

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030370.D
 Acq On : 10 Jun 2021 12:28
 Operator : CG/JU
 Sample : M2613-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(86-90)

Quant Time: Jun 10 13:01:31 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)

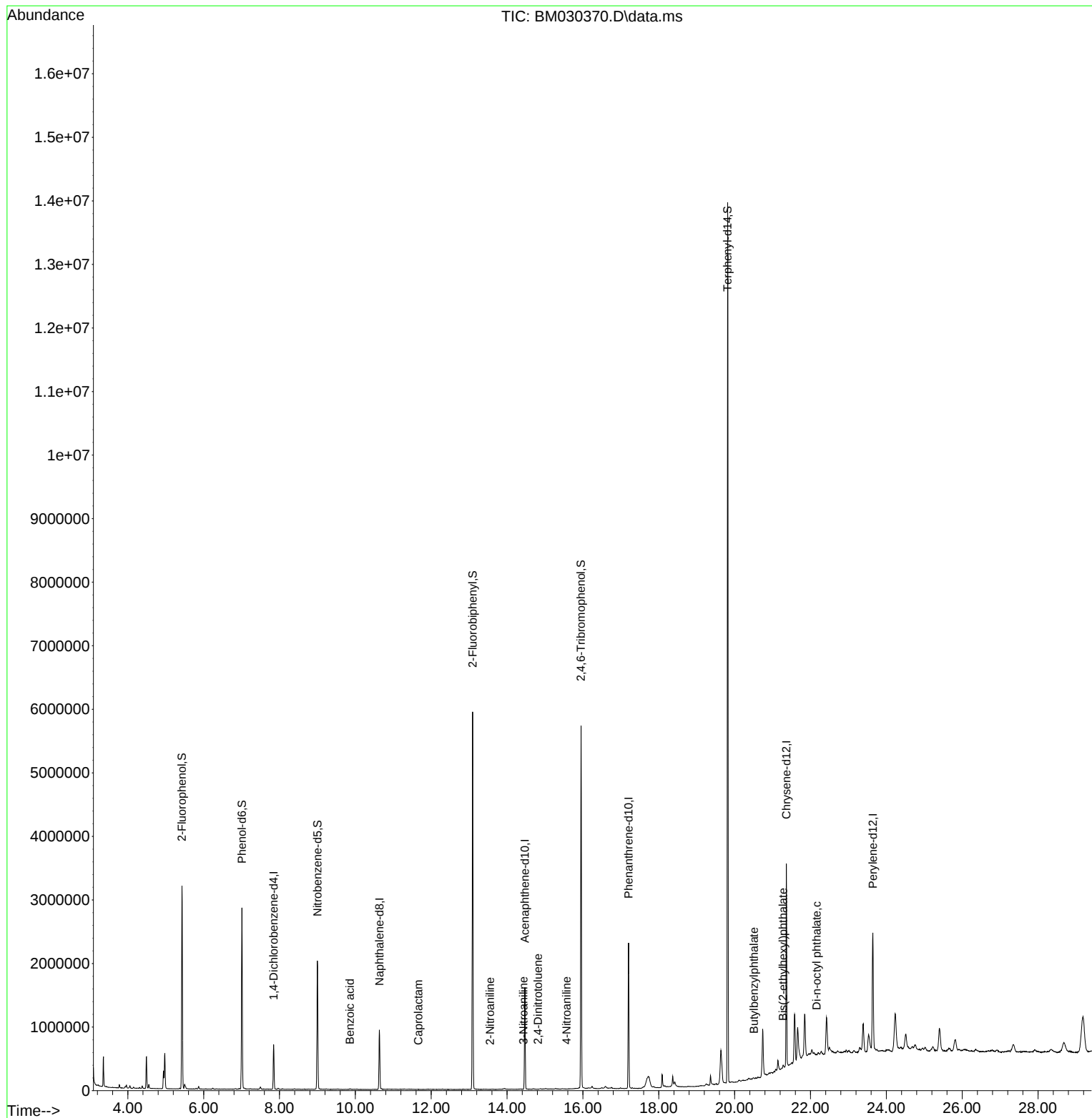
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	190080	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	770766	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	563964	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1354033	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1461129	20.000	ng	0.00
86) Perylene-d12	23.644	264	1336970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1342280	114.798	ng	0.00
7) Phenol-d6	7.010	99	1560668	92.203	ng	0.00
23) Nitrobenzene-d5	8.998	82	1156979	73.129	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	975996	137.647	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3011584	70.225	ng	0.00
79) Terphenyl-d14	19.815	244	6381432	76.712	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.857	122	4164	5.398	ng	95
35) Caprolactam	11.663	113	112	5.994	ng	# 28
48) 2-Nitroaniline	13.551	65	318	4.047	ng	# 4
53) 3-Nitroaniline	14.433	138	62	3.967	ng	# 1
57) 2,4-Dinitrotoluene	14.815	165	134	3.004	ng	# 59
62) 4-Nitroaniline	15.568	138	67	4.619	ng	# 10
80) Butylbenzylphthalate	20.509	149	2701	4.359	ng	90
84) Bis(2-ethylhexyl)phtha...	21.274	149	11202	4.422	ng	95
85) Di-n-octyl phthalate	22.162	149	1360	4.177	ng	# 72

