

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029639.D
 Acq On : 24 Apr 2021 16:06
 Operator : CG/JU
 Sample : M2149-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-40-0-2.0

Quant Time: Apr 26 03:06:48 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)

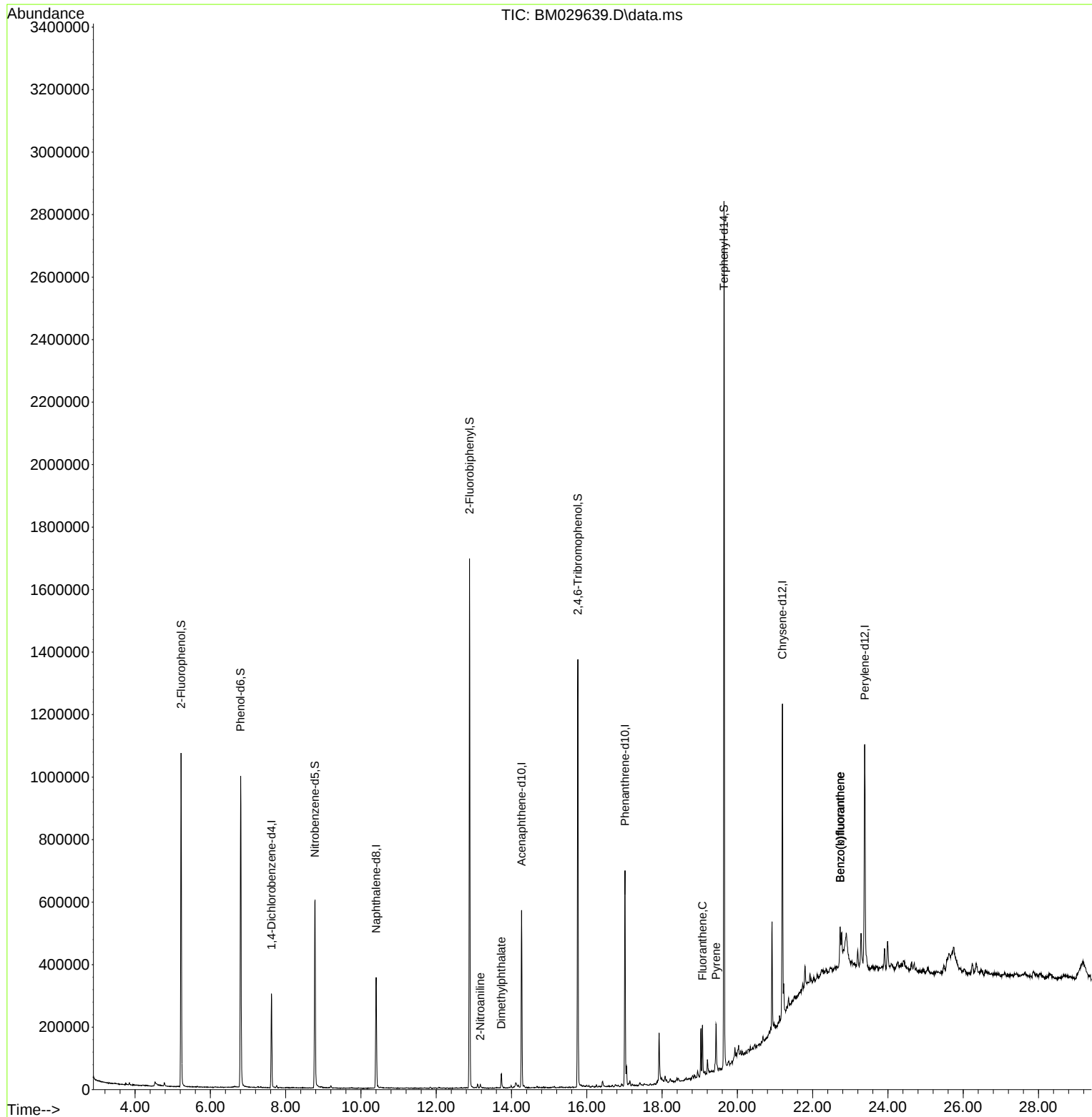
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	82560	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	287087	20.00	ng	-0.01
39) Acenaphthene-d10	14.268	164	183011	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	399458	20.00	ng	0.00
76) Chrysene-d12	21.197	240	453456	20.00	ng	0.00
86) Perylene-d12	23.385	264	476844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	414209	100.58	ng	0.00
7) Phenol-d6	6.804	99	517589	84.15	ng	0.00
23) Nitrobenzene-d5	8.775	82	357506	64.14	ng	-0.01
42) 2,4,6-Tribromophenol	15.762	330	234465	92.64	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	873909	64.81	ng	-0.01
79) Terphenyl-d14	19.644	244	1238273	51.77	ng	-0.01
Target Compounds						
48) 2-Nitroaniline	13.168	65	268	2.94	ng	Qvalue # 4
50) Dimethylphthalate	13.733	163	30201	2.18	ng	99
75) Fluoranthene	19.074	202	92628	3.32	ng	99
78) Pyrene	19.433	202	91054	3.12	ng	99
88) Benzo(b)fluoranthene	22.733	252	103728	3.34	ng	# 91
89) Benzo(k)fluoranthene	22.733	252	103728	3.33	ng	# 90

