

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
 Data File : BM029603.D
 Acq On : 22 Apr 2021 20:44
 Operator : CG/JU
 Sample : M2106-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-25-9.5-10.0

Quant Time: Apr 23 02:25:54 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)

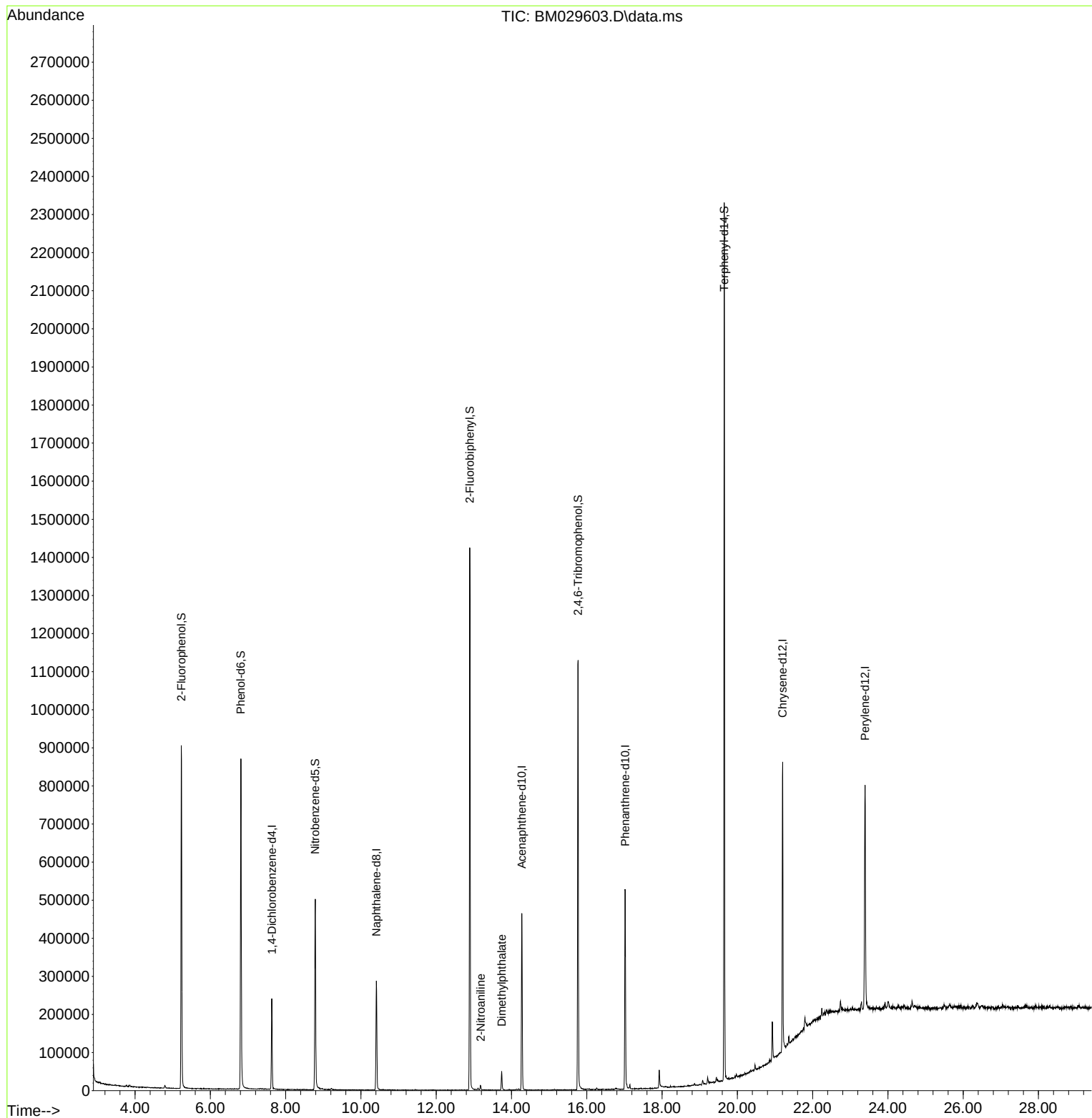
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	64760	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	232860	20.00	ng	0.00
39) Acenaphthene-d10	14.275	164	155096	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	331523	20.00	ng	0.00
76) Chrysene-d12	21.203	240	365644	20.00	ng	0.00
86) Perylene-d12	23.392	264	398577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	355485	110.05	ng	0.00
7) Phenol-d6	6.810	99	447649	92.78	ng	0.00
23) Nitrobenzene-d5	8.787	82	293533	64.92	ng	0.00
42) 2,4,6-Tribromophenol	15.769	330	194171	90.53	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	722950	63.27	ng	0.00
79) Terphenyl-d14	19.651	244	945369	49.02	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.186	65	55	2.88	ng	Qvalue # 4
50) Dimethylphthalate	13.739	163	33749	2.88	ng	99

