

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026849.D
 Acq On : 23 Jul 2020 13:51
 Operator : JU/CG
 Sample : L3360-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 23 14:25:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

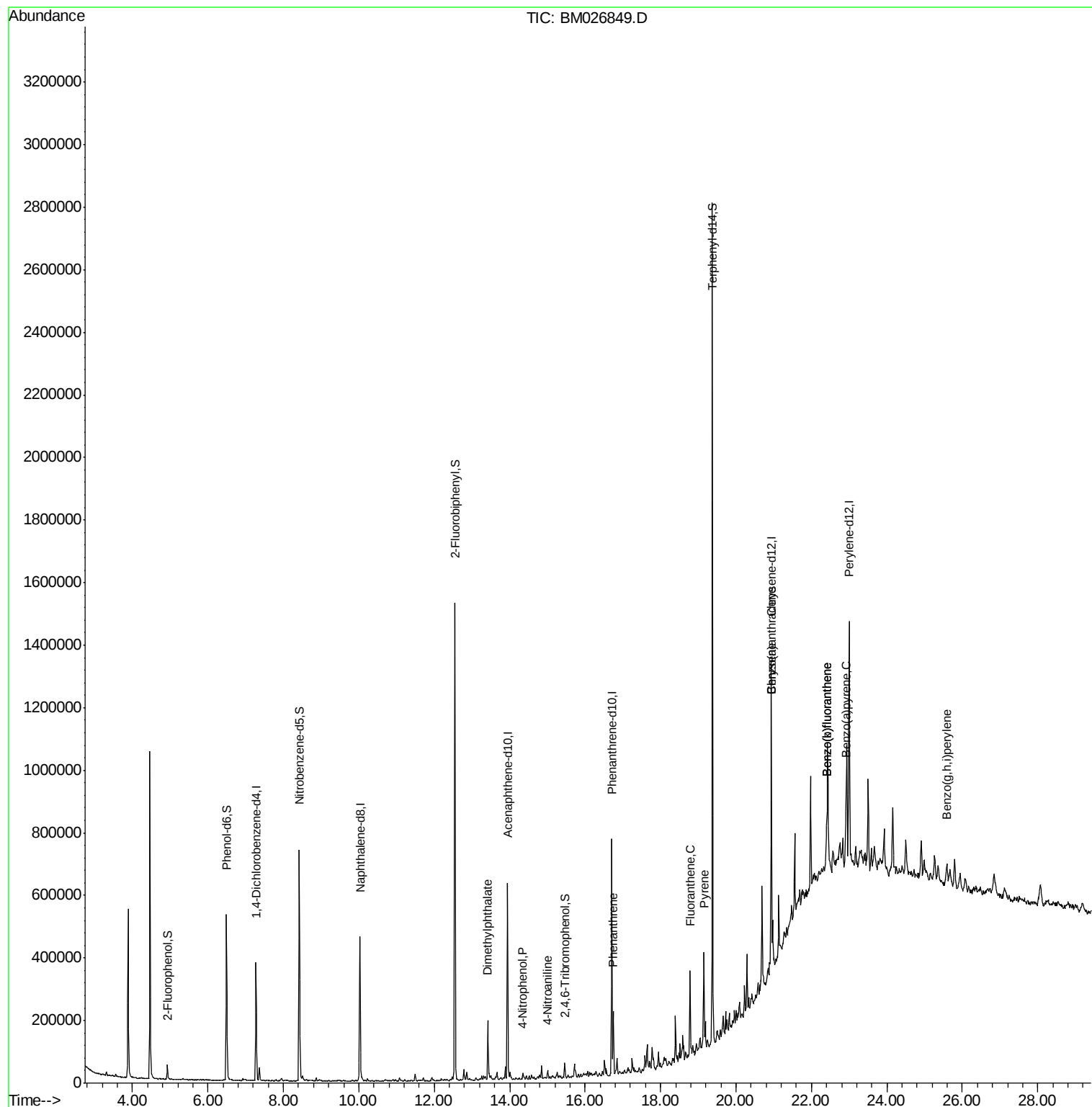
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	82748	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	315682	20.00	ng	-0.02
39) Acenaphthene-d10	13.94	164	180994	20.00	ng	-0.02
64) Phenanthrene-d10	16.71	188	376148	20.00	ng	-0.02
76) Chrysene-d12	20.94	240	404348	20.00	ng	-0.01
86) Perylene-d12	23.00	264	440082	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	16441	3.33	ng	-0.02
7) Phenol-d6	6.49	99	247201	31.43	ng	-0.02
23) Nitrobenzene-d5	8.42	82	381212	51.52	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	5534	2.10	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	693357	50.94	ng	-0.02
79) Terphenyl-d14	19.38	244	977499	47.58	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.42	163	106558	6.883	ng	99
56) 4-Nitrophenol	14.35	139	3043	4.875	ng	# 3
62) 4-Nitroaniline	15.01	138	57	3.155	ng	# 6
71) Phenanthrene	16.75	178	105866	4.767	ng	99
75) Fluoranthene	18.78	202	146531	5.358	ng	98
78) Pyrene	19.15	202	165901	6.513	ng	99
81) Benzo(a)anthracene	20.92	228	86202	3.174	ng	96
83) Chrysene	20.92	228	86202	3.261	ng	98
88) Benzo(b)fluoranthene	22.40	252	132671	4.575	ng	# 86
89) Benzo(k)fluoranthene	22.40	252	132671	4.664	ng	# 86
90) Benzo(a)pyrene	22.91	252	80396	2.987	ng	# 87
92) Benzo(a,h,i)perylene	25.58	276	52085	2.137	ng	# 93

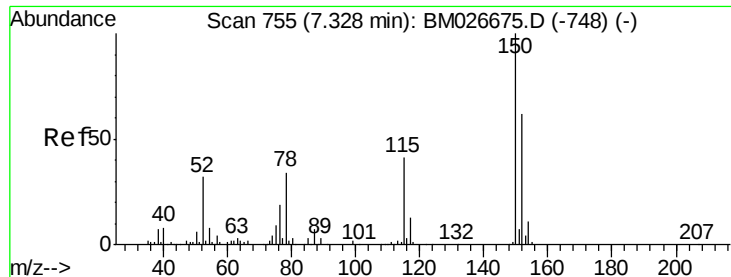
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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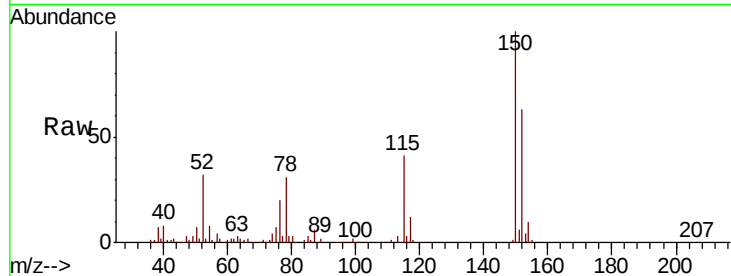


