

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033397.D
 Acq On : 10 Dec 2021 16:49
 Operator : CG/JU
 Sample : M4965-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

Quant Time: Dec 11 02:12:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

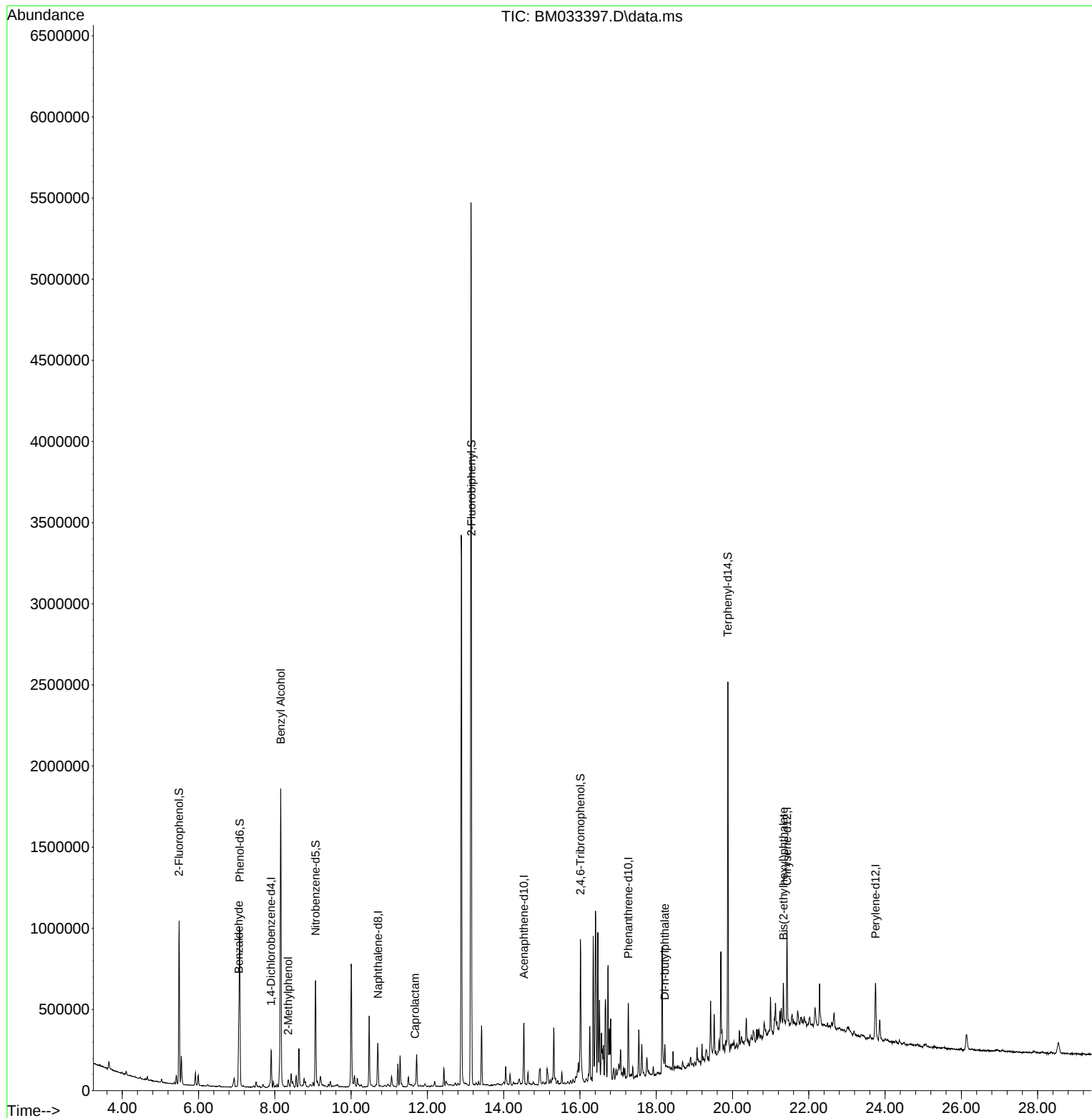
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	54872	20.000	ng	-0.01
21) Naphthalene-d8	10.701	136	199017	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	123730	20.000	ng	0.00
64) Phenanthrene-d10	17.265	188	254161	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	246254	20.000	ng	-0.01
86) Perylene-d12	23.747	264	246897	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	355399	106.255	ng	0.00
7) Phenol-d6	7.078	99	457374	98.070	ng	-0.01
23) Nitrobenzene-d5	9.066	82	349269	74.517	ng	-0.01
42) 2,4,6-Tribromophenol	16.013	330	121149	91.532	ng	-0.01
45) 2-Fluorobiphenyl	13.154	172	651794	72.868	ng	0.00
79) Terphenyl-d14	19.877	244	925033	69.594	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.054	77	114327	41.664	ng	99
15) Benzyl Alcohol	8.154	79	630893	163.511	ng	99
17) 2-Methylphenol	8.348	107	11102	3.502	ng	98
35) Caprolactam	11.678	113	4203	7.100	ng	# 84
74) Di-n-butylphthalate	18.224	149	98403	6.715	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.336	149	71419	7.502	ng	98

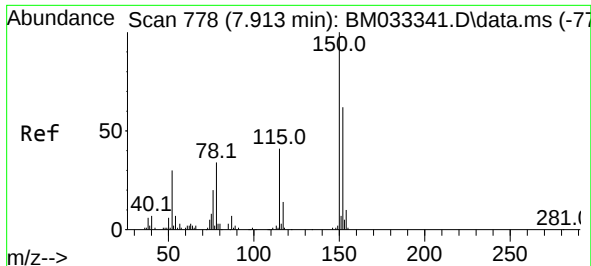
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

