

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060820\
 Data File : BM026292.D
 Acq On : 08 Jun 2020 18:20
 Operator : JU/CG
 Sample : L2890-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 26572-25062-251686RE

Quant Time: Jun 08 18:54:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:00:18 2020
 Response via : Initial Calibration

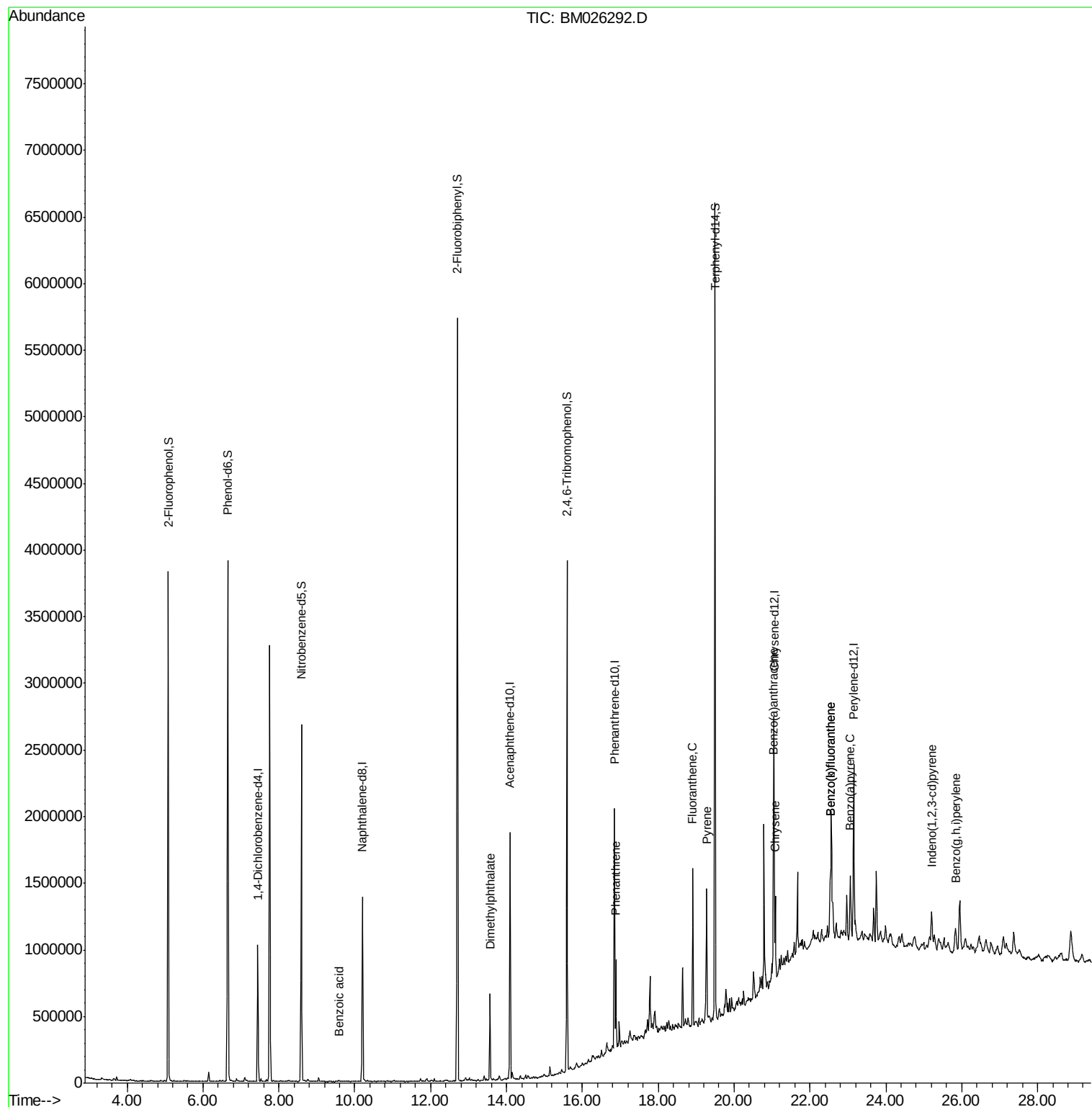
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	249201	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1008495	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	564077	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	961871	20.00	ng	0.00
76) Chrysene-d12	21.05	240	781509	20.00	ng	0.00
86) Perylene-d12	23.16	264	837822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1423866	101.02	ng	0.00
7) Phenol-d6	6.66	99	2035991	99.75	ng	0.01
23) Nitrobenzene-d5	8.59	82	1435268	69.88	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	643039	94.11	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	2884287	77.62	ng	0.00
79) Terphenyl-d14	19.50	244	2836550	70.46	ng	0.00
Target Compounds						
32) Benzoic acid	9.60	122	187	5.179	ng	Qvalue # 55
50) Dimethylphthalate	13.57	163	379256	9.192	ng	99
71) Phenanthrene	16.89	178	355258	7.092	ng	99
75) Fluoranthene	18.91	202	683660	11.905	ng	99
78) Pyrene	19.27	202	574429	11.124	ng	99
81) Benzo(a)anthracene	21.03	228	319434	6.810	ng	97
83) Chrysene	21.09	228	312089	6.981	ng	98
87) Indeno(1,2,3-cd)pyrene	25.21	276	212476	4.384	ng	# 95
88) Benzo(b)fluoranthene	22.54	252	572172	11.353	ng	96
89) Benzo(k)fluoranthene	22.54	252	572172	11.685	ng	96
90) Benzo(a)pyrene	23.06	252	299760	6.697	ng	98
92) Benzo(a,h,i)perylene	25.83	276	207896	5.400	ng	99

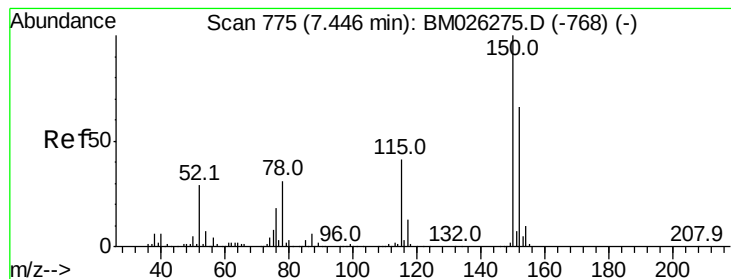
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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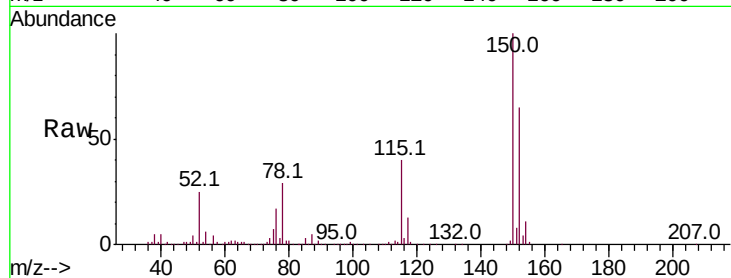


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.1	183.1
115	62.0	49.7	74.5

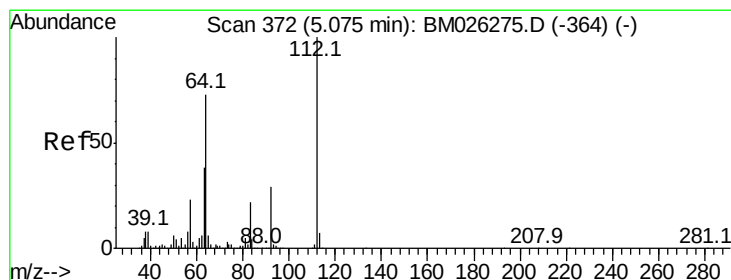
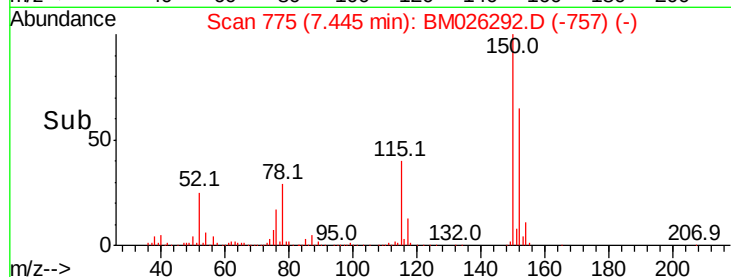
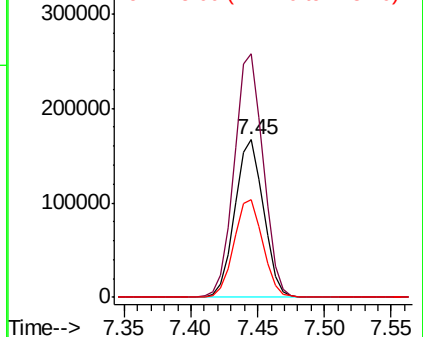


