

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030383.D
 Acq On : 10 Jun 2021 20:29
 Operator : CG/JU
 Sample : M2613-24
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(126-130)

Quant Time: Jun 11 07:53:48 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)

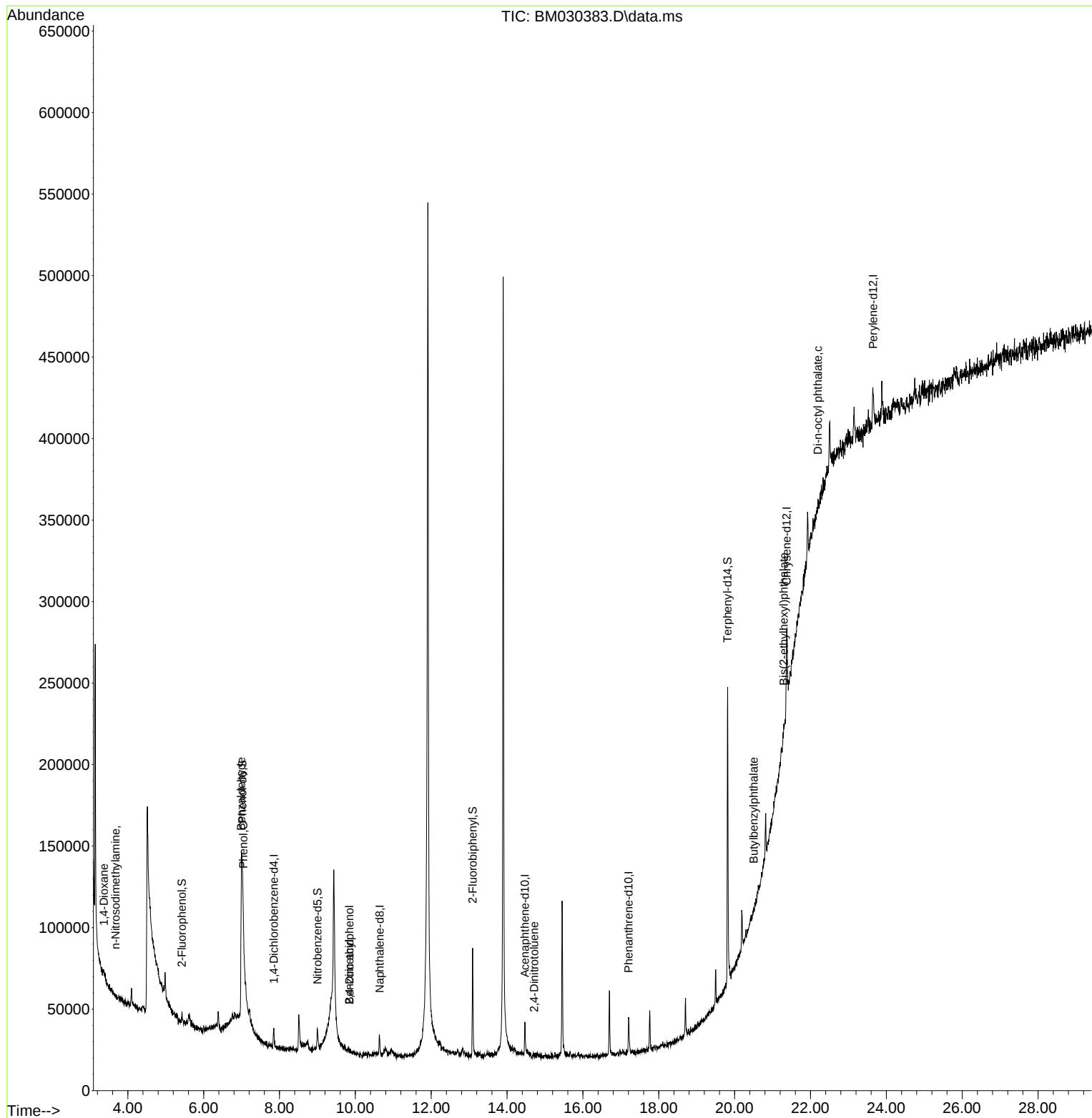
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3448	20.00	ng	0.00
21) Naphthalene-d8	10.639	136	11232	20.00	ng	# 0.00
39) Acenaphthene-d10	14.468	164	7295	20.00	ng	0.00
64) Phenanthrene-d10	17.204	188	17961	20.00	ng	# 0.00
76) Chrysene-d12	21.368	240	20765	20.00	ng	# 0.00
86) Perylene-d12	23.650	264	17668	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2217	10.45	ng	0.00
7) Phenol-d6	7.022	99	21013	68.44	ng	0.01
23) Nitrobenzene-d5	8.998	82	7944	34.46	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.092	172	38190	68.84	ng	0.00
79) Terphenyl-d14	19.815	244	102502	86.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	367	4.00	ng	# 1
4) n-Nitrosodimethylamine	3.681	42	246	2.07	ng	# 16
9) Benzaldehyde	6.992	77	1023	7.98	ng	# 60
10) Phenol	7.045	94	5443	17.55	ng	98
27) 2,4-Dimethylphenol	9.845	122	477	2.79	ng	# 58
32) Benzoic acid	9.845	122	477	8.21	ng	# 33
57) 2,4-Dinitrotoluene	14.716	165	62	3.32	ng	# 24
80) Butylbenzylphthalate	20.503	149	366	4.82	ng	# 44
84) Bis(2-ethylhexyl)phtha...	21.292	149	134	4.40	ng	# 52
85) Di-n-octyl phthalate	22.192	149	1211	4.90	ng	# 74

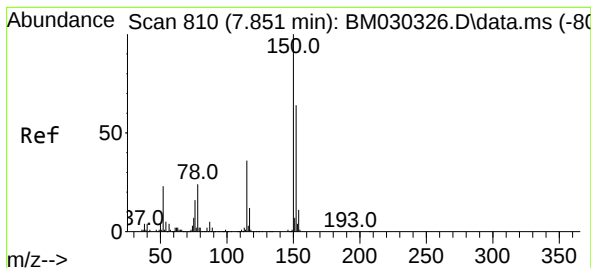
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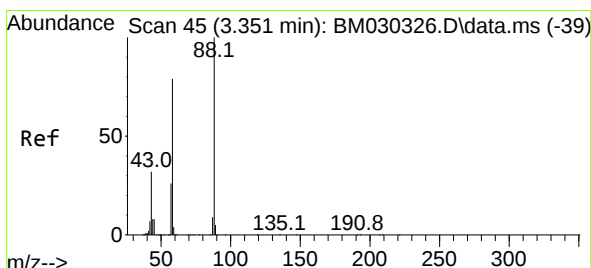
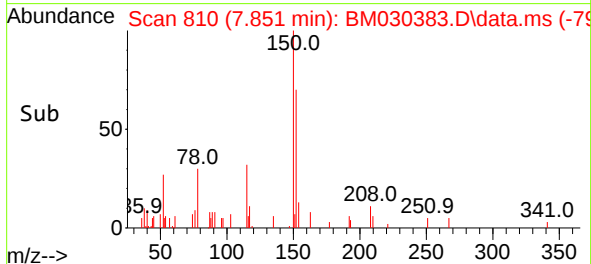
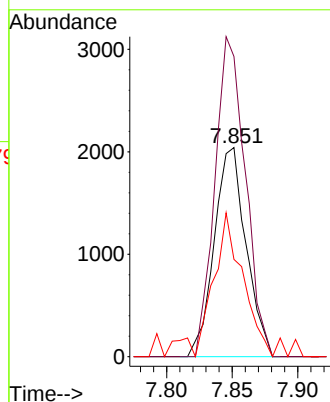
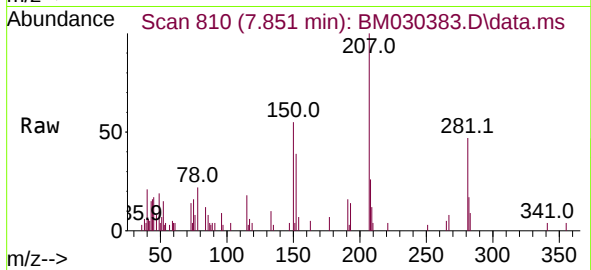




