

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029646.D
 Acq On : 24 Apr 2021 20:20
 Operator : CG/JU
 Sample : M2119-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 12016

Quant Time: Apr 26 03:07:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

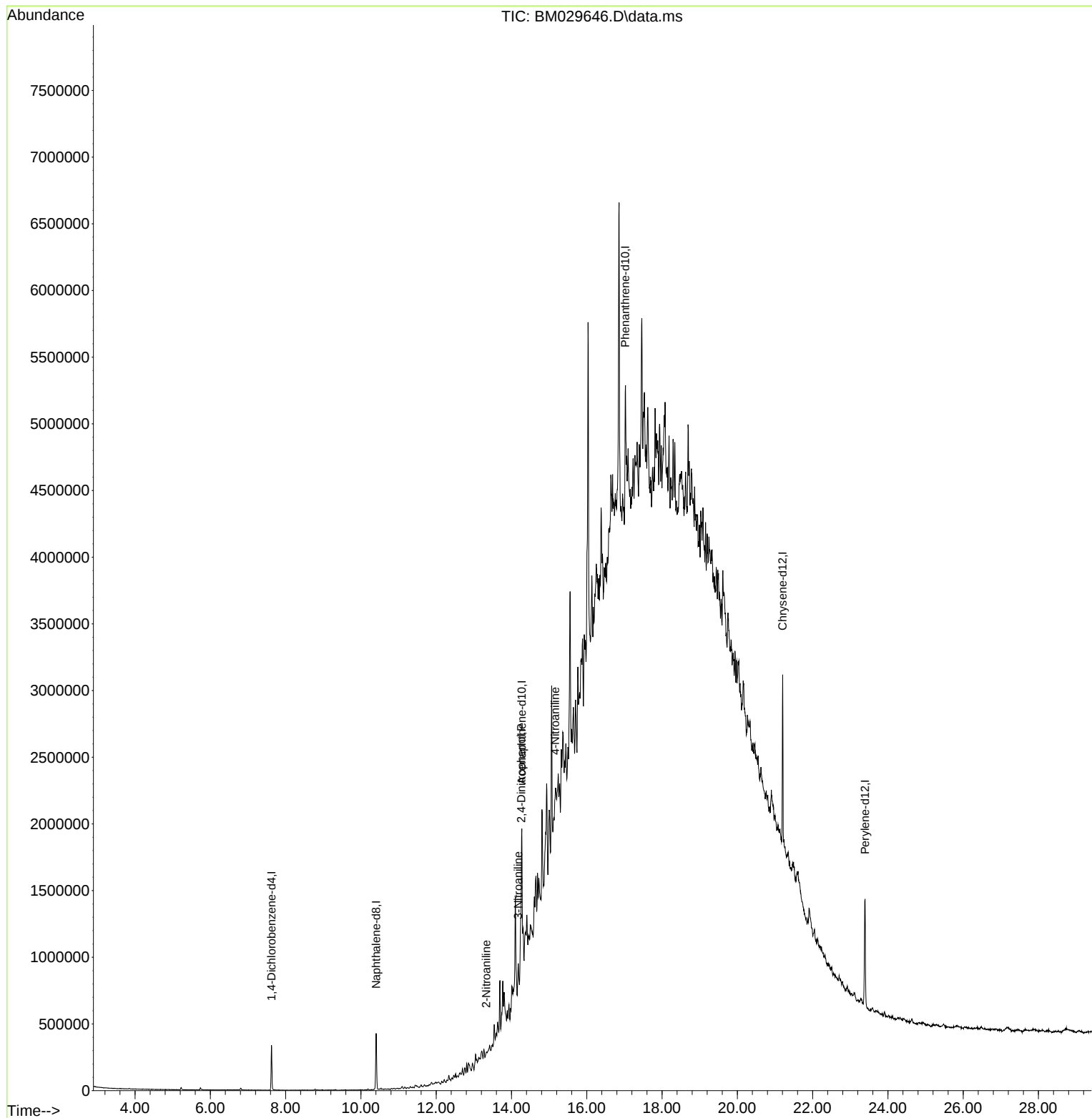
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	95592	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	340068	20.00	ng	-0.01
39) Acenaphthene-d10	14.274	164	243375	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	581309	20.00	ng	# 0.00
76) Chrysene-d12	21.203	240	567327	20.00	ng	0.00
86) Perylene-d12	23.392	264	553524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	7046	1.48	ng	0.00
7) Phenol-d6	6.804	99	8054	1.13	ng	0.00
23) Nitrobenzene-d5	8.781	82	6346	0.96	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	5079	1.51	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	18155	1.01	ng	-0.01
79) Terphenyl-d14	19.651	244	35860	1.20	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.327	65	402	2.95	ng	# 58
53) 3-Nitroaniline	14.180	138	6311	4.56	ng	# 28
54) 2,4-Dinitrophenol	14.263	184	66	4.39	ng	# 1
62) 4-Nitroaniline	15.157	138	18560	7.72	ng	89

