

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029625.D
 Acq On : 23 Apr 2021 22:33
 Operator : CG/JU
 Sample : M2146-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-042221

Quant Time: Apr 26 02:11:18 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)

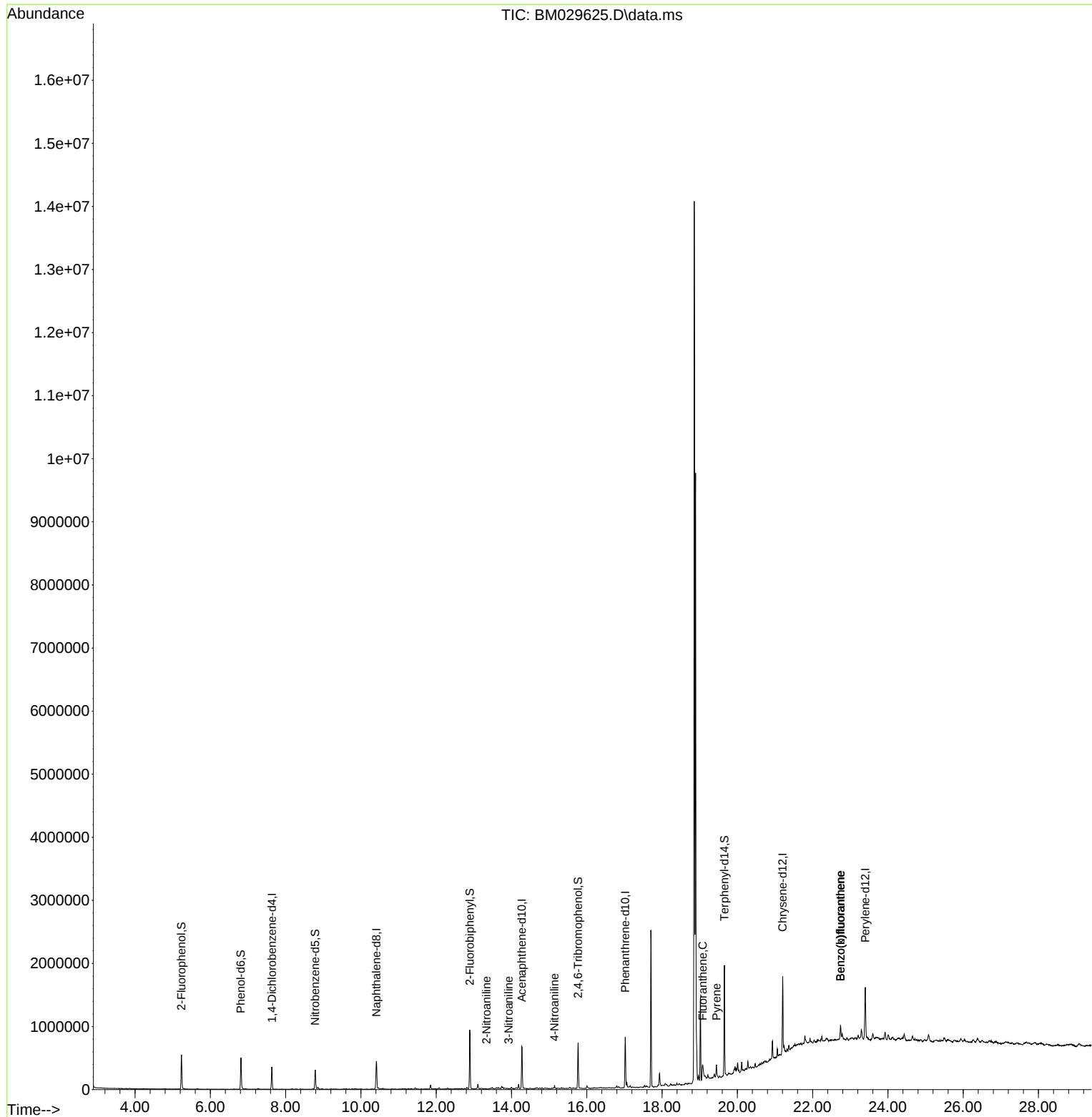
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	97161	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	345539	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	223806	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	480184	20.00	ng	0.00
76) Chrysene-d12	21.203	240	528660	20.00	ng	0.00
86) Perylene-d12	23.397	264	550720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	222354	45.88	ng	0.00
7) Phenol-d6	6.810	99	269658	37.25	ng	0.00
23) Nitrobenzene-d5	8.787	82	182006	27.13	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	123313	39.84	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	483221	29.30	ng	0.00
79) Terphenyl-d14	19.656	244	771207	27.66	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.339	65	181	2.91	ng	# 4
53) 3-Nitroaniline	13.927	138	67	3.00	ng	# 1
62) 4-Nitroaniline	15.139	138	53	3.47	ng	# 10
75) Fluoranthene	19.080	202	83074	2.48	ng	96
78) Pyrene	19.445	202	100785	2.96	ng	99
88) Benzo(b)fluoranthene	22.739	252	100304	2.79	ng	# 77
89) Benzo(k)fluoranthene	22.739	252	100304	2.79	ng	# 77

