

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
 Data File : BM030338.D
 Acq On : 09 Jun 2021 12:24
 Operator : CG/JU
 Sample : M2598-07RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 13

Quant Time: Jun 09 14:56:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 08 20:51:08 2021
 Response via : Initial Calibration

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

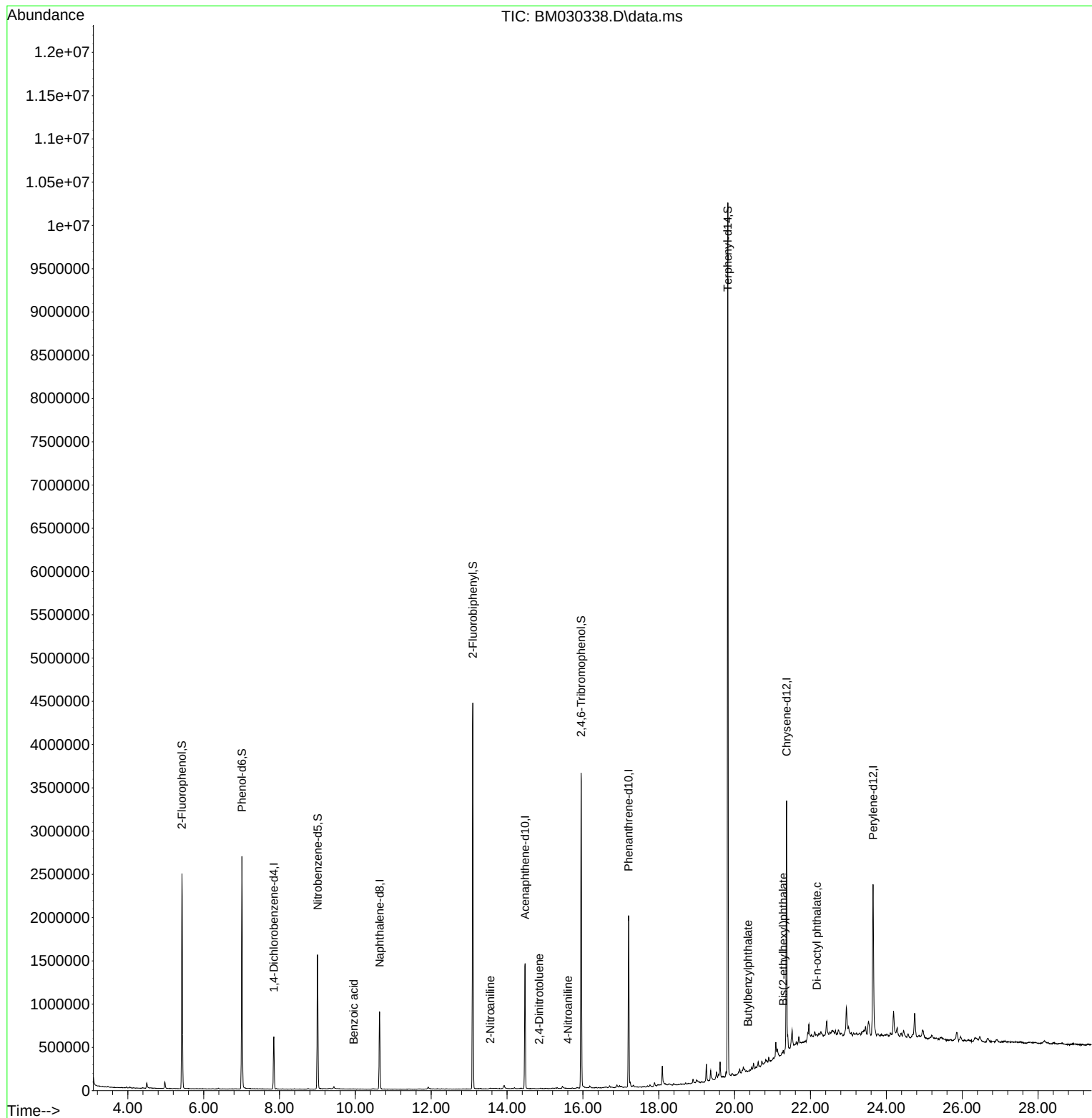
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	166731	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	726864	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	505802	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1192459	20.000	ng	# 0.00
76) Chrysene-d12	21.368	240	1315131	20.000	ng	0.00
86) Perylene-d12	23.650	264	1058777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1047365	102.120	ng	0.00
7) Phenol-d6	7.010	99	1415315	95.325	ng	0.00
23) Nitrobenzene-d5	9.004	82	875904	58.707	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	626324	98.489	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	2302639	59.867	ng	0.00
79) Terphenyl-d14	19.821	244	4453014	59.473	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.957	122	56	4.994	ng	# 1
48) 2-Nitroaniline	13.557	65	59	4.026	ng	# 4
57) 2,4-Dinitrotoluene	14.845	165	121	3.004	ng	# 24
62) 4-Nitroaniline	15.604	138	61	4.619	ng	# 10
80) Butylbenzylphthalate	20.350	149	561	4.318	ng	95
84) Bis(2-ethylhexyl)phtha...	21.280	149	15899	4.508	ng	100
85) Di-n-octyl phthalate	22.168	149	7017	4.232	ng	# 79