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

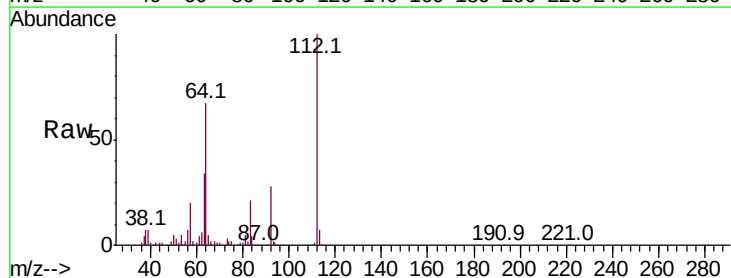
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.021 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	58.1	87.1
63	34.5	30.6	45.8

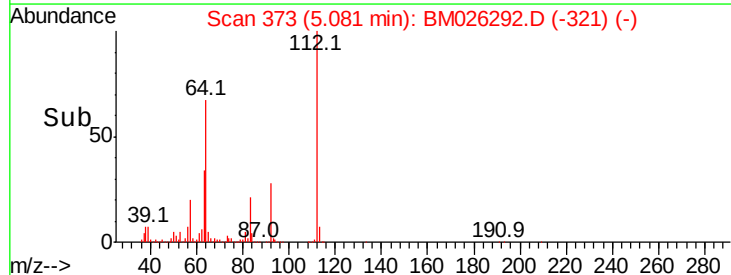
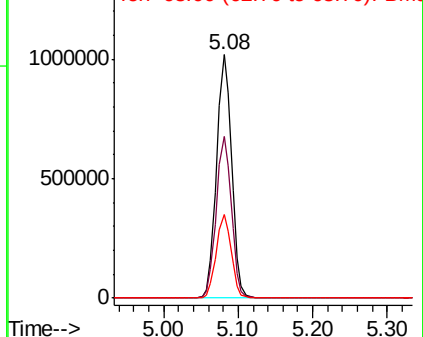


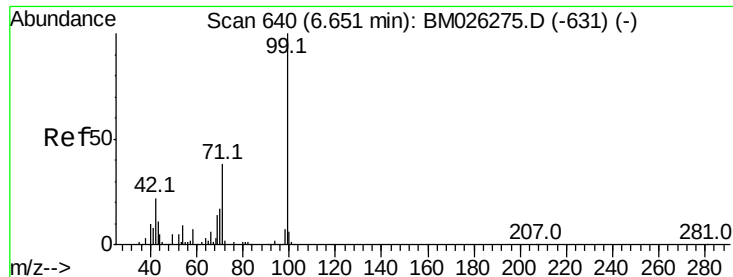
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 99.755 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

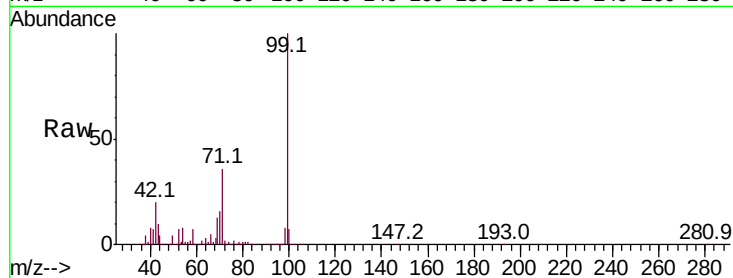
BNA_M

ClientSampleId :

26572-25062-251686RE

Tot Ion: 99 Resp: 2035991

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.0	27.0
71	36.4	30.6	45.8

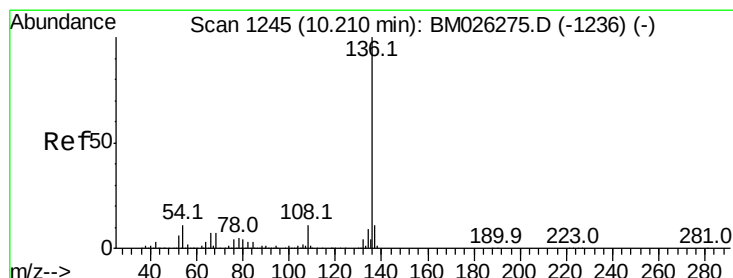
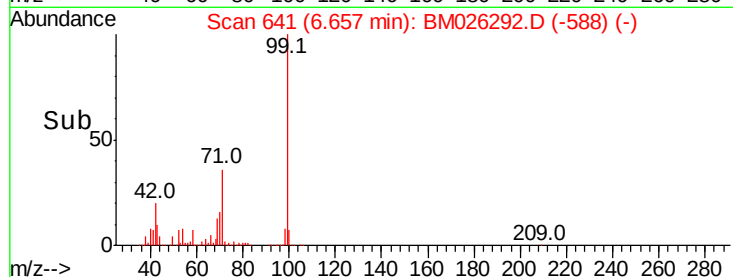
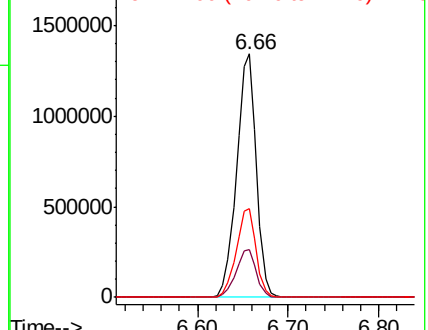


Abundance

Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

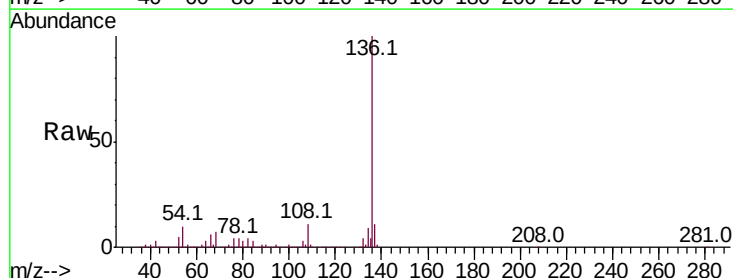
Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Tgt Ion: 136 Resp: 1008495

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	10.1	9.0	13.4
68	6.9	5.6	8.4



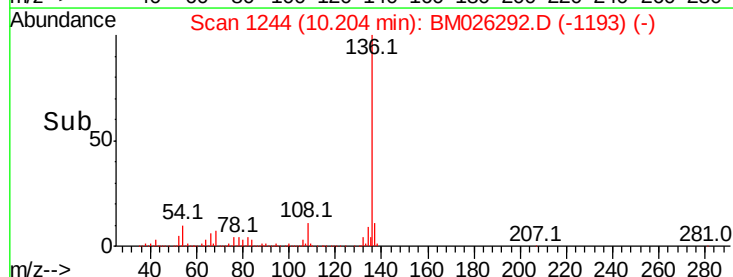
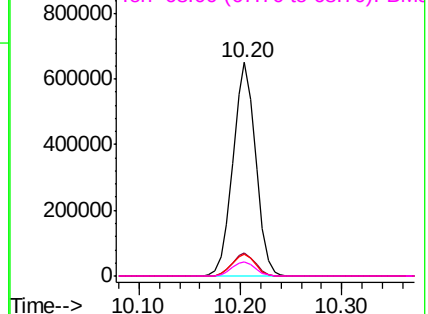
Abundance

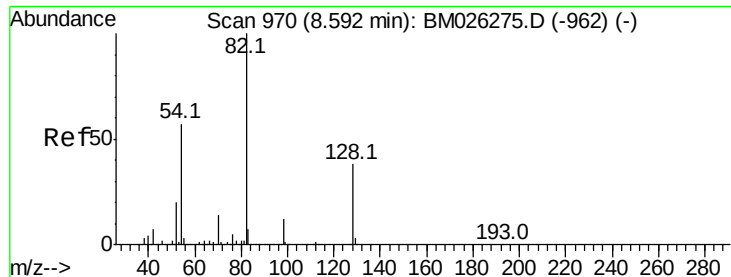
Ion 136.00 (135.70 to 136.70): BM026275.D (-1236) (-)

Ion 137.00 (136.70 to 137.70): BM026275.D (-1236) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-1236) (-)

Ion 68.00 (67.70 to 68.70): BM026275.D (-1236) (-)