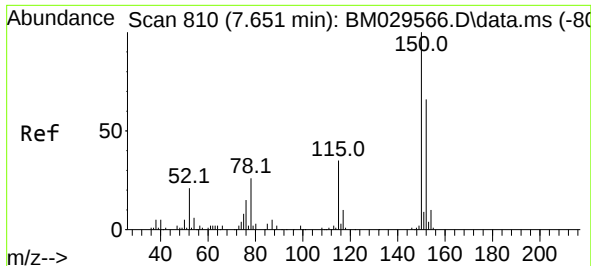
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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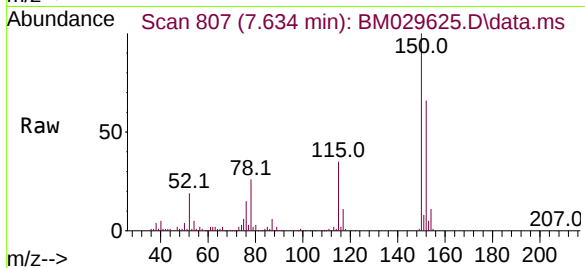
Quant Time: Apr 26 02:11:18 2021
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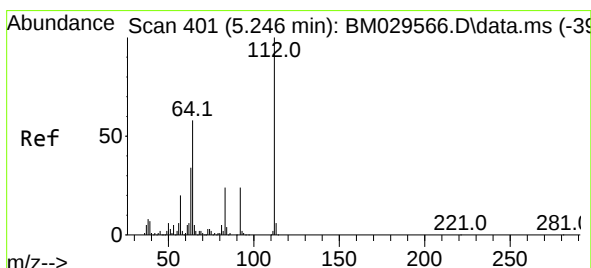
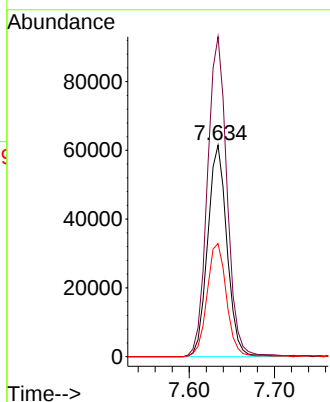
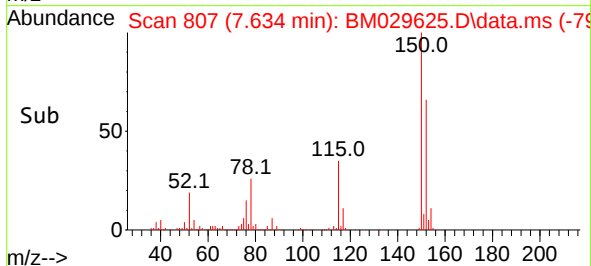


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

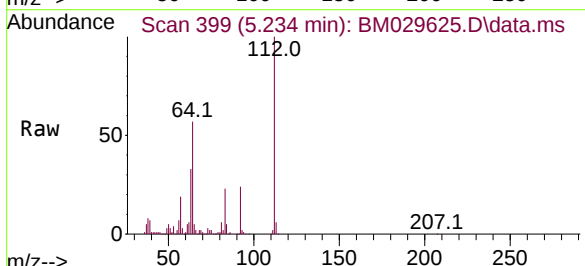
Instrument :
BNA_M
ClientSampleId :
TR-04-042221



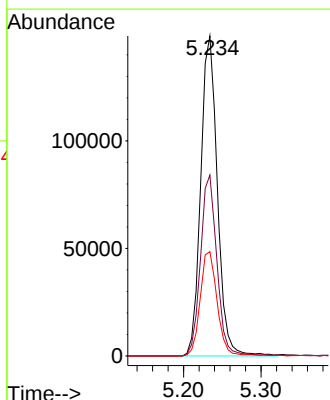
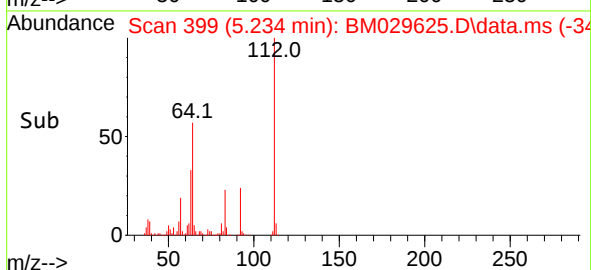
Tgt Ion:152 Resp: 97161
Ion Ratio Lower Upper
152 100
150 151.3 125.9 188.9
115 53.5 44.6 67.0



#5
2-Fluorophenol
Concen: 45.88 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33



Tgt Ion:112 Resp: 222354
Ion Ratio Lower Upper
112 100
64 56.5 47.1 70.7
63 32.6 27.3 40.9

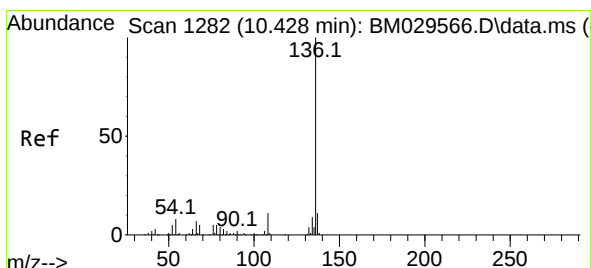
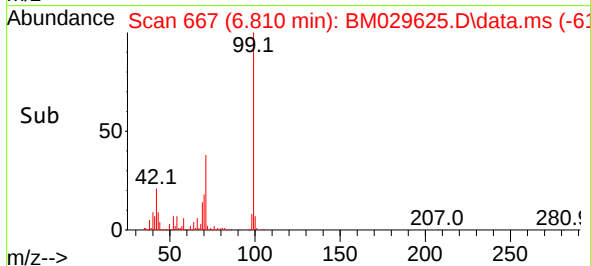
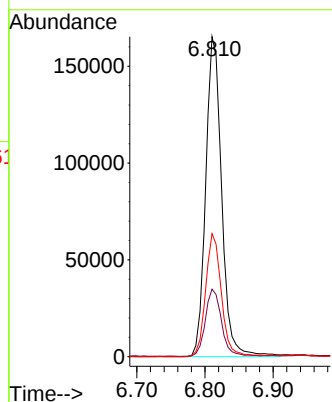
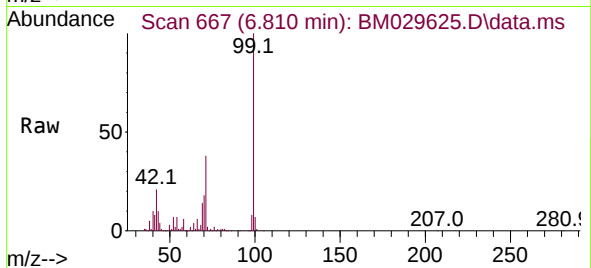