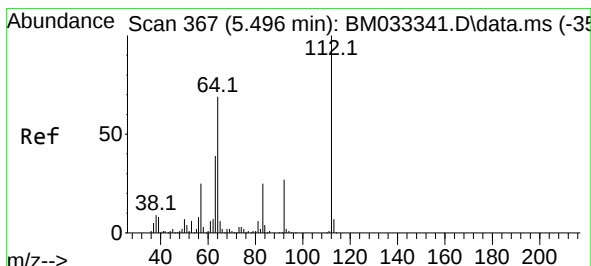
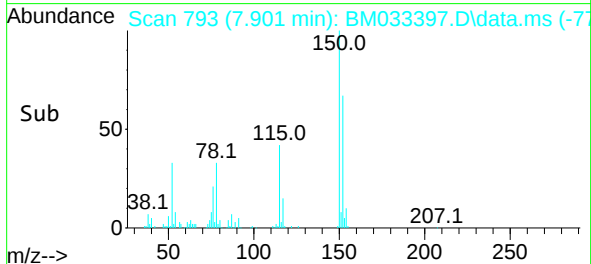
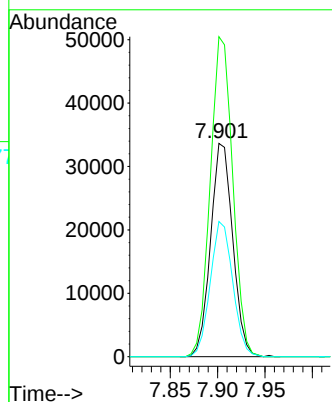
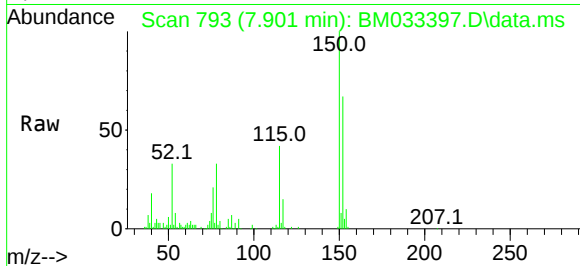




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.901 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM033397.D
 Acq: 10 Dec 2021 16:49

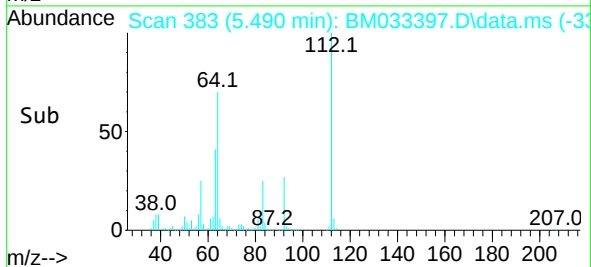
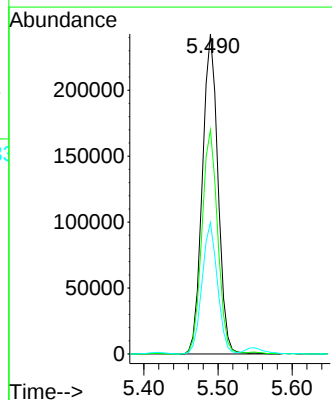
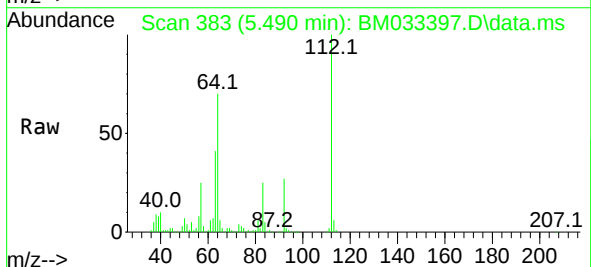
Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

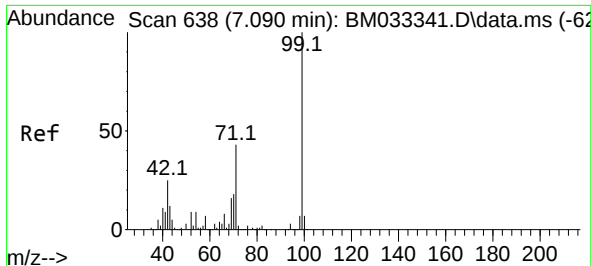
Tgt Ion:152 Resp: 54872
 Ion Ratio Lower Upper
 152 100
 150 150.0 128.9 193.3
 115 63.3 53.0 79.6



#5
 2-Fluorophenol
 Concen: 106.255 ng
 RT: 5.490 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BM033397.D
 Acq: 10 Dec 2021 16:49

Tgt Ion:112 Resp: 355399
 Ion Ratio Lower Upper
 112 100
 64 70.1 55.5 83.3
 63 41.1 31.3 46.9

