

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030387.D
 Acq On : 11 Jun 2021 02:34
 Operator : CG/JU
 Sample : M2612-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(6-10)

Quant Time: Jun 11 07:54:25 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)

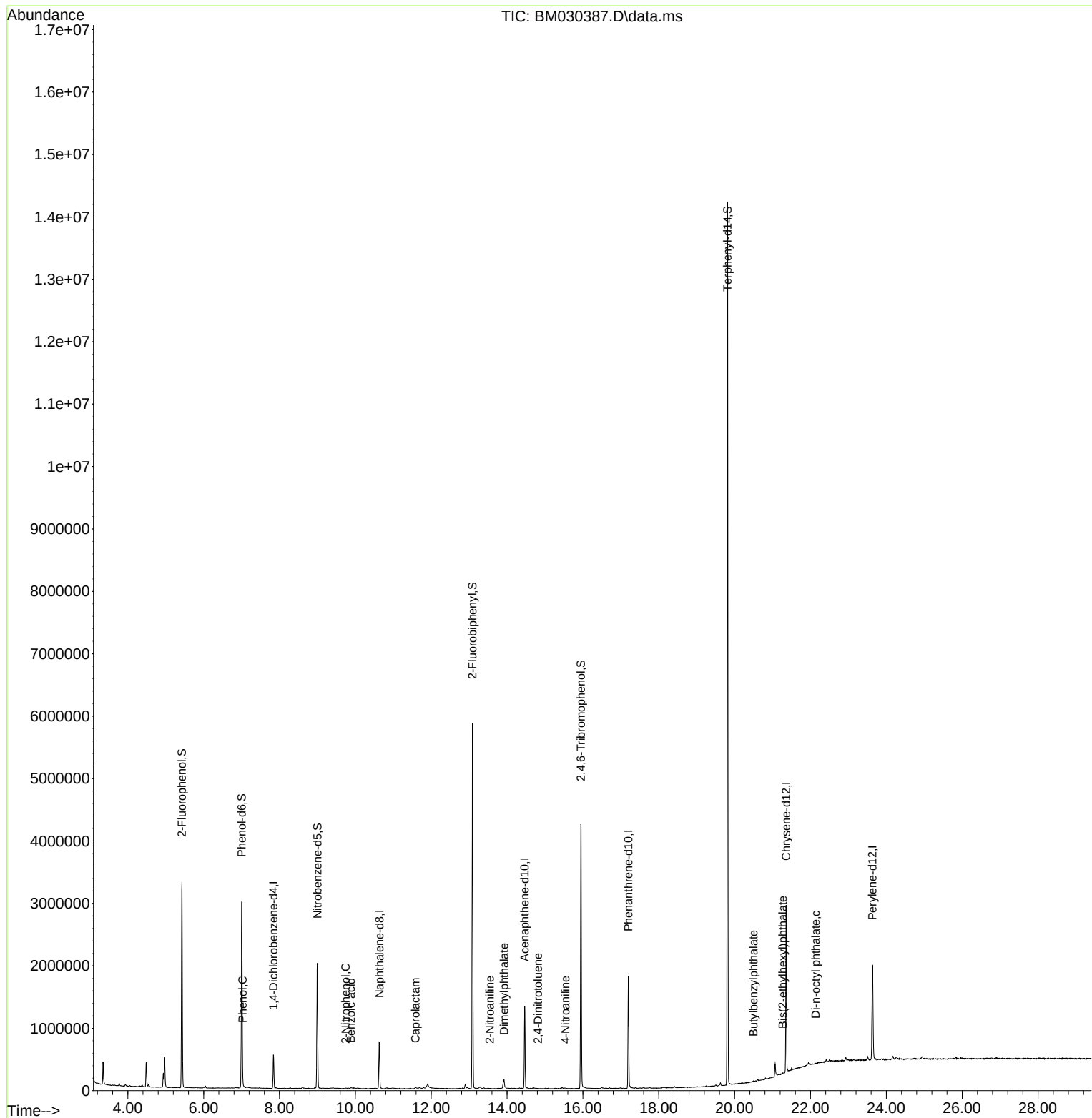
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	147757	20.00	ng	-0.01
21) Naphthalene-d8	10.633	136	638744	20.00	ng	0.00
39) Acenaphthene-d10	14.463	164	461717	20.00	ng	-0.01
64) Phenanthrene-d10	17.198	188	1108494	20.00	ng	-0.01
76) Chrysene-d12	21.356	240	1267734	20.00	ng	-0.01
86) Perylene-d12	23.633	264	1140384	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1437274	158.13	ng	0.00
7) Phenol-d6	7.004	99	1626303	123.60	ng	0.00
23) Nitrobenzene-d5	8.998	82	1155758	88.15	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	795467	137.03	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3022175	86.08	ng	-0.01
79) Terphenyl-d14	19.815	244	6364265	88.18	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.028	94	41543	3.13	ng	86
26) 2-Nitrophenol	9.739	139	580	3.32	ng	# 63
32) Benzoic acid	9.881	122	5305	5.62	ng	93
35) Caprolactam	11.586	113	3731	6.84	ng	# 26
48) 2-Nitroaniline	13.545	65	109	4.03	ng	# 4
50) Dimethylphthalate	13.922	163	79441	2.16	ng	98
57) 2,4-Dinitrotoluene	14.816	165	133	3.01	ng	# 30
62) 4-Nitroaniline	15.539	138	2889	4.89	ng	# 71
80) Butylbenzylphthalate	20.498	149	1506	4.34	ng	91
84) Bis(2-ethylhexyl)phtha...	21.268	149	3308	4.32	ng	# 95
85) Di-n-octyl phthalate	22.139	149	430	4.17	ng	# 78

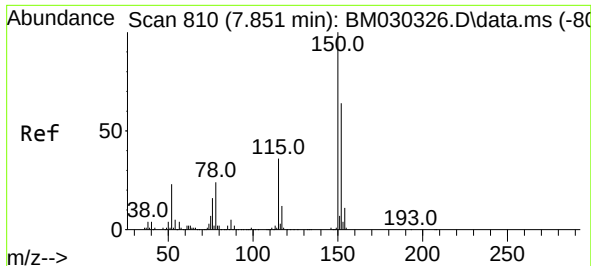
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

