

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026401.D
 Acq On : 15 Jun 2020 20:57
 Operator : JU/CG
 Sample : L2997-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 294

Quant Time: Jun 16 00:47:11 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 15 12:22:53 2020
 Response via : Initial Calibration

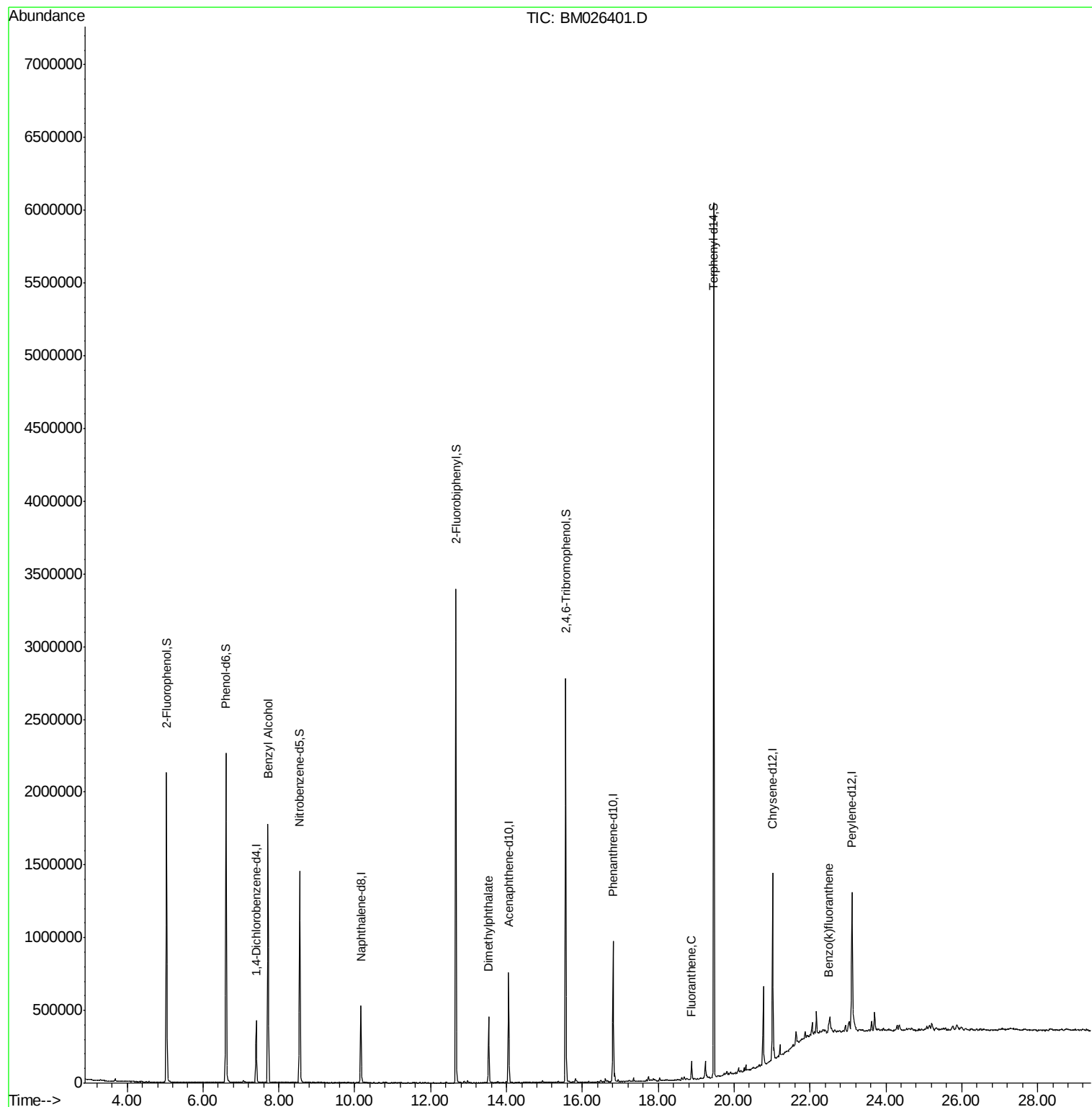
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	99298	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	392020	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	235372	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	506726	20.00	ng	0.00
76) Chrysene-d12	21.02	240	530346	20.00	ng	0.00
86) Perylene-d12	23.11	264	574491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	773861	137.79	ng	0.00
7) Phenol-d6	6.61	99	1101101	135.39	ng	0.00
23) Nitrobenzene-d5	8.55	82	771234	96.60	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	444801	156.01	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1599110	103.13	ng	0.00
79) Terphenyl-d14	19.47	244	2634194	96.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.72	79	13970	2.023	ng	Qvalue # 53
50) Dimethylphthalate	13.53	163	274624	15.952	ng	99
75) Fluoranthene	18.88	202	67759	2.240	ng	96
89) Benzo(k)fluoranthene	22.50	252	67855	2.021	ng	# 91

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

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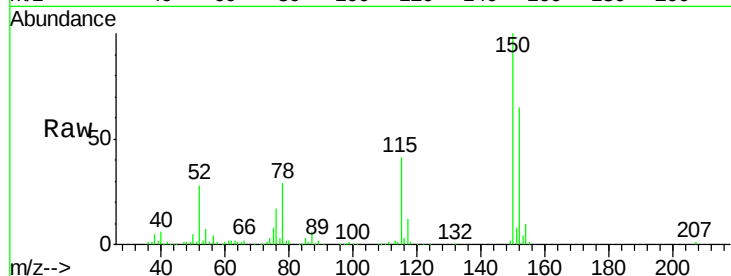


#1

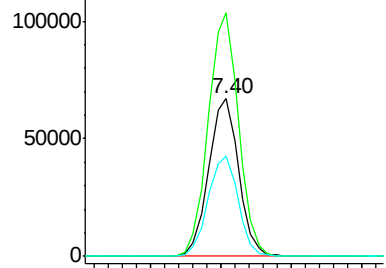
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

