

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029134.D
 Acq On : 15 Mar 2021 17:35
 Operator : CG/JU
 Sample : M1648-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP2-30802:05

Quant Time: Mar 15 18:07:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

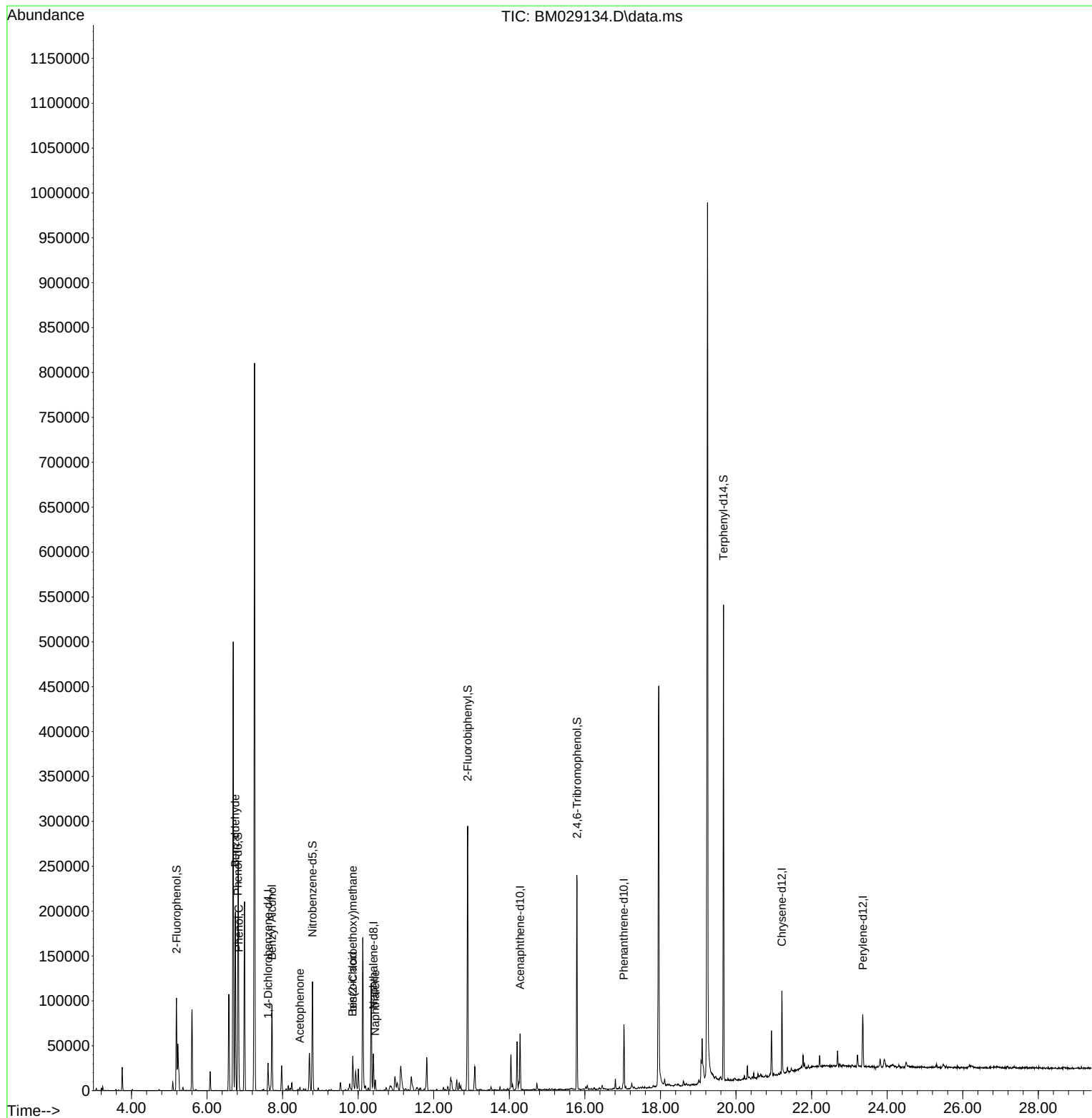
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	7938	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	31708	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	18846	20.00	ng	-0.01
64) Phenanthrene-d10	17.033	188	39480	20.00	ng	-0.01
76) Chrysene-d12	21.215	240	36163	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	36211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	38083	79.52	ng	0.00
7) Phenol-d6	6.816	99	28051	44.35	ng	0.00
23) Nitrobenzene-d5	8.793	82	59575	101.37	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	34649	155.13	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	133839	94.54	ng	0.00
79) Terphenyl-d14	19.668	244	197137	100.66	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.751	77	13383	38.82	ng	# 1
10) Phenol	6.840	94	3261	5.19	ng	# 16
15) Benzyl Alcohol	7.716	79	4168	9.21	ng	# 17
22) Acetophenone	8.457	105	2111	2.73	ng	# 82
28) bis(2-Chloroethoxy)met...	9.857	93	13587	23.12	ng	# 49
31) Naphthalene	10.451	128	9173	5.25	ng	98
32) Benzoic acid	9.851	122	784	2.41	ng	# 1

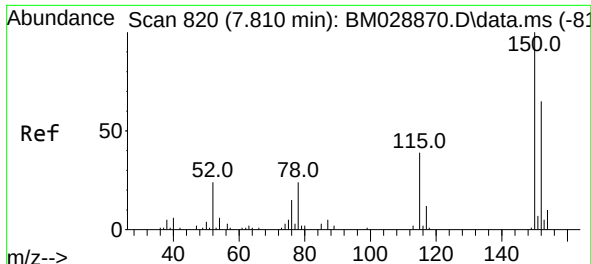
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