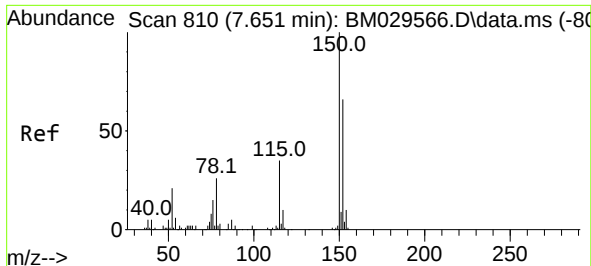
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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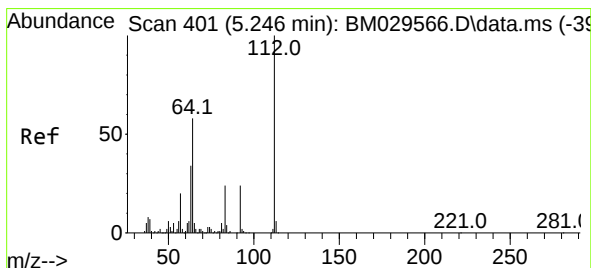
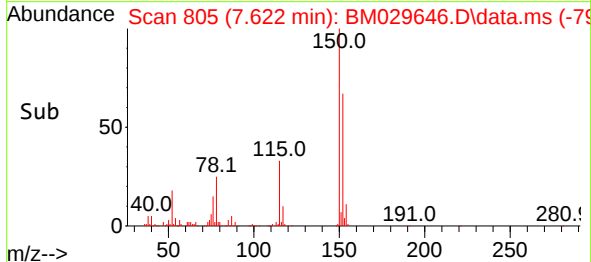
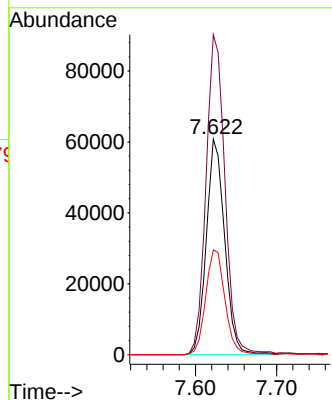
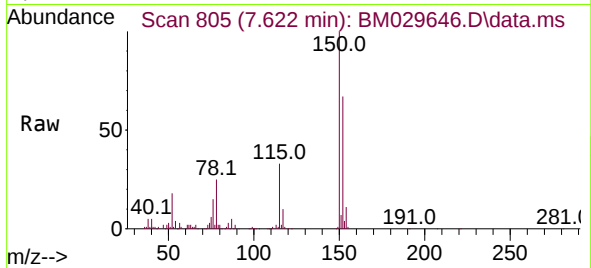




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

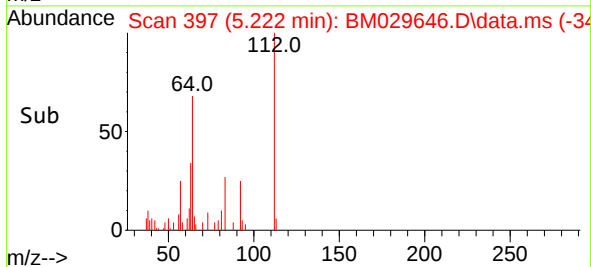
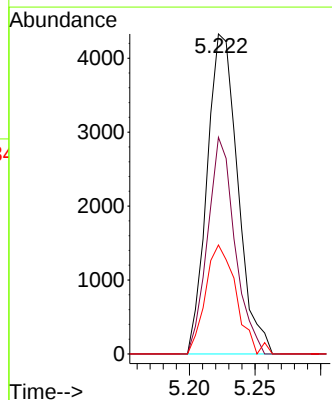
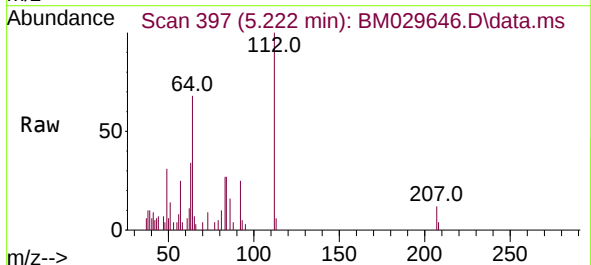
Instrument :
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ClientSampleId :
12016

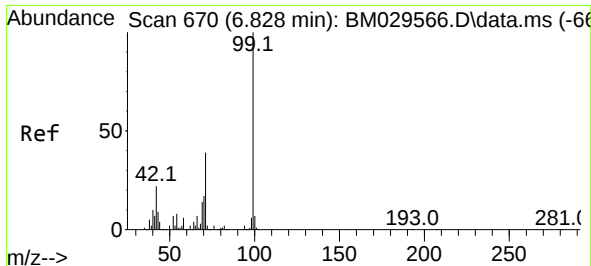
Tgt Ion:152 Resp: 95592
Ion Ratio Lower Upper
152 100
150 148.3 125.9 188.9
115 48.6 44.6 67.0



#5
2-Fluorophenol
Concen: 1.48 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:112 Resp: 7046
Ion Ratio Lower Upper
112 100
64 67.7 47.1 70.7
63 34.0 27.3 40.9

