

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
 Data File : BM030397.D
 Acq On : 11 Jun 2021 08:36
 Operator : CG/JU
 Sample : M2612-40
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(82-86)

Quant Time: Jun 11 09:38:16 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)

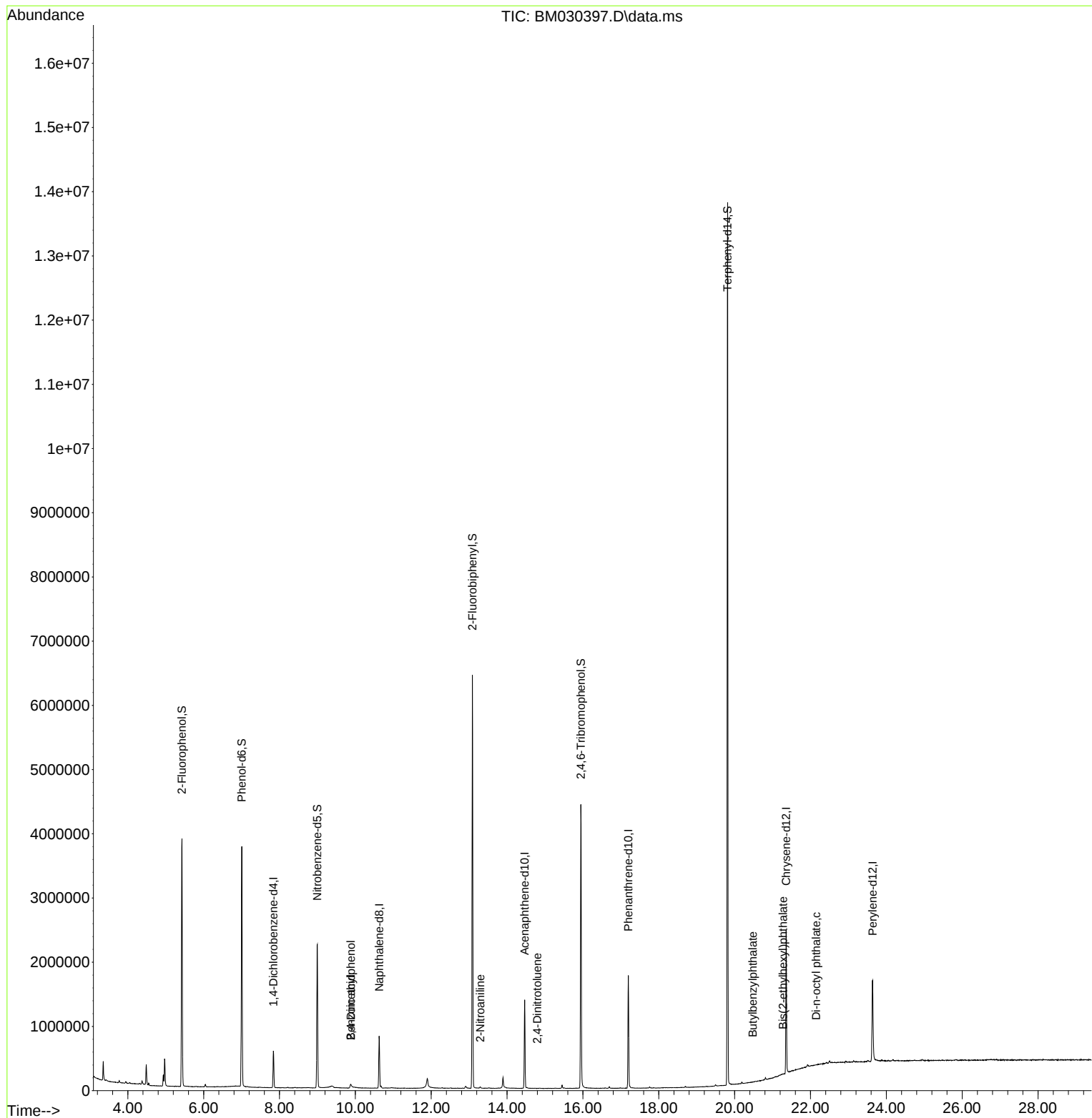
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	157520	20.00	ng	-0.01
21) Naphthalene-d8	10.628	136	663593	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	456473	20.00	ng	-0.01
64) Phenanthrene-d10	17.198	188	1044774	20.00	ng	-0.01
76) Chrysene-d12	21.356	240	1062154	20.00	ng	-0.01
86) Perylene-d12	23.638	264	947799	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1618178	167.00	ng	0.00
7) Phenol-d6	7.004	99	1993760	142.14	ng	0.00
23) Nitrobenzene-d5	8.992	82	1299158	95.38	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	776937	135.38	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3215890	92.65	ng	-0.01
79) Terphenyl-d14	19.815	244	6117433	101.16	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.880	122	40871	4.04	ng	# 3
32) Benzoic acid	9.880	122	40871	9.66	ng	91
48) 2-Nitroaniline	13.292	65	276	4.05	ng	# 1
57) 2,4-Dinitrotoluene	14.798	165	60	3.00	ng	# 24
80) Butylbenzylphthalate	20.480	149	259	4.31	ng	# 31
84) Bis(2-ethylhexyl)phtha...	21.274	149	1551	4.30	ng	# 90
85) Di-n-octyl phthalate	22.150	149	1079	4.18	ng	# 1