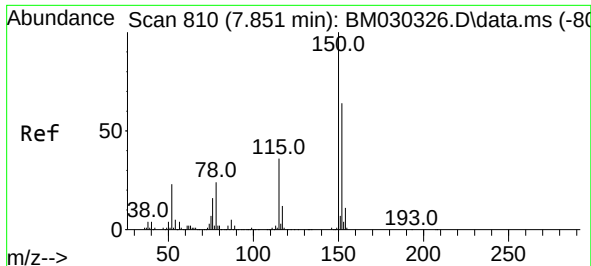
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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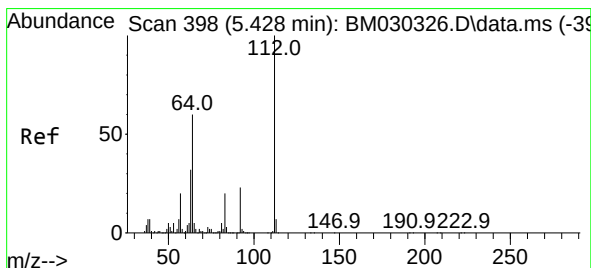
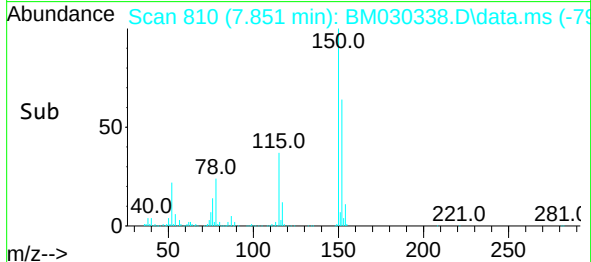
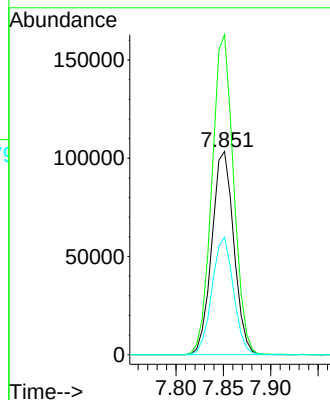
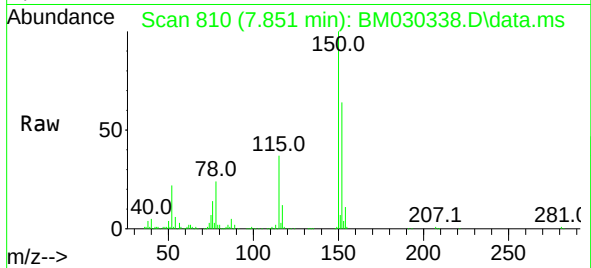




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

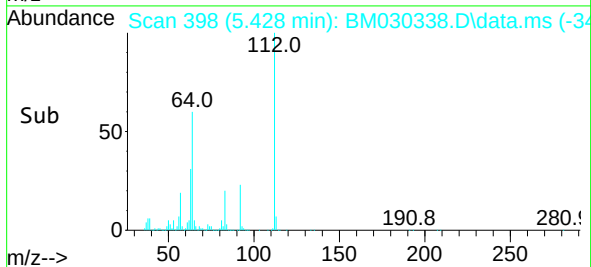
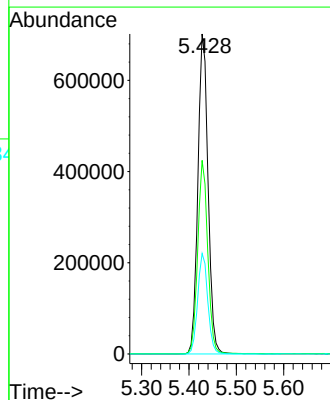
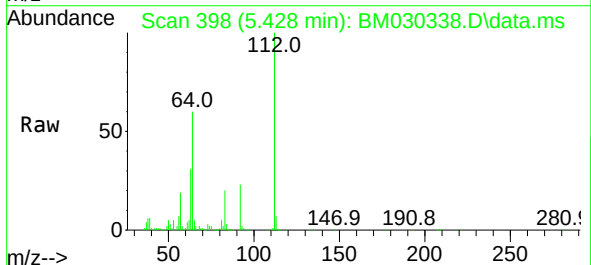
Instrument :
BNA_M
ClientSampled :
13

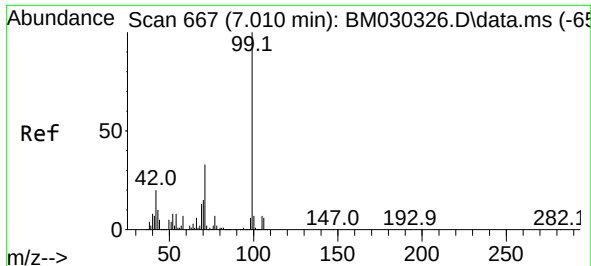
Tgt Ion:152 Resp: 166731
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 57.7 44.6 67.0



#5
2-Fluorophenol
Concen: 102.120 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion:112 Resp: 1047365
Ion Ratio Lower Upper
112 100
64 60.5 47.1 70.7
63 31.4 27.3 40.9

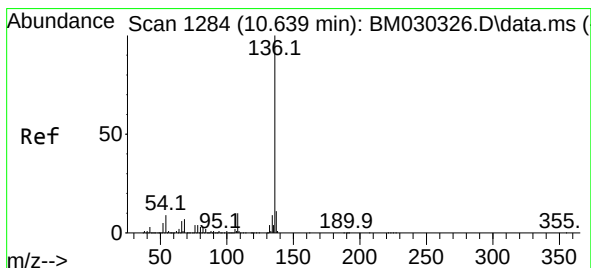
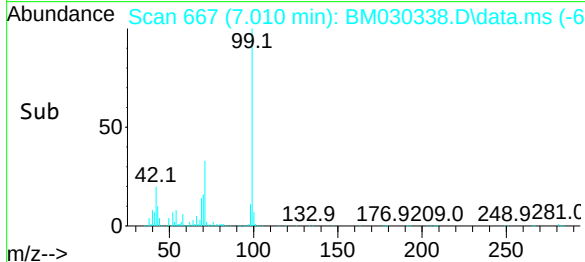
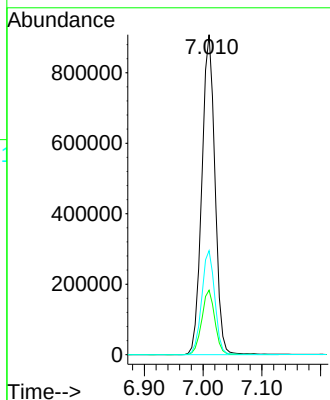
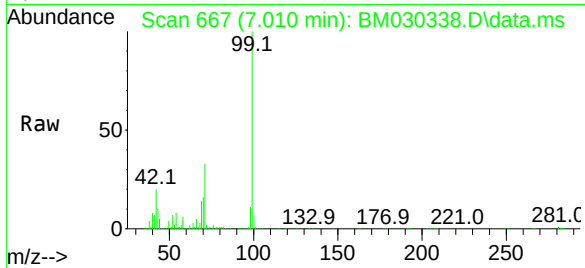