#1

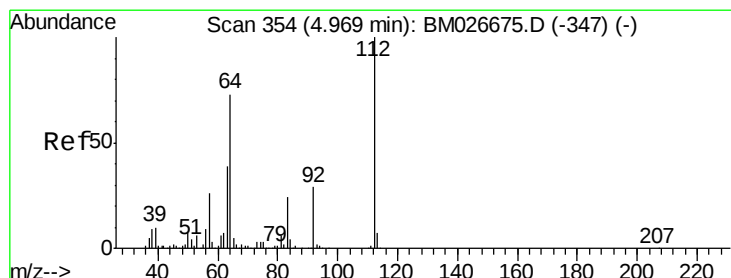
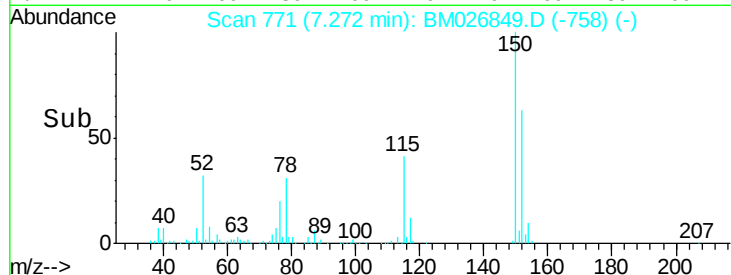
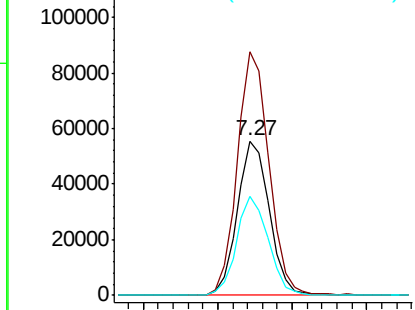
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 82748
Ion Ratio Lower Upper
152 100
150 157.6 128.1 192.1
115 64.0 52.2 78.4



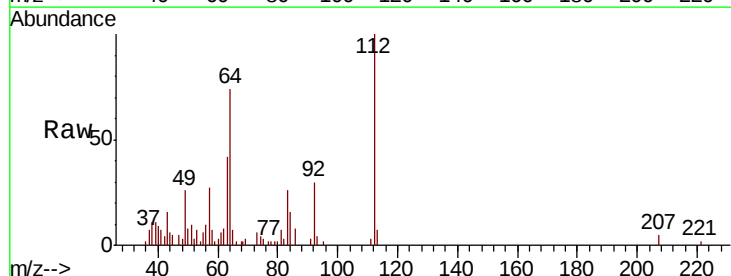
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



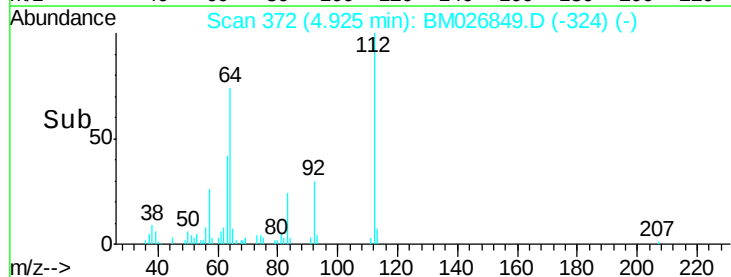
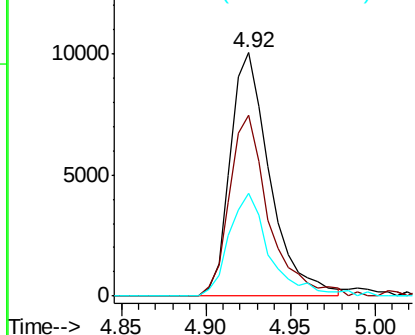
#5

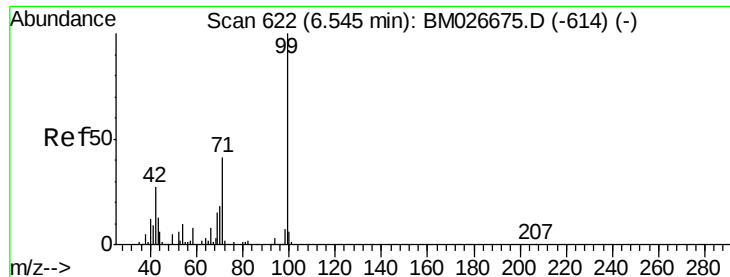
2-Fluorophenol
Concen: 3.330 ng
RT: 4.92 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion:112 Resp: 16441
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 42.3 31.5 47.3



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: 31.427 ng

RT: 6.49 min Scan# 638

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Instrument :

BNA_M

ClientSampleId :

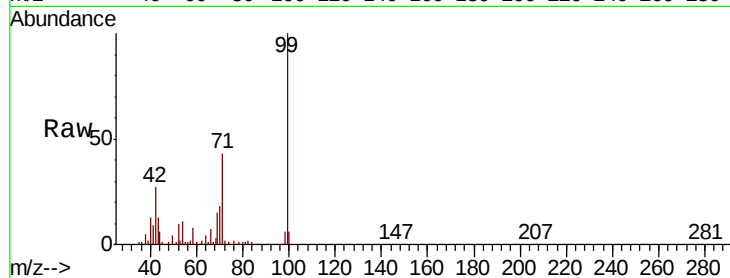
Tot Ion: 99 Resp: 247201

Ion Ratio Lower Upper

99 100

42 26.7 21.7 32.5

71 43.1 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)