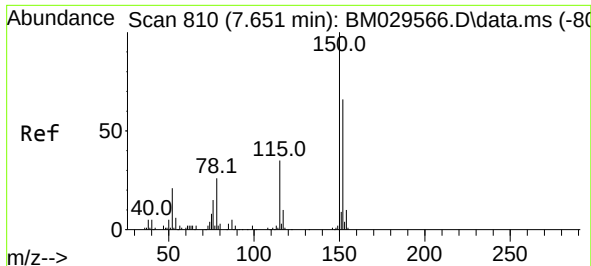
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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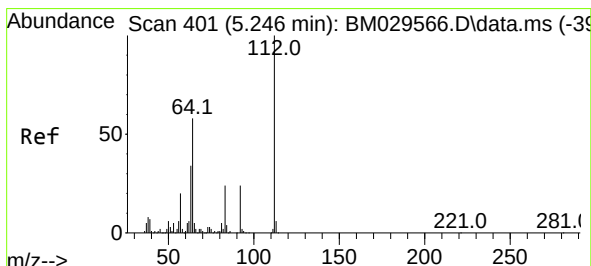
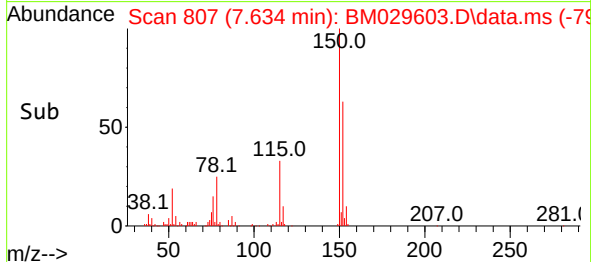
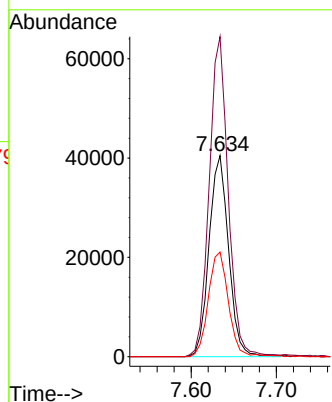
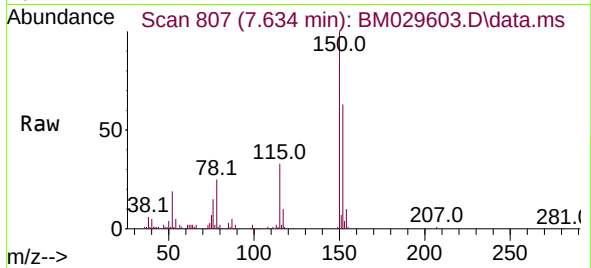




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

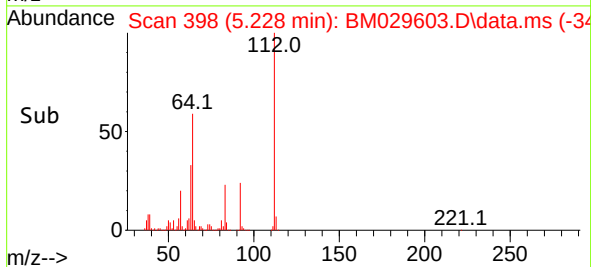
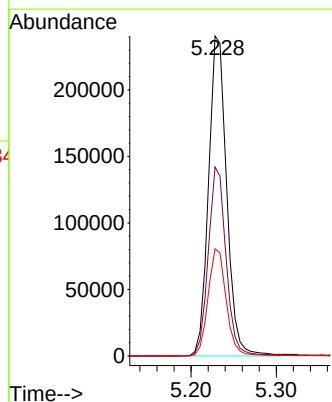
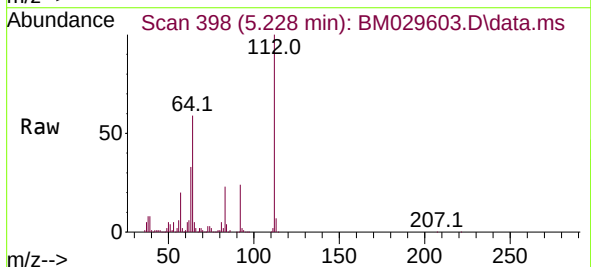
Instrument :
BNA_M
ClientSampleId :
SB-25-9.5-10.0

