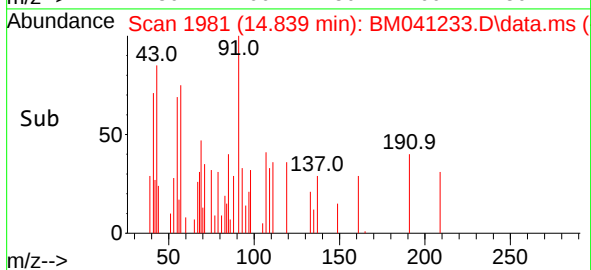
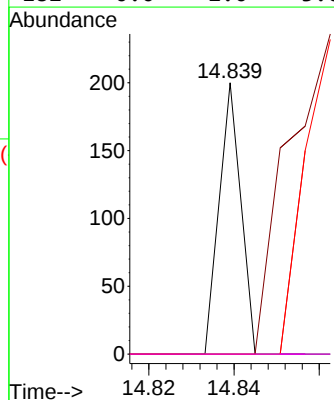
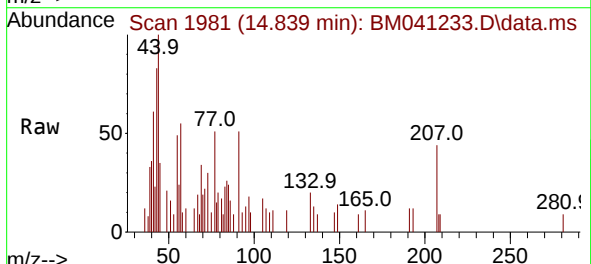
Instrument :
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T843-CT-01

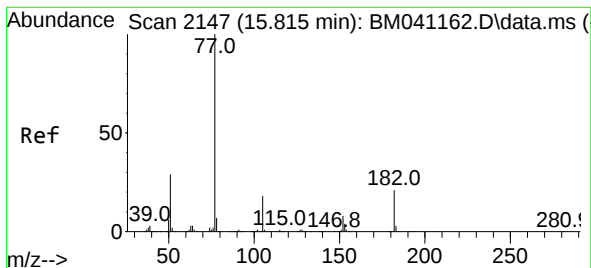
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 0.0 7.6 11.4#
92 105.3 98.9 148.3



#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Tgt Ion:165 Resp: 71
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 25.316 ng

RT: 15.839 min Scan# 2151

Delta R.T. 0.029 min

Lab File: BM041233.D

Acq: 01 Aug 2023 20:15

Instrument :

BNA_M

ClientSampleId :

T843-CT-01

Tgt Ion: 77 Resp: 707315

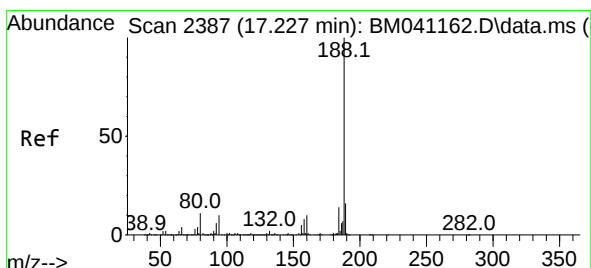
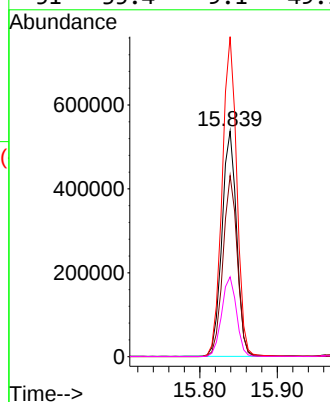
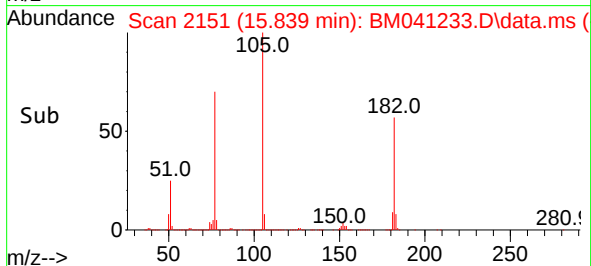
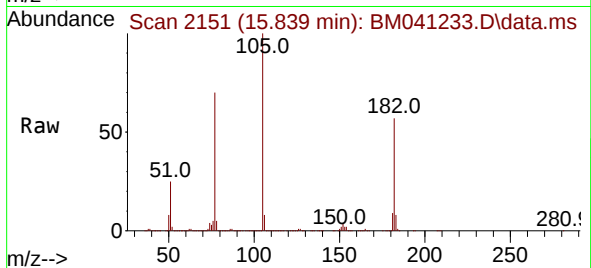
Ion Ratio Lower Upper