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

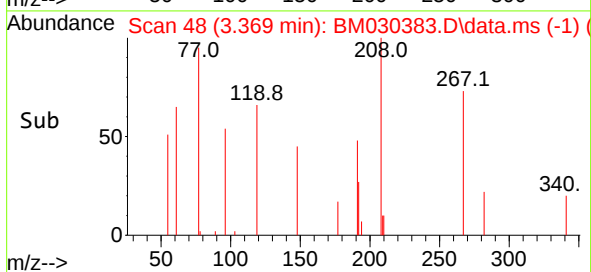
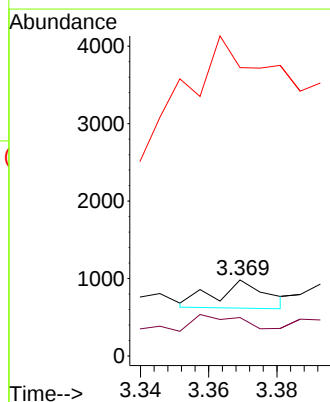
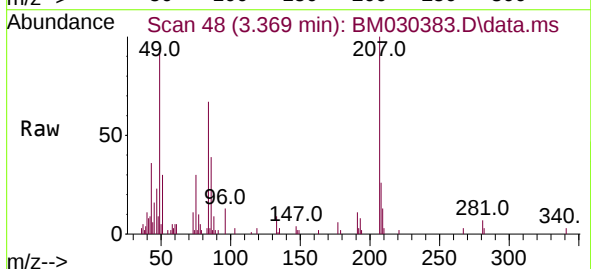
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BNA_M
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18-B12(126-130)

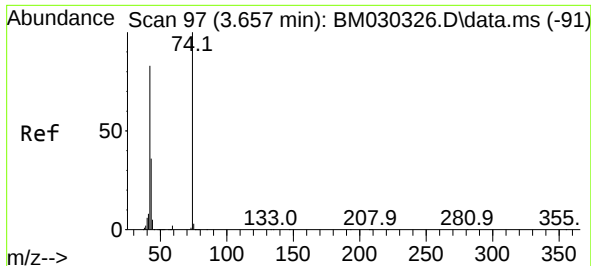
Tgt Ion:152 Resp: 3448
Ion Ratio Lower Upper
152 100
150 143.5 125.9 188.9
115 46.5 44.6 67.0



#2
1,4-Dioxane
Concen: 4.00 ng
RT: 3.369 min Scan# 48
Delta R.T. 0.018 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion: 88 Resp: 367
Ion Ratio Lower Upper
88 100
58 44.4 53.6 80.4#
43 1720.4 25.8 38.6#

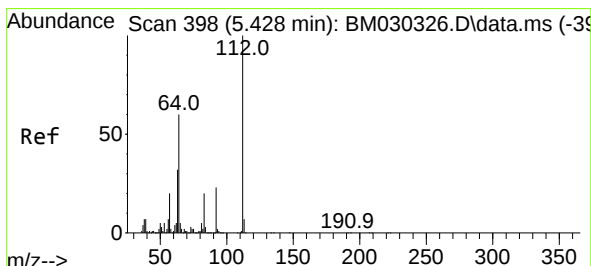
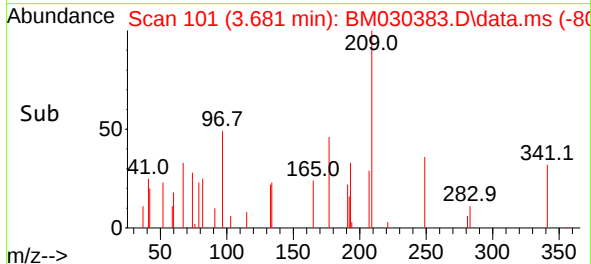
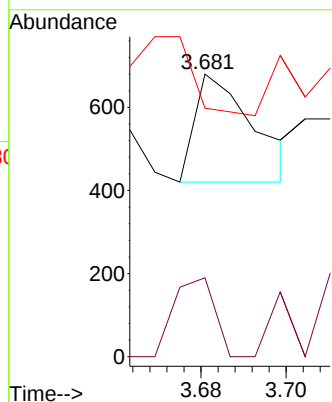
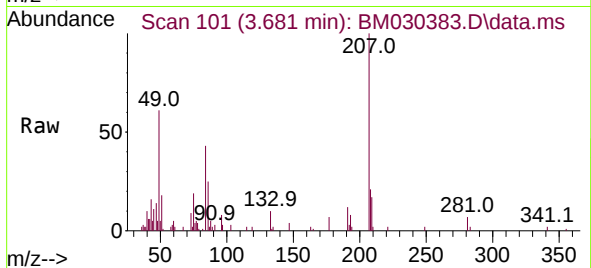




#4
n-Nitrosodimethylamine
Concen: 2.07 ng
RT: 3.681 min Scan# 101
Delta R.T. 0.024 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