#7
Phenol-d6
Concen: 37.25 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

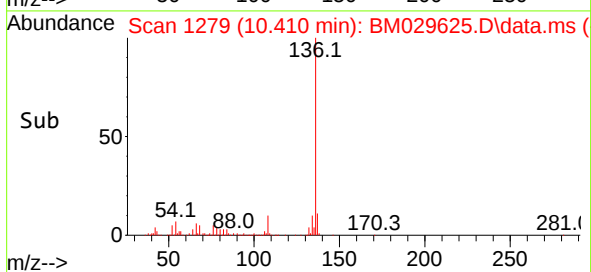
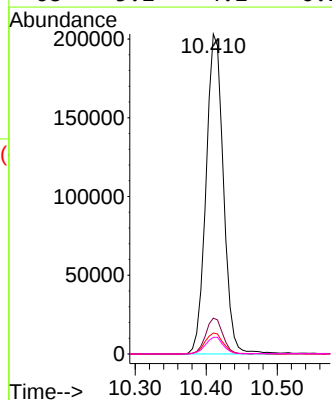
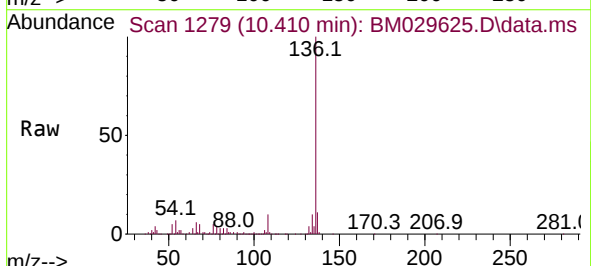
Instrument :
BNA_M
ClientSampleId :
TR-04-042221

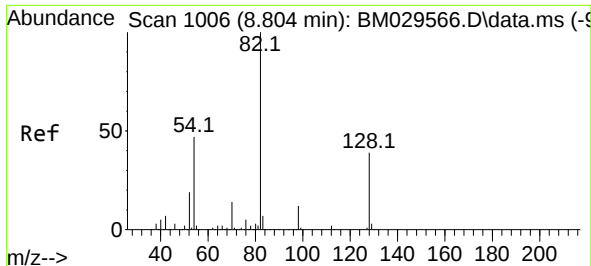
Tgt Ion:	99	Resp:	269658
Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.0	27.0
71	38.4	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion:	136	Resp:	345539
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.5	5.5	8.3
68	5.2	4.2	6.2

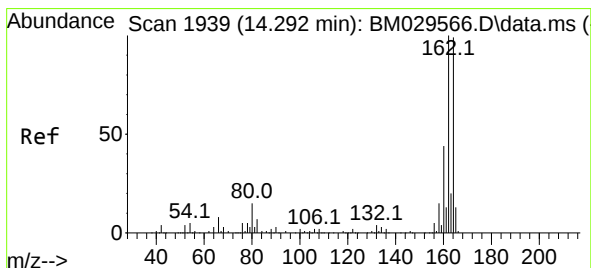
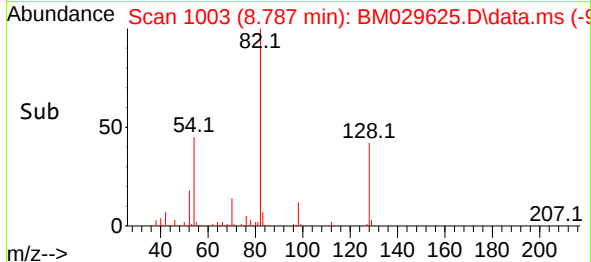
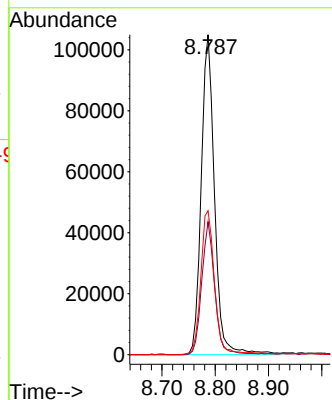
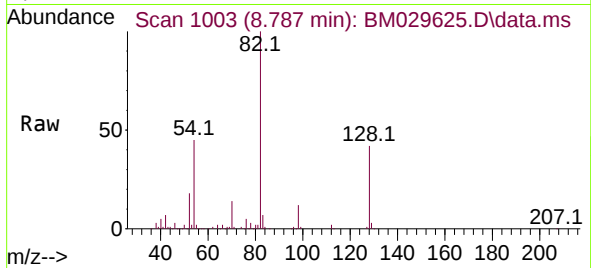




#23
Nitrobenzene-d5
Concen: 27.13 ng
RT: 8.787 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

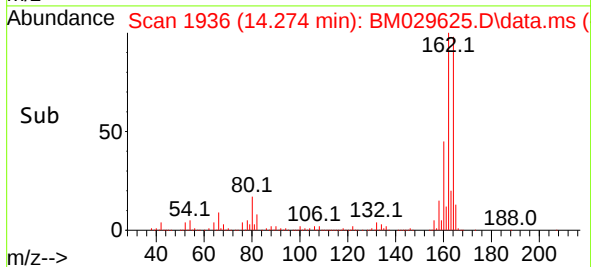
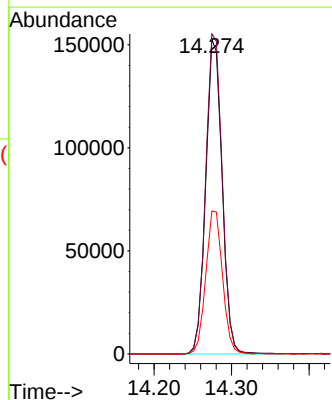
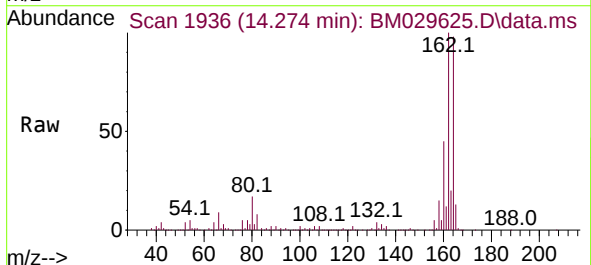
Instrument :
BNA_M
ClientSampleId :
TR-04-042221