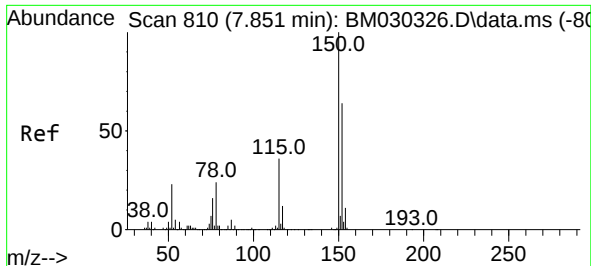
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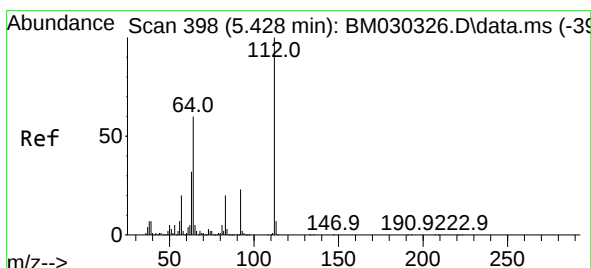
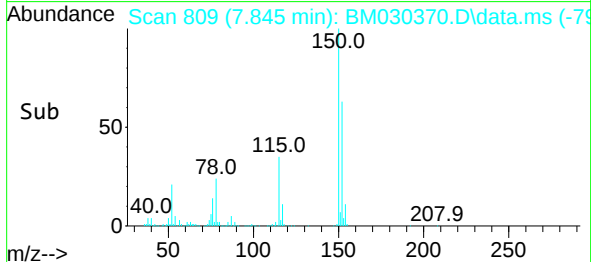
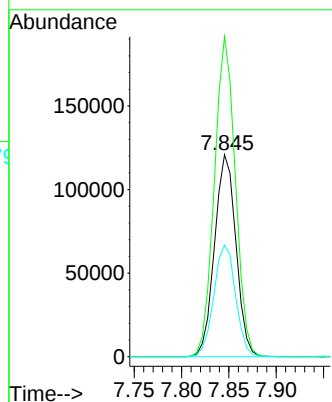
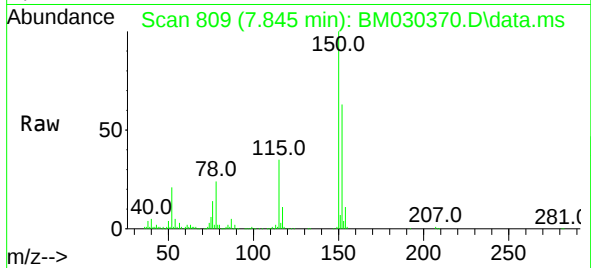




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

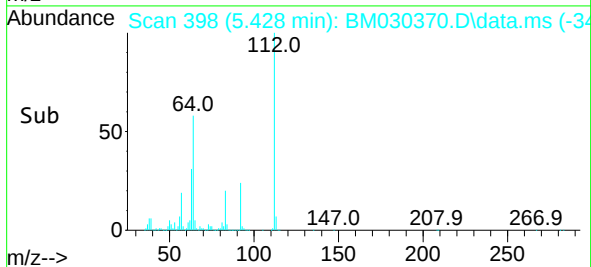
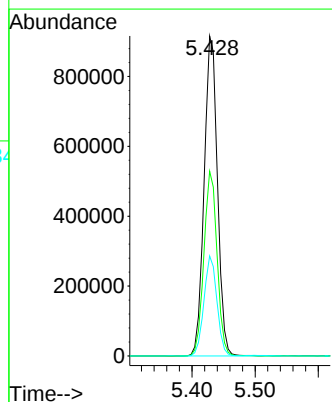
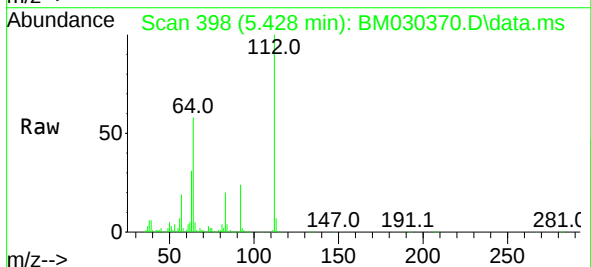
Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

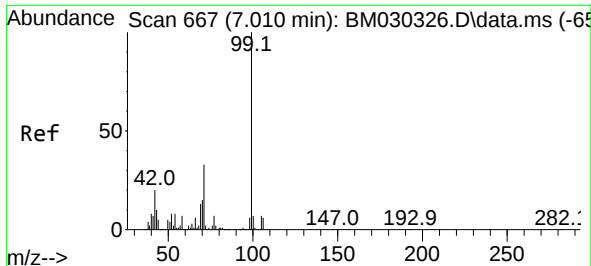
Tgt Ion:152 Resp: 190080
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 55.2 44.6 67.0



#5
2-Fluorophenol
Concen: 114.798 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Tgt Ion:112 Resp: 1342280
Ion Ratio Lower Upper
112 100
64 57.8 47.1 70.7
63 31.3 27.3 40.9



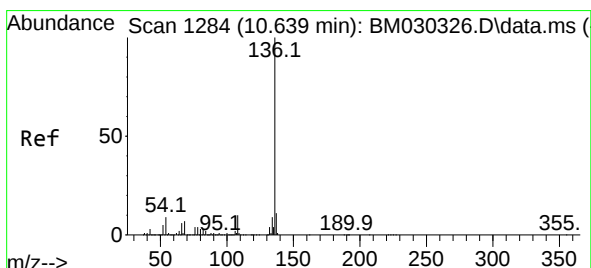
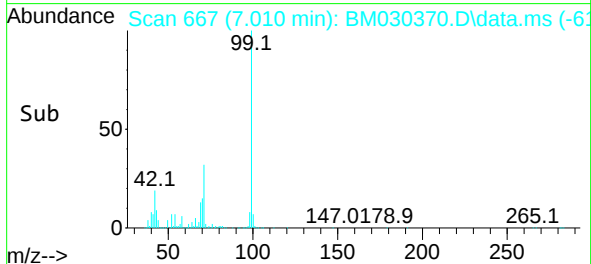
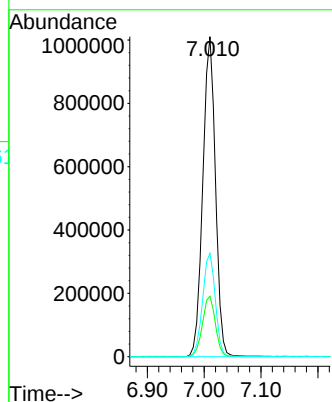
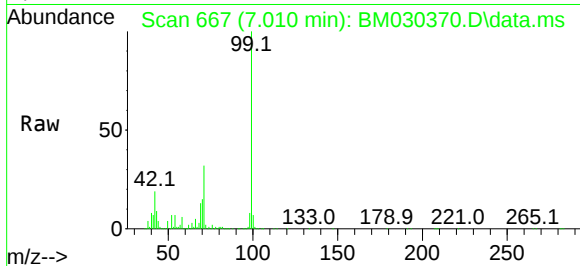


#7
Phenol-d6
Concen: 92.203 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