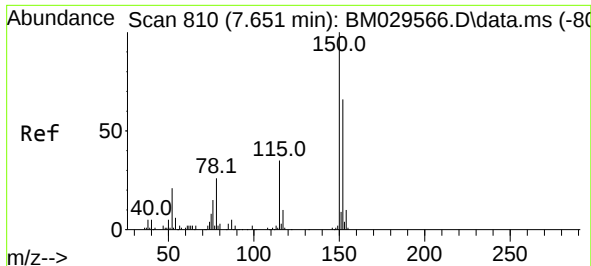
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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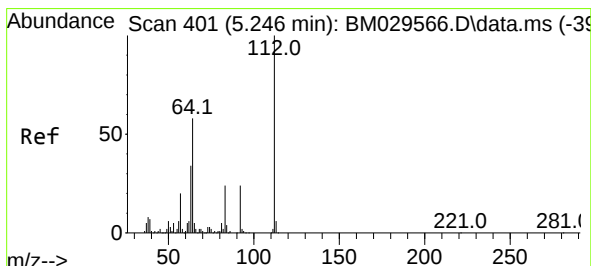
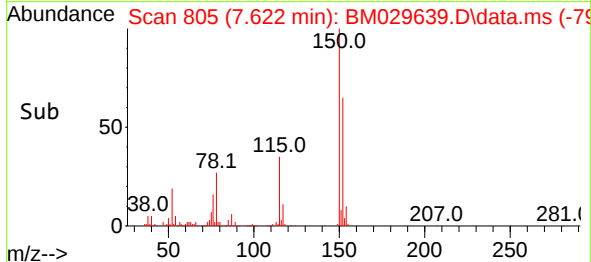
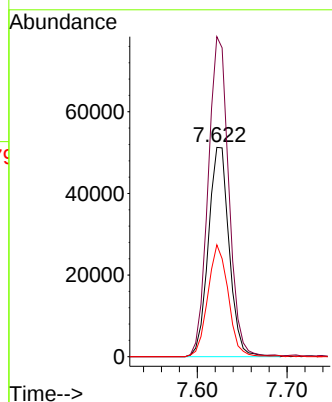
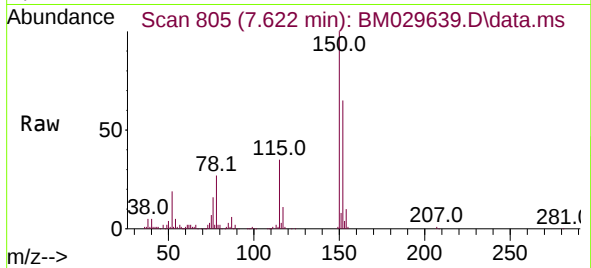




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

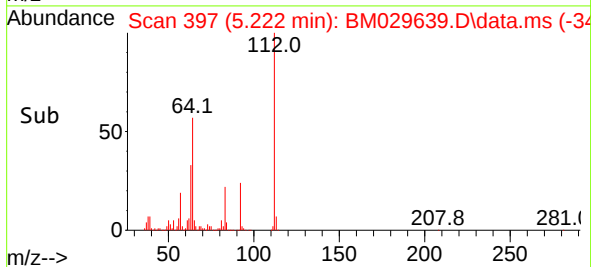
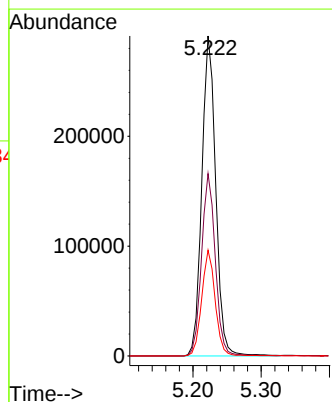
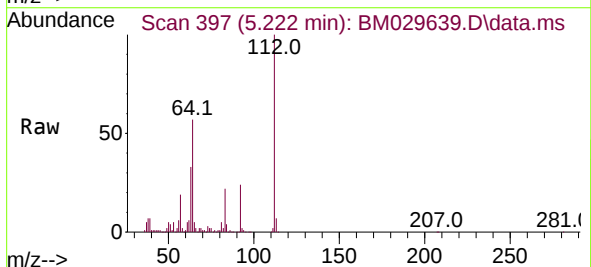
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BNA_M
ClientSampleId :
SB-40-0-2.0

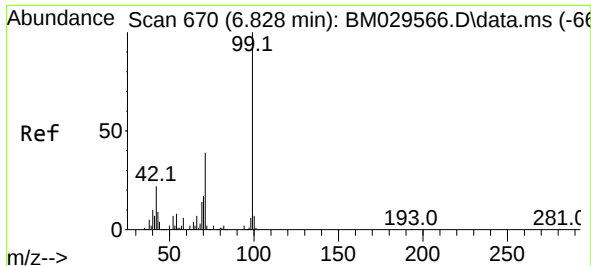
Tgt Ion:152 Resp: 82560
Ion Ratio Lower Upper
152 100
150 152.9 125.9 188.9
115 53.4 44.6 67.0



#5
2-Fluorophenol
Concen: 100.58 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion:112 Resp: 414209
Ion Ratio Lower Upper
112 100
64 57.0 47.1 70.7
63 33.0 27.3 40.9