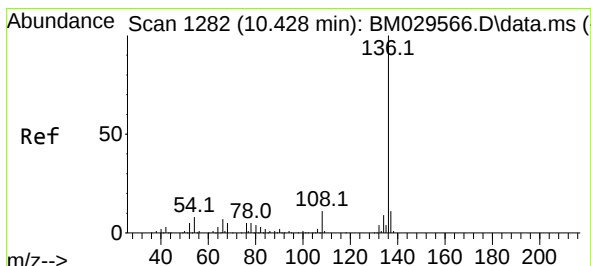
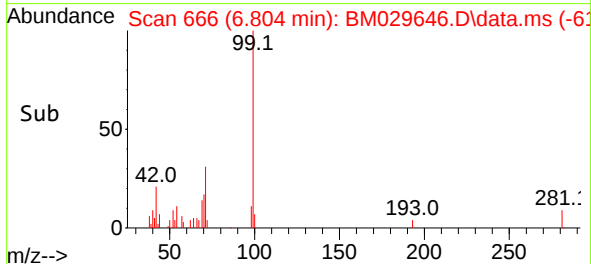
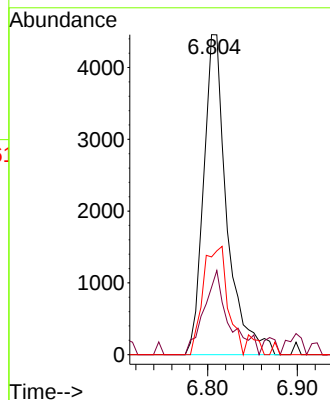
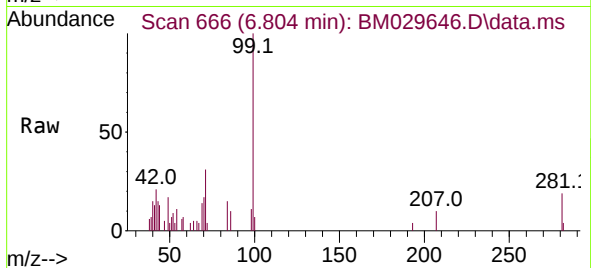




#7
Phenol-d6
Concen: 1.13 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

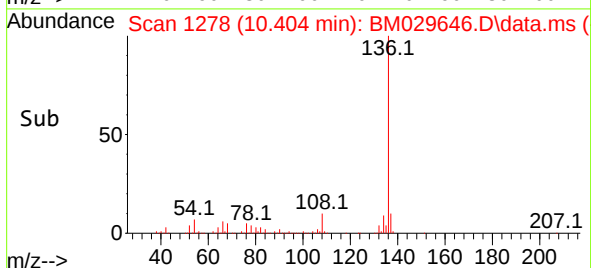
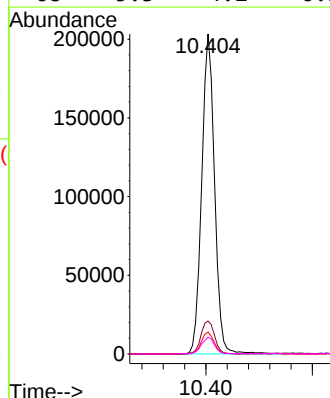
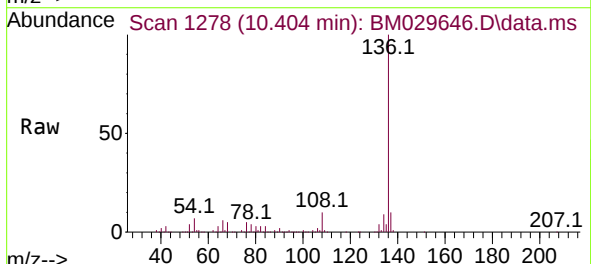
Instrument :
BNA_M
ClientSampleId :
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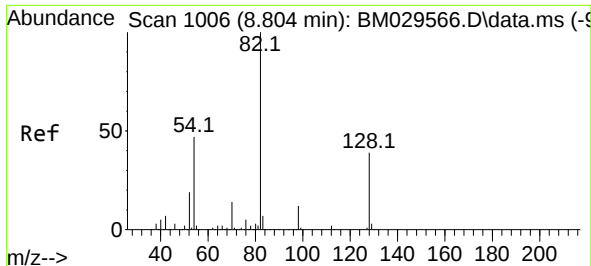
Tgt Ion:	99	Resp:	8054
Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.0	27.0
71	30.6	30.9	46.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:	136	Resp:	340068
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	6.8	5.5	8.3
68	5.3	4.2	6.2