#7
Phenol-d6
Concen: 95.325 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

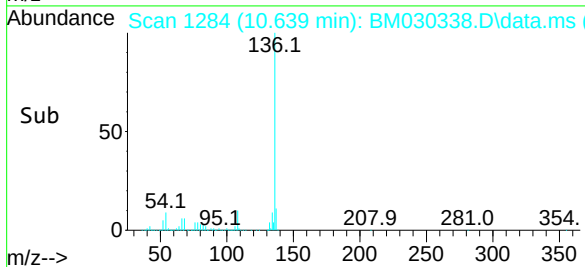
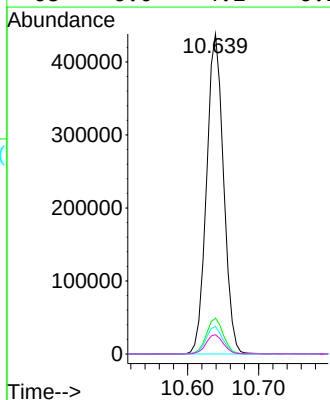
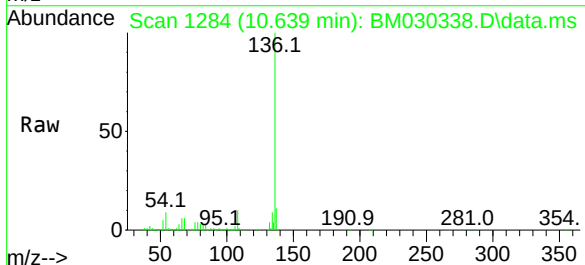
Instrument :
BNA_M
ClientSampleId :
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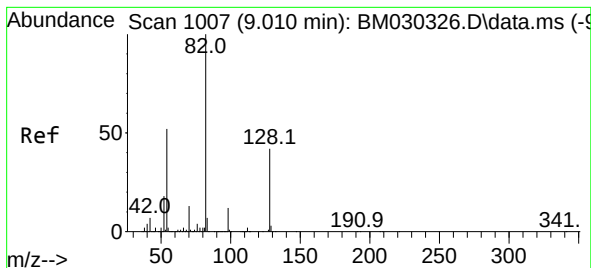
Tgt Ion: 99 Resp: 1415315
Ion Ratio Lower Upper
99 100
42 20.1 18.0 27.0
71 32.5 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion: 136 Resp: 726864
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.6 5.5 8.3#
68 6.0 4.2 6.2

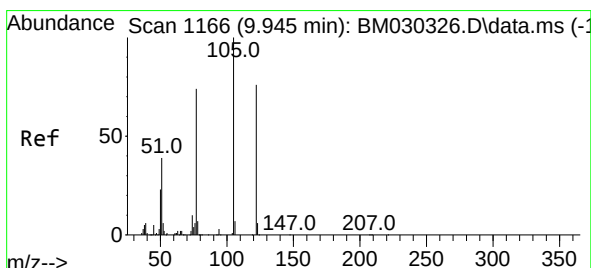
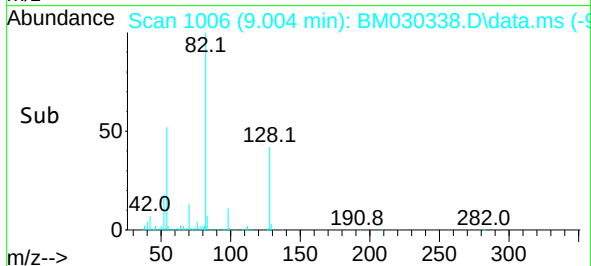
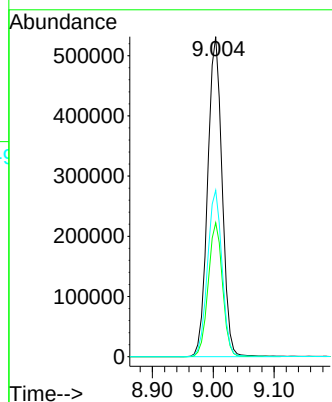
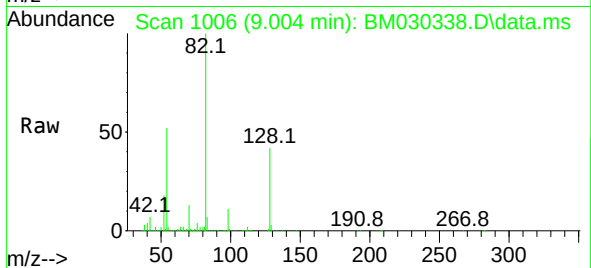




#23
Nitrobenzene-d5
Concen: 58.707 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

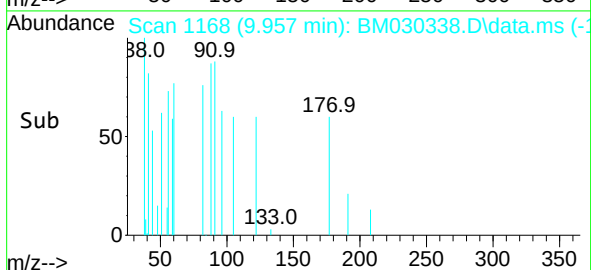
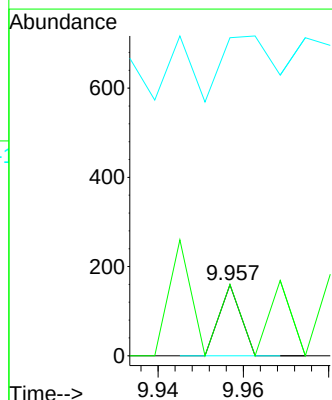
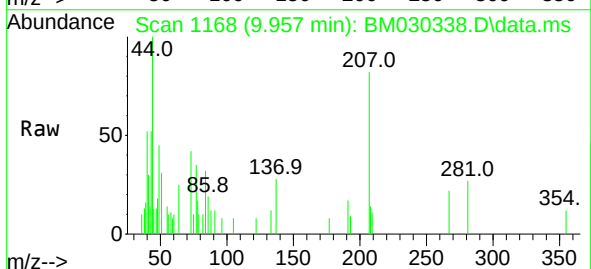
Instrument :
BNA_M
ClientSampleId :
13