Tgt Ion: 99 Resp: 1560668

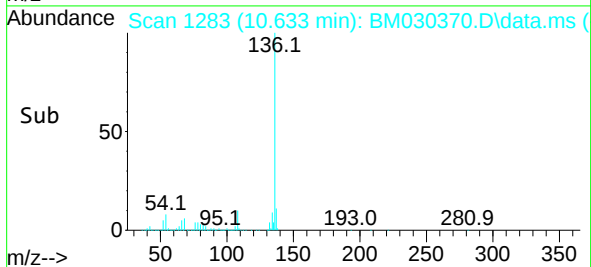
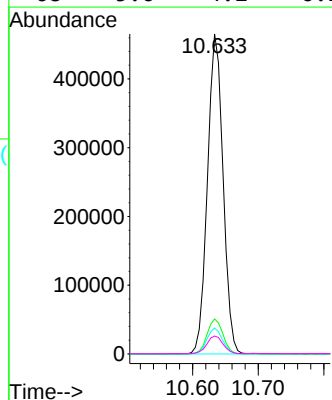
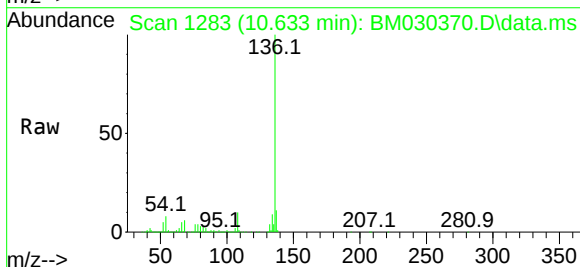
Ion	Ratio	Lower	Upper
99	100		
42	18.9	18.0	27.0
71	32.3	30.9	46.3

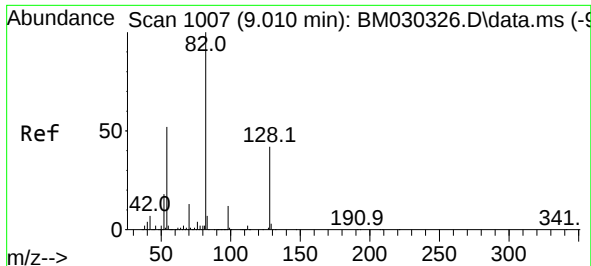


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Tgt Ion: 136 Resp: 770766

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.1	5.5	8.3
68	5.6	4.2	6.2

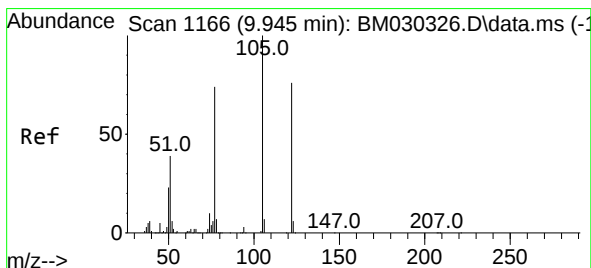
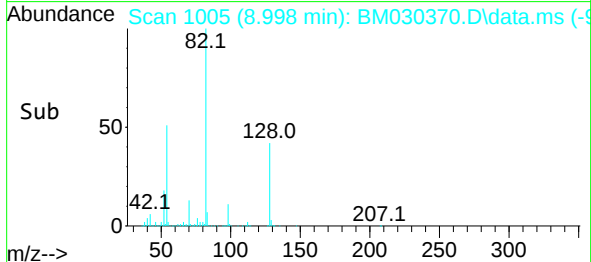
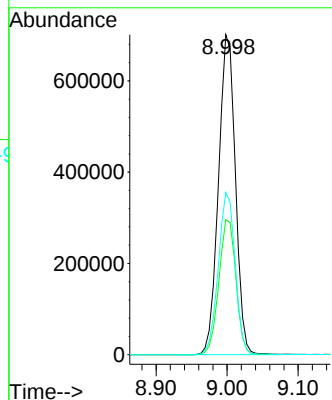
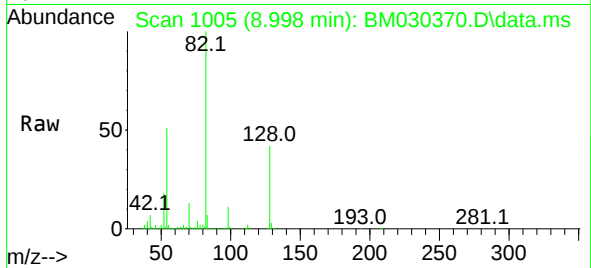




#23
Nitrobenzene-d5
Concen: 73.129 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

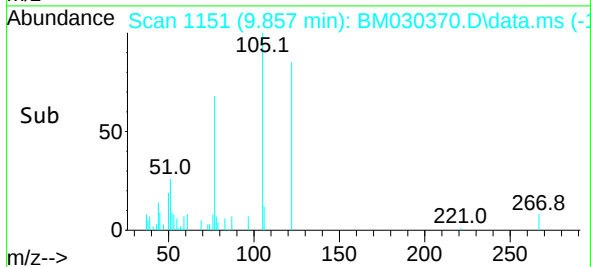
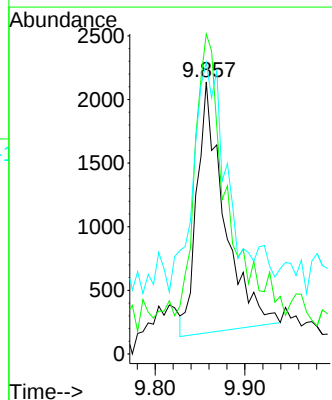
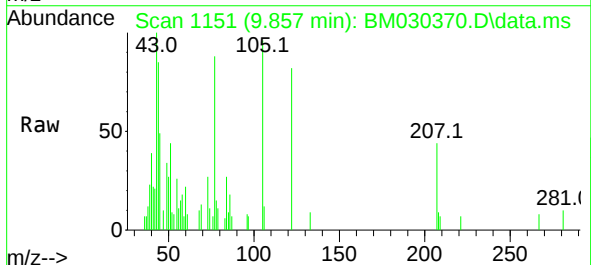
Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

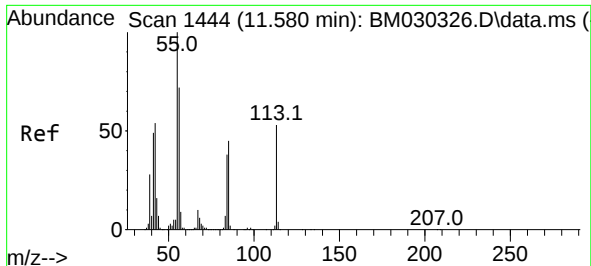
Tgt Ion: 82 Resp: 1156979
Ion Ratio Lower Upper
82 100
128 42.2 31.1 46.7
54 50.7 37.3 55.9



#32
Benzoic acid
Concen: 5.398 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.088 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Tgt Ion:122 Resp: 4164
Ion Ratio Lower Upper
122 100
105 117.6 107.3 147.3
77 107.2 88.0 128.0