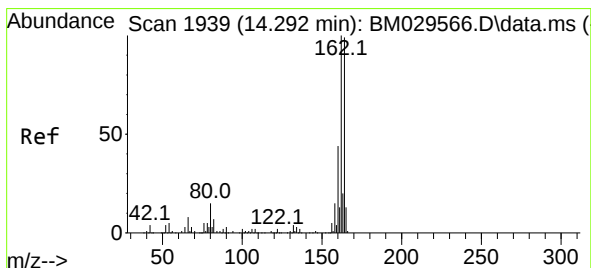
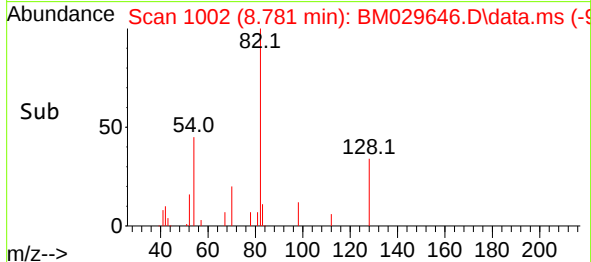
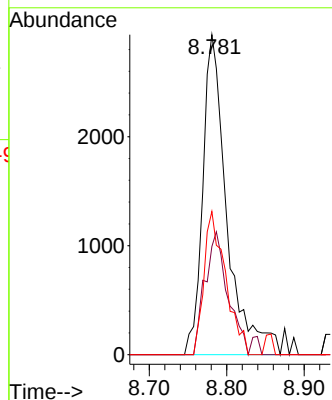
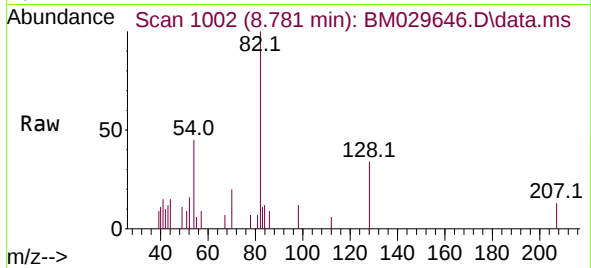




#23
Nitrobenzene-d5
Concen: 0.96 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

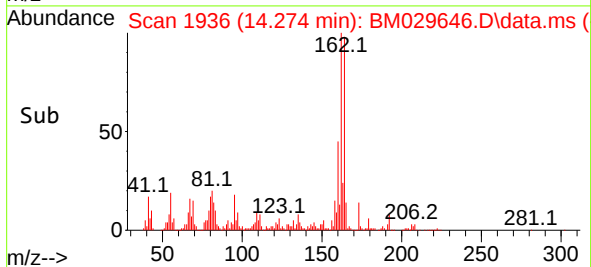
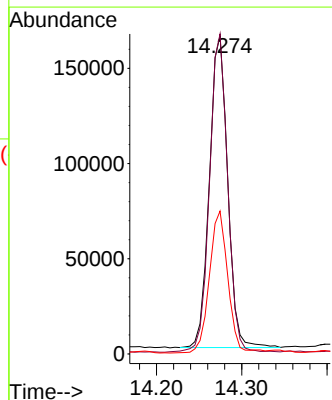
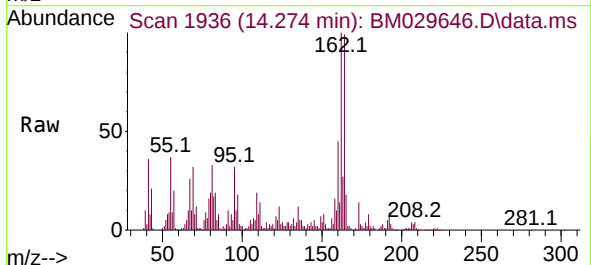
Instrument :
BNA_M
ClientSampleId :
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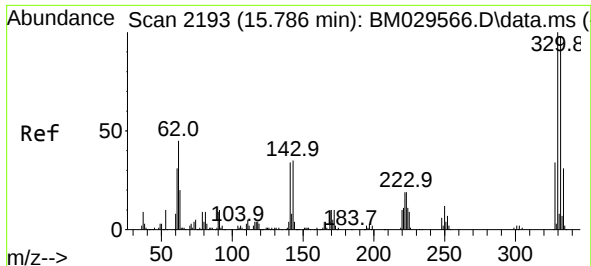
Tgt Ion: 82 Resp: 6346
Ion Ratio Lower Upper
82 100
128 33.8 31.1 46.7
54 44.8 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:164 Resp: 243375
Ion Ratio Lower Upper
164 100
162 100.6 83.4 125.0
160 44.9 37.2 55.8

