

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029133.D
 Acq On : 15 Mar 2021 16:59
 Operator : CG/JU
 Sample : M1677-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 17:33:50 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)

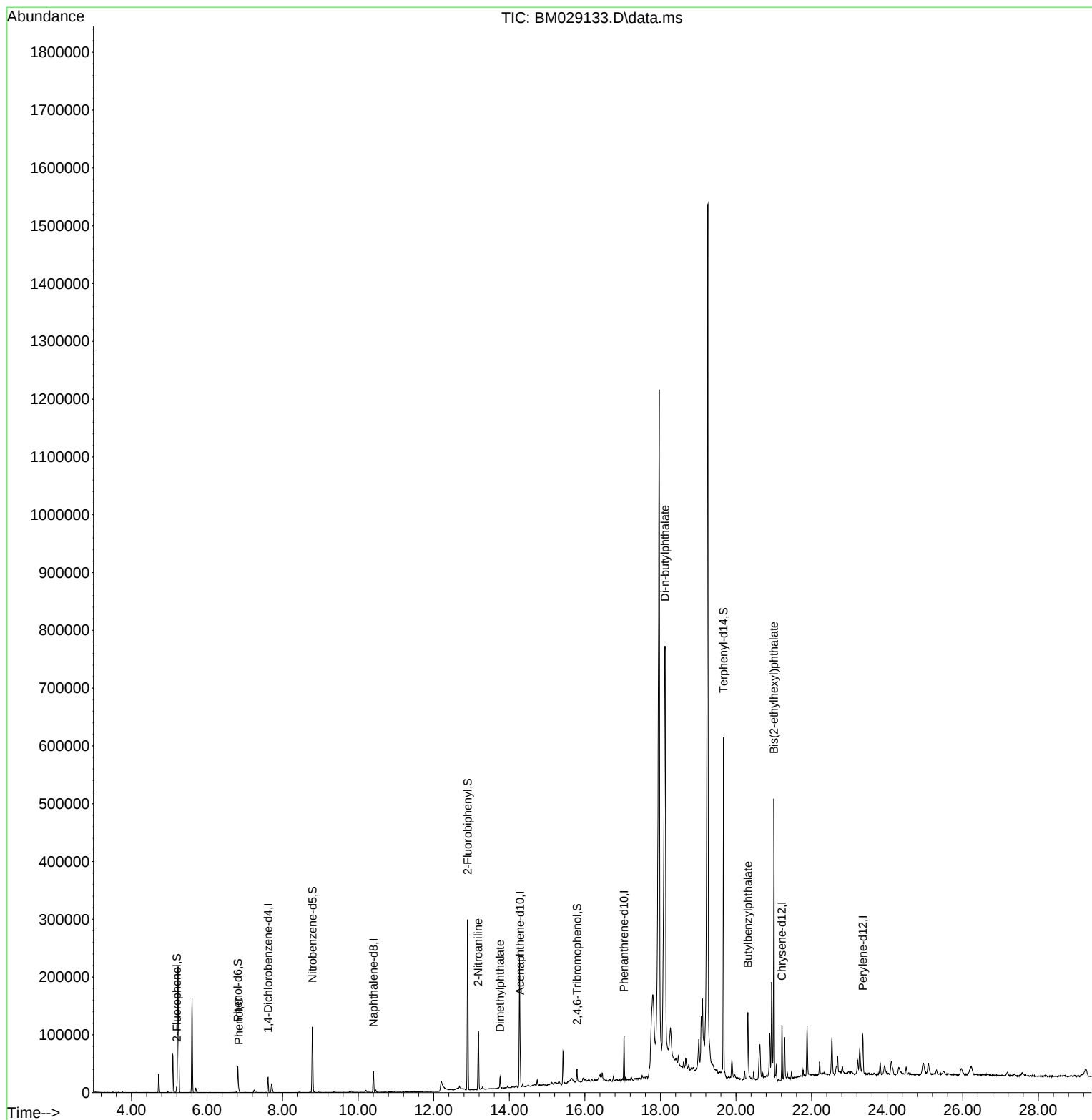
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	6842	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	27960	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	18983	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	41455	20.00	ng	0.00
76) Chrysene-d12	21.215	240	41384	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	41094	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	4153	10.06	ng	0.00
7) Phenol-d6	6.816	99	20807	38.16	ng	0.00
23) Nitrobenzene-d5	8.792	82	54754	105.65	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	3185	14.16	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	131227	92.03	ng	0.00
79) Terphenyl-d14	19.668	244	229765	102.52	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.845	94	2186	4.03	ng	99
48) 2-Nitroaniline	13.180	65	1926	5.76	ng	# 16
50) Dimethylphthalate	13.757	163	11117	7.73	ng	100
74) Di-n-butylphthalate	18.121	149	672149	251.95	ng	# 94
80) Butylbenzylphthalate	20.315	149	18570	14.19	ng	# 24
84) Bis(2-ethylhexyl)phtha...	21.003	149	177787	94.40	ng	# 52