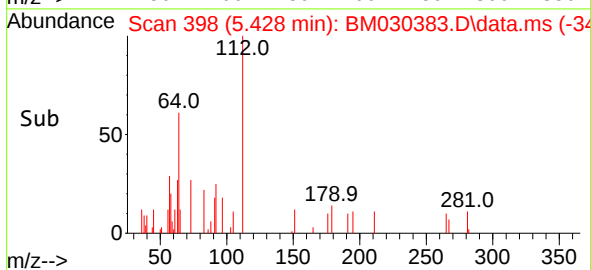
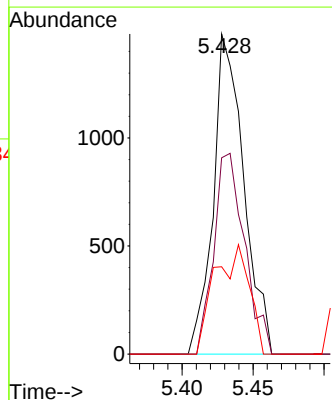
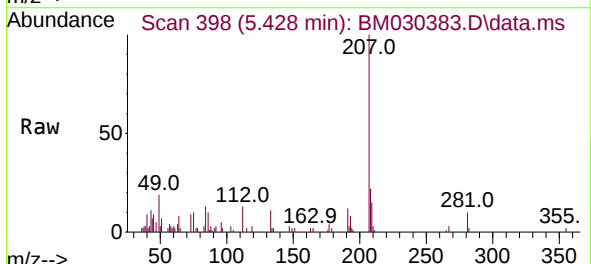
Instrument :
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ClientSampleId :
18-B12(126-130)

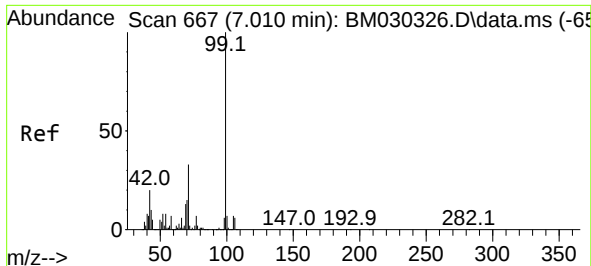
Tgt Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
74 27.9 84.1 126.1#
44 87.9 4.5 6.7#



#5
2-Fluorophenol
Concen: 10.45 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion: 112 Resp: 2217
Ion Ratio Lower Upper
112 100
64 61.3 47.1 70.7
63 27.3 27.3 40.9#

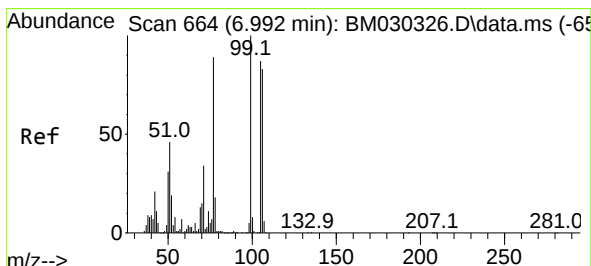
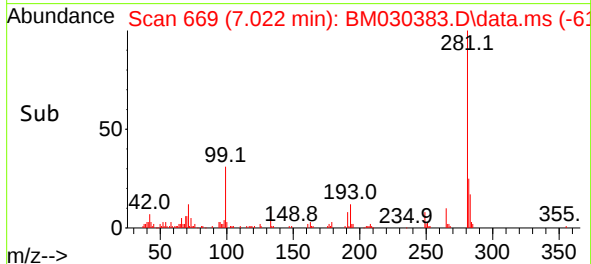
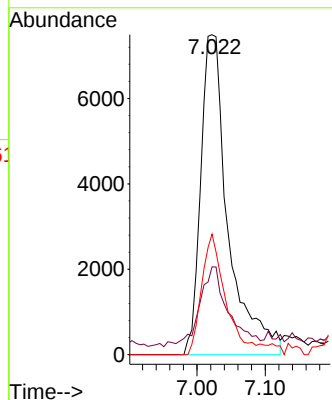
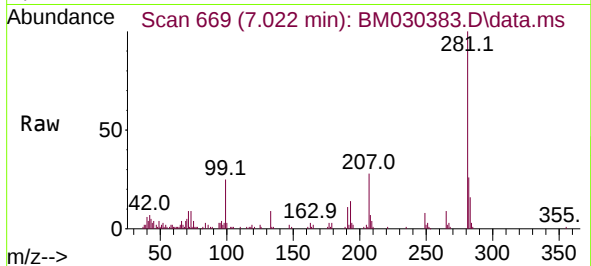




#7
Phenol-d6
Concen: 68.44 ng
RT: 7.022 min Scan# 669
Delta R.T. 0.012 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

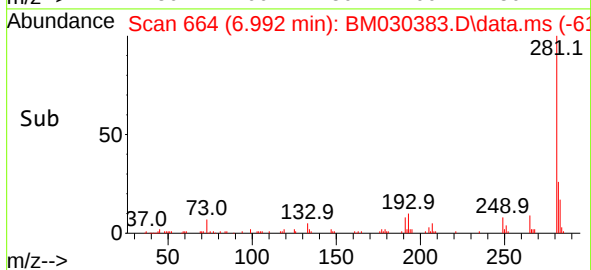
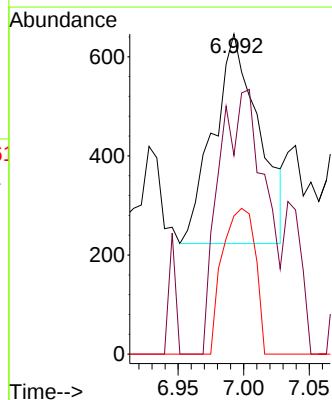
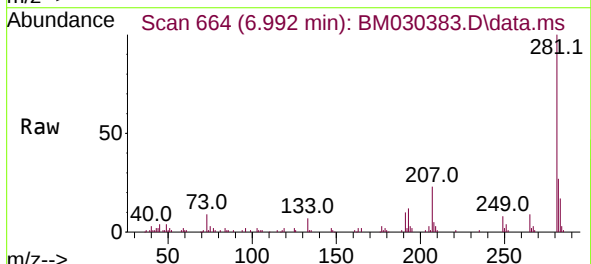
Instrument :
BNA_M
ClientSampleId :
18-B12(126-130)

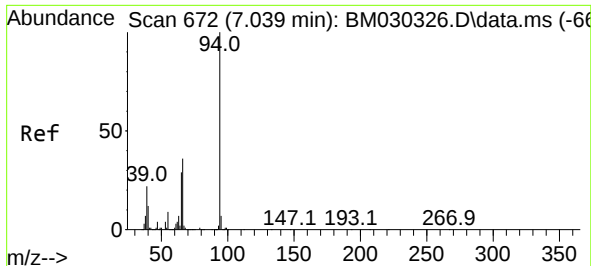
Tgt Ion: 99 Resp: 21013
Ion Ratio Lower Upper
99 100
42 27.5 18.0 27.0#
71 37.7 30.9 46.3



#9
Benzaldehyde
Concen: 7.98 ng
RT: 6.992 min Scan# 664
Delta R.T. 0.000 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion: 77 Resp: 1023
Ion Ratio Lower Upper
77 100
105 62.1 71.2 111.2#
106 43.2 68.6 108.6#

