

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
 Data File : BM029296.D
 Acq On : 31 Mar 2021 16:28
 Operator : CG/JU
 Sample : M1831-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B2B

Quant Time: Mar 31 17:00:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

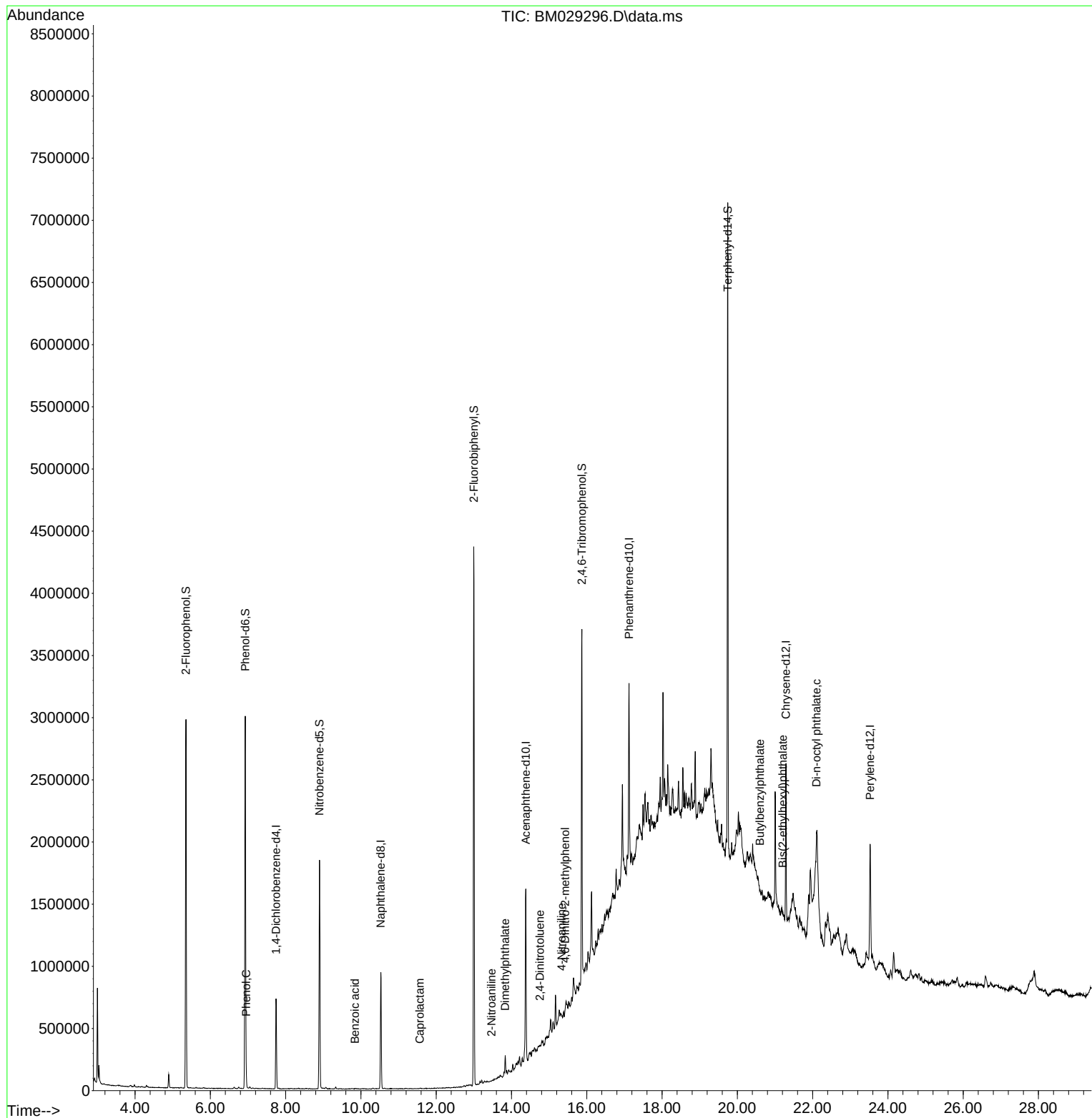
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	177162	20.00	ng	0.00
21) Naphthalene-d8	10.528	136	732787	20.00	ng	0.00
39) Acenaphthene-d10	14.381	164	435734	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	747938	20.00	ng	0.00
76) Chrysene-d12	21.292	240	546437	20.00	ng	0.00
86) Perylene-d12	23.527	264	561477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1115732	108.56	ng	0.00
7) Phenol-d6	6.928	99	1508033	102.25	ng	0.00
23) Nitrobenzene-d5	8.899	82	1053202	69.78	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	391571	97.04	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	2072011	67.45	ng	0.00
79) Terphenyl-d14	19.745	244	2045918	75.22	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.952	94	42943	2.95	ng	91
32) Benzoic acid	9.846	122	77	4.48	ng	# 53
35) Caprolactam	11.563	113	53	4.88	ng	# 1
48) 2-Nitroaniline	13.469	65	224	3.30	ng	# 75
50) Dimethylphthalate	13.834	163	94048	3.09	ng	99
57) 2,4-Dinitrotoluene	14.757	165	412	3.21	ng	# 30
62) 4-Nitroaniline	15.333	138	1364	3.74	ng	90
65) 4,6-Dinitro-2-methylph...	15.428	198	126	5.37	ng	# 1
80) Butylbenzylphthalate	20.598	149	2346	3.73	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.209	149	5157	3.80	ng	# 78
85) Di-n-octyl phthalate	22.104	149	300930	12.34	ng	# 72

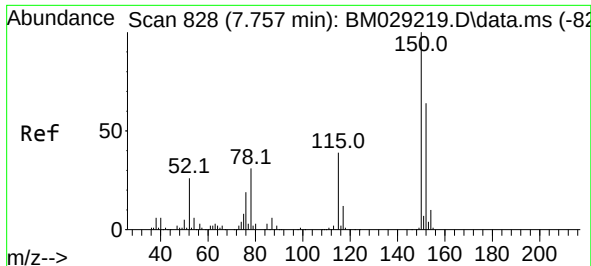
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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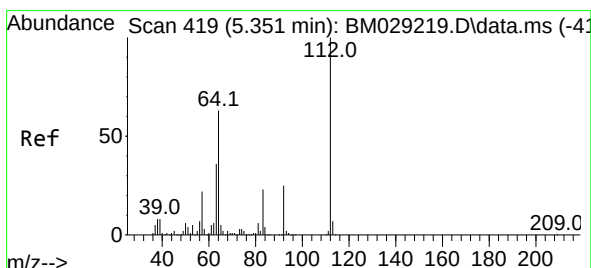
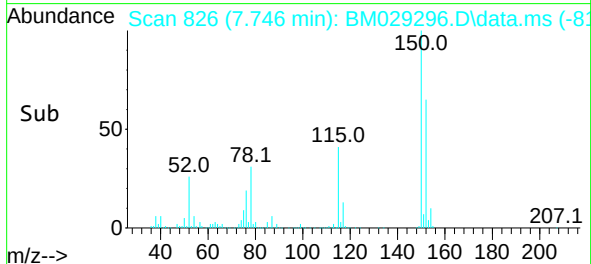
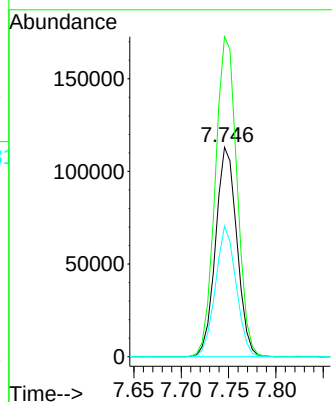
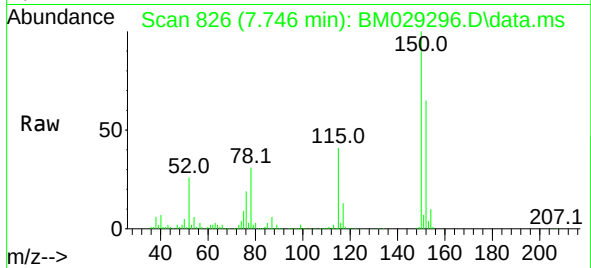