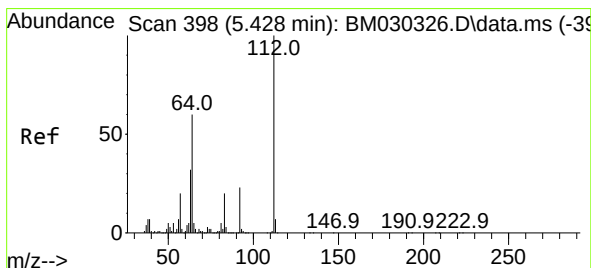
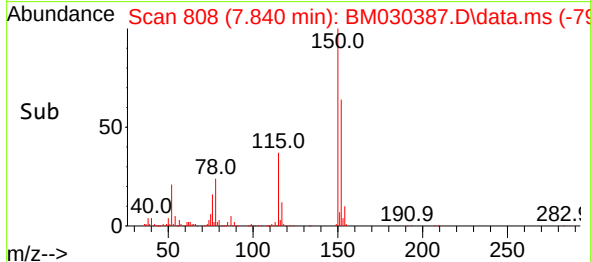
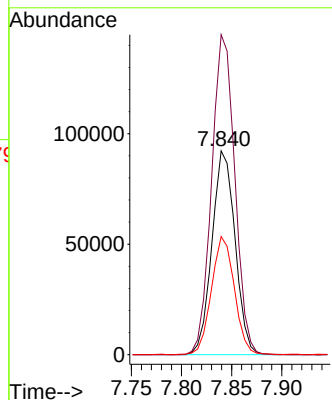
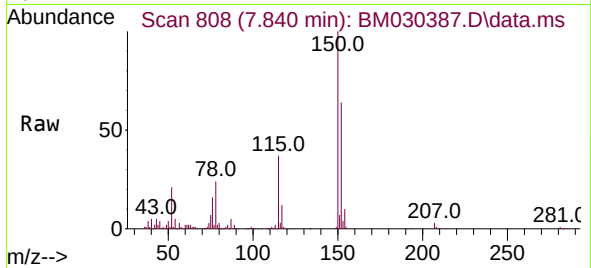




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

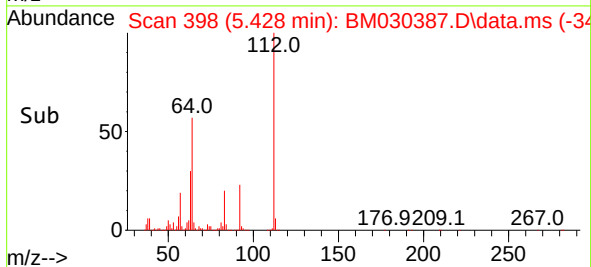
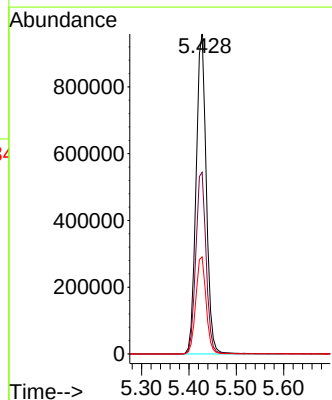
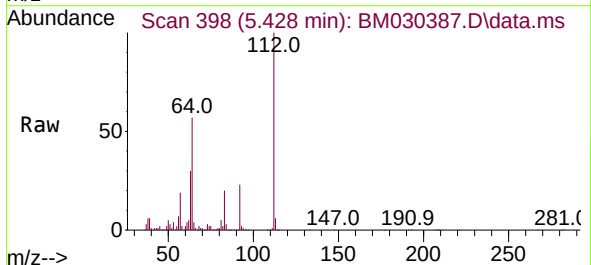
Instrument :
BNA_M
ClientSampleId :
18-B12(6-10)

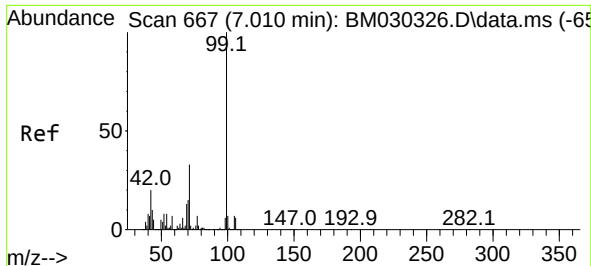
Tgt Ion:152 Resp: 147757
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 57.9 44.6 67.0



#5
2-Fluorophenol
Concen: 158.13 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:112 Resp: 1437274
Ion Ratio Lower Upper
112 100
64 56.8 47.1 70.7
63 30.3 27.3 40.9

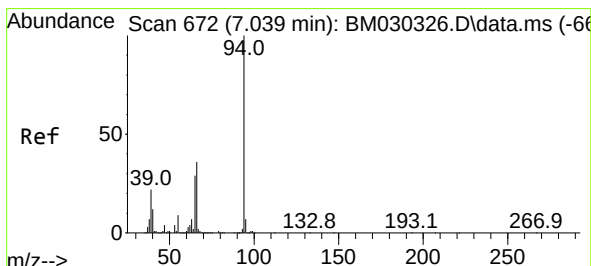
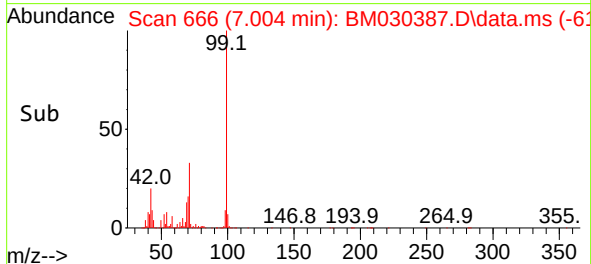
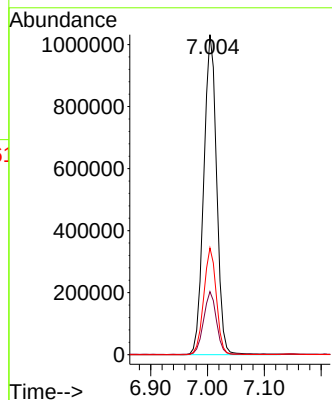
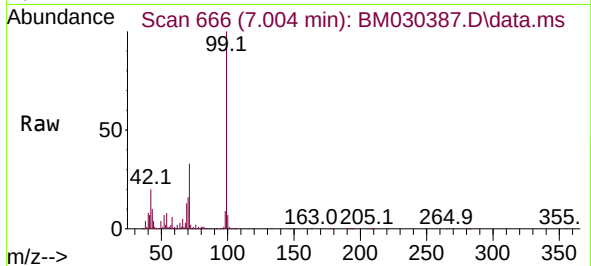




#7
Phenol-d6
Concen: 123.60 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

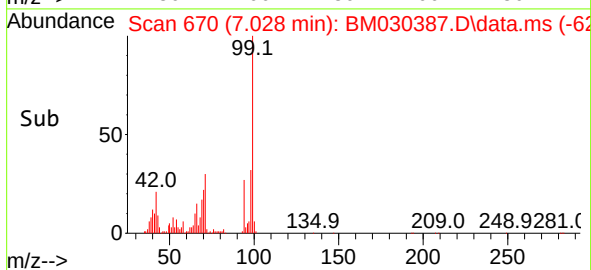
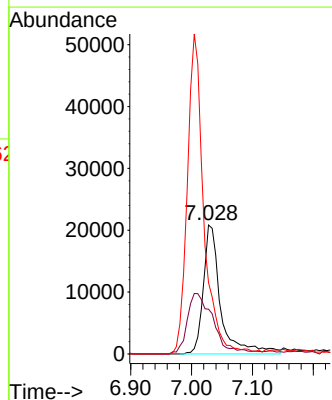
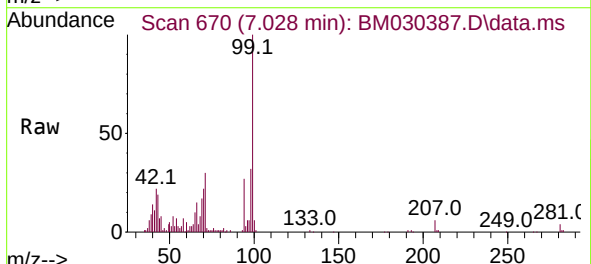
Instrument :
BNA_M
ClientSampleId :
18-B12(6-10)

