

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030441.D
 Acq On : 14 Jun 2021 17:46
 Operator : CG/JU
 Sample : M2687-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 17-B6(108-112)

Quant Time: Jun 14 18:45:15 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)

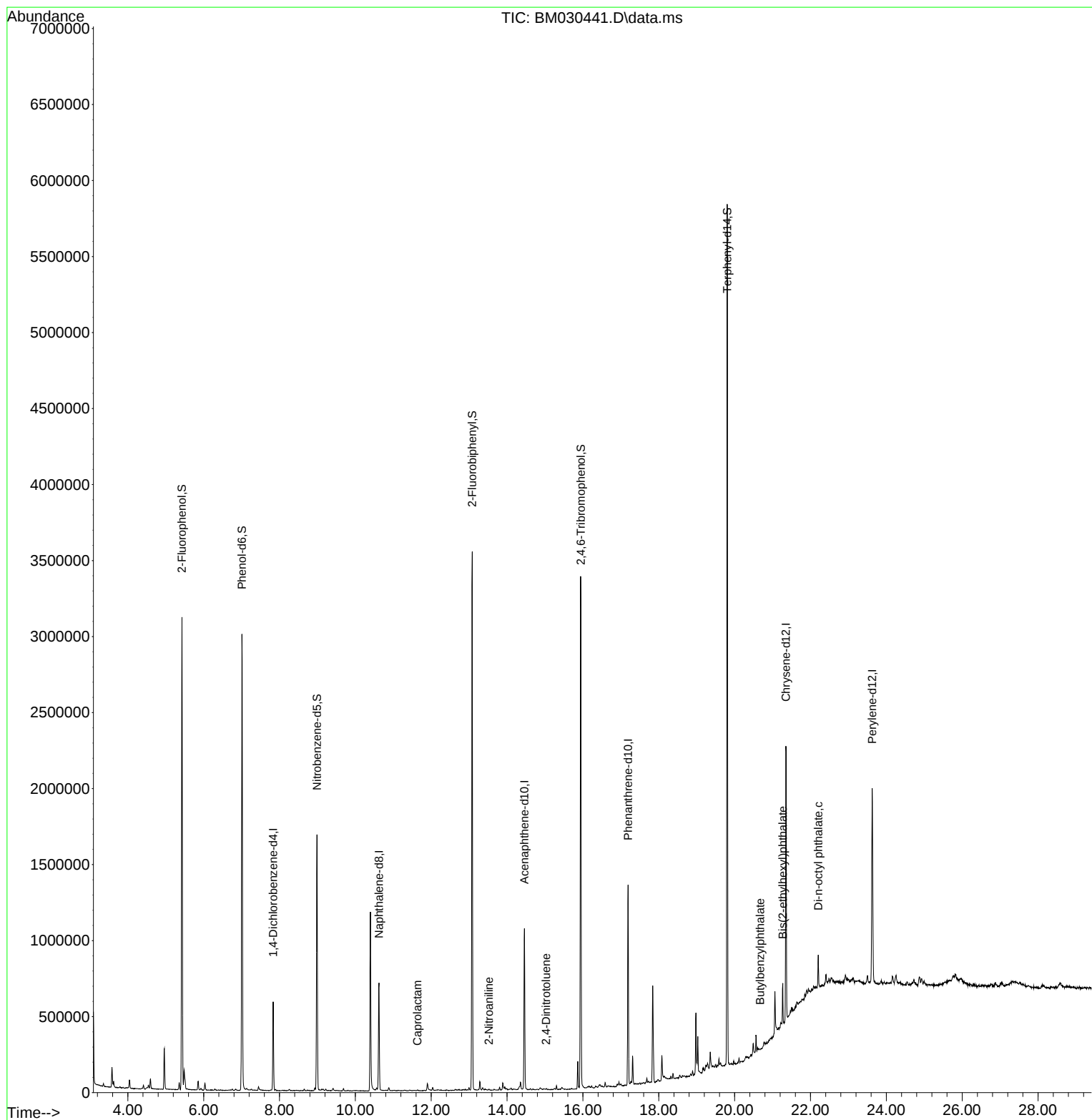
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	158021	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	591761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	369461	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	797469	20.000	ng	0.00
76) Chrysene-d12	21.350	240	868533	20.000	ng	0.00
86) Perylene-d12	23.627	264	938212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1286256	132.325	ng	0.01
7) Phenol-d6	7.010	99	1675676	119.082	ng	0.01
23) Nitrobenzene-d5	8.987	82	951658	78.347	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	617371	132.907	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1825948	64.993	ng	0.00
79) Terphenyl-d14	19.804	244	2561247	51.796	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	11.633	113	136	6.007	ng	# 6
48) 2-Nitroaniline	13.522	65	132	4.037	ng	# 4
57) 2,4-Dinitrotoluene	15.027	165	376	3.034	ng	# 63
80) Butylbenzylphthalate	20.674	149	205	4.313	ng	89
84) Bis(2-ethylhexyl)phtha...	21.268	149	93214	6.345	ng	99
85) Di-n-octyl phthalate	22.203	149	26304	4.545	ng	# 1

