

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030439.D
 Acq On : 14 Jun 2021 16:33
 Operator : CG/JU
 Sample : M2625-31RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(178-182)RE

Quant Time: Jun 14 18:01:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 14:10:50 2021
 Response via : Initial Calibration

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

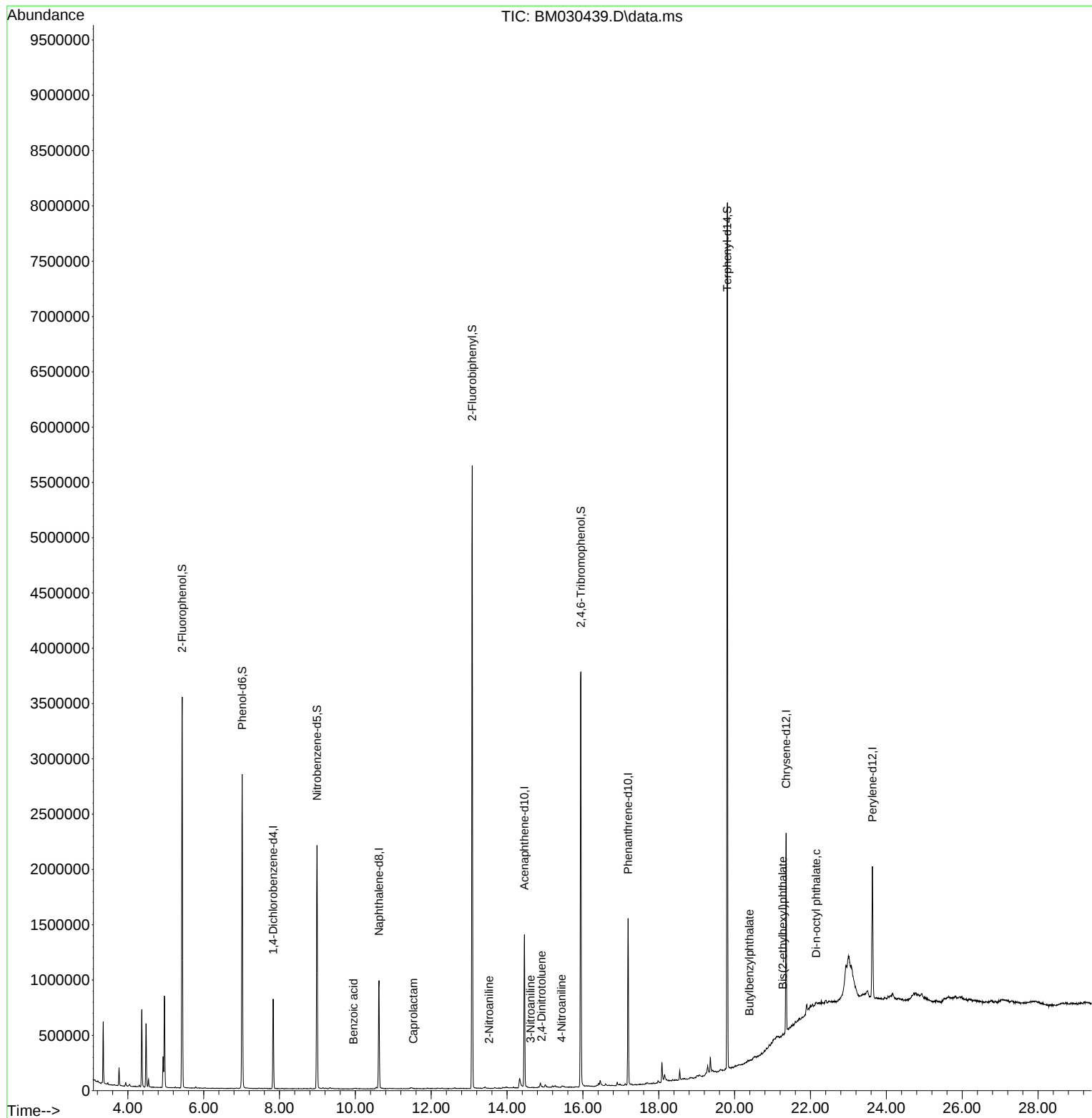
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	222279	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	813413	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	480523	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	901712	20.000	ng	0.00
76) Chrysene-d12	21.356	240	843854	20.000	ng	0.00
86) Perylene-d12	23.633	264	826600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1489473	108.934	ng	0.02
7) Phenol-d6	7.016	99	1553643	78.492	ng	0.02
23) Nitrobenzene-d5	8.986	82	1290771	77.308	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	716906	118.663	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2905509	79.516	ng	0.00
79) Terphenyl-d14	19.809	244	3674123	76.475	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.951	122	579	5.042	ng	# 83
35) Caprolactam	11.528	113	71	5.985	ng	# 1
48) 2-Nitroaniline	13.527	65	127	4.033	ng	# 4
53) 3-Nitroaniline	14.621	138	58	3.968	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	56	3.000	ng	# 20
62) 4-Nitroaniline	15.439	138	67	4.620	ng	# 10
80) Butylbenzylphthalate	20.386	149	379	4.319	ng	93
84) Bis(2-ethylhexyl)phtha...	21.268	149	3633	4.358	ng	# 93
85) Di-n-octyl phthalate	22.150	149	656	4.175	ng	# 1

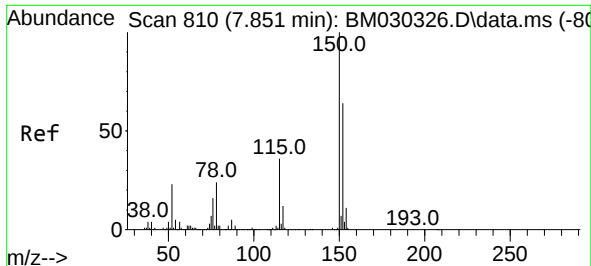
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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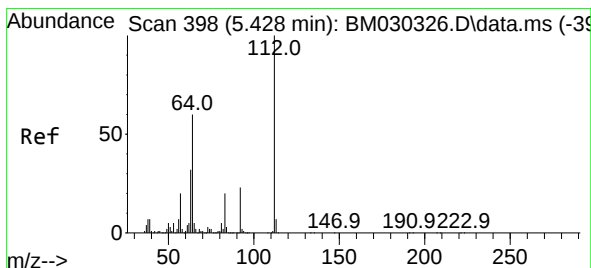
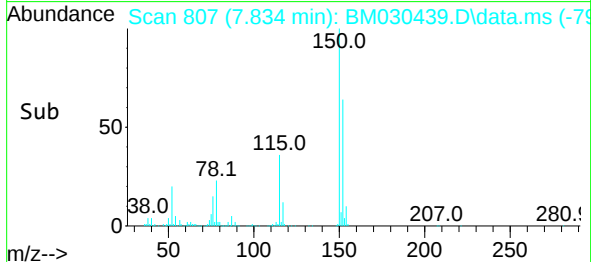
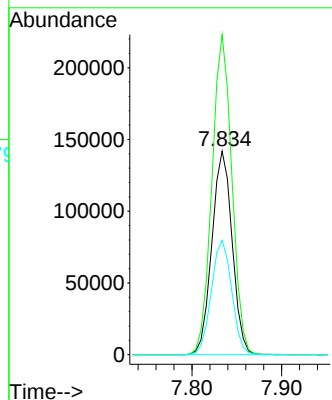
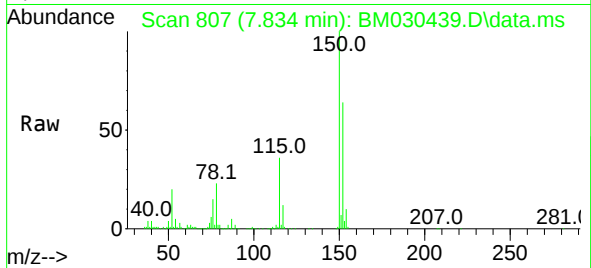