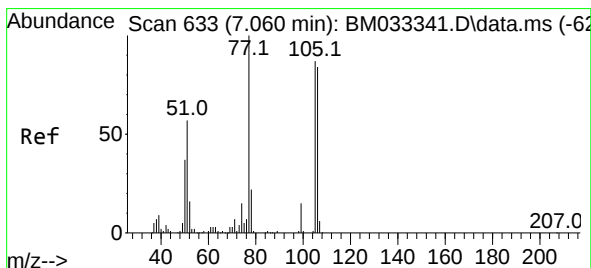
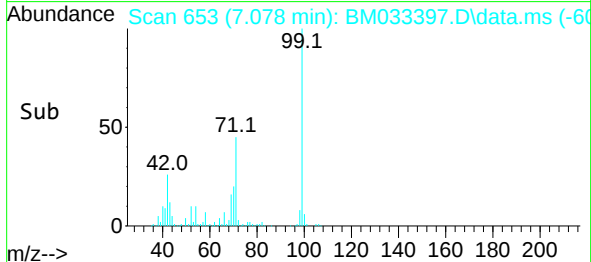
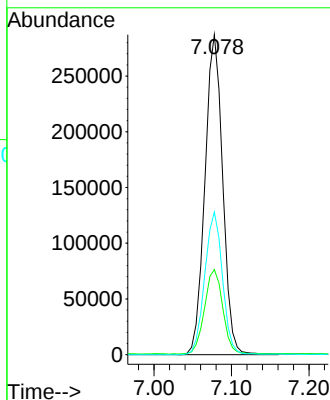
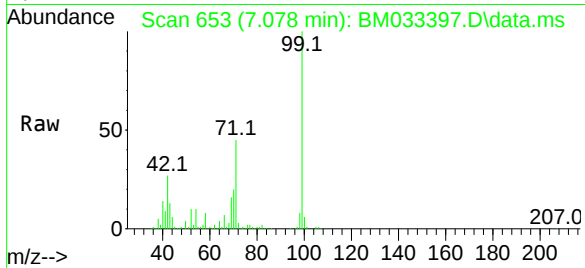




#7
Phenol-d6
Concen: 98.070 ng
RT: 7.078 min Scan# 611
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

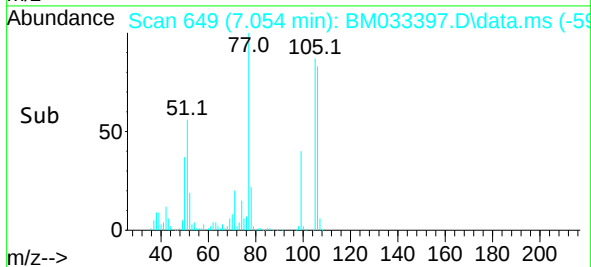
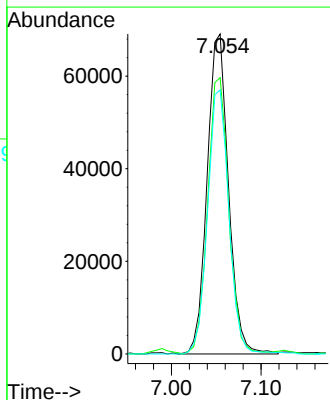
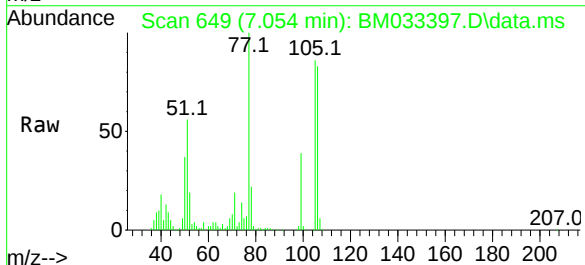
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

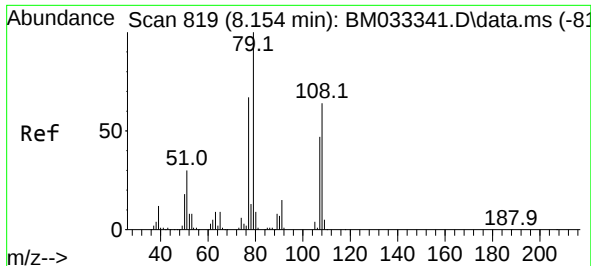
Tgt Ion: 99 Resp: 457374
Ion Ratio Lower Upper
99 100
42 26.6 20.3 30.5
71 44.6 34.5 51.7



#9
Benzaldehyde
Concen: 41.664 ng
RT: 7.054 min Scan# 649
Delta R.T. -0.006 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

Tgt Ion: 77 Resp: 114327
Ion Ratio Lower Upper
77 100
105 86.3 67.1 107.1
106 82.5 64.3 104.3

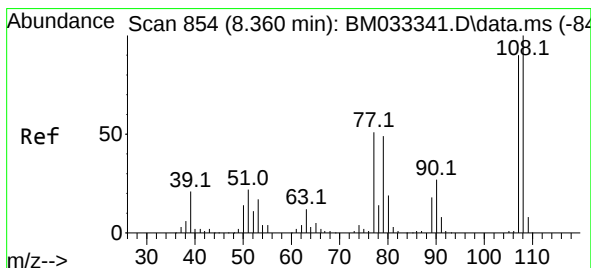
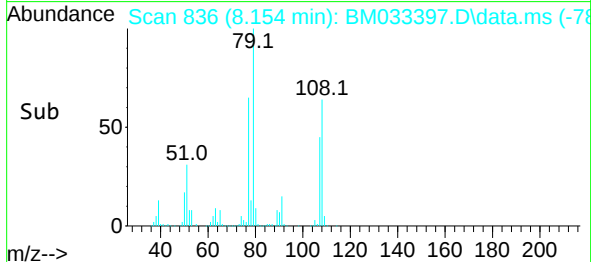
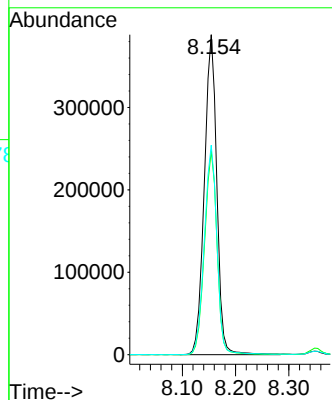
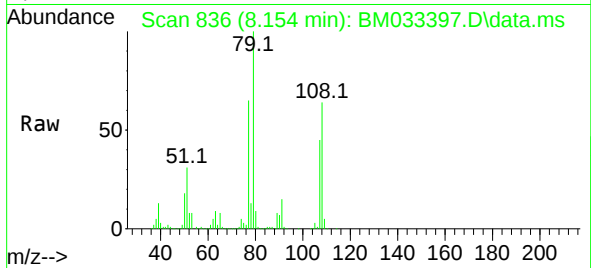