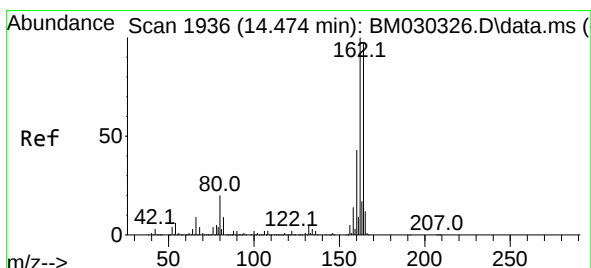
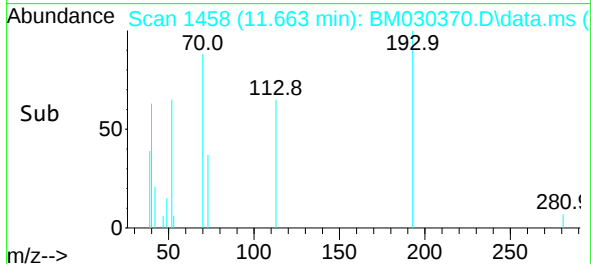
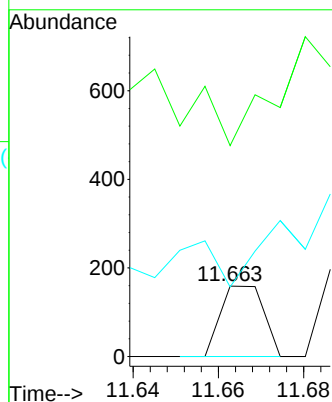
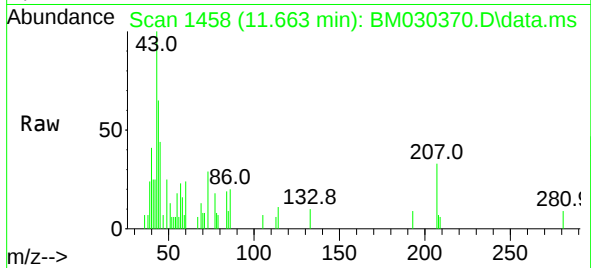




#35
Caprolactam
Concen: 5.994 ng
RT: 11.663 min Scan# 1458
Delta R.T. 0.083 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

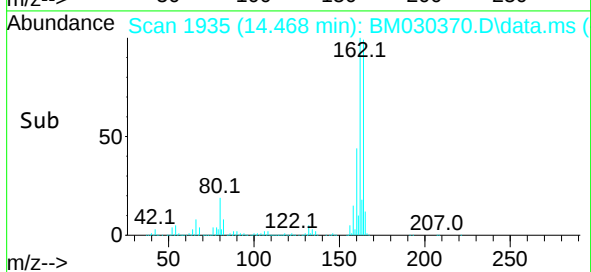
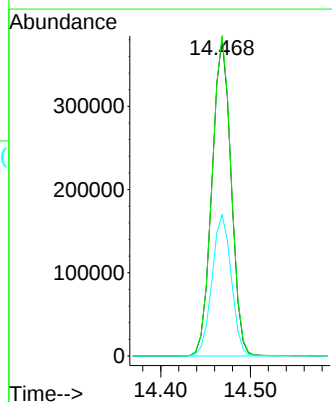
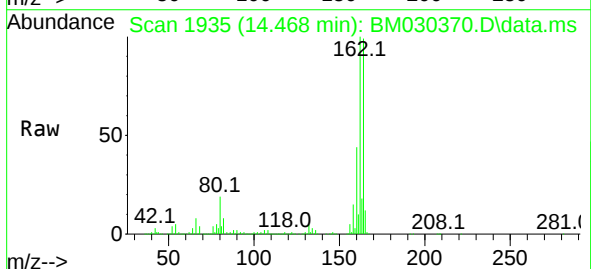
Instrument :
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ClientSampleId :
18-B12(86-90)

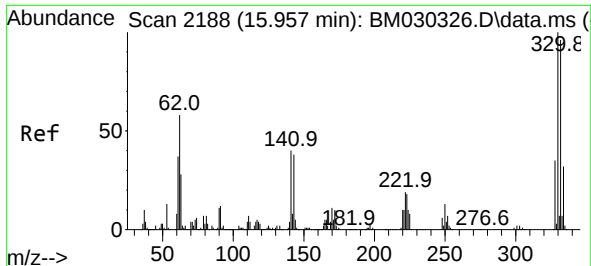
Tgt Ion:113 Resp: 112
Ion Ratio Lower Upper
113 100
55 299.4 132.0 172.0#
56 98.7 96.3 136.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

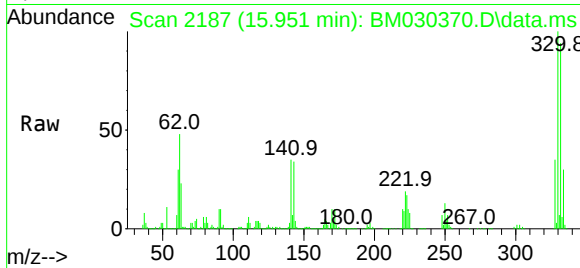
Tgt Ion:164 Resp: 563964
Ion Ratio Lower Upper
164 100
162 100.9 83.4 125.0
160 44.5 37.2 55.8



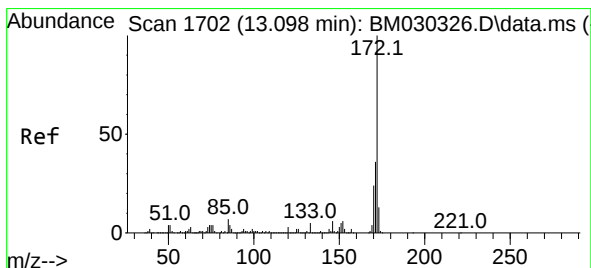
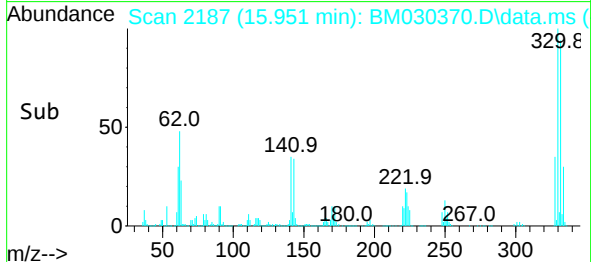
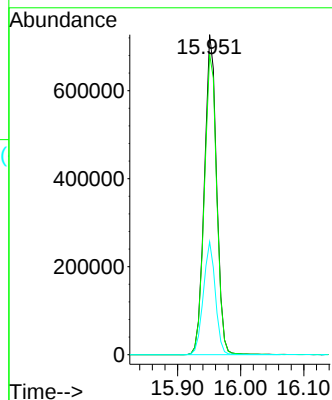