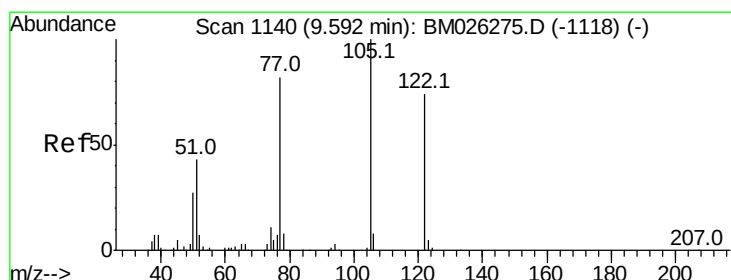
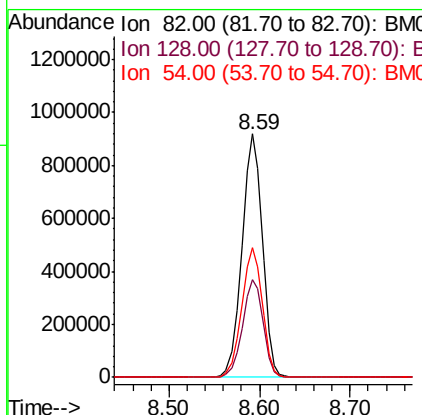
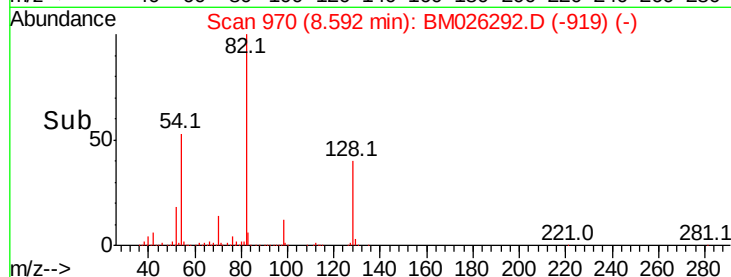
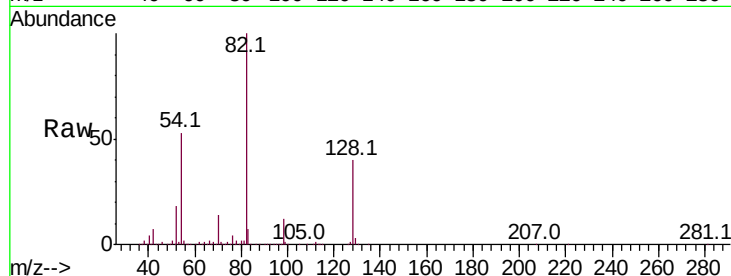




#23
Nitrobenzene-d5
Concen: 69.878 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

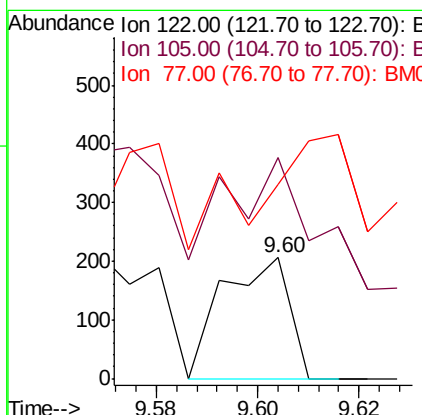
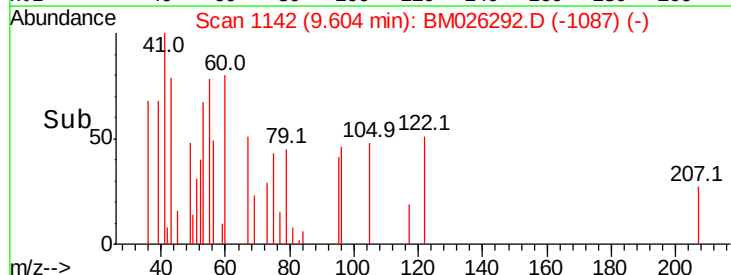
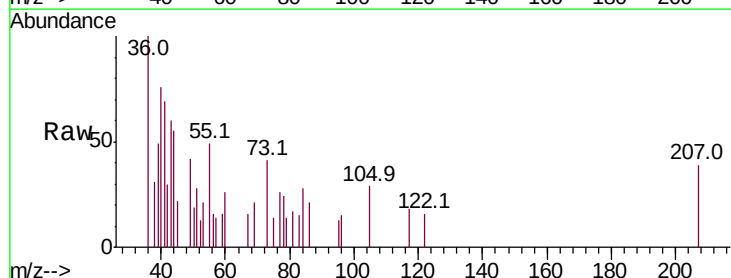
Instrument :
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26572-25062-251686RE

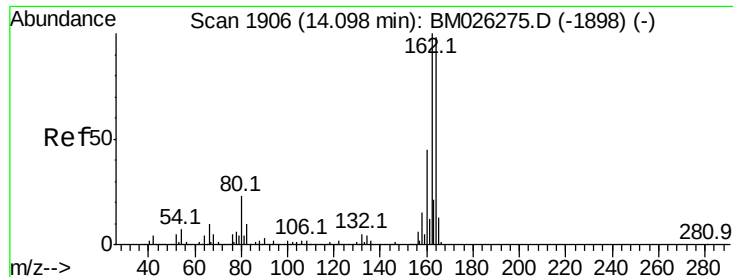
Tot Ion: 82 Resp: 1435268
Ion Ratio Lower Upper
82 100
128 40.3 30.3 45.5
54 53.0 45.4 68.2



#32
Benzoic acid
Concen: 5.179 ng
RT: 9.60 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion: 122 Resp: 187
Ion Ratio Lower Upper
122 100
105 182.5 112.4 152.4#
77 161.2 89.8 129.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

ClientSampleId :

26572-25062-251686RE

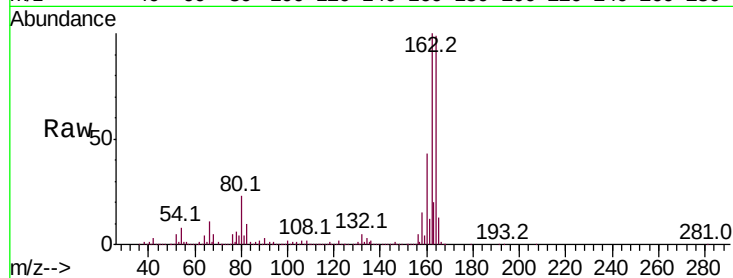
Tot Ion:164 Resp: 564077

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

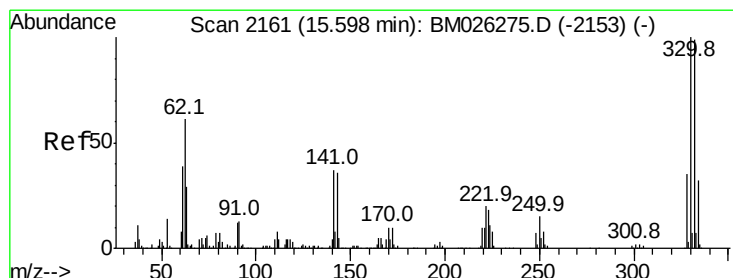
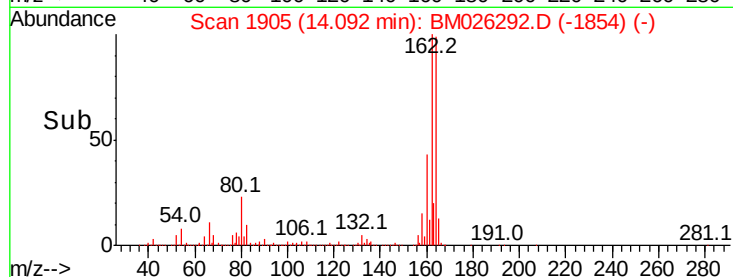
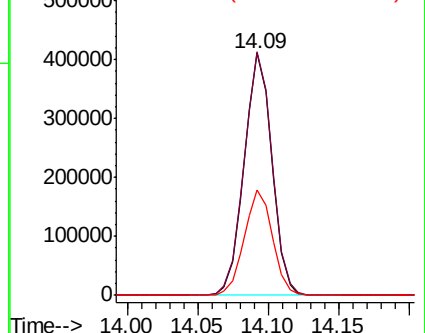
160 43.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 94.109 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