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

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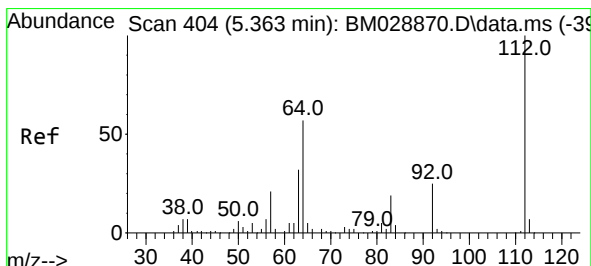
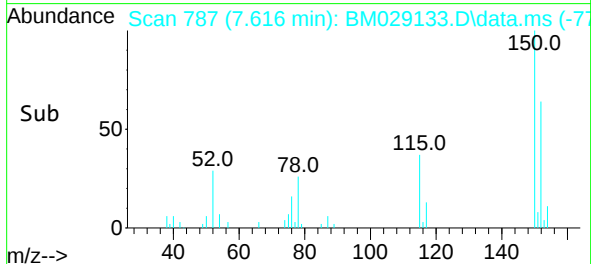
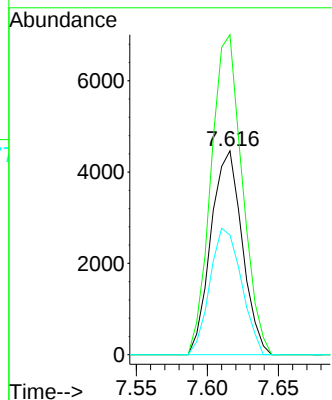
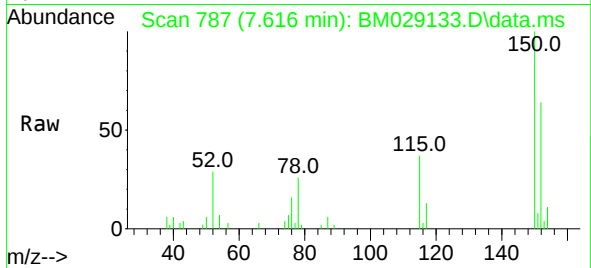




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

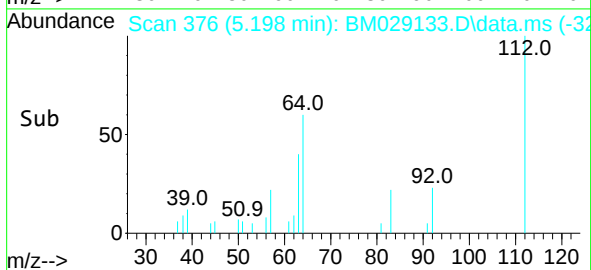
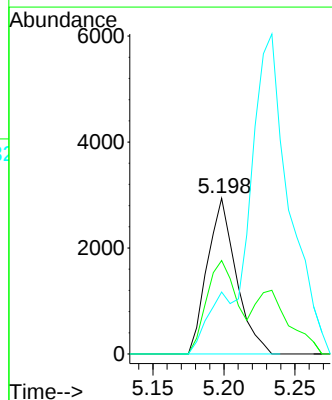
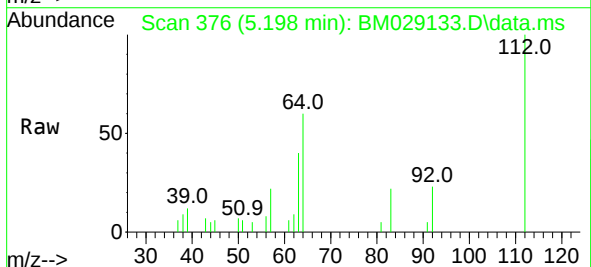
Instrument :
BNA_M
ClientSampled :

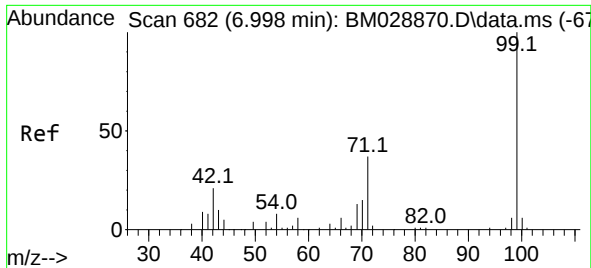
Tgt Ion:152 Resp: 6842
Ion Ratio Lower Upper
152 100
150 156.9 120.6 181.0
115 58.7 47.2 70.8



#5
2-Fluorophenol
Concen: 10.06 ng
RT: 5.198 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

Tgt Ion:112 Resp: 4153
Ion Ratio Lower Upper
112 100
64 60.0 50.6 76.0
63 39.8 31.0 46.6

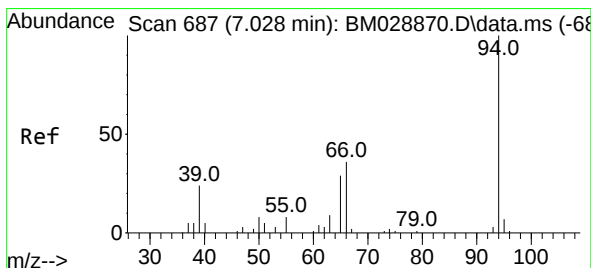
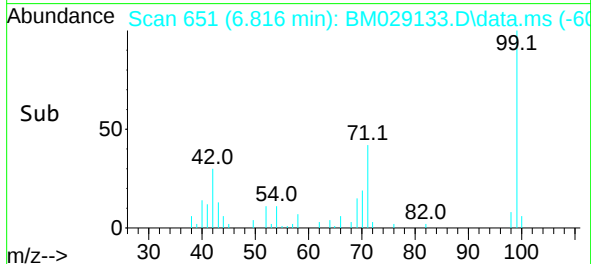
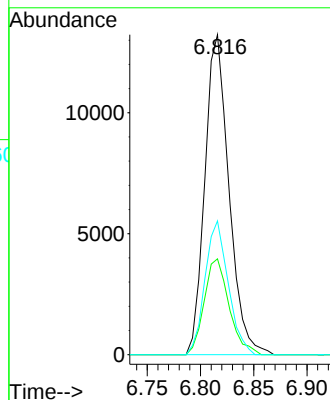
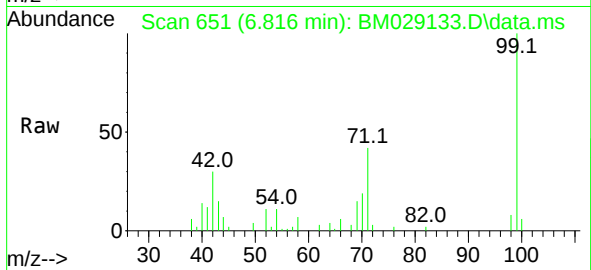