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

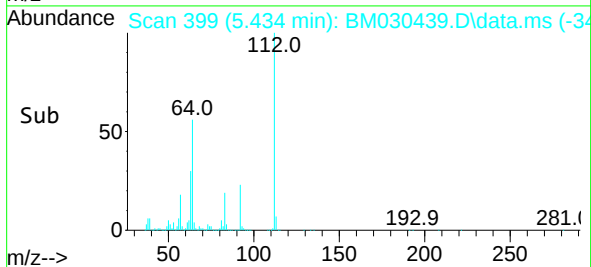
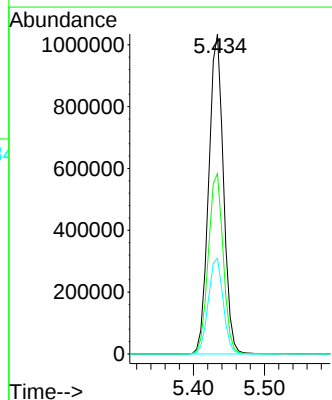
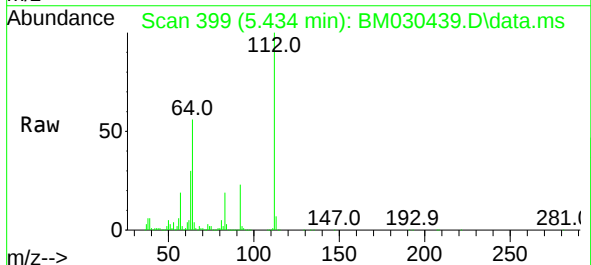
Instrument :
BNA_M
ClientSampleId :
18-B12(178-182)RE

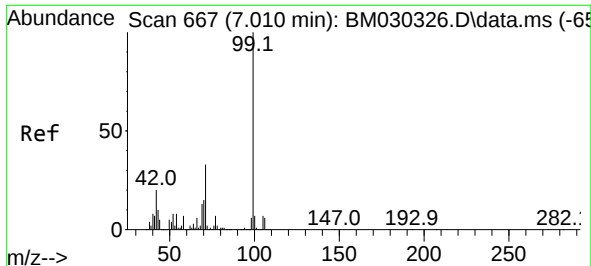
Tgt Ion:152 Resp: 222279
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 56.2 44.6 67.0



#5
2-Fluorophenol
Concen: 108.934 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.018 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion:112 Resp: 1489473
Ion Ratio Lower Upper
112 100
64 56.4 47.1 70.7
63 29.9 27.3 40.9

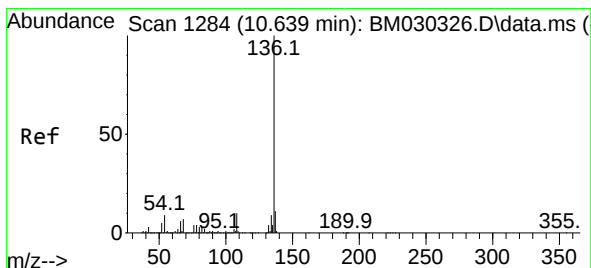
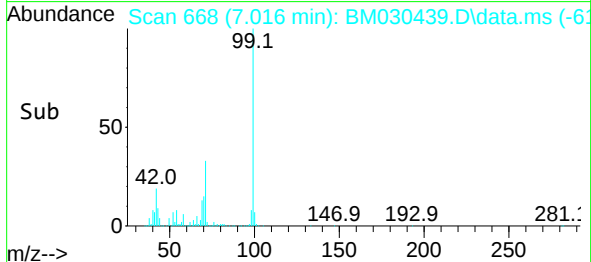
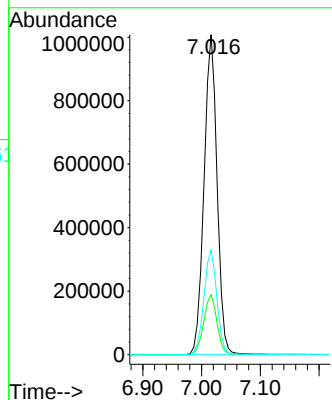
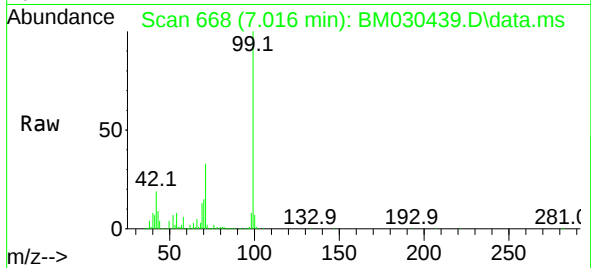




#7
Phenol-d6
Concen: 78.492 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.018 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