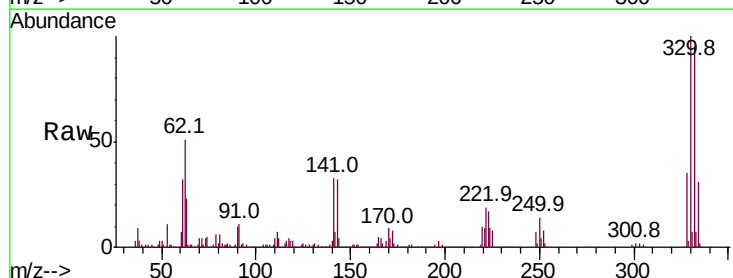
Tgt Ion:330 Resp: 643039

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

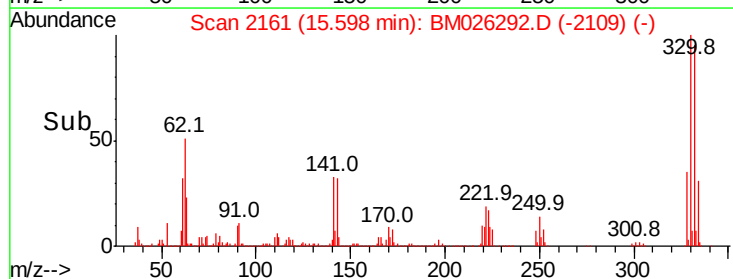
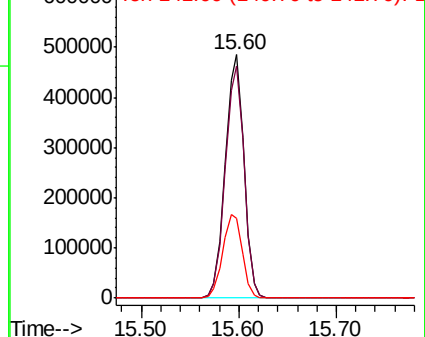
141 35.8 30.0 45.0

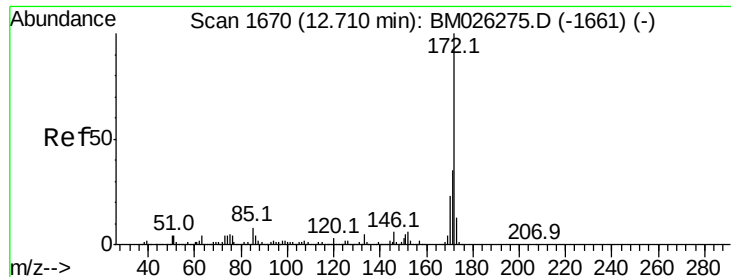


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

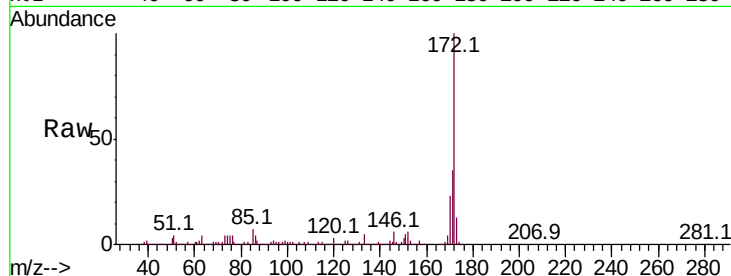




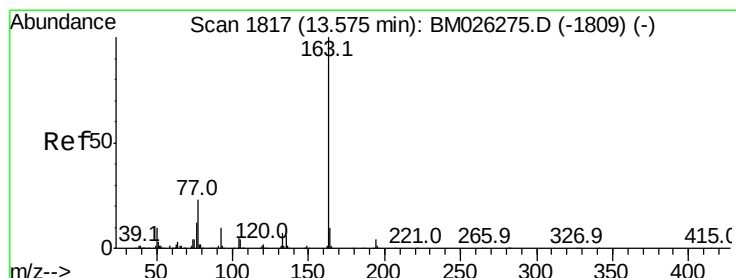
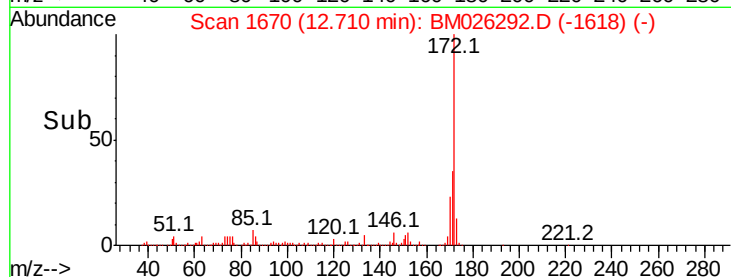
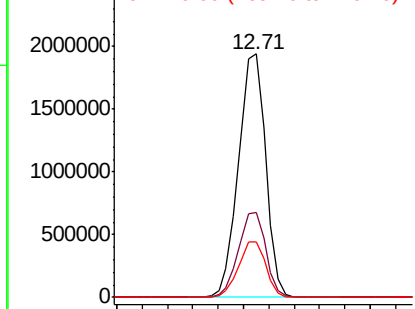
#45
2-Fluorobiphenyl
Concen: 77.618 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Instrument :
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ClientSampleId :
26572-25062-251686RE

Tot Ion:172 Resp: 2884287
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.8 18.3 27.5

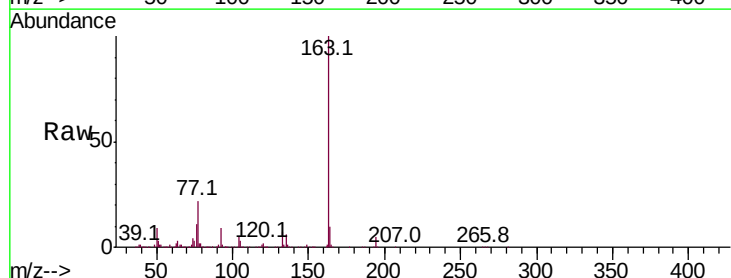


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

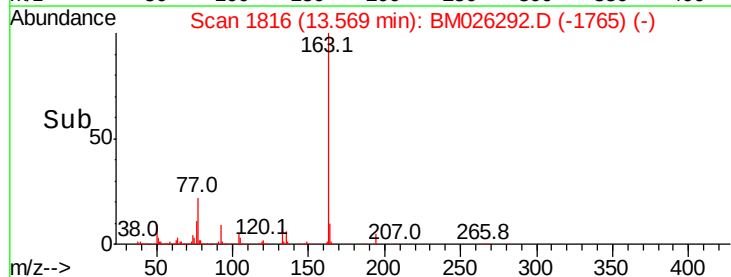
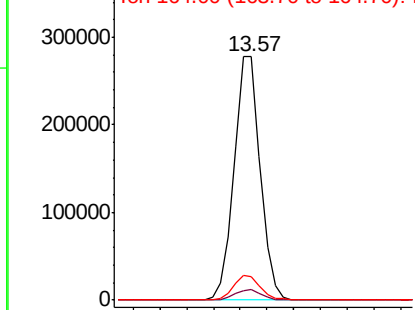


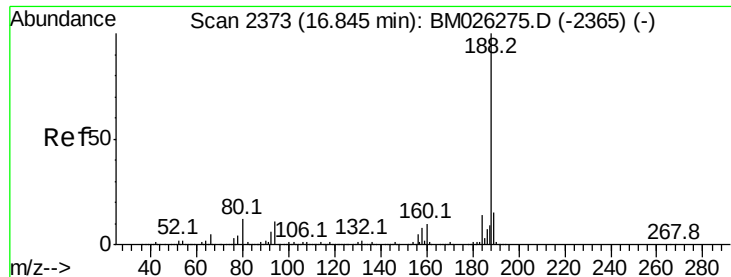
#50
Dimethylphthalate
Concen: 9.192 ng
RT: 13.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion:163 Resp: 379256
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

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ClientSampleId :