#7
Phenol-d6
Concen: 38.16 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

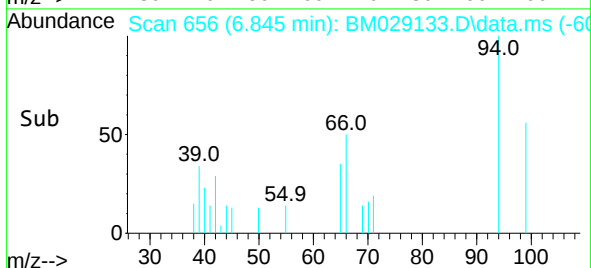
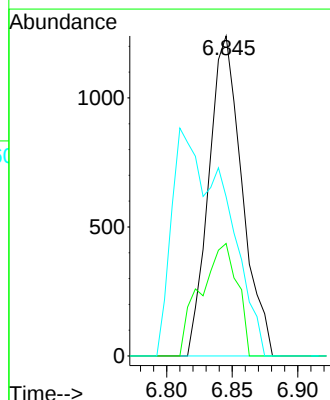
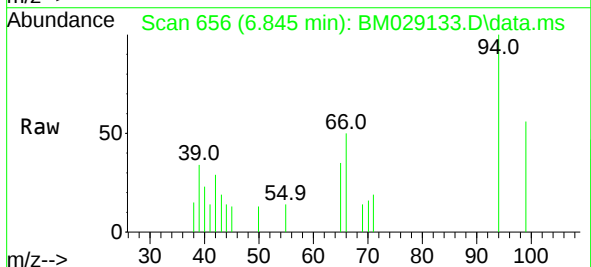
Instrument :
BNA_M
ClientSampleId :

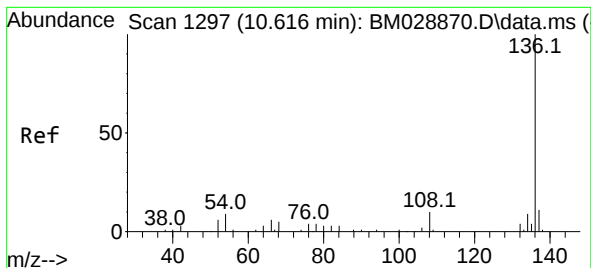
Tgt Ion: 99 Resp: 20807
Ion Ratio Lower Upper
99 100
42 30.0 13.5 20.3#
71 41.8 39.4 59.0



#10
Phenol
Concen: 4.03 ng
RT: 6.845 min Scan# 656
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

Tgt Ion: 94 Resp: 2186
Ion Ratio Lower Upper
94 100
65 35.2 16.4 56.4
66 49.8 30.2 70.2

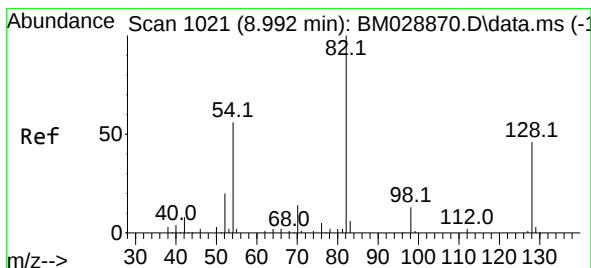
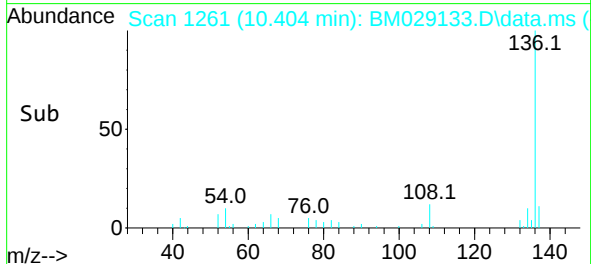
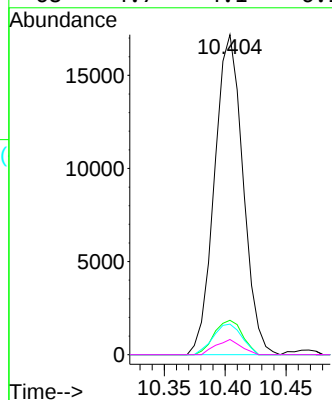
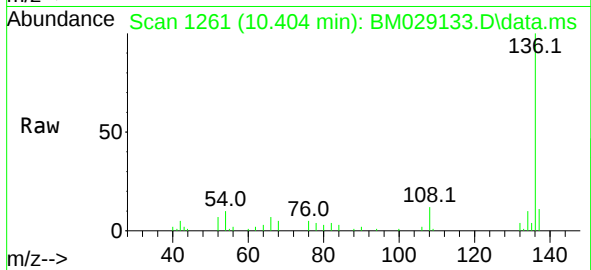