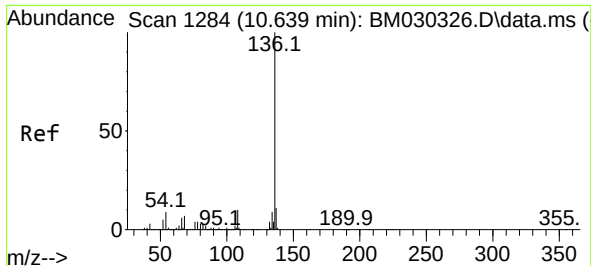
Tgt Ion: 99 Resp: 1626303
Ion Ratio Lower Upper
99 100
42 19.7 18.0 27.0
71 33.4 30.9 46.3



#10
Phenol
Concen: 3.13 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.012 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion: 94 Resp: 41543
Ion Ratio Lower Upper
94 100
65 34.8 11.9 51.9
66 55.3 22.6 62.6

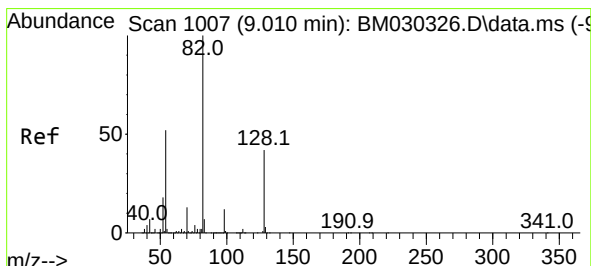
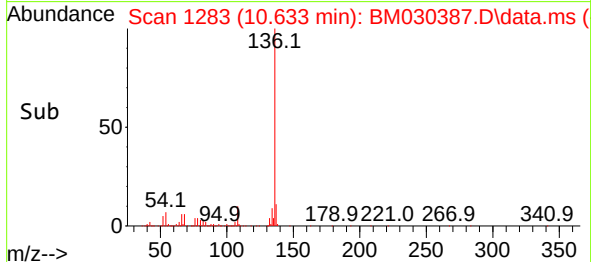
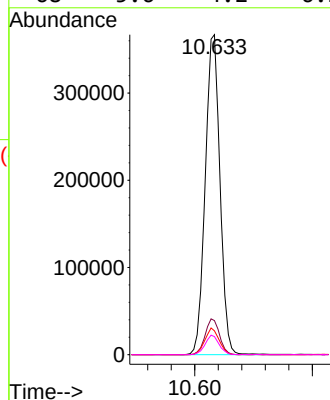
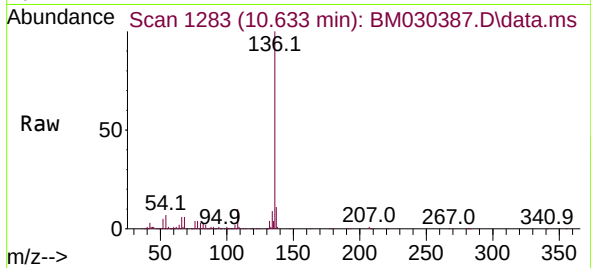




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

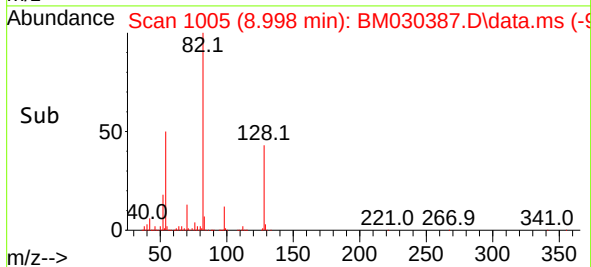
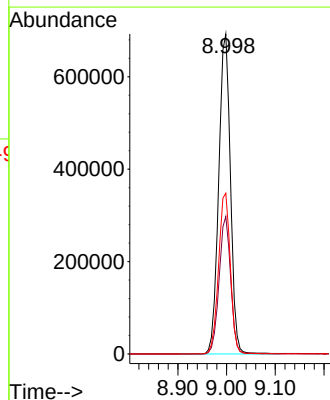
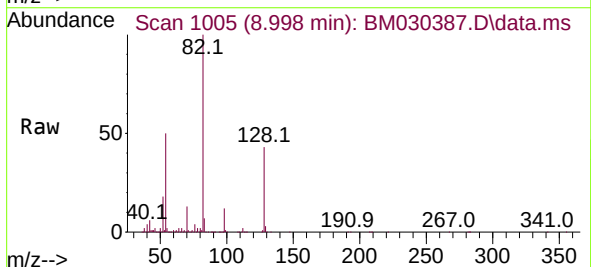
Instrument :
BNA_M
ClientSampleId :
18-B12(6-10)

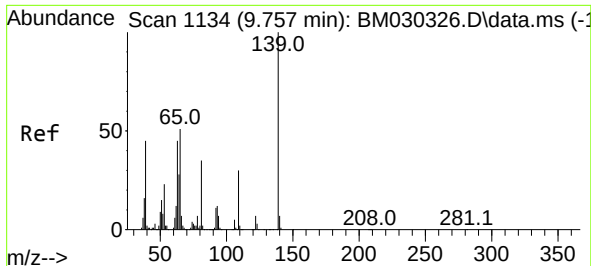
Tgt Ion:136 Resp: 638744
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.5 8.3
68 5.6 4.2 6.2



#23
Nitrobenzene-d5
Concen: 88.15 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion: 82 Resp: 1155758
Ion Ratio Lower Upper
82 100
128 42.9 31.1 46.7
54 50.2 37.3 55.9

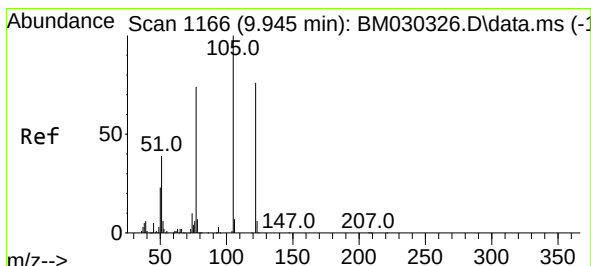
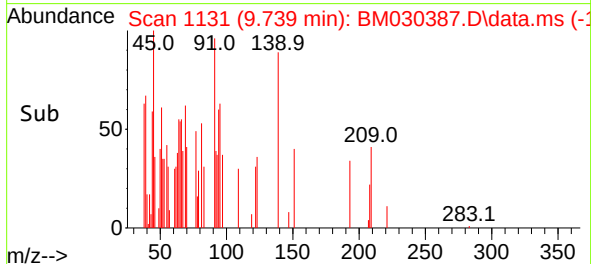
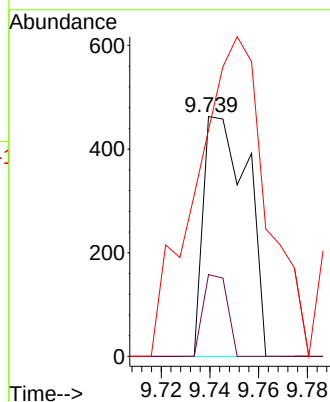
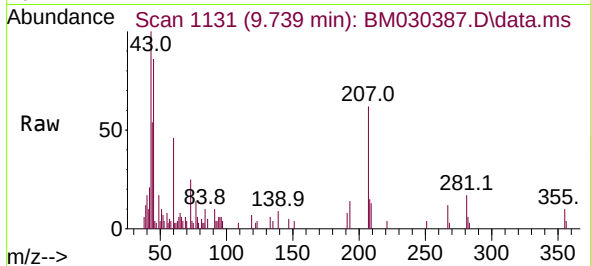