26572-25062-251686RE

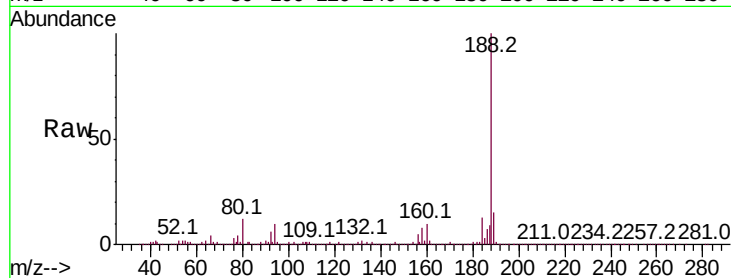
Tot Ion:188 Resp: 961871

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

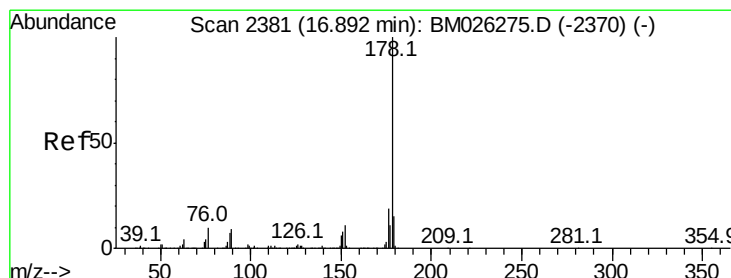
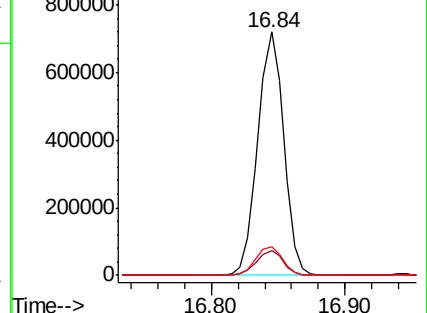
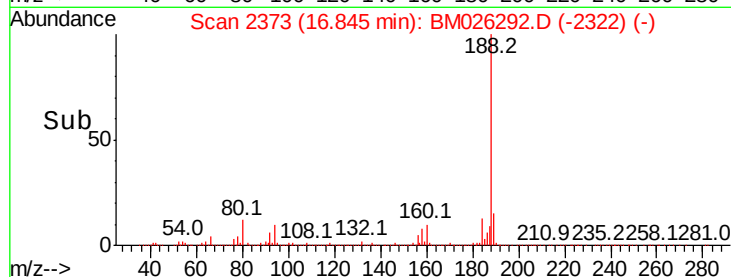
80 11.9 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 7.092 ng

RT: 16.89 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

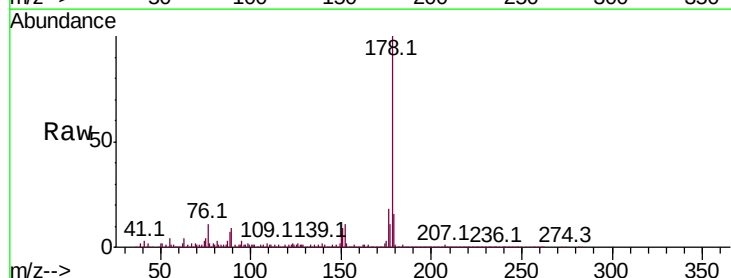
Tgt Ion:178 Resp: 355258

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

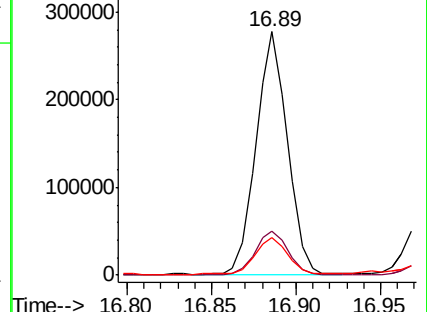
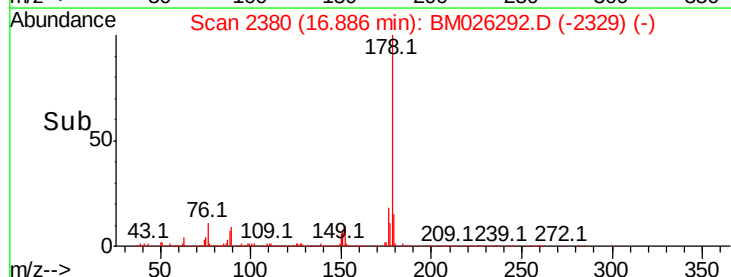
179 15.5 12.0 18.0

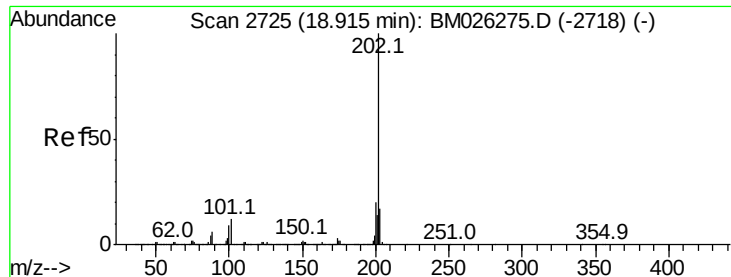


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 11.905 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

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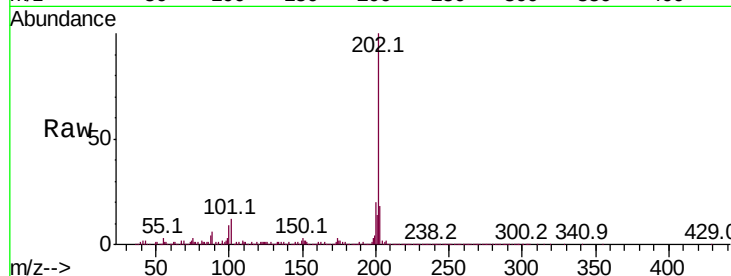
Tot Ion:202 Resp: 683660

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.6

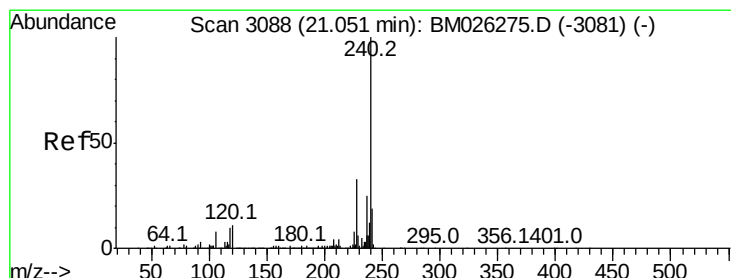
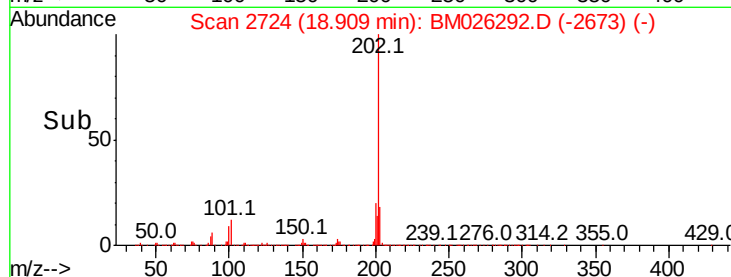
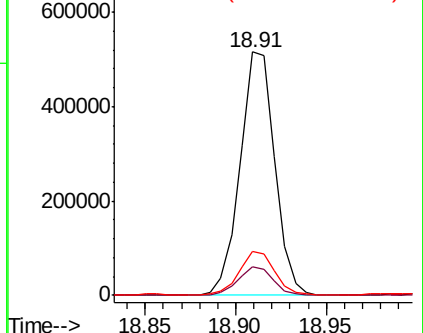
203 18.1 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

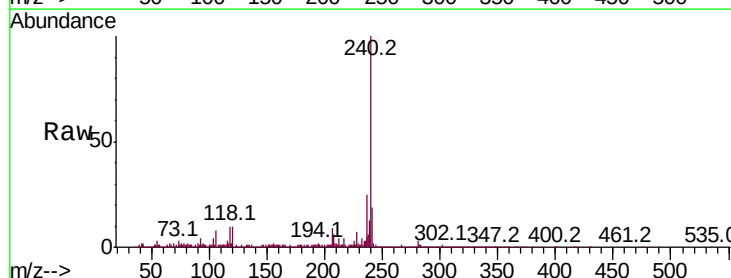
Tgt Ion:240 Resp: 781509

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

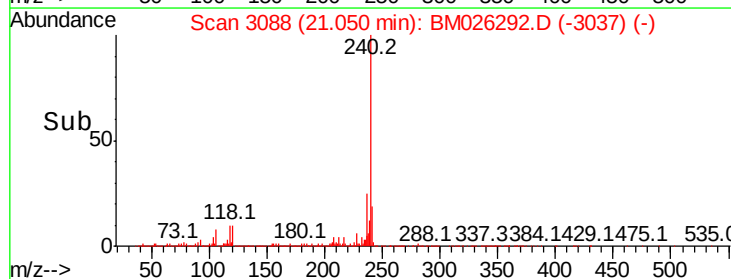
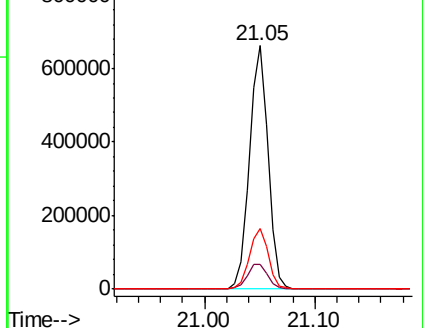
236 25.1 19.7 29.5