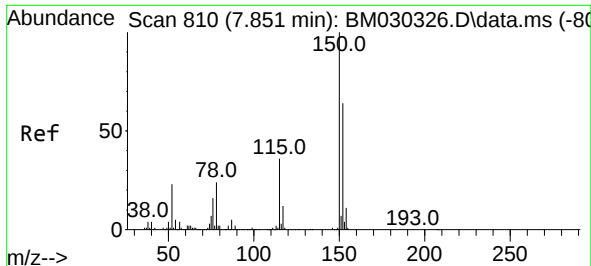
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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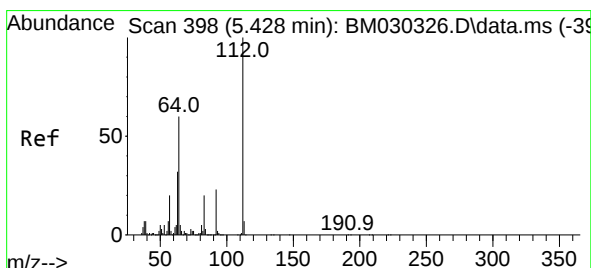
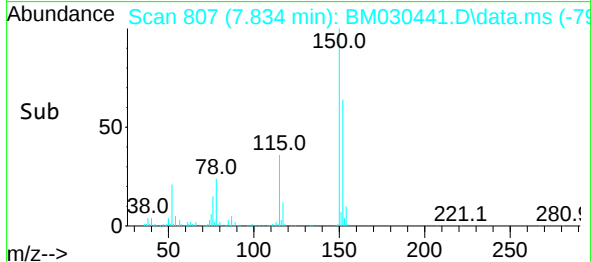
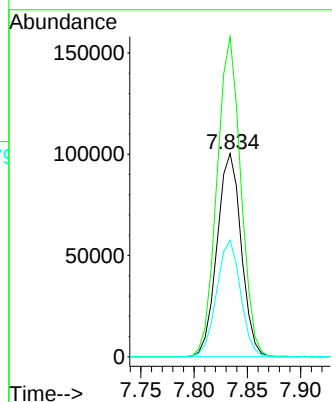
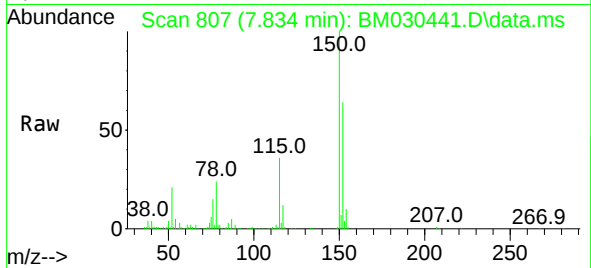




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

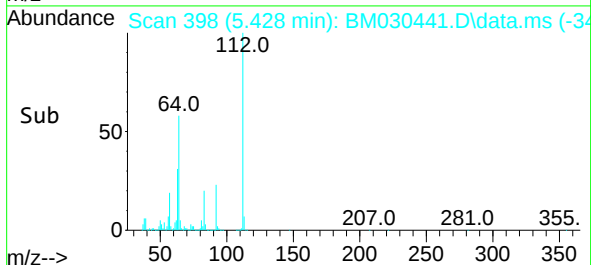
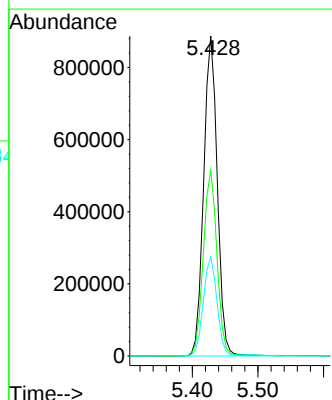
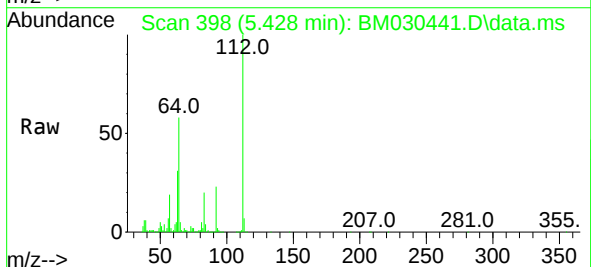
Instrument :
BNA_M
ClientSampleId :
17-B6(108-112)

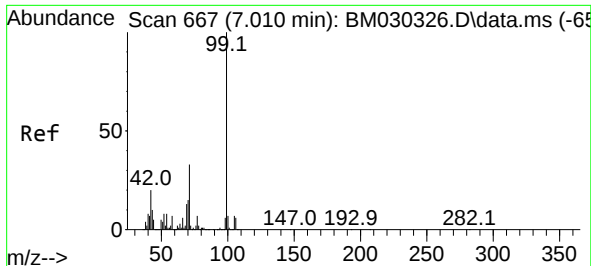
Tgt Ion:152 Resp: 158021
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 57.3 44.6 67.0



#5
2-Fluorophenol
Concen: 132.325 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.012 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion:112 Resp: 1286256
Ion Ratio Lower Upper
112 100
64 58.1 47.1 70.7
63 31.0 27.3 40.9