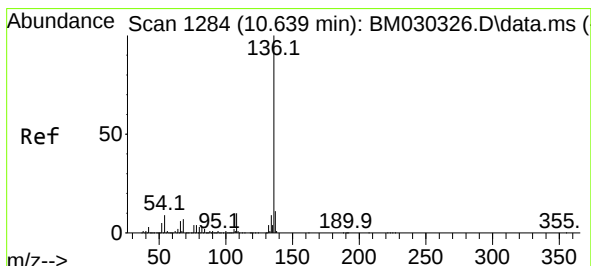
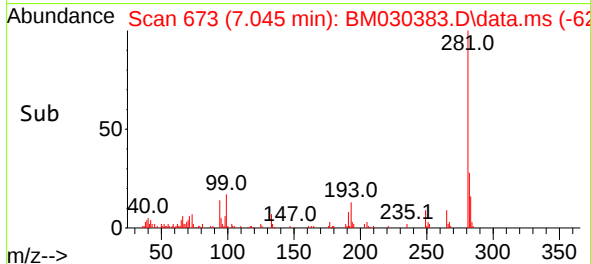
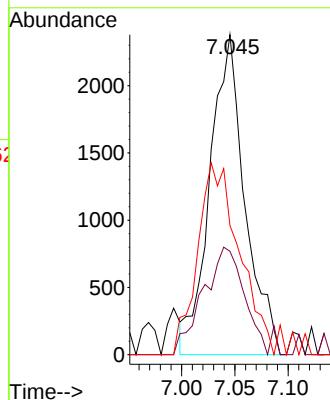
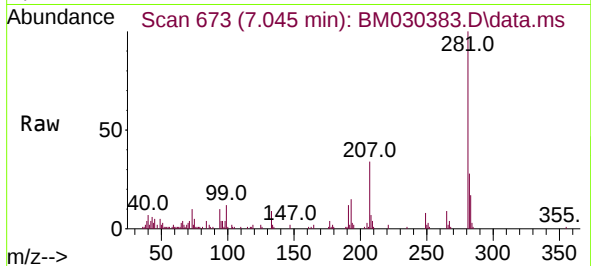




#10
Phenol
Concen: 17.55 ng
RT: 7.045 min Scan# 673
Delta R.T. 0.006 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

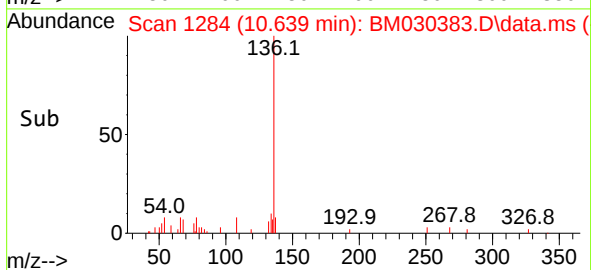
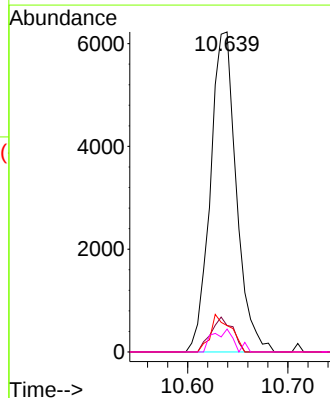
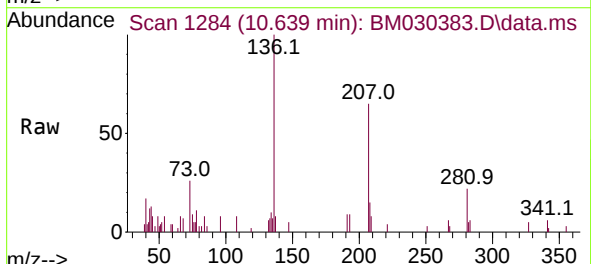
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ClientSampleId :
18-B12(126-130)

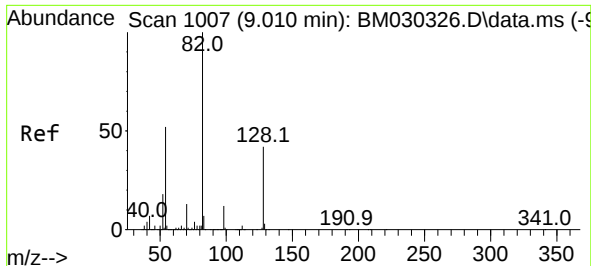
Tgt Ion: 94	Resp: 5443
Ion Ratio	Lower Upper
94 100	
65 32.3	11.9 51.9
66 40.4	22.6 62.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion: 136	Resp: 11232
Ion Ratio	Lower Upper
136 100	
137 8.3	8.4 12.6#
54 8.3	5.5 8.3
68 7.1	4.2 6.2#

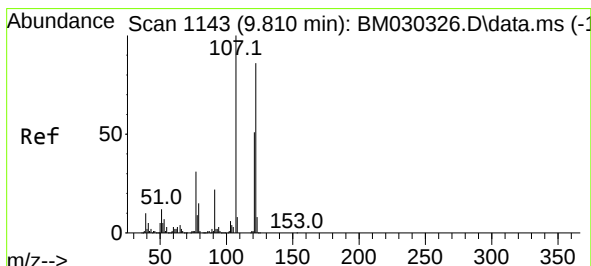
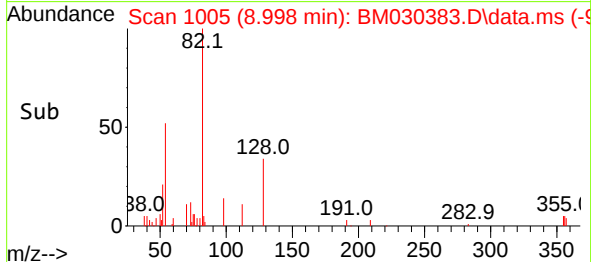
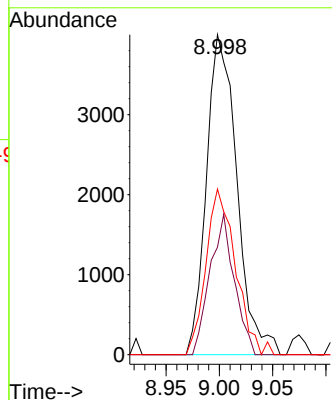
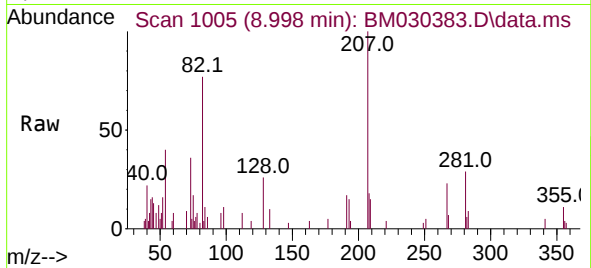




#23
Nitrobenzene-d5
Concen: 34.46 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