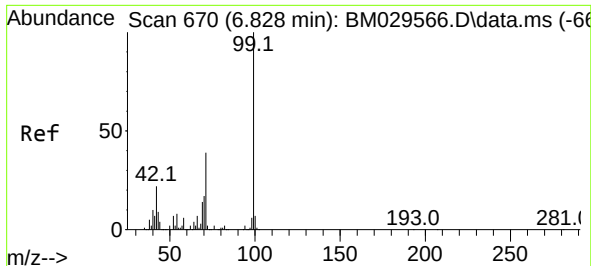
Tgt Ion:152 Resp: 64760
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 52.0 44.6 67.0



#5
2-Fluorophenol
Concen: 110.05 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

Tgt Ion:112 Resp: 355485
Ion Ratio Lower Upper
112 100
64 59.0 47.1 70.7
63 33.5 27.3 40.9

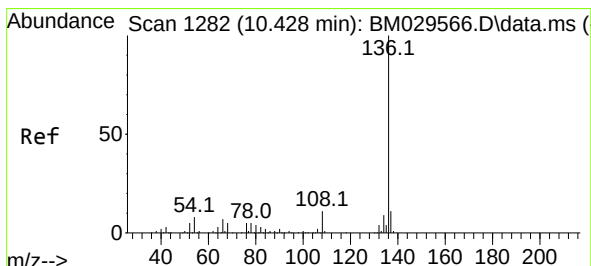
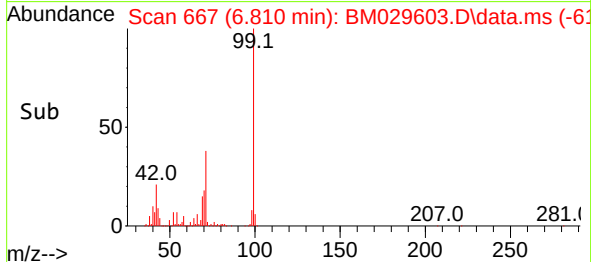
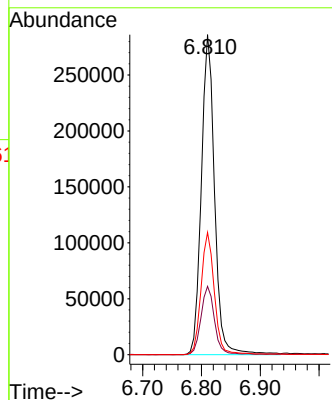
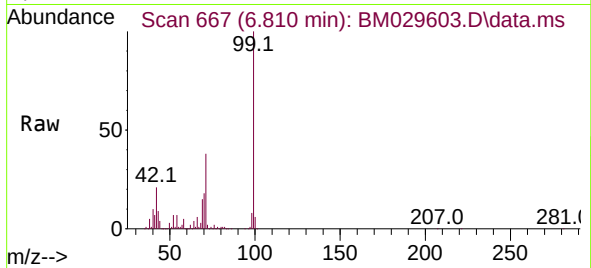




#7
Phenol-d6
Concen: 92.78 ng
RT: 6.810 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

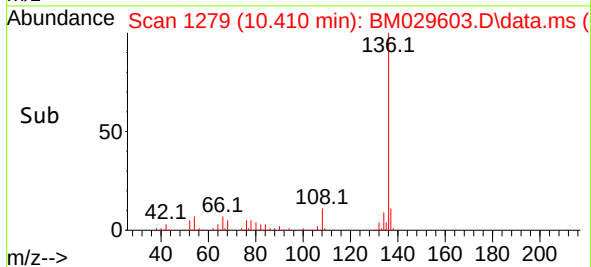
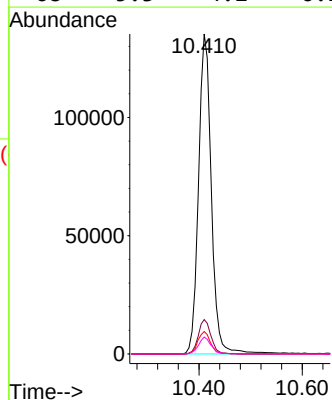
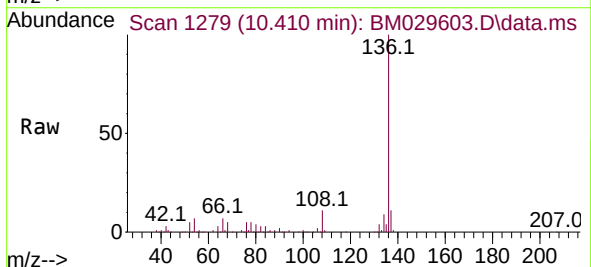
Instrument :
BNA_M
ClientSampleId :
SB-25-9.5-10.0