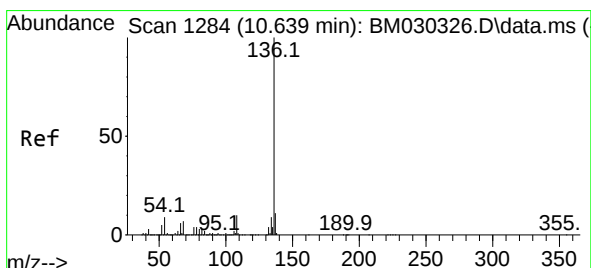
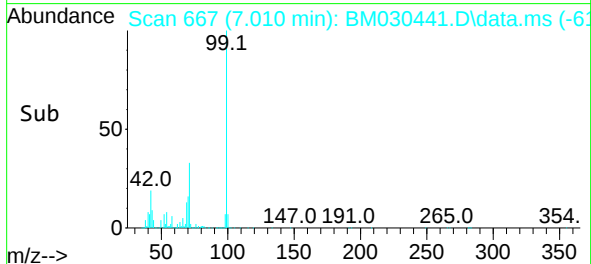
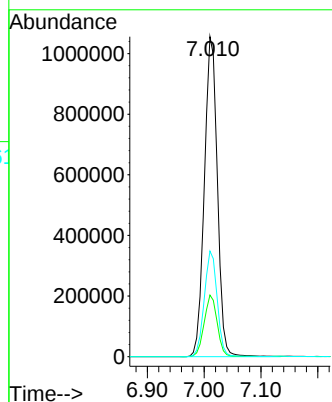
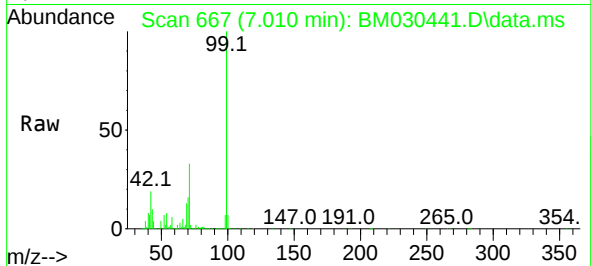


#7
Phenol-d6
Concen: 119.082 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.012 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Instrument :
BNA_M
ClientSampleId :
17-B6(108-112)

Tgt Ion: 99 Resp: 1675676

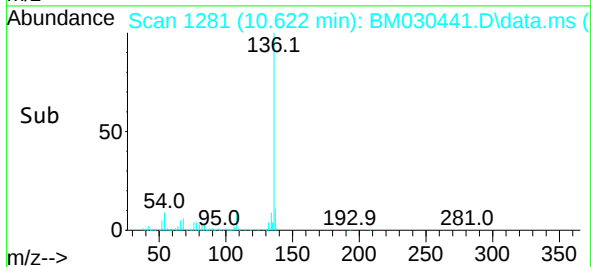
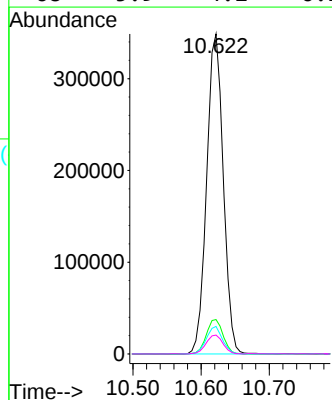
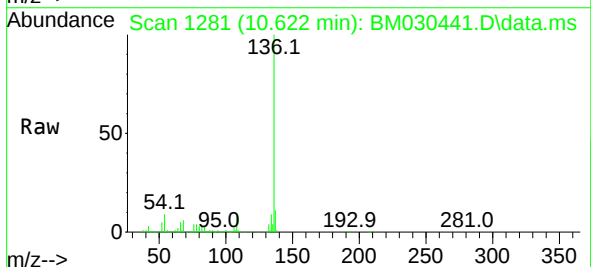
Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.0	27.0
71	33.0	30.9	46.3

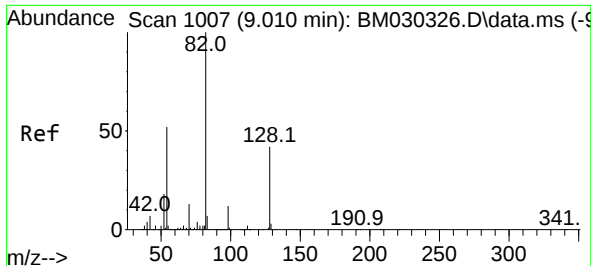


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion: 136 Resp: 591761

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.6	5.5	8.3#
68	5.9	4.2	6.2

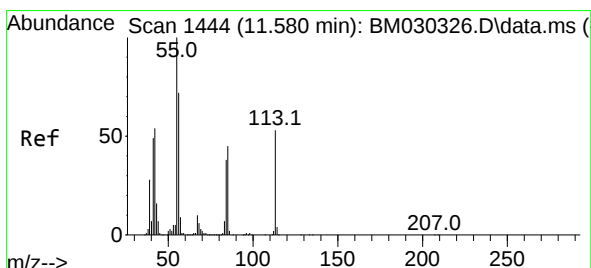
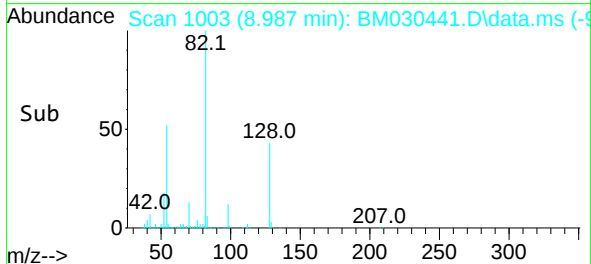
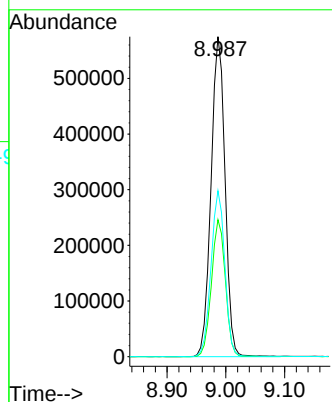
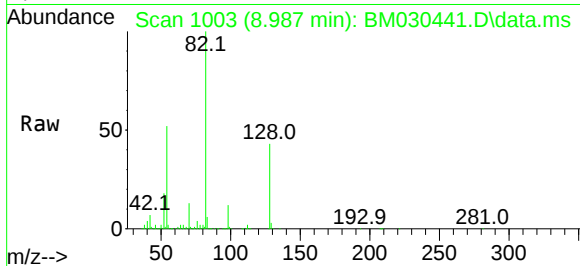