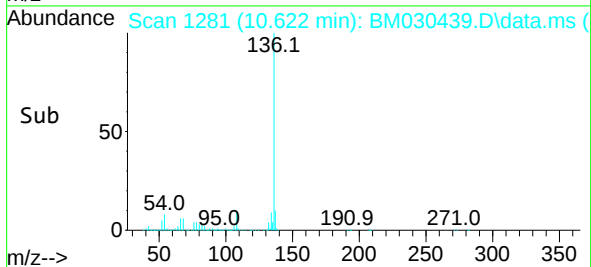
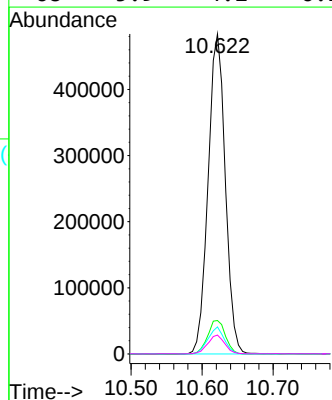
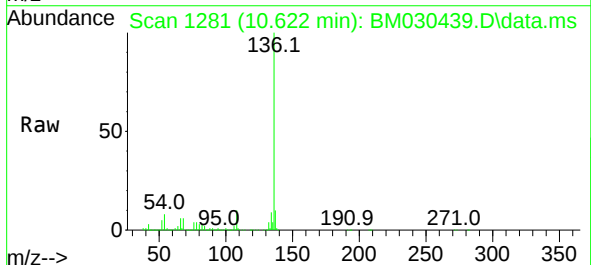
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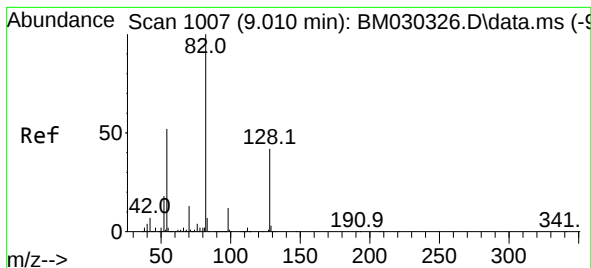
Tgt Ion: 99 Resp: 1553643
Ion Ratio Lower Upper
99 100
42 18.8 18.0 27.0
71 32.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion: 136 Resp: 813413
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.5 5.5 8.3#
68 5.9 4.2 6.2

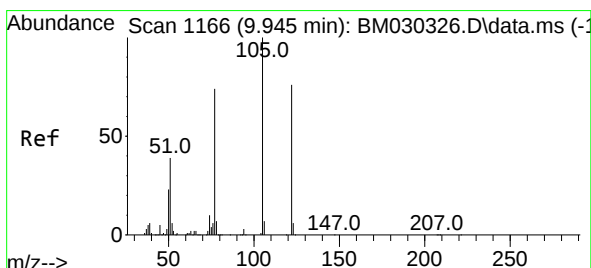
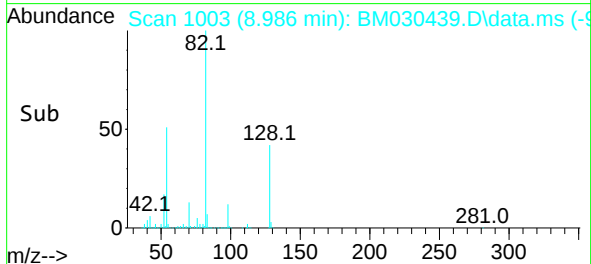
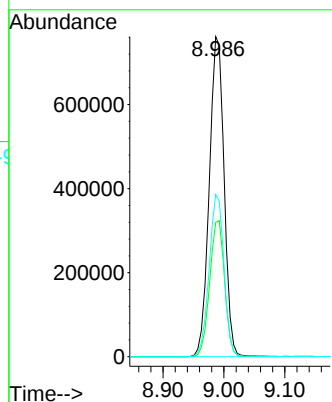
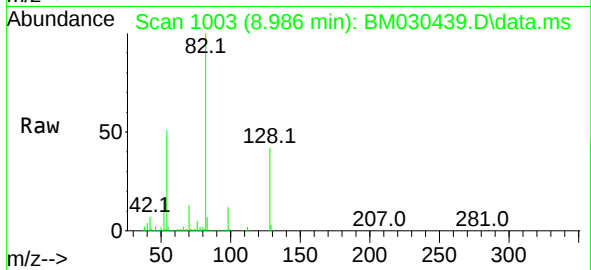




#23
Nitrobenzene-d5
Concen: 77.308 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

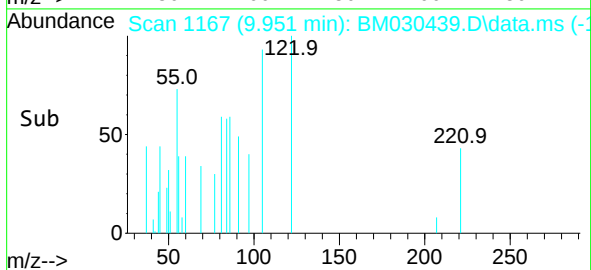
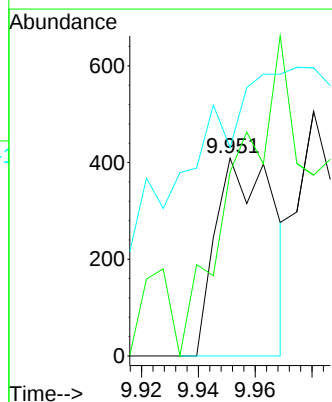
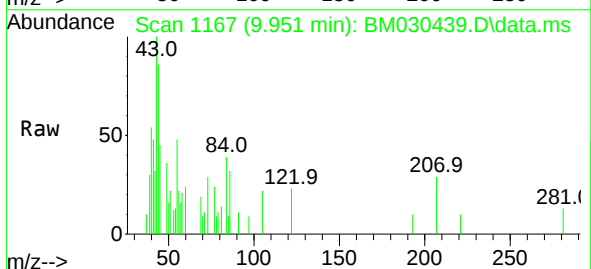
Instrument :
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ClientSampleId :
18-B12(178-182)RE

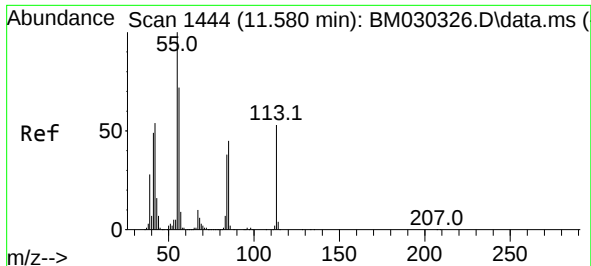
Tgt Ion: 82 Resp: 1290771
Ion Ratio Lower Upper
82 100
128 41.9 31.1 46.7
54 50.7 37.3 55.9



#32
Benzoic acid
Concen: 5.042 ng
RT: 9.951 min Scan# 1167
Delta R.T. 0.018 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion:122 Resp: 579
Ion Ratio Lower Upper
122 100
105 93.2 107.3 147.3#
77 105.4 88.0 128.0