6.49

200000

150000

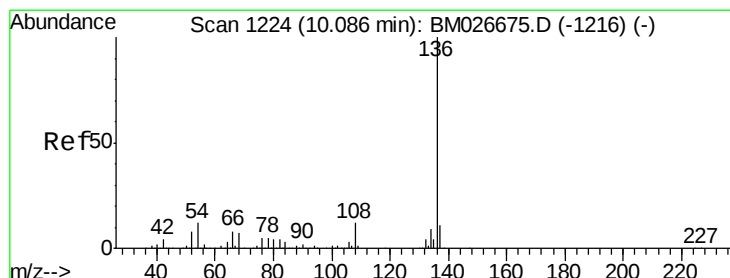
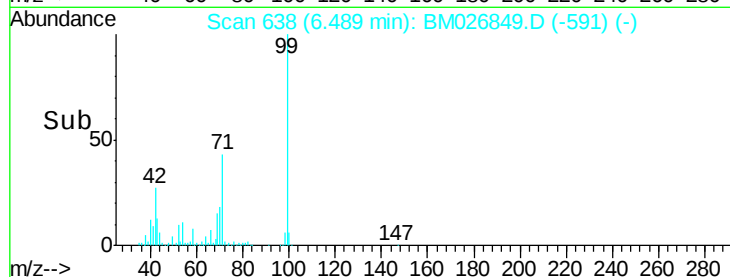
100000

50000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Tgt Ion: 136 Resp: 315682

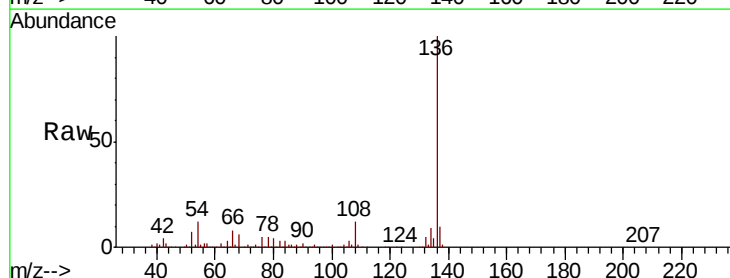
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 11.7 9.8 14.6

68 6.2 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

10.03

300000

250000

200000

150000

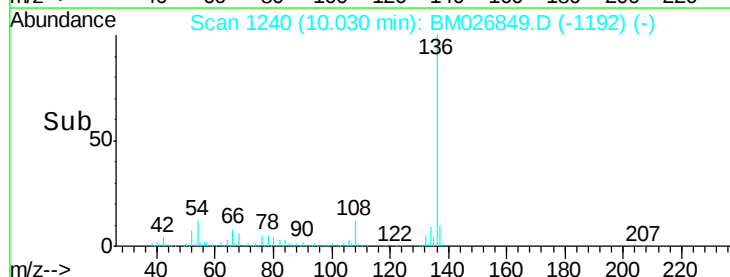
100000

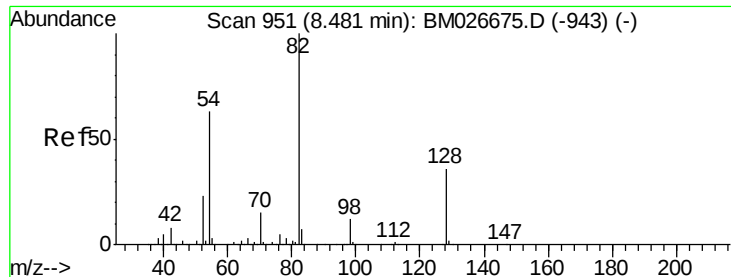
50000

0

10.00 10.10

Time-->

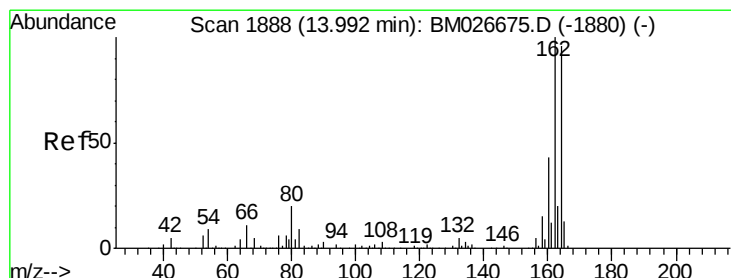
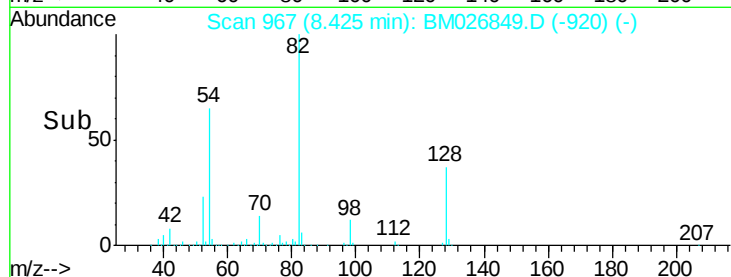
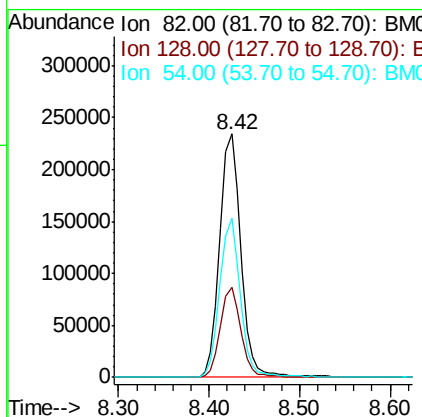
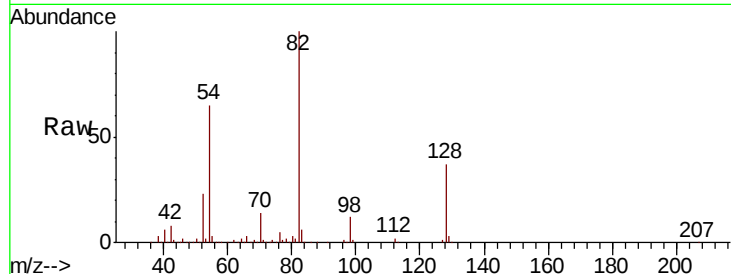




#23
Nitrobenzene-d5
Concen: 51.519 ng
RT: 8.42 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