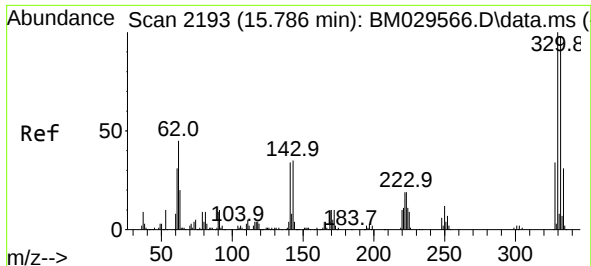
Tgt Ion: 82 Resp: 182006
Ion Ratio Lower Upper
82 100
128 41.5 31.1 46.7
54 45.0 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion: 164 Resp: 223806
Ion Ratio Lower Upper
164 100
162 101.7 83.4 125.0
160 45.5 37.2 55.8

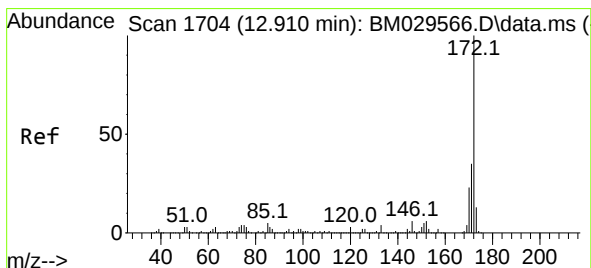
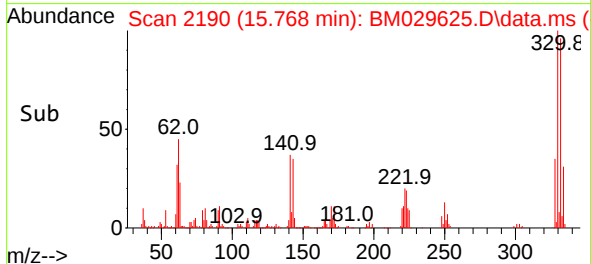
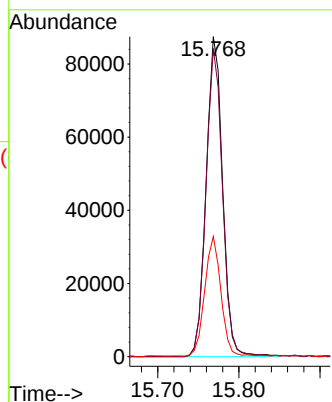
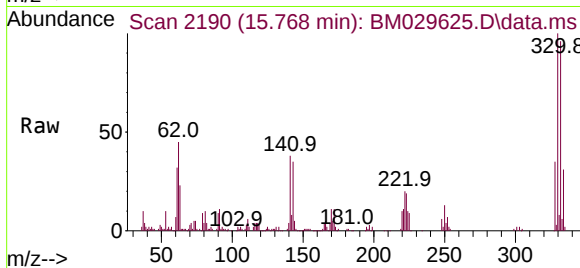




#42
2,4,6-Tribromophenol
Concen: 39.84 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

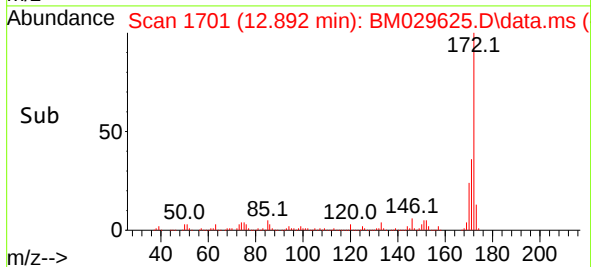
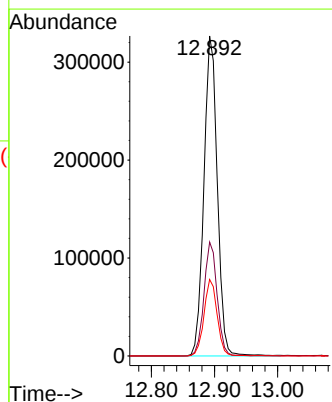
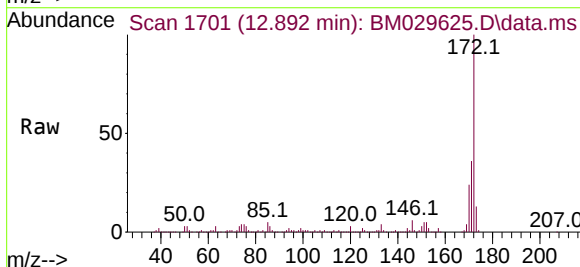
Instrument :
BNA_M
ClientSampled :
TR-04-042221

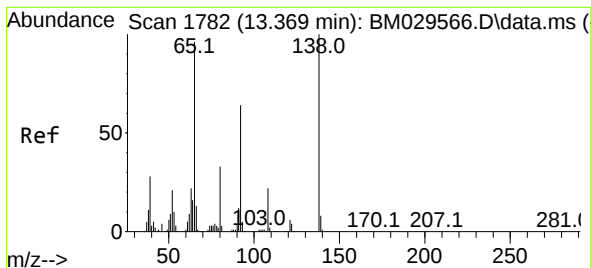
Tgt Ion:330 Resp: 123313
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 36.6 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 29.30 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion:172 Resp: 483221
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 18.4 27.6