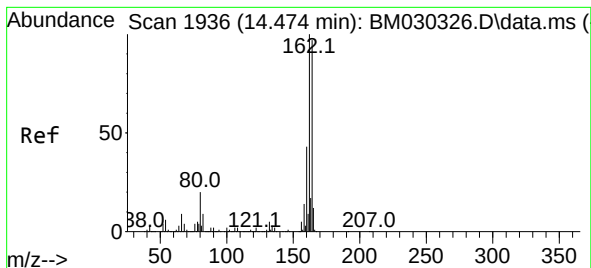
Tgt Ion: 82 Resp: 875904
Ion Ratio Lower Upper
82 100
128 41.8 31.1 46.7
54 52.0 37.3 55.9



#32
Benzoic acid
Concen: 4.994 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 100.6 107.3 147.3#
77 448.4 88.0 128.0#

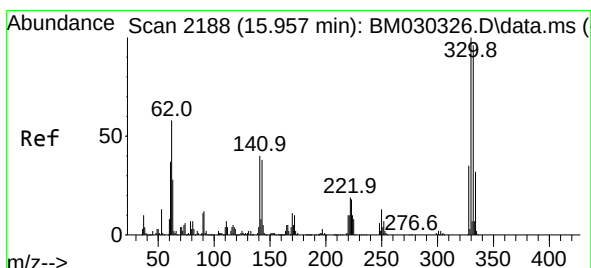
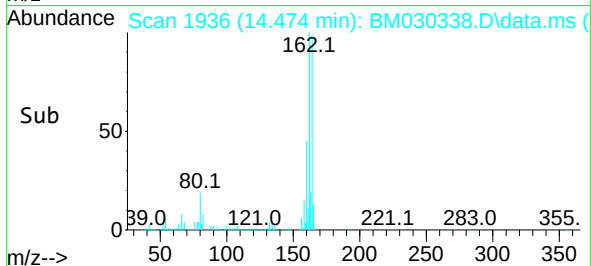
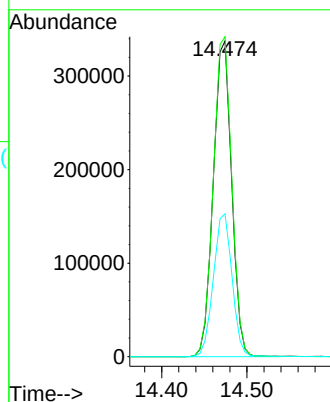
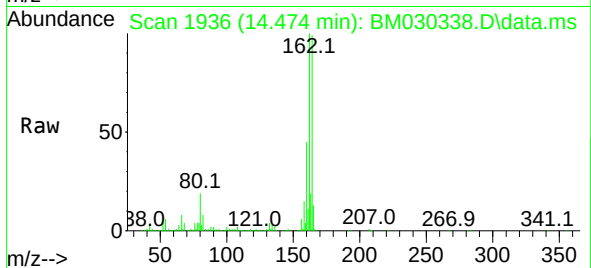




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

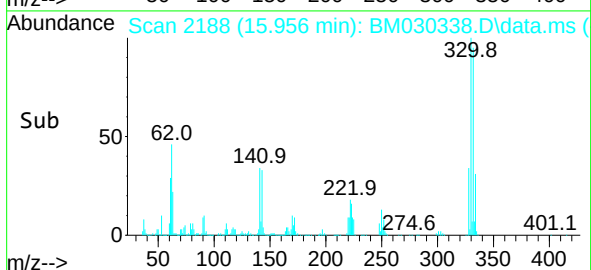
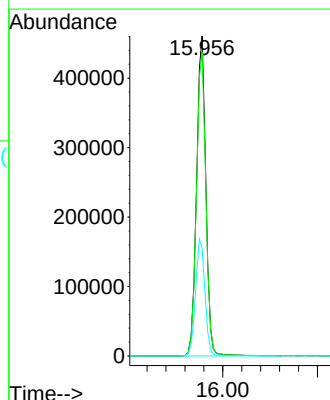
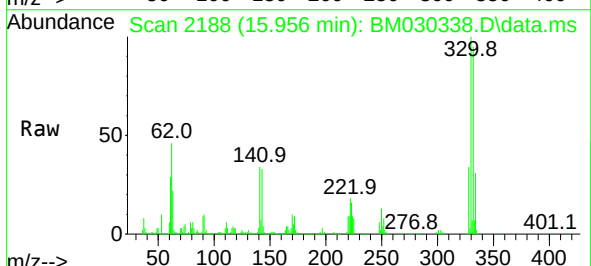
Instrument :
BNA_M
ClientSampleId :
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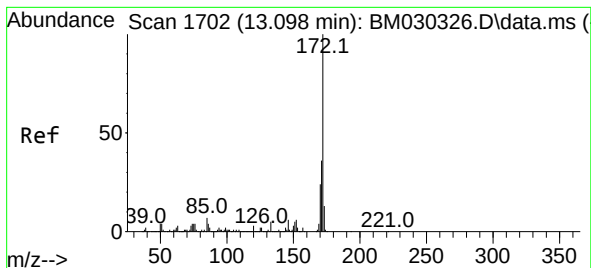
Tgt Ion:164 Resp: 505802
Ion Ratio Lower Upper
164 100
162 101.4 83.4 125.0
160 45.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 98.489 ng
RT: 15.956 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion:330 Resp: 626324
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 37.1 30.2 45.2