77 100

182 80.3 1.3 41.3#

105 141.9 0.0 38.5#

51 35.4 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041233.D

Acq: 01 Aug 2023 20:15

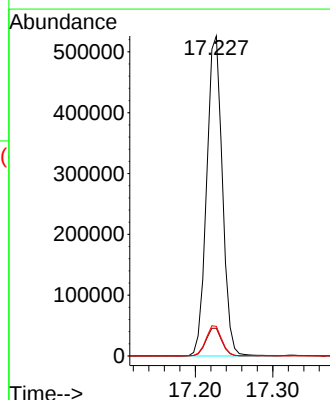
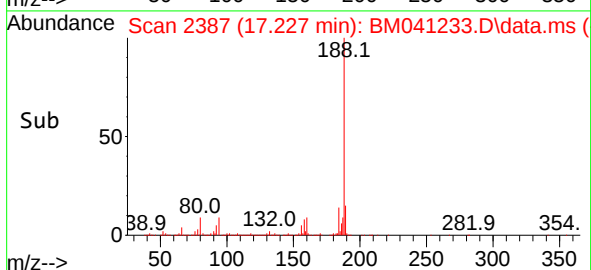
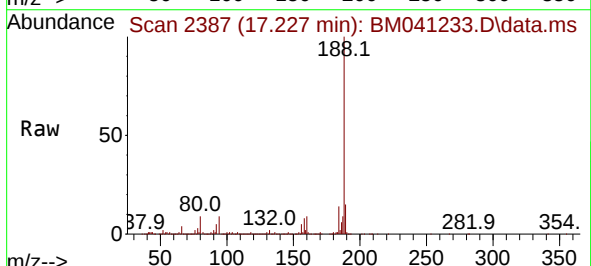
Tgt Ion:188 Resp: 737992

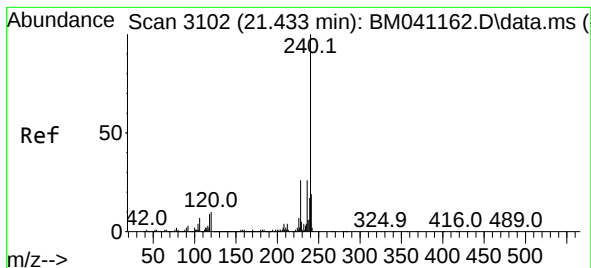
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.3 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM041233.D

Acq: 01 Aug 2023 20:15

Instrument :

BNA_M

ClientSampleId :

T843-CT-01

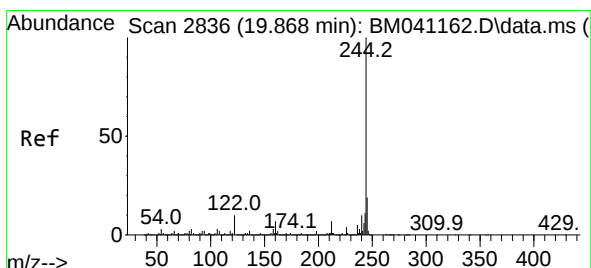
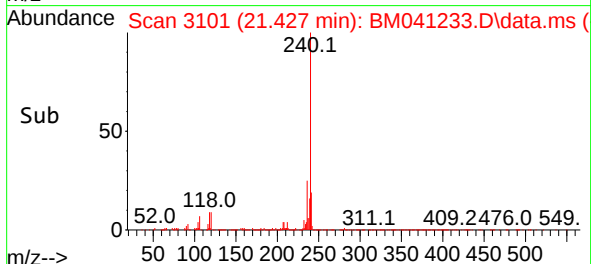
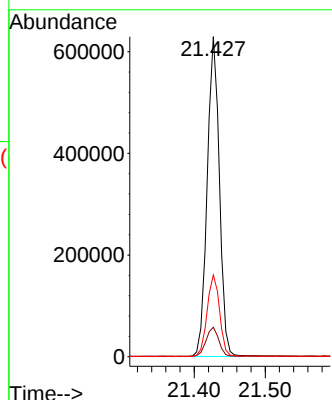
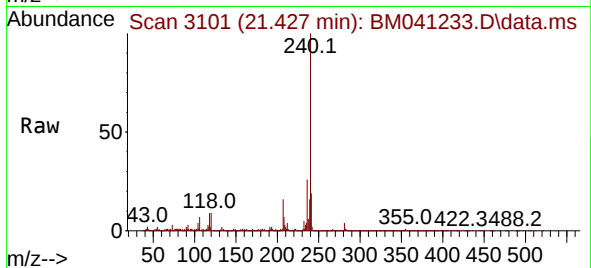
Tgt Ion:240 Resp: 753788