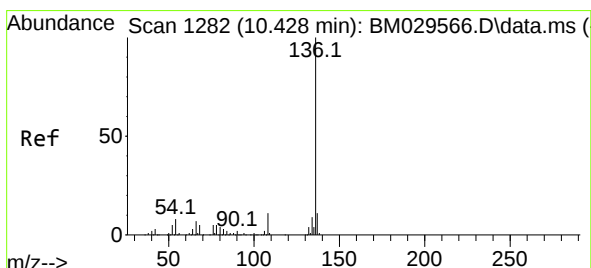
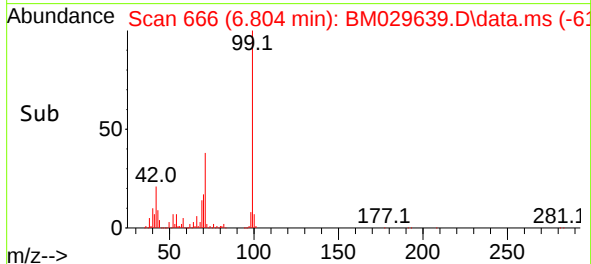
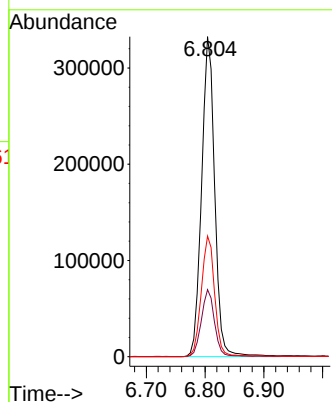
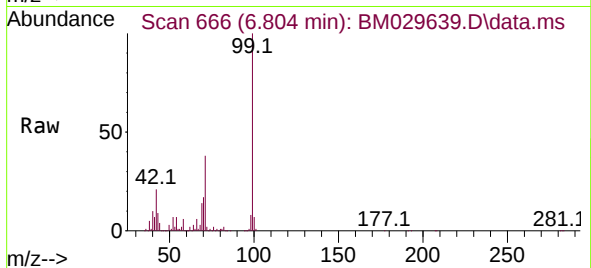




#7
Phenol-d6
Concen: 84.15 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

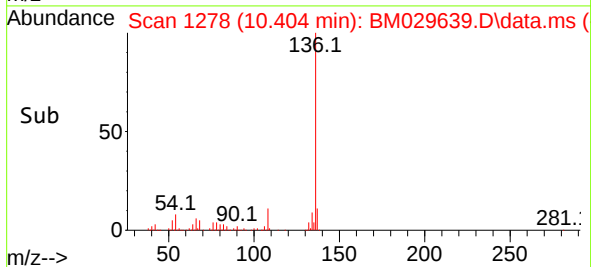
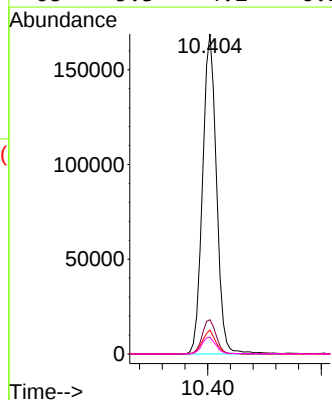
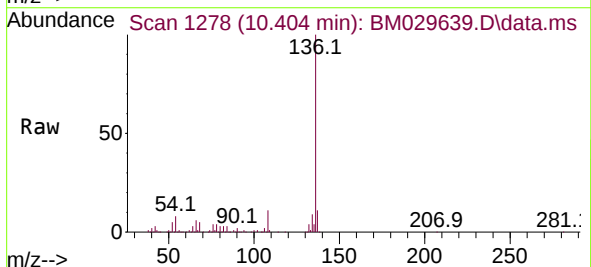
Instrument :
BNA_M
ClientSampleId :
SB-40-0-2.0

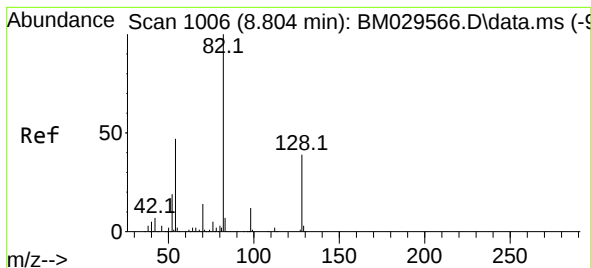
Tgt Ion: 99 Resp: 517589
Ion Ratio Lower Upper
99 100
42 20.9 18.0 27.0
71 37.7 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion: 136 Resp: 287087
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.5 8.3
68 5.3 4.2 6.2

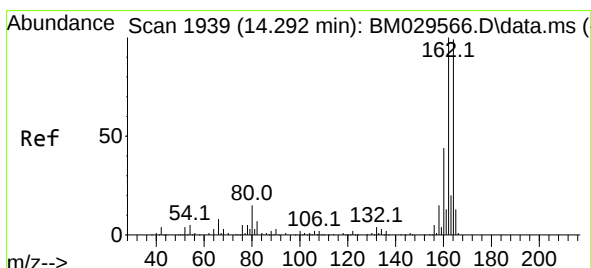
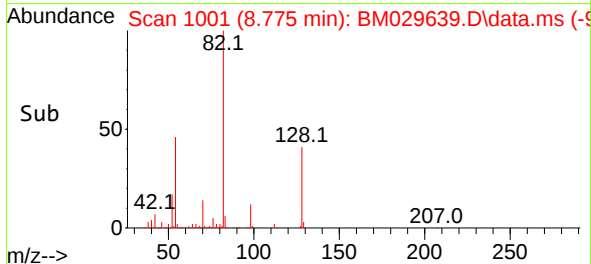
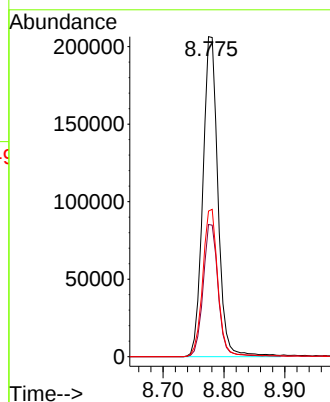
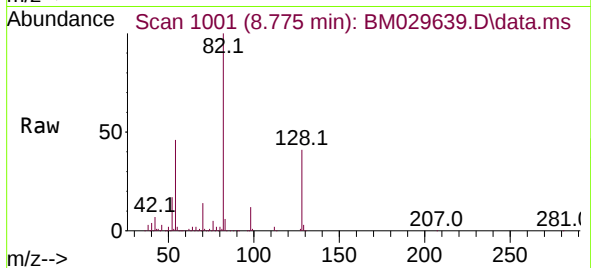