Instrument :
BNA_M
ClientSampleId :
294

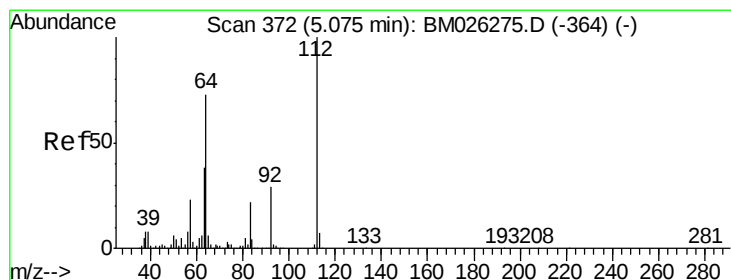
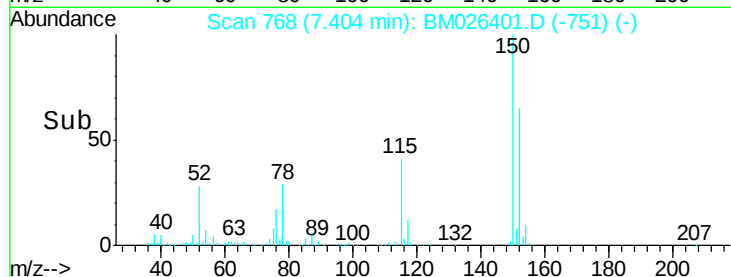
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.8	191.6
115	64.1	51.5	77.3



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



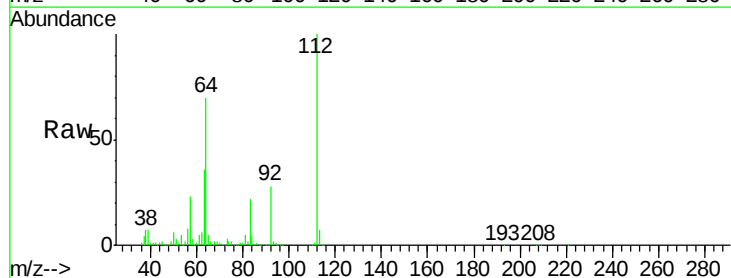
Time-->



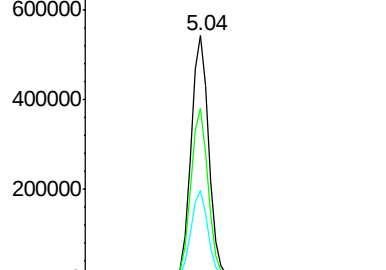
#5

2-Fluorophenol
Concen: 137.789 ng
RT: 5.04 min Scan# 366
Delta R.T. -0.00 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

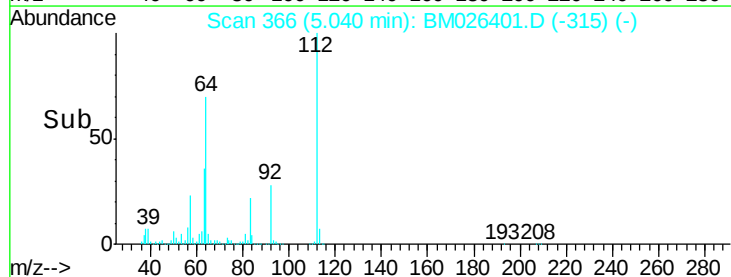
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.0	84.0
63	36.3	29.0	43.6

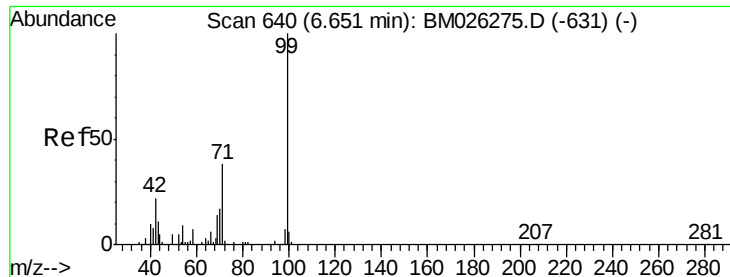


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 135.392 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

Instrument :

BNA_M

ClientSampled :