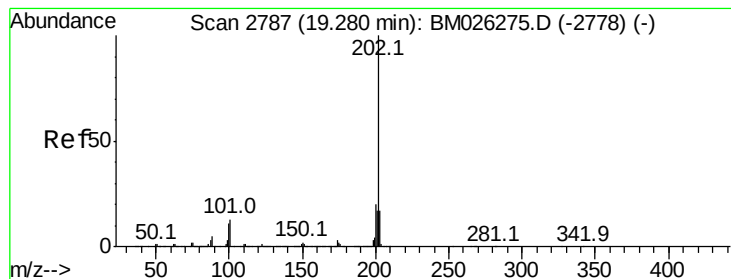


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 11.124 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

ClientSampleId :

26572-25062-251686RE

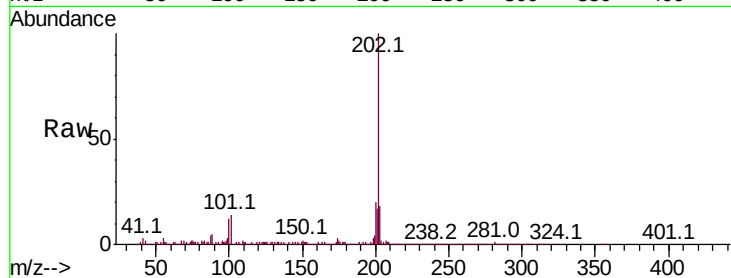
Tot Ion:202 Resp: 574429

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

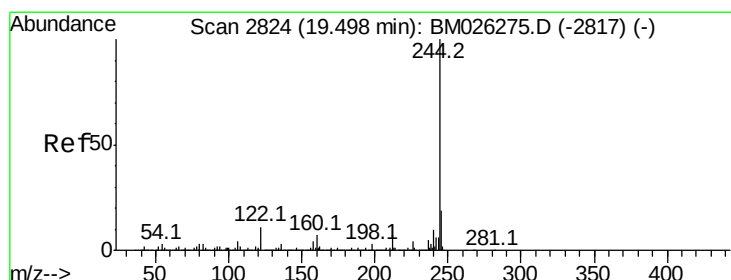
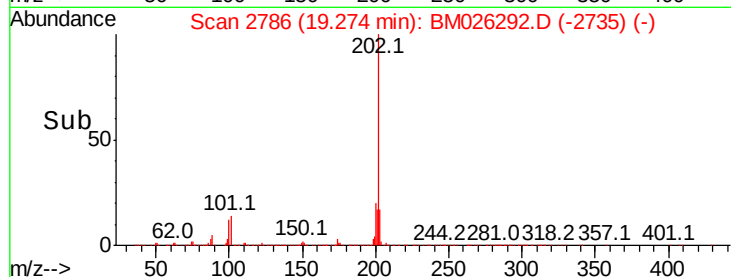
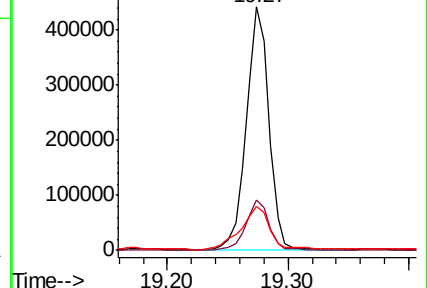
203 17.9 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 70.457 ng

RT: 19.50 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

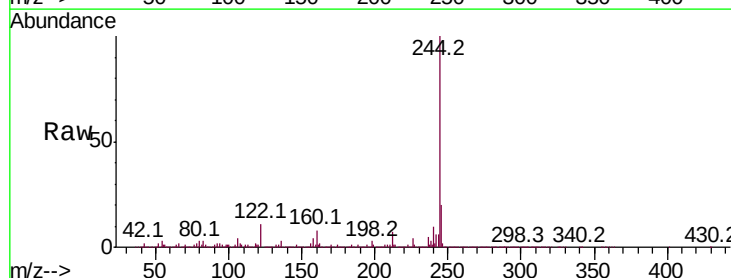
Tgt Ion:244 Resp: 2836550

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

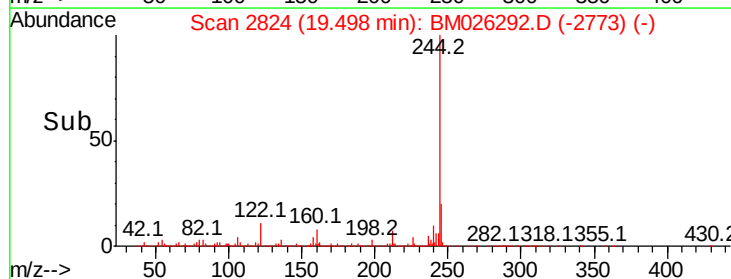
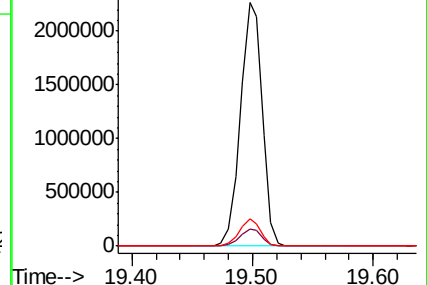
122 11.2 9.1 13.7

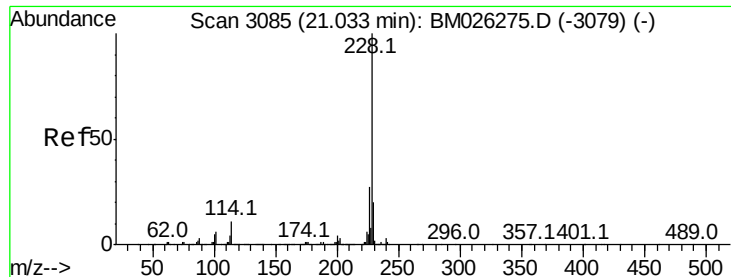


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 6.810 ng

RT: 21.03 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

ClientSampleId :

26572-25062-251686RE

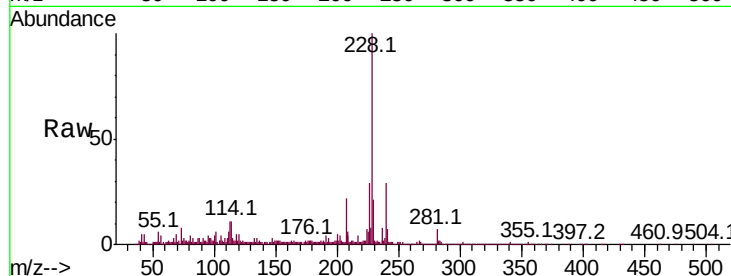
Tot Ion:228 Resp: 319434

Ion Ratio Lower Upper

228 100

226 29.2 21.7 32.5

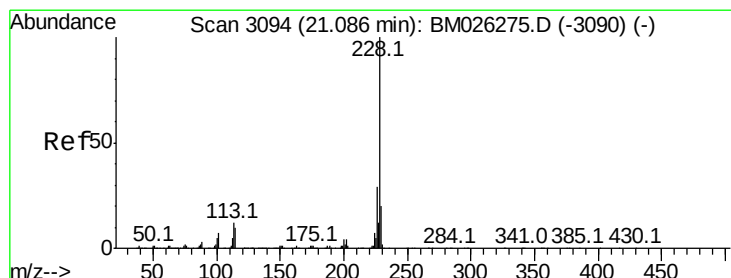
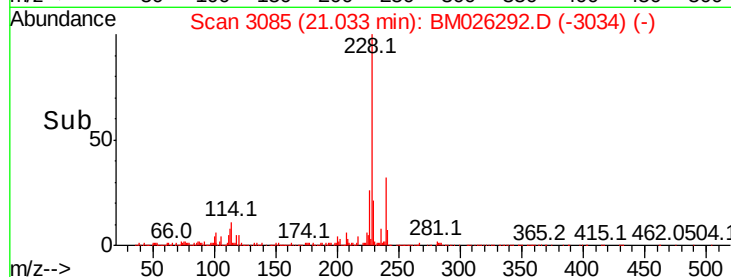
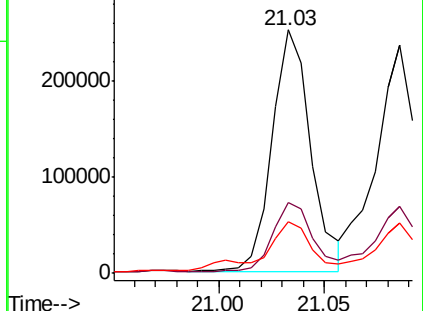
229 21.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 6.981 ng