#23
Nitrobenzene-d5
Concen: 78.347 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

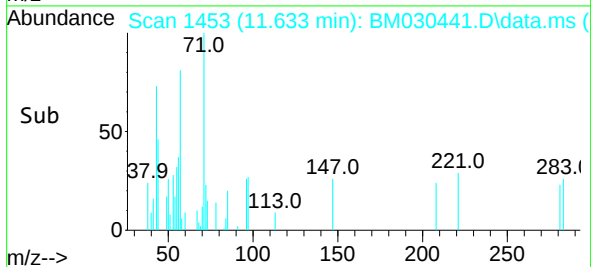
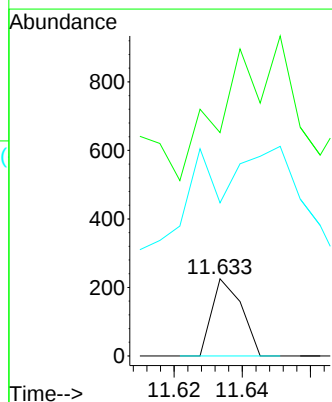
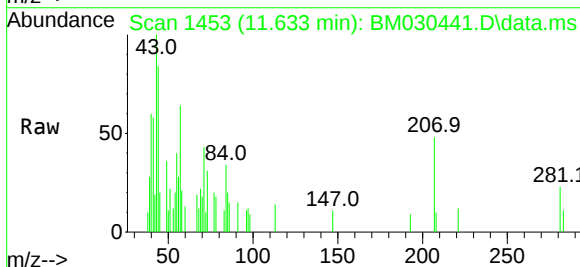
Instrument :
BNA_M
ClientSampleId :
17-B6(108-112)

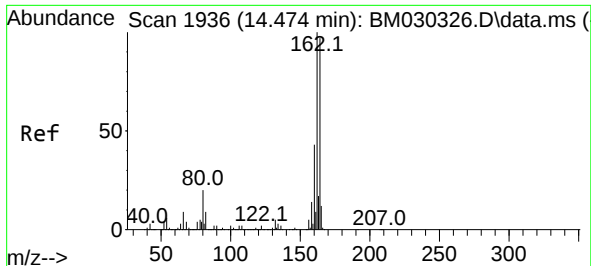
Tgt Ion: 82 Resp: 951658
Ion Ratio Lower Upper
82 100
128 42.8 31.1 46.7
54 51.8 37.3 55.9



#35
Caprolactam
Concen: 6.007 ng
RT: 11.633 min Scan# 1453
Delta R.T. 0.065 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion: 113 Resp: 136
Ion Ratio Lower Upper
113 100
55 289.8 132.0 172.0#
56 198.7 96.3 136.3#

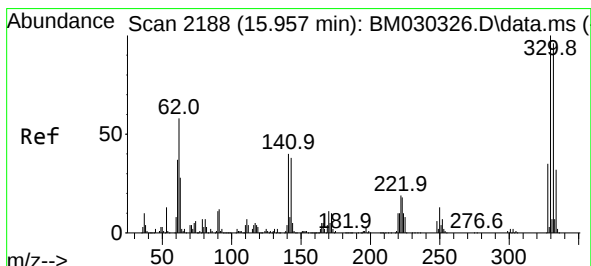
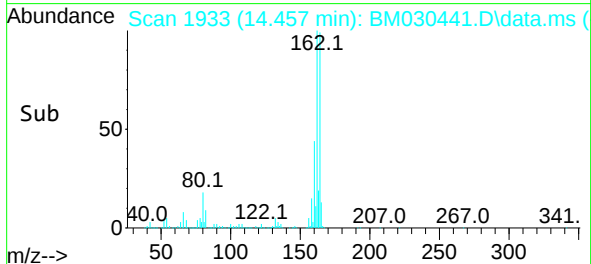
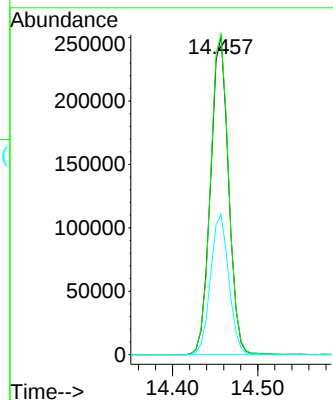
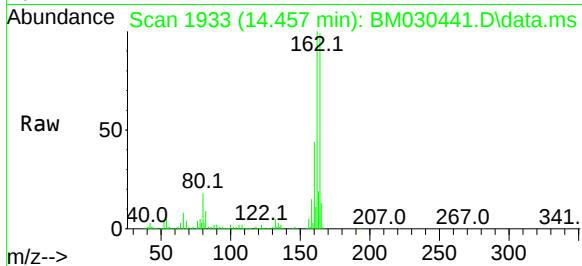