294

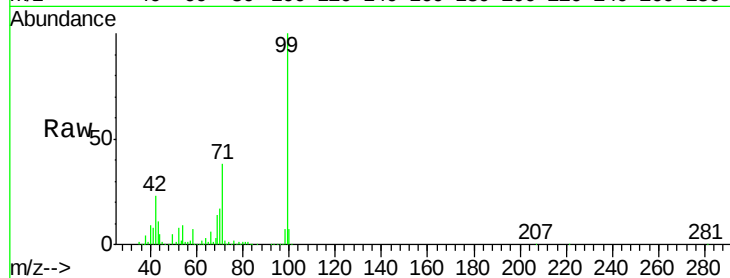
Tot Ion: 99 Resp: 1101101

Ion Ratio Lower Upper

99 100

42 22.6 17.8 26.6

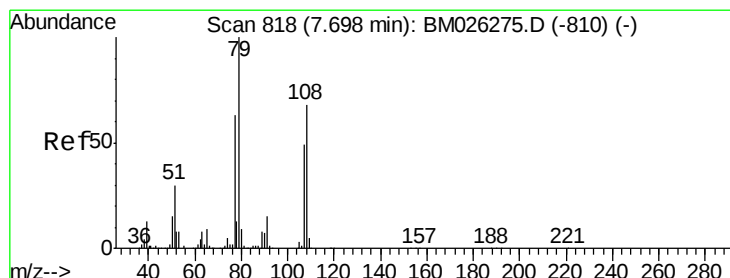
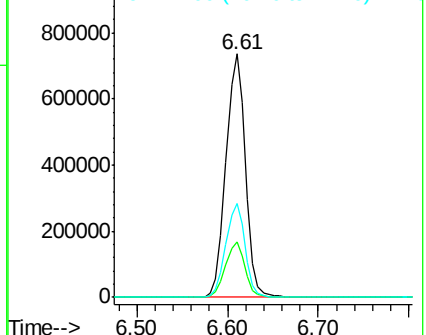
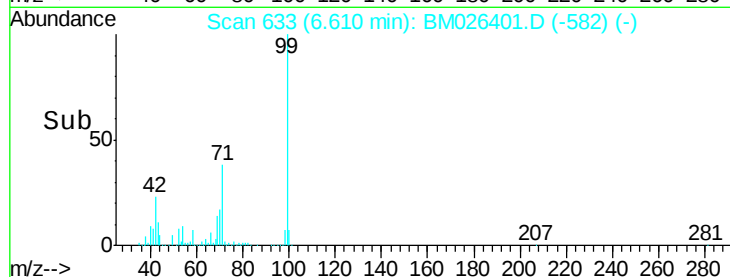
71 38.4 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026401.D (-582) (-)

Ion 42.00 (41.70 to 42.70): BM026401.D (-582) (-)

Ion 71.00 (70.70 to 71.70): BM026401.D (-582) (-)



#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 7.72 min Scan# 821

Delta R.T. 0.06 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

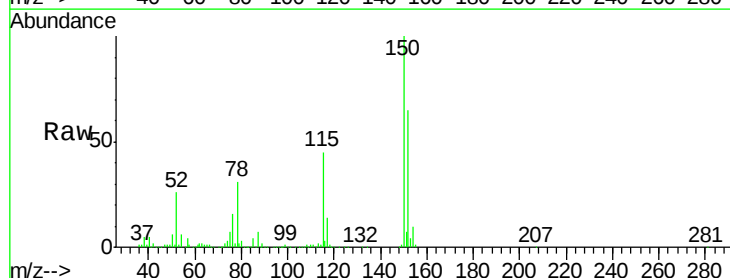
Tgt Ion: 79 Resp: 13970

Ion Ratio Lower Upper

79 100

108 39.3 54.6 82.0#

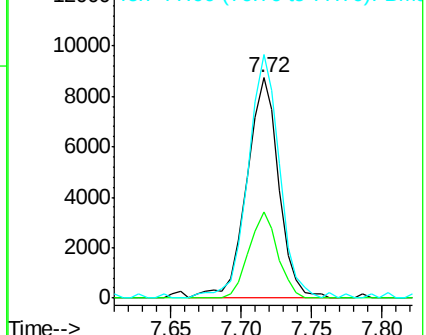
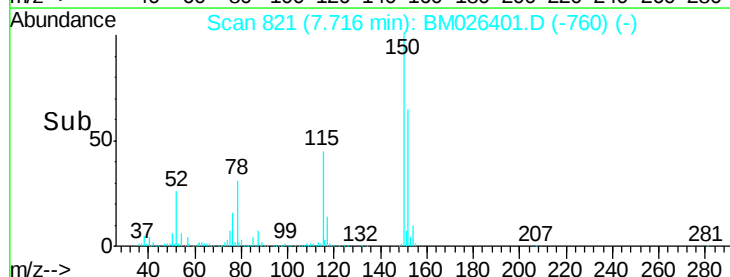
77 110.5 51.0 76.4#

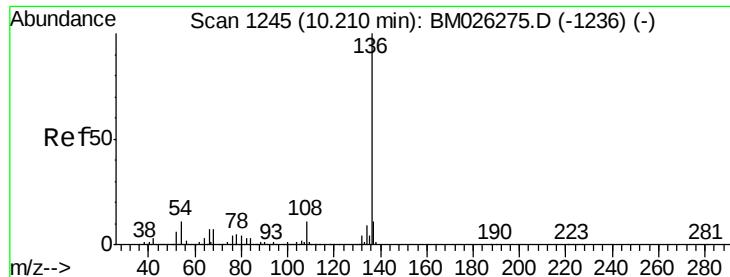


Abundance Ion 79.00 (78.70 to 79.70): BM026401.D (-760) (-)

Ion 108.00 (107.70 to 108.70): BM026401.D (-760) (-)

Ion 77.00 (76.70 to 77.70): BM026401.D (-760) (-)

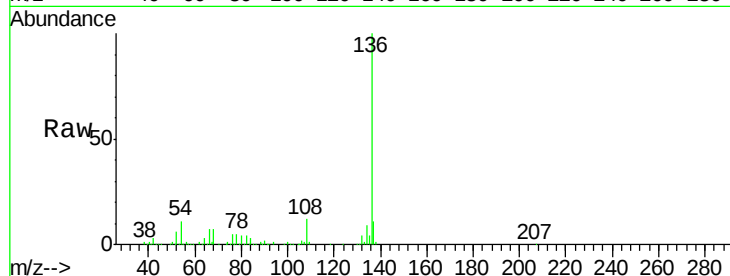




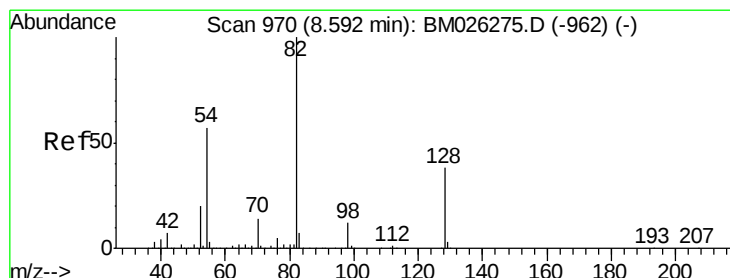
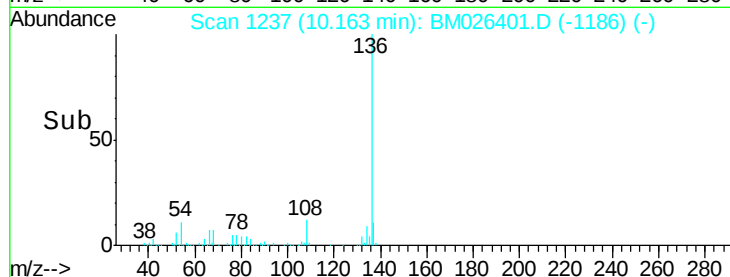
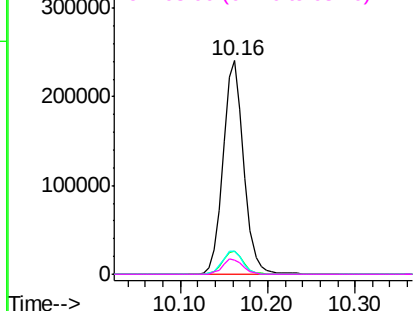
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.16 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