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.746 min Scan# 826
Delta R.T. -0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

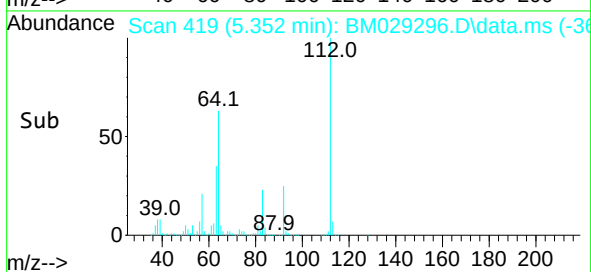
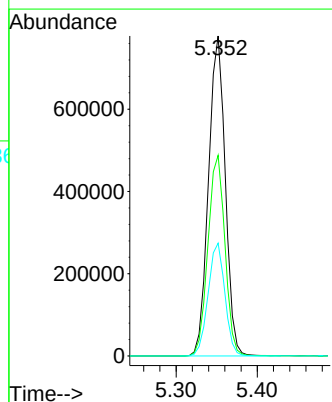
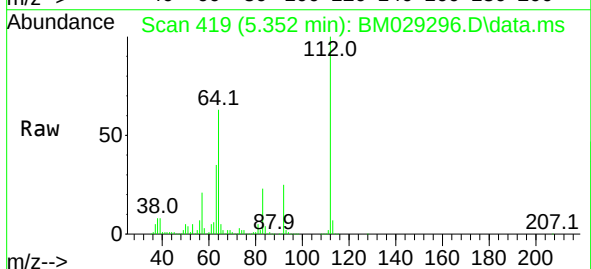
Instrument :
BNA_M
ClientSampleId :
B2B

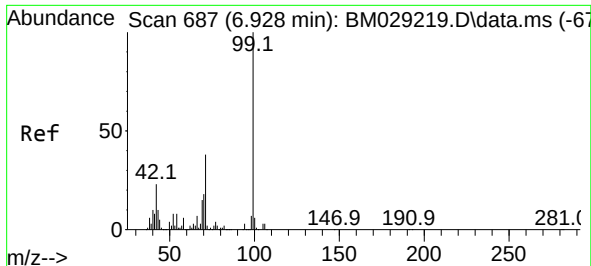
Tgt Ion:152 Resp: 177162
Ion Ratio Lower Upper
152 100
150 152.8 124.3 186.5
115 62.3 46.4 69.6



#5
2-Fluorophenol
Concen: 108.56 ng
RT: 5.352 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion:112 Resp: 1115732
Ion Ratio Lower Upper
112 100
64 62.7 51.6 77.4
63 35.2 29.0 43.4

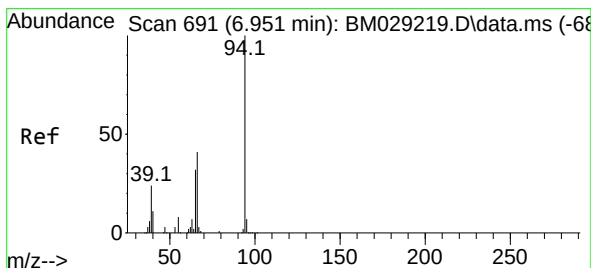
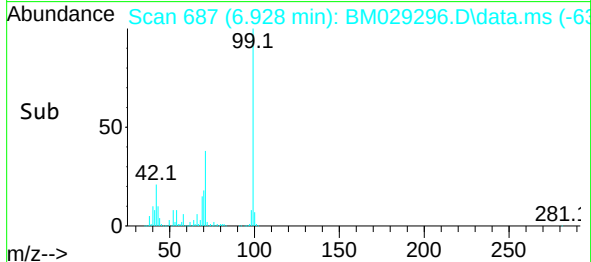
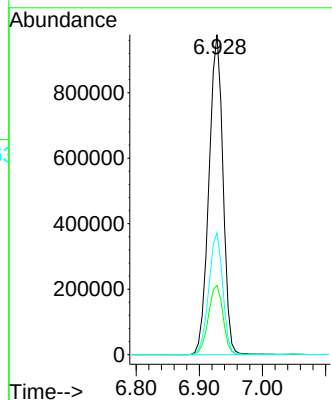
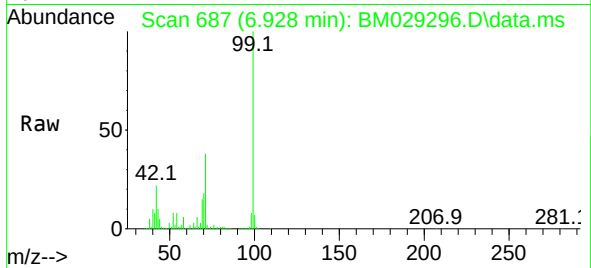




#7
Phenol-d6
Concen: 102.25 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

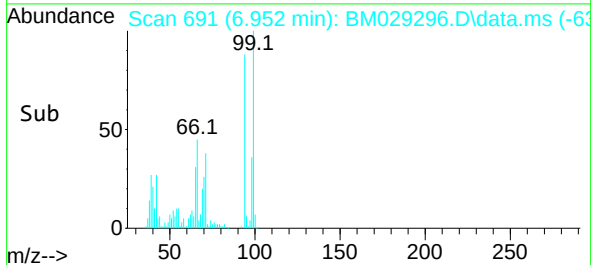
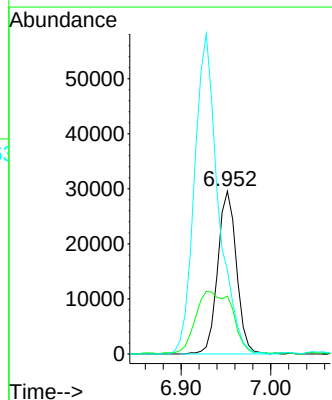
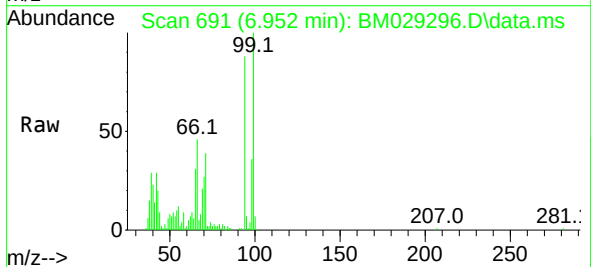
Instrument :
BNA_M
ClientSampled :
B2B