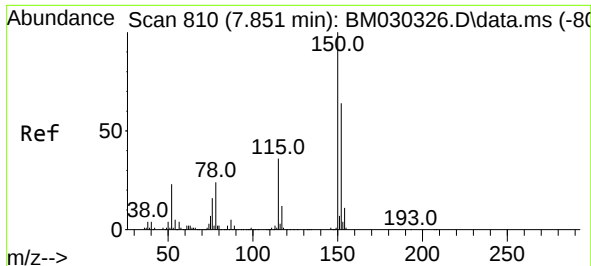
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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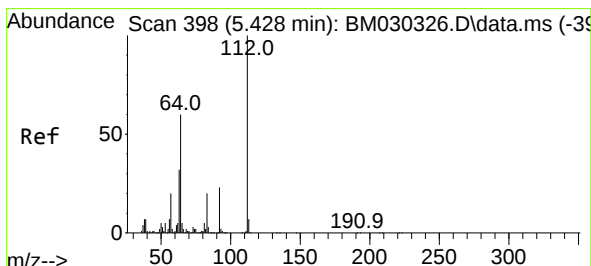
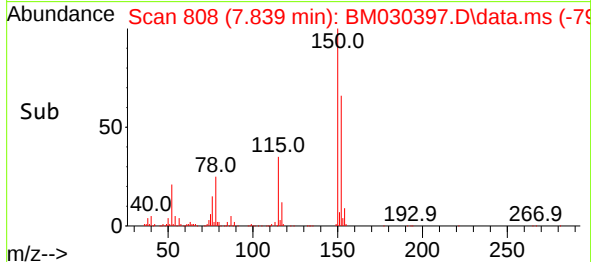
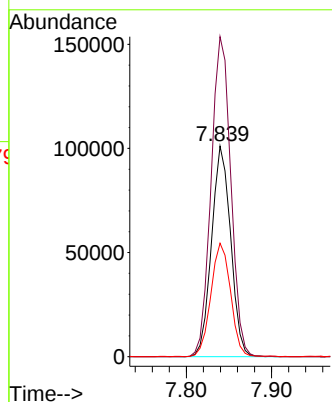
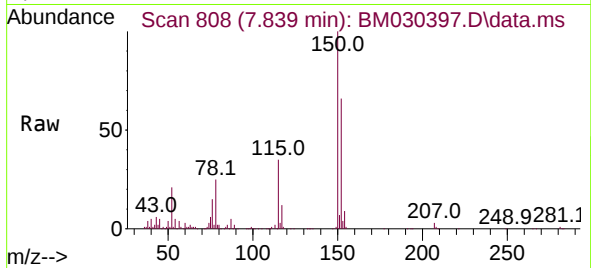




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

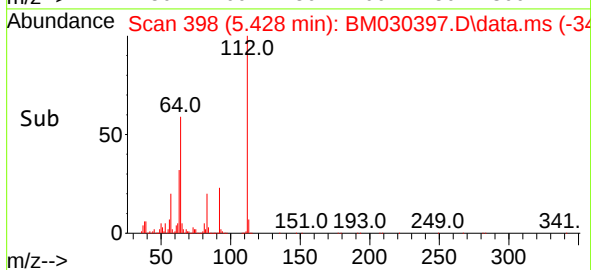
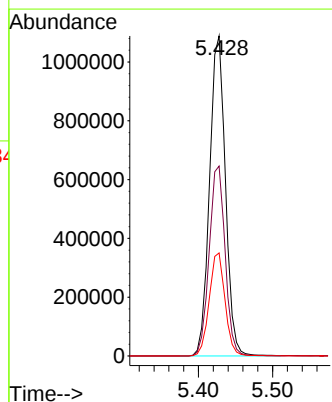
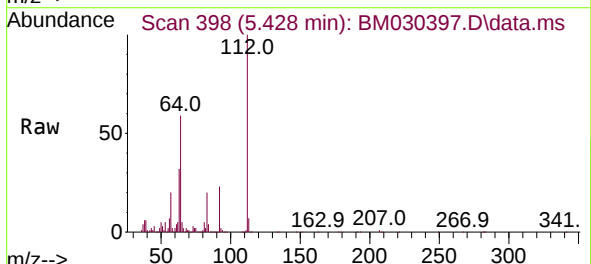
Instrument :
BNA_M
ClientSampleId :
18-B12(82-86)

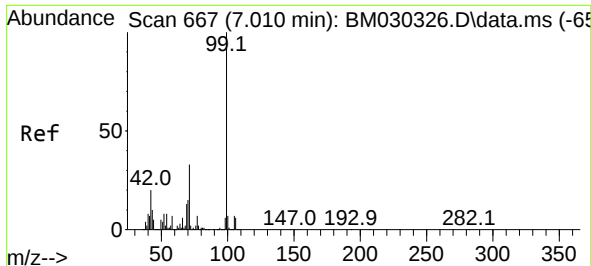
Tgt Ion:152 Resp: 157520
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 53.9 44.6 67.0



#5
2-Fluorophenol
Concen: 167.00 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion:112 Resp: 1618178
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 32.2 27.3 40.9

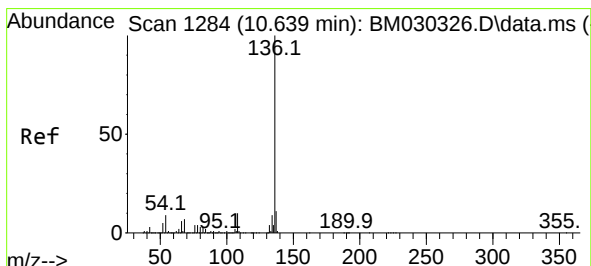
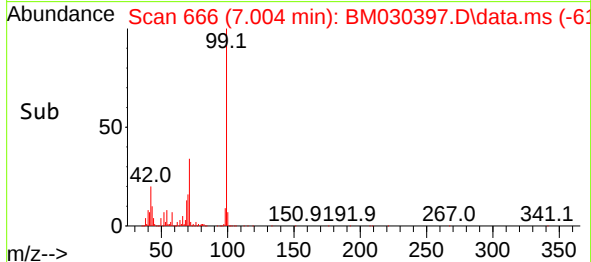
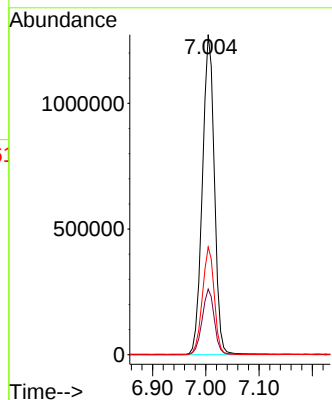
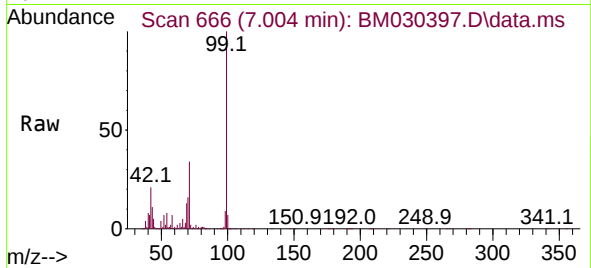