#42
2,4,6-Tribromophenol
Concen: 137.647 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

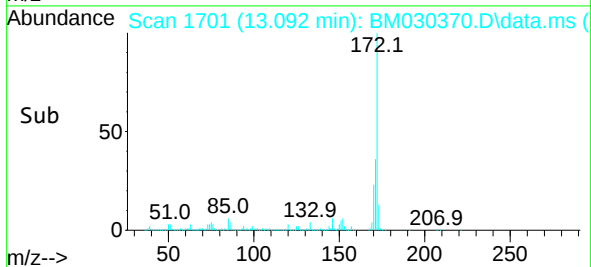
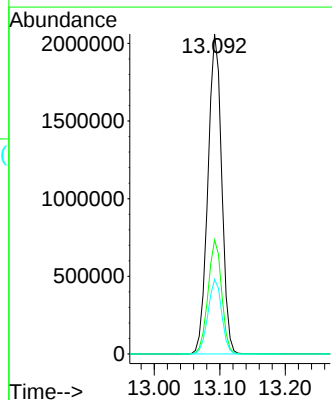
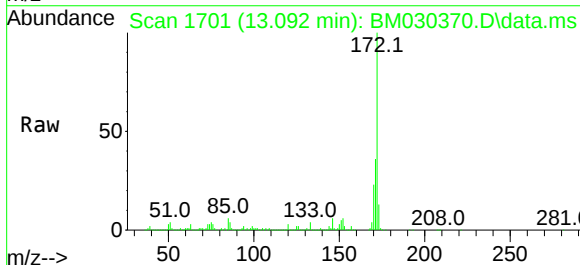


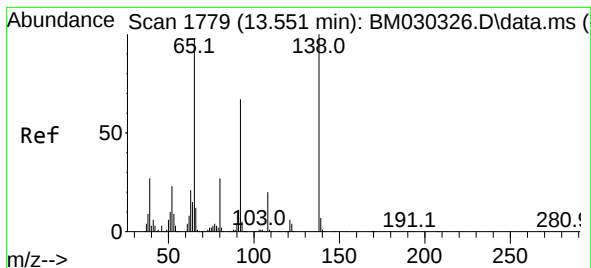
Tgt Ion:330 Resp: 975996
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 34.8 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 70.225 ng
RT: 13.092 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Tgt Ion:172 Resp: 3011584
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 18.4 27.6

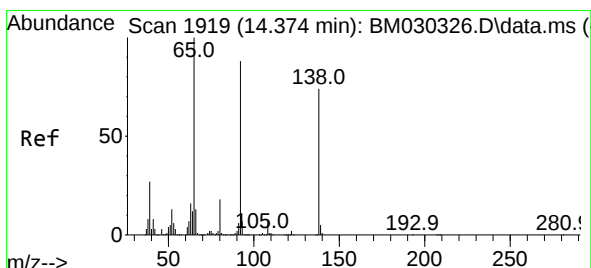
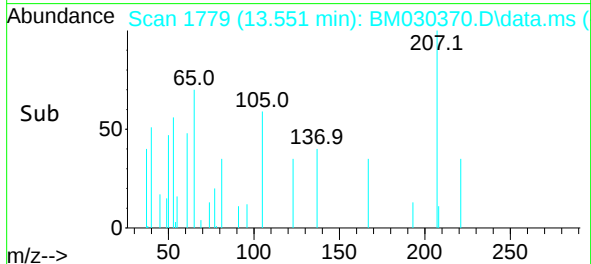
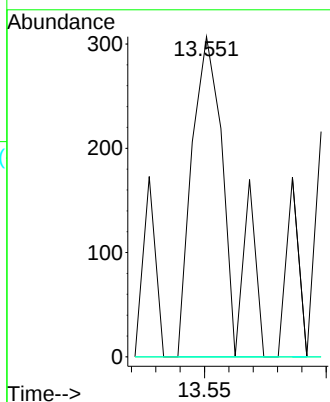
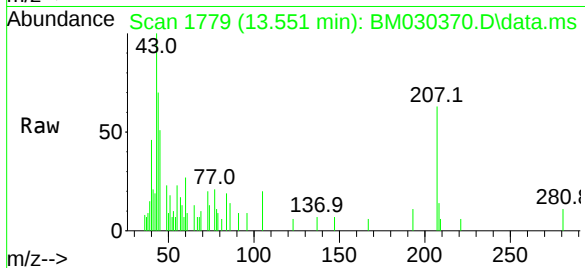




#48
2-Nitroaniline
Concen: 4.047 ng
RT: 13.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

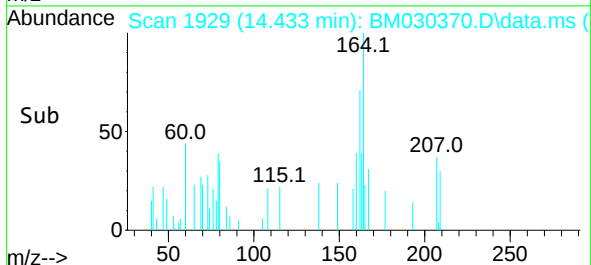
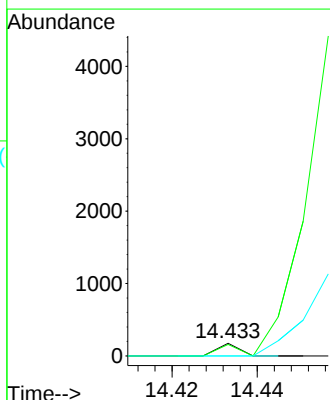
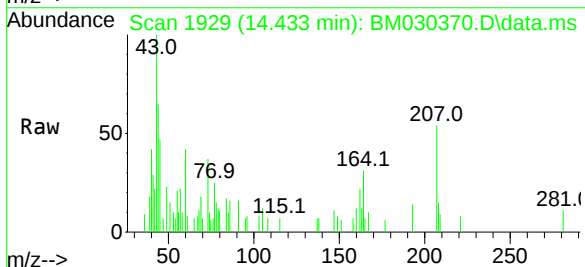
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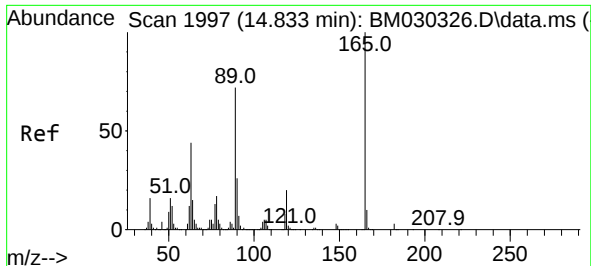
Tgt Ion: 65 Resp: 318
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#53
3-Nitroaniline
Concen: 3.967 ng
RT: 14.433 min Scan# 1929
Delta R.T. 0.059 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Tgt Ion: 138 Resp: 62
Ion Ratio Lower Upper
138 100
108 90.9 7.7 11.5#
92 0.0 92.6 138.8#