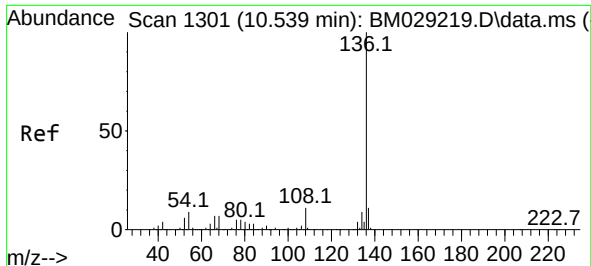
Tgt Ion: 99 Resp: 1508033
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 38.0 31.8 47.6



#10
Phenol
Concen: 2.95 ng
RT: 6.952 min Scan# 691
Delta R.T. 0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion: 94 Resp: 42943
Ion Ratio Lower Upper
94 100
65 35.6 13.0 53.0
66 51.6 24.1 64.1

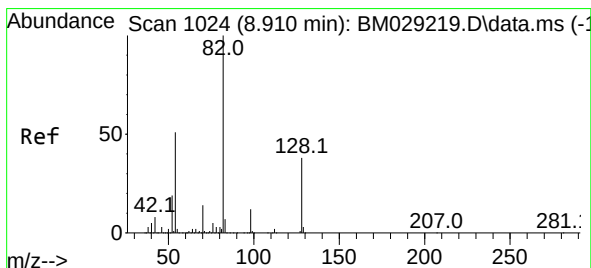
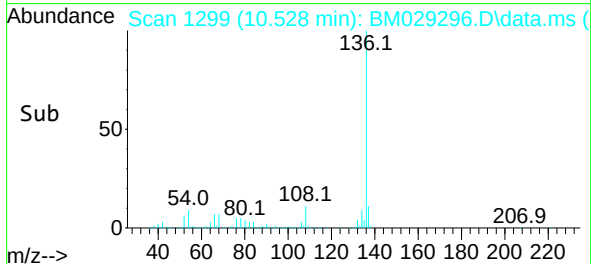
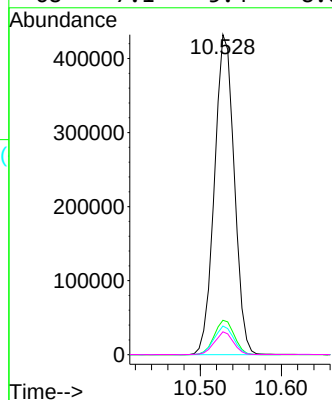
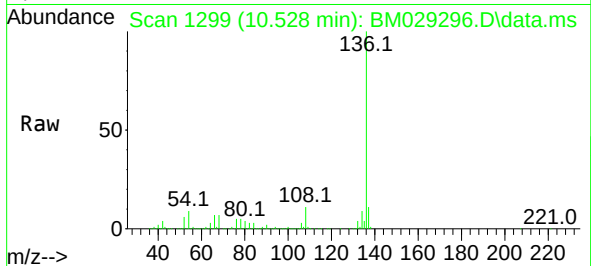




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

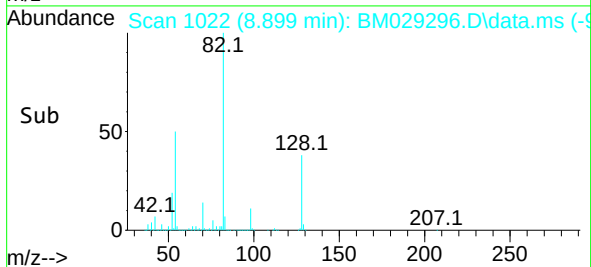
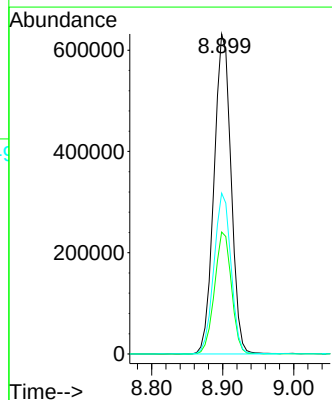
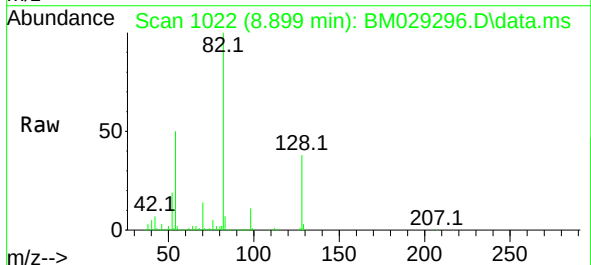
Instrument :
BNA_M
ClientSampled :
B2B

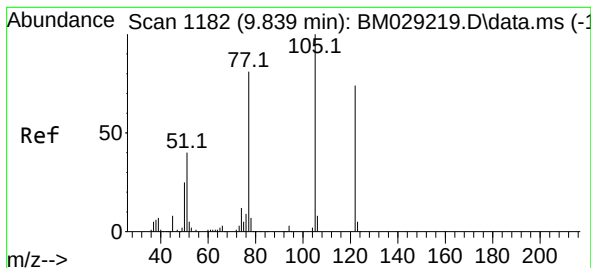
Tgt Ion:	136	Resp:	732787
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	8.9	6.9	10.3
68	7.1	5.4	8.0



#23
Nitrobenzene-d5
Concen: 69.78 ng
RT: 8.899 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion:	82	Resp:	1053202
Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.6	42.8
54	50.2	40.7	61.1





#32

Benzoic acid

Concen: 4.48 ng

RT: 9.846 min Scan# 1183

Delta R.T. 0.018 min

Lab File: BM029296.D

Acq: 31 Mar 2021 16:28

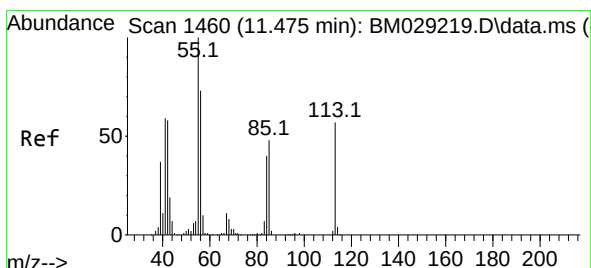
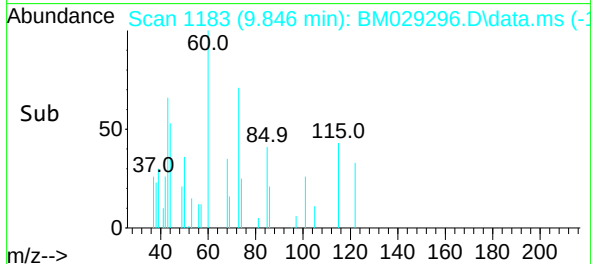
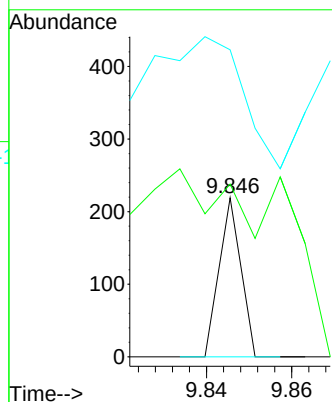
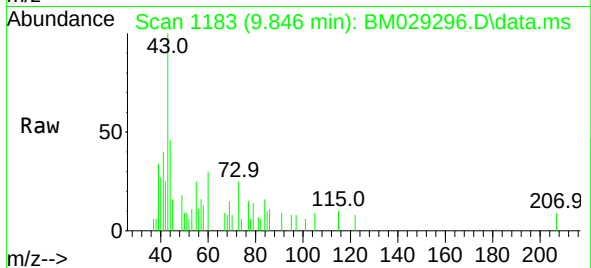
Instrument :