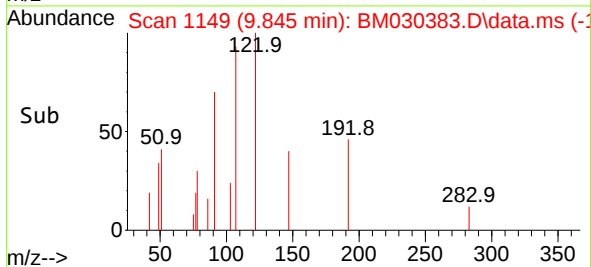
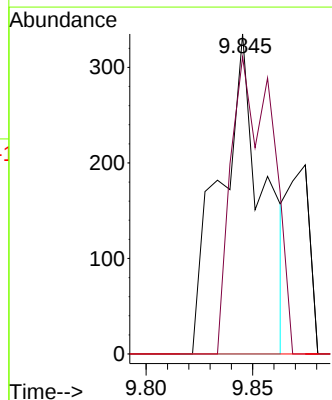
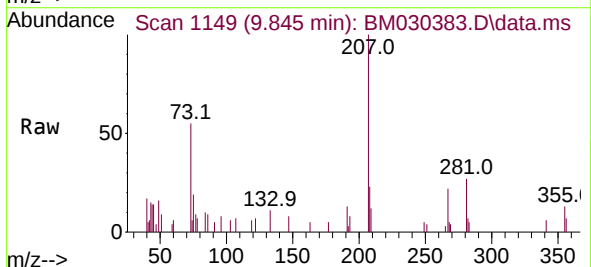
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18-B12(126-130)

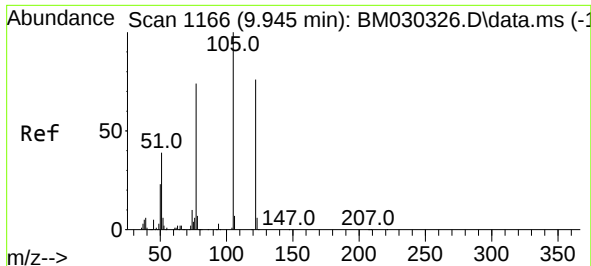
Tgt Ion: 82	Resp: 7944
Ion Ratio	Lower Upper
82 100	
128 33.6	31.1 46.7
54 51.8	37.3 55.9



#27
2,4-Dimethylphenol
Concen: 2.79 ng
RT: 9.845 min Scan# 1149
Delta R.T. 0.035 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion: 122	Resp: 477
Ion Ratio	Lower Upper
122 100	
107 92.8	95.0 142.6#
121 0.0	48.1 72.1#

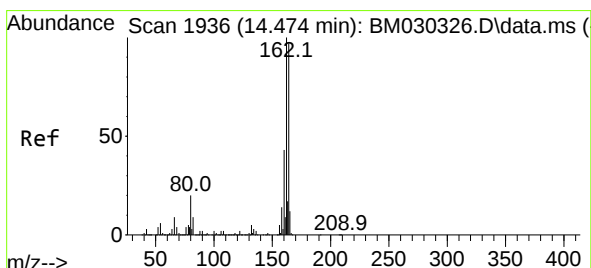
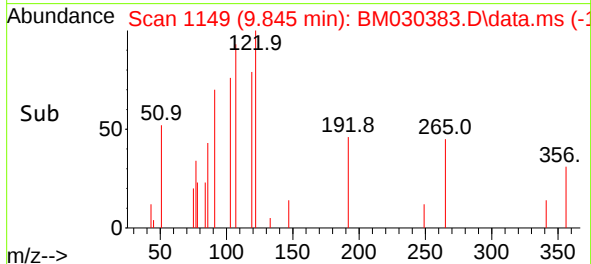
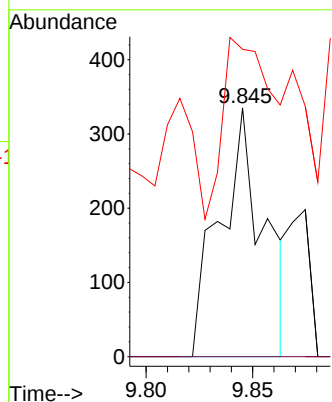
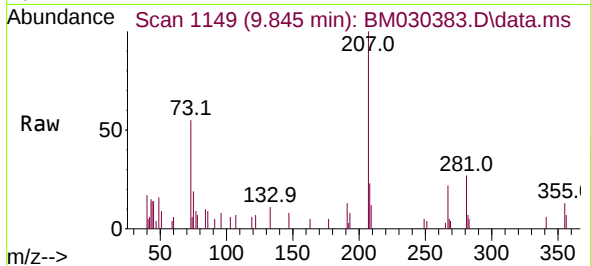




#32
Benzoic acid
Concen: 8.21 ng
RT: 9.845 min Scan# 1149
Delta R.T. -0.100 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

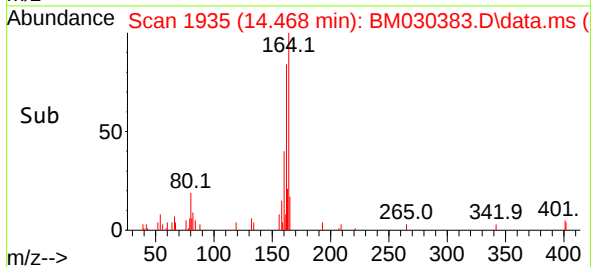
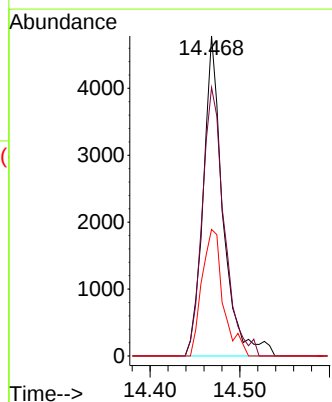
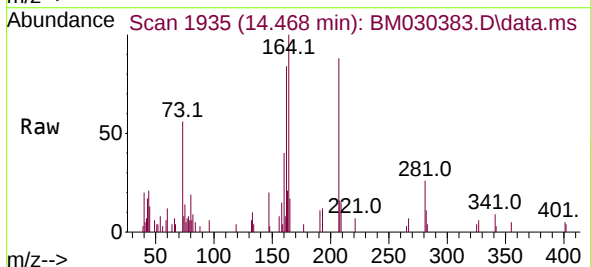
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18-B12(126-130)

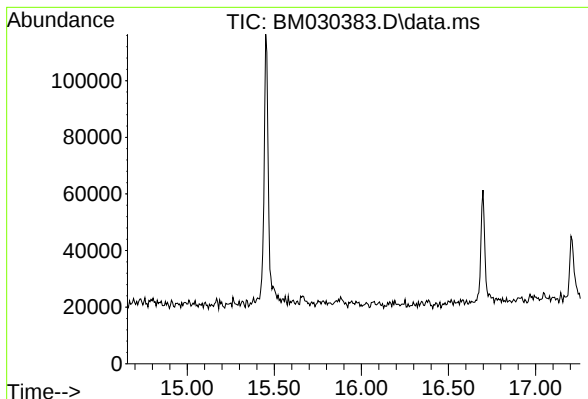
Tgt Ion:122 Resp: 477
Ion Ratio Lower Upper
122 100
105 0.0 107.3 147.3#
77 123.6 88.0 128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion:164 Resp: 7295
Ion Ratio Lower Upper
164 100
162 83.9 83.4 125.0
160 39.5 37.2 55.8