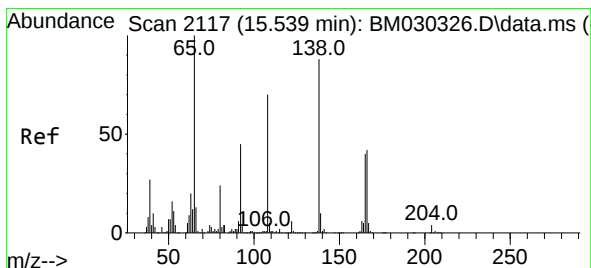
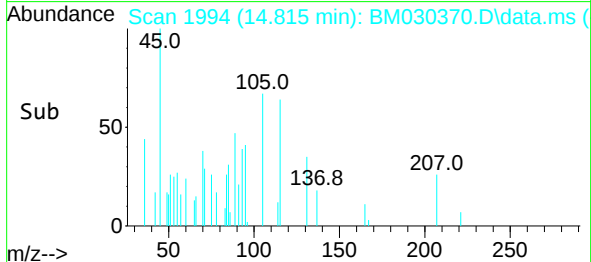
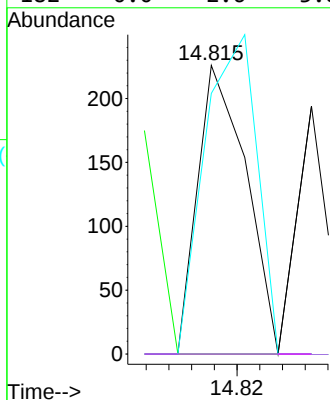
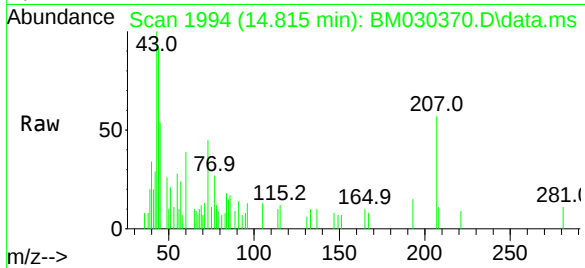




#57
2,4-Dinitrotoluene
Concen: 3.004 ng
RT: 14.815 min Scan# 1994
Delta R.T. -0.018 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

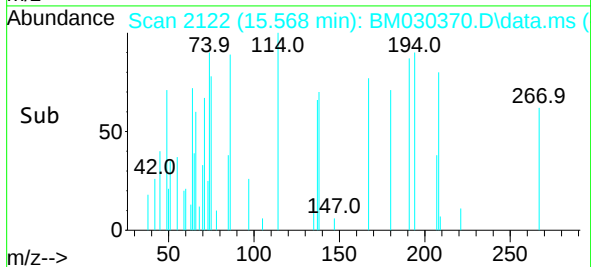
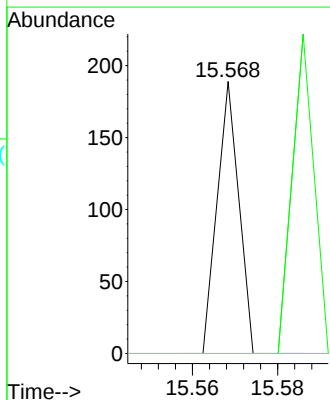
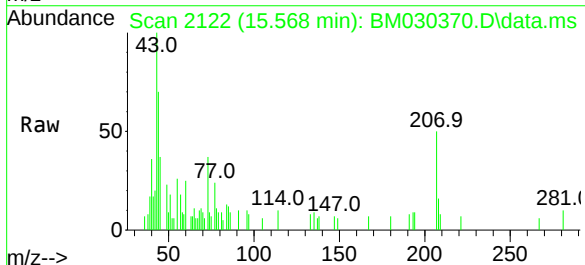
Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

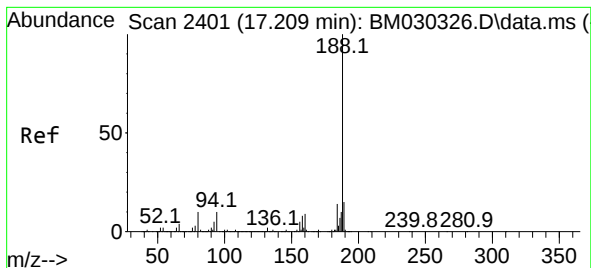
Tgt Ion:	165	Resp:	134
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	90.3	55.2	82.8#
182	0.0	2.6	3.8#



#62
4-Nitroaniline
Concen: 4.619 ng
RT: 15.568 min Scan# 2122
Delta R.T. 0.029 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

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#

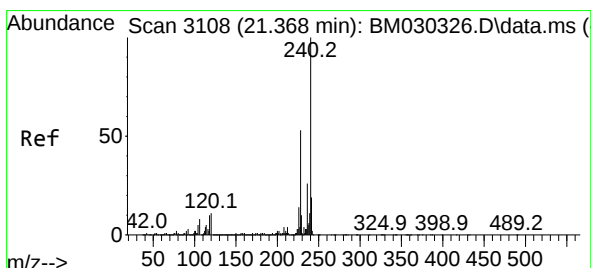
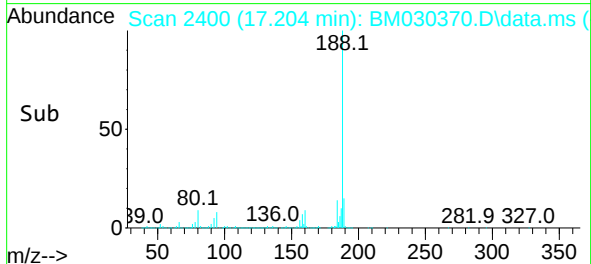
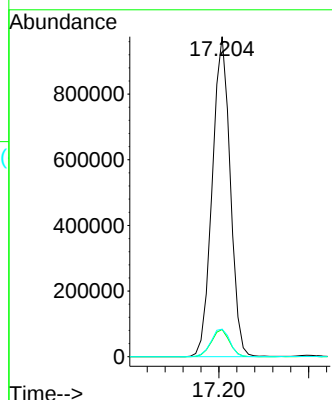
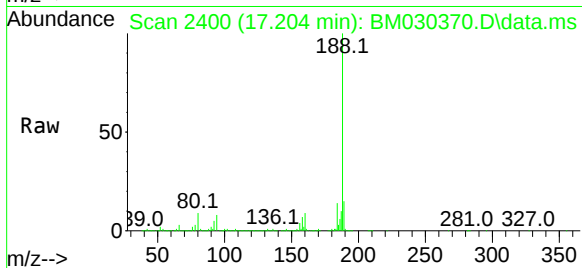