#26
2-Nitrophenol
Concen: 3.32 ng
RT: 9.739 min Scan# 1131
Delta R.T. -0.018 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

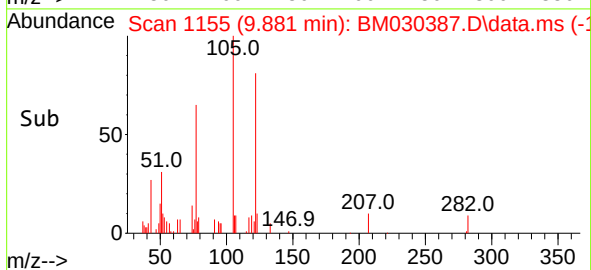
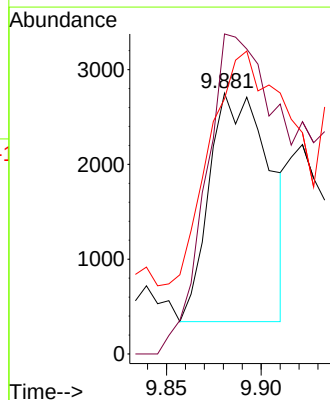
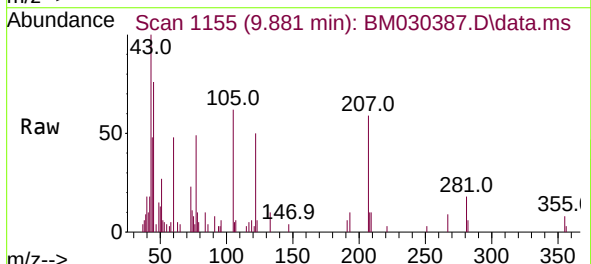
Instrument :
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ClientSampleId :
18-B12(6-10)

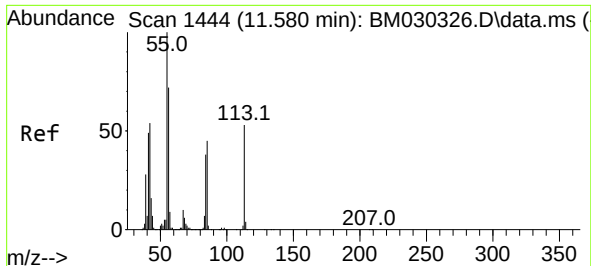
Tgt Ion:139 Resp: 580
Ion Ratio Lower Upper
139 100
109 34.1 26.7 40.1
65 94.4 41.9 62.9#



#32
Benzoic acid
Concen: 5.62 ng
RT: 9.881 min Scan# 1155
Delta R.T. -0.064 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:122 Resp: 5305
Ion Ratio Lower Upper
122 100
105 122.7 107.3 147.3
77 97.9 88.0 128.0

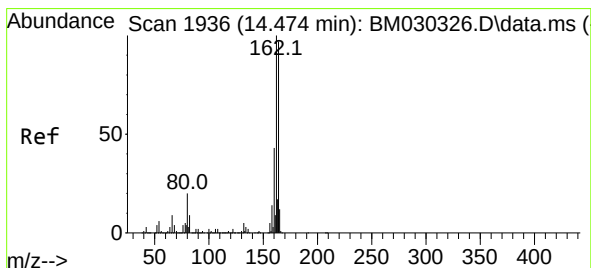
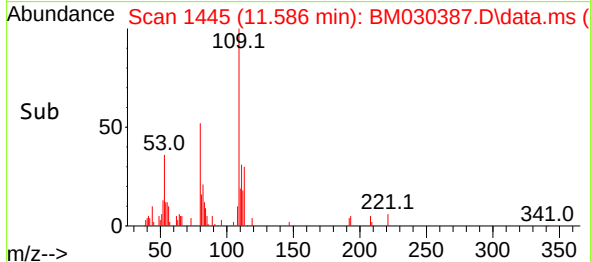
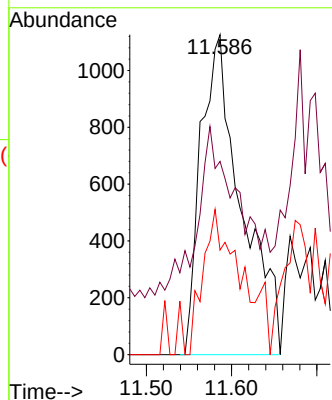
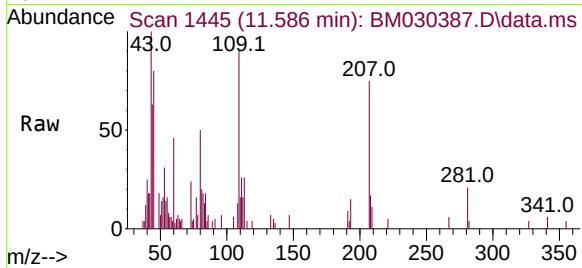




#35
Caprolactam
Concen: 6.84 ng
RT: 11.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

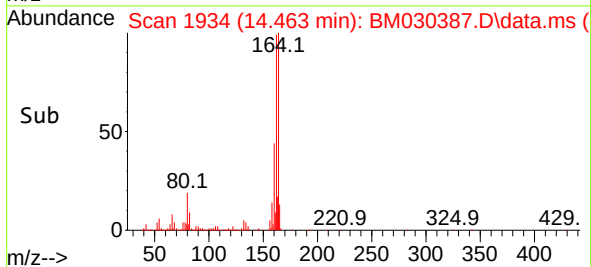
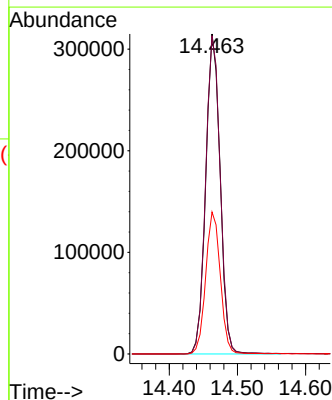
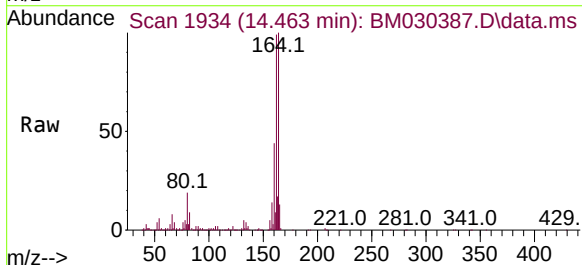
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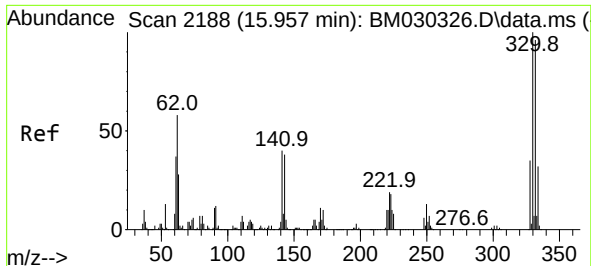
Tgt Ion:113 Resp: 3731
Ion Ratio Lower Upper
113 100
55 60.4 132.0 172.0#
56 32.7 96.3 136.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:164 Resp: 461717
Ion Ratio Lower Upper
164 100
162 99.5 83.4 125.0
160 44.3 37.2 55.8