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

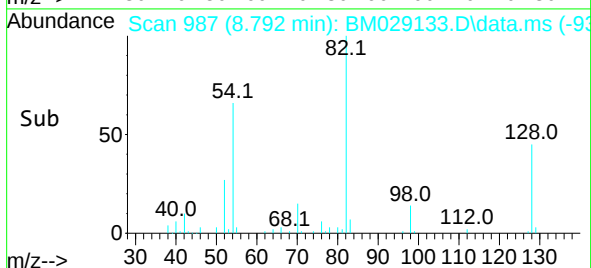
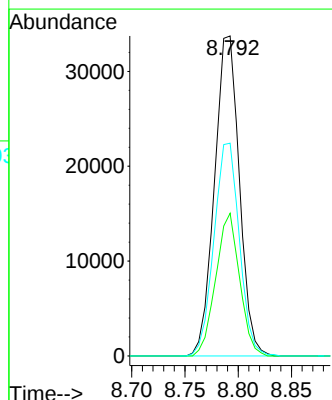
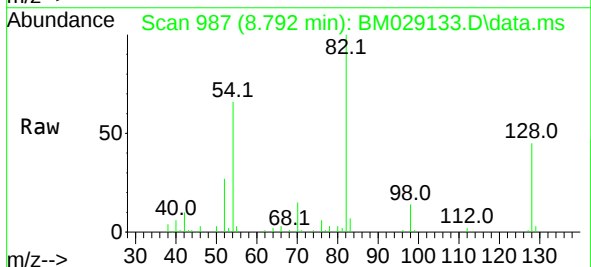
Instrument :
BNA_M
ClientSampled :

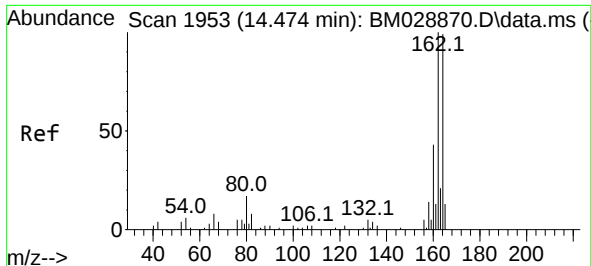
Tgt Ion:	136	Resp:	27960
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	4.6	7.0#
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 105.65 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

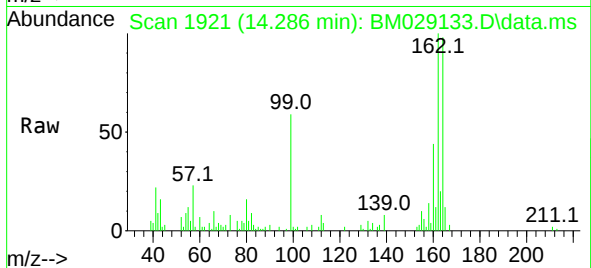
Tgt Ion:	82	Resp:	54754
Ion	Ratio	Lower	Upper
82	100		
128	44.6	27.4	41.0#
54	66.5	31.4	47.0#



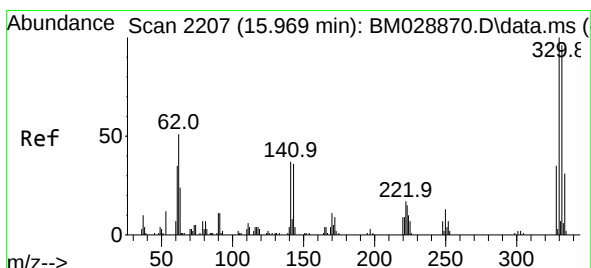
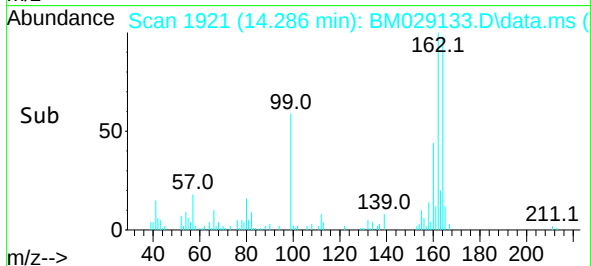
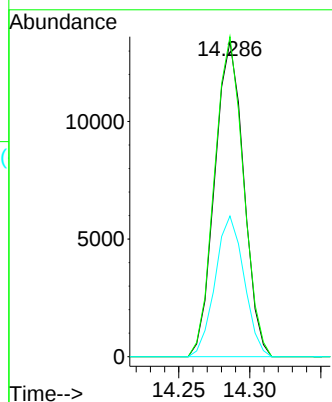


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

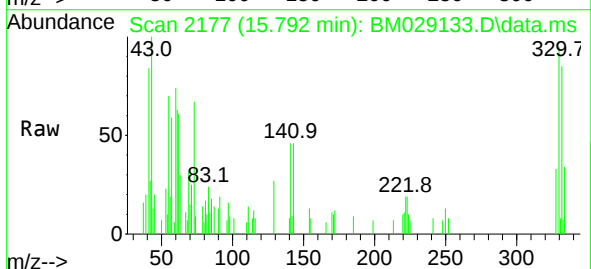
Instrument :
BNA_M
ClientSampleId :



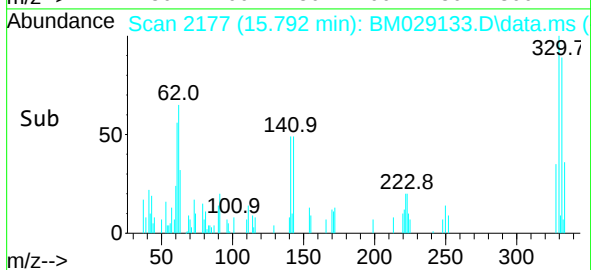
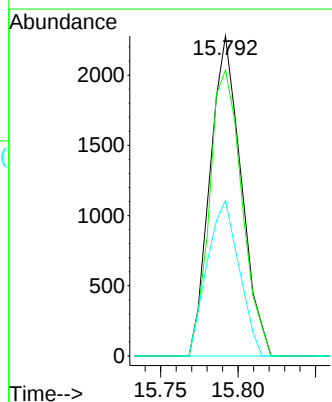
Tgt Ion:164 Resp: 18983
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 44.7 35.9 53.9