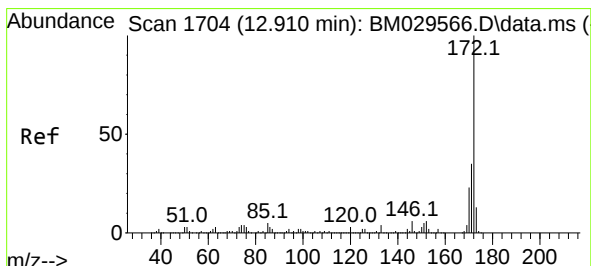
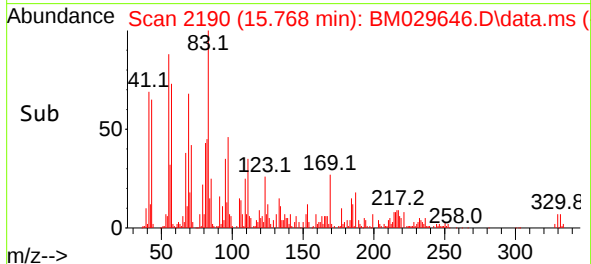
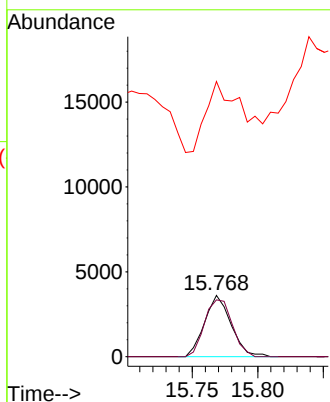
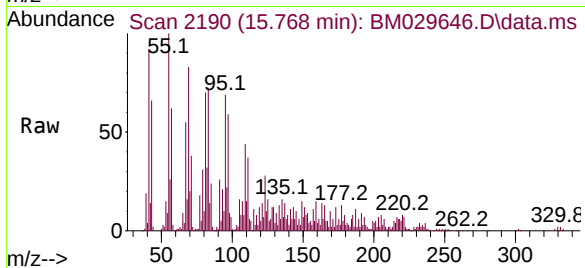




#42
2,4,6-Tribromophenol
Concen: 1.51 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

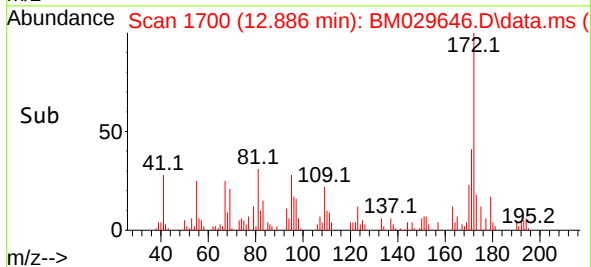
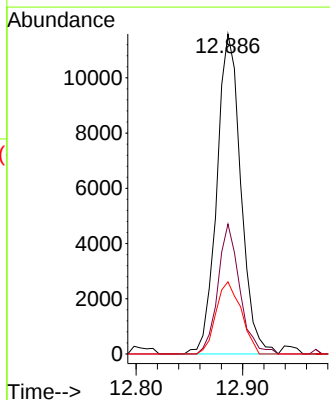
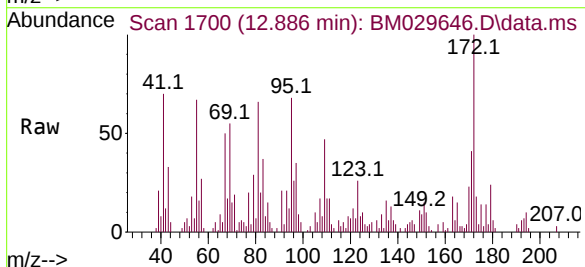
Instrument :
BNA_M
ClientSampled :
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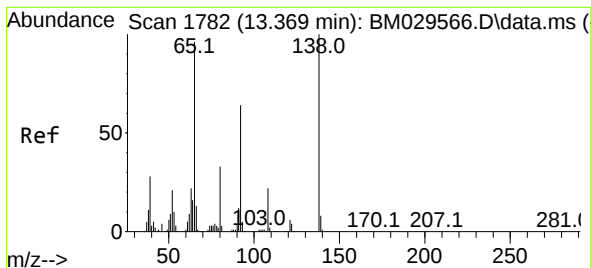
Tgt Ion:330 Resp: 5079
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 164.7 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:172 Resp: 18155
Ion Ratio Lower Upper
172 100
171 40.6 28.6 43.0
170 22.6 18.4 27.6

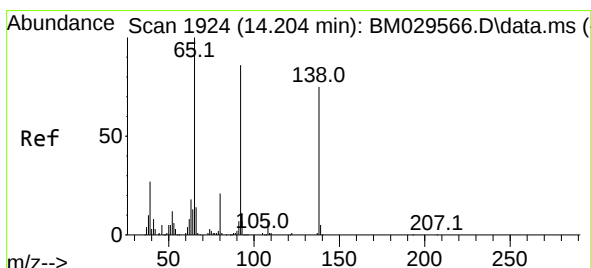
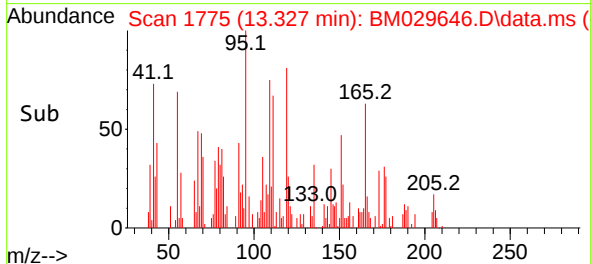
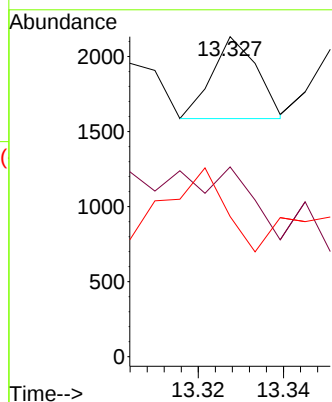
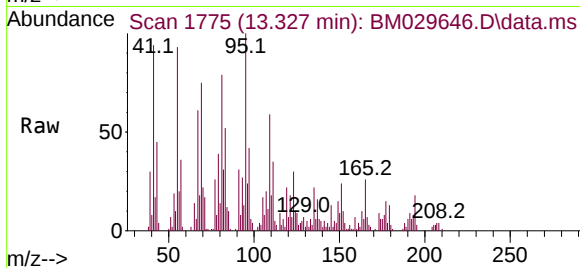