#15
Benzyl Alcohol
Concen: 163.511 ng
RT: 8.154 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

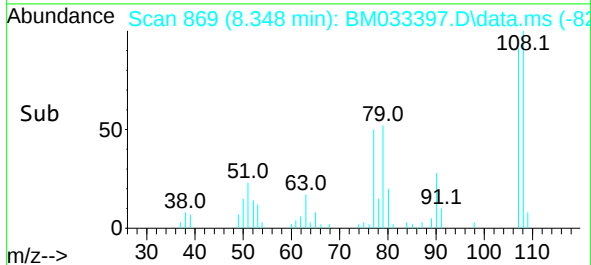
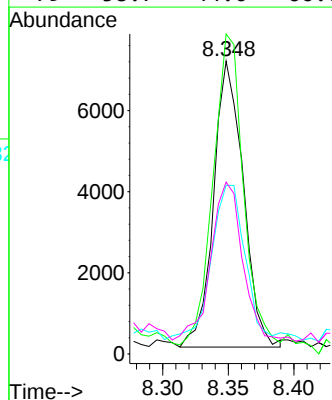
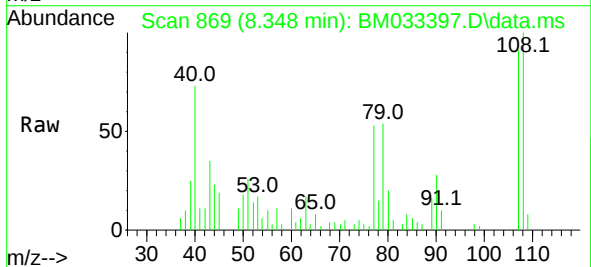
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

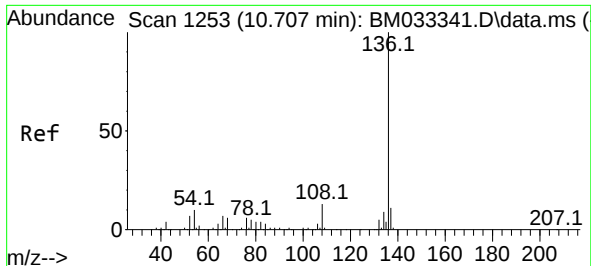
Tgt Ion: 79 Resp: 630893
Ion Ratio Lower Upper
79 100
108 63.7 51.1 76.7
77 65.5 53.8 80.8



#17
2-Methylphenol
Concen: 3.502 ng
RT: 8.348 min Scan# 869
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

Tgt Ion: 107 Resp: 11102
Ion Ratio Lower Upper
107 100
108 109.3 89.2 133.8
77 57.6 46.0 69.0
79 58.7 44.0 66.0

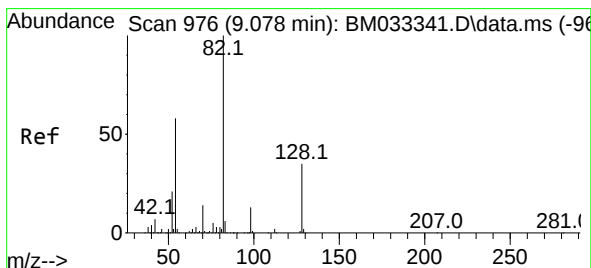
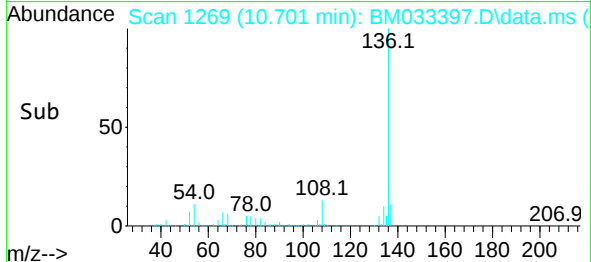
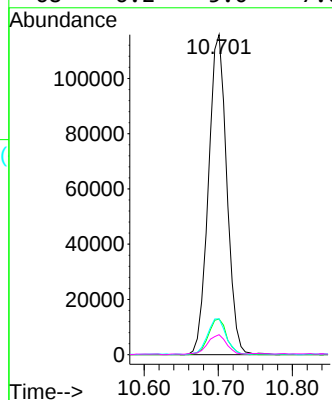
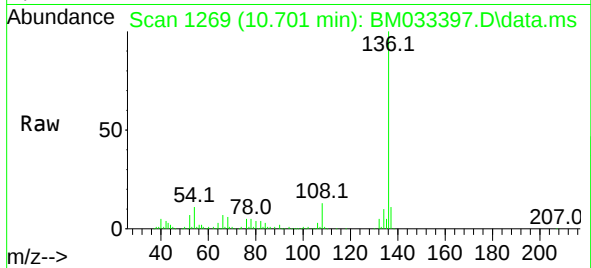