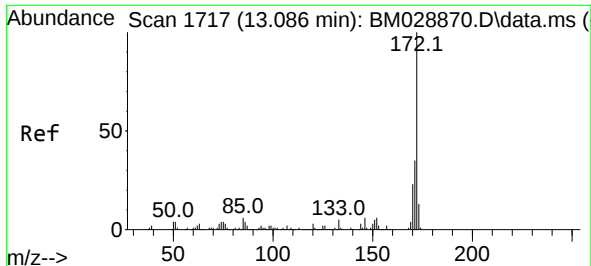


#42
2,4,6-Tribromophenol
Concen: 14.16 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59



Tgt Ion:330 Resp: 3185
Ion Ratio Lower Upper
330 100
332 92.9 77.8 116.8
141 49.8 28.4 42.6#

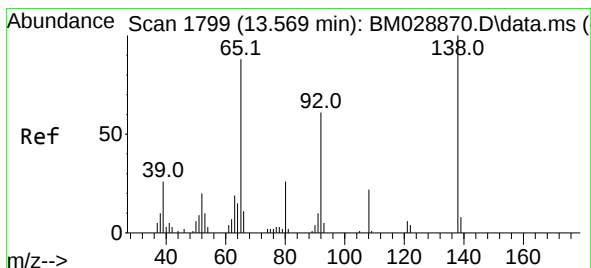
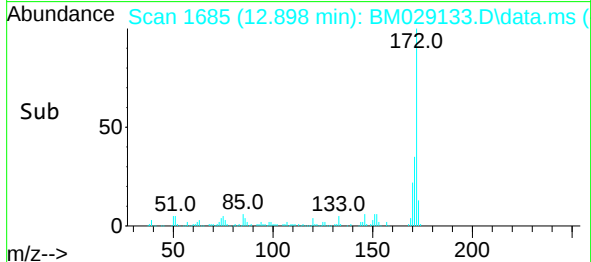
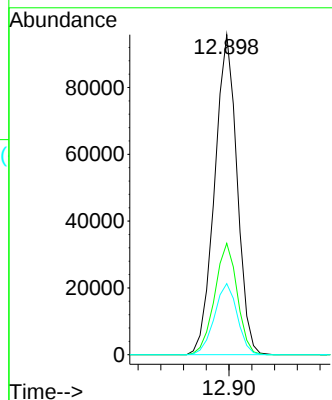
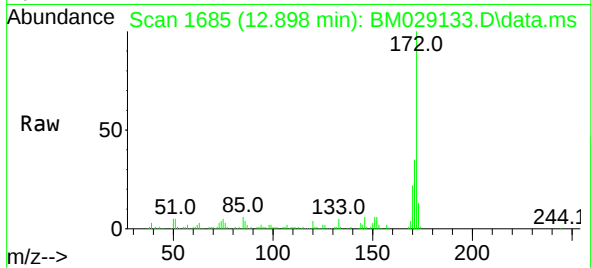




#45
2-Fluorobiphenyl
Concen: 92.03 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

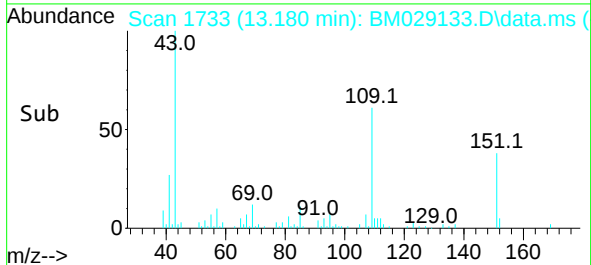
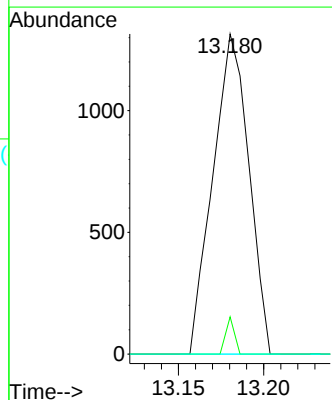
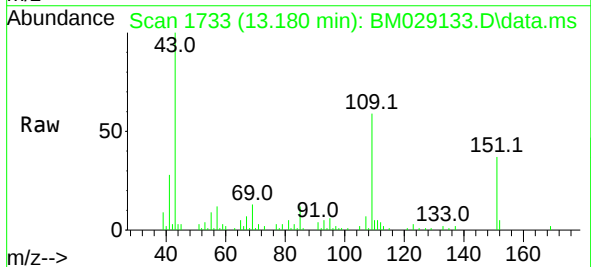
Instrument :
BNA_M
ClientSampleId :

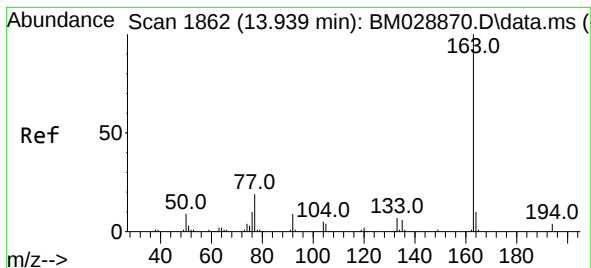
Tgt Ion:172 Resp: 131227
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.2 18.6 27.8



#48
2-Nitroaniline
Concen: 5.76 ng
RT: 13.180 min Scan# 1733
Delta R.T. -0.212 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