Instrument :
BNA_M
ClientSampleId :
294

Tot Ion:136	Resp:	392020
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.5 12.7
54	11.0	9.0 13.6
68	6.5	5.6 8.4

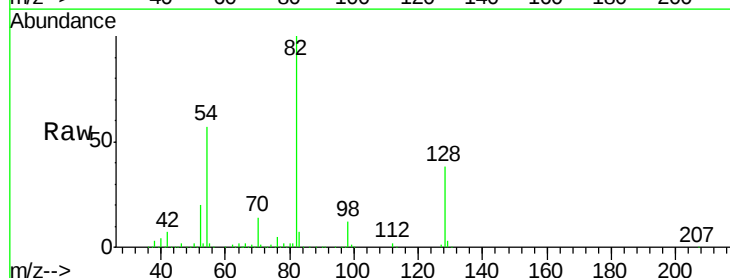


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

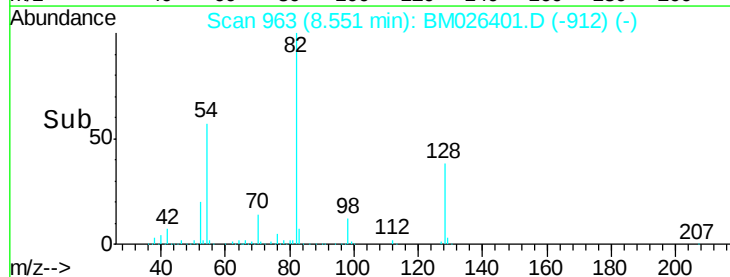
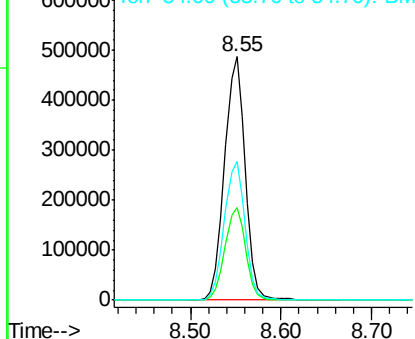


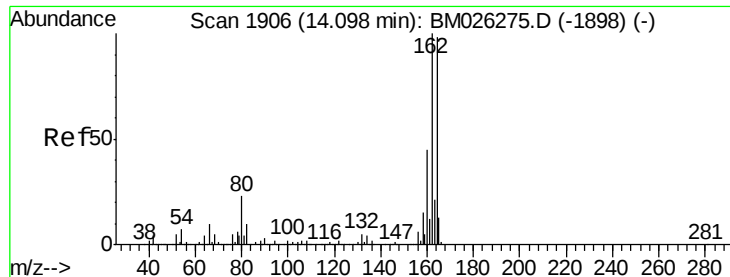
#23
Nitrobenzene-d5
Concen: 96.596 ng
RT: 8.55 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

Tgt Ion: 82	Resp:	771234
Ion	Ratio	Lower Upper
82	100	
128	38.1	31.0 46.6
54	57.1	45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.06 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

Instrument :

BNA_M

ClientSampleId :

294

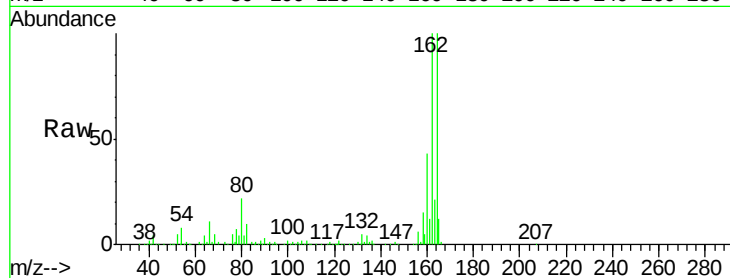
Tot Ion:164 Resp: 235372

Ion Ratio Lower Upper

164 100

162 100.2 77.7 116.5

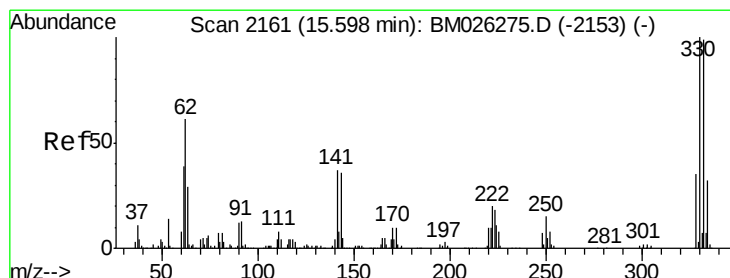
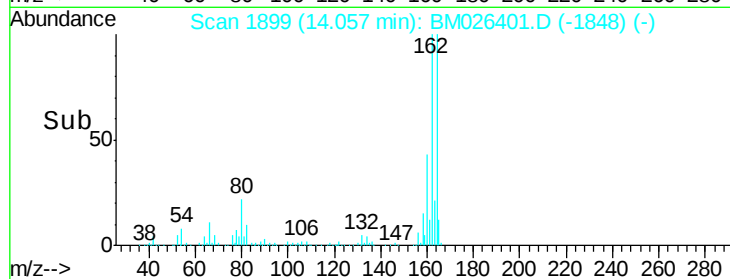
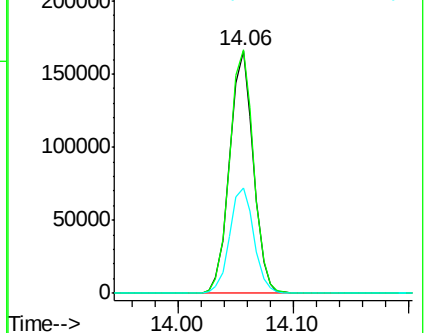
160 43.6 34.2 51.2