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

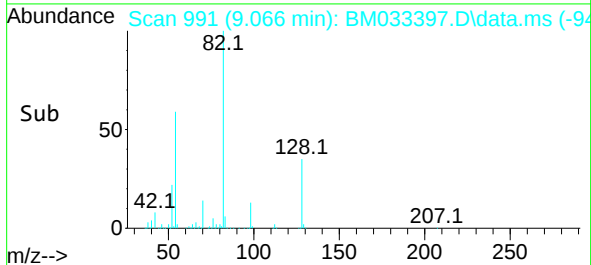
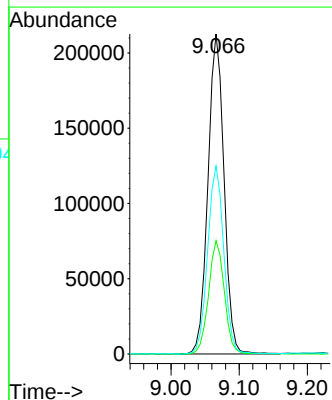
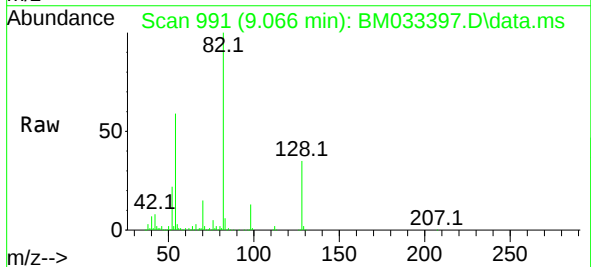
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

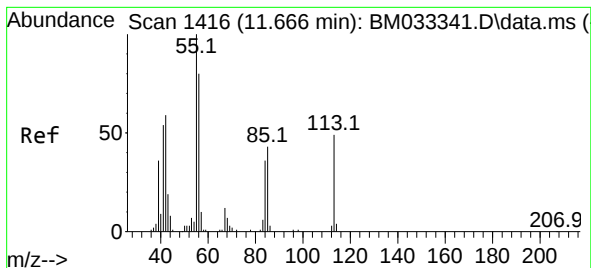
Tgt Ion:	136	Resp:	199017
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	11.2	8.3	12.5
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 74.517 ng
RT: 9.066 min Scan# 991
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

Tgt Ion:	82	Resp:	349269
Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.1	42.1
54	58.7	46.1	69.1

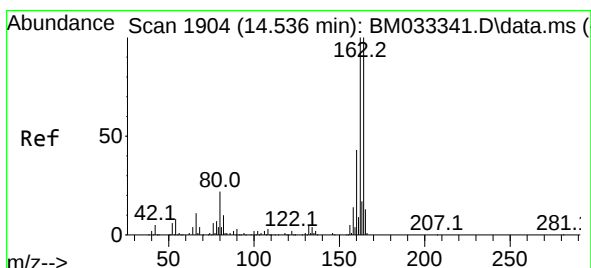
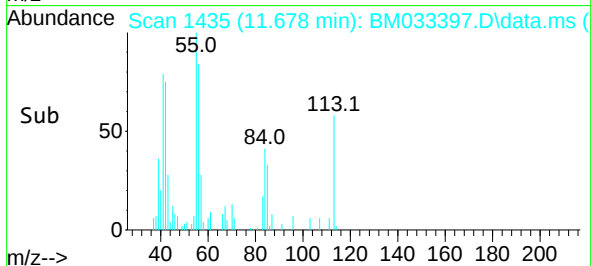
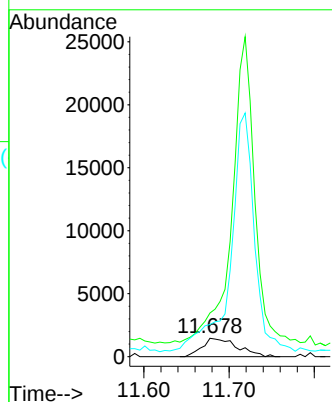
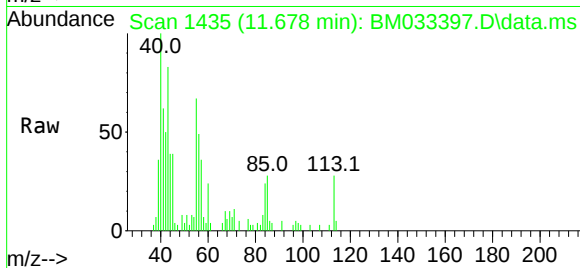




#35
Caprolactam
Concen: 7.100 ng
RT: 11.678 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

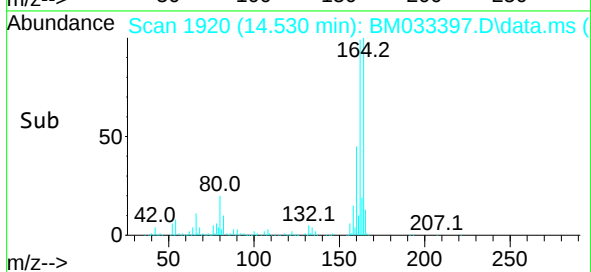
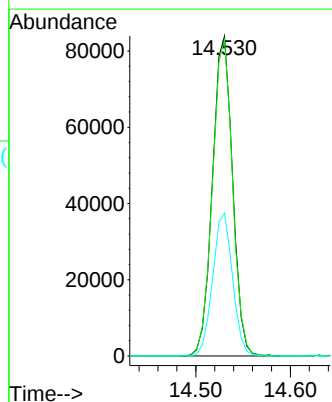
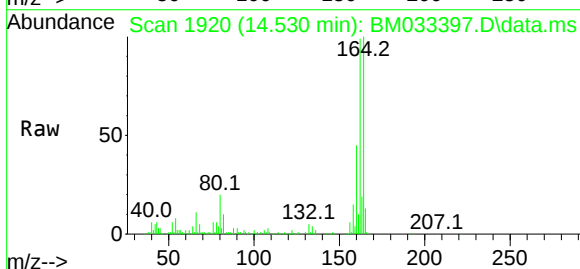
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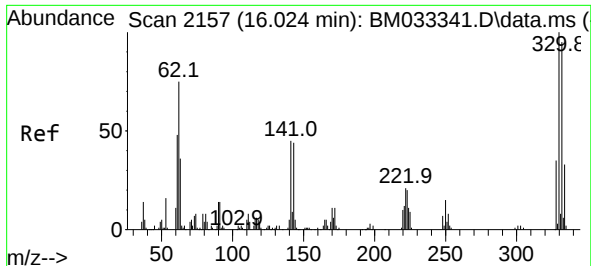
Tgt Ion:113 Resp: 4203
Ion Ratio Lower Upper
113 100
55 238.1 183.6 223.6#
56 175.0 143.7 183.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.530 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