Tgt Ion: 65 Resp: 1926
Ion Ratio Lower Upper
65 100
92 11.6 51.5 77.3#
138 0.0 72.7 109.1#

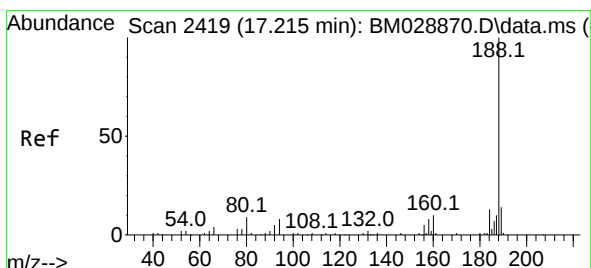
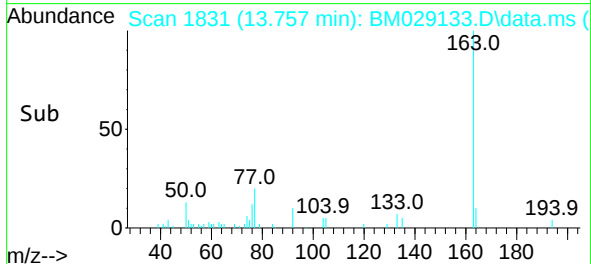
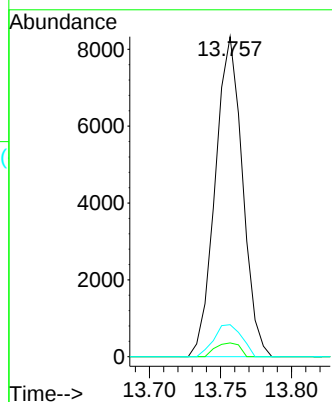
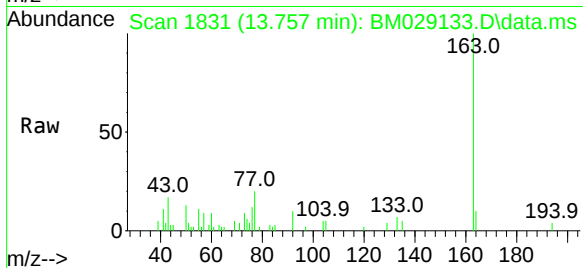




#50
Dimethylphthalate
Concen: 7.73 ng
RT: 13.757 min Scan# 1831
Delta R.T. -0.012 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

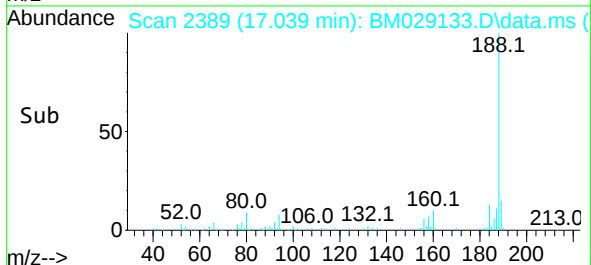
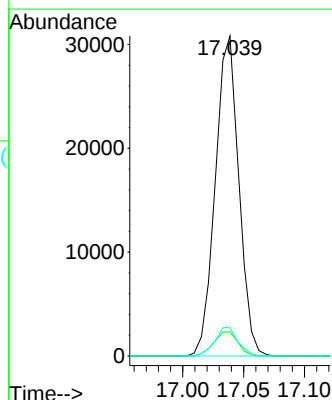
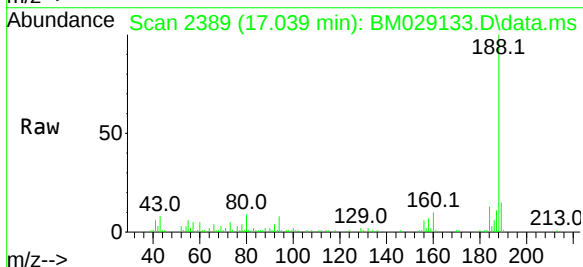
Instrument :
BNA_M
ClientSampleId :

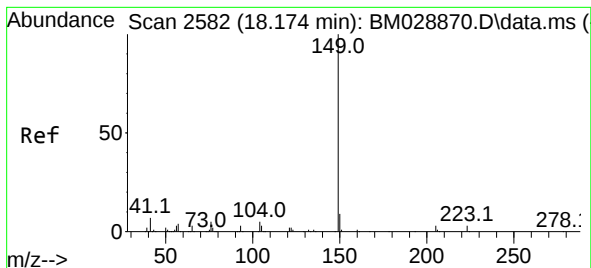
Tgt Ion:163 Resp: 11117
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

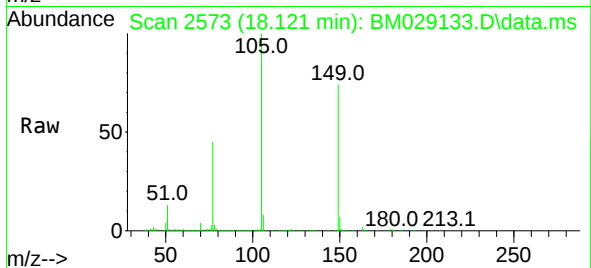
Tgt Ion:188 Resp: 41455
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.4
80 8.8 7.5 11.3