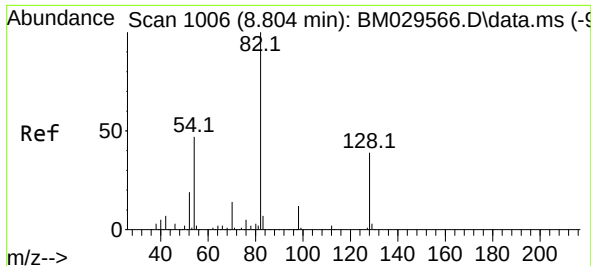
Tgt Ion: 99 Resp: 447649
Ion Ratio Lower Upper
99 100
42 21.4 18.0 27.0
71 38.2 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 136 Resp: 232860
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.0 5.5 8.3
68 5.3 4.2 6.2

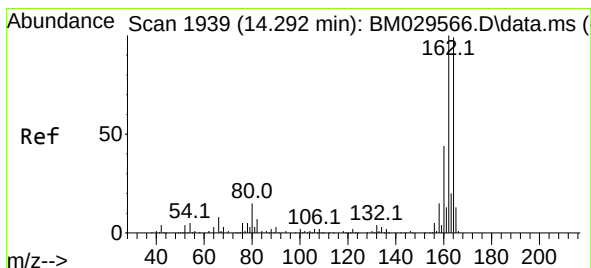
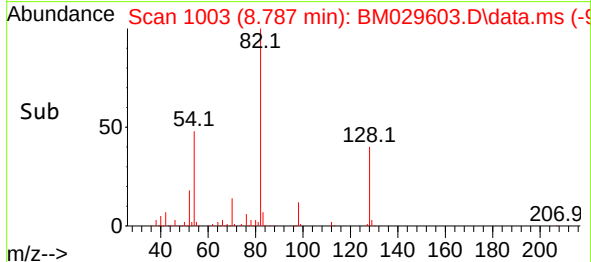
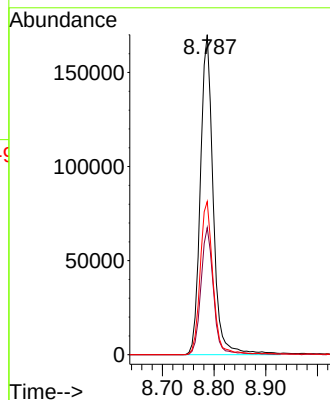
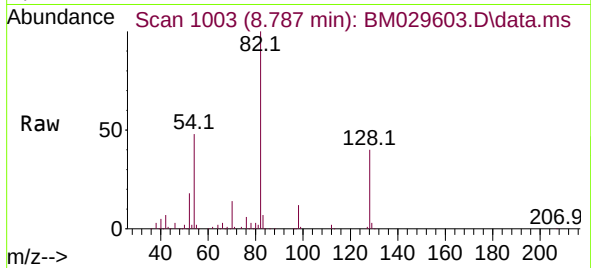




#23
Nitrobenzene-d5
Concen: 64.92 ng
RT: 8.787 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