Tgt Ion:164 Resp: 123730
Ion Ratio Lower Upper
164 100
162 99.0 79.7 119.5
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 91.532 ng

RT: 16.013 min Scan# 2157

Delta R.T. -0.012 min

Lab File: BM033397.D

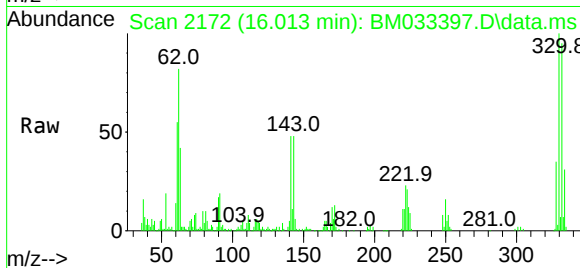
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Instrument :

BNA_M

ClientSampleId :

BLUE-CONCRETE-COMP



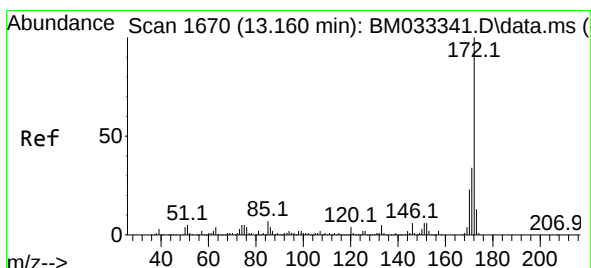
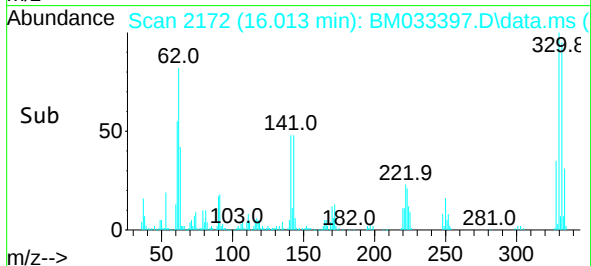
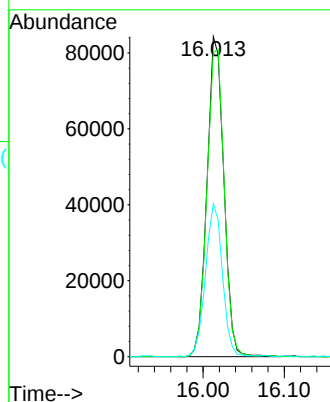
Tgt Ion:330 Resp: 121149

Ion Ratio Lower Upper

330 100

332 98.5 76.5 114.7

141 48.2 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 72.868 ng

RT: 13.154 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM033397.D

Acq: 10 Dec 2021 16:49

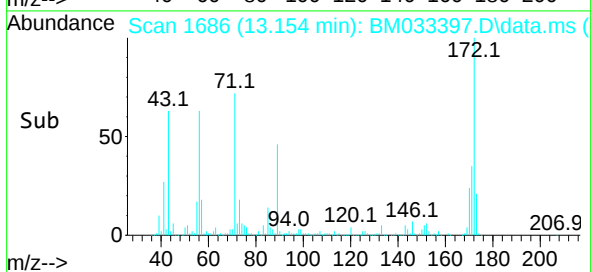
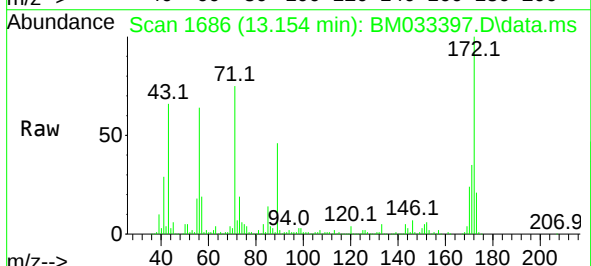
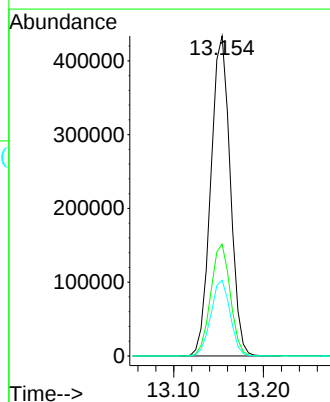
Tgt Ion:172 Resp: 651794