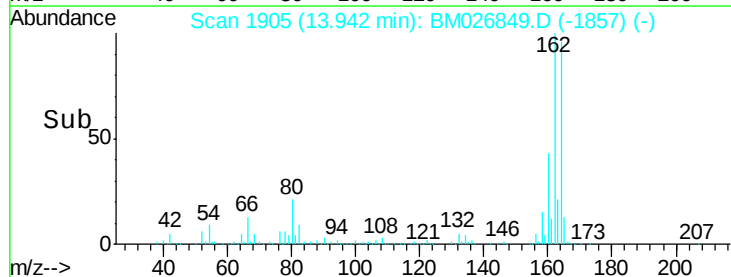
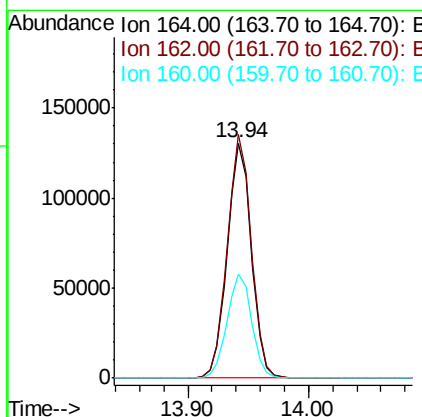
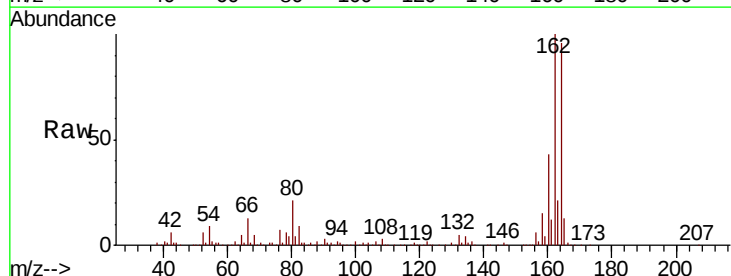
Instrument :
BNA_M
ClientSampleId :

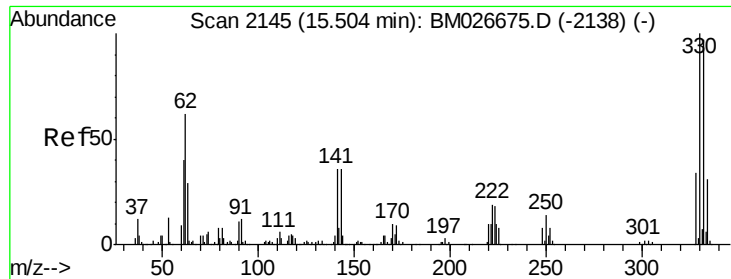
Tot Ion	82	Resp	381212
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.1	43.7
54	65.5	50.2	75.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	164	Resp	180994
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.7	125.5
160	44.4	36.2	54.2

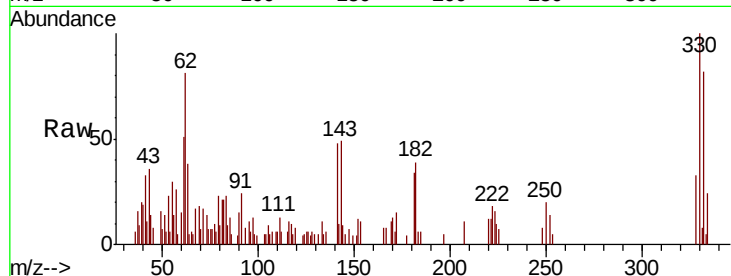




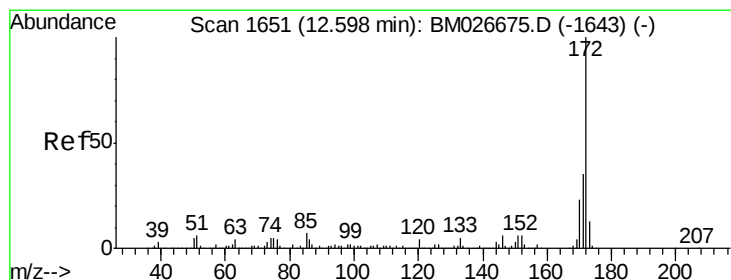
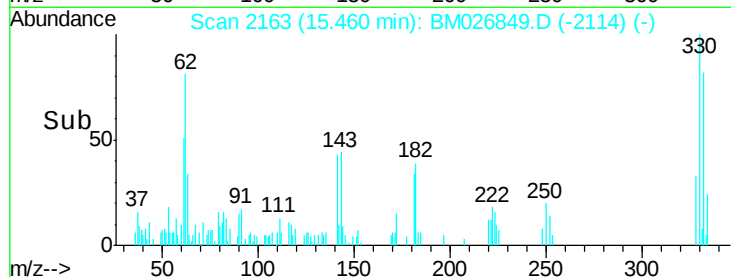
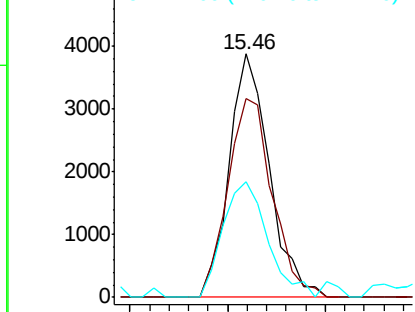
#42
 2,4,6-Tribromophenol
 Concen: 2.099 ng
 RT: 15.46 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 5534
 Ion Ratio Lower Upper
 330 100
 332 90.6 77.5 116.3
 141 53.0 32.4 48.6#

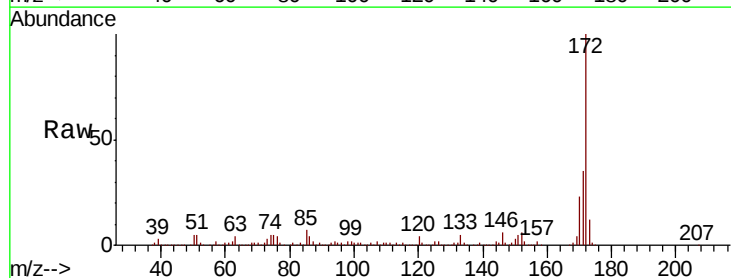


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

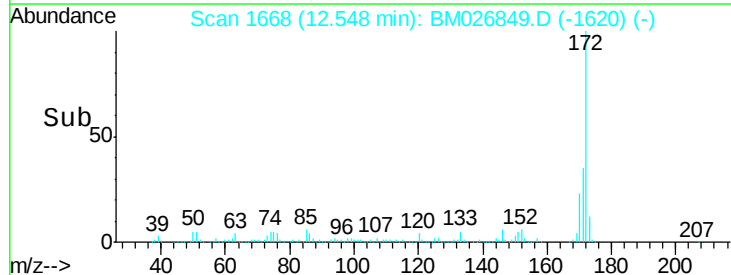
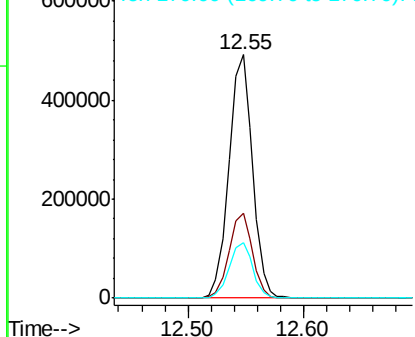