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: 156.006 ng

RT: 15.56 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

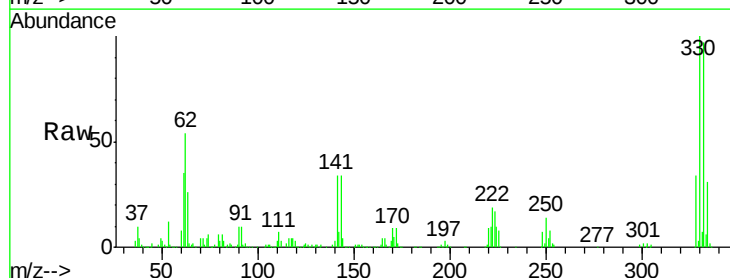
Tgt Ion:330 Resp: 444801

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

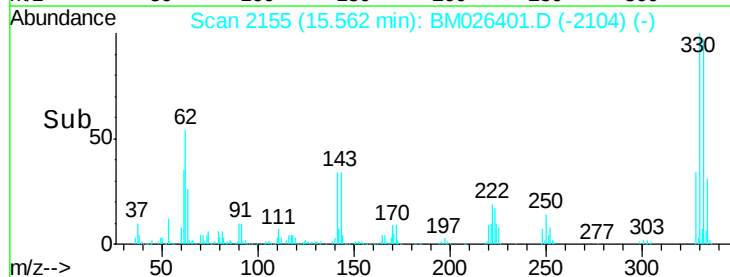
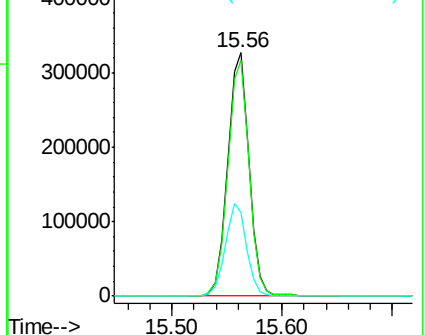
141 37.9 29.7 44.5

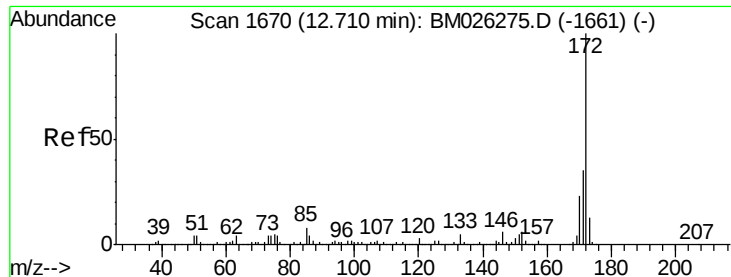


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

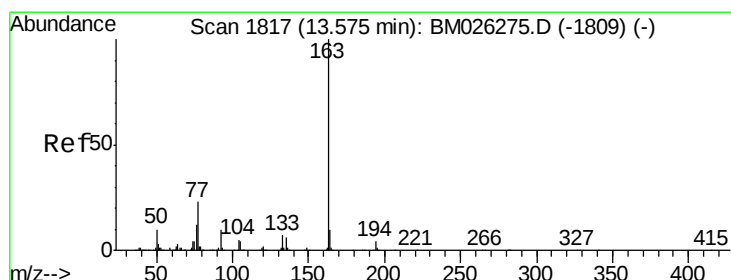
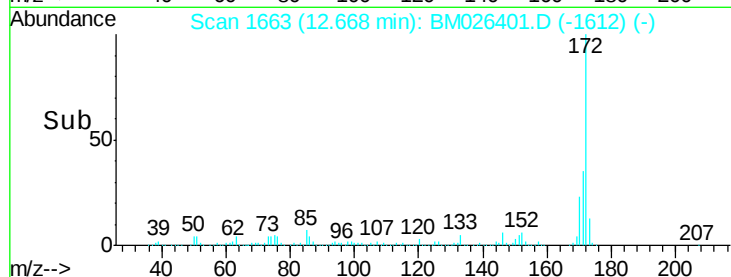
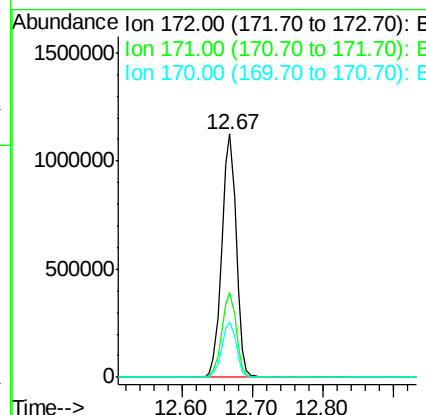
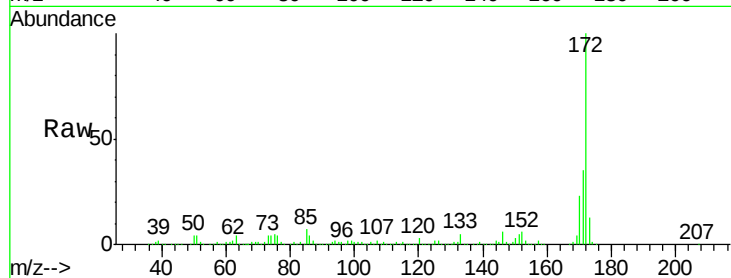