#23
Nitrobenzene-d5
Concen: 64.14 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

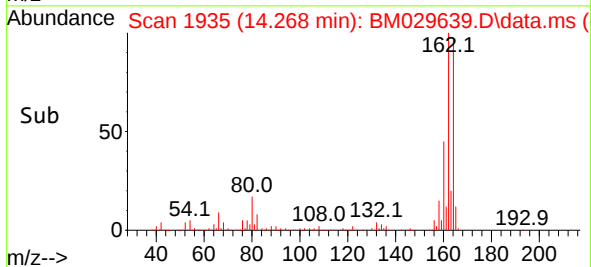
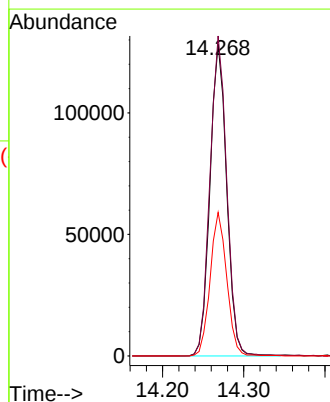
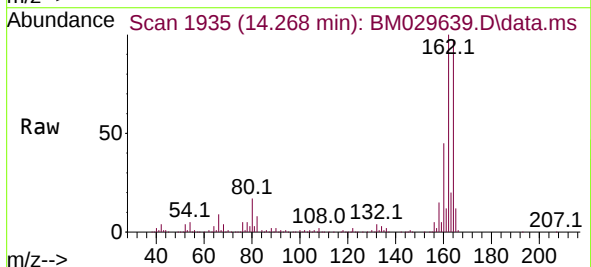
Instrument :
BNA_M
ClientSampled :
SB-40-0-2.0

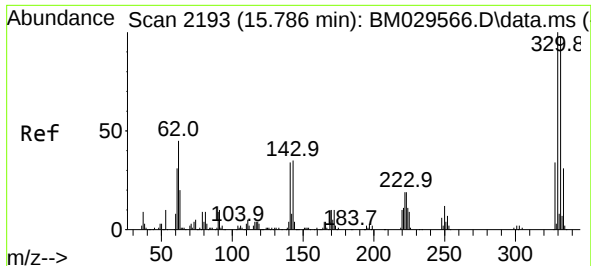
Tgt Ion: 82 Resp: 357506
Ion Ratio Lower Upper
82 100
128 41.3 31.1 46.7
54 45.5 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion: 164 Resp: 183011
Ion Ratio Lower Upper
164 100
162 102.7 83.4 125.0
160 46.1 37.2 55.8

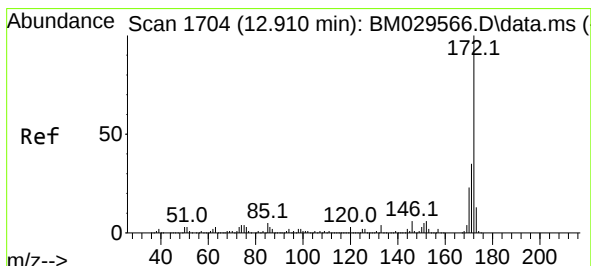
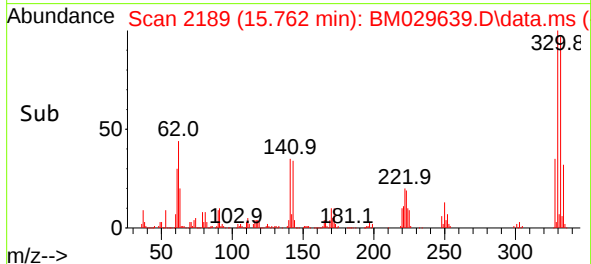
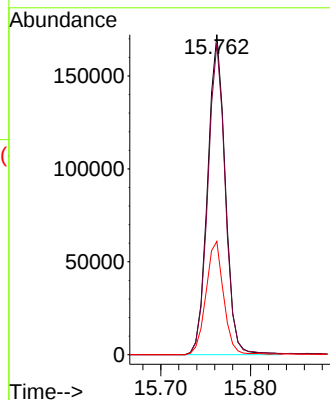
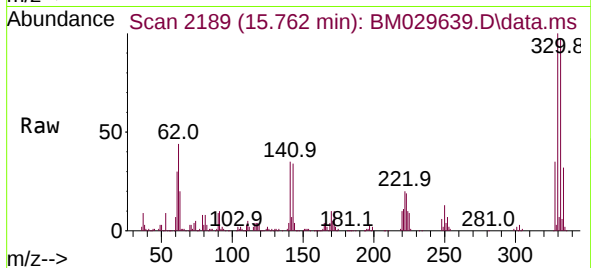




#42
2,4,6-Tribromophenol
Concen: 92.64 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