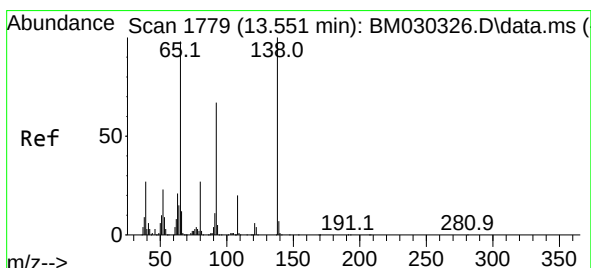
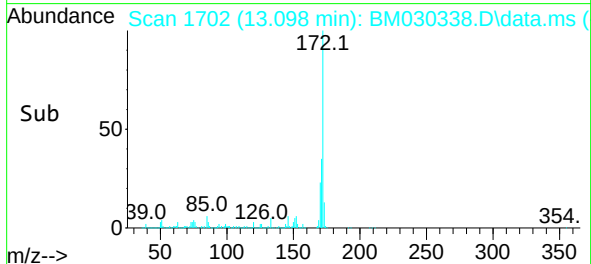
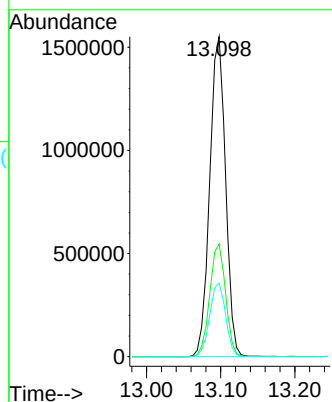
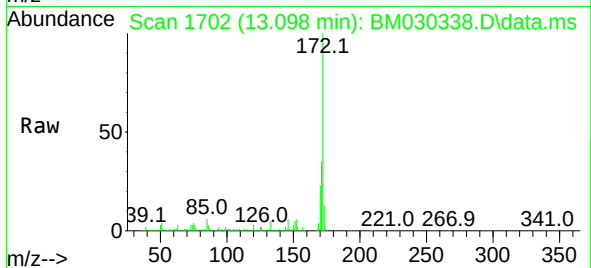




#45
2-Fluorobiphenyl
Concen: 59.867 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

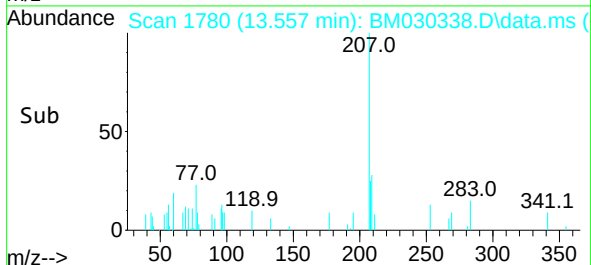
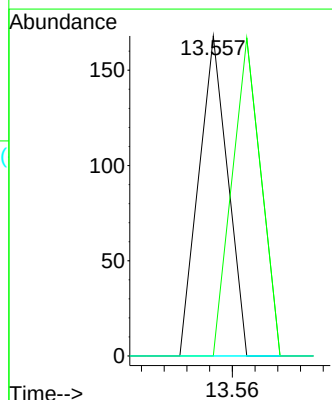
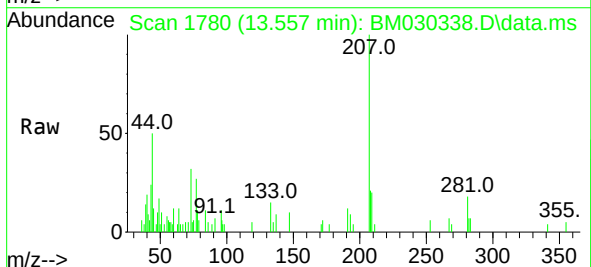
Instrument :
BNA_M
ClientSampleId :
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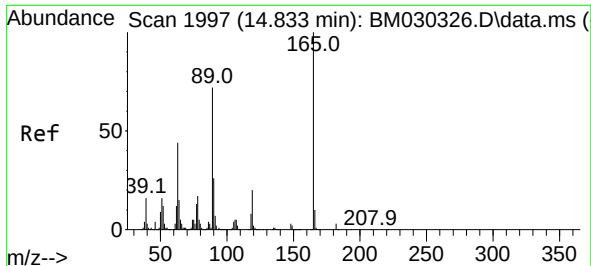
Tgt Ion:172 Resp: 2302639
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.0 18.4 27.6



#48
2-Nitroaniline
Concen: 4.026 ng
RT: 13.557 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

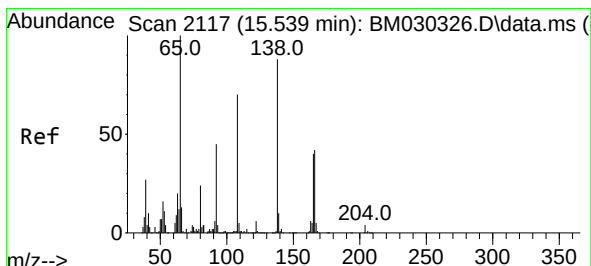
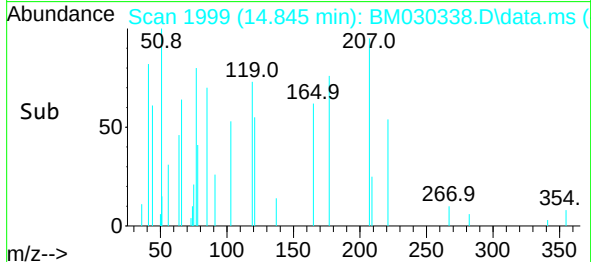
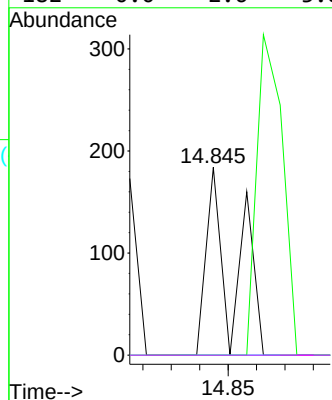
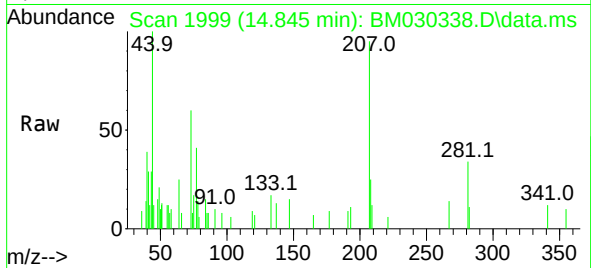