#48
2-Nitroaniline
Concen: 2.95 ng
RT: 13.327 min Scan# 1775
Delta R.T. -0.029 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

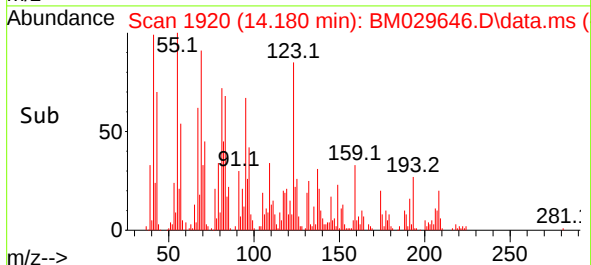
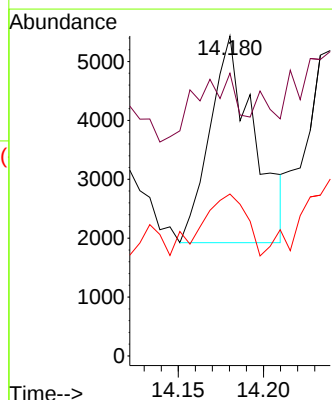
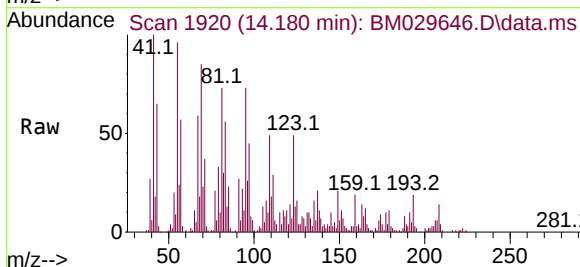
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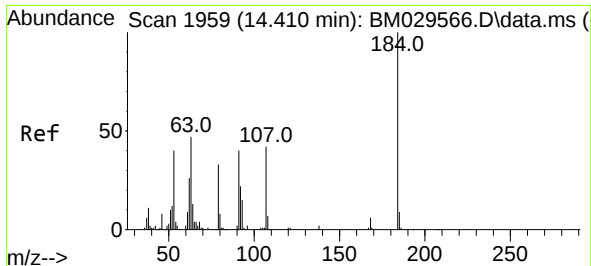
Tgt Ion: 65 Resp: 402
Ion Ratio Lower Upper
65 100
92 59.3 55.5 83.3
138 43.8 85.7 128.5#



#53
3-Nitroaniline
Concen: 4.56 ng
RT: 14.180 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion: 138 Resp: 6311
Ion Ratio Lower Upper
138 100
108 88.4 7.7 11.5#
92 50.6 92.6 138.8#

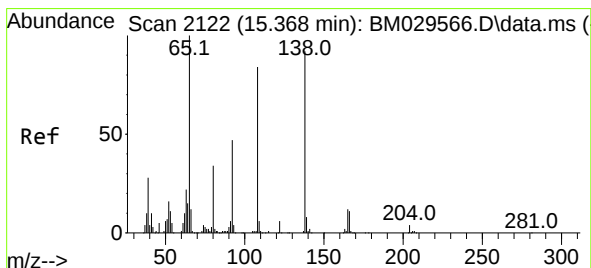
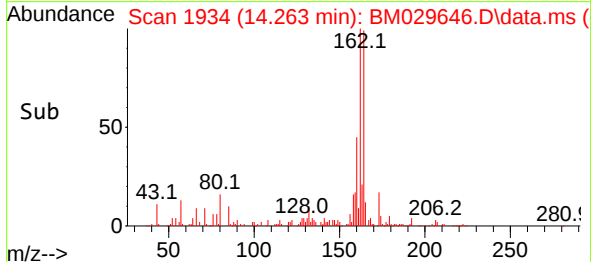
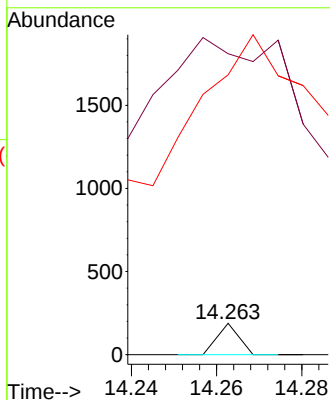
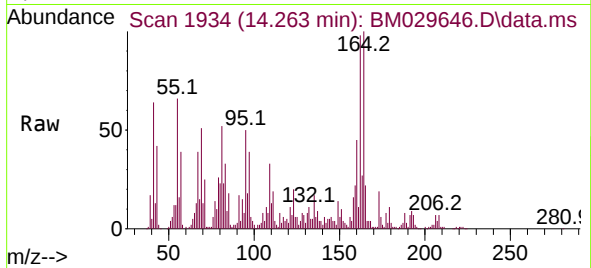