#45
2-Fluorobiphenyl
Concen: 103.130 ng
RT: 12.67 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

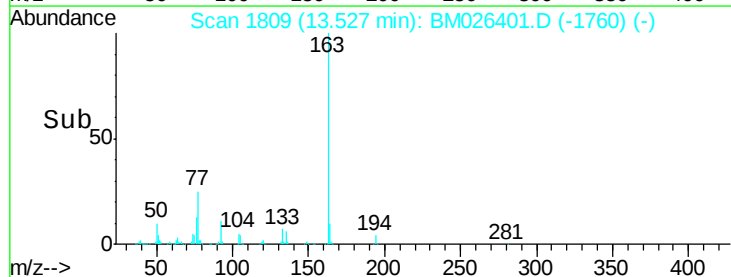
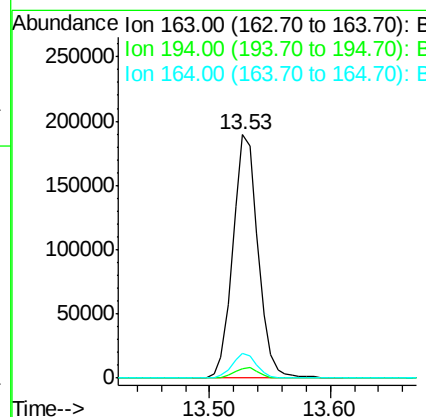
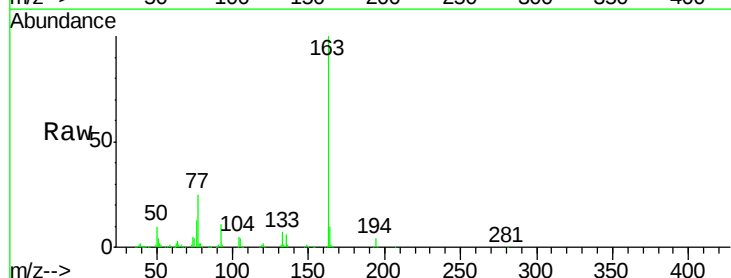
Instrument :
BNA_M
ClientSampleId :
294

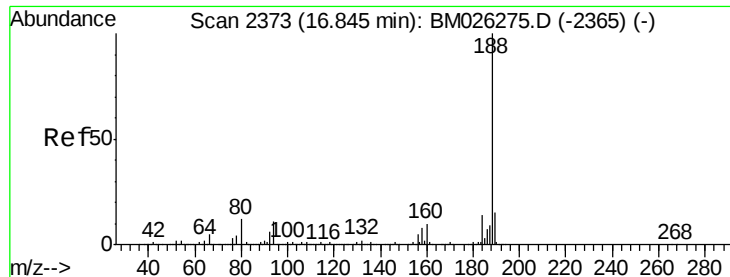
Tot Ion:172 Resp: 1599110
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.8 18.2 27.4



#50
Dimethylphthalate
Concen: 15.952 ng
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

Tgt Ion:163 Resp: 274624
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.81 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

Instrument :

BNA_M

ClientSampleId :

294

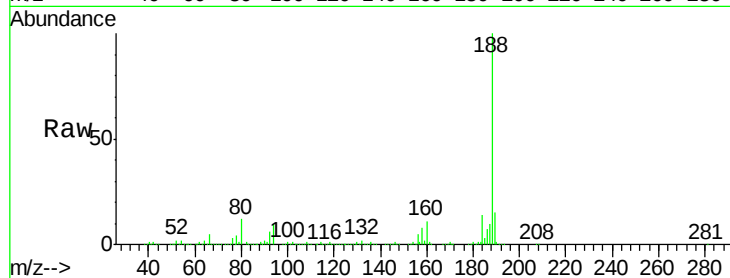
Tot Ion:188 Resp: 506726

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

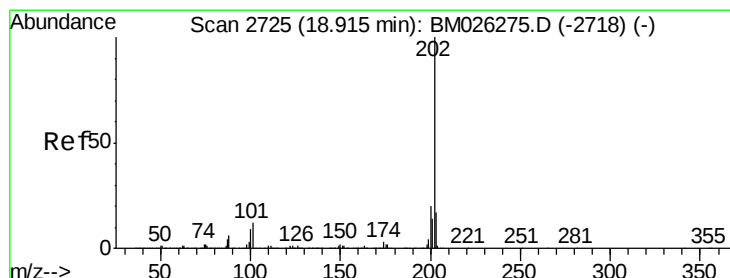
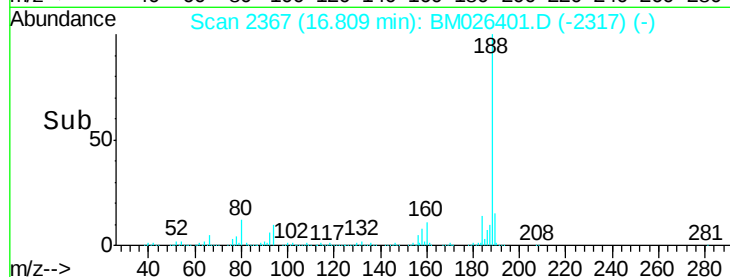
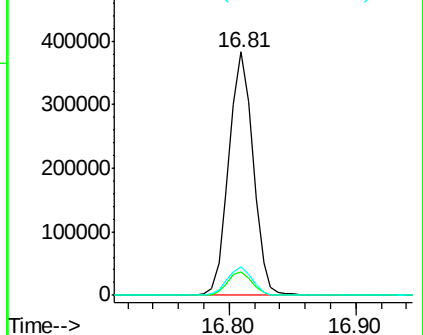
80 11.7 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Fluoranthene