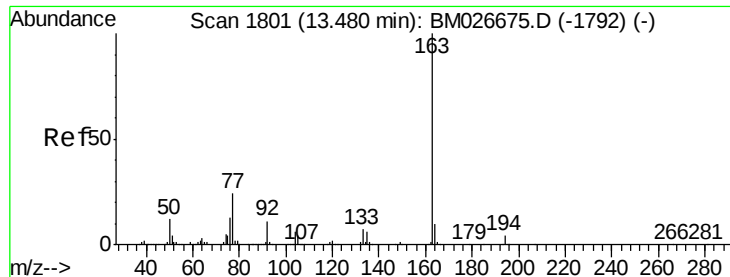
#45
 2-Fluorobiphenyl
 Concen: 50.936 ng
 RT: 12.55 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Tgt Ion:172 Resp: 693357
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.6
 170 22.7 18.5 27.7



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: 6.883 ng

RT: 13.42 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Instrument :

BNA_M

ClientSampleId :

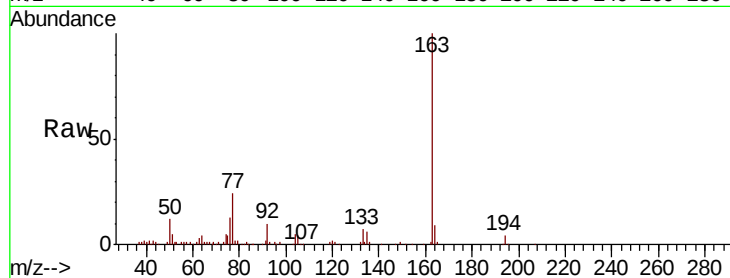
Tot Ion:163 Resp: 106558

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

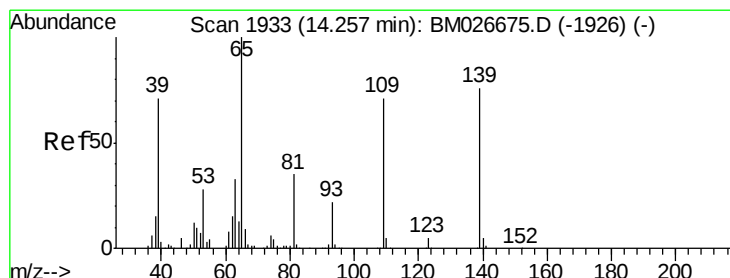
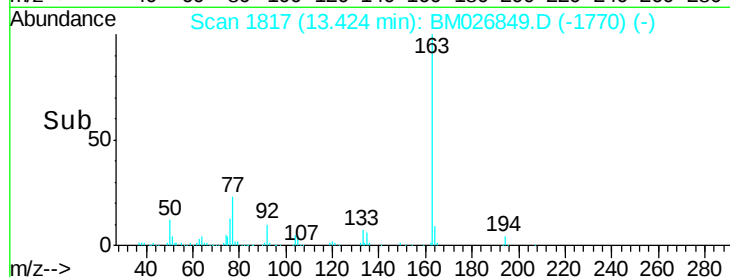
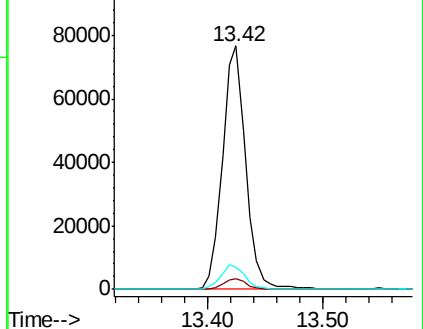
164 9.1 7.8 11.6



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



#56

4-Nitrophenol

Concen: 4.875 ng

RT: 14.35 min Scan# 1975

Delta R.T. 0.12 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

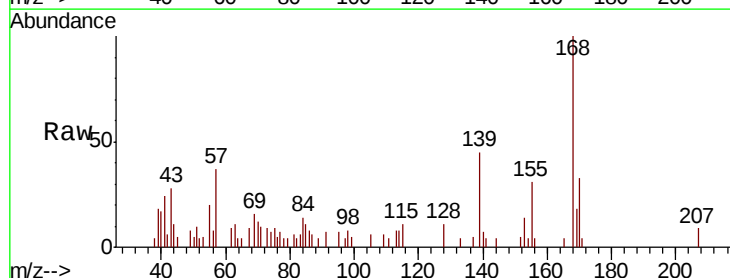
Tgt Ion:139 Resp: 3043

Ion Ratio Lower Upper

139 100

109 12.6 73.7 113.7#

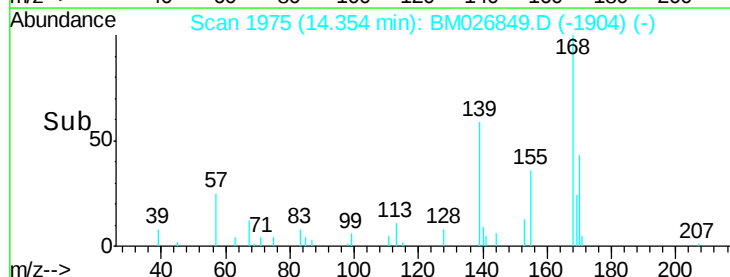
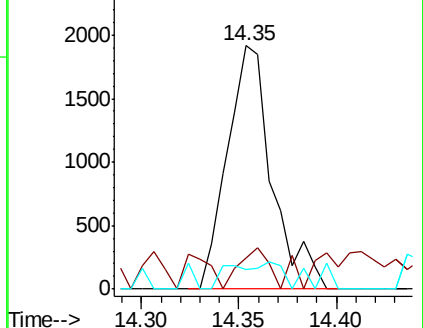
65 7.9 111.5 151.5#

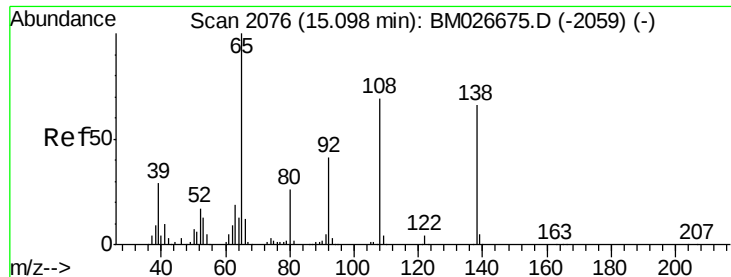


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#62

4-Nitroaniline

Concen: 3.155 ng

RT: 15.01 min Scan# 2087

Delta R.T. -0.06 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Instrument :