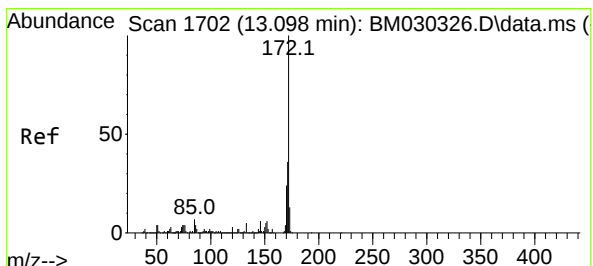
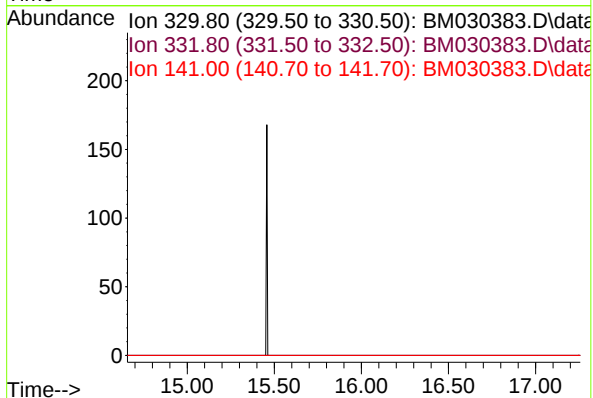




#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.96 min
 Lab File: BM030383.D
 Acq: 10 Jun 2021 20:29

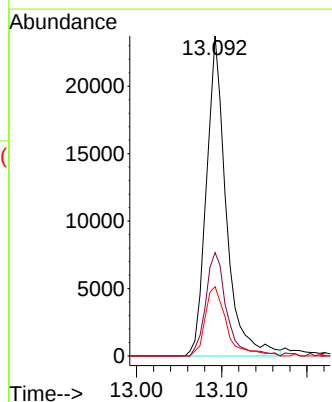
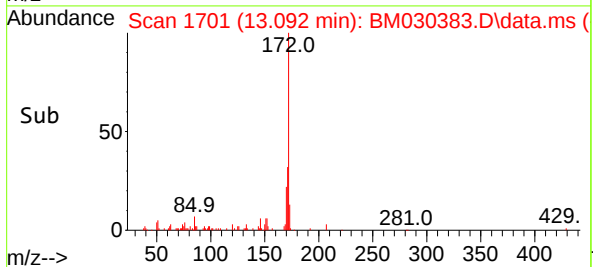
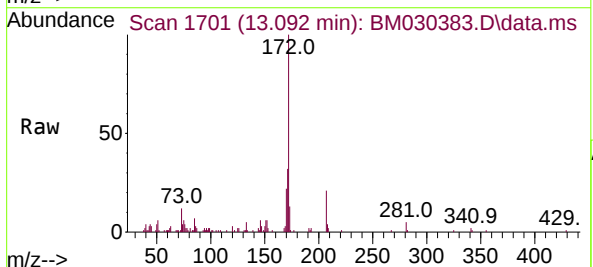
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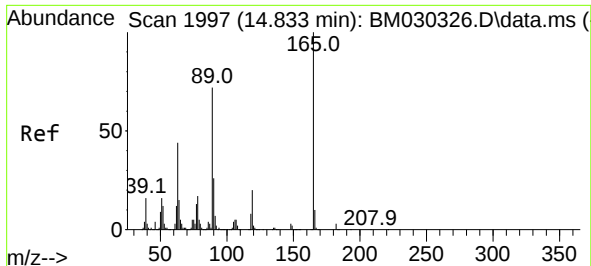
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.2
 141 37.7



#45
 2-Fluorobiphenyl
 Concen: 68.84 ng
 RT: 13.092 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: BM030383.D
 Acq: 10 Jun 2021 20:29

Tgt Ion: 172 Resp: 38190
 Ion Ratio Lower Upper
 172 100
 171 32.3 28.6 43.0
 170 21.7 18.4 27.6

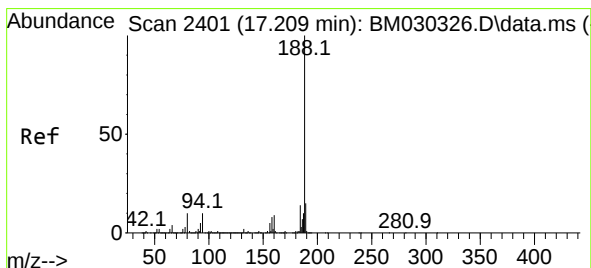
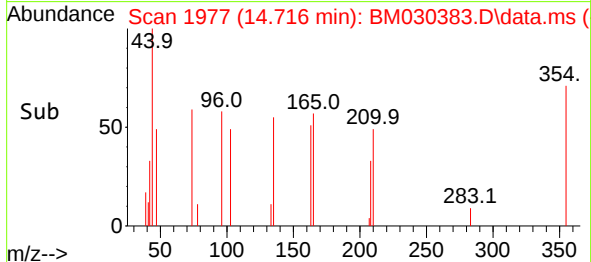
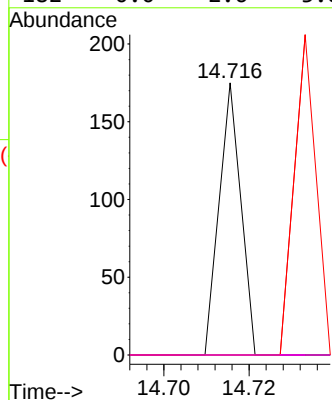
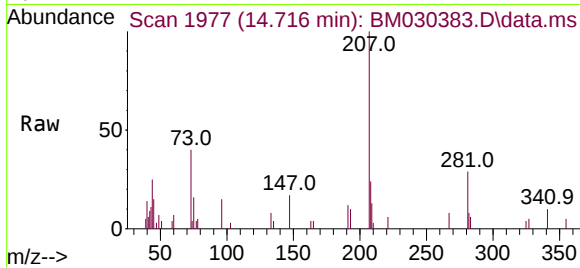




#57
2,4-Dinitrotoluene
Concen: 3.32 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.117 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