Concen: 2.240 ng

RT: 18.88 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

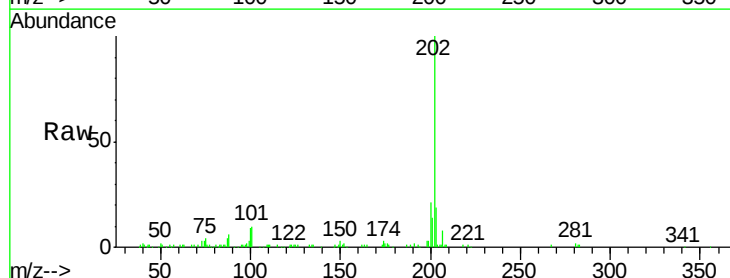
Tgt Ion:202 Resp: 67759

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.9

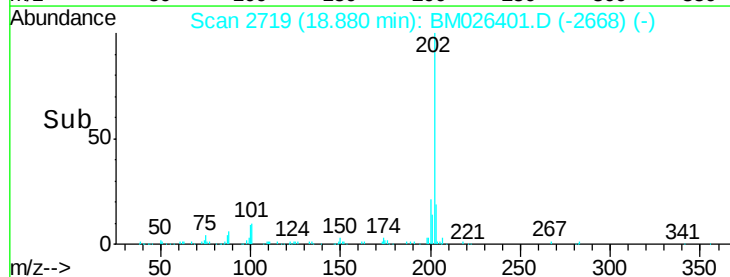
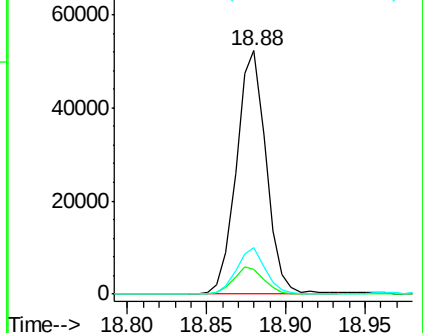
203 19.1 0.0 37.5

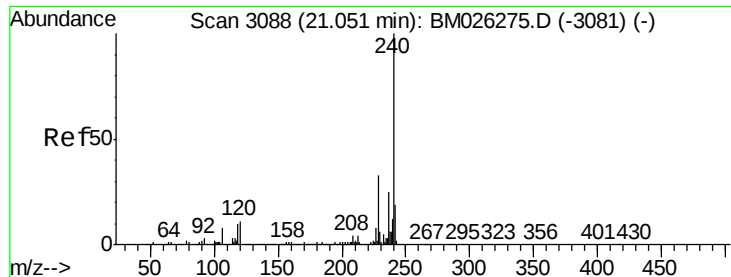


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

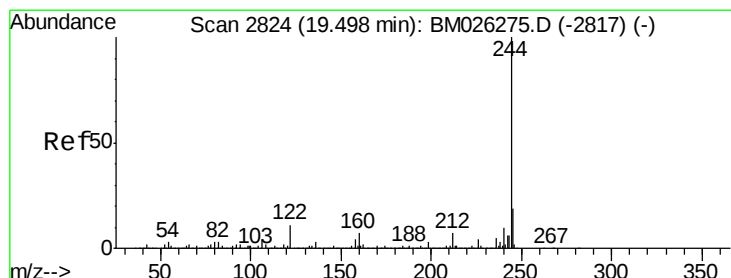
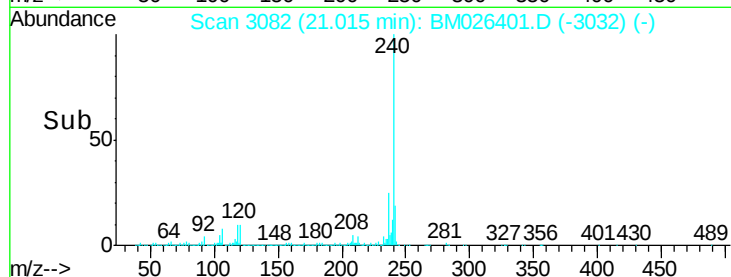
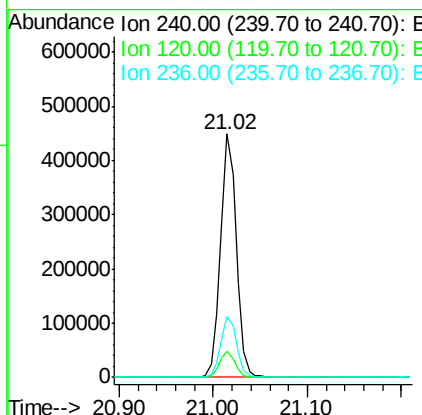
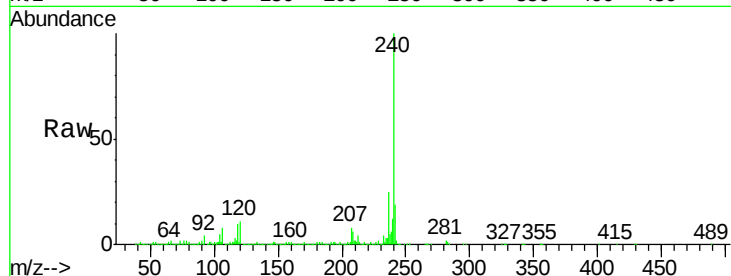