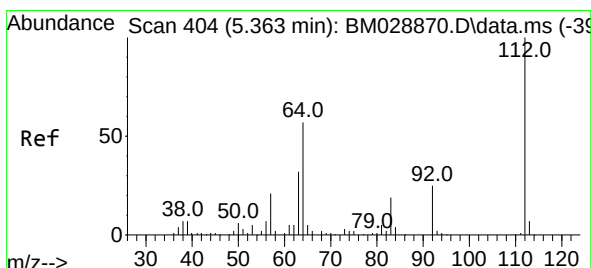
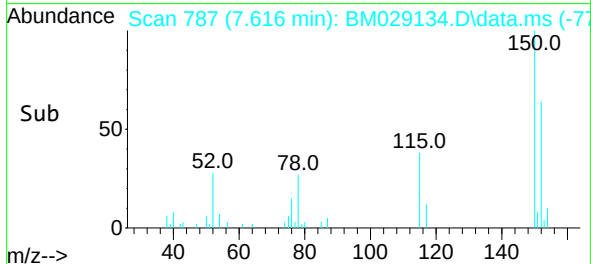
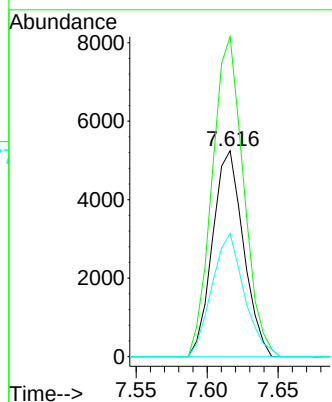
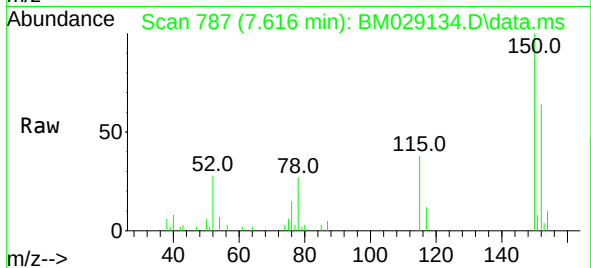




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

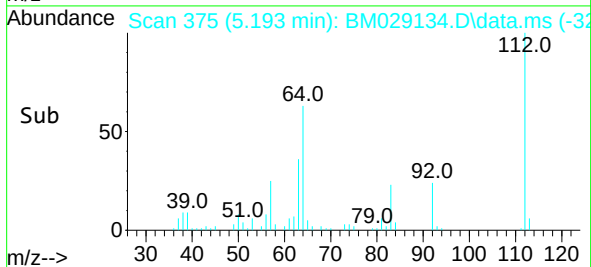
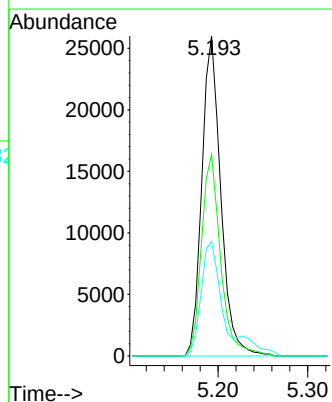
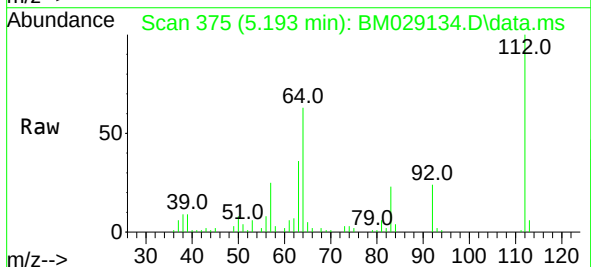
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

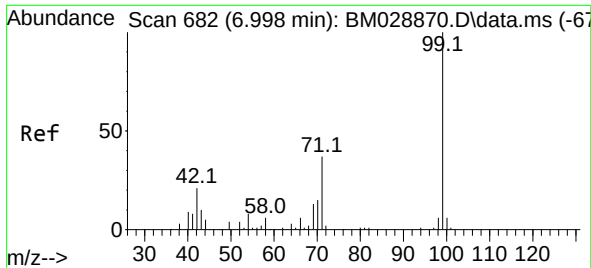
Tgt Ion:152 Resp: 7938
Ion Ratio Lower Upper
152 100
150 155.4 120.6 181.0
115 59.7 47.2 70.8



#5
2-Fluorophenol
Concen: 79.52 ng
RT: 5.193 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:112 Resp: 38083
Ion Ratio Lower Upper
112 100
64 63.0 50.6 76.0
63 35.7 31.0 46.6

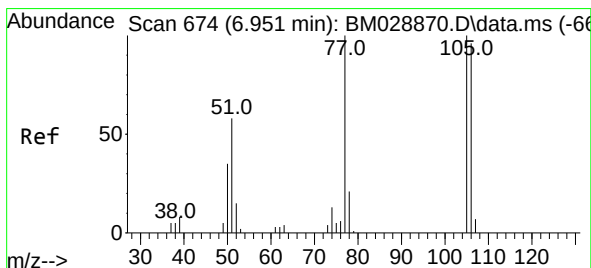
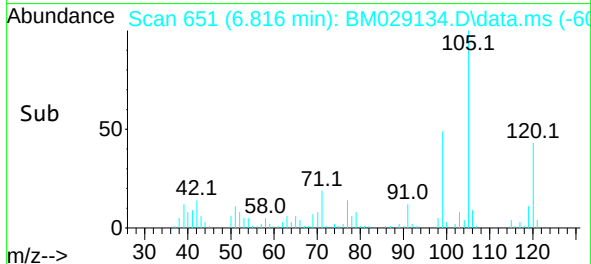
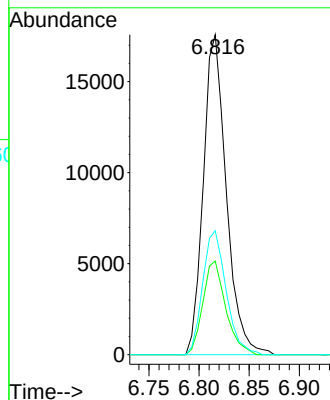
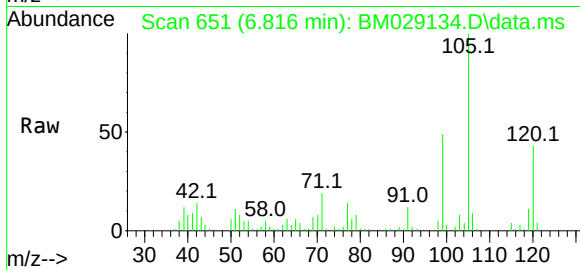