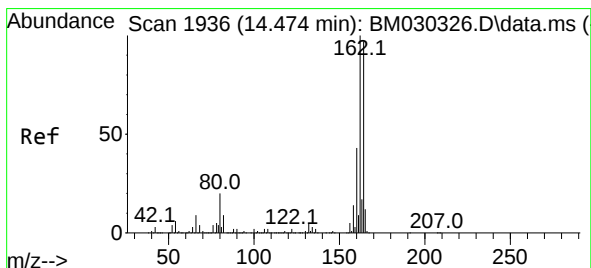
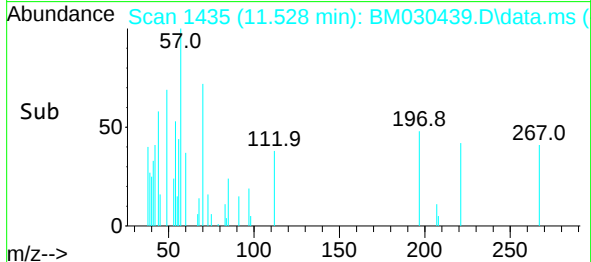
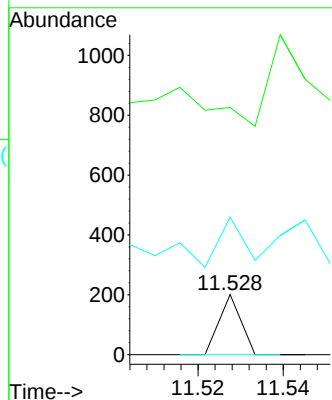
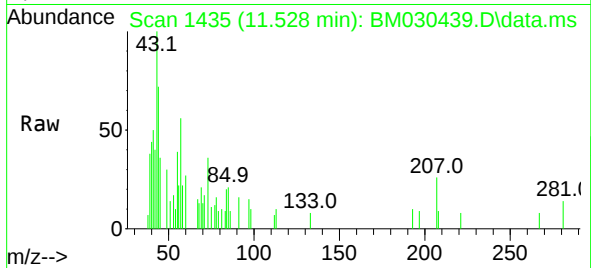




#35
Caprolactam
Concen: 5.985 ng
RT: 11.528 min Scan# 1435
Delta R.T. -0.041 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

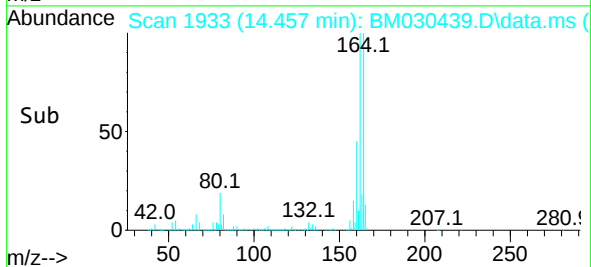
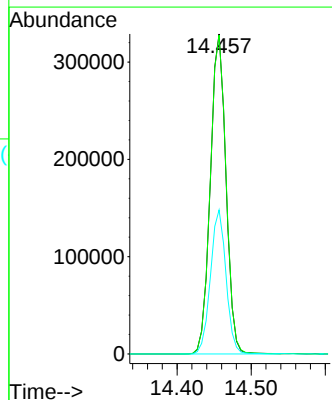
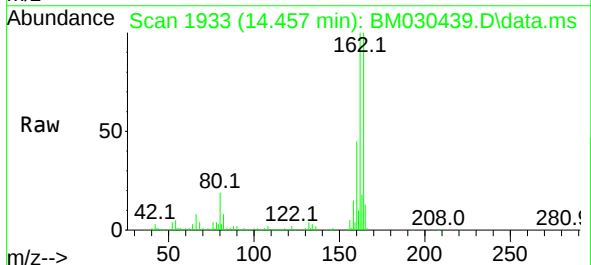
Instrument :
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18-B12(178-182)RE

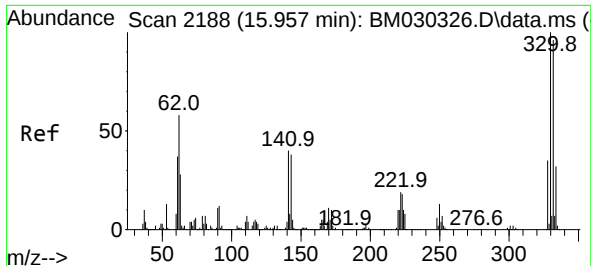
Tgt Ion:113 Resp: 71
Ion Ratio Lower Upper
113 100
55 410.9 132.0 172.0#
56 228.4 96.3 136.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion:164 Resp: 480523
Ion Ratio Lower Upper
164 100
162 99.7 83.4 125.0
160 45.0 37.2 55.8

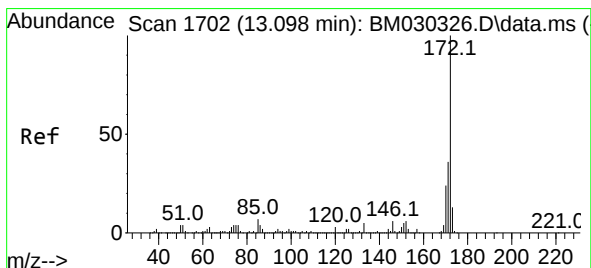
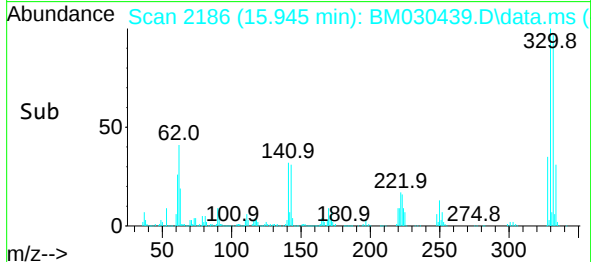
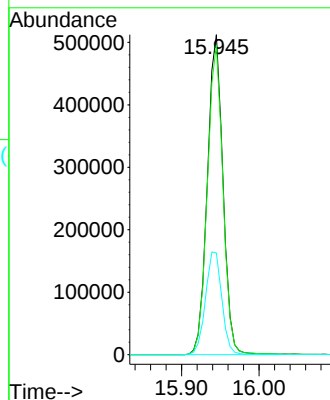
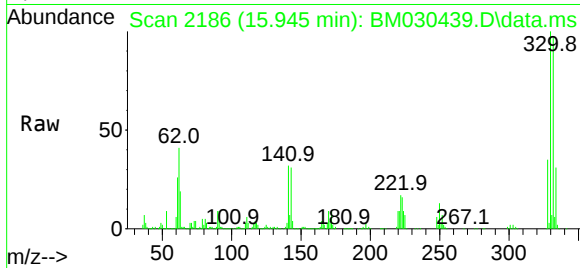