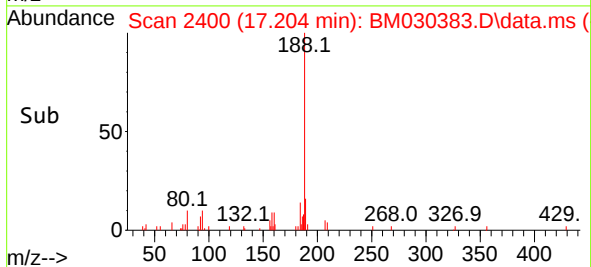
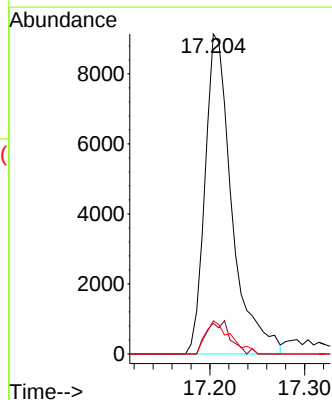
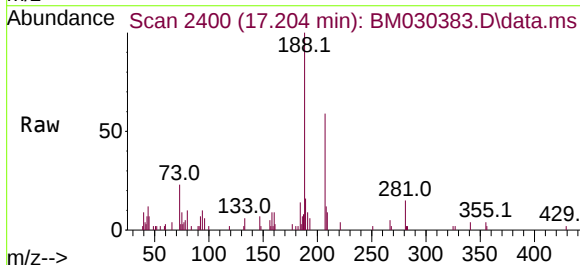
Instrument :
BNA_M
ClientSampleId :
18-B12(126-130)

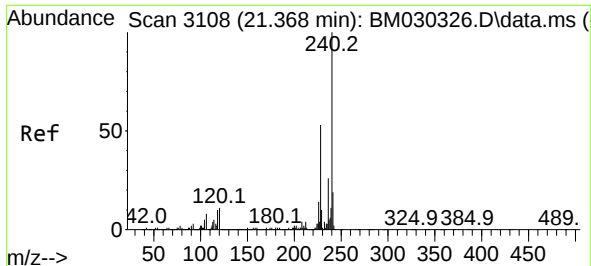
Tgt Ion:165	Resp:	62
Ion Ratio	Lower	Upper
165	100	
63	0.0	35.0 52.4#
89	0.0	55.2 82.8#
182	0.0	2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion:188	Resp:	17961
Ion Ratio	Lower	Upper
188	100	
94	9.6	6.0 9.0#
80	10.3	6.6 9.8#

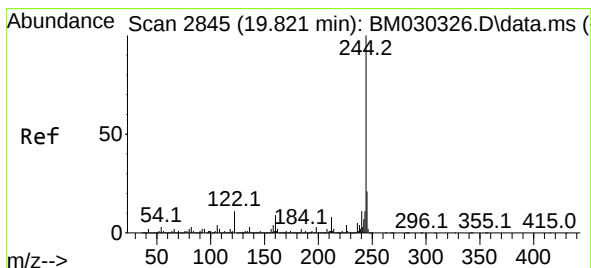
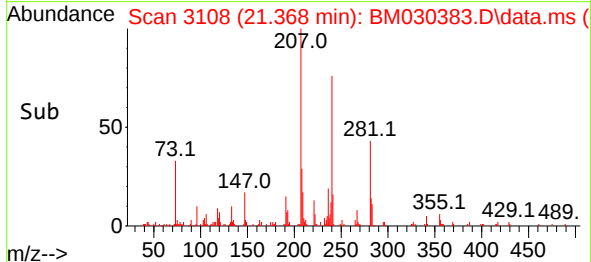
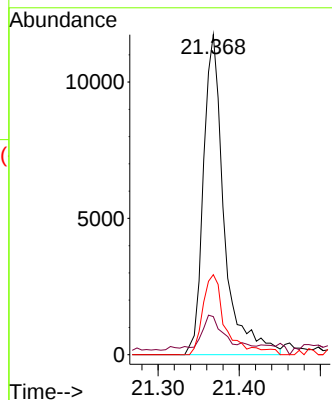
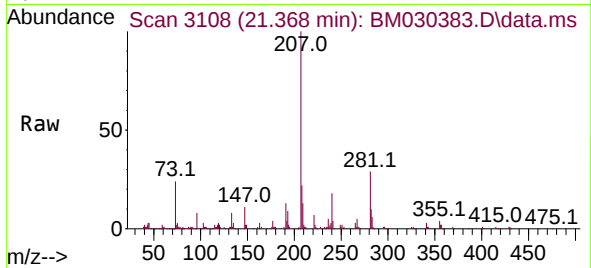




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

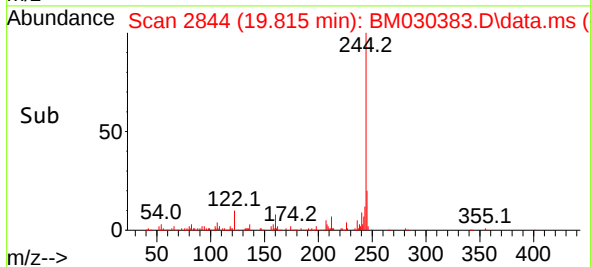
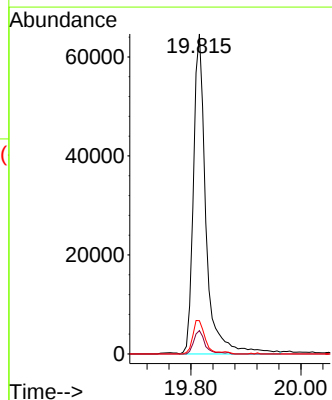
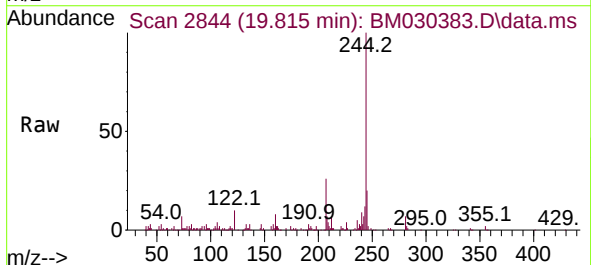
Instrument :
BNA_M
ClientSampleId :
18-B12(126-130)

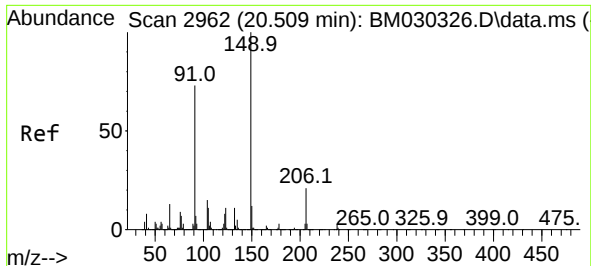
Tgt Ion:240 Resp: 20765
Ion Ratio Lower Upper
240 100
120 11.9 7.0 10.6#
236 25.0 21.0 31.4



#79
Terphenyl-d14
Concen: 86.70 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion:244 Resp: 102502
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 10.4 6.9 10.3#