BNA_M

ClientSampleId :

B2B

Tgt Ion:	122	Resp:	77
Ion	Ratio	Lower	Upper
122	100		
105	108.7	108.2	148.2
77	193.2	86.0	126.0#



#35

Caprolactam

Concen: 4.88 ng

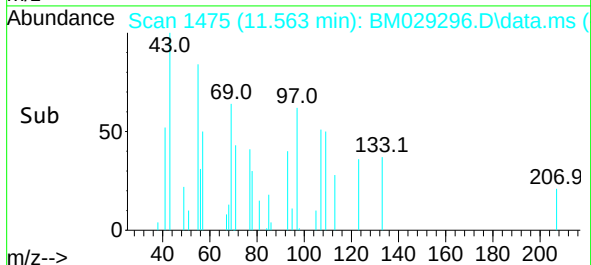
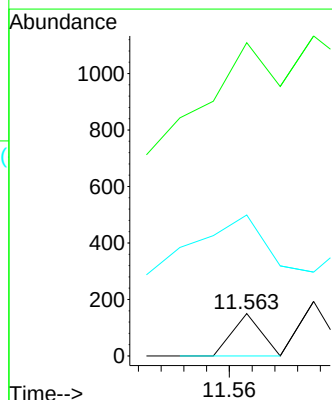
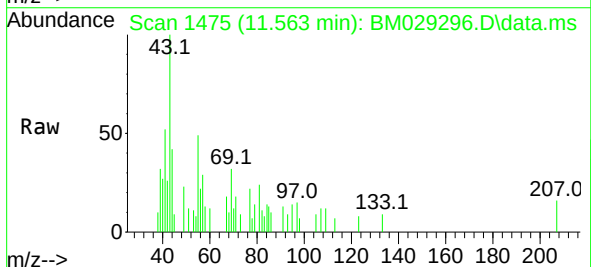
RT: 11.563 min Scan# 1475

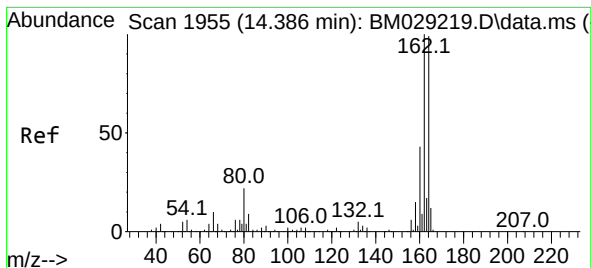
Delta R.T. 0.100 min

Lab File: BM029296.D

Acq: 31 Mar 2021 16:28

Tgt Ion:	113	Resp:	53
Ion	Ratio	Lower	Upper
113	100		
55	739.3	149.4	189.4#
56	332.7	110.8	150.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.381 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BM029296.D

Acq: 31 Mar 2021 16:28

Instrument :

BNA_M

ClientSampleId :

B2B

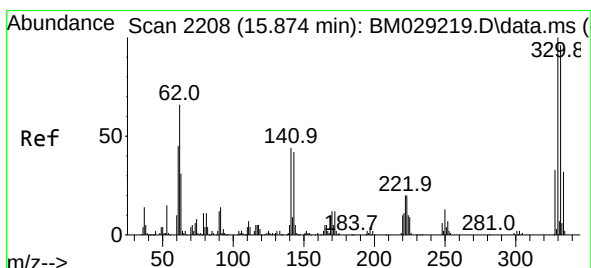
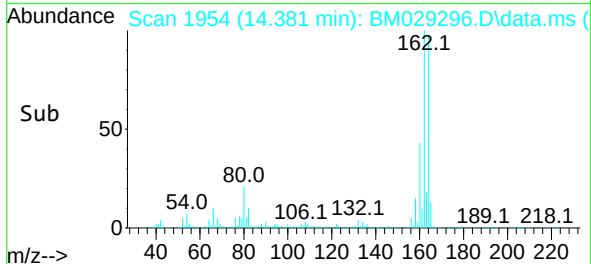
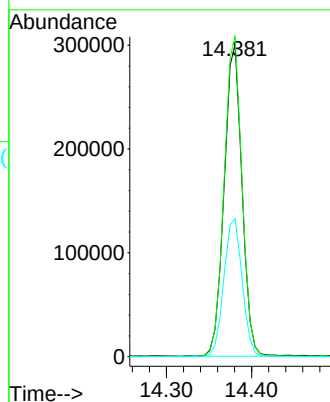
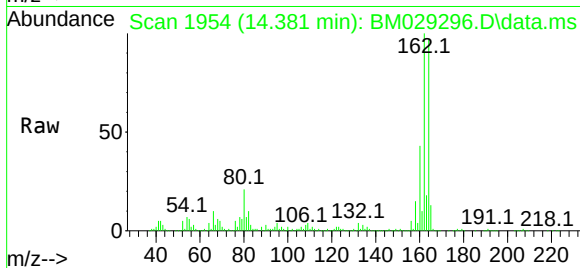
Tgt Ion:164 Resp: 435734

Ion Ratio Lower Upper

164 100

162 102.6 84.4 126.6

160 44.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 97.04 ng

RT: 15.869 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BM029296.D

Acq: 31 Mar 2021 16:28

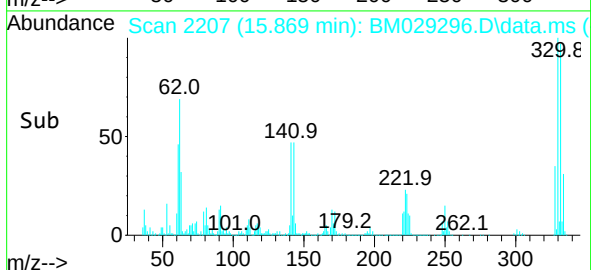
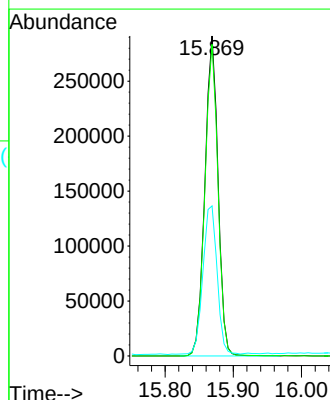
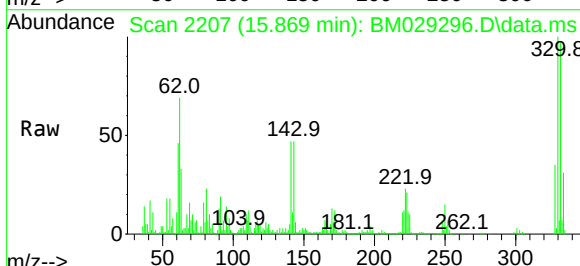
Tgt Ion:330 Resp: 391571