#54
2,4-Dinitrophenol
Concen: 4.39 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.135 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

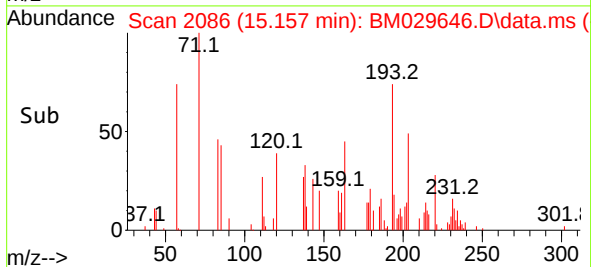
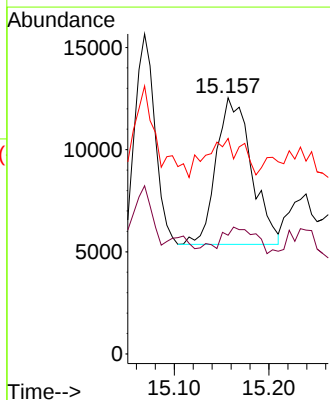
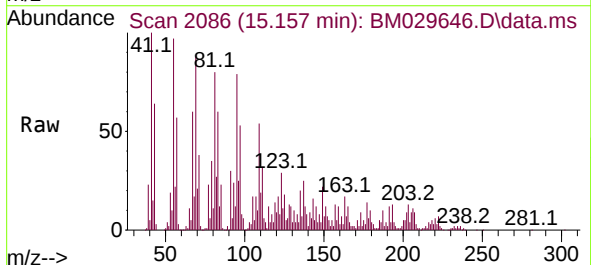
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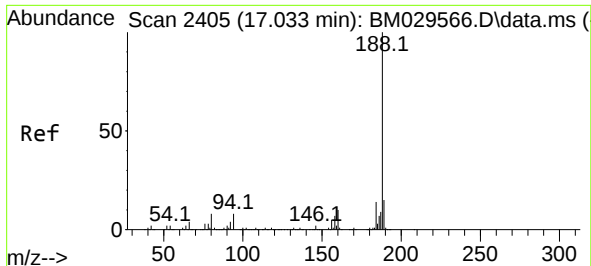
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 962.8 54.2 81.2#
154 895.2 56.1 84.1#



#62
4-Nitroaniline
Concen: 7.72 ng
RT: 15.157 min Scan# 2086
Delta R.T. -0.200 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:138 Resp: 18560
Ion Ratio Lower Upper
138 100
92 46.3 33.4 73.4
108 84.1 75.5 115.5

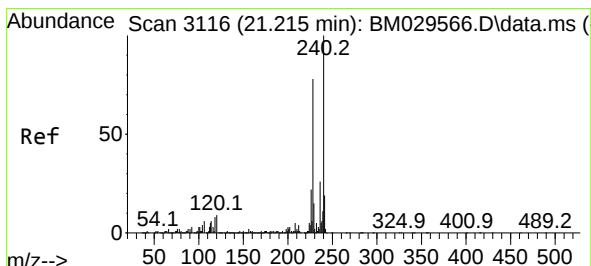
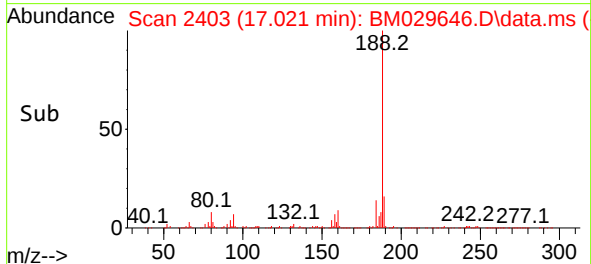
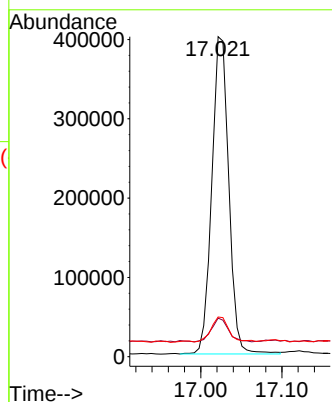
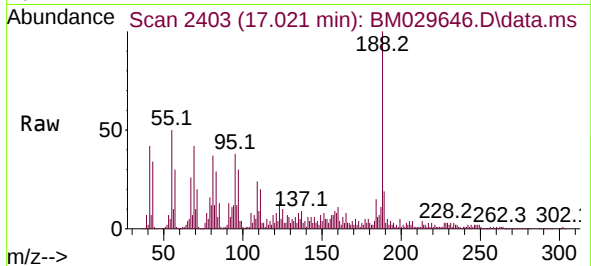