#42
2,4,6-Tribromophenol
Concen: 118.663 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

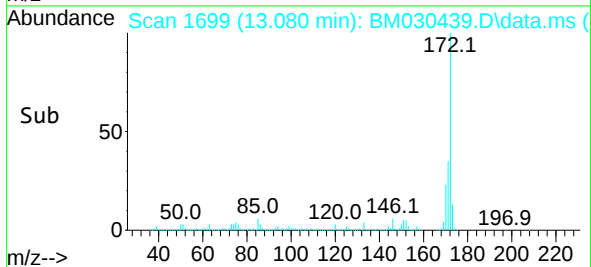
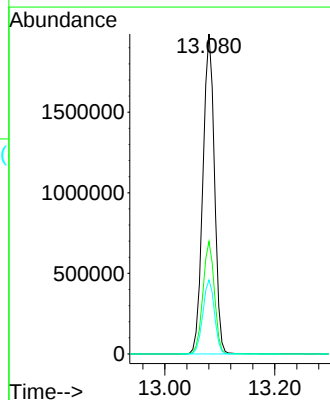
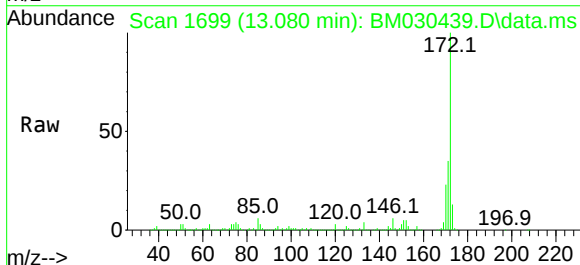
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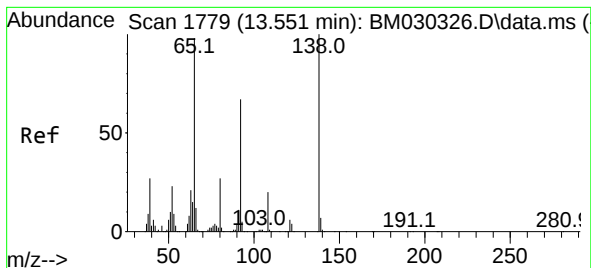
Tgt Ion:330 Resp: 716906
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 33.9 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 79.516 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion:172 Resp: 2905509
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.1 18.4 27.6

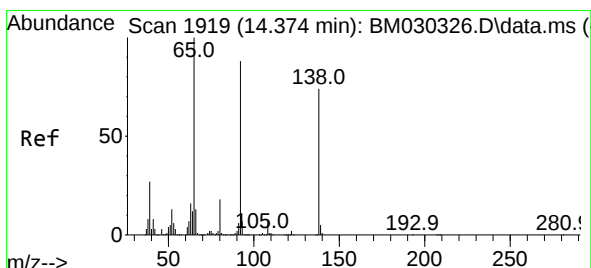
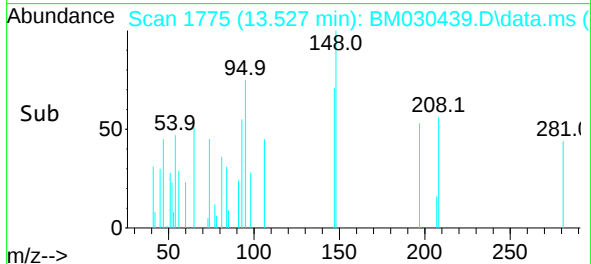
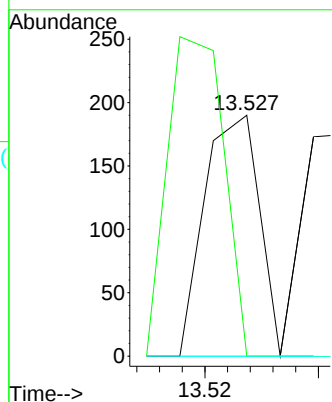
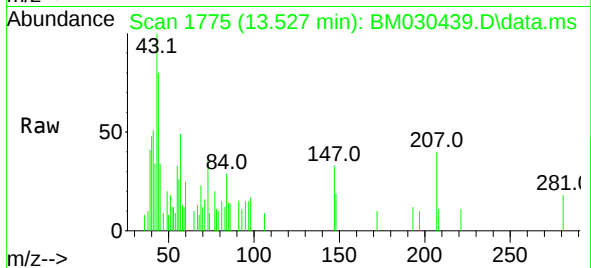




#48
2-Nitroaniline
Concen: 4.033 ng
RT: 13.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

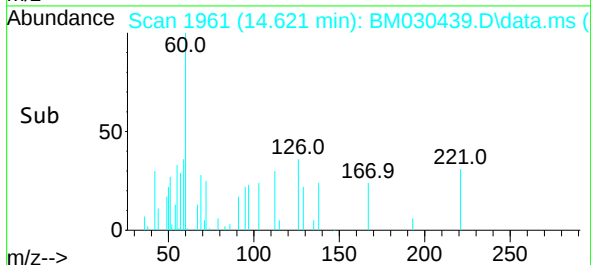
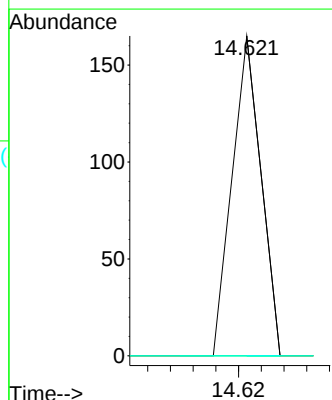
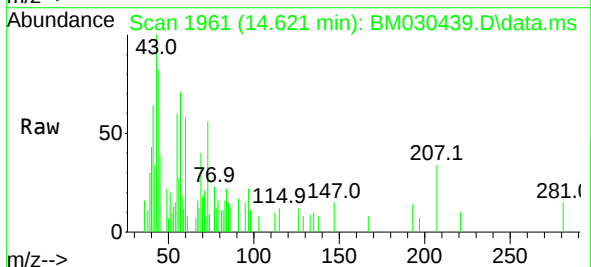
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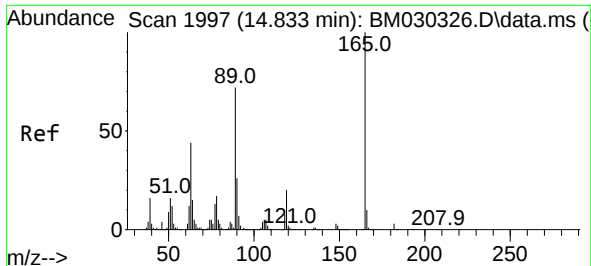
Tgt Ion: 65 Resp: 127
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#53
3-Nitroaniline
Concen: 3.968 ng
RT: 14.621 min Scan# 1961
Delta R.T. 0.259 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion: 138 Resp: 58
Ion Ratio Lower Upper
138 100
108 0.0 7.7 11.5#
92 0.0 92.6 138.8#