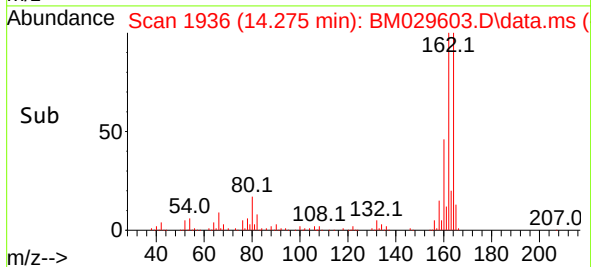
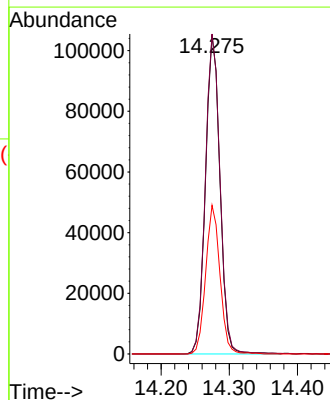
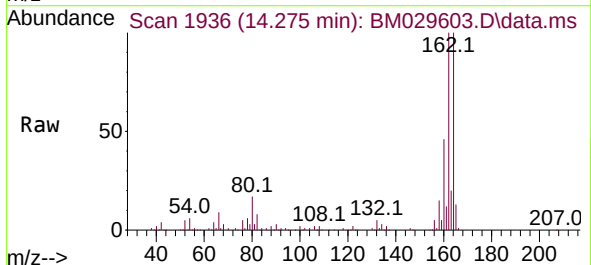
Instrument :
BNA_M
ClientSampleId :
SB-25-9.5-10.0

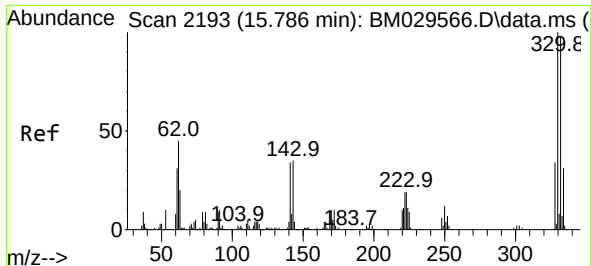
Tgt Ion: 82 Resp: 293533
Ion Ratio Lower Upper
82 100
128 39.7 31.1 46.7
54 47.9 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.275 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

Tgt Ion:164 Resp: 155096
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.0
160 46.6 37.2 55.8

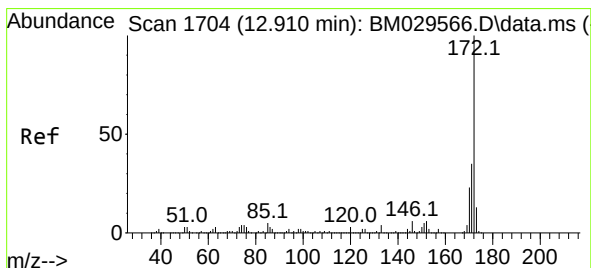
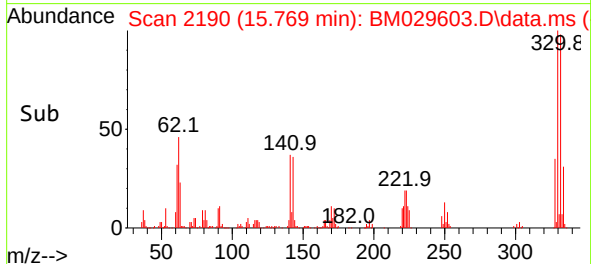
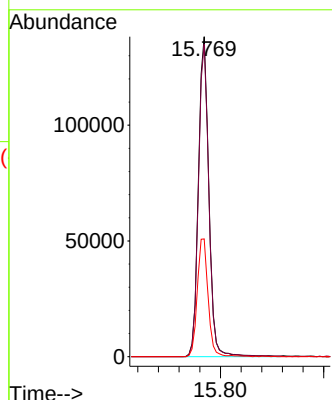
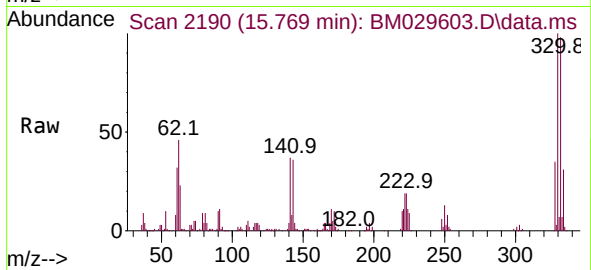




#42
2,4,6-Tribromophenol
Concen: 90.53 ng
RT: 15.769 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