BNA_M

ClientSampled :

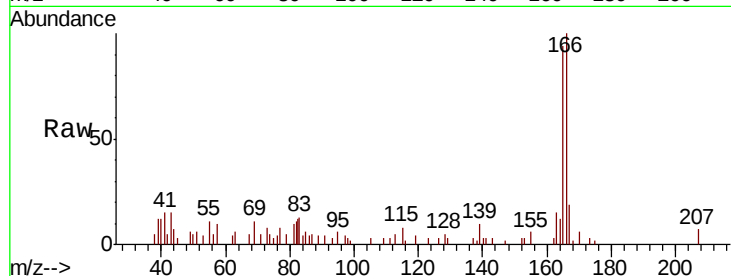
Tot Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

92 0.0 41.5 81.5#

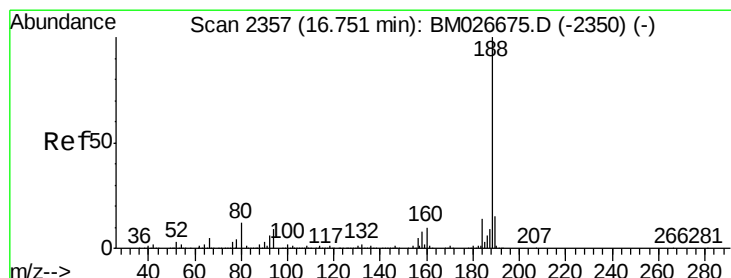
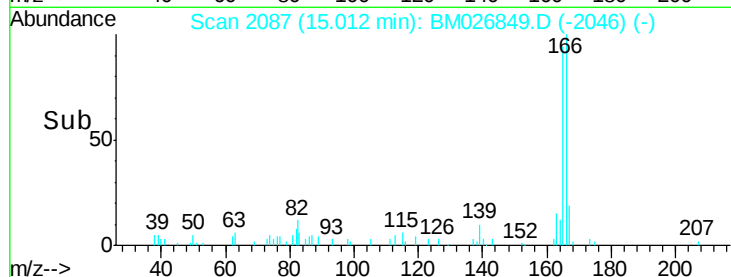
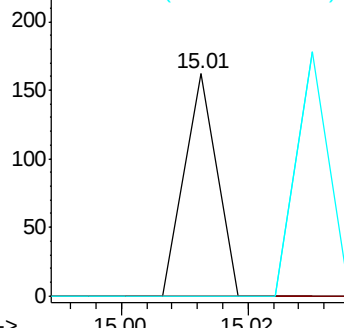
108 0.0 84.8 124.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.71 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

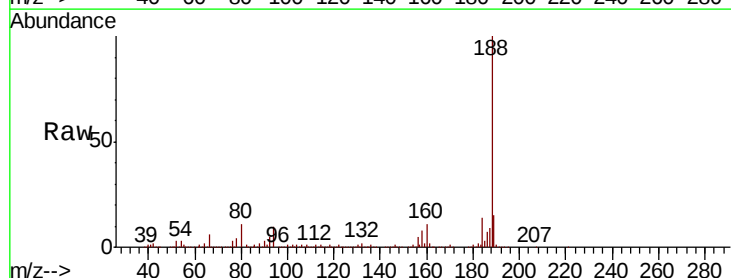
Tgt Ion:188 Resp: 376148

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

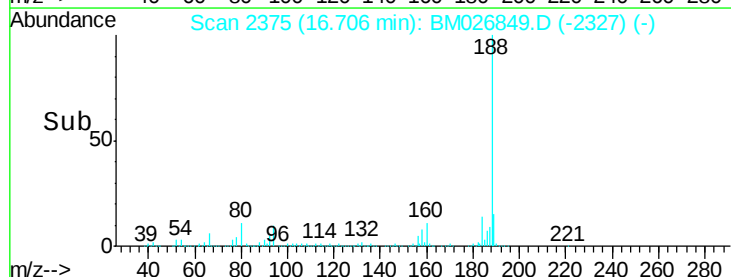
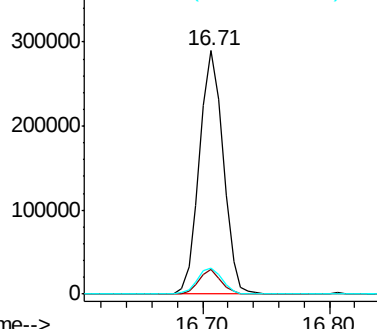
80 10.7 9.3 13.9

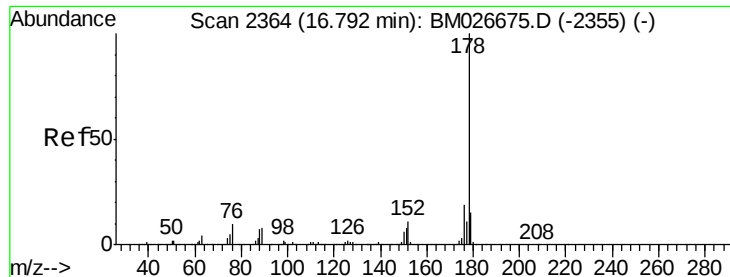


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

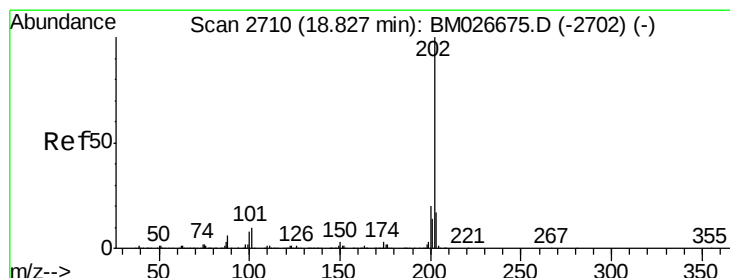
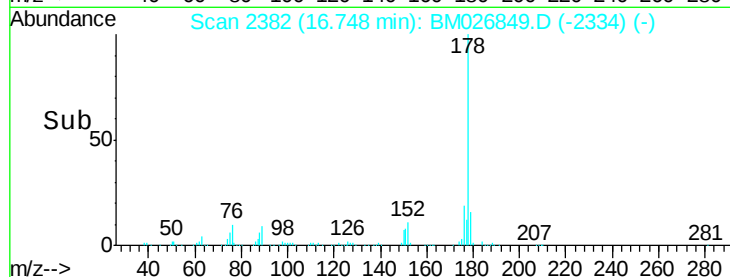
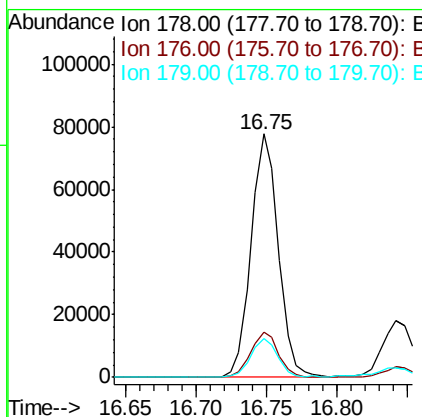
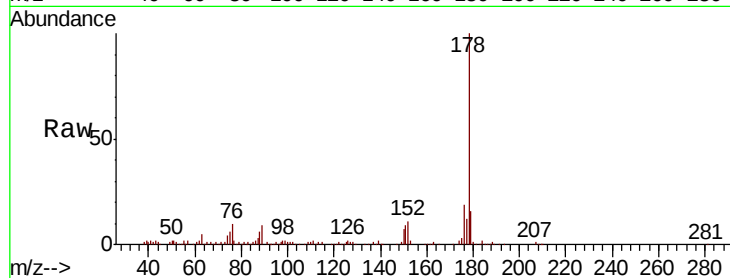