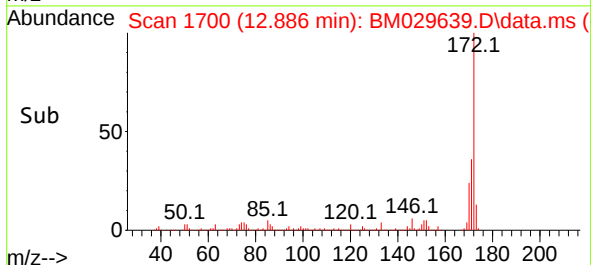
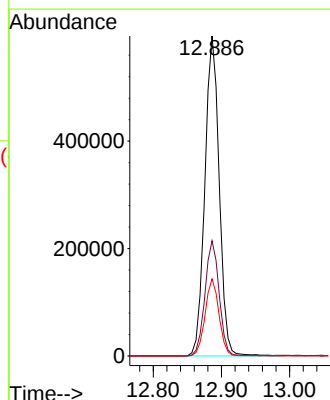
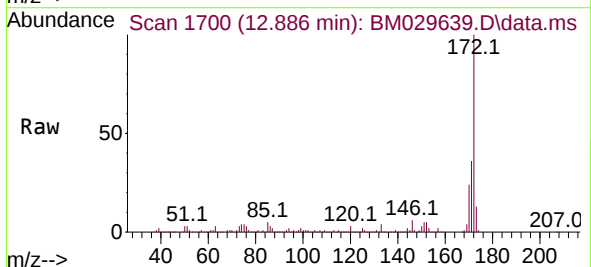
Instrument :
BNA_M
ClientSampleId :
SB-40-0-2.0

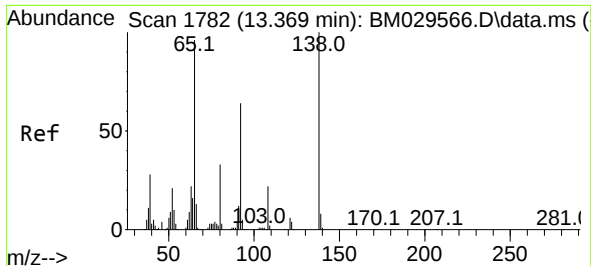
Tgt Ion:330 Resp: 234465
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 35.7 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 64.81 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion:172 Resp: 873909
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 18.4 27.6

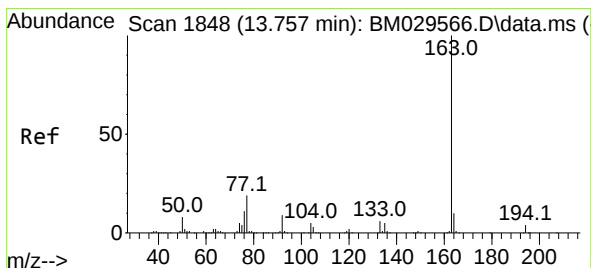
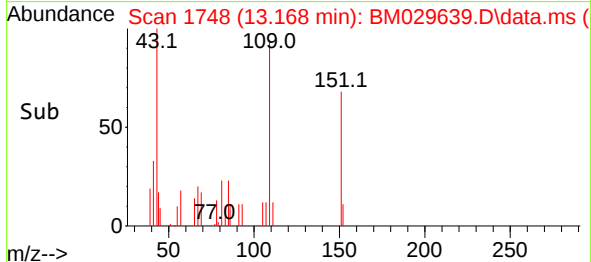
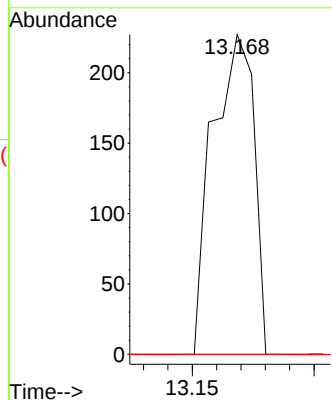
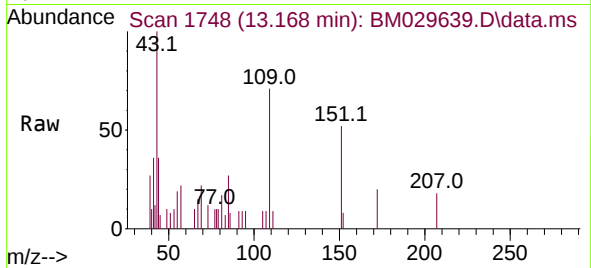




#48
2-Nitroaniline
Concen: 2.94 ng
RT: 13.168 min Scan# 1748
Delta R.T. -0.188 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

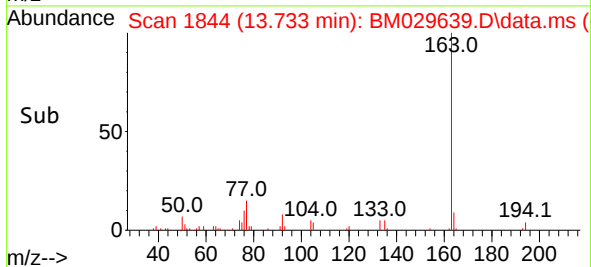
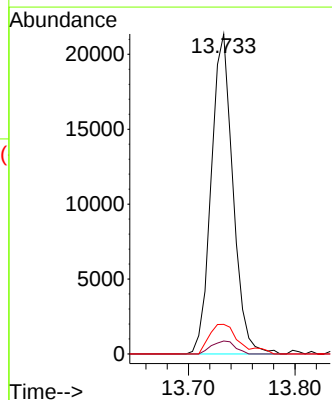
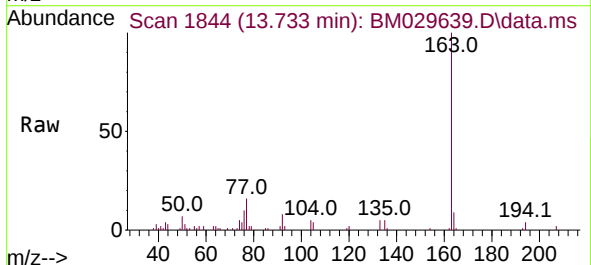
Instrument :
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ClientSampleId :
SB-40-0-2.0