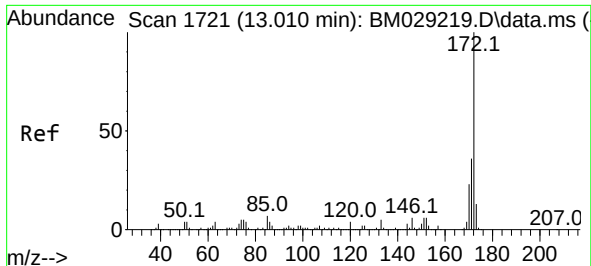
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

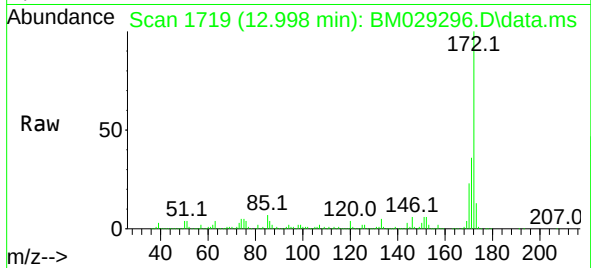
141 50.1 39.2 58.8



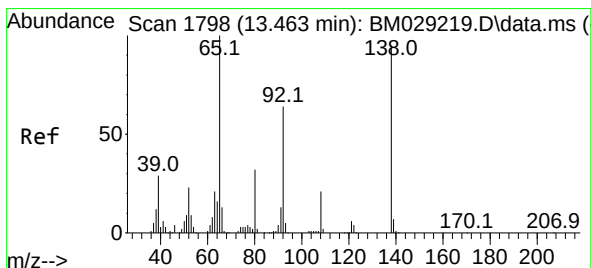
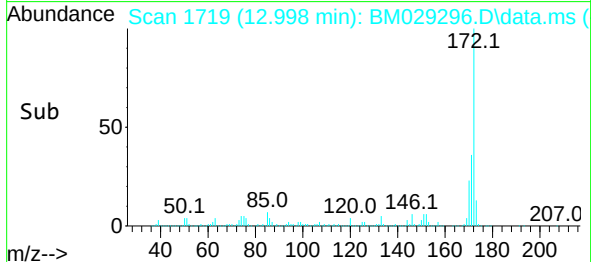
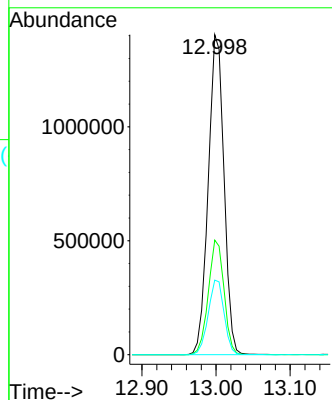


#45
2-Fluorobiphenyl
Concen: 67.45 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Instrument :
BNA_M
ClientSampled :
B2B

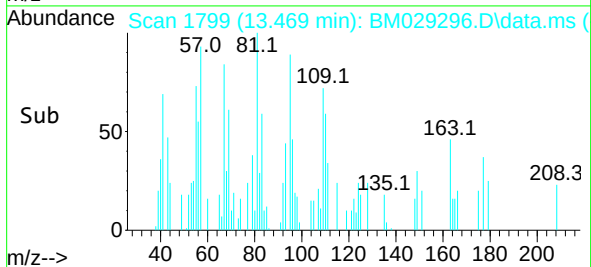
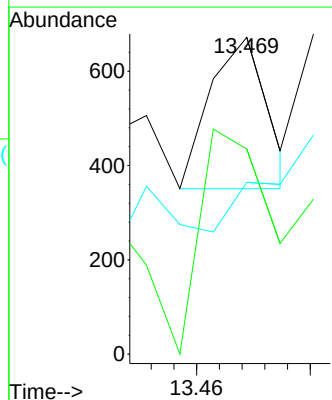
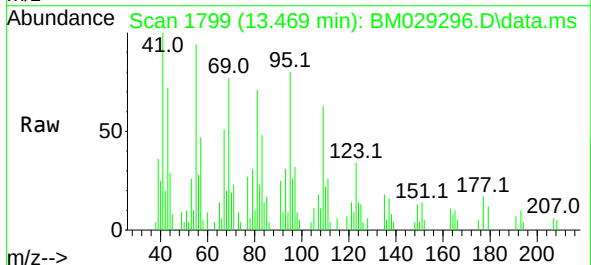


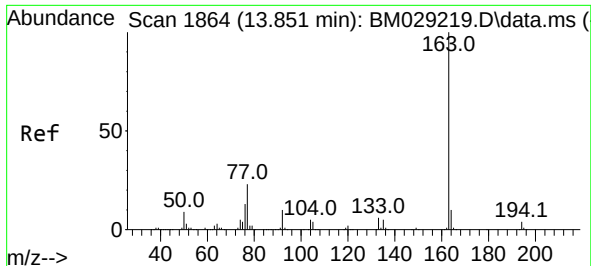
Tgt Ion:172 Resp: 2072011
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.3 18.8 28.2



#48
2-Nitroaniline
Concen: 3.30 ng
RT: 13.469 min Scan# 1799
Delta R.T. 0.018 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

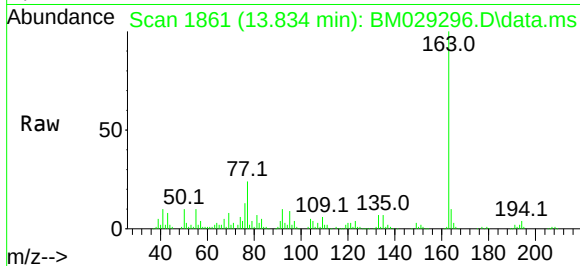
Tgt Ion: 65 Resp: 224
Ion Ratio Lower Upper
65 100
92 64.7 52.4 78.6
138 54.2 75.0 112.6#



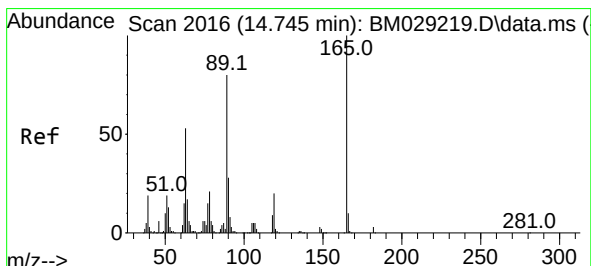
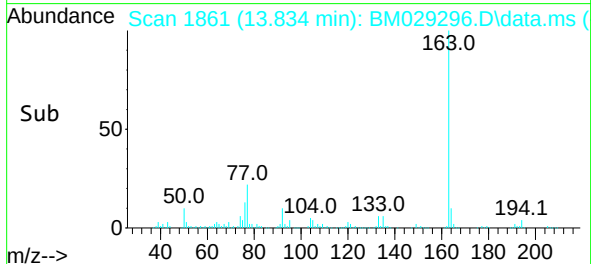
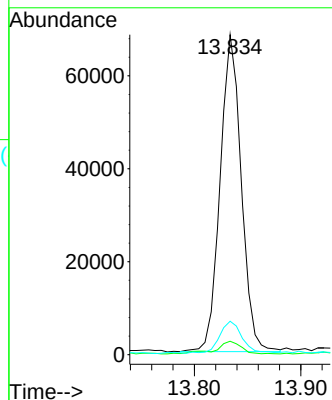