#7
Phenol-d6
Concen: 142.14 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

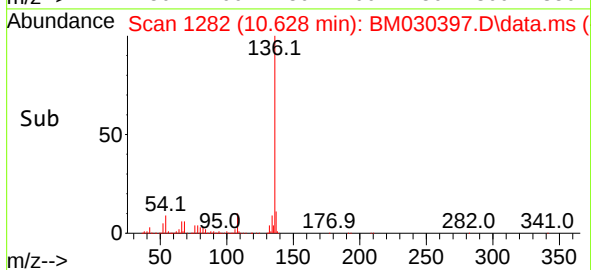
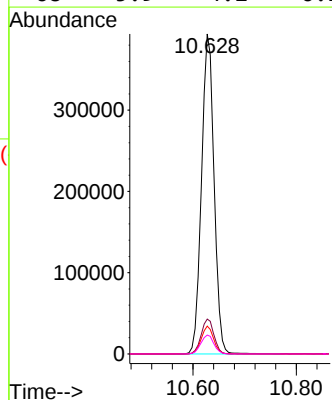
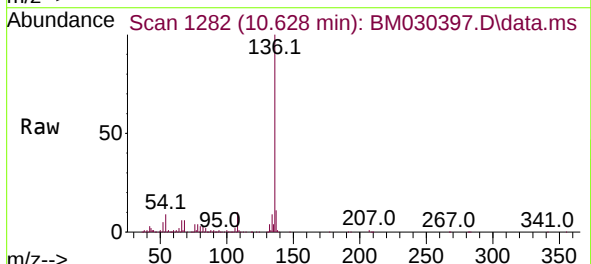
Instrument :
BNA_M
ClientSampleId :
18-B12(82-86)

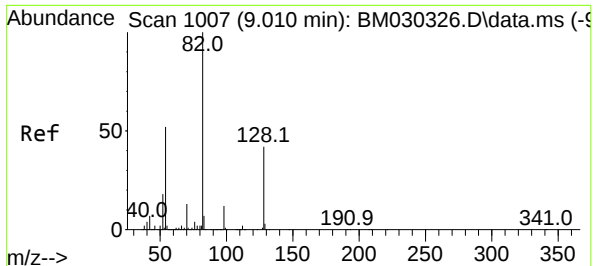
Tgt Ion: 99 Resp: 1993760
Ion Ratio Lower Upper
99 100
42 20.5 18.0 27.0
71 33.6 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.011 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion: 136 Resp: 663593
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.5 8.3#
68 5.9 4.2 6.2

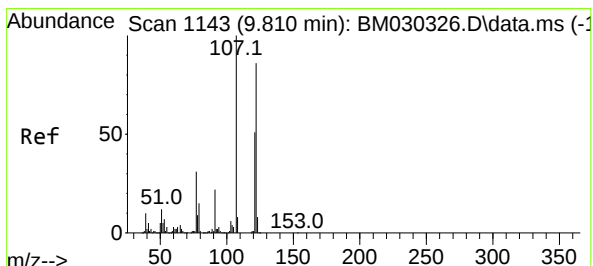
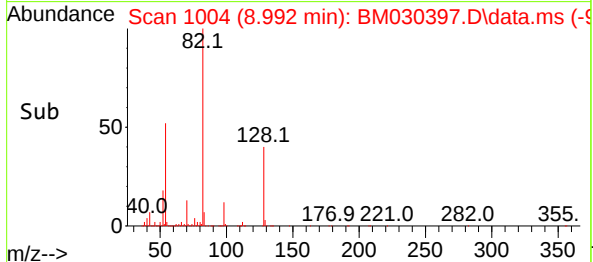
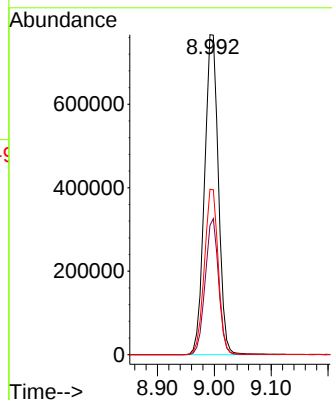
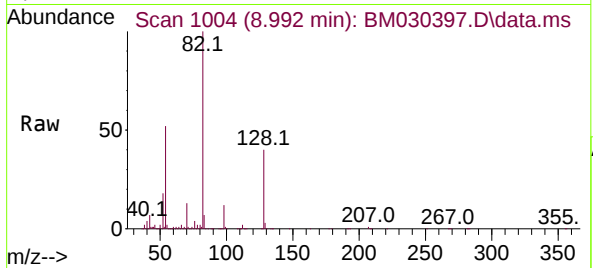




#23
Nitrobenzene-d5
Concen: 95.38 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