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

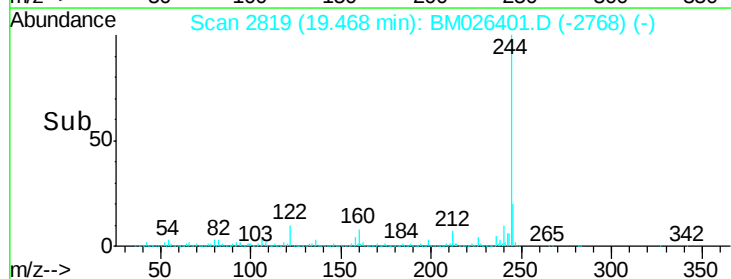
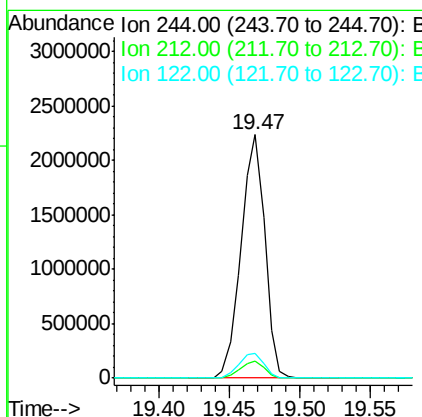
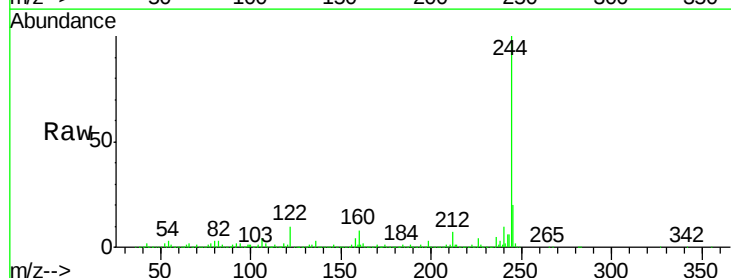
Instrument :
BNA_M
ClientSampleId :
294

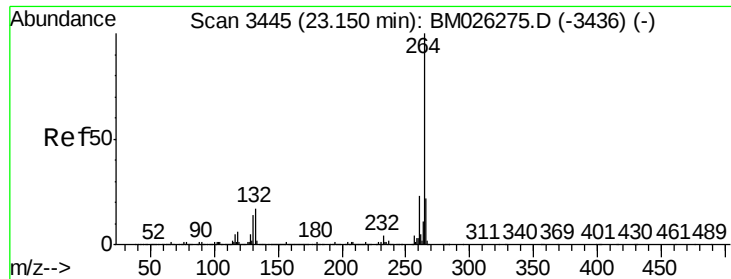
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.3	13.9
236	25.0	19.4	29.0



#79
Terphenyl-d14
Concen: 96.417 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM026401.D
Acq: 15 Jun 2020 20:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.1	8.6	13.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

Instrument :

BNA_M

ClientSampleId :

294

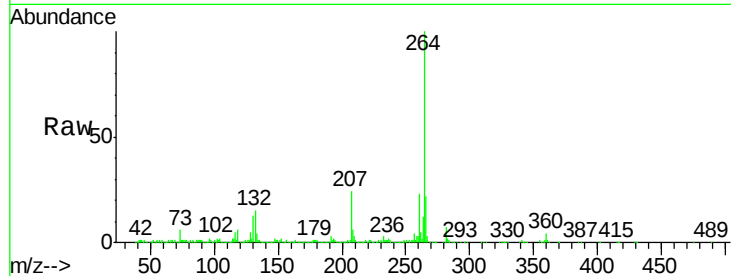
Tot Ion:264 Resp: 574491

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

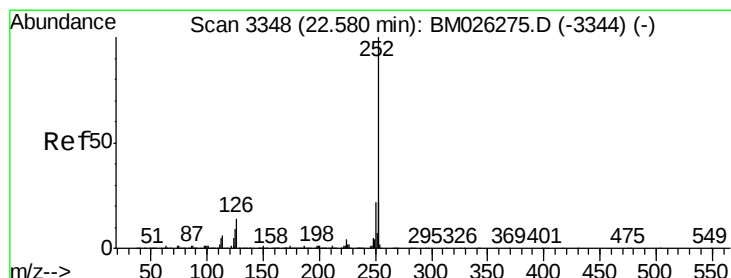
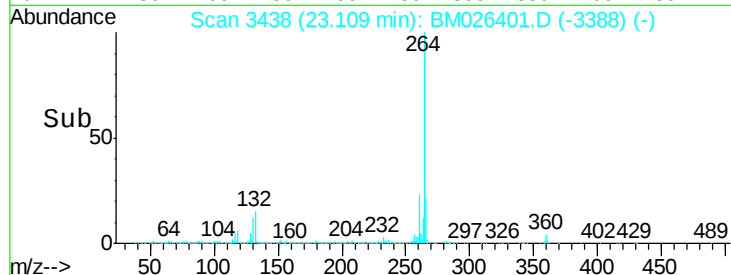
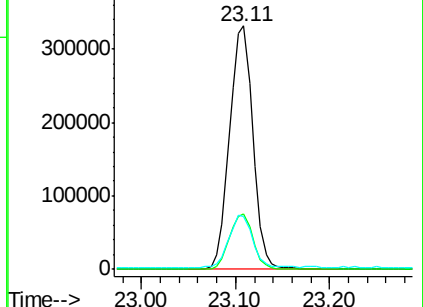
265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#89

Benzo(k)fluoranthene

Concen: 2.021 ng

RT: 22.50 min Scan# 3334

Delta R.T. -0.05 min

Lab File: BM026401.D

Acq: 15 Jun 2020 20:57

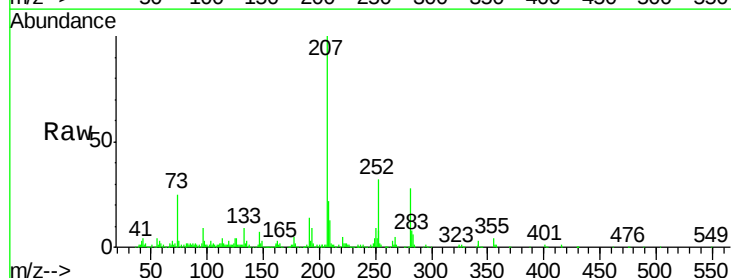
Tgt Ion:252 Resp: 67855

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 13.8 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