#7
Phenol-d6
Concen: 44.35 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

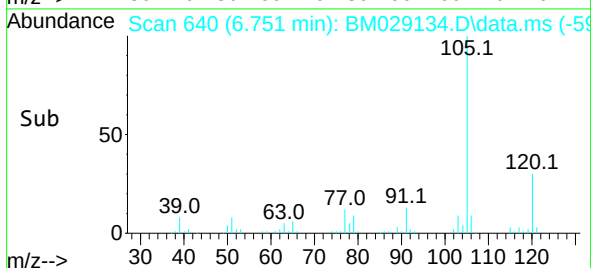
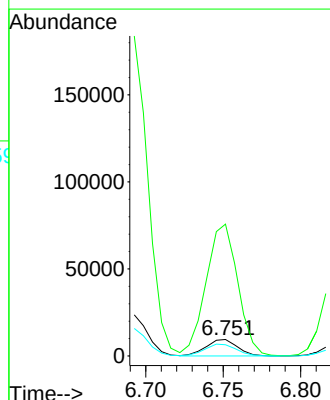
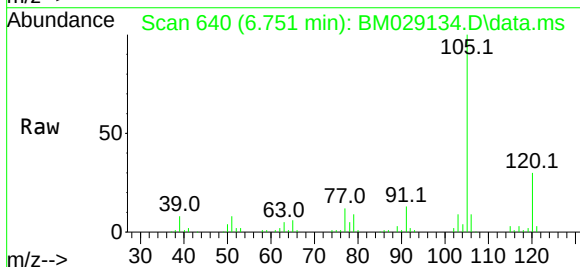
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

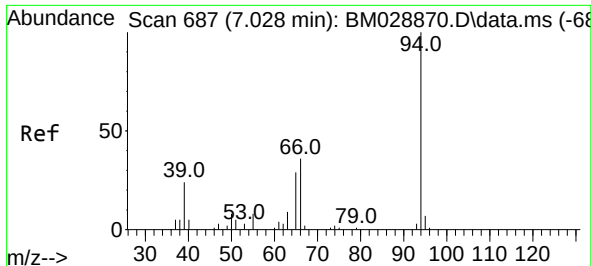
Tgt Ion:	99	Resp:	28051
Ion	Ratio	Lower	Upper
99	100		
42	29.3	13.5	20.3#
71	38.8	39.4	59.0#



#9
Benzaldehyde
Concen: 38.82 ng
RT: 6.751 min Scan# 640
Delta R.T. -0.023 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:	77	Resp:	13383
Ion	Ratio	Lower	Upper
77	100		
105	800.8	64.7	104.7#
106	68.2	57.5	97.5

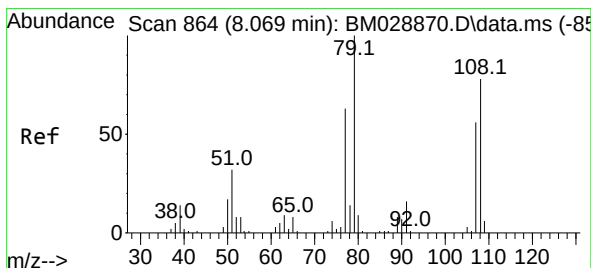
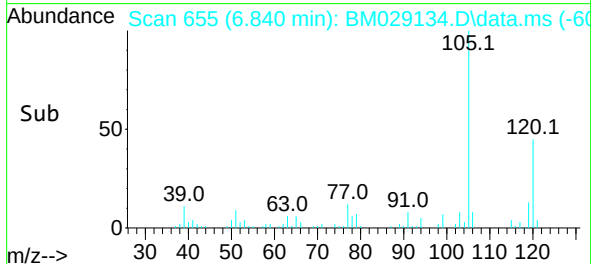
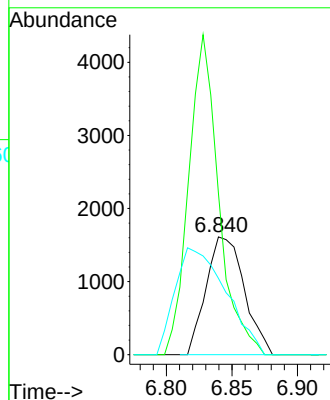
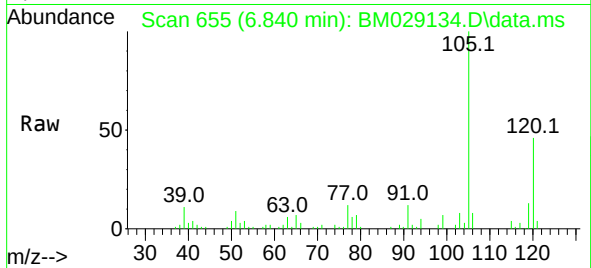




#10
Phenol
Concen: 5.19 ng
RT: 6.840 min Scan# 655
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