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

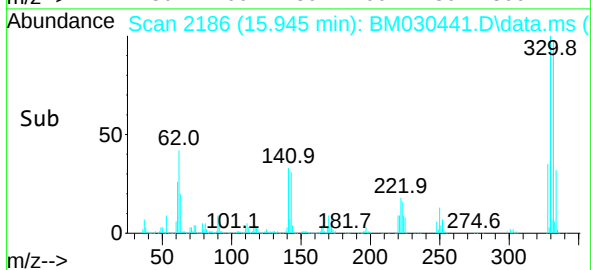
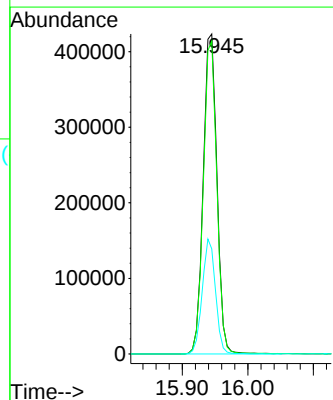
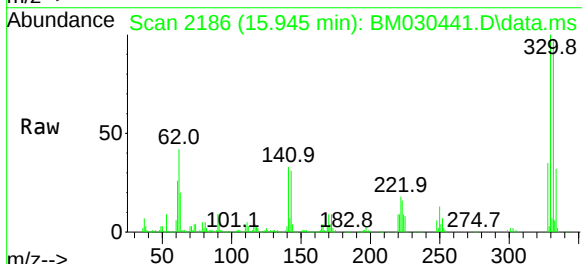
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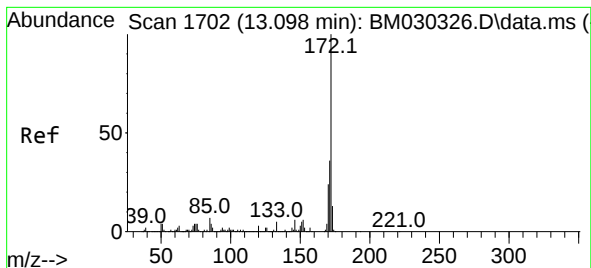
Tgt Ion:164 Resp: 369461
Ion Ratio Lower Upper
164 100
162 100.6 83.4 125.0
160 44.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 132.907 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion:330 Resp: 617371
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 34.7 30.2 45.2

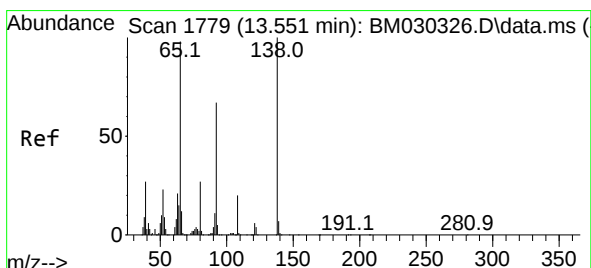
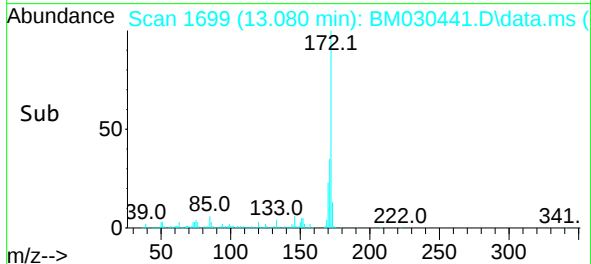
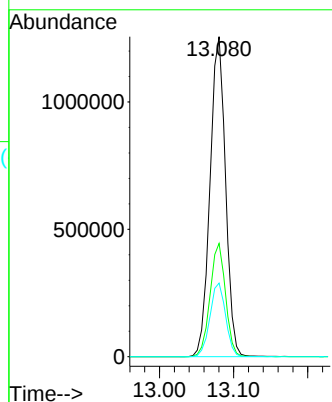
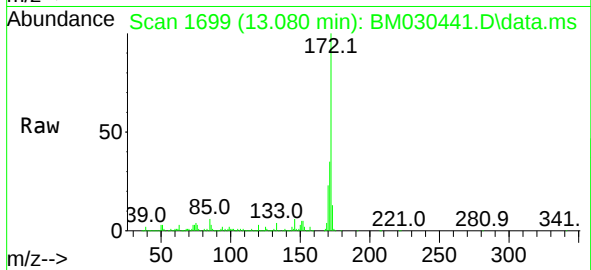




#45
2-Fluorobiphenyl
Concen: 64.993 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

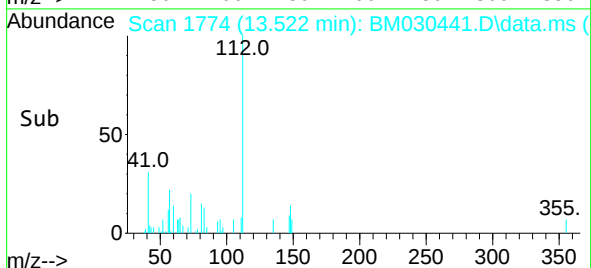
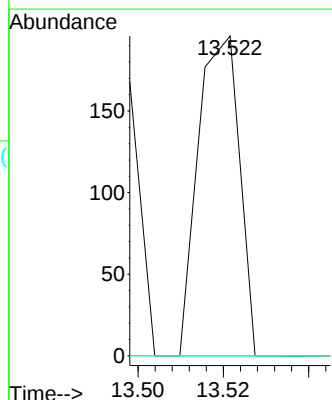
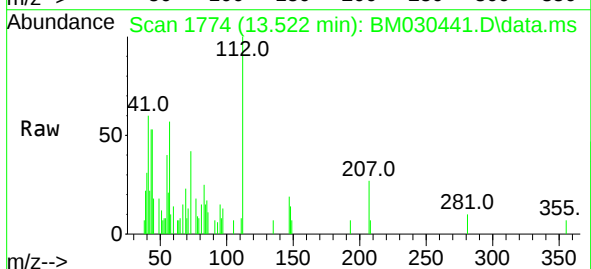
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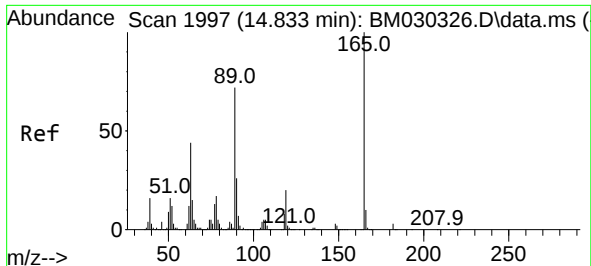
Tgt Ion:172 Resp: 1825948
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.0 18.4 27.6