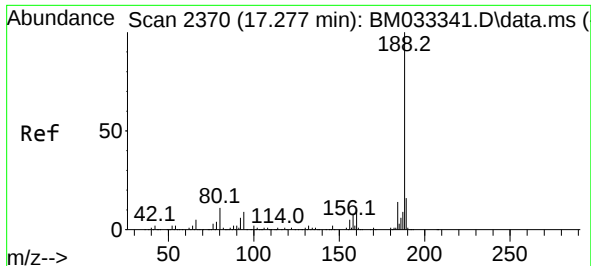
Ion Ratio Lower Upper

172 100

171 35.0 27.2 40.8

170 23.6 18.7 28.1

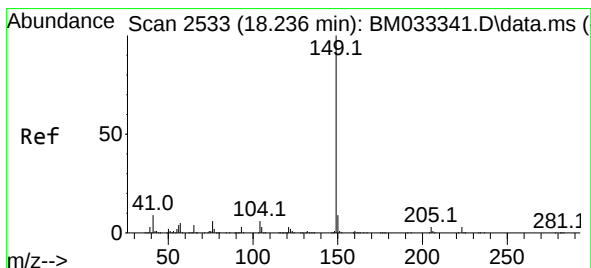
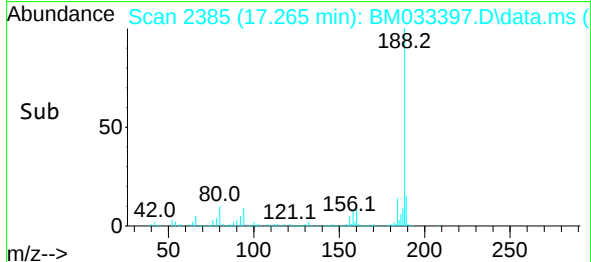
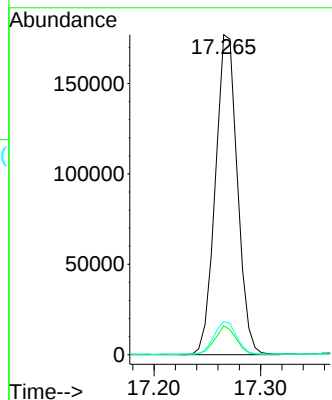
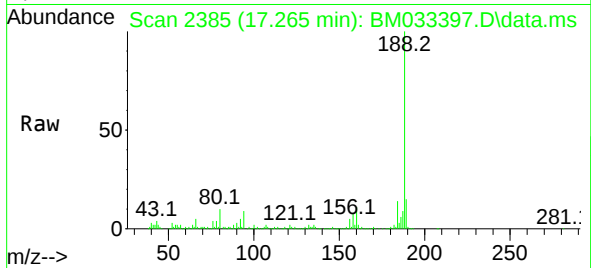




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

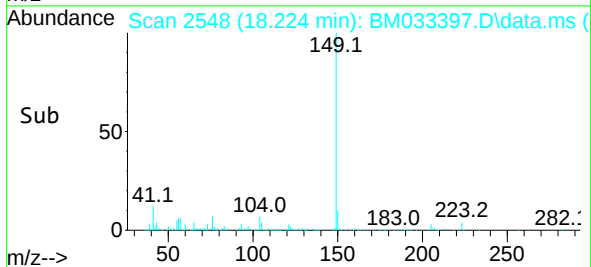
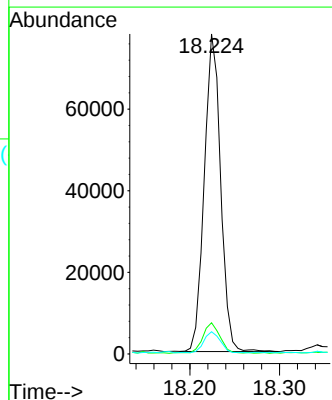
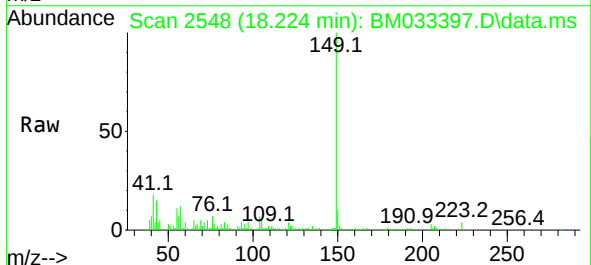
Instrument :
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BLUE-CONCRETE-COMP

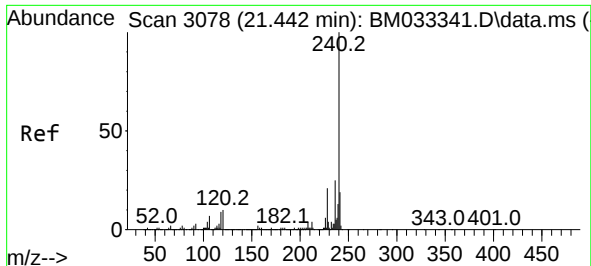
Tgt Ion:188 Resp: 254161
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.4 8.9 13.3



#74
Di-n-butylphthalate
Concen: 6.715 ng
RT: 18.224 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

Tgt Ion:149 Resp: 98403
Ion Ratio Lower Upper
149 100
150 9.7 7.3 10.9
104 7.0 4.6 6.8#

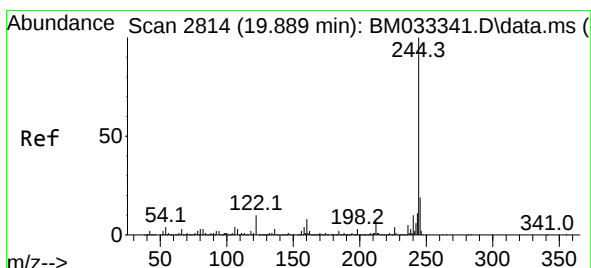
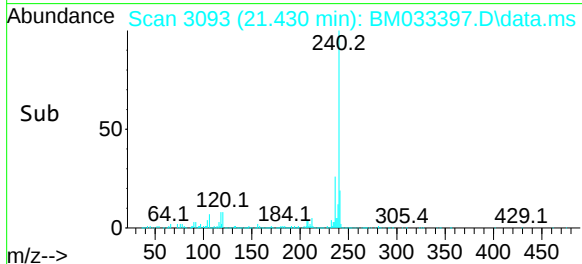
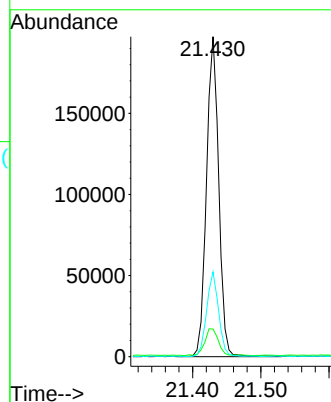
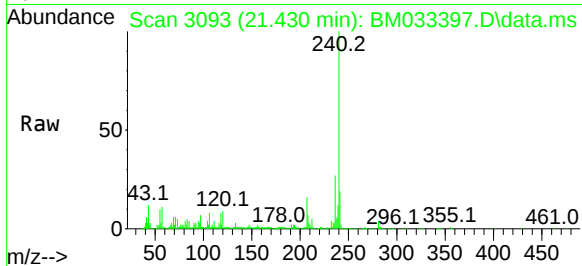