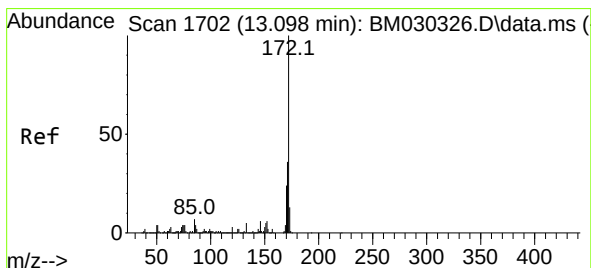
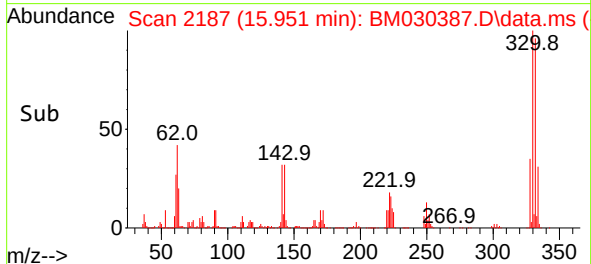
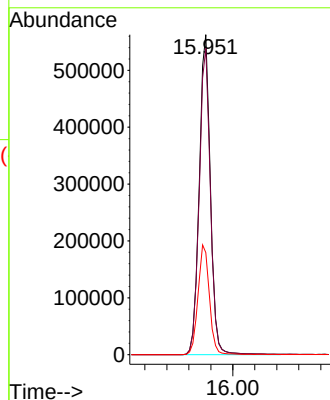
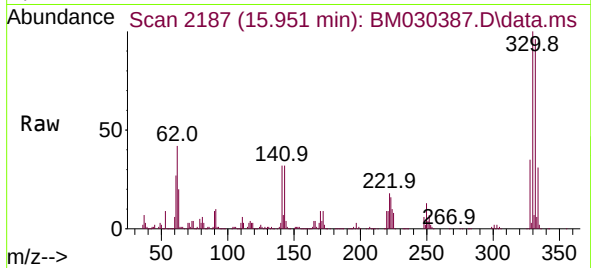




#42
2,4,6-Tribromophenol
Concen: 137.03 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

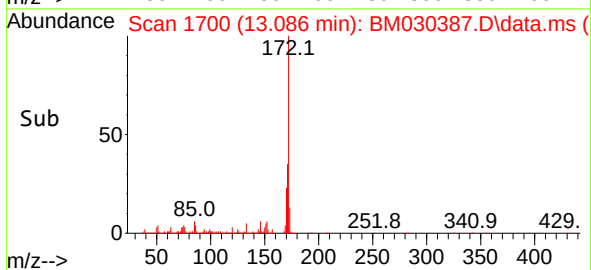
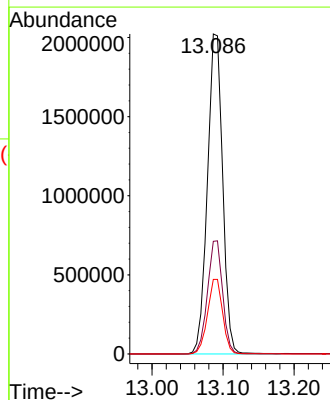
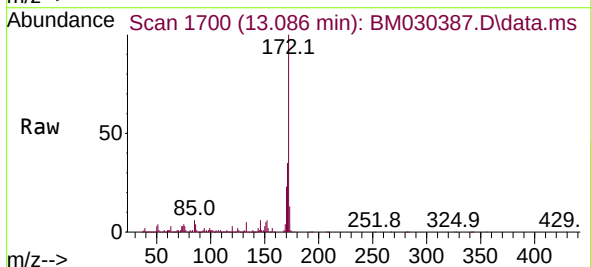
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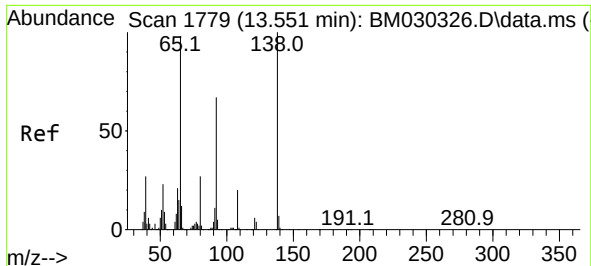
Tgt Ion:330 Resp: 795467
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 35.0 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 86.08 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:172 Resp: 3022175
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.3 18.4 27.6

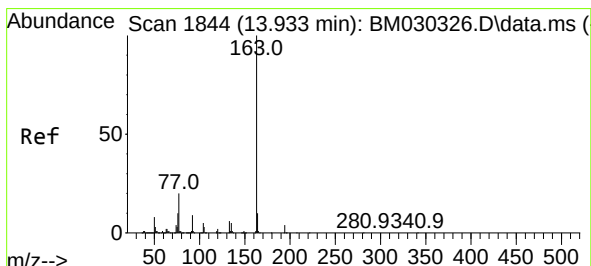
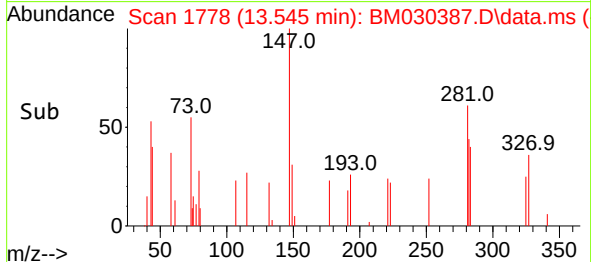
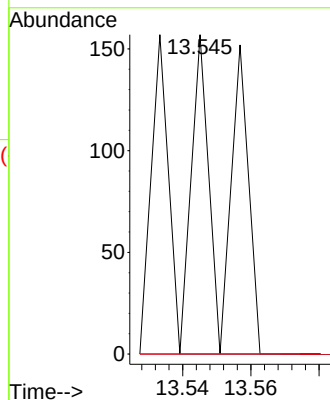
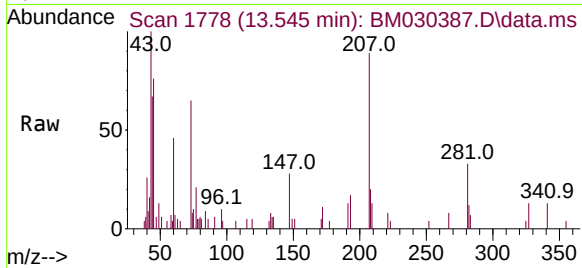