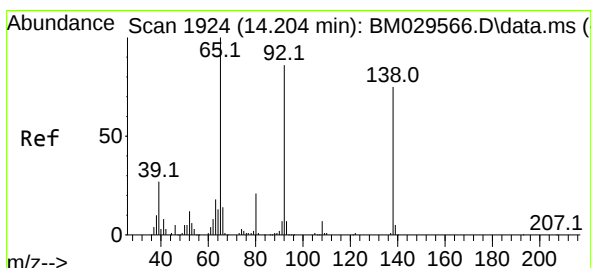
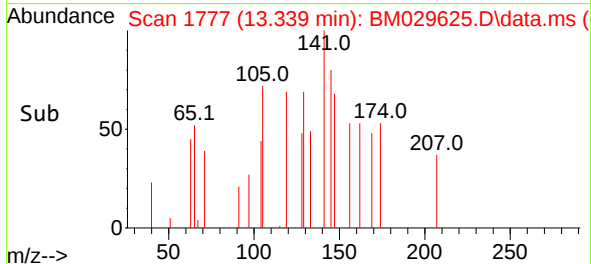
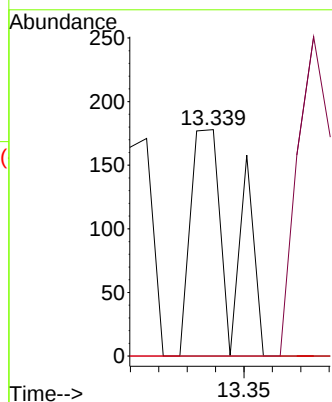
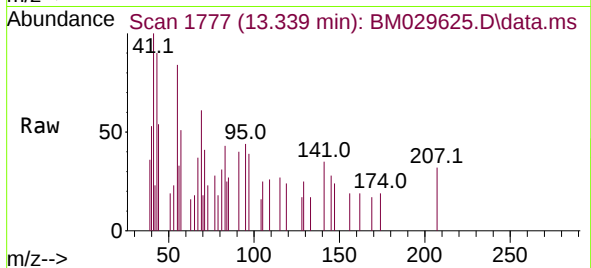




#48
2-Nitroaniline
Concen: 2.91 ng
RT: 13.339 min Scan# 1777
Delta R.T. -0.018 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

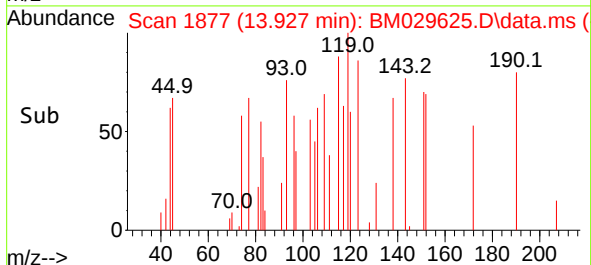
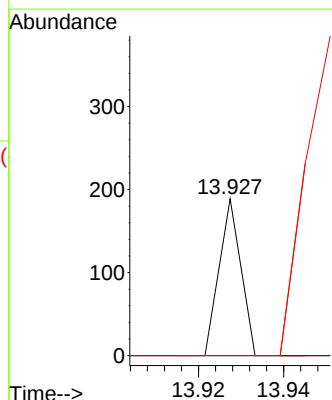
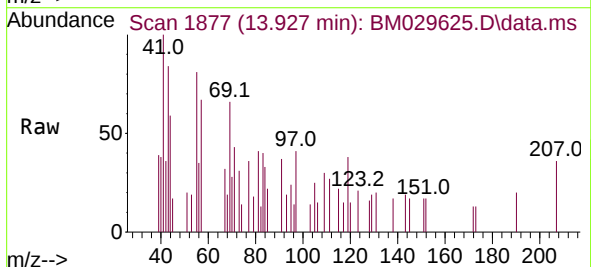
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ClientSampleId :
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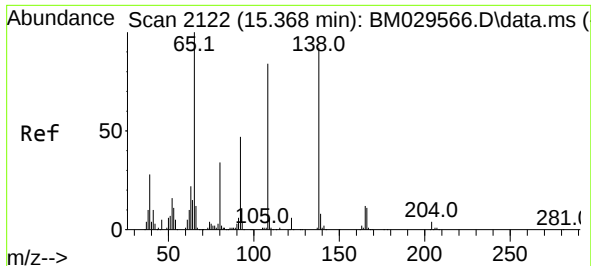
Tgt Ion: 65 Resp: 181
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#53
3-Nitroaniline
Concen: 3.00 ng
RT: 13.927 min Scan# 1877
Delta R.T. -0.265 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion: 138 Resp: 67
Ion Ratio Lower Upper
138 100
108 0.0 7.7 11.5#
92 0.0 92.6 138.8#

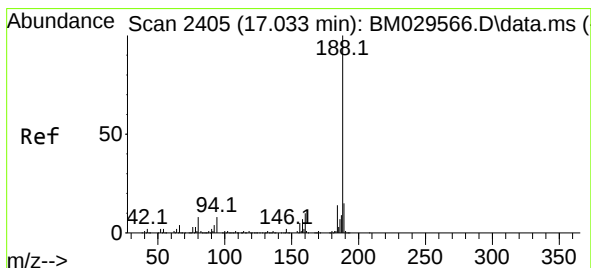
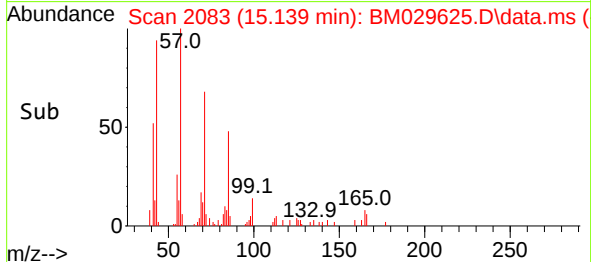
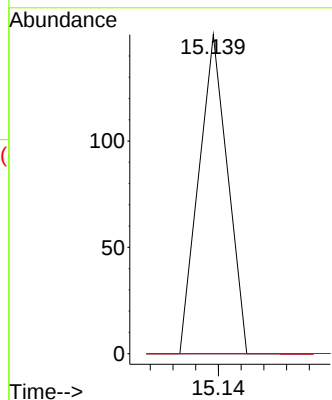
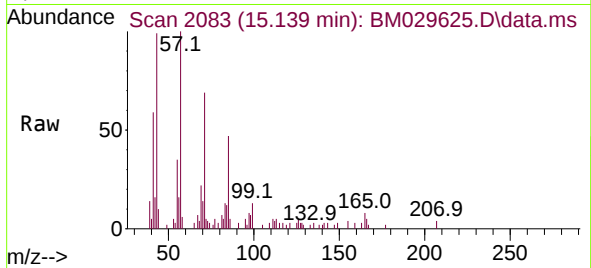