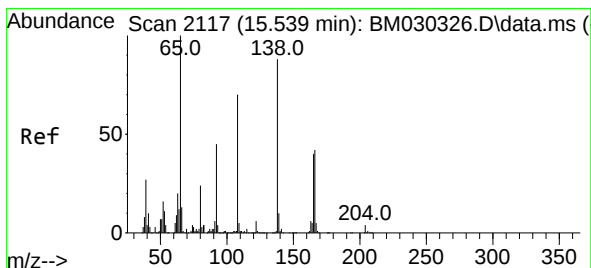
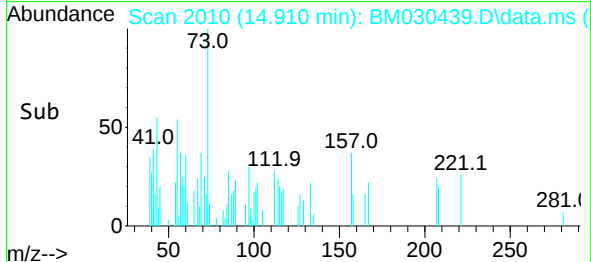
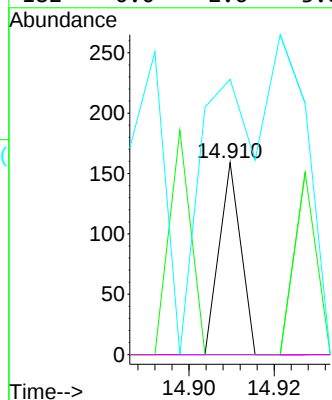
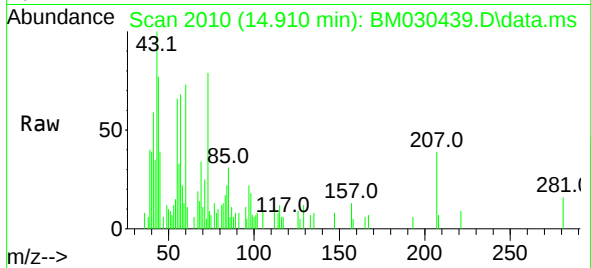




#57
2,4-Dinitrotoluene
Concen: 3.000 ng
RT: 14.910 min Scan# 2010
Delta R.T. 0.088 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

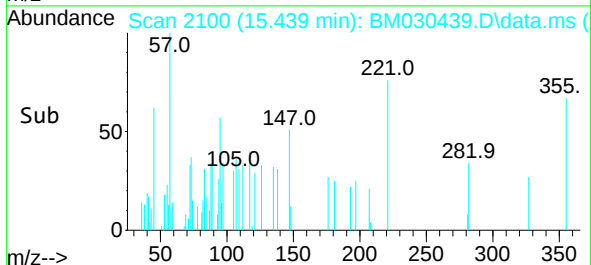
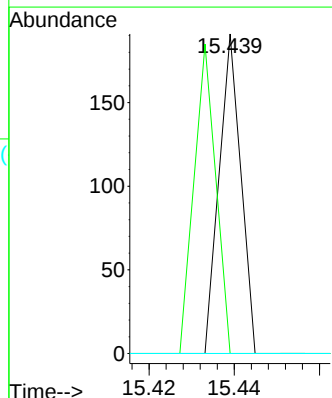
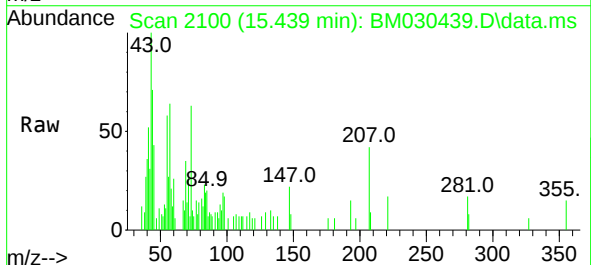
Instrument :
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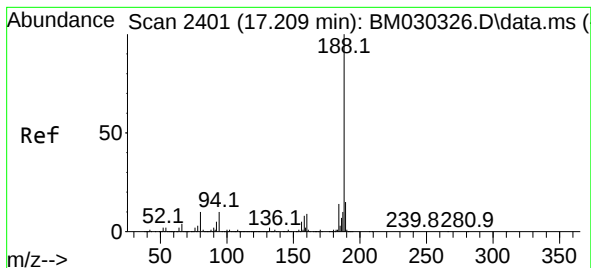
Tgt Ion:	165	Resp:	56
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	143.4	55.2	82.8#
182	0.0	2.6	3.8#



#62
4-Nitroaniline
Concen: 4.620 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.082 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion:	138	Resp:	67
Ion	Ratio	Lower	Upper
138	100		
92	0.0	33.4	73.4#
108	0.0	75.5	115.5#

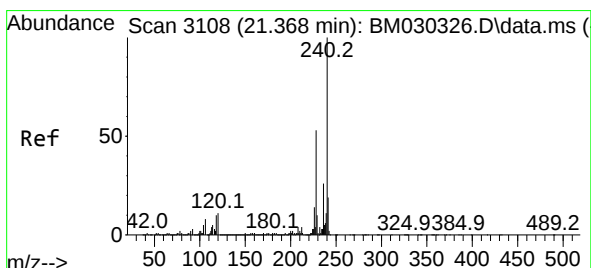
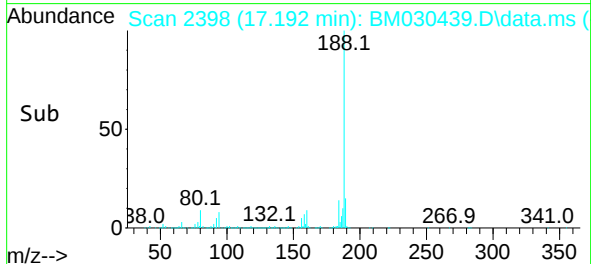
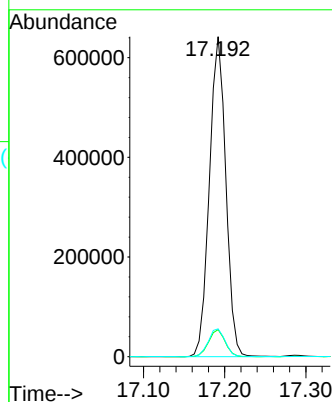
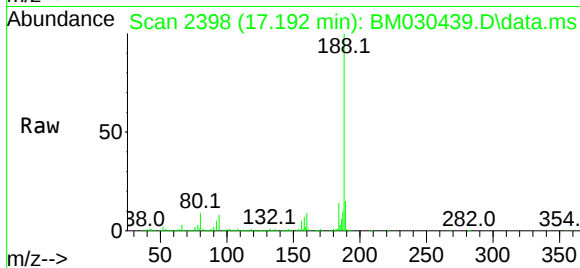