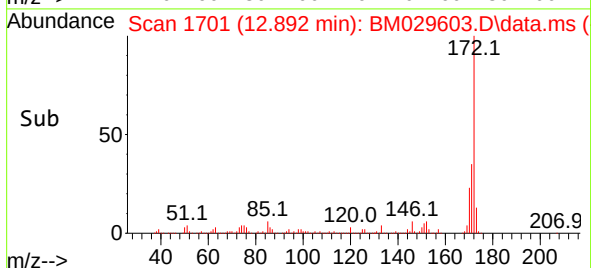
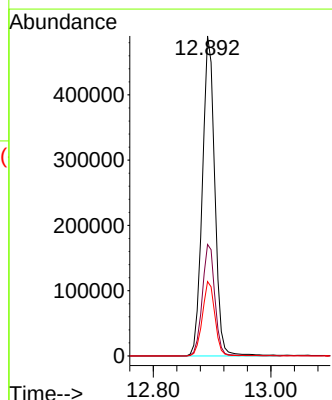
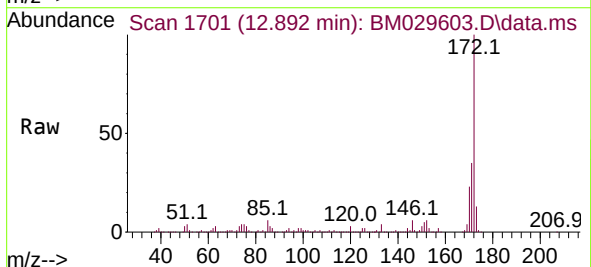
Instrument :
BNA_M
ClientSampleId :
SB-25-9.5-10.0

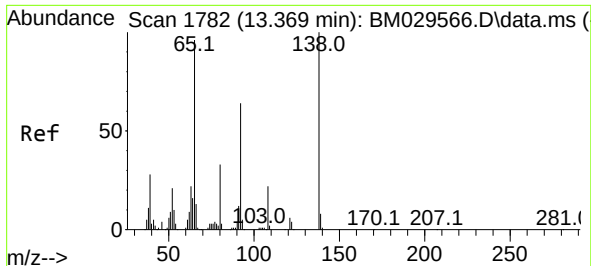
Tgt Ion:330 Resp: 194171
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 38.1 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 63.27 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

Tgt Ion:172 Resp: 722950
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 18.4 27.6

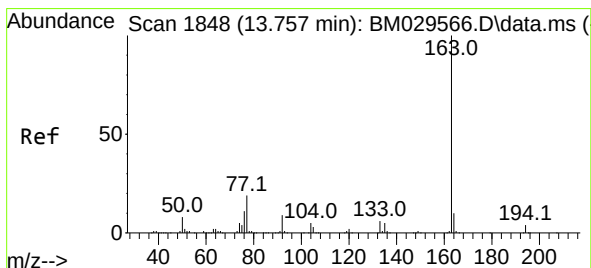
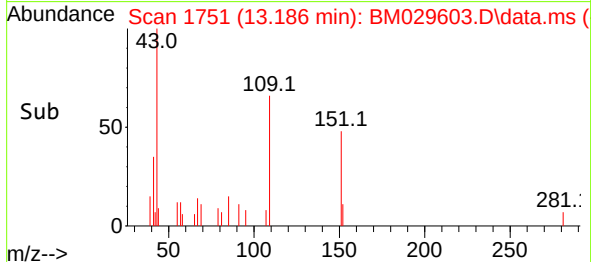
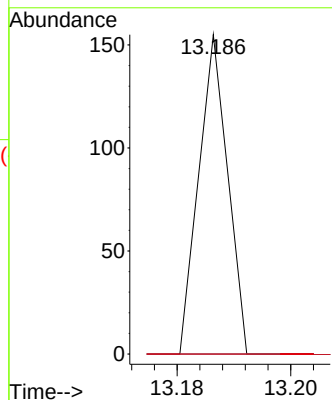
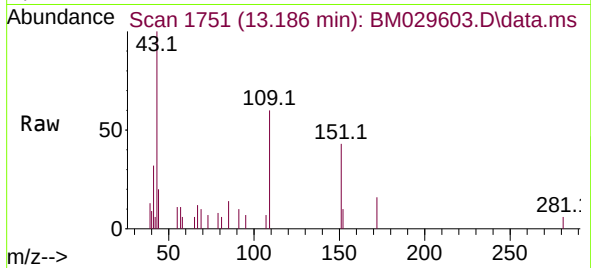




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.186 min Scan# 1751
Delta R.T. -0.171 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