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

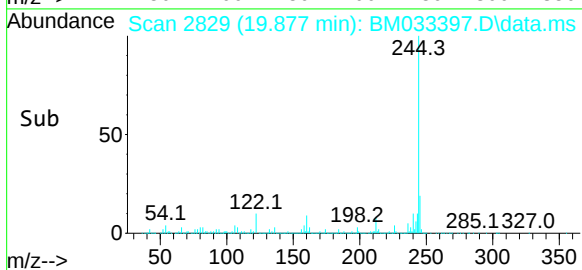
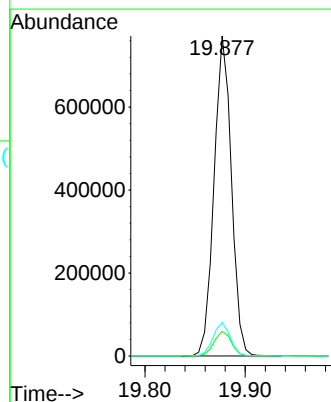
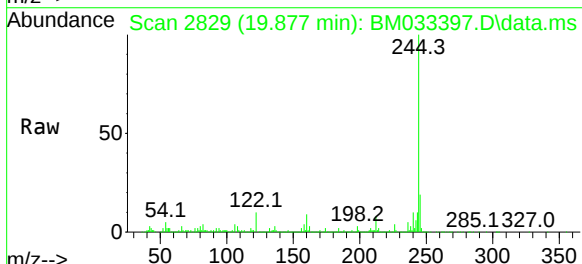
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

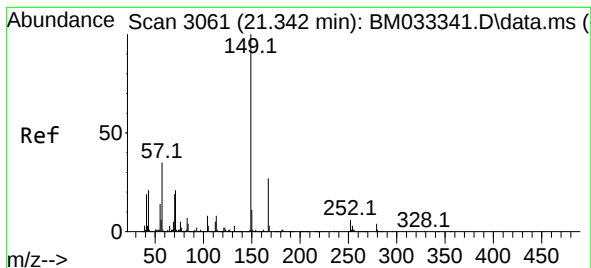
Tgt Ion:240 Resp: 246254
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 69.594 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM033397.D
Acq: 10 Dec 2021 16:49

Tgt Ion:244 Resp: 925033
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 10.5 8.4 12.6

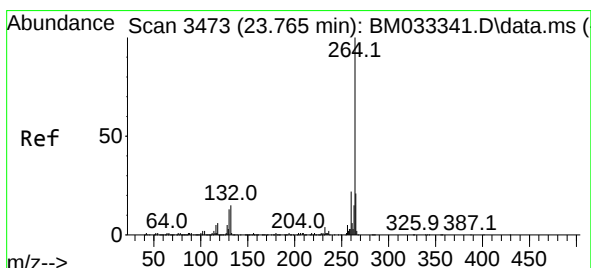
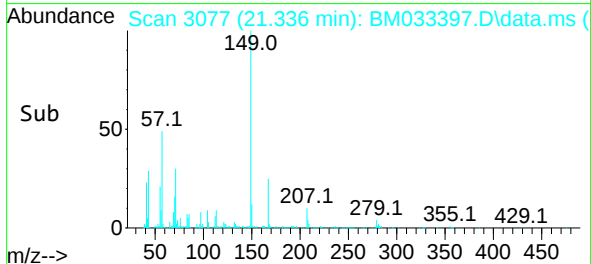
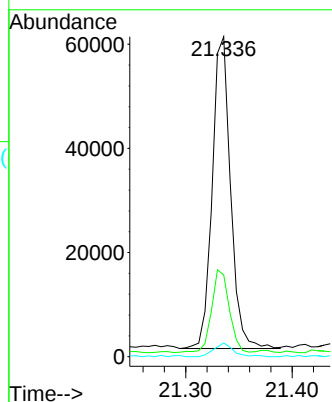
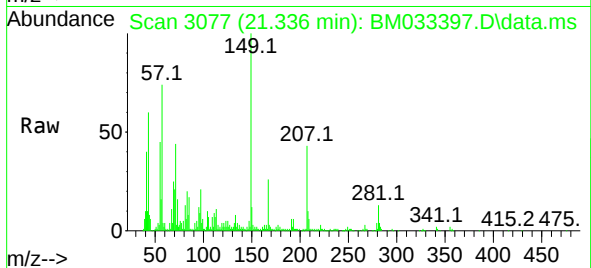




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.502 ng
 RT: 21.336 min Scan# 3061
 Delta R.T. -0.006 min
 Lab File: BM033397.D
 Acq: 10 Dec 2021 16:49

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

Tgt Ion:149 Resp: 71419
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.0
 279 4.3 3.0 4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.018 min
 Lab File: BM033397.D
 Acq: 10 Dec 2021 16:49

Tgt Ion:264 Resp: 246897
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.7 26.5
 265 22.4 17.7 26.5