#48
2-Nitroaniline
Concen: 4.03 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

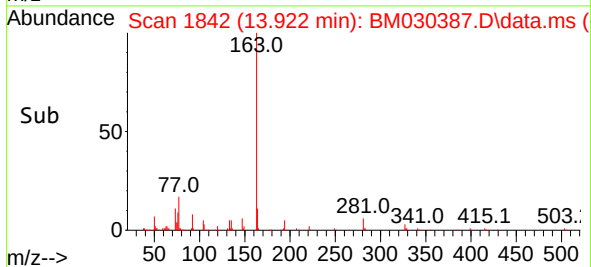
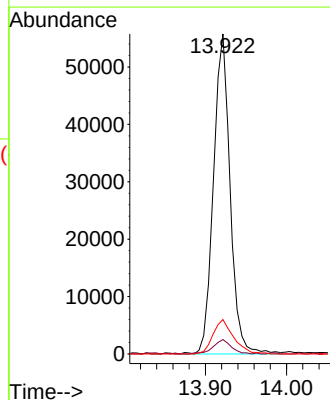
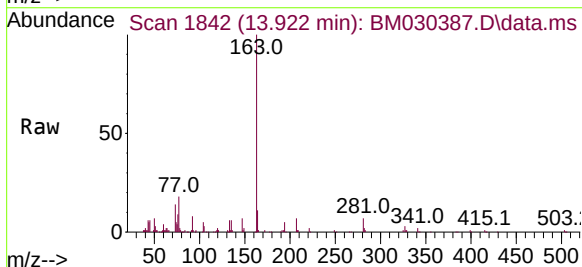
Instrument :
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18-B12(6-10)

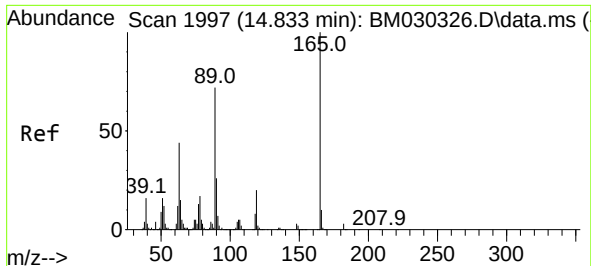
Tgt Ion: 65 Resp: 109
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 2.16 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:163 Resp: 79441
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.8 7.9 11.9

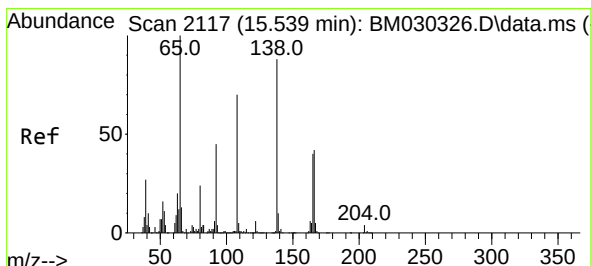
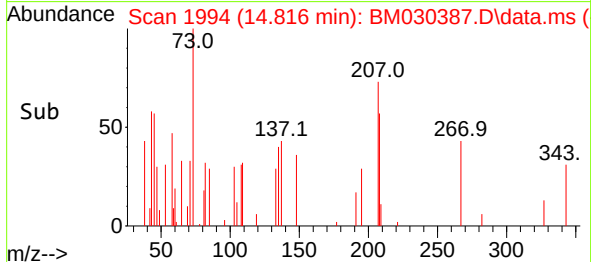
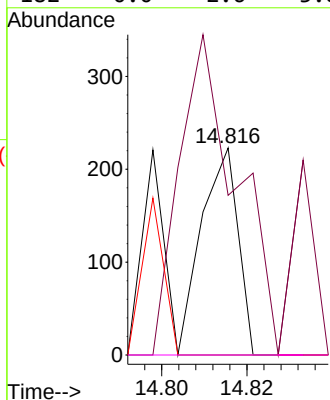
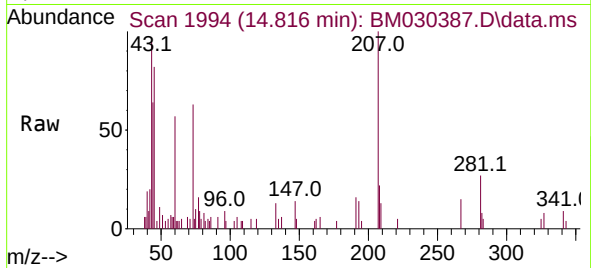




#57
2,4-Dinitrotoluene
Concen: 3.01 ng
RT: 14.816 min Scan# 1994
Delta R.T. -0.017 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

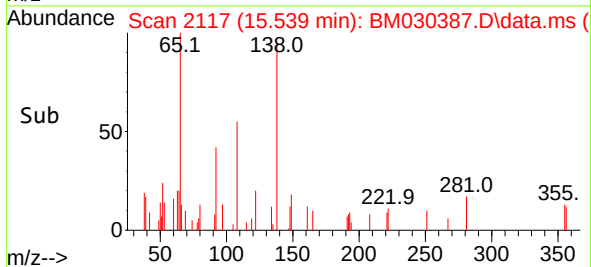
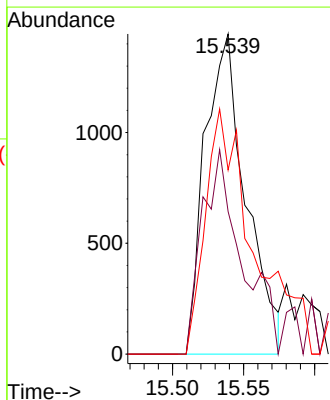
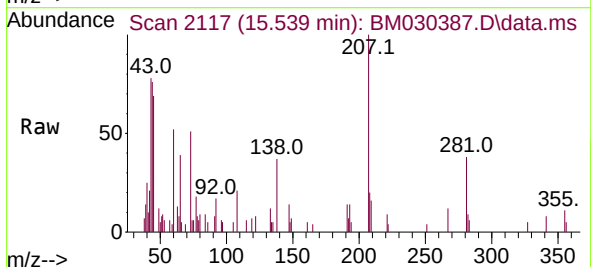
Instrument :
BNA_M
ClientSampled :
18-B12(6-10)

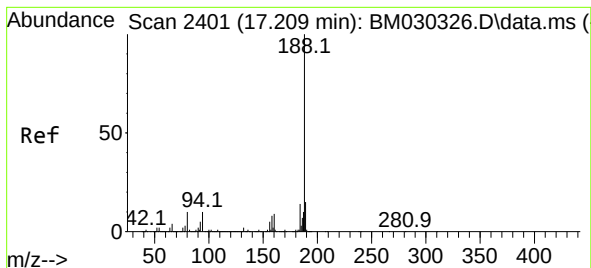
Tgt Ion:165 Resp: 133
Ion Ratio Lower Upper
165 100
63 77.1 35.0 52.4#
89 0.0 55.2 82.8#
182 0.0 2.6 3.8#