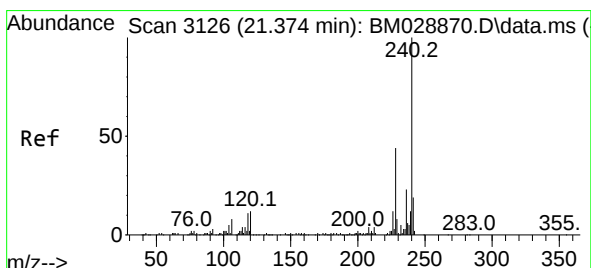
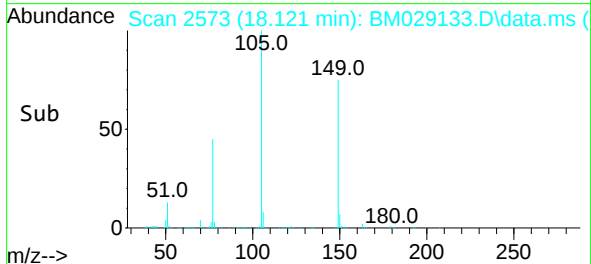
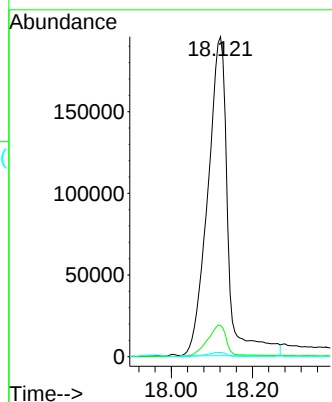


#74
Di-n-butylphthalate
Concen: 251.95 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.112 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

Instrument :
BNA_M
ClientSampled :

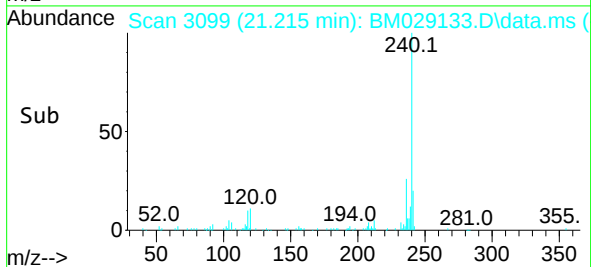
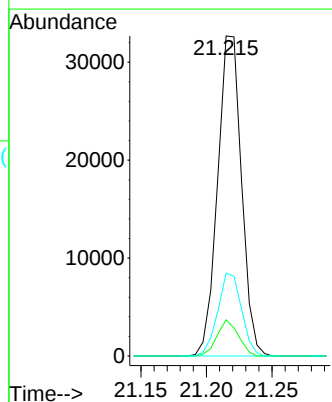
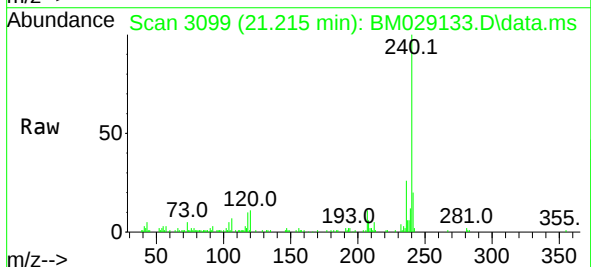


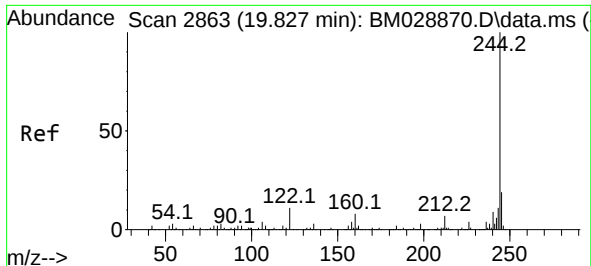
Tgt Ion:149 Resp: 672149
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.0
104 1.3 4.7 7.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM029133.D
Acq: 15 Mar 2021 16:59

Tgt Ion:240 Resp: 41384
Ion Ratio Lower Upper
240 100
120 11.3 6.4 9.6#
236 25.9 20.1 30.1

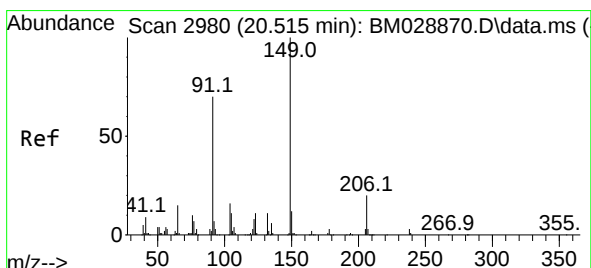
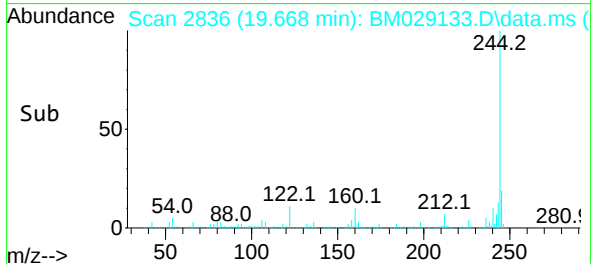
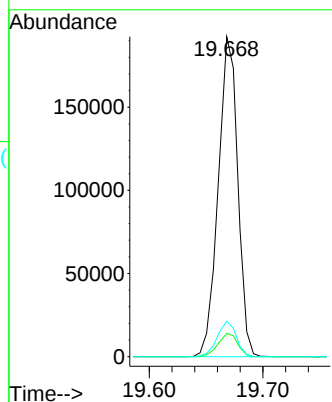
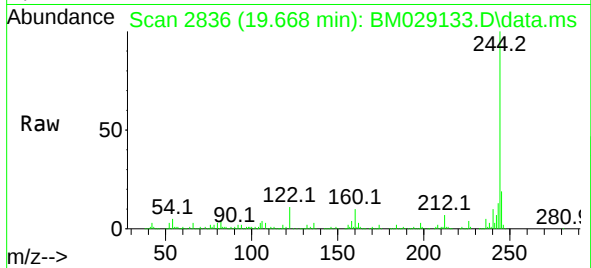