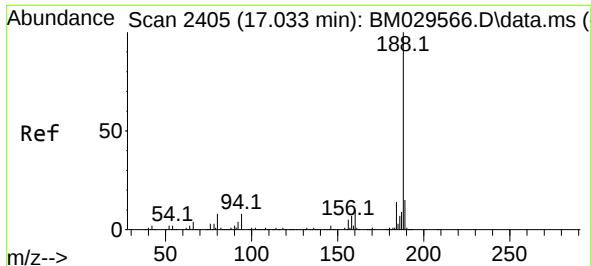
Tgt Ion: 65 Resp: 268
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 2.18 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion: 163 Resp: 30201
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.3 7.9 11.9

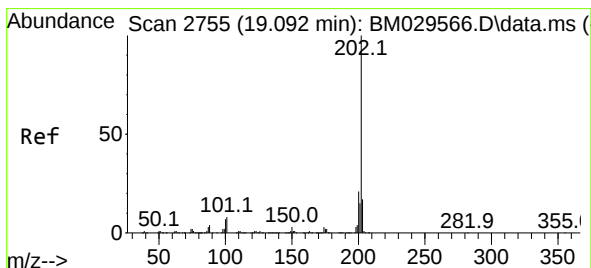
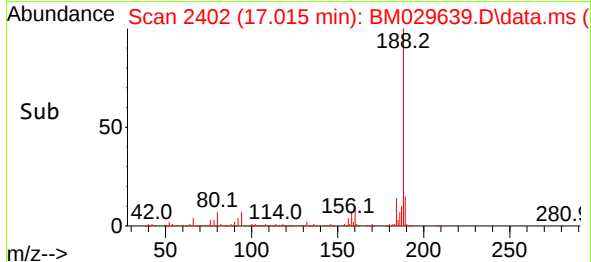
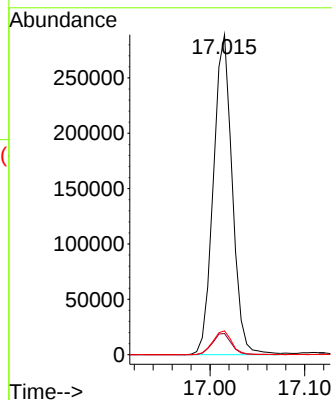
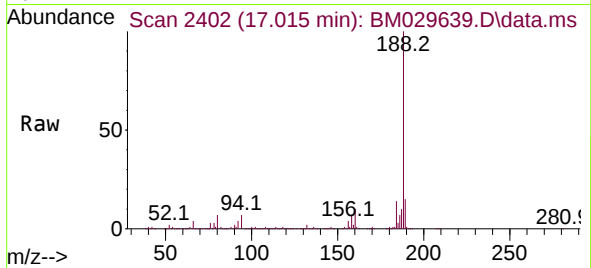




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

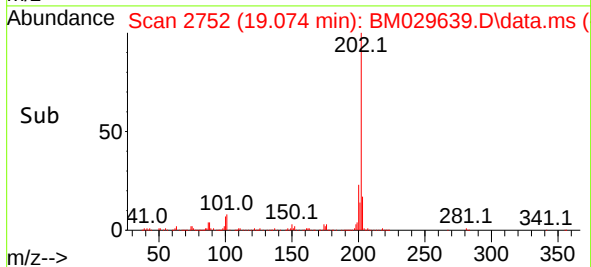
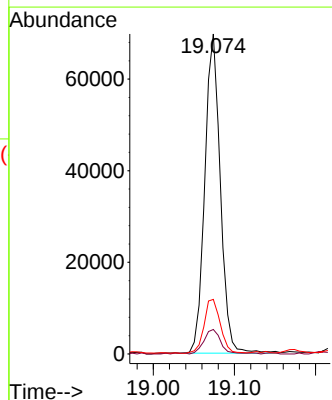
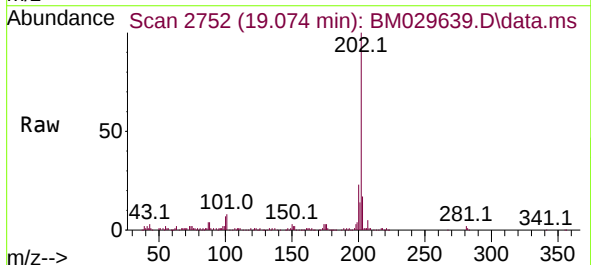
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ClientSampleId :
SB-40-0-2.0

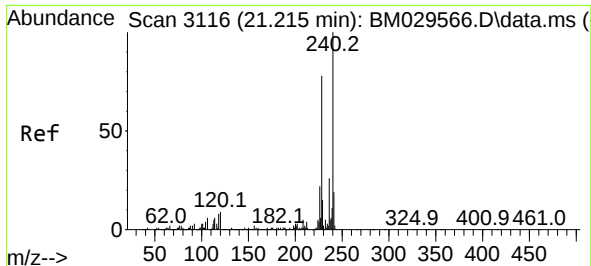
Tgt Ion:188 Resp: 399458
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.5 6.6 9.8



#75
Fluoranthene
Concen: 3.32 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion:202 Resp: 92628
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.6
203 17.1 0.0 37.3