#62
4-Nitroaniline
Concen: 4.89 ng
RT: 15.539 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:138 Resp: 2889
Ion Ratio Lower Upper
138 100
92 44.5 33.4 73.4
108 57.5 75.5 115.5#

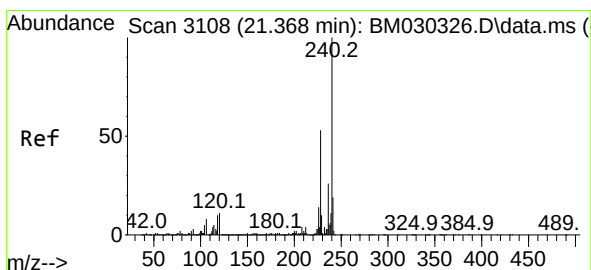
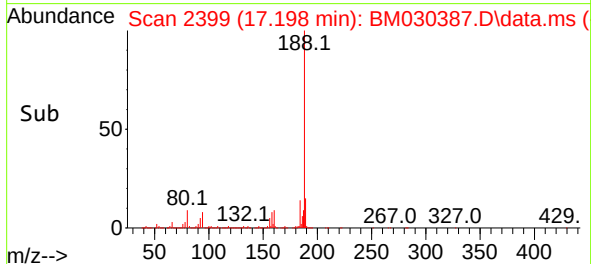
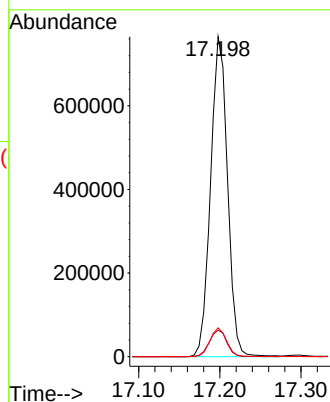
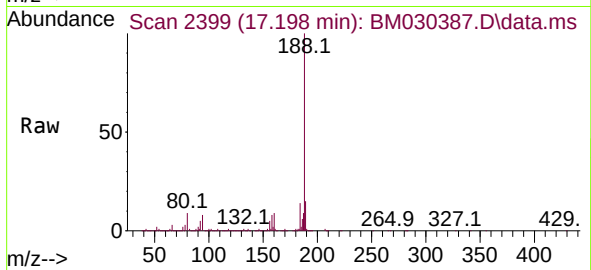




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

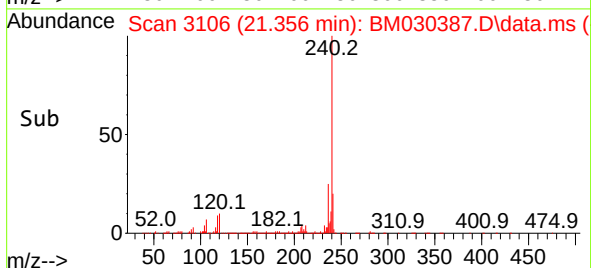
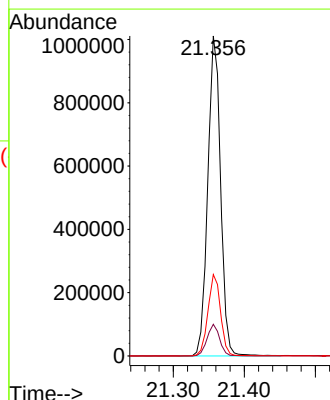
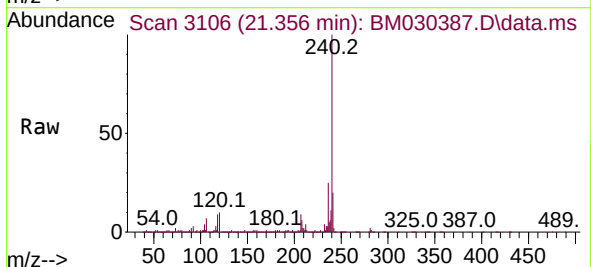
Instrument :
BNA_M
ClientSampleId :
18-B12(6-10)

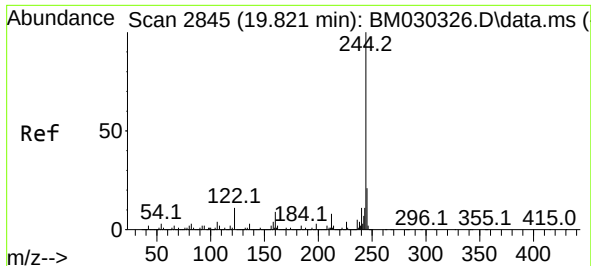
Tgt Ion:188 Resp: 1108494
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 9.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:240 Resp: 1267734
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 25.5 21.0 31.4

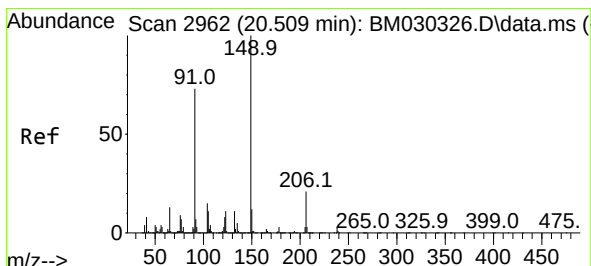
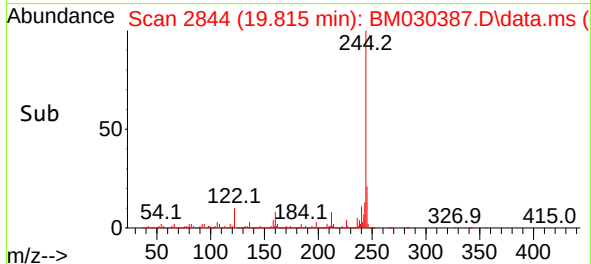
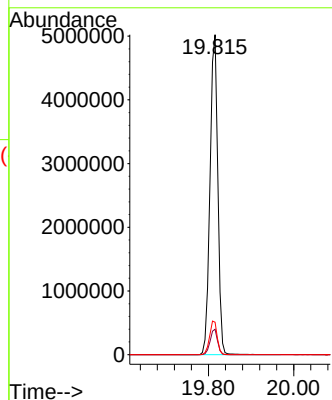
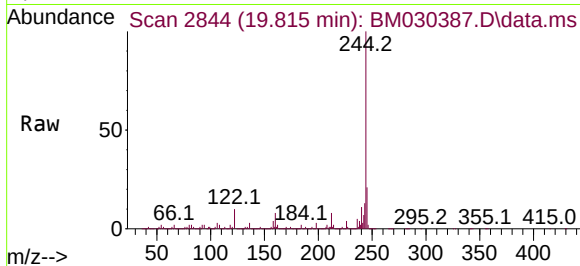




#79
 Terphenyl-d14
 Concen: 88.18 ng
 RT: 19.815 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM030387.D
 Acq: 11 Jun 2021 02:34