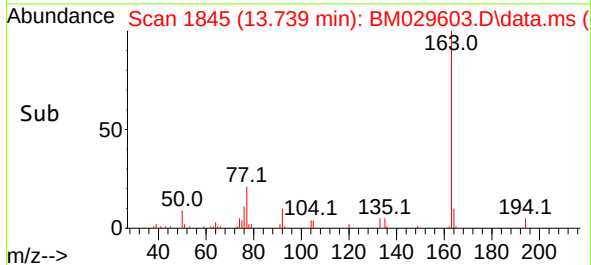
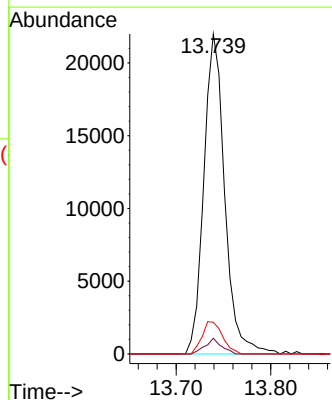
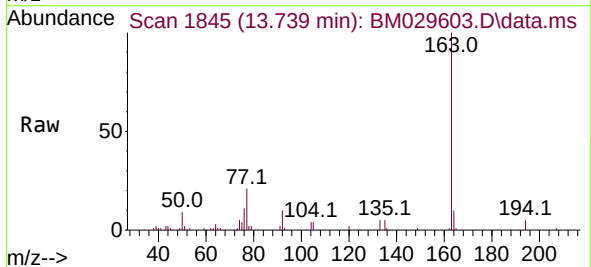
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SB-25-9.5-10.0

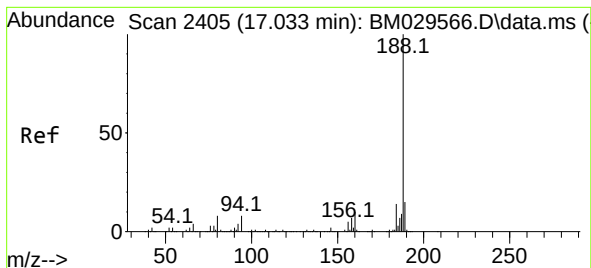
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 2.88 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

Tgt Ion: 163 Resp: 33749
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 9.9 7.9 11.9

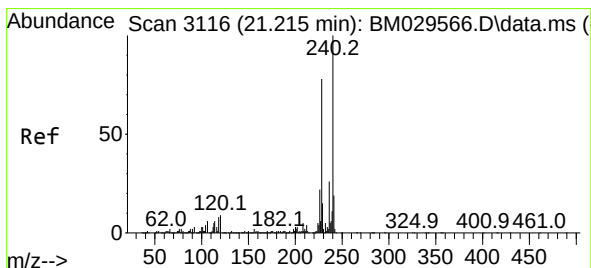
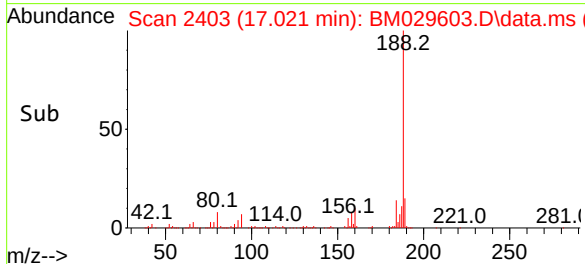
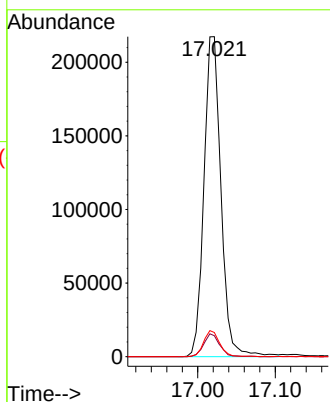
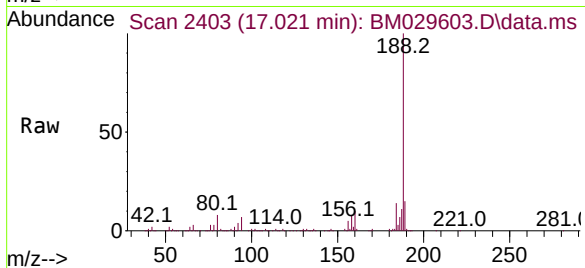