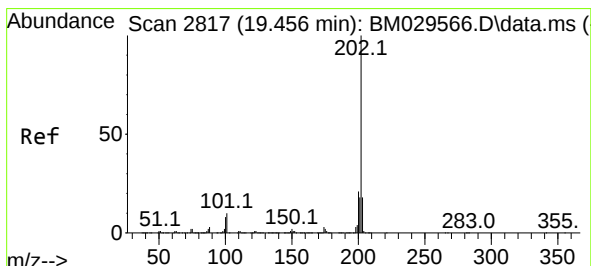
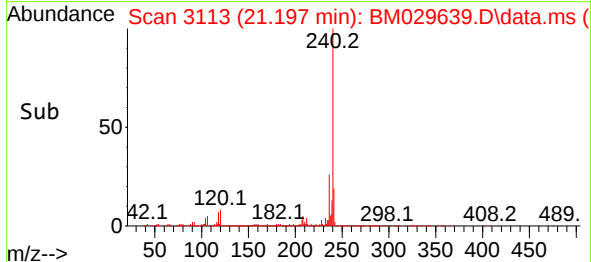
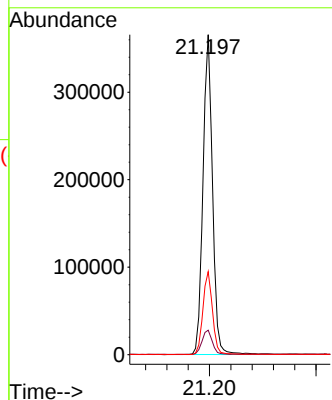
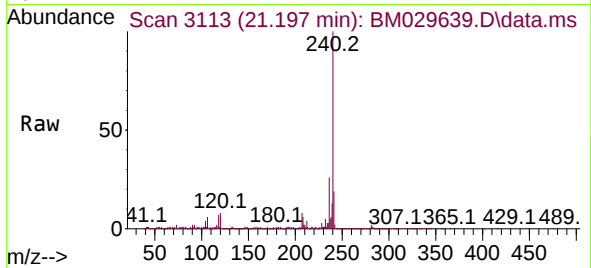




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

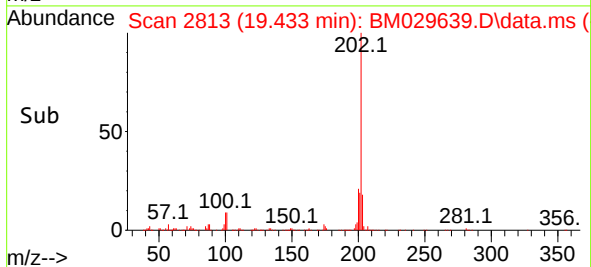
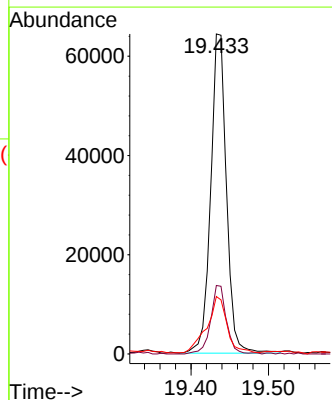
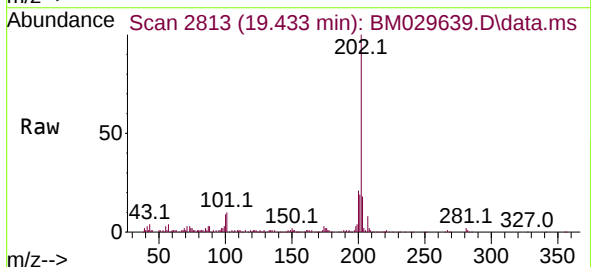
Instrument :
BNA_M
ClientSampleId :
SB-40-0-2.0

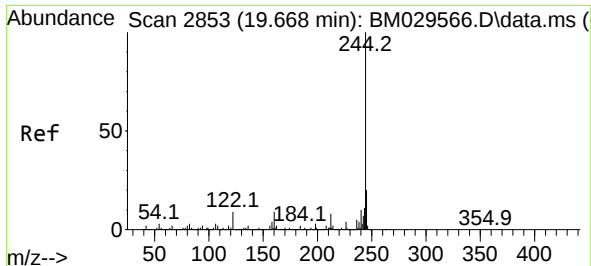
Tgt Ion:240 Resp: 453456
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 26.0 21.0 31.4



#78
Pyrene
Concen: 3.12 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion:202 Resp: 91054
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.9 13.9 20.9

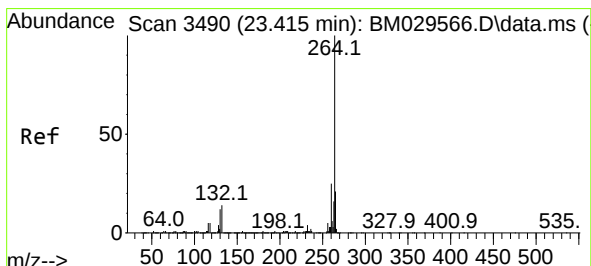
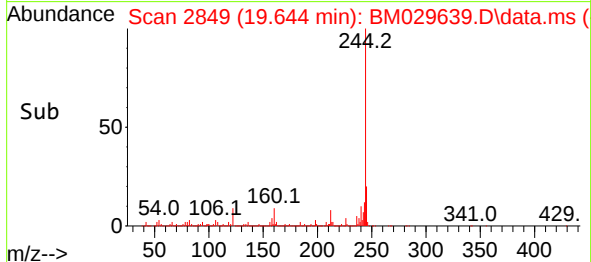
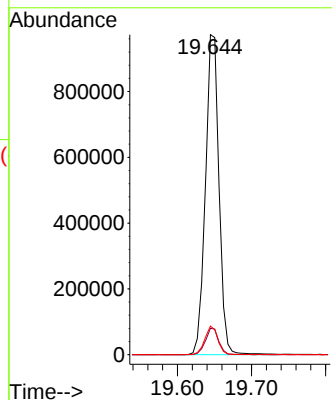
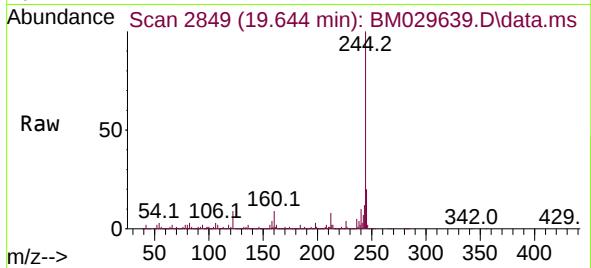