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

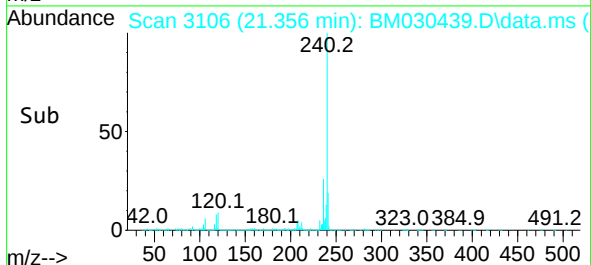
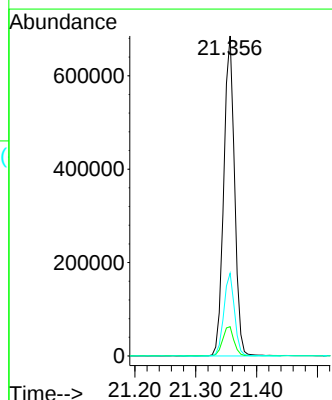
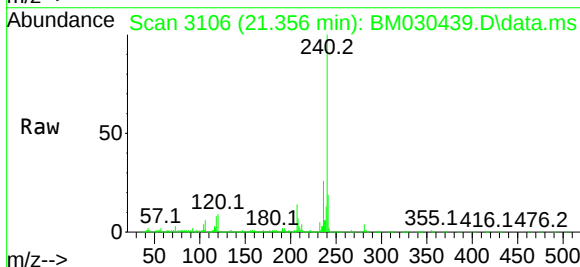
Instrument :
BNA_M
ClientSampleId :
18-B12(178-182)RE

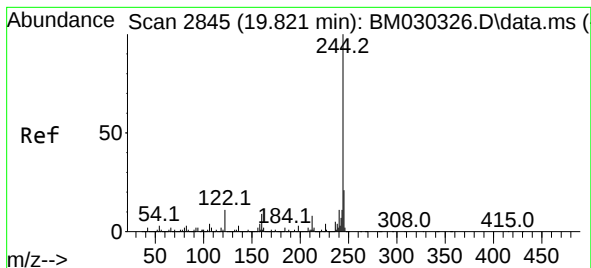
Tgt Ion:188 Resp: 901712
Ion Ratio Lower Upper
188 100
94 8.4 6.0 9.0
80 8.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Tgt Ion:240 Resp: 843854
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 76.475 ng

RT: 19.809 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BM030439.D

Acq: 14 Jun 2021 16:33

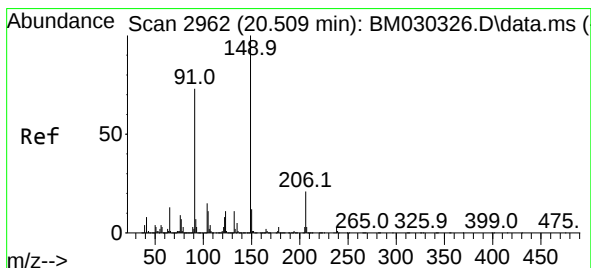
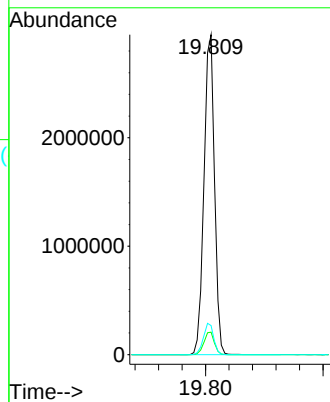
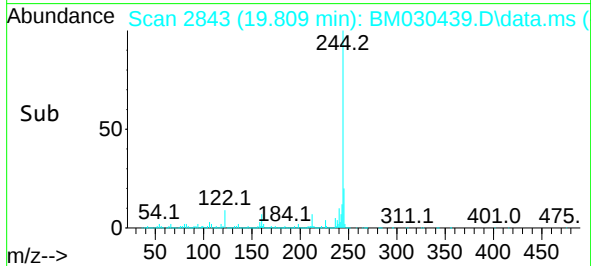
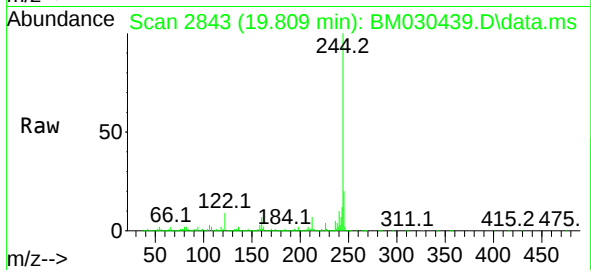
Tgt Ion:244 Resp: 3674123

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

122 9.1 6.9 10.3



#80

Butylbenzylphthalate

Concen: 4.319 ng

RT: 20.386 min Scan# 2941

Delta R.T. -0.112 min

Lab File: BM030439.D

Acq: 14 Jun 2021 16:33

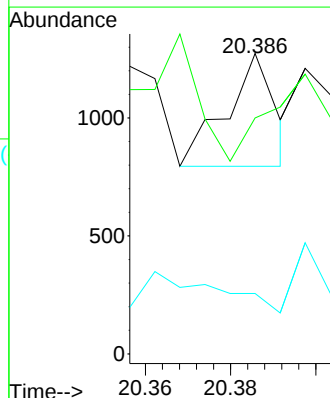
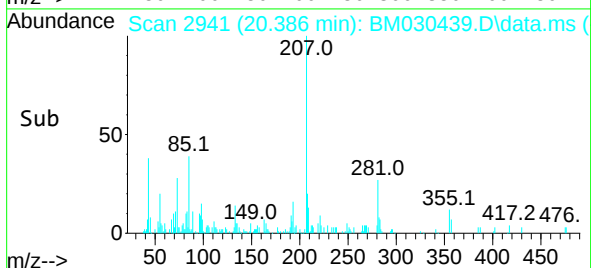
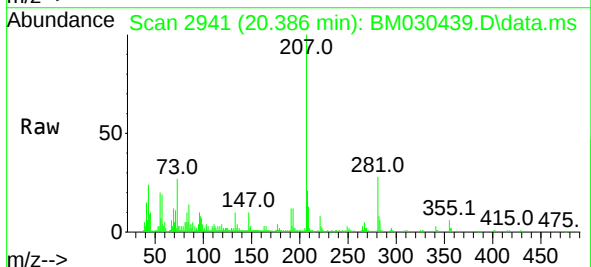
Tgt Ion:149 Resp: 379