RT: 21.09 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

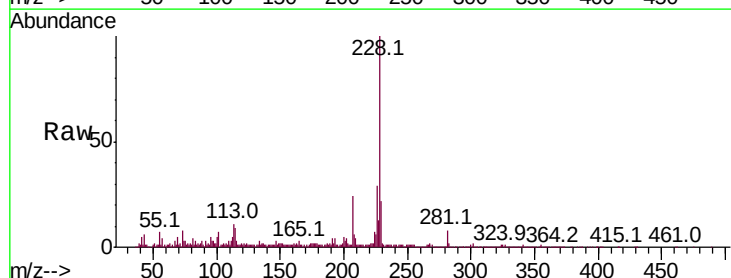
Tgt Ion:228 Resp: 312089

Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

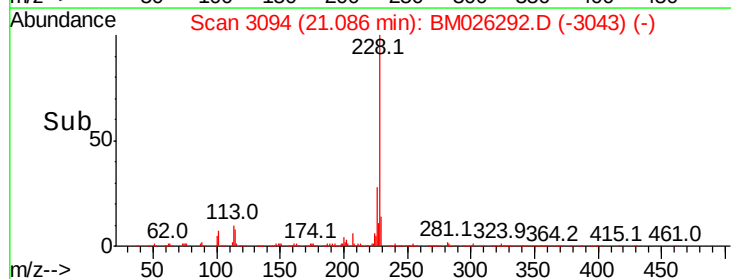
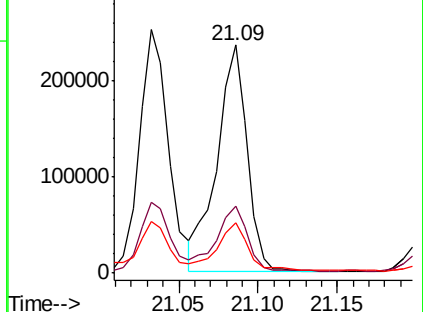
229 22.0 15.8 23.6

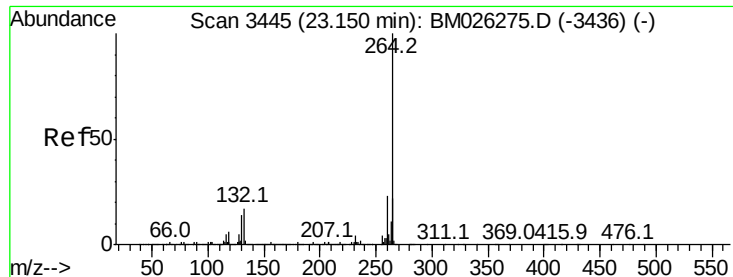


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

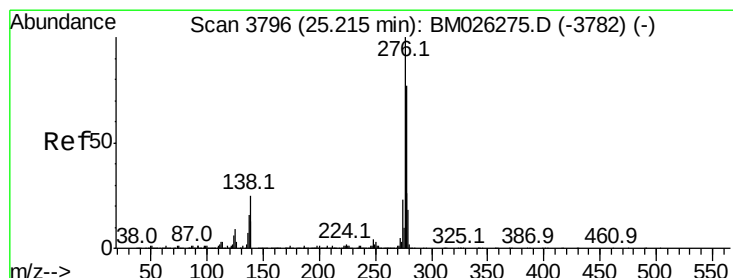
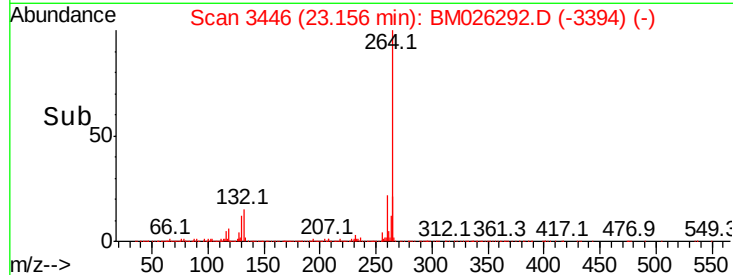
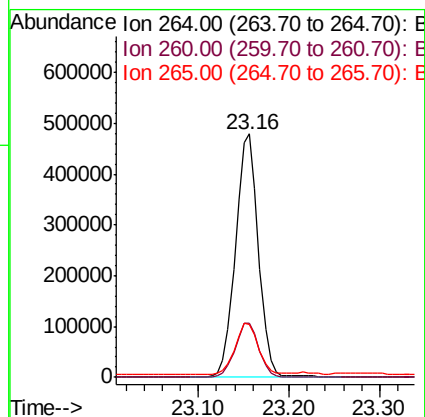
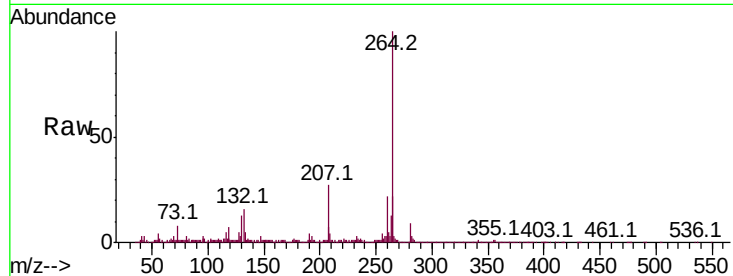




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

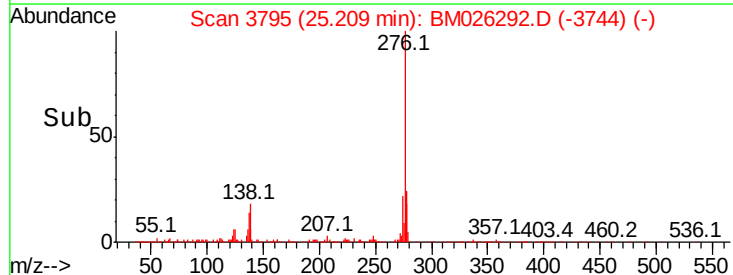
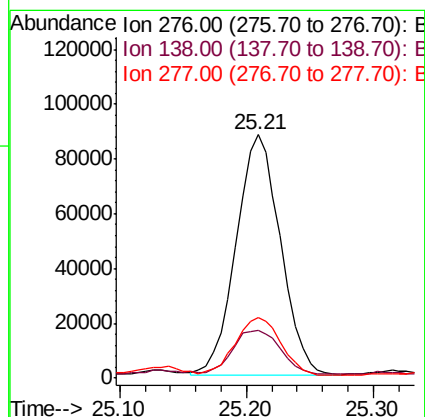
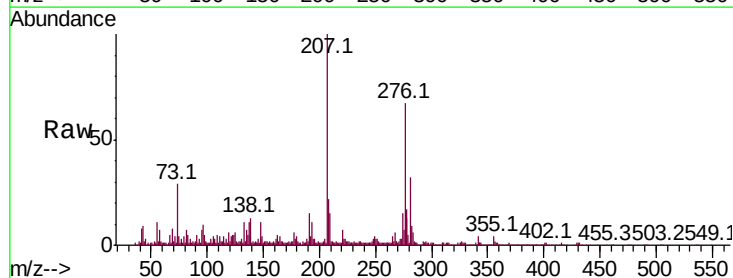
Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

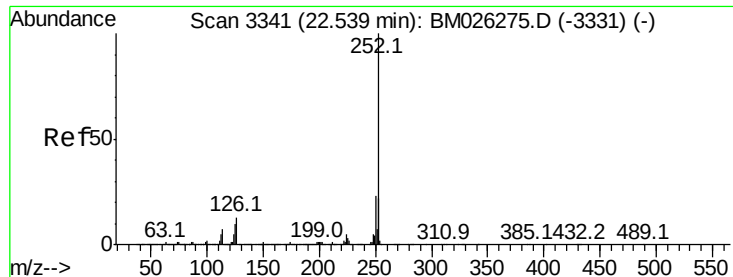
Tot Ion:264 Resp: 837822
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.9 18.2 27.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.384 ng
RT: 25.21 min Scan# 3795
Delta R.T. 0.00 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion:276 Resp: 212476
Ion Ratio Lower Upper
276 100
138 19.7 19.8 29.8#
277 24.9 20.2 30.2