#50
Dimethylphthalate
Concen: 3.09 ng
RT: 13.834 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Instrument :
BNA_M
ClientSampled :
B2B

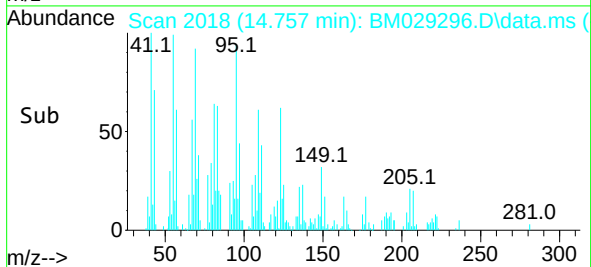
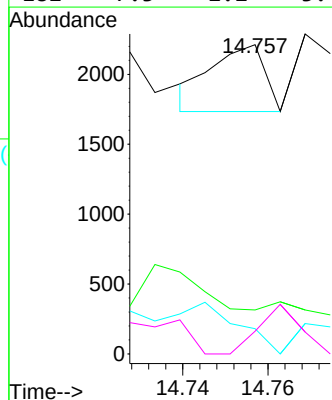
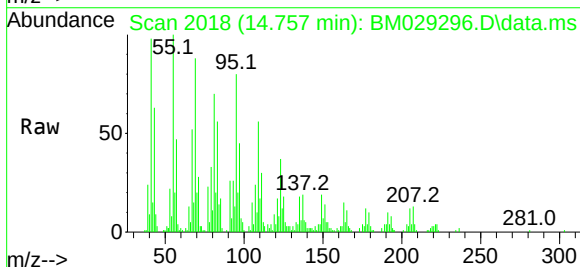


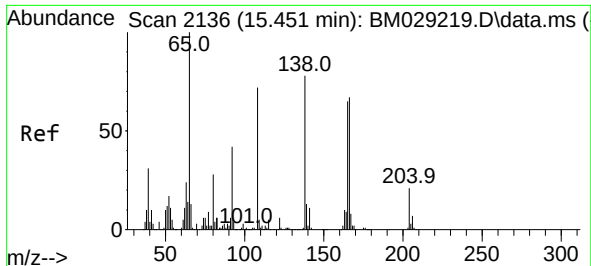
Tgt Ion:163 Resp: 94048
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.4 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 3.21 ng
RT: 14.757 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion:165 Resp: 412
Ion Ratio Lower Upper
165 100
63 14.2 42.2 63.4#
89 8.1 65.6 98.4#
182 7.3 2.2 3.4#

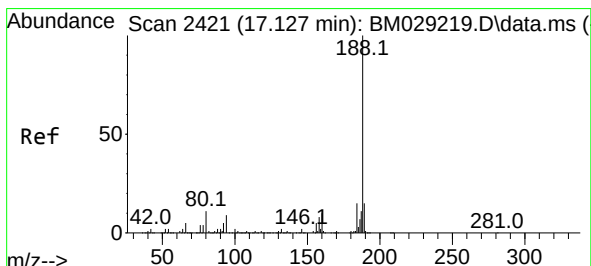
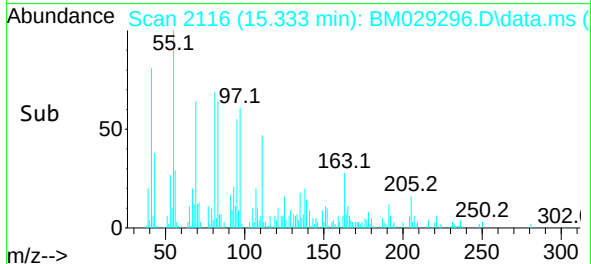
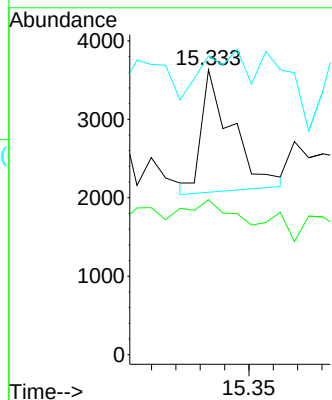
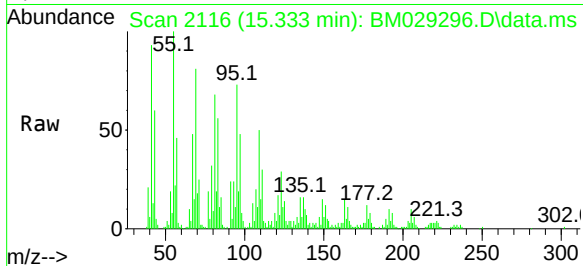




#62
4-Nitroaniline
Concen: 3.74 ng
RT: 15.333 min Scan# 2116
Delta R.T. -0.106 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

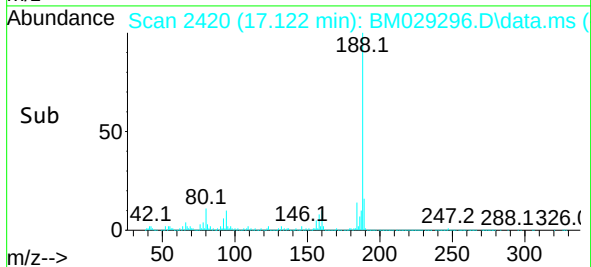
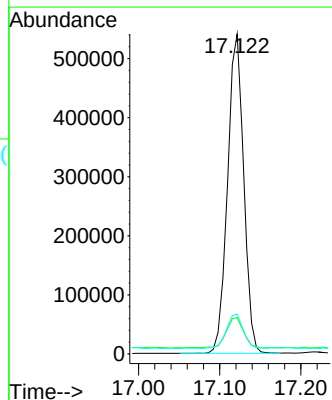
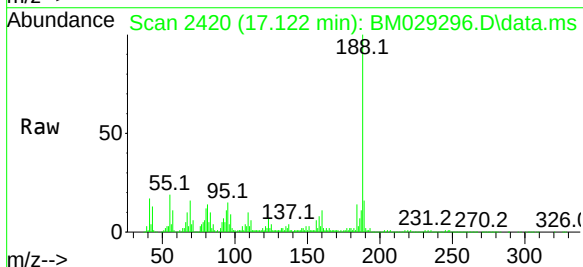
Instrument :
BNA_M
ClientSampled :
B2B

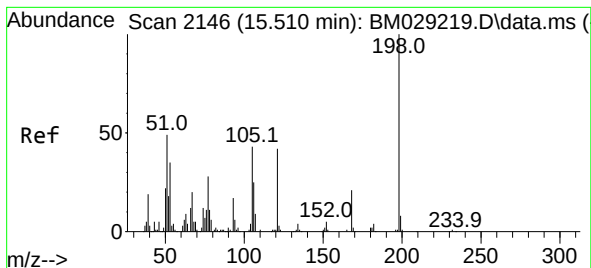
Tgt Ion:138 Resp: 1364
Ion Ratio Lower Upper
138 100
92 54.4 38.2 78.2
108 104.9 71.7 111.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion:188 Resp: 747938
Ion Ratio Lower Upper
188 100
94 11.4 8.1 12.1
80 12.5 9.2 13.8