#57
2,4-Dinitrotoluene
Concen: 3.004 ng
RT: 14.845 min Scan# 1999
Delta R.T. 0.012 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

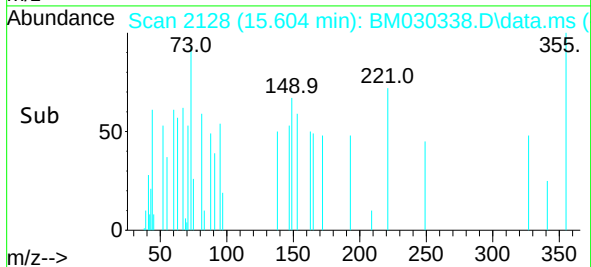
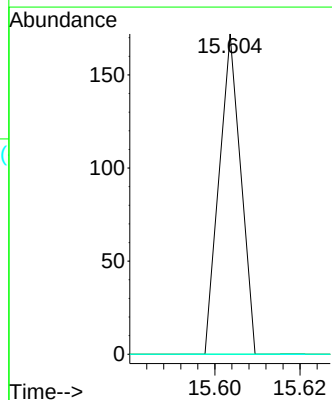
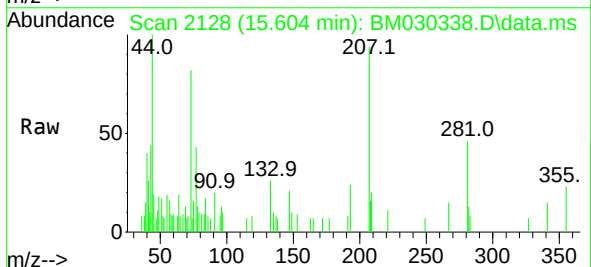
Instrument :
BNA_M
ClientSampled :
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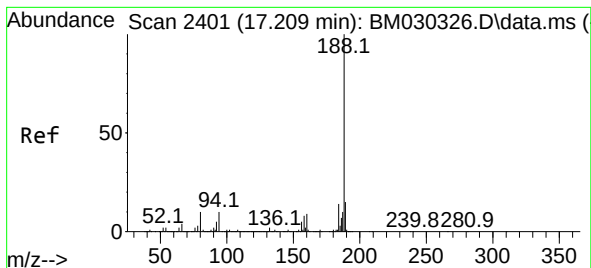
Tgt Ion:	165	Resp:	121
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	55.2	82.8#
182	0.0	2.6	3.8#



#62
4-Nitroaniline
Concen: 4.619 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.065 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion:	138	Resp:	61
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: 17.203 min Scan# 2400

Delta R.T. -0.006 min

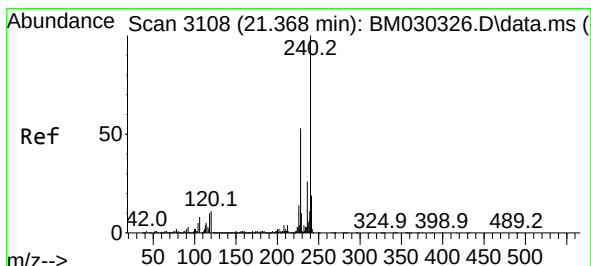
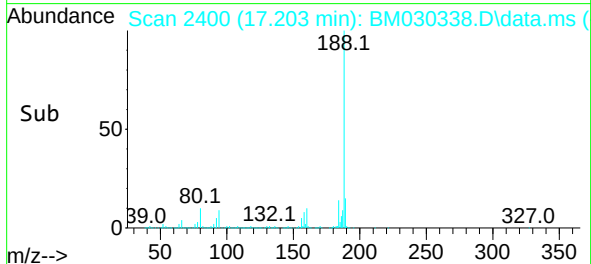
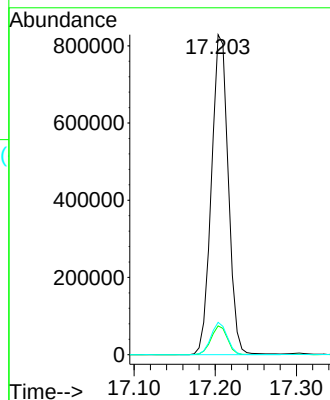
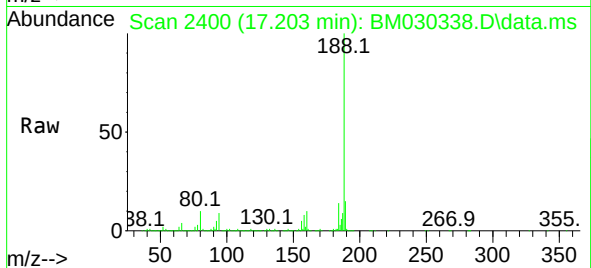
Lab File: BM030338.D