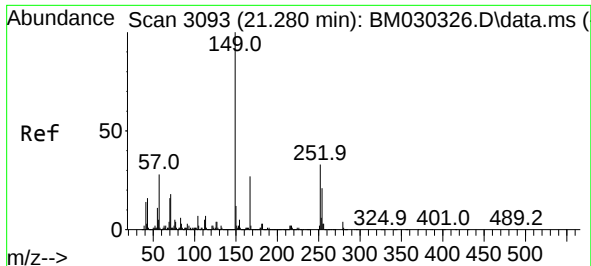
Ion Ratio Lower Upper

149 100

91 78.6 57.4 86.0

206 20.1 16.6 25.0

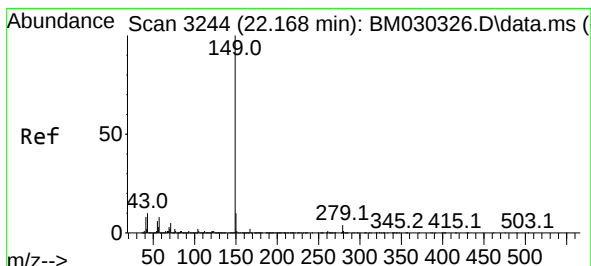
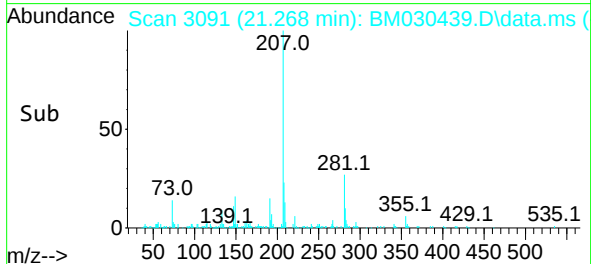
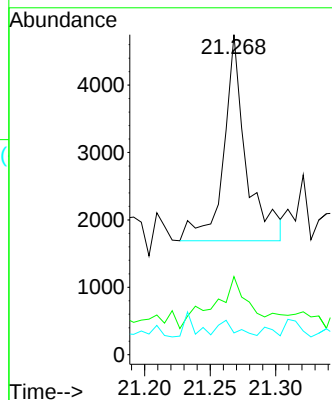
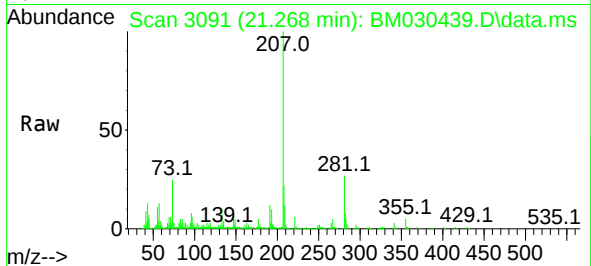




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.358 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

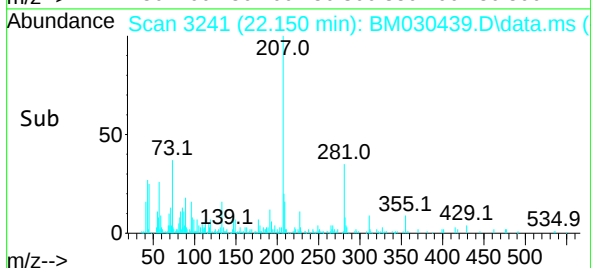
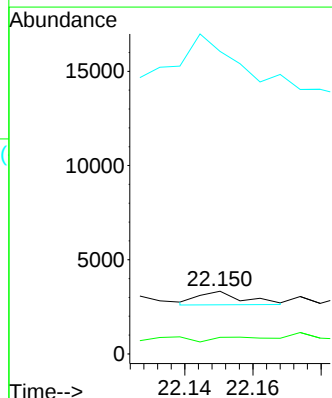
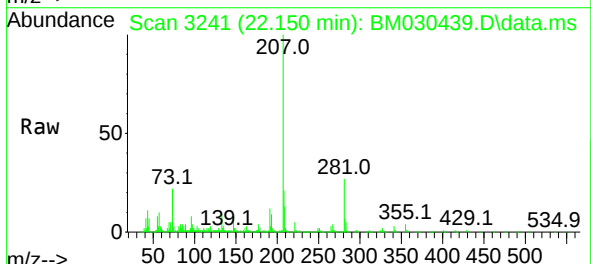
Instrument :
BNA_M
ClientSampleId :
18-B12(178-182)RE

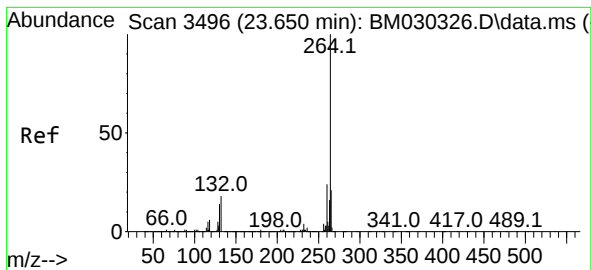
Tgt Ion:149 Resp: 3633
Ion Ratio Lower Upper
149 100
167 24.4 22.6 33.8
279 6.8 3.8 5.8#



#85
Di-n-octyl phthalate
Concen: 4.175 ng
RT: 22.150 min Scan# 3241
Delta R.T. -0.006 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

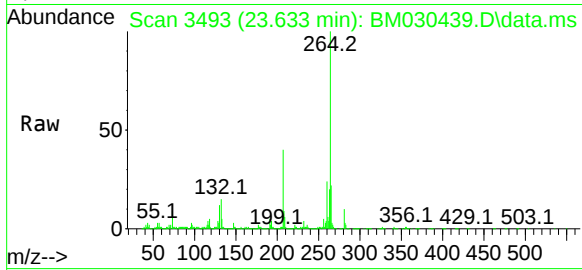
Tgt Ion:149 Resp: 656
Ion Ratio Lower Upper
149 100
167 70.9 1.3 1.9#
43 1253.7 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BM030439.D
Acq: 14 Jun 2021 16:33

Instrument :
BNA_M
ClientSampleId :
18-B12(178-182)RE



Tgt Ion:264 Resp: 826600

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	22.3	17.7	26.5