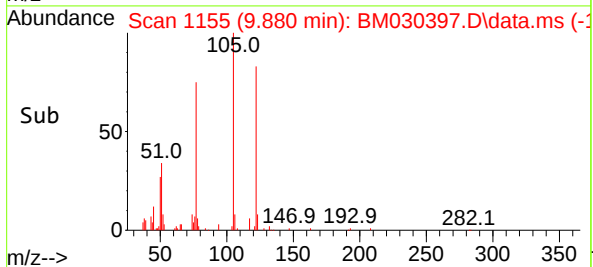
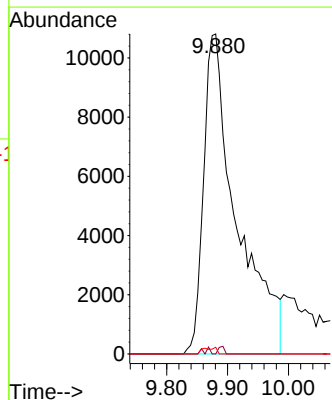
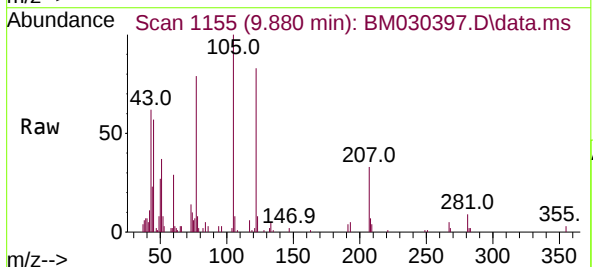
Instrument :
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ClientSampleId :
18-B12(82-86)

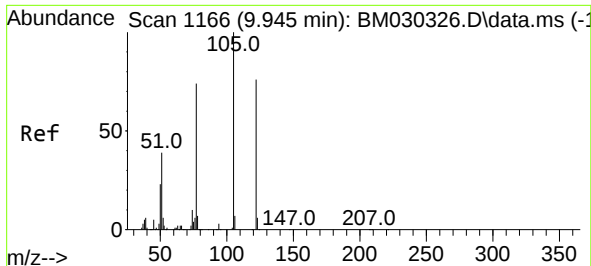
Tgt Ion: 82 Resp: 1299158
Ion Ratio Lower Upper
82 100
128 40.4 31.1 46.7
54 51.7 37.3 55.9



#27
2,4-Dimethylphenol
Concen: 4.04 ng
RT: 9.880 min Scan# 1155
Delta R.T. 0.071 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion:122 Resp: 40871
Ion Ratio Lower Upper
122 100
107 0.0 95.0 142.6#
121 2.1 48.1 72.1#

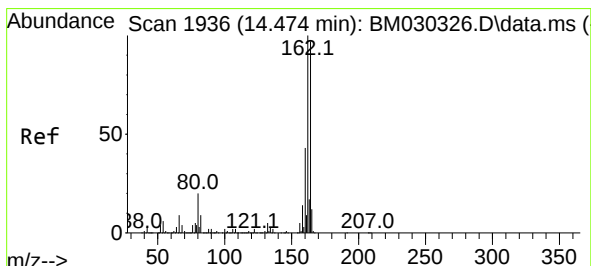
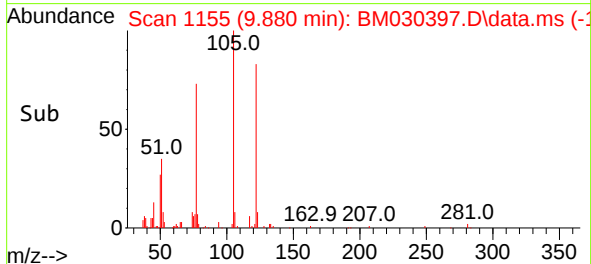
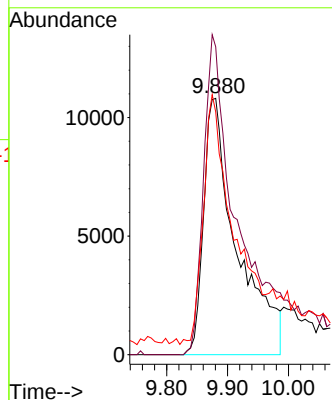
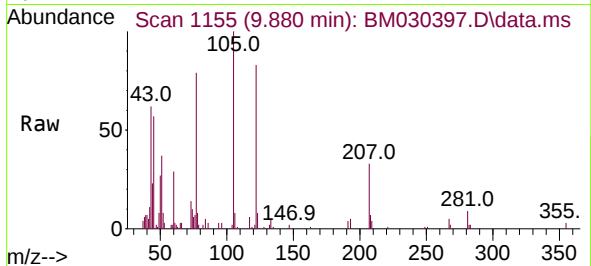




#32
Benzoic acid
Concen: 9.66 ng
RT: 9.880 min Scan# 1155
Delta R.T. -0.065 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

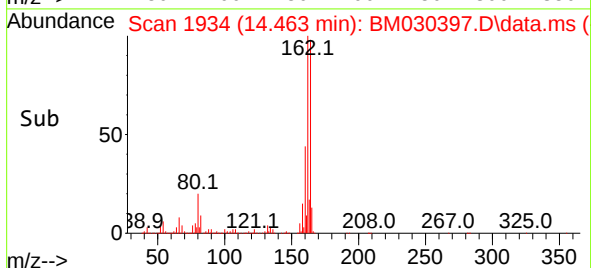
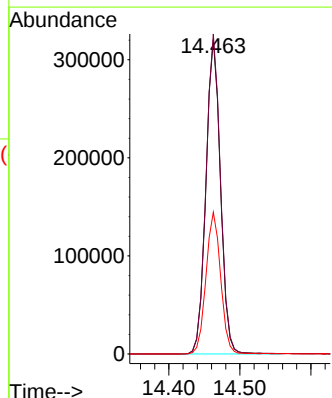
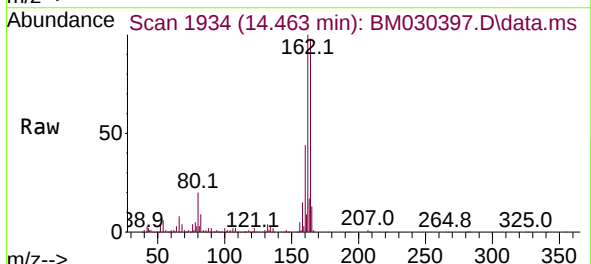
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ClientSampleId :
18-B12(82-86)