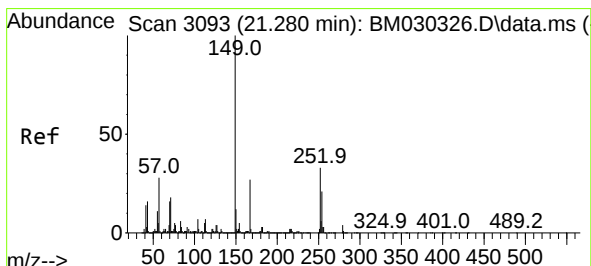
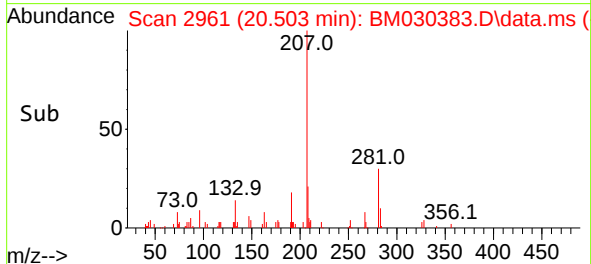
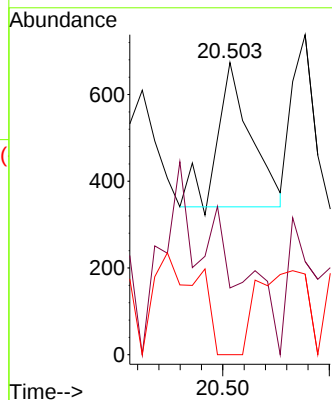
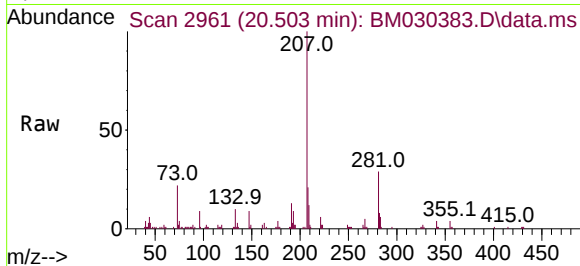




#80
Butylbenzylphthalate
Concen: 4.82 ng
RT: 20.503 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

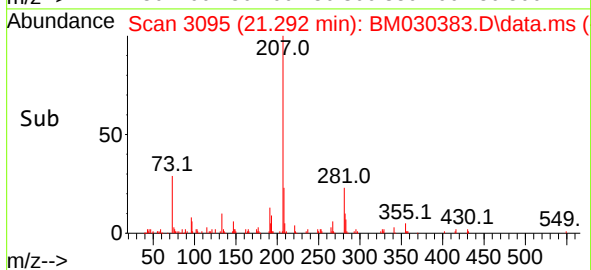
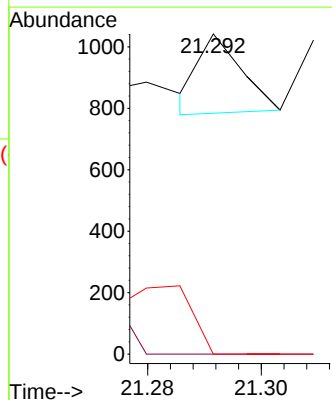
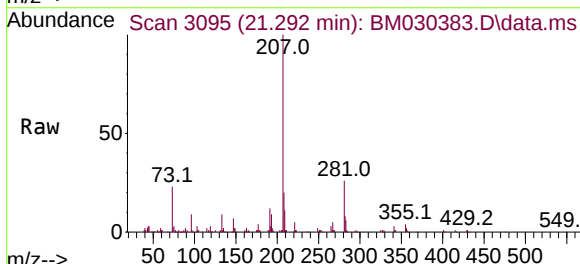
Instrument :
BNA_M
ClientSampleId :
18-B12(126-130)

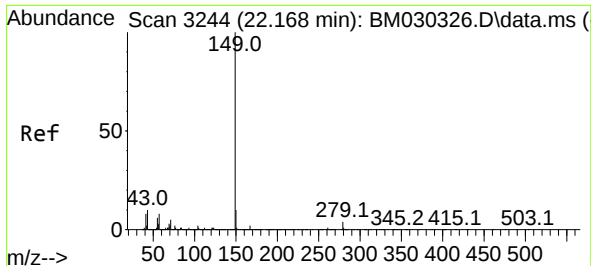
Tgt Ion:149 Resp: 366
Ion Ratio Lower Upper
149 100
91 22.8 57.4 86.0#
206 0.0 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.40 ng
RT: 21.292 min Scan# 3095
Delta R.T. 0.012 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion:149 Resp: 134
Ion Ratio Lower Upper
149 100
167 0.0 22.6 33.8#
279 0.0 3.8 5.8#

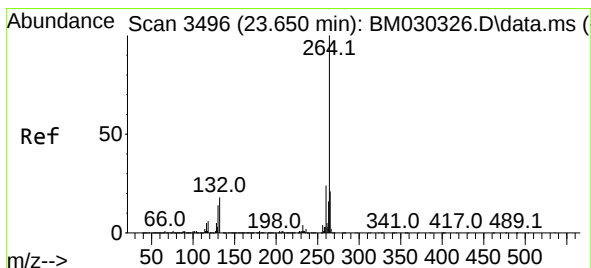
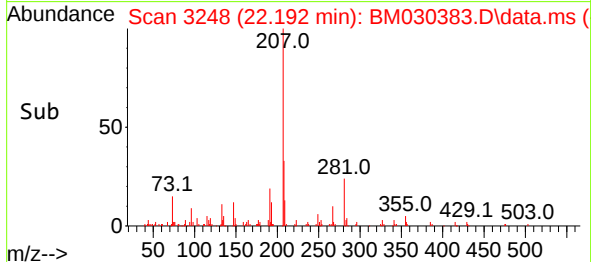
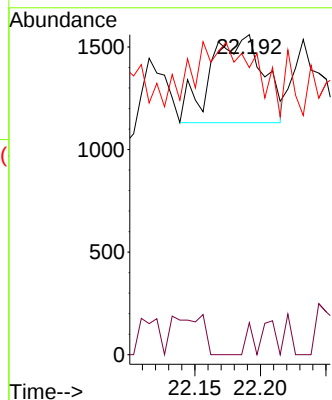
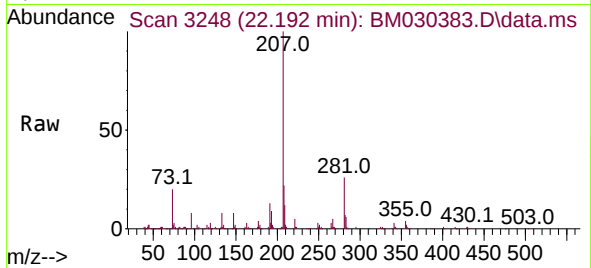




#85
Di-n-octyl phthalate
Concen: 4.90 ng
RT: 22.192 min Scan# 3248
Delta R.T. 0.024 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Instrument :
BNA_M
ClientSampleId :
18-B12(126-130)

Tgt Ion:149 Resp: 1211
Ion Ratio Lower Upper
149 100
167 13.8 1.3 1.9#
43 0.0 7.4 11.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.650 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BM030383.D
Acq: 10 Jun 2021 20:29

Tgt Ion:264 Resp: 17668
Ion Ratio Lower Upper
264 100
260 25.4 19.8 29.8
265 59.2 17.7 26.5#