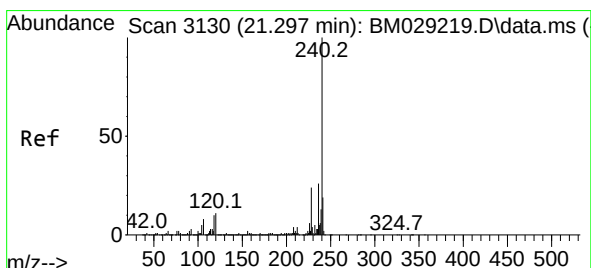
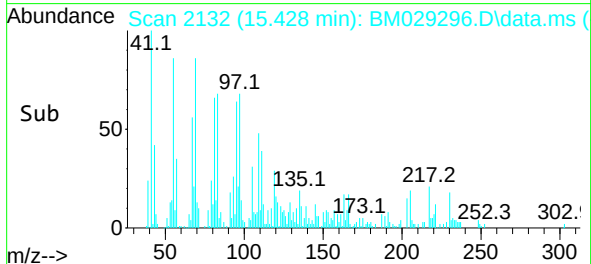
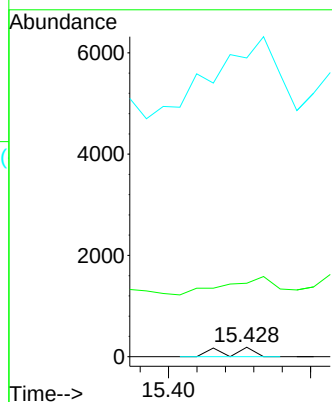
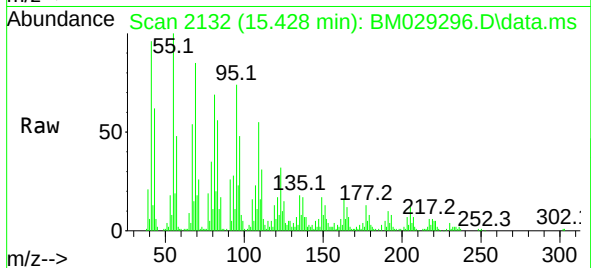




#65
4,6-Dinitro-2-methylphenol
Concen: 5.37 ng
RT: 15.428 min Scan# 2132
Delta R.T. -0.071 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

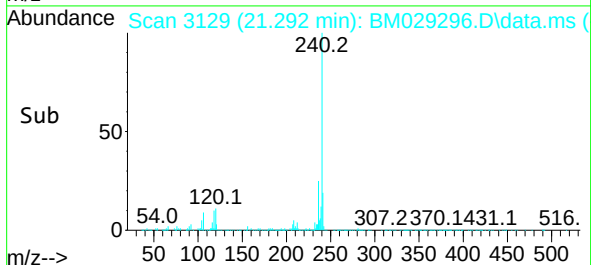
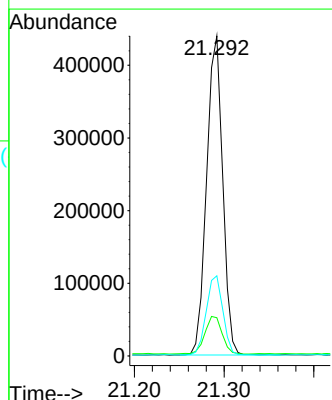
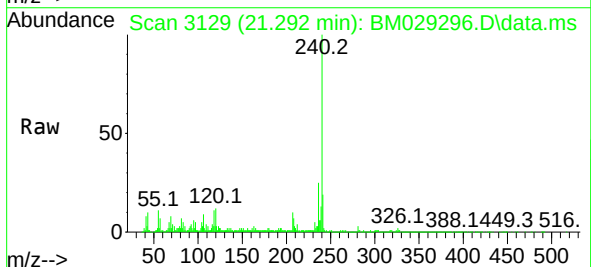
Instrument :
BNA_M
ClientSampled :
B2B

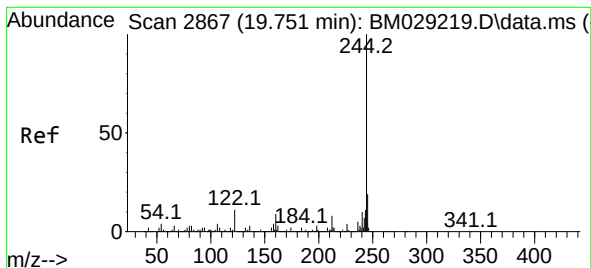
Tgt Ion:198 Resp: 126
Ion Ratio Lower Upper
198 100
51 775.4 35.1 75.1#
105 3155.6 29.4 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.292 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion:240 Resp: 546437
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 25.0 20.3 30.5





#79

Terphenyl-d14

Concen: 75.22 ng

RT: 19.745 min Scan# 2866

Delta R.T. 0.006 min

Lab File: BM029296.D

Acq: 31 Mar 2021 16:28

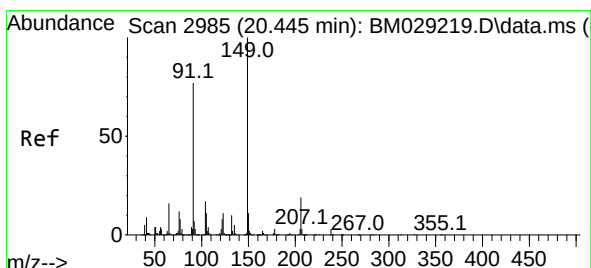
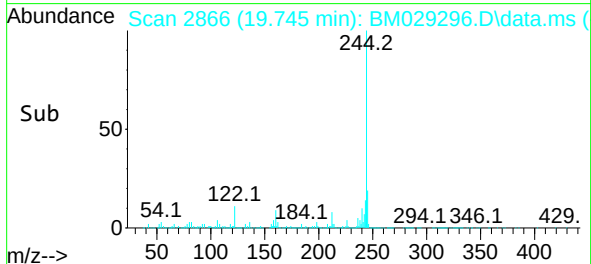
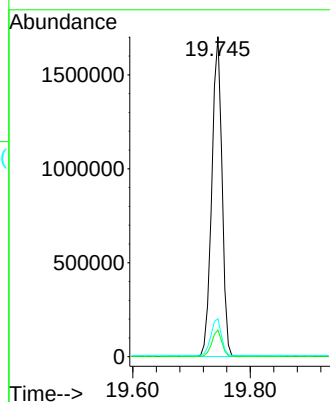
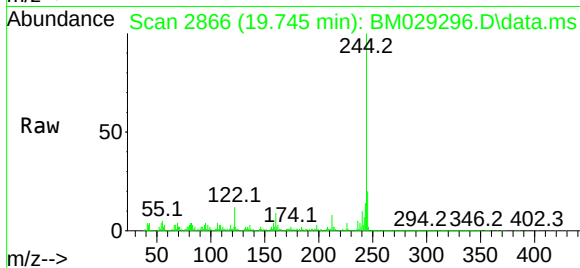
Tgt Ion:244 Resp: 2045918