#48
2-Nitroaniline
Concen: 4.037 ng
RT: 13.522 min Scan# 1774
Delta R.T. -0.018 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion: 65 Resp: 132
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

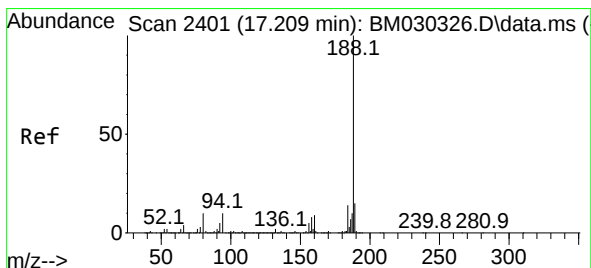
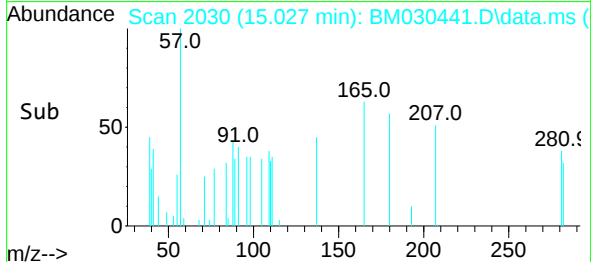
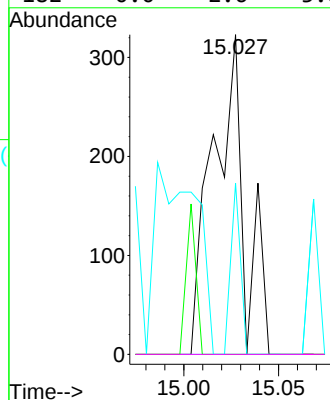
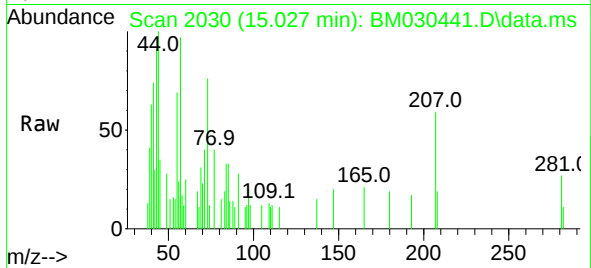




#57
2,4-Dinitrotoluene
Concen: 3.034 ng
RT: 15.027 min Scan# 2030
Delta R.T. 0.206 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

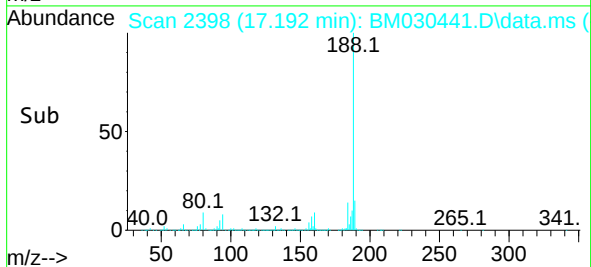
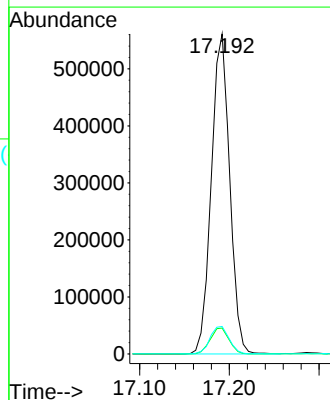
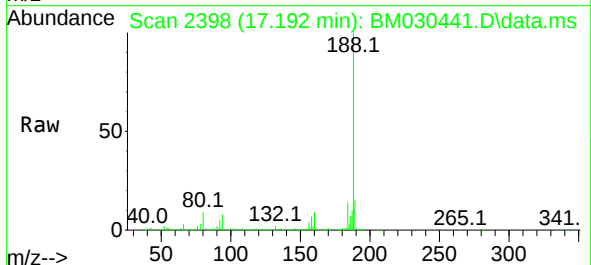
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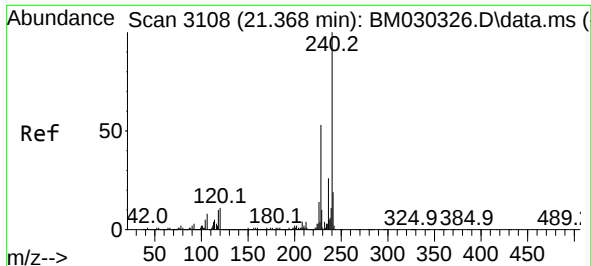
Tgt Ion:	165	Resp:	376
Ion Ratio	Lower	Upper	
165	100		
63	0.0	35.0	52.4#
89	53.6	55.2	82.8#
182	0.0	2.6	3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion:	188	Resp:	797469
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.0	9.0
80	8.6	6.6	9.8