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

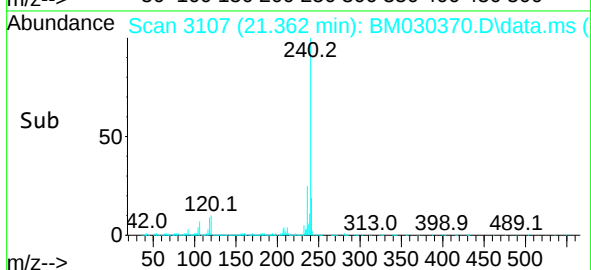
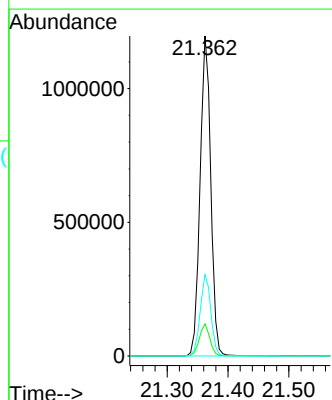
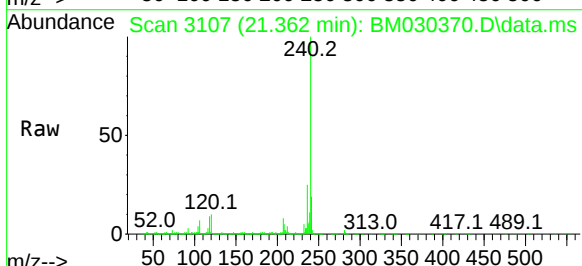
Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

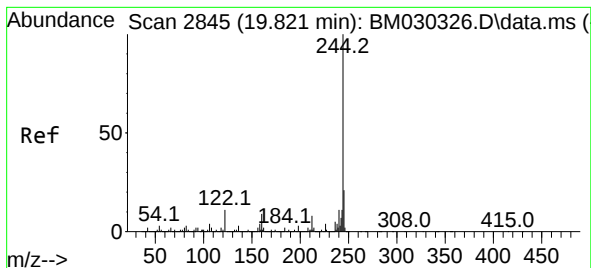
Tgt Ion:188 Resp: 1354033
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 8.6 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

Tgt Ion:240 Resp: 1461129
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 76.712 ng

RT: 19.815 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BM030370.D

Acq: 10 Jun 2021 12:28

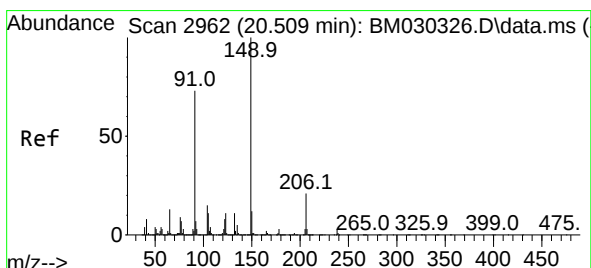
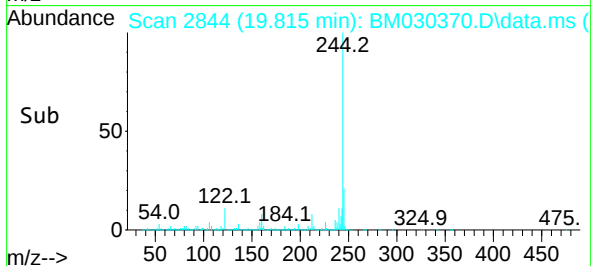
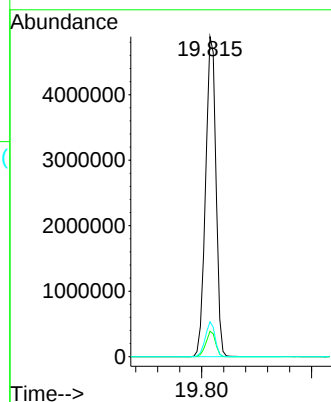
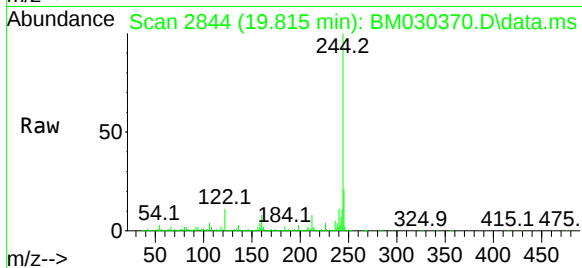
Tgt Ion:244 Resp: 6381432

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 10.9 6.9 10.3#



#80

Butylbenzylphthalate

Concen: 4.359 ng

RT: 20.509 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BM030370.D

Acq: 10 Jun 2021 12:28

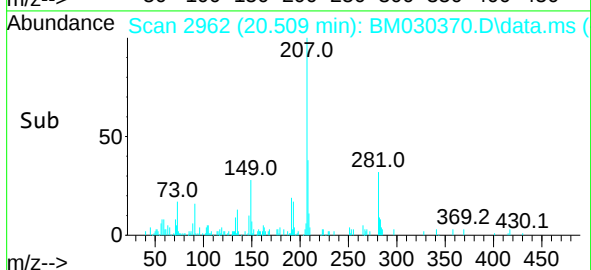
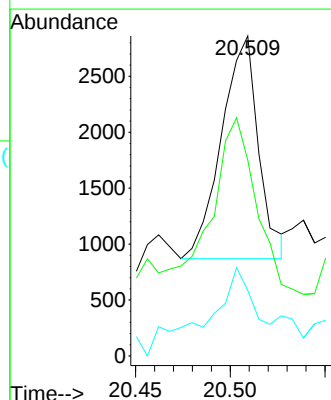
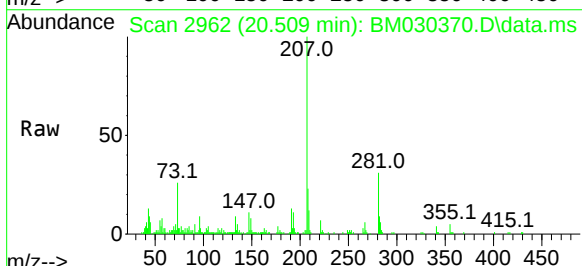
Tgt Ion:149 Resp: 2701