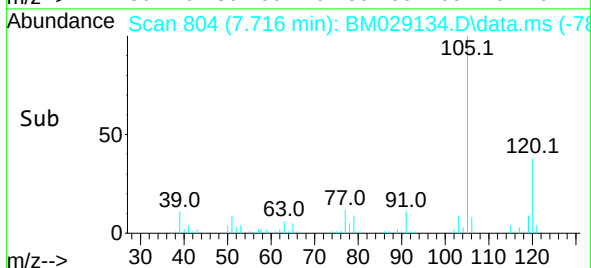
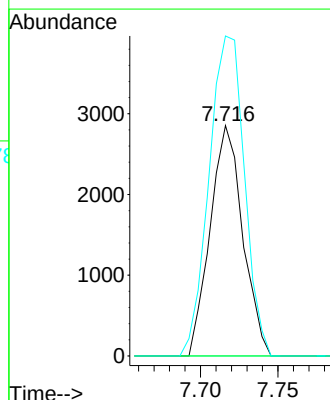
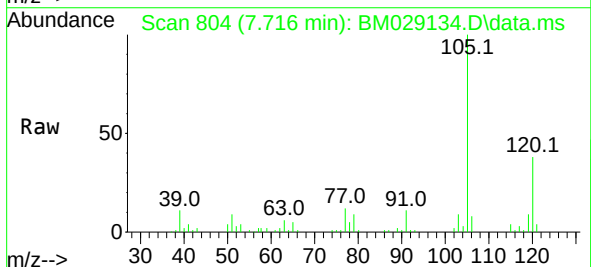
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

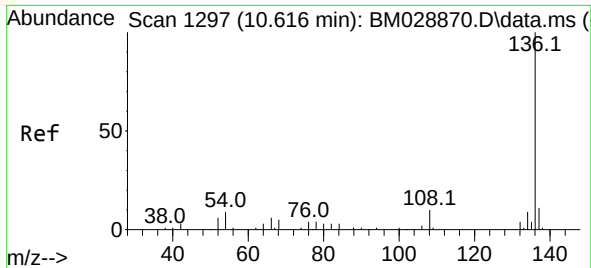
Tgt Ion: 94 Resp: 3261
Ion Ratio Lower Upper
94 100
65 136.9 16.4 56.4#
66 64.9 30.2 70.2



#15
Benzyl Alcohol
Concen: 9.21 ng
RT: 7.716 min Scan# 804
Delta R.T. -0.170 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion: 79 Resp: 4168
Ion Ratio Lower Upper
79 100
108 0.0 49.0 73.4#
77 138.9 55.2 82.8#

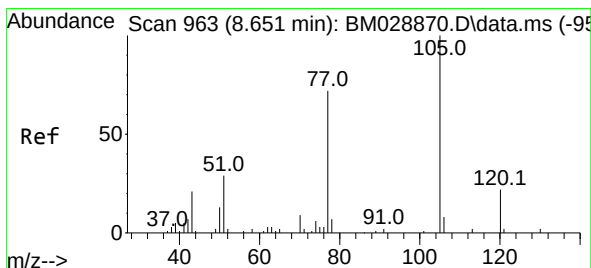
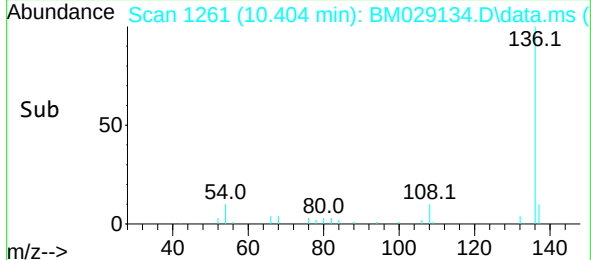
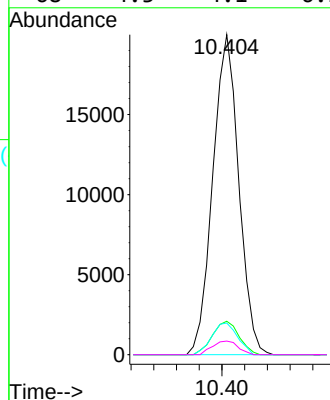
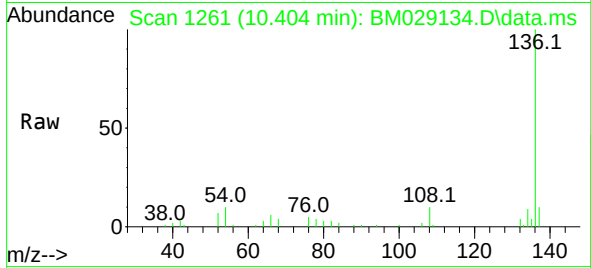




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

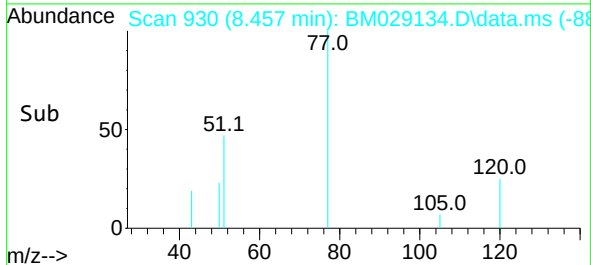
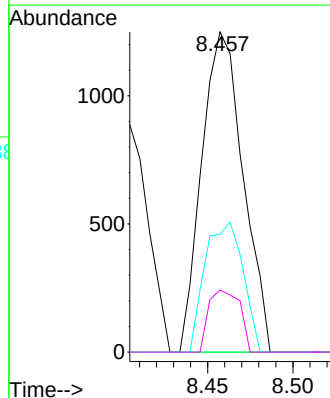
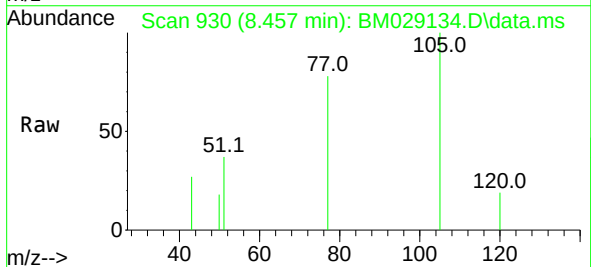
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