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

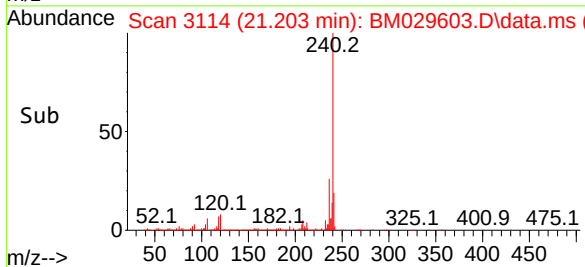
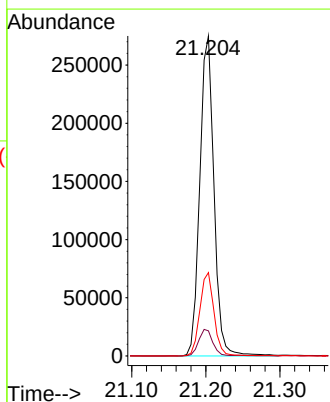
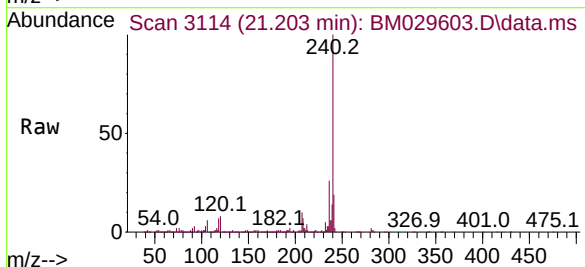
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SB-25-9.5-10.0

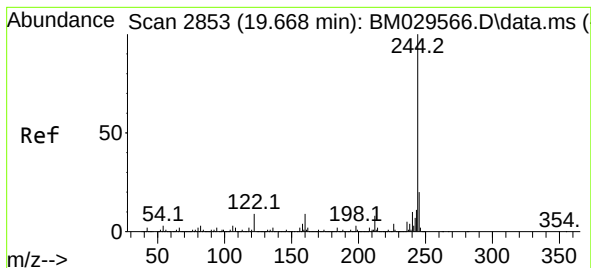
Tgt Ion:188 Resp: 331523
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM029603.D
Acq: 22 Apr 2021 20:44

Tgt Ion:240 Resp: 365644
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 49.02 ng

RT: 19.651 min Scan# 2850

Delta R.T. -0.006 min

Lab File: BM029603.D

Acq: 22 Apr 2021 20:44

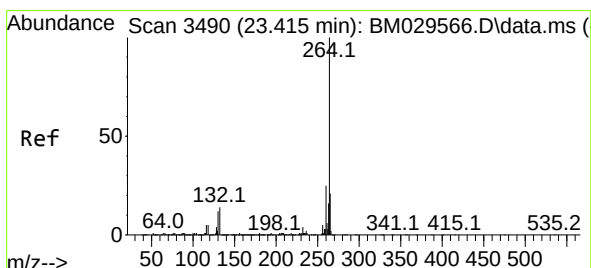
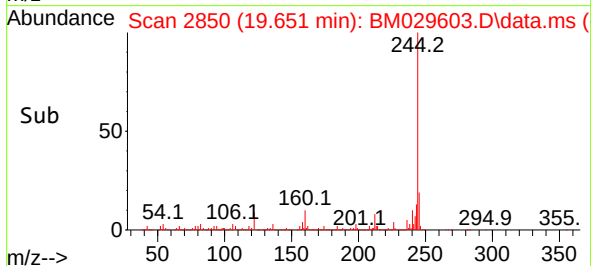
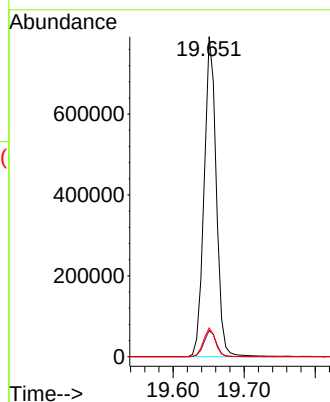
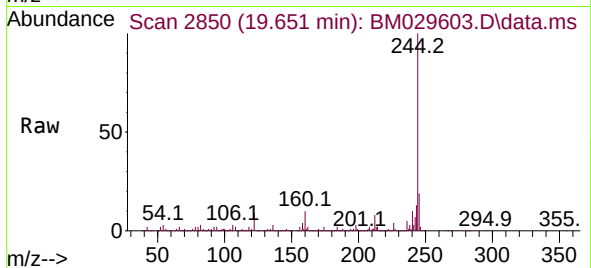
Tgt Ion:244 Resp: 945369

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.0 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: BM029603.D

Acq: 22 Apr 2021 20:44

Tgt Ion:264 Resp: 398577

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.8

265 21.4 17.7 26.5