#62
4-Nitroaniline
Concen: 3.47 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.218 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

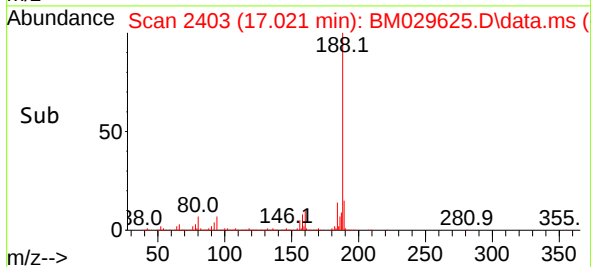
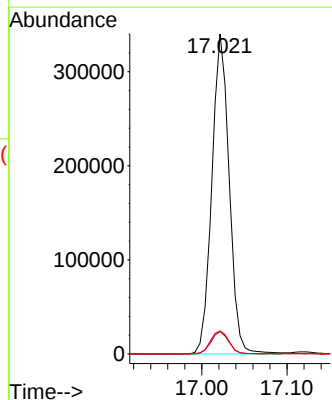
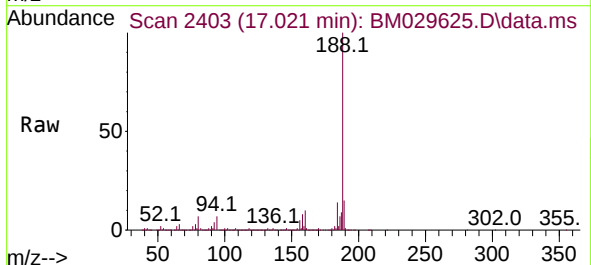
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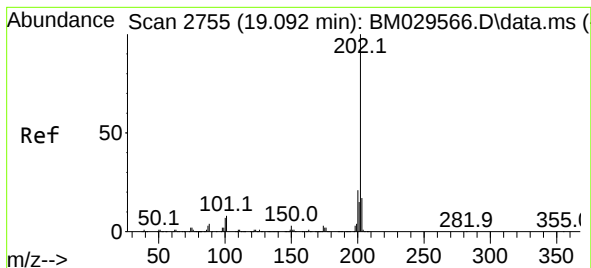
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion:188 Resp: 480184
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.2 6.6 9.8

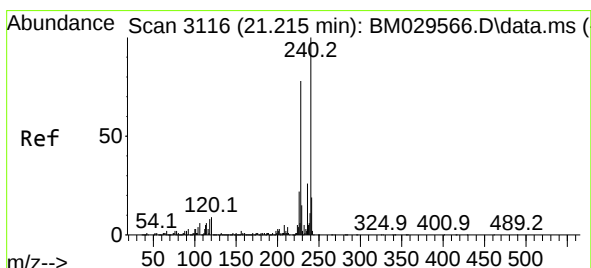
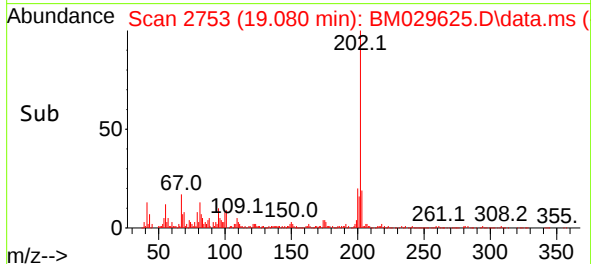
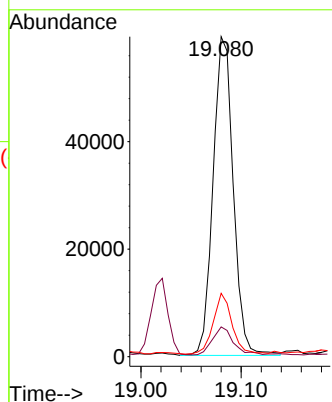
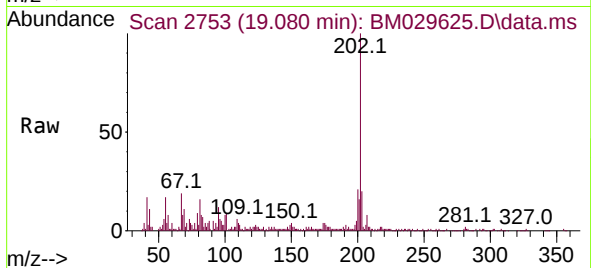




#75
Fluoranthene
Concen: 2.48 ng
RT: 19.080 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

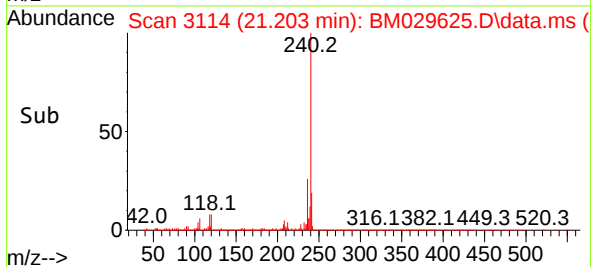
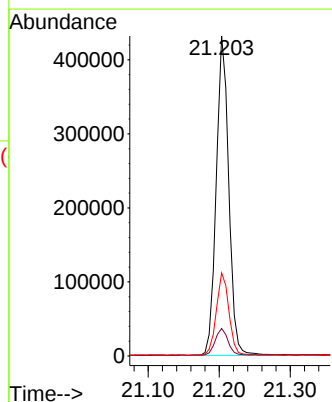
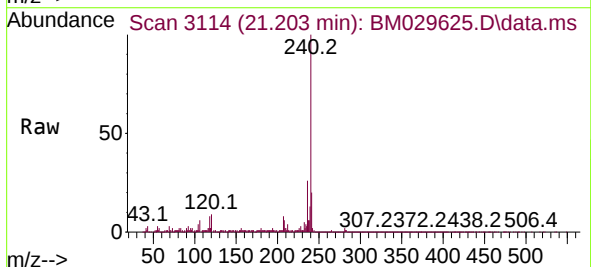
Instrument :
BNA_M
ClientSampleId :
TR-04-042221