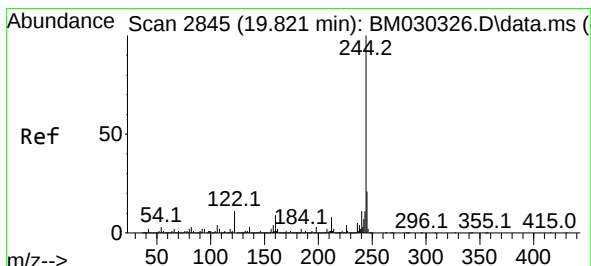
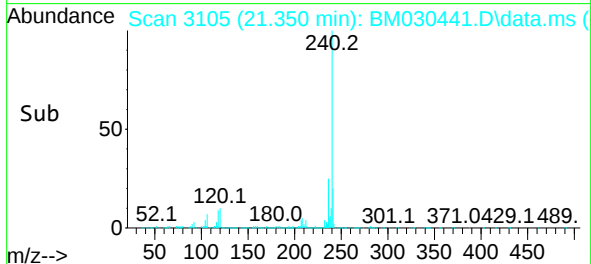
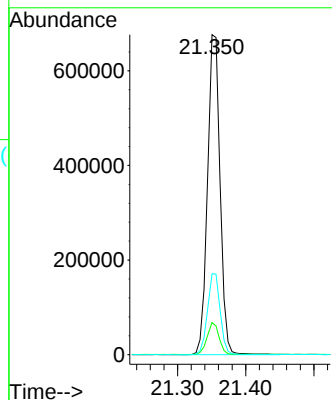
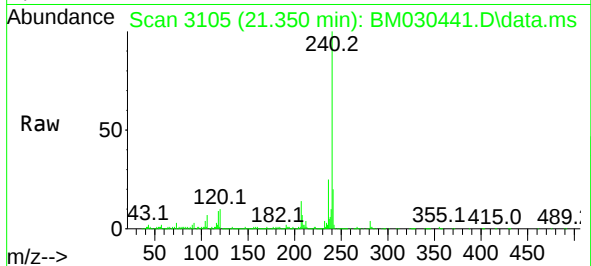




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

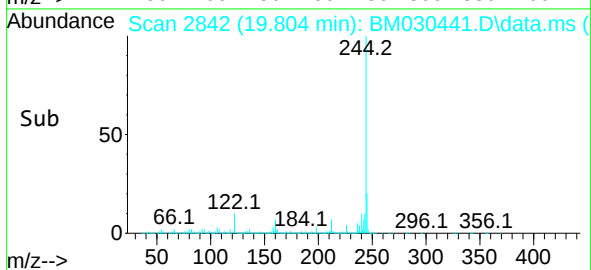
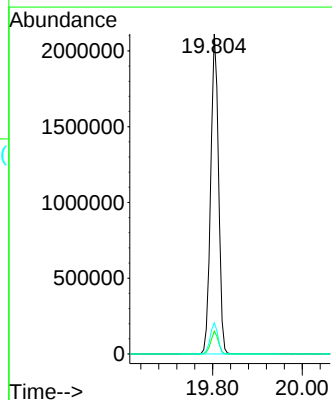
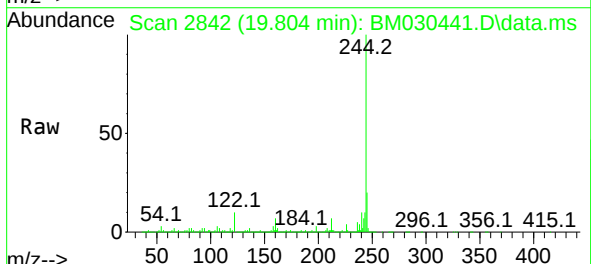
Instrument :
BNA_M
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17-B6(108-112)

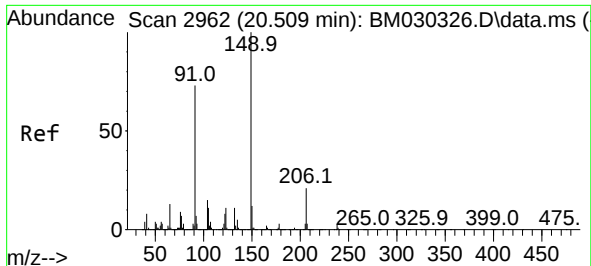
Tgt Ion:240 Resp: 868533
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.3 21.0 31.4



#79
Terphenyl-d14
Concen: 51.796 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion:244 Resp: 2561247
Ion Ratio Lower Upper
244 100
212 7.1 6.3 9.5
122 9.7 6.9 10.3

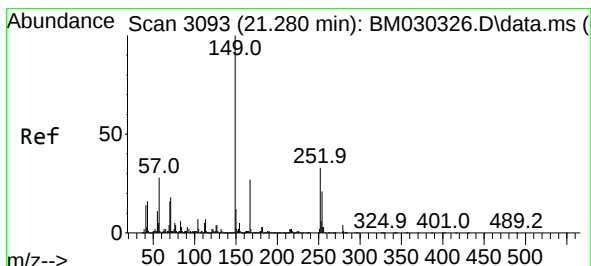
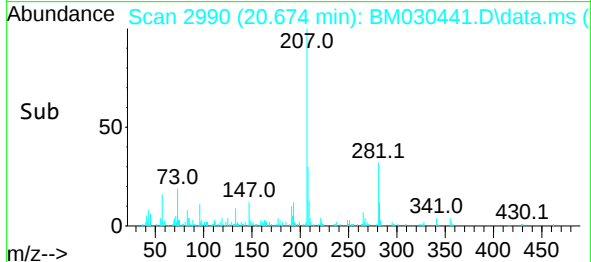
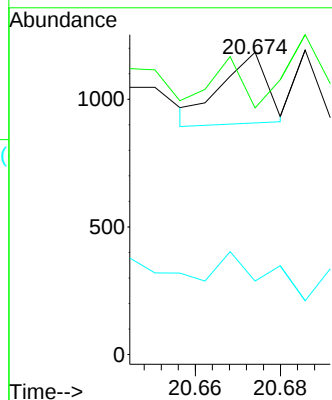
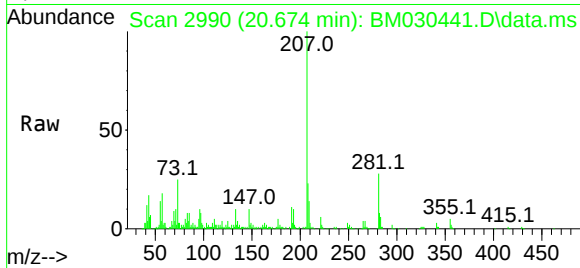