#71
Phenanthrene
Concen: 4.767 ng
RT: 16.75 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

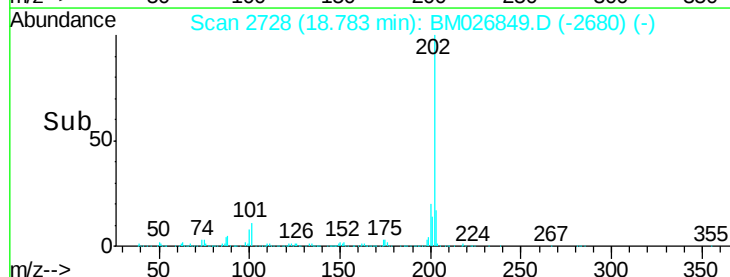
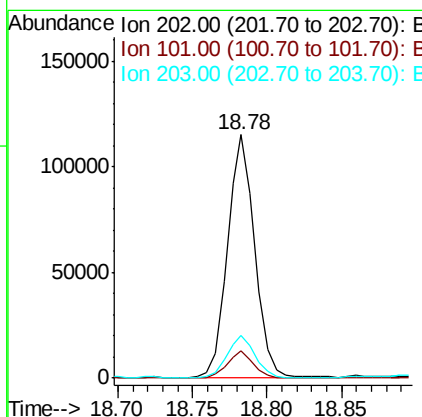
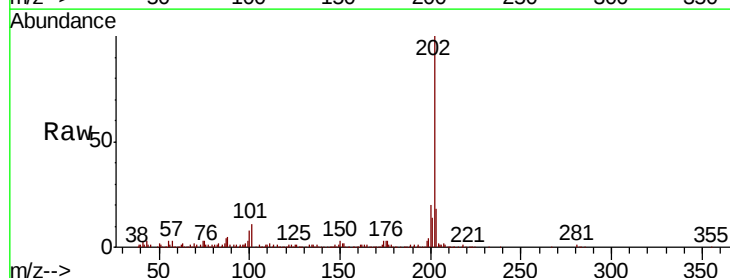
Instrument :
BNA_M
ClientSampleId :

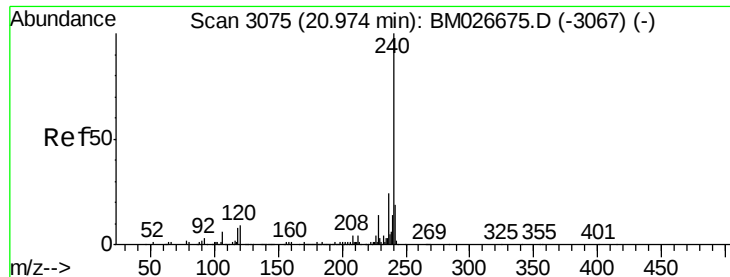
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.0	12.1	18.1



#75
Fluoranthene
Concen: 5.358 ng
RT: 18.78 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.1
203	17.5	0.0	37.2

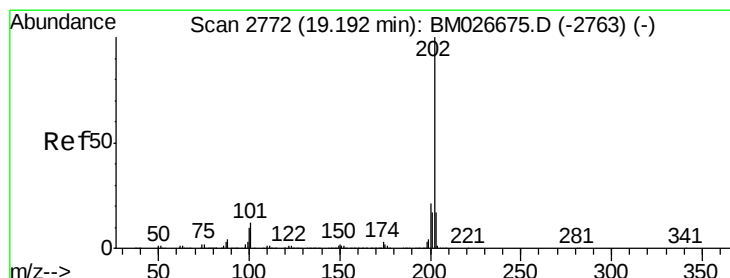
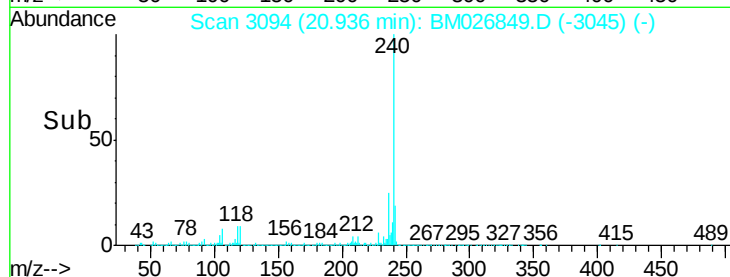
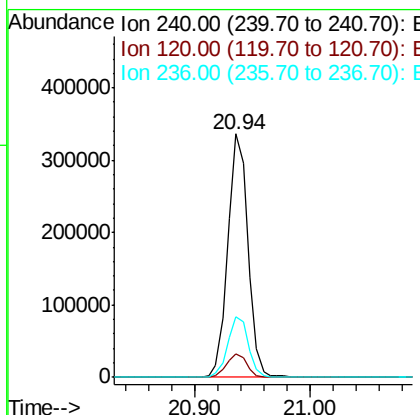
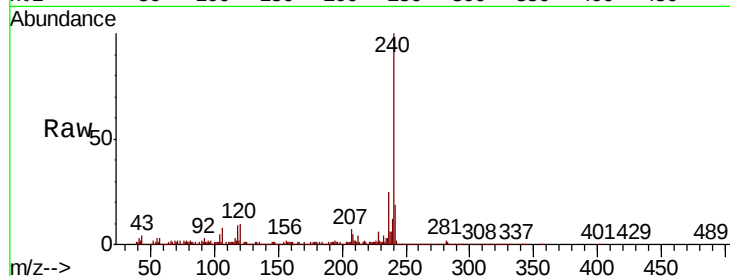