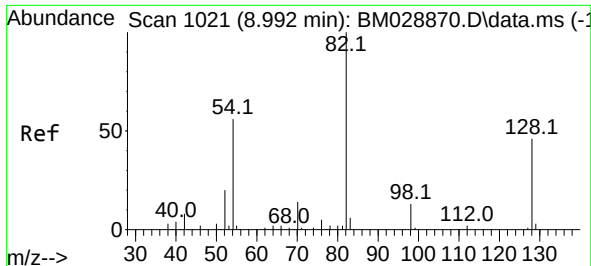
Tgt Ion:136	Resp:	31708
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 12.8
54	9.9	4.6 7.0#
68	4.3	4.1 6.1



#22
Acetophenone
Concen: 2.73 ng
RT: 8.457 min Scan# 930
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:105	Resp:	2111
Ion Ratio	Lower	Upper
105	100	
71	0.0	7.6 11.4#
51	36.8	18.6 28.0#
120	19.4	17.3 25.9

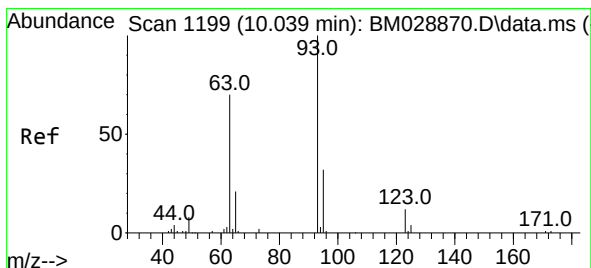
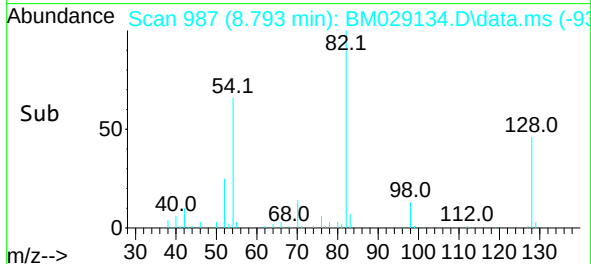
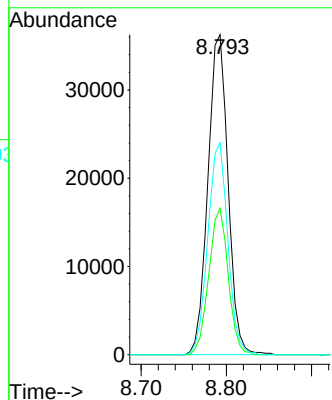
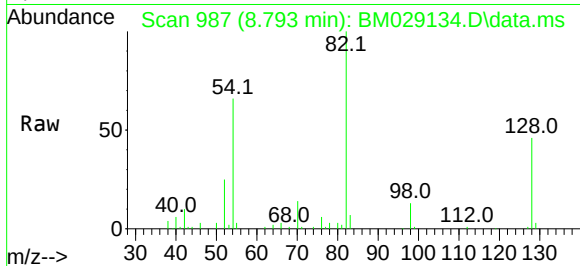




#23
Nitrobenzene-d5
Concen: 101.37 ng
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

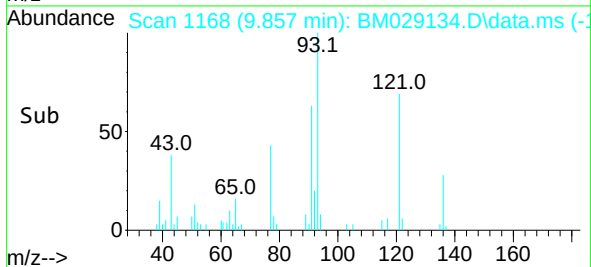
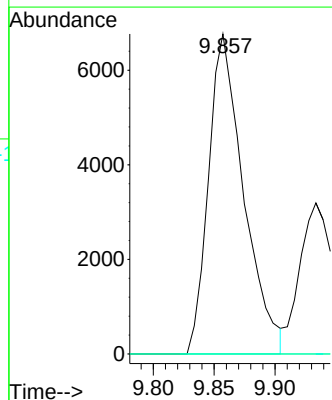
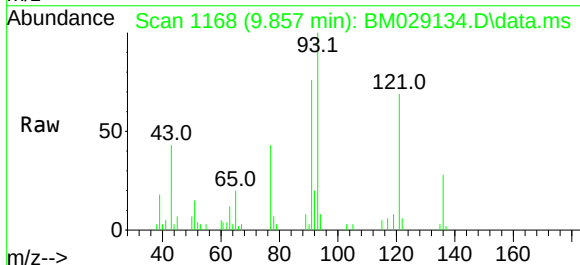
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

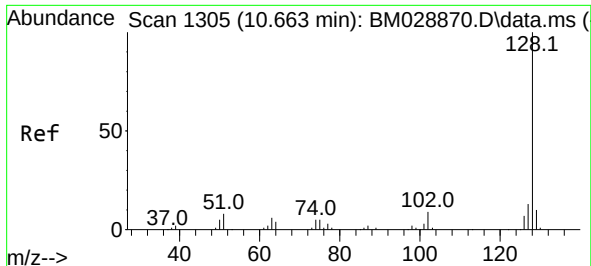
Tgt Ion: 82 Resp: 59575
Ion Ratio Lower Upper
82 100
128 45.8 27.4 41.0#
54 66.2 31.4 47.0#



#28
bis(2-Chloroethoxy)methane
Concen: 23.12 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

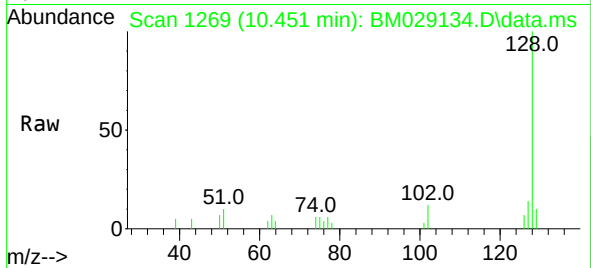
Tgt Ion: 93 Resp: 13587
Ion Ratio Lower Upper
93 100
95 0.0 26.5 39.7#
123 0.0 8.6 12.8#