Acq: 09 Jun 2021 12:24

Tgt Ion:188 Resp: 1192459

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.0	9.0
80	10.1	6.6	9.8#

Instrument :
BNA_M
ClientSampled :
13



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.368 min Scan# 3108

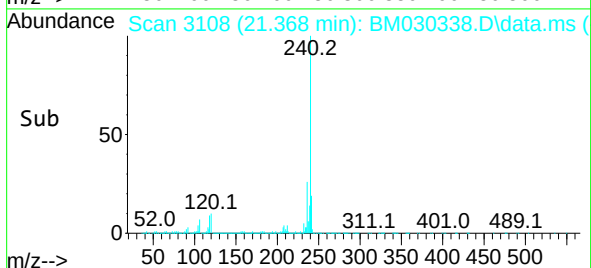
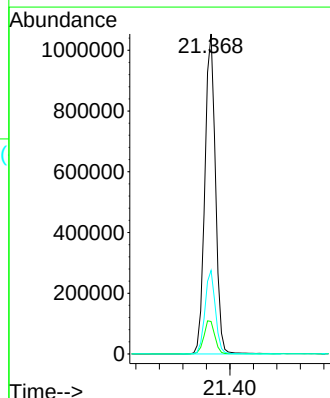
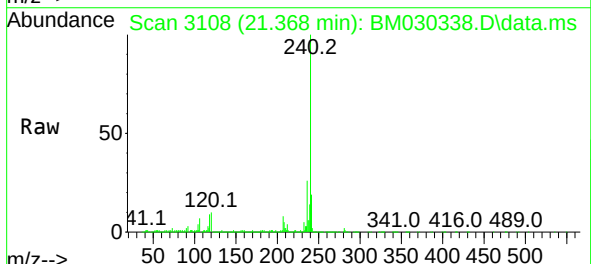
Delta R.T. -0.000 min

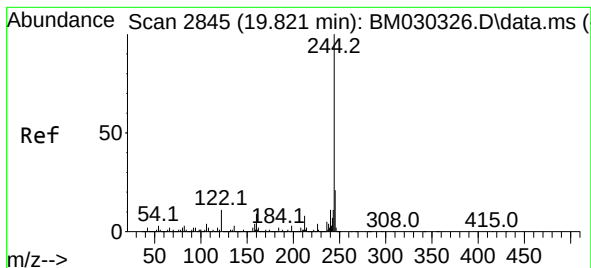
Lab File: BM030338.D

Acq: 09 Jun 2021 12:24

Tgt Ion:240 Resp: 1315131

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.0	10.6
236	26.1	21.0	31.4





#79

Terphenyl-d14

Concen: 59.473 ng

RT: 19.821 min Scan# 2845

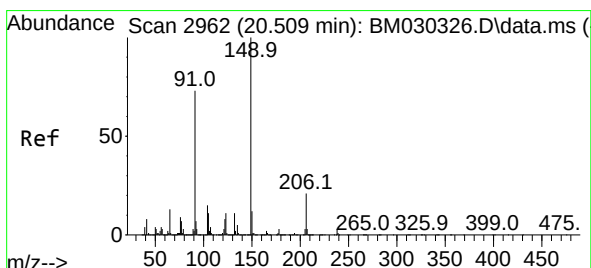
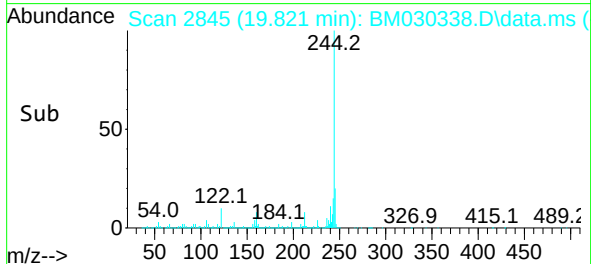
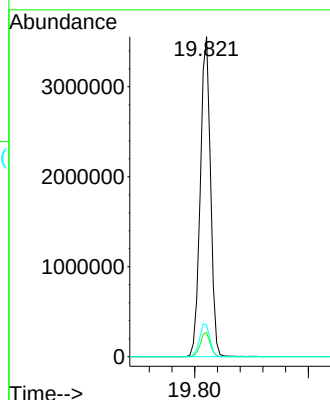
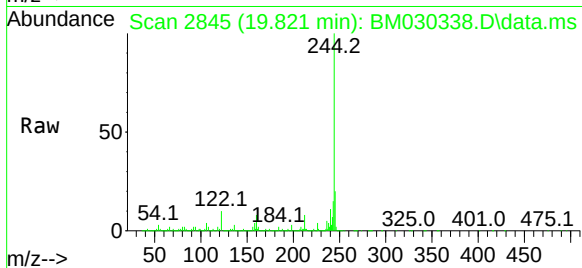
Delta R.T. -0.000 min

Lab File: BM030338.D

Acq: 09 Jun 2021 12:24

Tgt Ion:244 Resp: 4453014

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	9.9	6.9	10.3



#80

Butylbenzylphthalate

Concen: 4.318 ng

RT: 20.350 min Scan# 2935

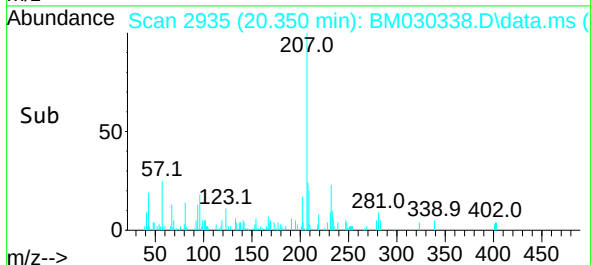
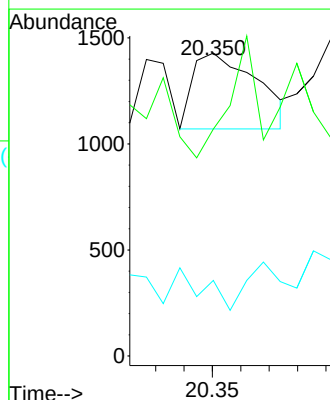
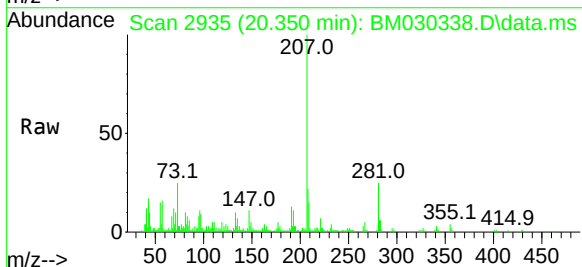
Delta R.T. -0.159 min