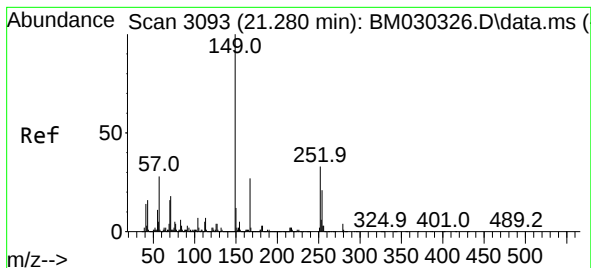
Ion Ratio Lower Upper

149 100

91 61.2 57.4 86.0

206 20.5 16.6 25.0

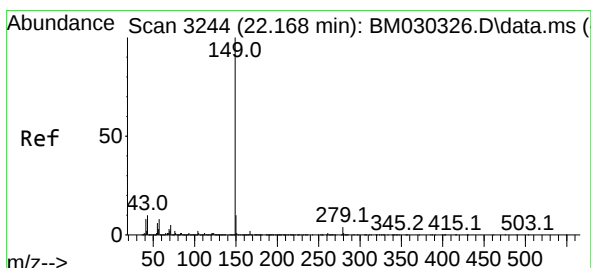
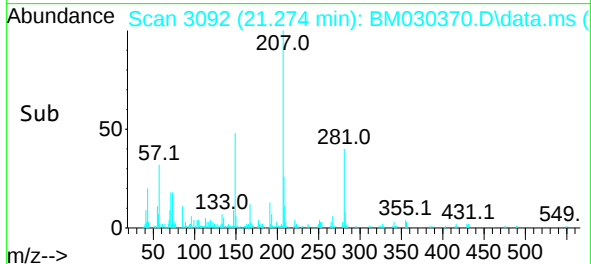
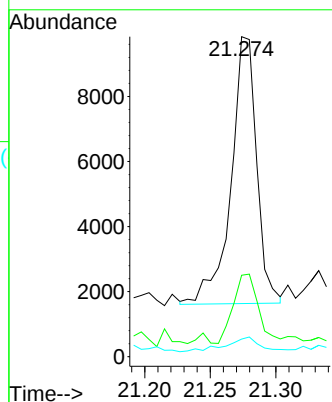
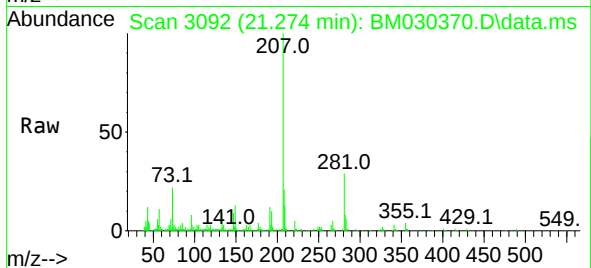




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.422 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

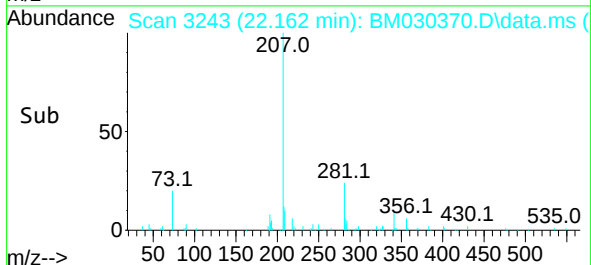
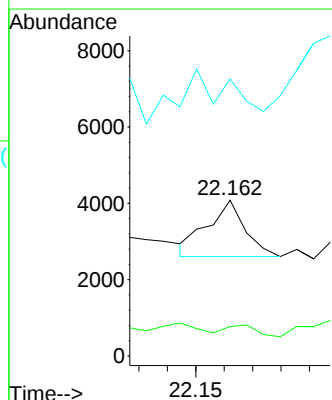
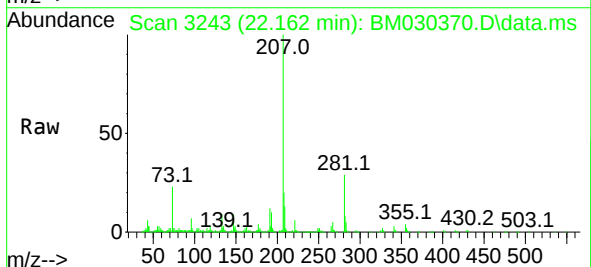
Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)

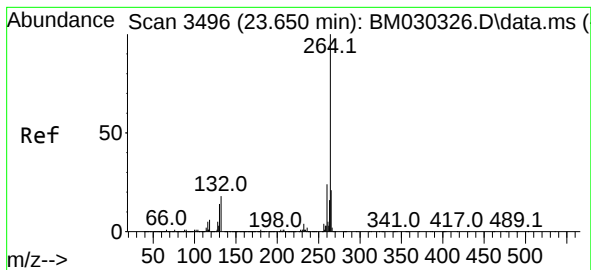
Tgt Ion:149 Resp: 11202
Ion Ratio Lower Upper
149 100
167 25.4 22.6 33.8
279 5.5 3.8 5.8



#85
Di-n-octyl phthalate
Concen: 4.177 ng
RT: 22.162 min Scan# 3243
Delta R.T. -0.006 min
Lab File: BM030370.D
Acq: 10 Jun 2021 12:28

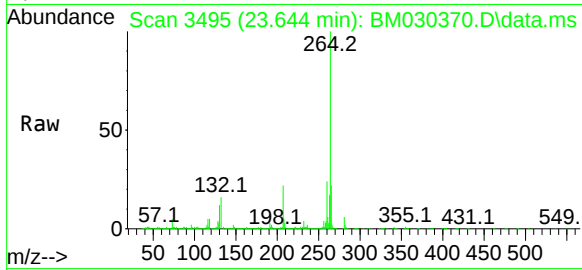
Tgt Ion:149 Resp: 1360
Ion Ratio Lower Upper
149 100
167 16.7 1.3 1.9#
43 0.0 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.644 min Scan# 3495
 Delta R.T. -0.006 min
 Lab File: BM030370.D
 Acq: 10 Jun 2021 12:28

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(86-90)



Tgt Ion:264 Resp: 1336970
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.8
 265 21.6 17.7 26.5