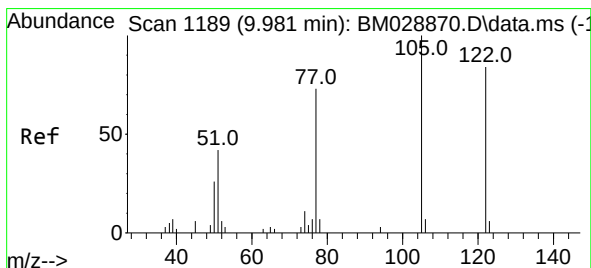
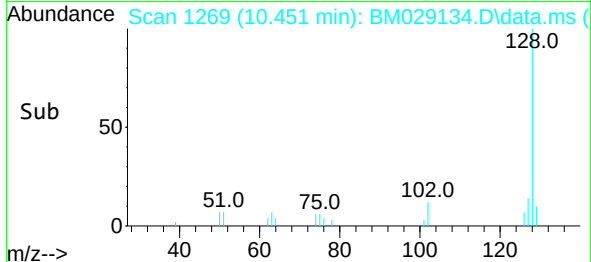
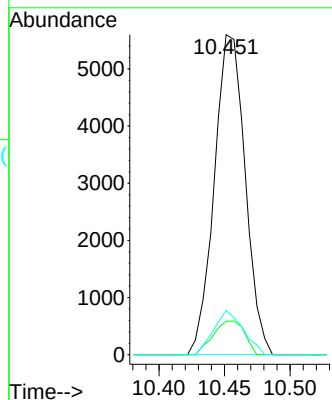


#31
Naphthalene
Concen: 5.25 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

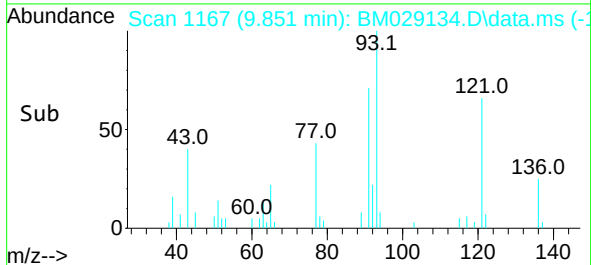
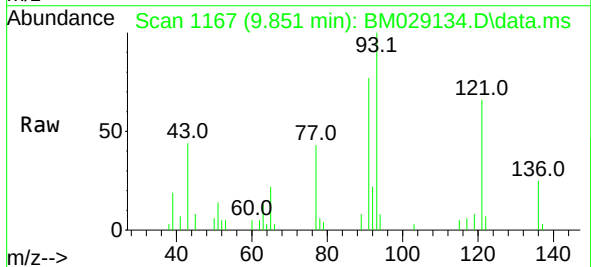
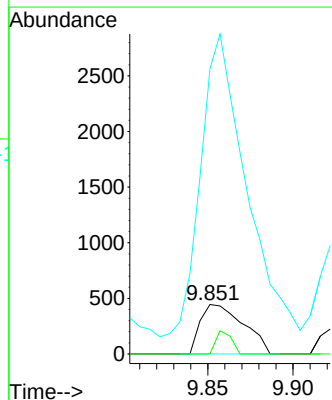


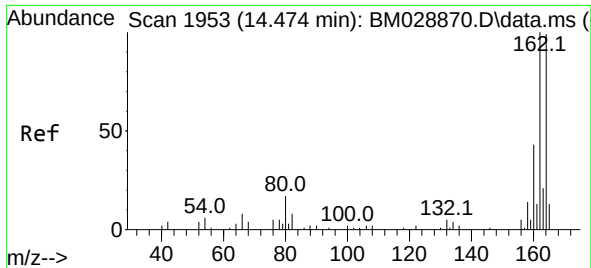
Tgt Ion:128 Resp: 9173
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.8 10.6 15.8



#32
Benzoic acid
Concen: 2.41 ng
RT: 9.851 min Scan# 1167
Delta R.T. 0.041 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

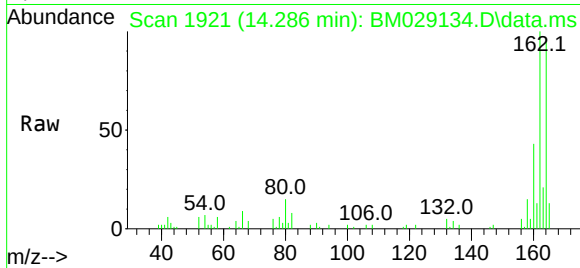
Tgt Ion:122 Resp: 784
Ion Ratio Lower Upper
122 100
105 0.0 114.0 154.0#
77 576.2 101.8 141.8#



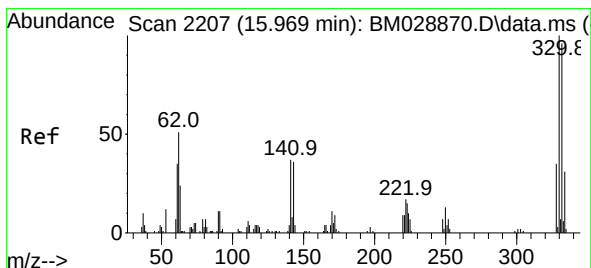
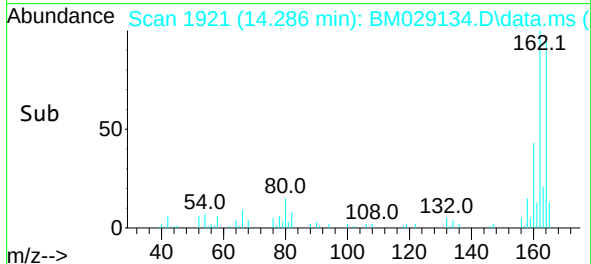
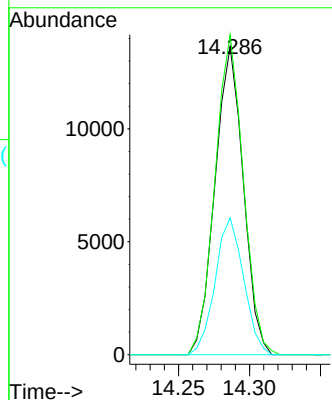