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 25.5 20.6 30.8



#79

Terphenyl-d14

Concen: 88.729 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041233.D

Acq: 01 Aug 2023 20:15

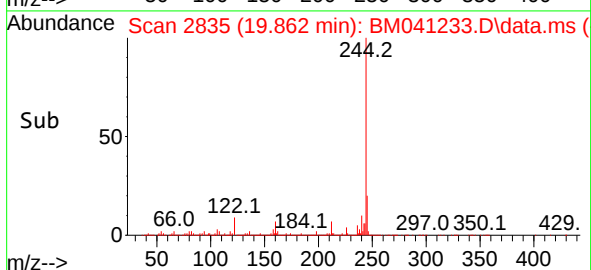
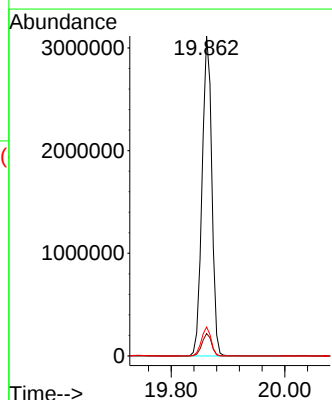
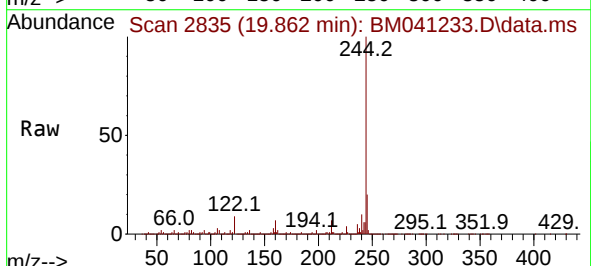
Tgt Ion:244 Resp: 3699165

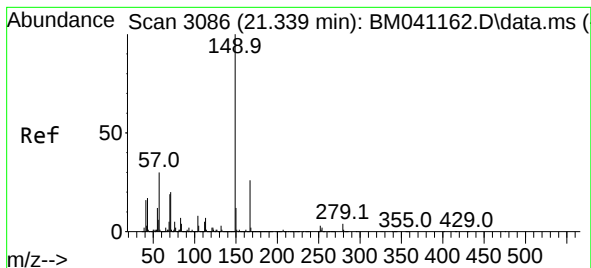
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.1 7.8 11.6

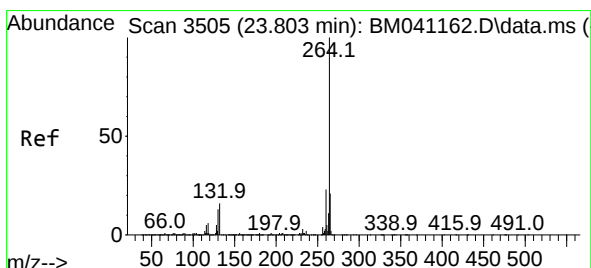
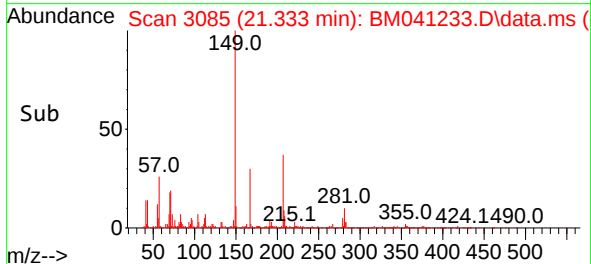
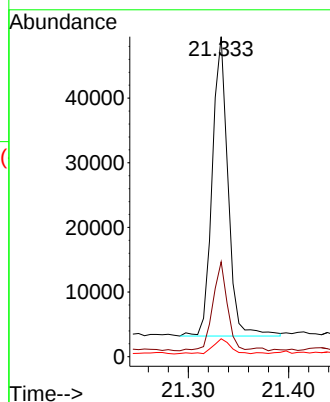
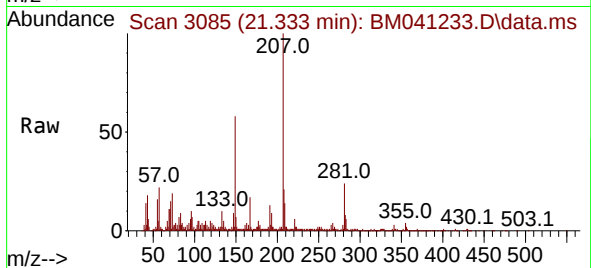




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.109 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Instrument :
BNA_M
ClientSampleId :
T843-CT-01

Tgt Ion:149 Resp: 50658
Ion Ratio Lower Upper
149 100
167 29.6 21.0 31.6
279 5.6 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BM041233.D
Acq: 01 Aug 2023 20:15

Tgt Ion:264 Resp: 867661
Ion Ratio Lower Upper
264 100
260 24.4 18.5 27.7
265 22.5 17.4 26.0