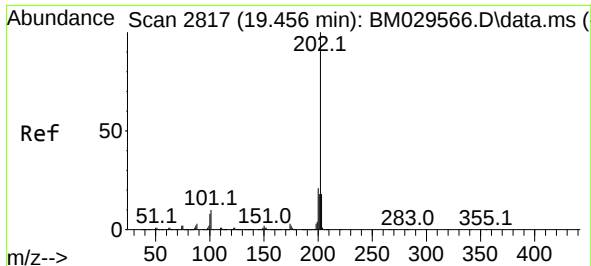
Tgt Ion:	202	Resp:	83074
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	28.6
203	19.8	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion:	240	Resp:	528660
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.0	10.6
236	25.9	21.0	31.4

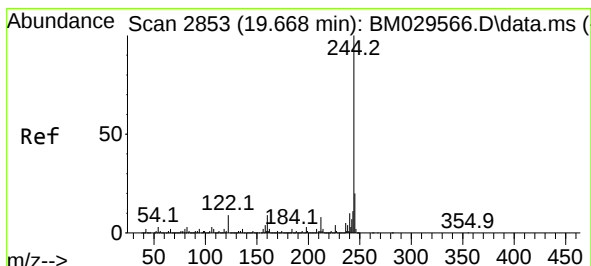
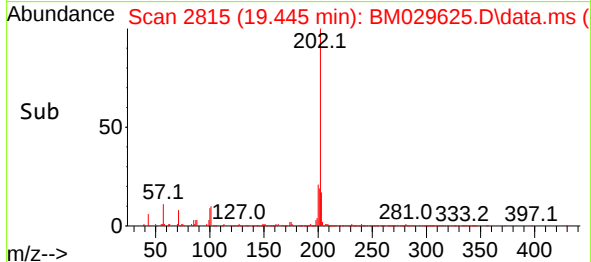
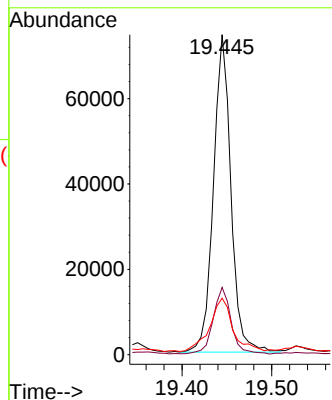
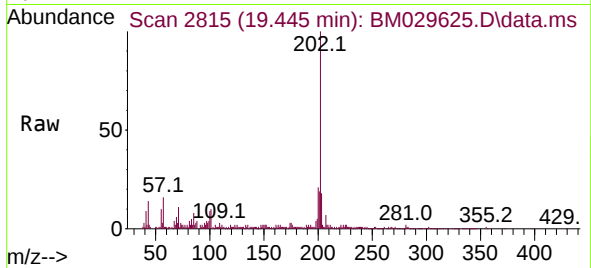




#78
Pyrene
Concen: 2.96 ng
RT: 19.445 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

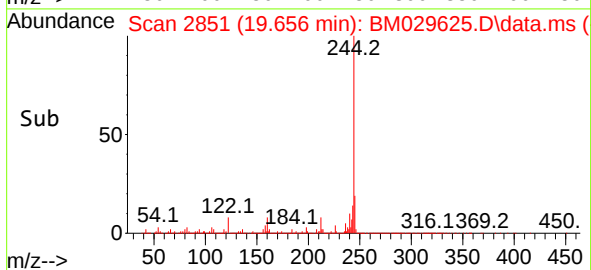
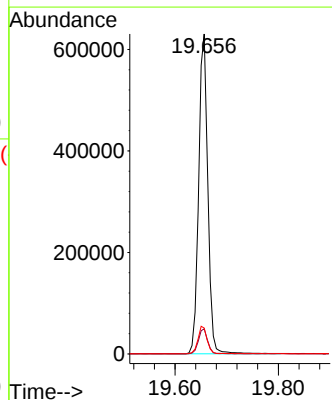
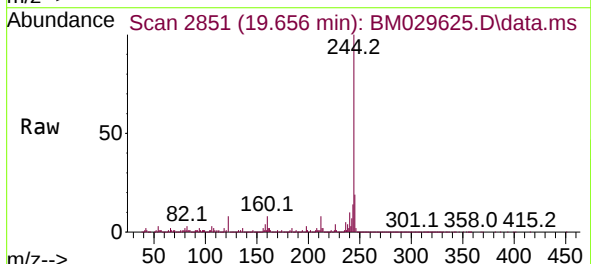
Instrument :
BNA_M
ClientSampleId :
TR-04-042221

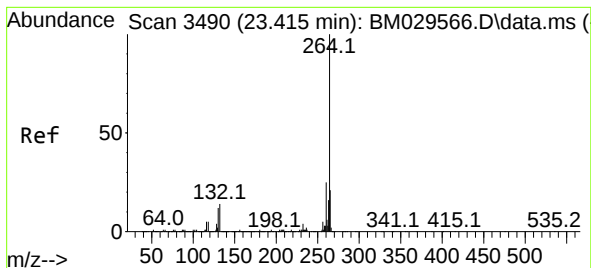
Tgt Ion:202 Resp: 100785
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.7 13.9 20.9