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

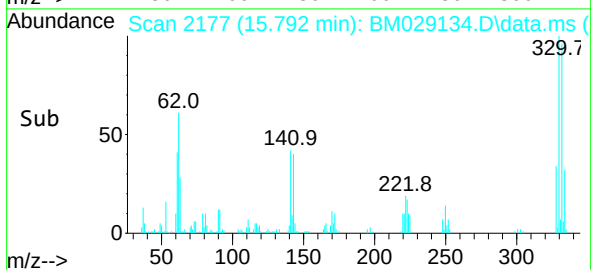
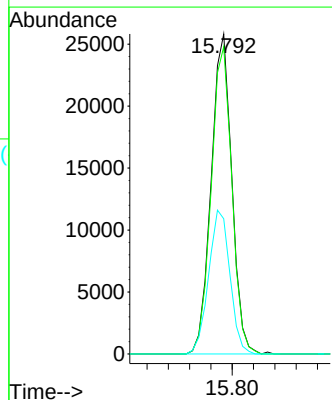
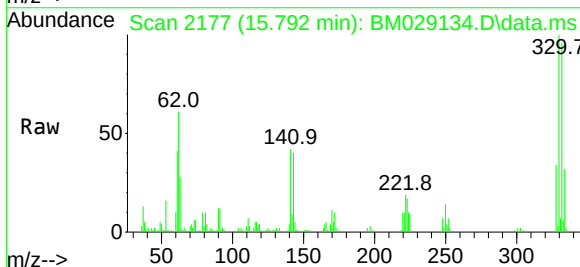


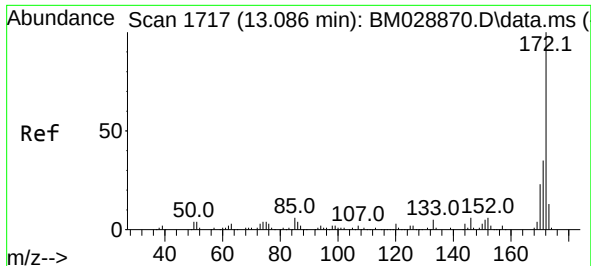
Tgt Ion:164 Resp: 18846
Ion Ratio Lower Upper
164 100
162 103.8 80.4 120.6
160 44.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 155.13 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:330 Resp: 34649
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 46.5 28.4 42.6#

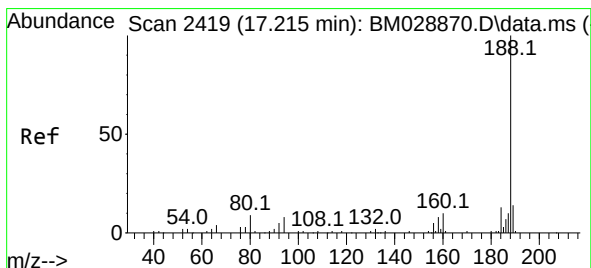
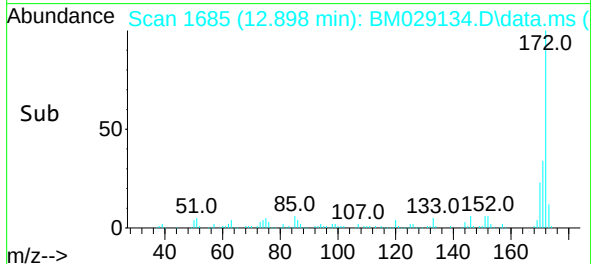
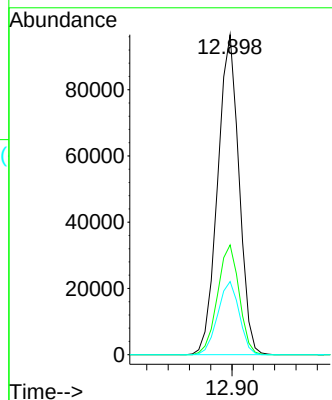
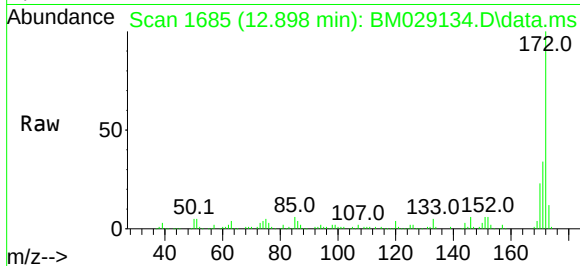




#45
2-Fluorobiphenyl
Concen: 94.54 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

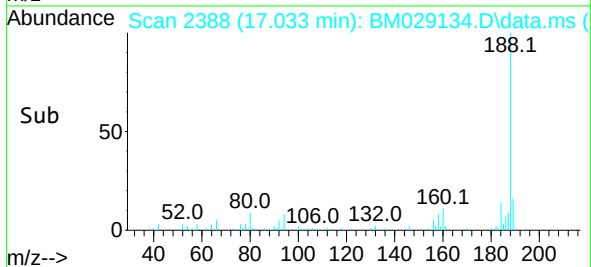
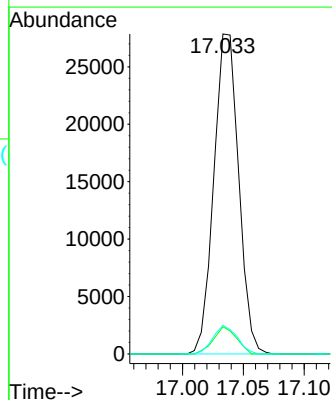
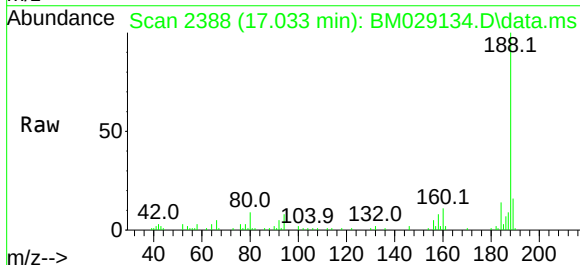
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