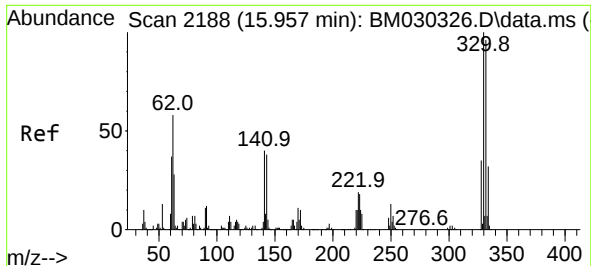
Tgt Ion:122 Resp: 40871
Ion Ratio Lower Upper
122 100
105 120.1 107.3 147.3
77 94.7 88.0 128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion:164 Resp: 456473
Ion Ratio Lower Upper
164 100
162 101.8 83.4 125.0
160 45.1 37.2 55.8

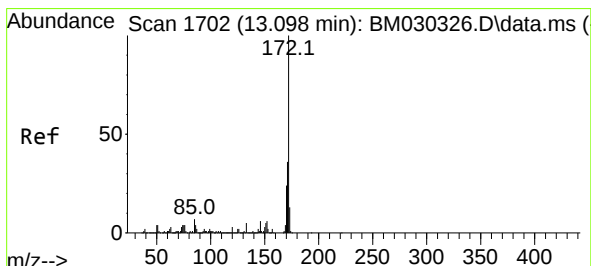
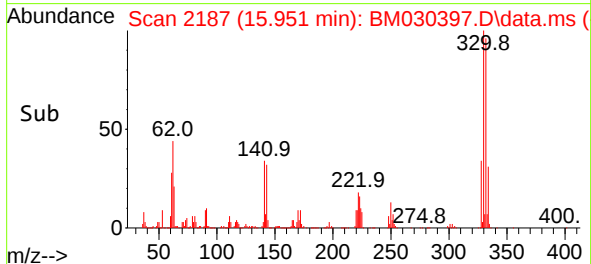
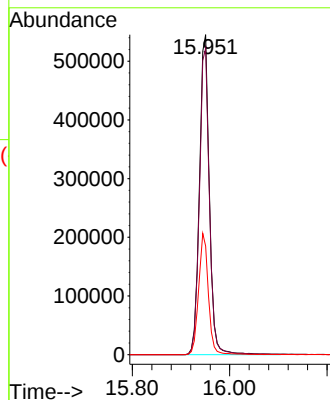
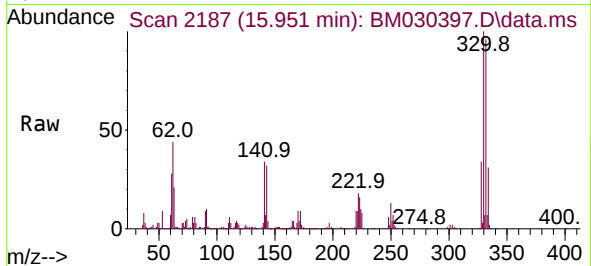




#42
2,4,6-Tribromophenol
Concen: 135.38 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

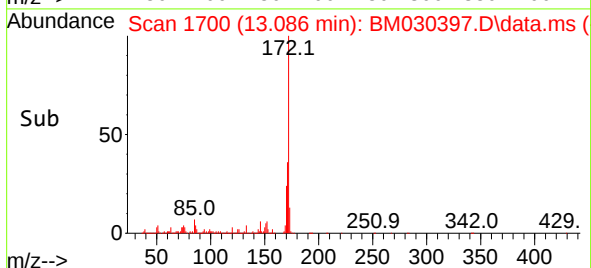
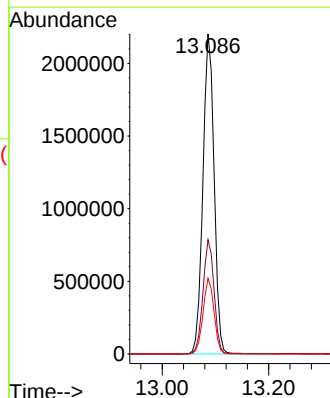
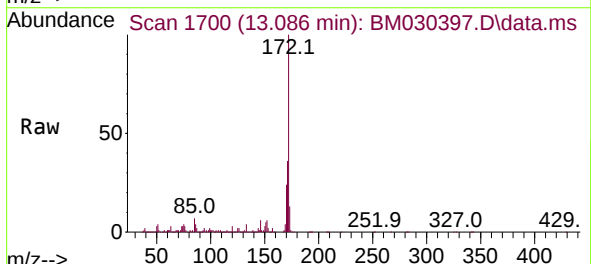
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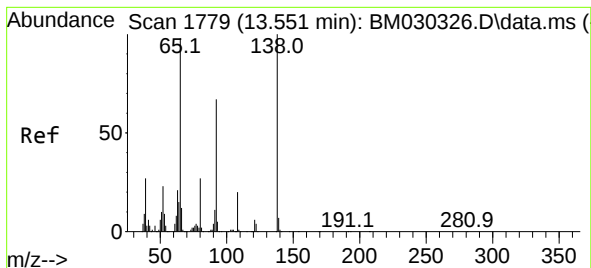
Tgt Ion:330 Resp: 776937
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 37.2 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 92.65 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion:172 Resp: 3215890
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 18.4 27.6