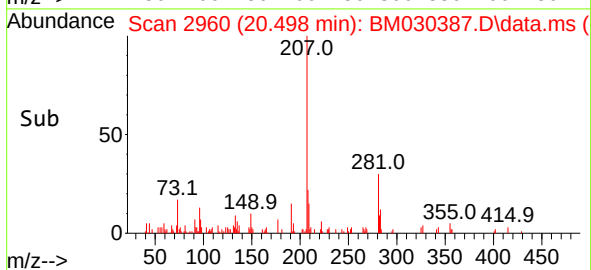
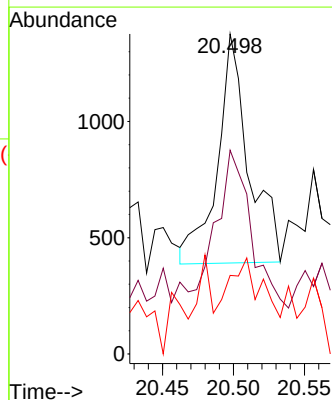
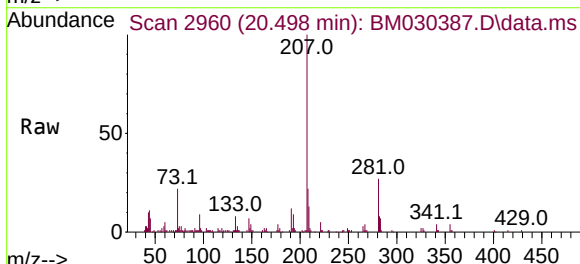
Instrument :
 BNA_M
 ClientSampleId :
 18-B12(6-10)

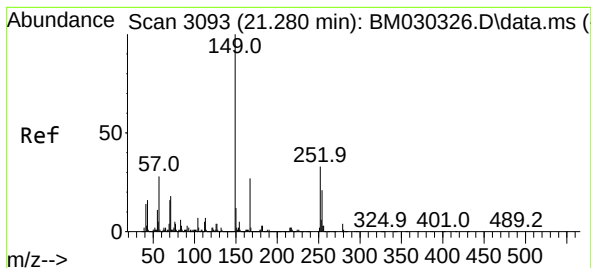
Tgt Ion:244 Resp: 6364265
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.2 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 4.34 ng
 RT: 20.498 min Scan# 2960
 Delta R.T. -0.011 min
 Lab File: BM030387.D
 Acq: 11 Jun 2021 02:34

Tgt Ion:149 Resp: 1506
 Ion Ratio Lower Upper
 149 100
 91 63.7 57.4 86.0
 206 24.6 16.6 25.0

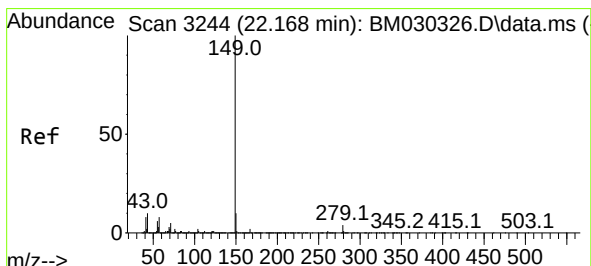
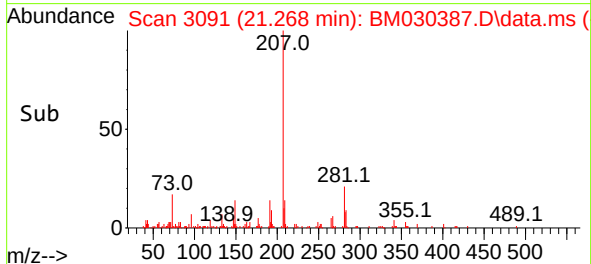
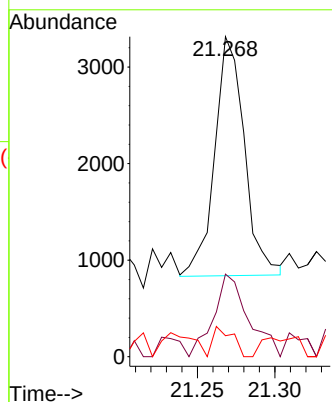
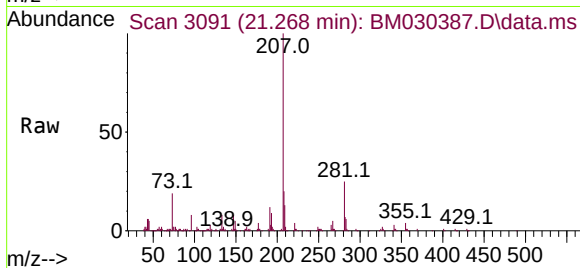




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.32 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

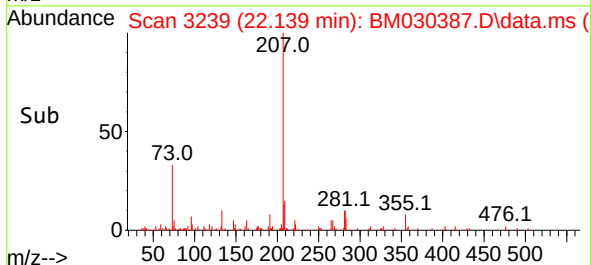
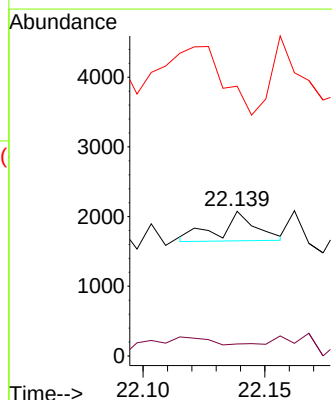
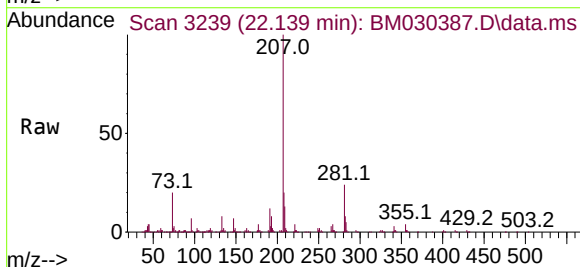
Instrument :
BNA_M
ClientSampleId :
18-B12(6-10)

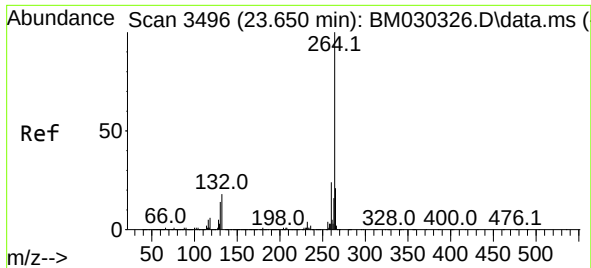
Tgt Ion:149 Resp: 3308
Ion Ratio Lower Upper
149 100
167 25.8 22.6 33.8
279 6.5 3.8 5.8#



#85
Di-n-octyl phthalate
Concen: 4.17 ng
RT: 22.139 min Scan# 3239
Delta R.T. -0.029 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Tgt Ion:149 Resp: 430
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.4 11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.017 min
Lab File: BM030387.D
Acq: 11 Jun 2021 02:34

Instrument :
BNA_M
ClientSampleId :
18-B12(6-10)

Tgt Ion:264 Resp: 1140384

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.6	17.7	26.5