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

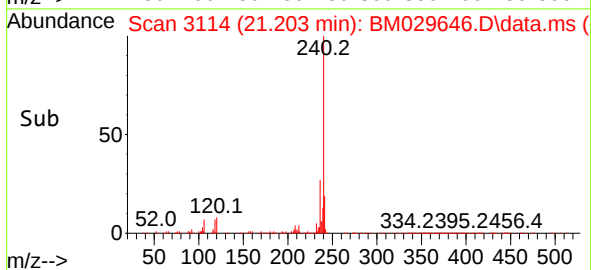
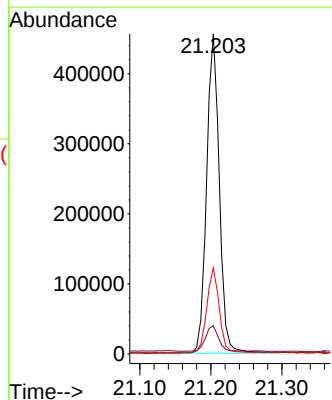
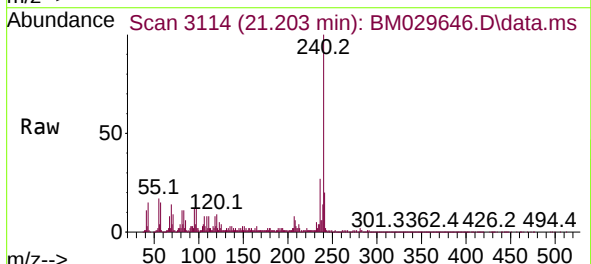
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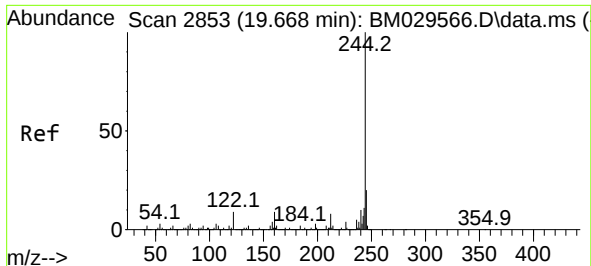
Tgt Ion:188 Resp: 581309
Ion Ratio Lower Upper
188 100
94 12.0 6.0 9.0#
80 12.4 6.6 9.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:240 Resp: 567327
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.9 21.0 31.4

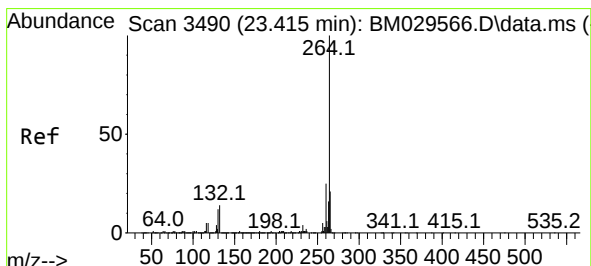
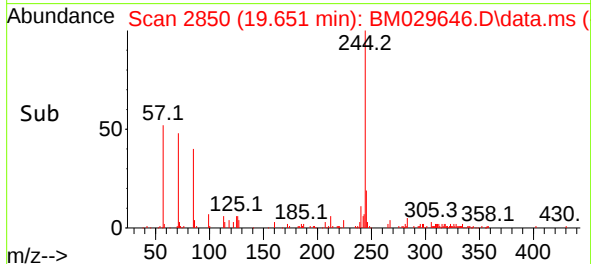
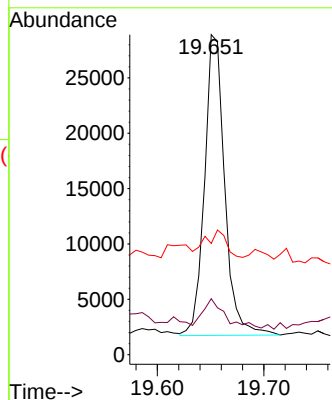
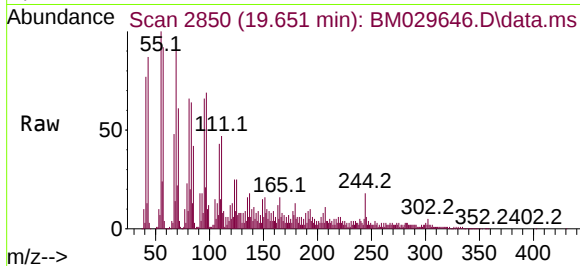




#79
Terphenyl-d14
Concen: 1.20 ng
RT: 19.651 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Instrument :
BNA_M
ClientSampled :
12016

Tgt Ion:244 Resp: 35860
Ion Ratio Lower Upper
244 100
212 17.5 6.3 9.5#
122 34.8 6.9 10.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.392 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BM029646.D
Acq: 24 Apr 2021 20:20

Tgt Ion:264 Resp: 553524
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.3 17.7 26.5