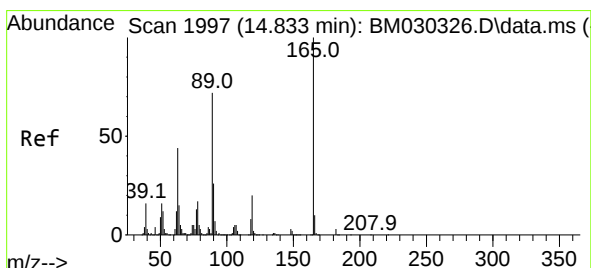
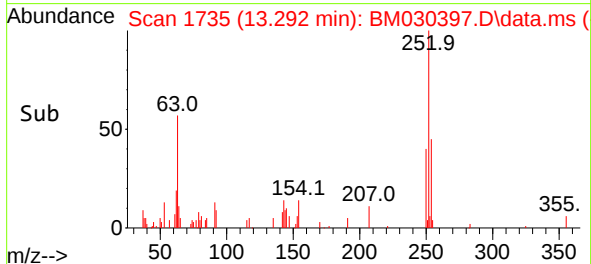
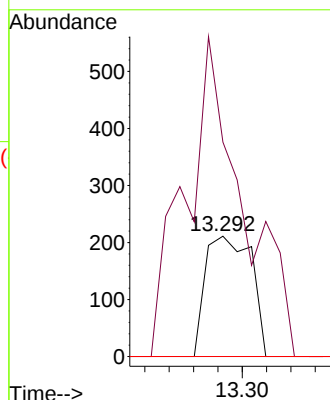
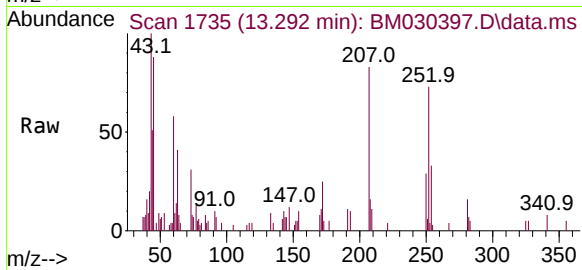




#48
2-Nitroaniline
Concen: 4.05 ng
RT: 13.292 min Scan# 1735
Delta R.T. -0.259 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

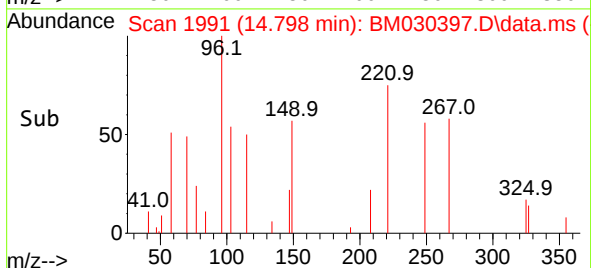
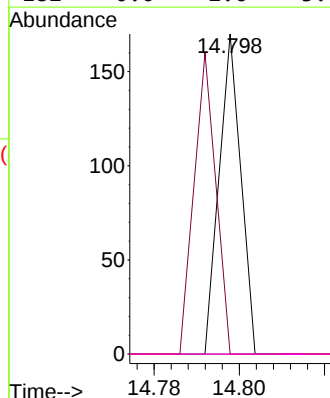
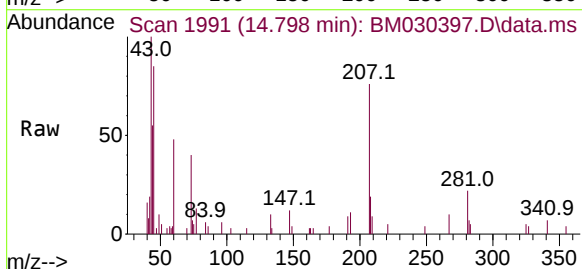
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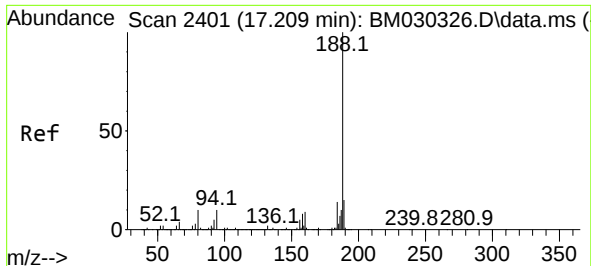
Tgt Ion: 65 Resp: 276
Ion Ratio Lower Upper
65 100
92 178.2 55.5 83.3#
138 0.0 85.7 128.5#



#57
2,4-Dinitrotoluene
Concen: 3.00 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.035 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion: 165 Resp: 60
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#

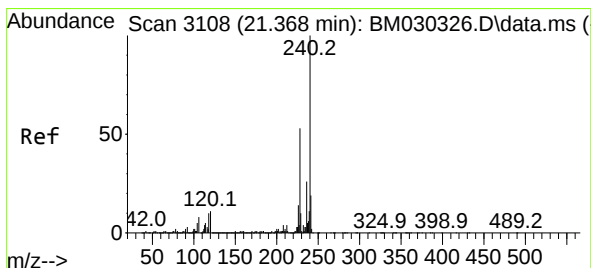
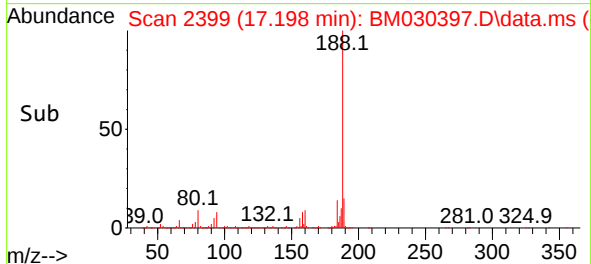
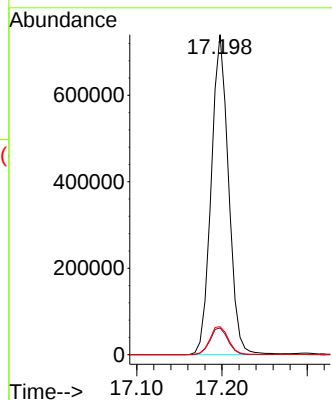
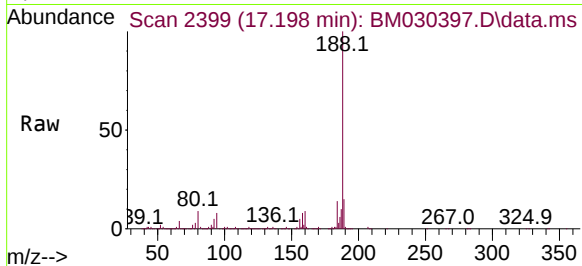




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.198 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