#80
Butylbenzylphthalate
Concen: 4.313 ng
RT: 20.674 min Scan# 2990
Delta R.T. 0.176 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

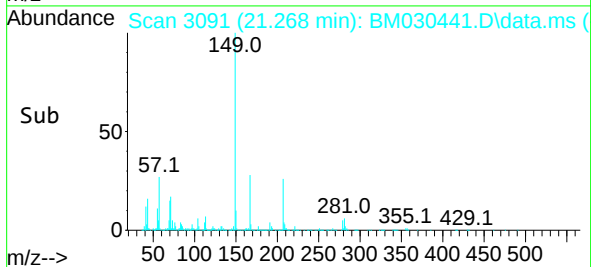
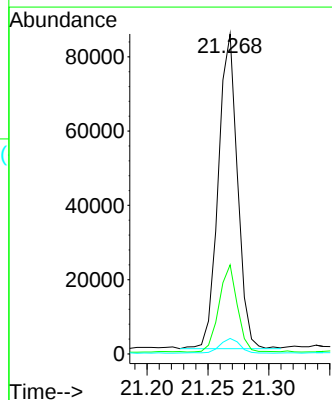
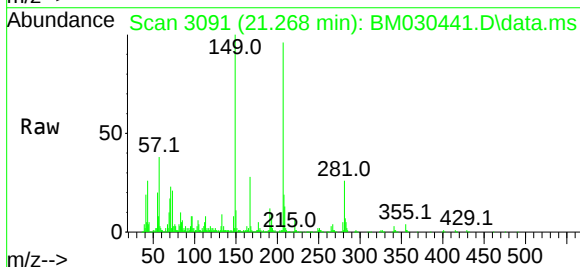
Instrument :
BNA_M
ClientSampleId :
17-B6(108-112)

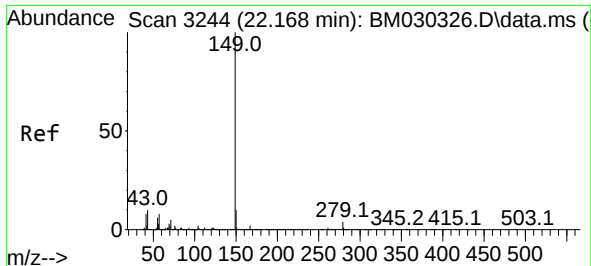
Tgt Ion:149 Resp: 205
Ion Ratio Lower Upper
149 100
91 81.6 57.4 86.0
206 24.3 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.345 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion:149 Resp: 93214
Ion Ratio Lower Upper
149 100
167 27.9 22.6 33.8
279 4.9 3.8 5.8

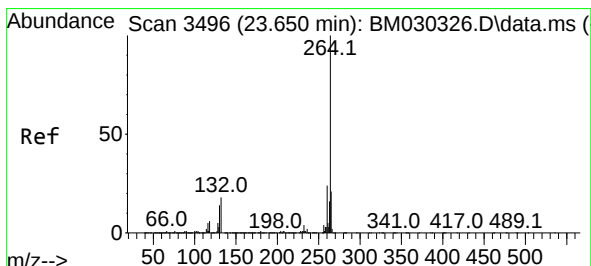
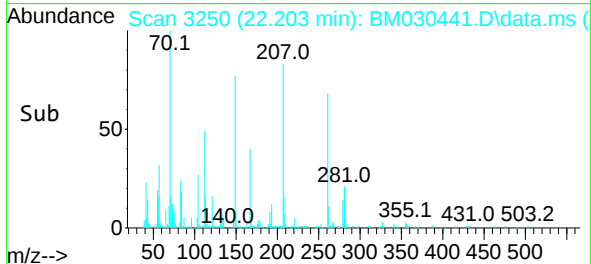
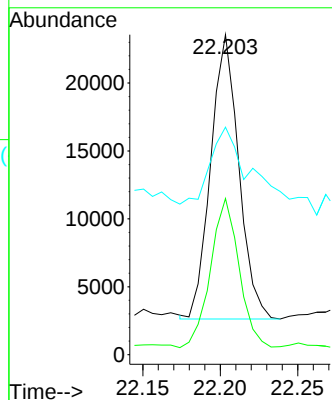
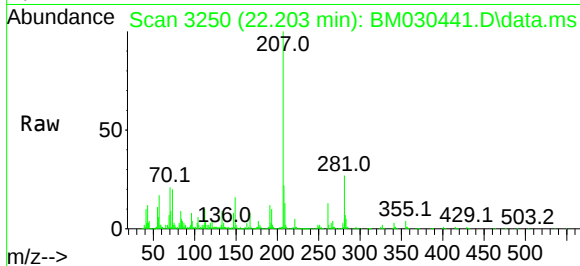




#85
Di-n-octyl phthalate
Concen: 4.545 ng
RT: 22.203 min Scan# 3250
Delta R.T. 0.047 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Instrument :
BNA_M
ClientSampleId :
17-B6(108-112)

Tgt Ion:149 Resp: 26304
Ion Ratio Lower Upper
149 100
167 53.6 1.3 1.9#
43 52.4 7.4 11.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM030441.D
Acq: 14 Jun 2021 17:46

Tgt Ion:264 Resp: 938212
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 22.3 17.7 26.5