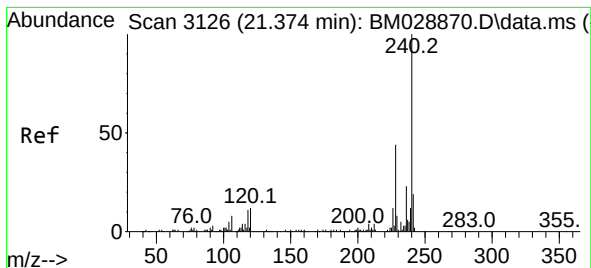
Tgt Ion:172 Resp: 133839
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:188 Resp: 39480
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.4
80 9.0 7.5 11.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.215 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM029134.D

Acq: 15 Mar 2021 17:35

Tgt Ion:240 Resp: 36163

Ion Ratio Lower Upper

240 100

120 10.6 6.4 9.6#

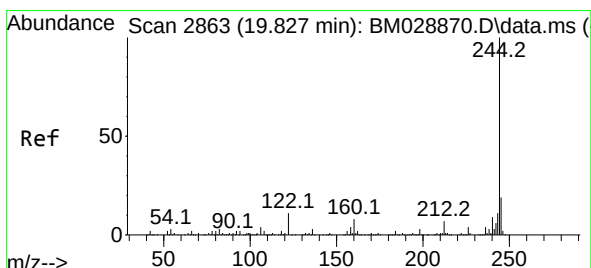
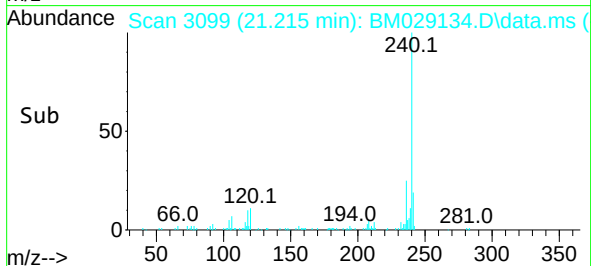
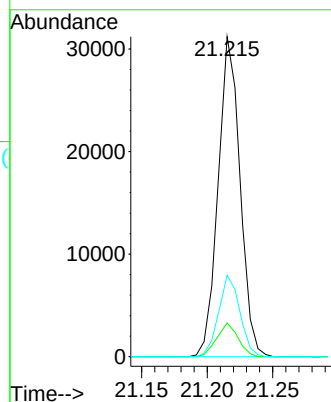
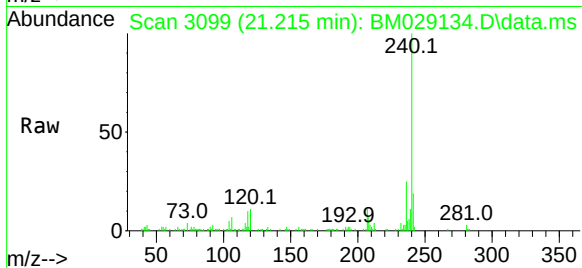
236 25.4 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

COMP2-30802:05



#79

Terphenyl-d14

Concen: 100.66 ng

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM029134.D

Acq: 15 Mar 2021 17:35

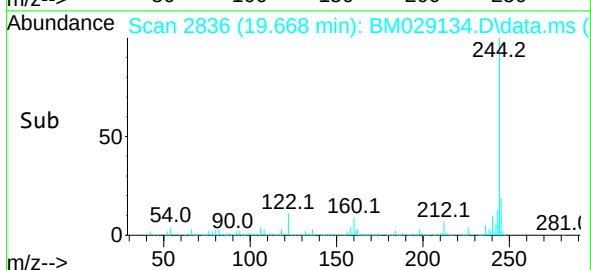
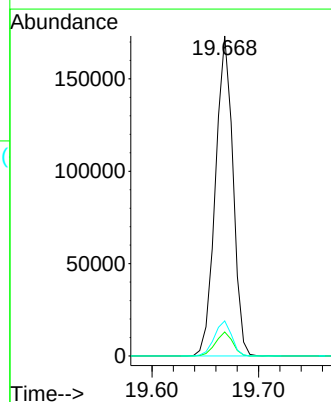
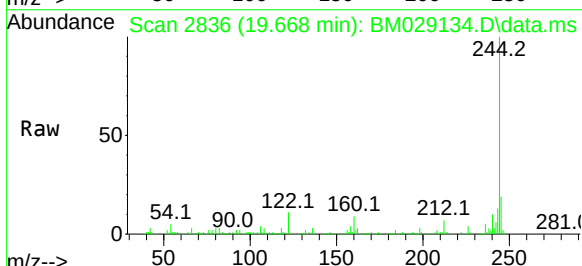
Tgt Ion:244 Resp: 197137

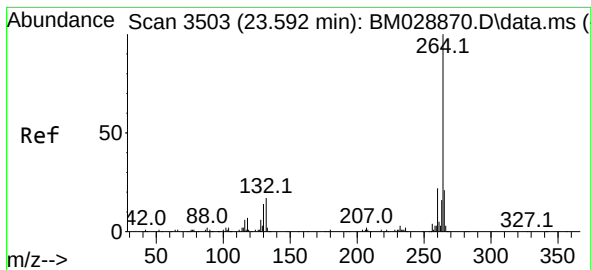
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 10.9 6.5 9.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.356 min Scan# 3463

Delta R.T. -0.012 min

Lab File: BM029134.D

Acq: 15 Mar 2021 17:35

Tgt Ion:264 Resp: 36211

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.6 17.7 26.5