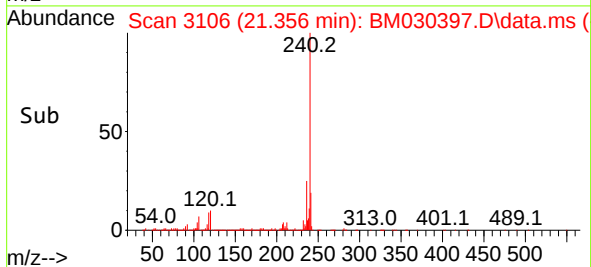
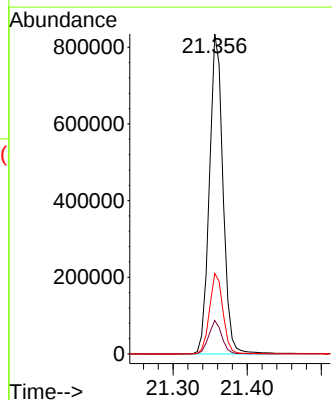
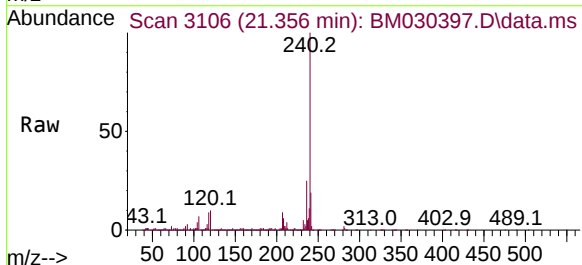
Instrument :
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18-B12(82-86)

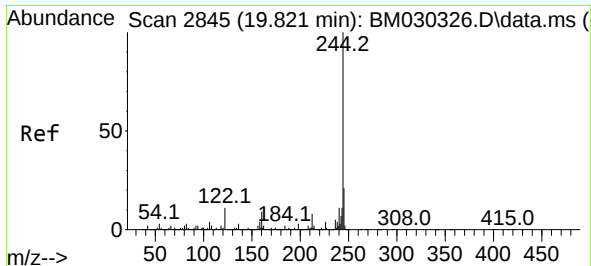
Tgt Ion:188 Resp: 1044774
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 8.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion:240 Resp: 1062154
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.2 21.0 31.4

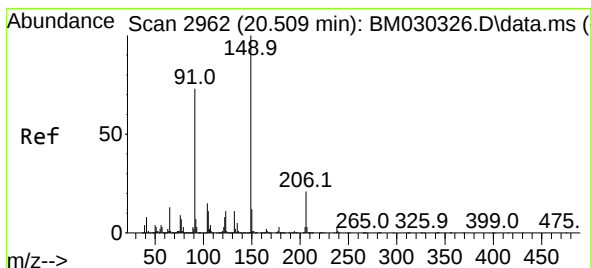
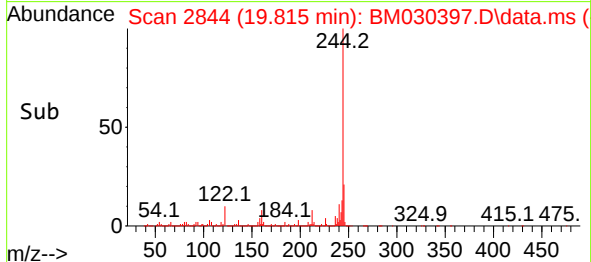
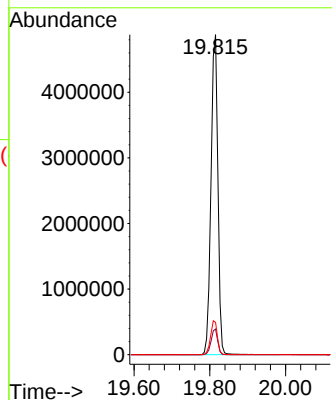
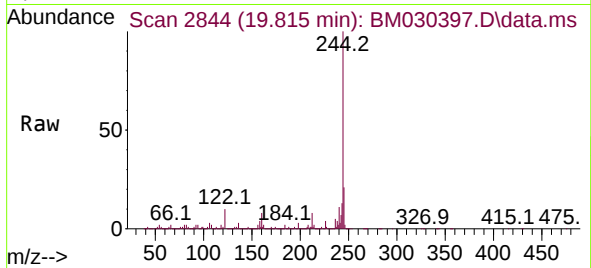




#79
 Terphenyl-d14
 Concen: 101.16 ng
 RT: 19.815 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM030397.D
 Acq: 11 Jun 2021 08:36

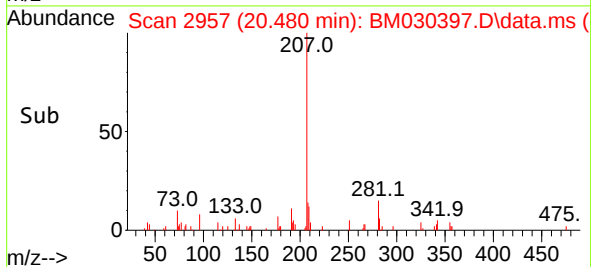
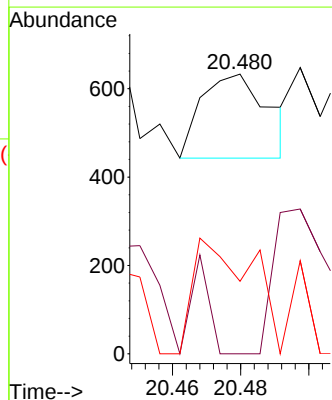
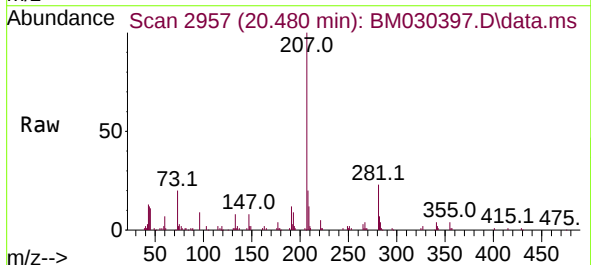
Instrument :
 BNA_M
 ClientSampleId :
 18-B12(82-86)