#79
Terphenyl-d14
Concen: 27.66 ng
RT: 19.656 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Tgt Ion:244 Resp: 771207
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.1 6.9 10.3





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.397 min Scan# 3487

Delta R.T. 0.006 min

Lab File: BM029625.D

Acq: 23 Apr 2021 22:33

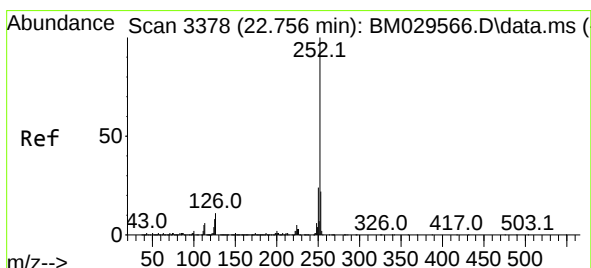
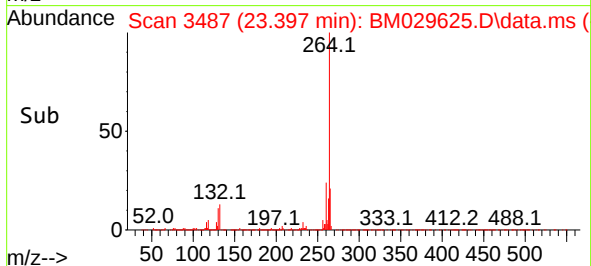
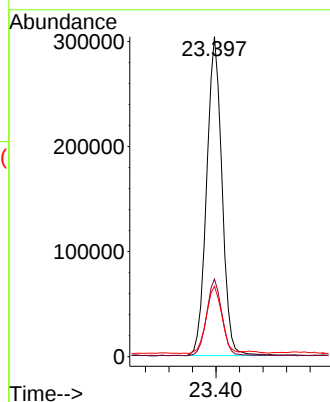
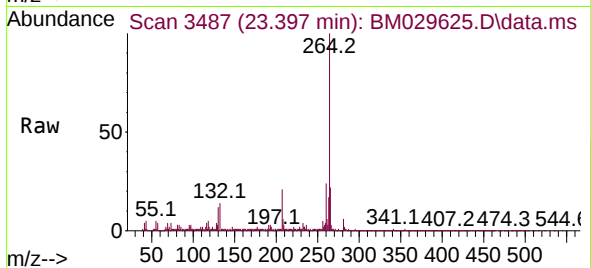
Tgt Ion:264 Resp: 550720

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.0 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 2.79 ng

RT: 22.739 min Scan# 3375

Delta R.T. -0.000 min

Lab File: BM029625.D

Acq: 23 Apr 2021 22:33

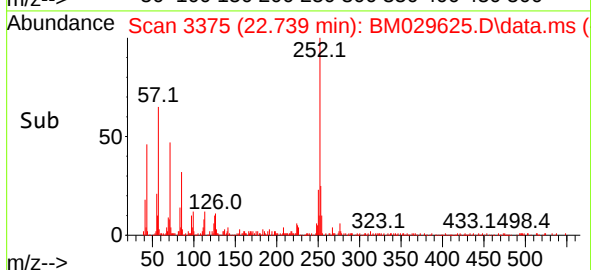
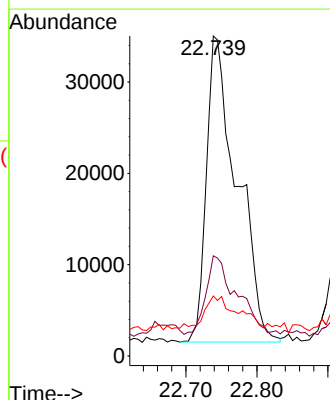
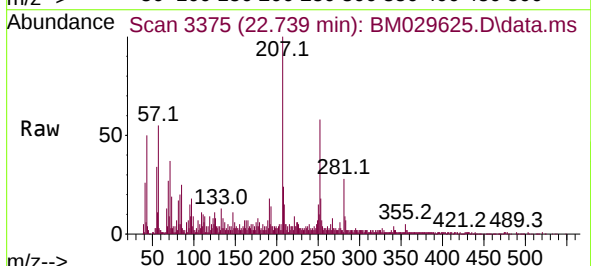
Tgt Ion:252 Resp: 100304

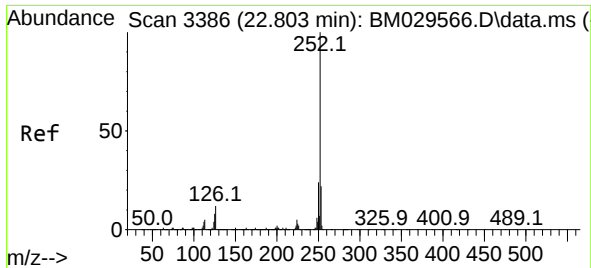
Ion Ratio Lower Upper

252 100

253 31.3 17.4 26.0#

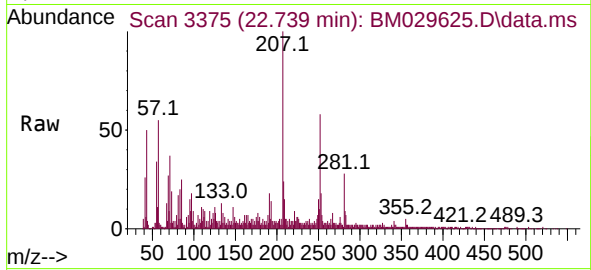
125 18.7 6.8 10.2#





#89
Benzo(k)fluoranthene
Concen: 2.79 ng
RT: 22.739 min Scan# 3375
Delta R.T. -0.047 min
Lab File: BM029625.D
Acq: 23 Apr 2021 22:33

Instrument :
BNA_M
ClientSampleId :
TR-04-042221



Tgt Ion:252 Resp: 100304
Ion Ratio Lower Upper
252 100
253 31.3 17.4 26.2#
125 18.7 6.2 9.2#