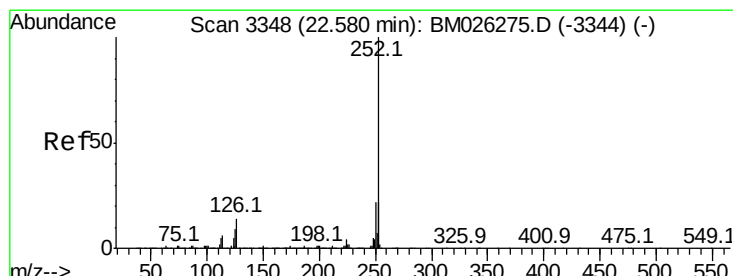
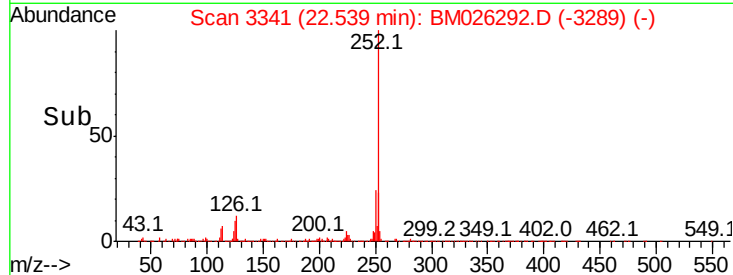
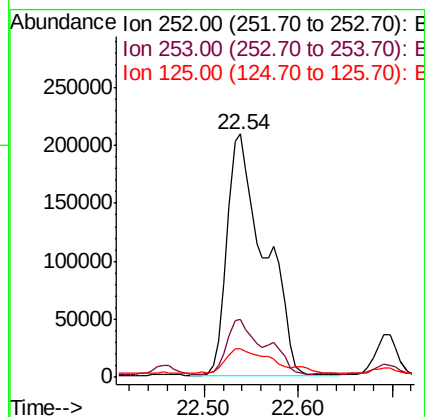
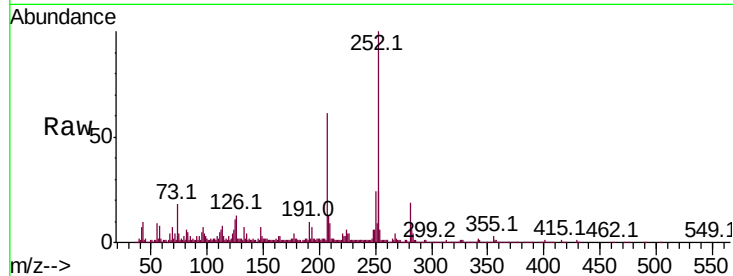




#88
Benzo(b)fluoranthene
Concen: 11.353 ng
RT: 22.54 min Scan# 3341
Delta R.T. 0.01 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

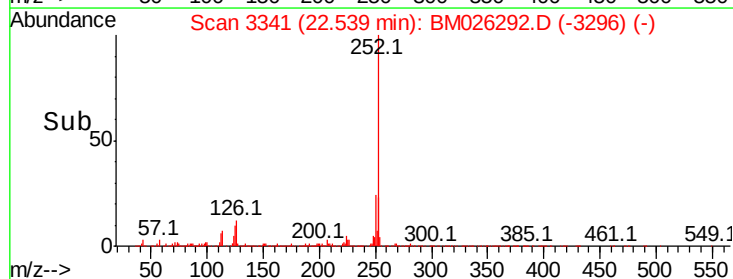
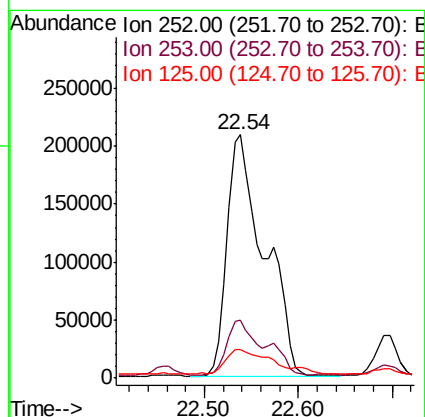
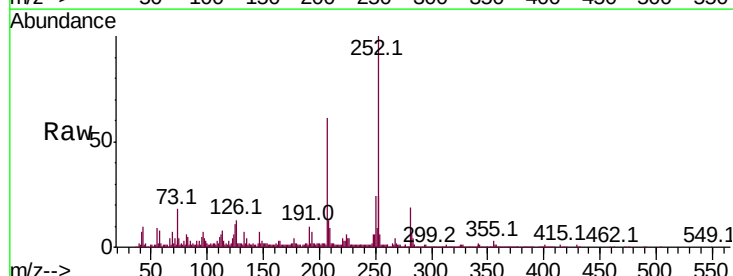
Instrument :
BNA_M
ClientSampleId :
26572-25062-251686RE

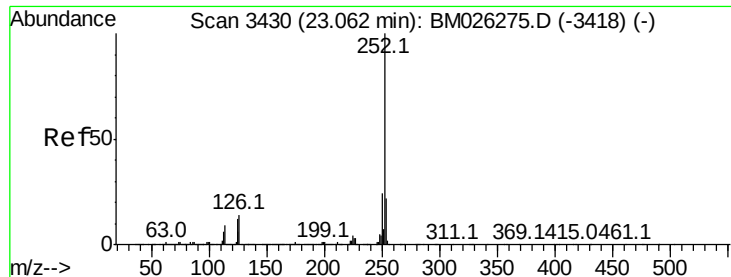
Tot Ion:252 Resp: 572172
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 11.5 7.9 11.9



#89
Benzo(k)fluoranthene
Concen: 11.685 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.04 min
Lab File: BM026292.D
Acq: 08 Jun 2020 18:20

Tgt Ion:252 Resp: 572172
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 11.5 7.8 11.6





#90

Benzo(a)pyrene

Concen: 6.697 ng

RT: 23.06 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Instrument :

BNA_M

ClientSampleId :

26572-25062-251686RE

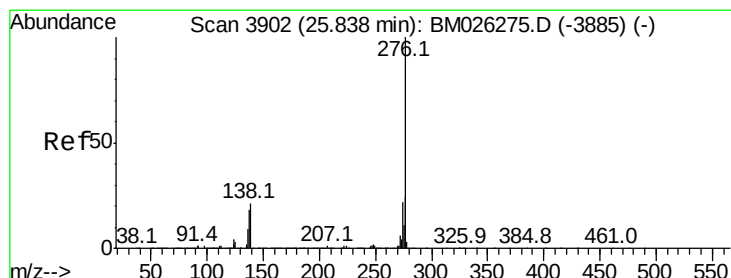
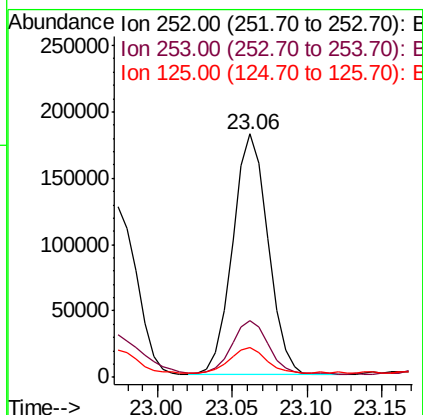
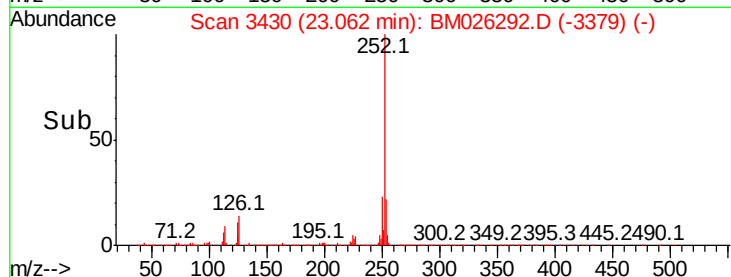
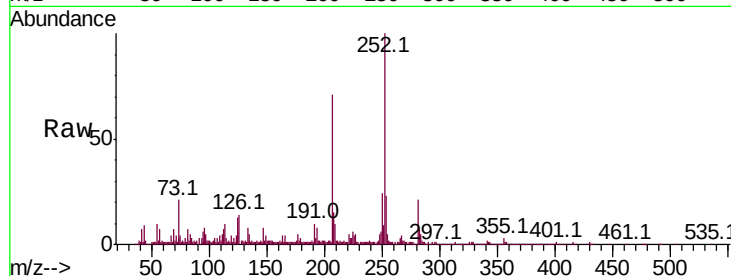
Tot Ion:252 Resp: 299760

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.5 9.4 14.0



#92

Benzo(g,h,i)perylene

Concen: 5.400 ng

RT: 25.83 min Scan# 3901

Delta R.T. 0.00 min

Lab File: BM026292.D

Acq: 08 Jun 2020 18:20

Tgt Ion:276 Resp: 207896

Ion Ratio Lower Upper

276 100

277 24.9 19.3 28.9

138 21.1 16.5 24.7