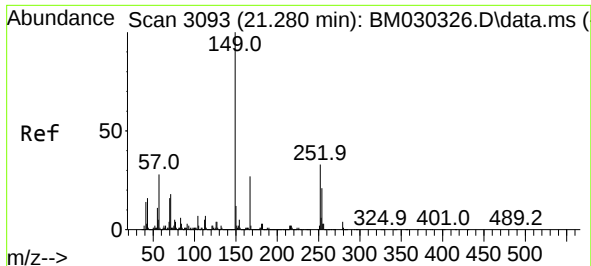
Tgt Ion:244 Resp: 6117433
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.1 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 4.31 ng
 RT: 20.480 min Scan# 2957
 Delta R.T. -0.029 min
 Lab File: BM030397.D
 Acq: 11 Jun 2021 08:36

Tgt Ion:149 Resp: 259
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.4 86.0#
 206 25.9 16.6 25.0#

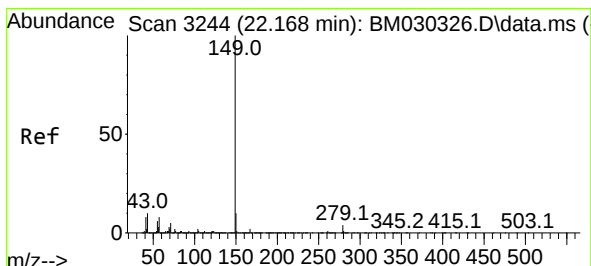
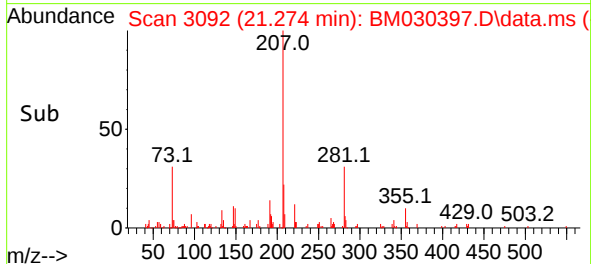
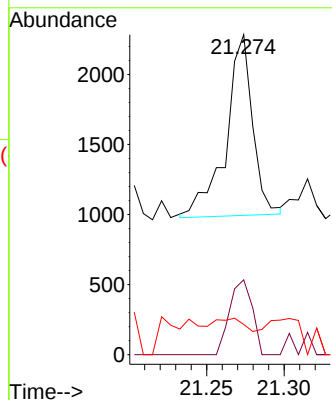
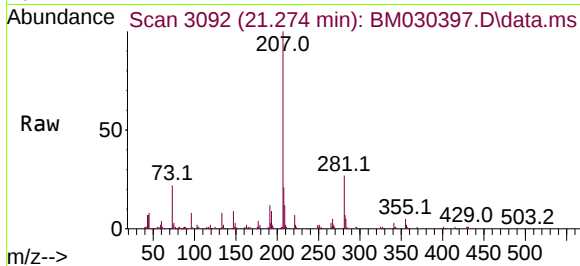




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.30 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

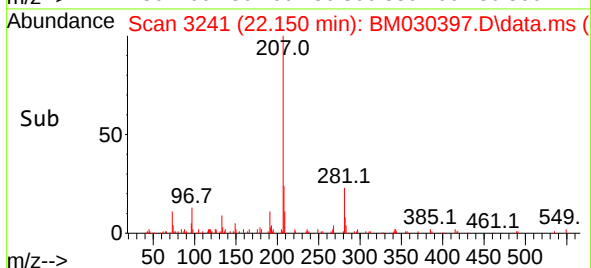
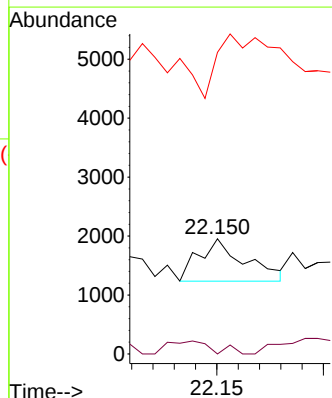
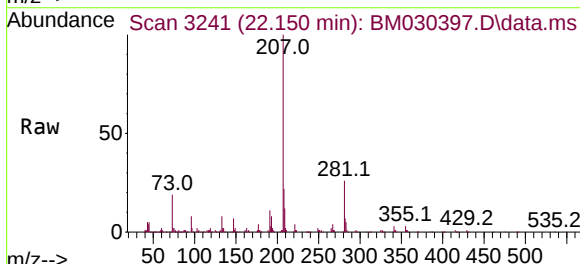
Instrument :
BNA_M
ClientSampleId :
18-B12(82-86)

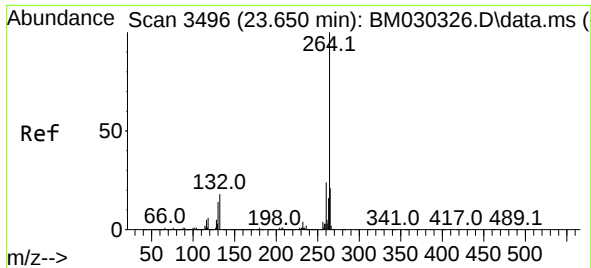
Tgt Ion:149 Resp: 1551
Ion Ratio Lower Upper
149 100
167 23.4 22.6 33.8
279 9.4 3.8 5.8#



#85
Di-n-octyl phthalate
Concen: 4.18 ng
RT: 22.150 min Scan# 3241
Delta R.T. -0.018 min
Lab File: BM030397.D
Acq: 11 Jun 2021 08:36

Tgt Ion:149 Resp: 1079
Ion Ratio Lower Upper
149 100
167 30.1 1.3 1.9#
43 244.7 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.638 min Scan# 3494
 Delta R.T. -0.012 min
 Lab File: BM030397.D
 Acq: 11 Jun 2021 08:36

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(82-86)

Tgt Ion:264 Resp: 947799
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.8
 265 21.8 17.7 26.5