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.9 9.2 13.8



#80

Butylbenzylphthalate

Concen: 3.73 ng

RT: 20.598 min Scan# 3011

Delta R.T. 0.165 min

Lab File: BM029296.D

Acq: 31 Mar 2021 16:28

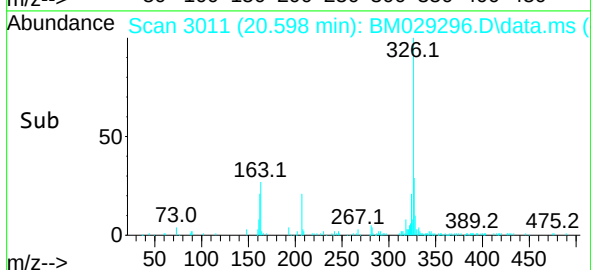
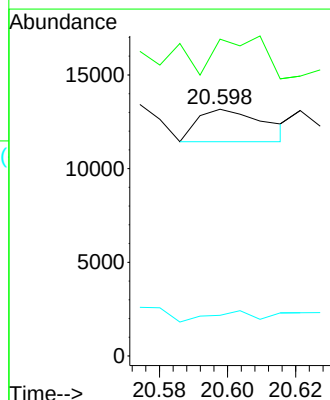
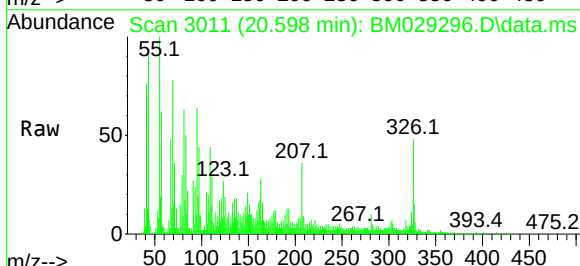
Tgt Ion:149 Resp: 2346

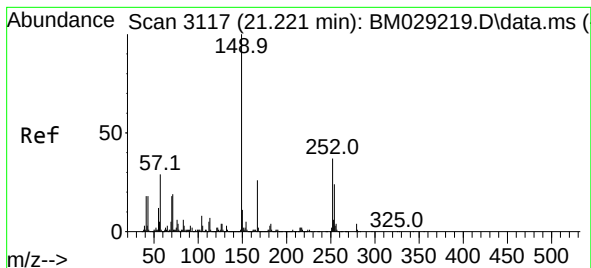
Ion Ratio Lower Upper

149 100

91 128.5 60.5 90.7#

206 16.5 15.7 23.5



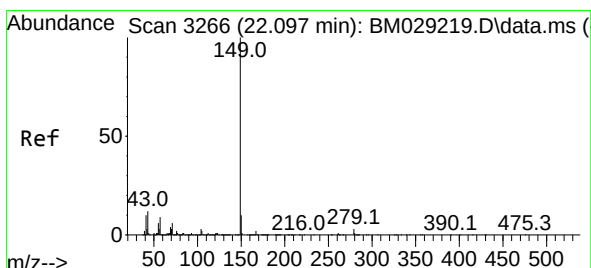
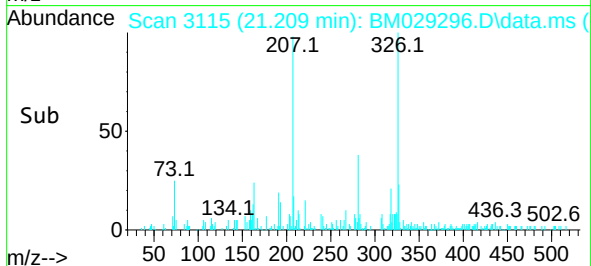
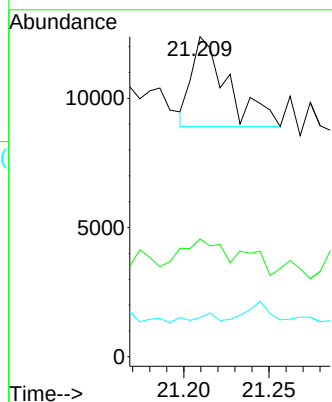
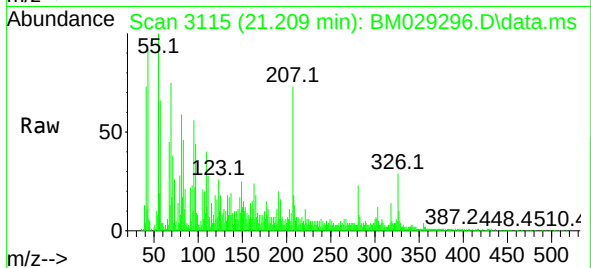


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.80 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Instrument :
BNA_M
ClientSampled :
B2B

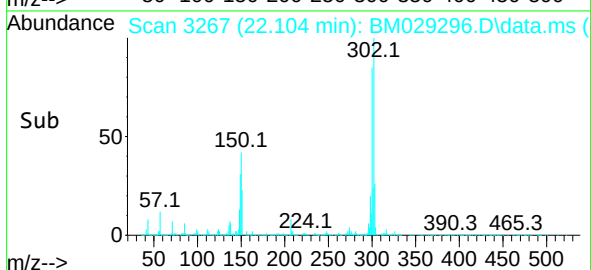
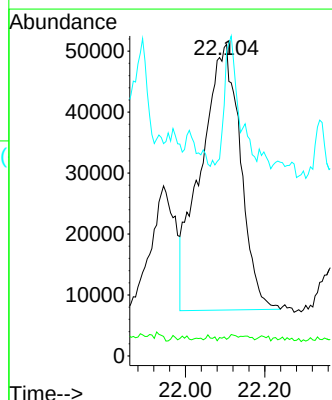
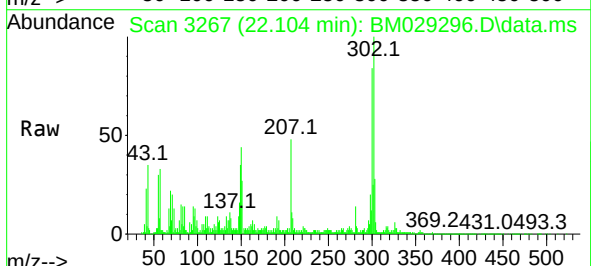
Tgt Ion:149 Resp: 5157
Ion Ratio Lower Upper
149 100
167 36.8 20.6 31.0#
279 12.3 3.3 4.9#

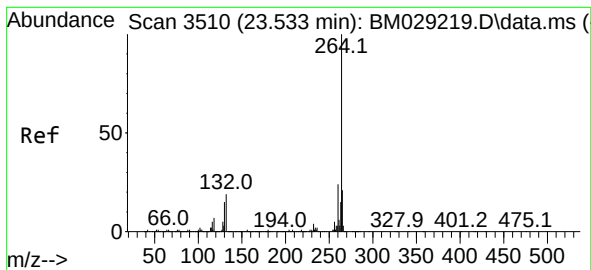


#85

Di-n-octyl phthalate
Concen: 12.34 ng
RT: 22.104 min Scan# 3267
Delta R.T. 0.018 min
Lab File: BM029296.D
Acq: 31 Mar 2021 16:28

Tgt Ion:149 Resp: 300930
Ion Ratio Lower Upper
149 100
167 0.2 1.3 1.9#
43 0.0 9.8 14.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.527 min Scan# 3509
 Delta R.T. 0.006 min
 Lab File: BM029296.D
 Acq: 31 Mar 2021 16:28

Instrument :
 BNA_M
 ClientSampleId :
 B2B

Tgt Ion:264	Resp: 561477
Ion Ratio	Lower Upper
264 100	
260 23.9	19.6 29.4
265 21.4	17.8 26.8