#79
 Terphenyl-d14
 Concen: 102.52 ng
 RT: 19.668 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM029133.D
 Acq: 15 Mar 2021 16:59

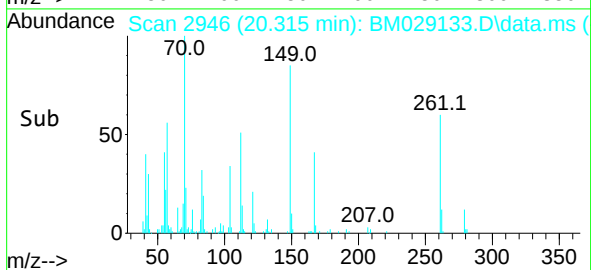
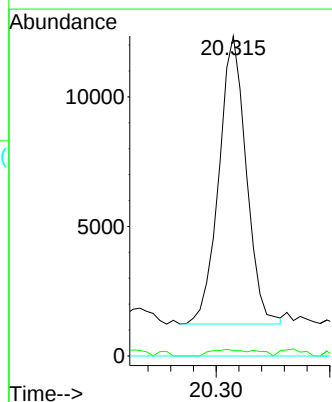
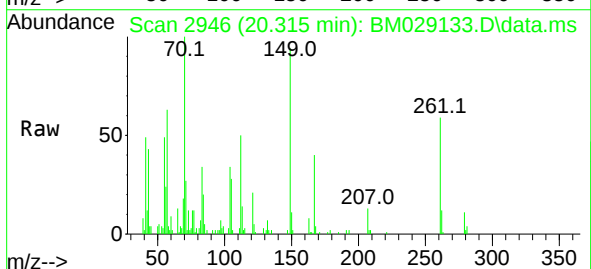
Instrument :
 BNA_M
 ClientSampleId :

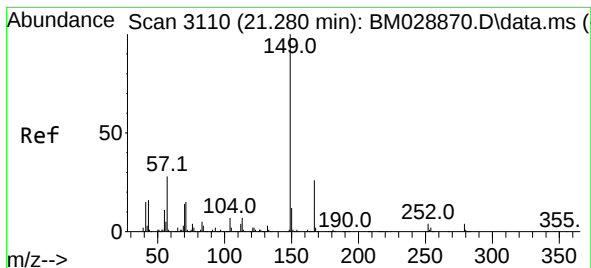
Tgt Ion:244 Resp: 229765
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.1 6.5 9.7#



#80
 Butylbenzylphthalate
 Concen: 14.19 ng
 RT: 20.315 min Scan# 2946
 Delta R.T. -0.053 min
 Lab File: BM029133.D
 Acq: 15 Mar 2021 16:59

Tgt Ion:149 Resp: 18570
 Ion Ratio Lower Upper
 149 100
 91 1.7 58.1 87.1#
 206 0.0 18.7 28.1#

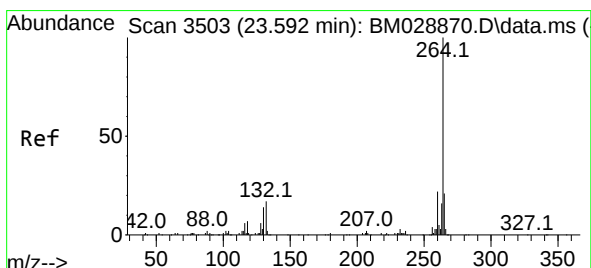
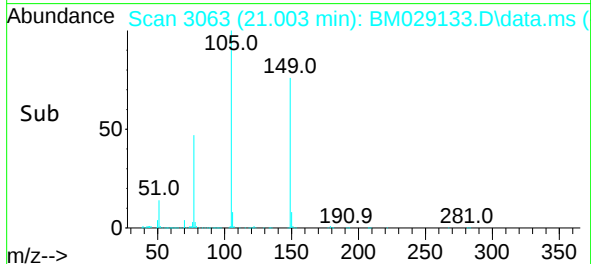
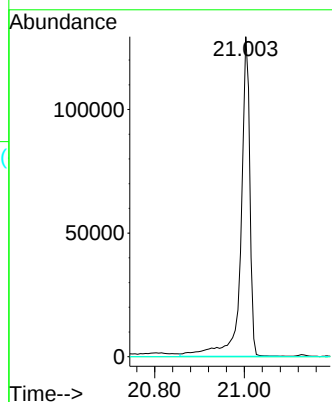
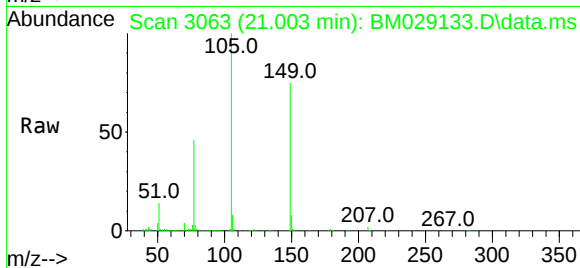




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 94.40 ng
 RT: 21.003 min Scan# 3063
 Delta R.T. -0.135 min
 Lab File: BM029133.D
 Acq: 15 Mar 2021 16:59

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion:149 Resp: 177787
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.7 34.1#
 279 0.0 4.0 6.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.356 min Scan# 3463
 Delta R.T. -0.012 min
 Lab File: BM029133.D
 Acq: 15 Mar 2021 16:59

Tgt Ion:264 Resp: 41094
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.3 17.7 26.5