#79
 Terphenyl-d14
 Concen: 51.77 ng
 RT: 19.644 min Scan# 2849
 Delta R.T. -0.012 min
 Lab File: BM029639.D
 Acq: 24 Apr 2021 16:06

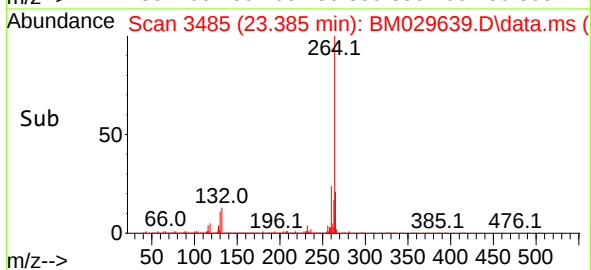
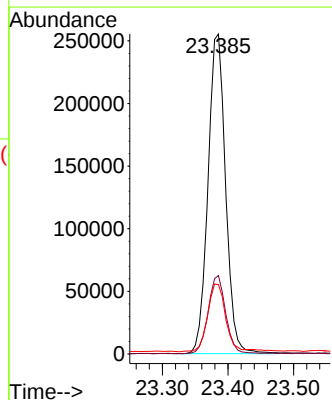
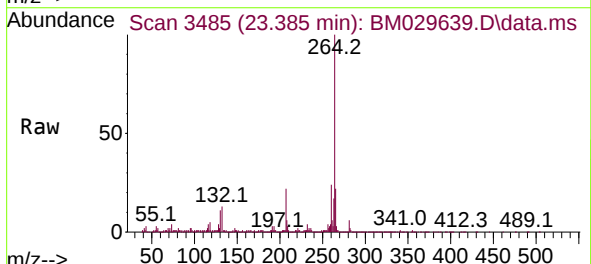
Instrument :
 BNA_M
 ClientSampled :
 SB-40-0-2.0

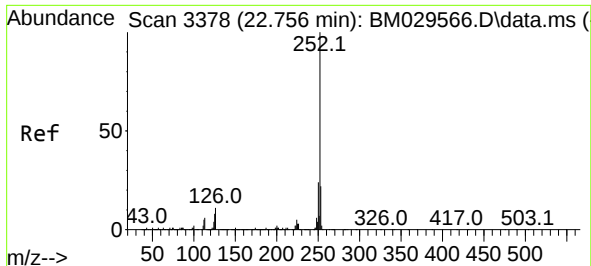
Tgt Ion:244 Resp: 1238273
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 8.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.385 min Scan# 3485
 Delta R.T. -0.006 min
 Lab File: BM029639.D
 Acq: 24 Apr 2021 16:06

Tgt Ion:264 Resp: 476844
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.8
 265 21.7 17.7 26.5

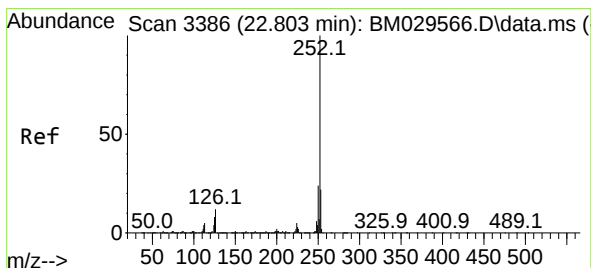
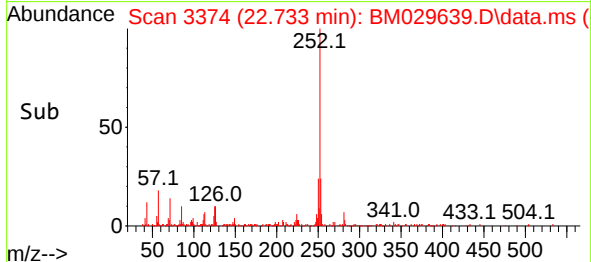
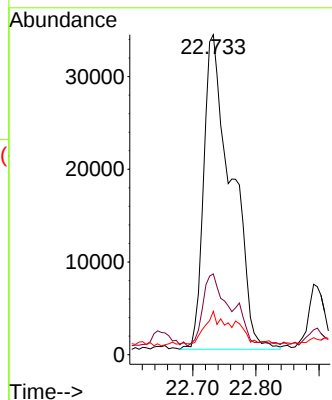
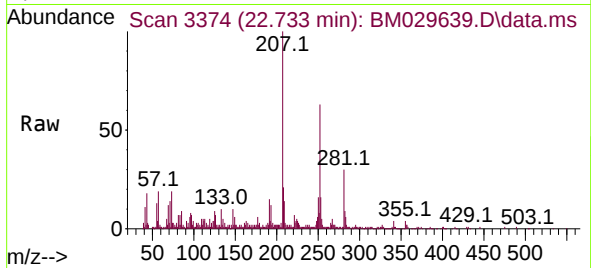




#88
Benzo(b)fluoranthene
Concen: 3.34 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Instrument :
BNA_M
ClientSampleId :
SB-40-0-2.0

Tgt Ion:252 Resp: 103728
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.0
125 13.6 6.8 10.2#



#89
Benzo(k)fluoranthene
Concen: 3.33 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.053 min
Lab File: BM029639.D
Acq: 24 Apr 2021 16:06

Tgt Ion:252 Resp: 103728
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 13.6 6.2 9.2#