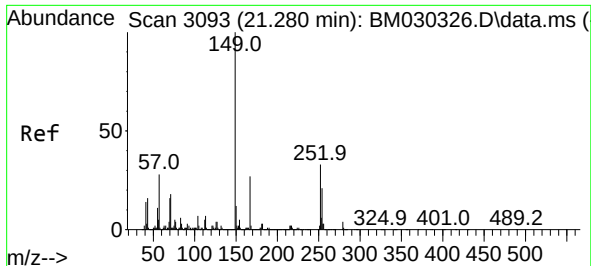
Lab File: BM030338.D

Acq: 09 Jun 2021 12:24

Tgt Ion:149 Resp: 561

Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.4	86.0
206	24.9	16.6	25.0

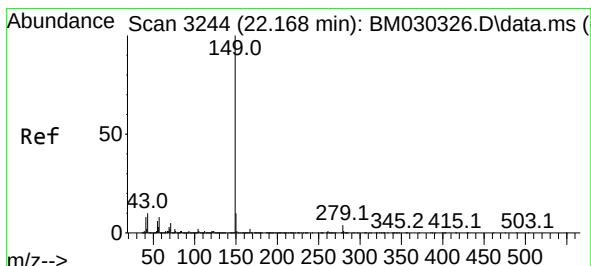
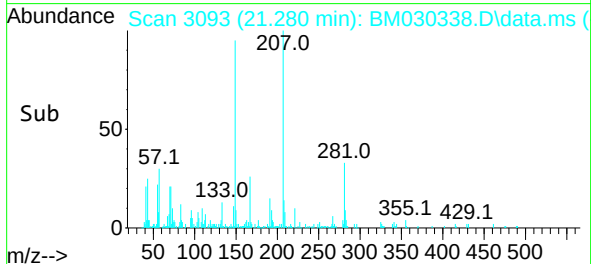
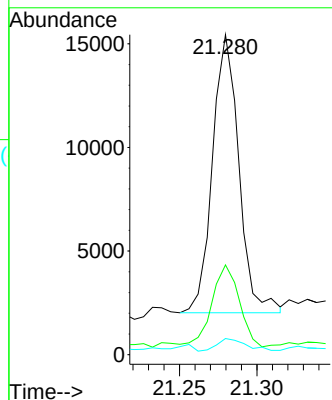
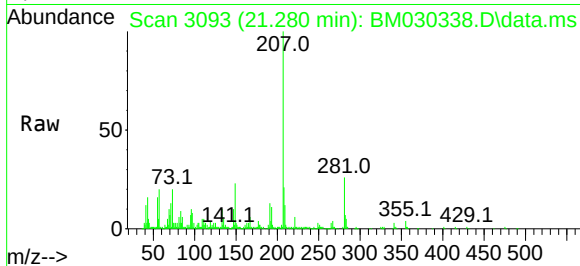




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.508 ng
RT: 21.280 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

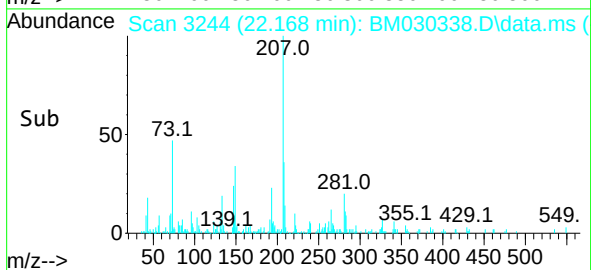
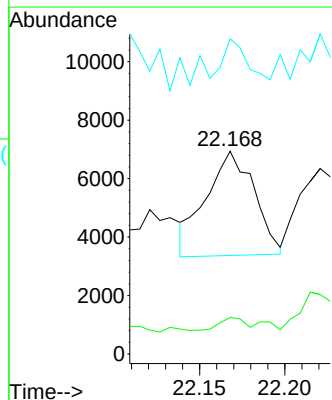
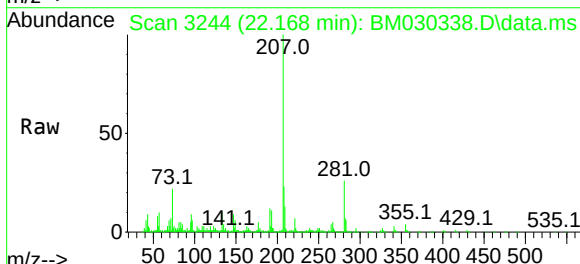
Instrument :
BNA_M
ClientSampleId :
13

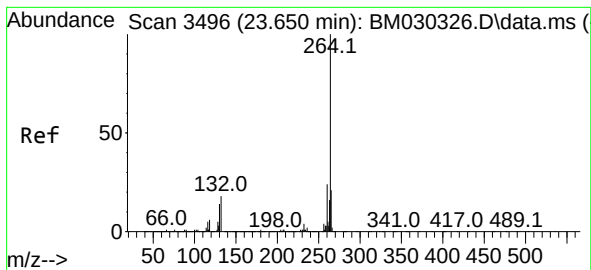
Tgt Ion:149 Resp: 15899
Ion Ratio Lower Upper
149 100
167 28.1 22.6 33.8
279 5.0 3.8 5.8



#85
Di-n-octyl phthalate
Concen: 4.232 ng
RT: 22.168 min Scan# 3244
Delta R.T. -0.000 min
Lab File: BM030338.D
Acq: 09 Jun 2021 12:24

Tgt Ion:149 Resp: 7017
Ion Ratio Lower Upper
149 100
167 6.4 1.3 1.9#
43 17.6 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.650 min Scan# 3496
 Delta R.T. -0.000 min
 Lab File: BM030338.D
 Acq: 09 Jun 2021 12:24

Instrument :
 BNA_M
 ClientSampleId :
 13

Tgt Ion:264 Resp: 1058777
 Ion Ratio Lower Upper
 264 100
 260 26.7 19.8 29.8
 265 21.5 17.7 26.5