#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

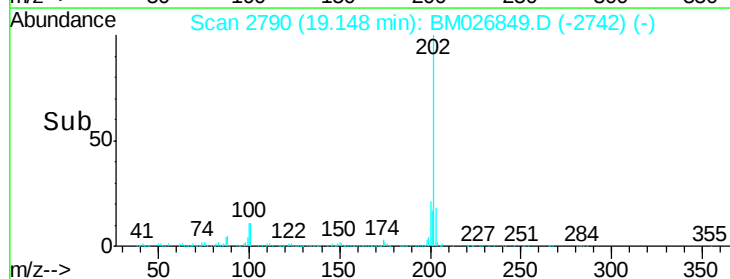
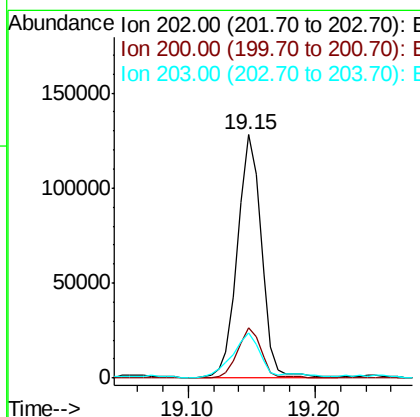
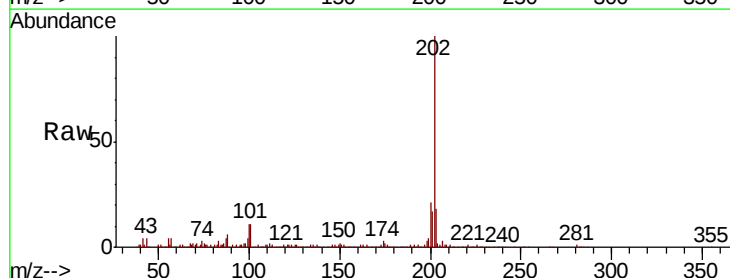
Instrument :
BNA_M
ClientSampleId :

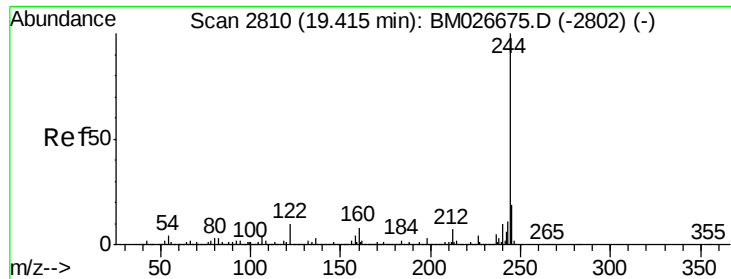
Tot Ion:240 Resp: 404348
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 24.8 19.4 29.2



#78
Pyrene
Concen: 6.513 ng
RT: 19.15 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion:202 Resp: 165901
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.3 13.7 20.5

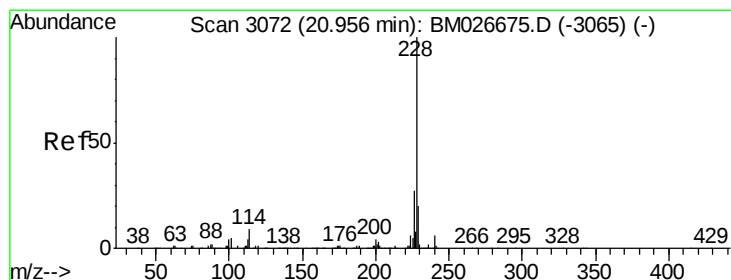
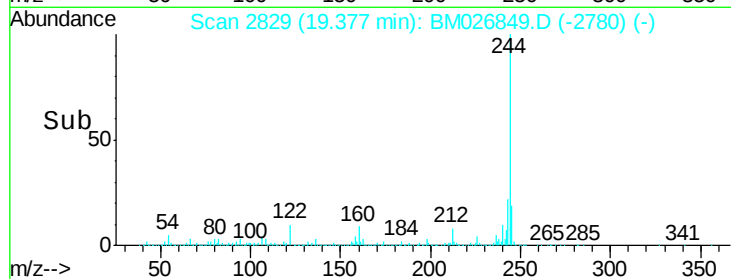
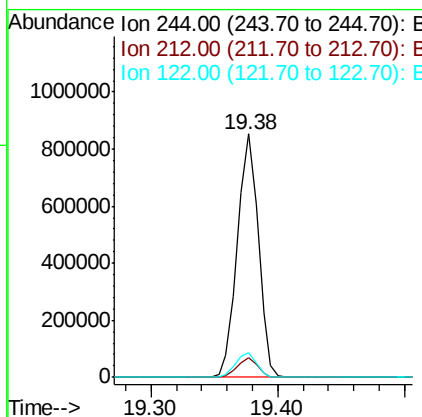
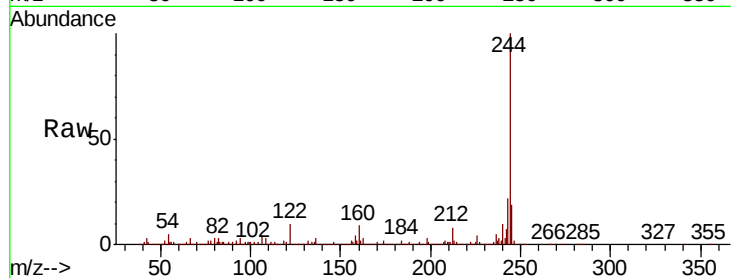




#79
 Terphenyl-d14
 Concen: 47.576 ng
 RT: 19.38 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

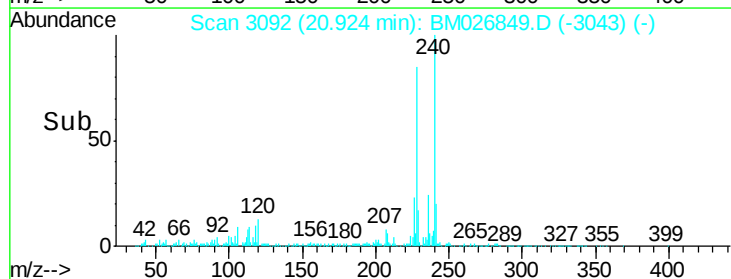
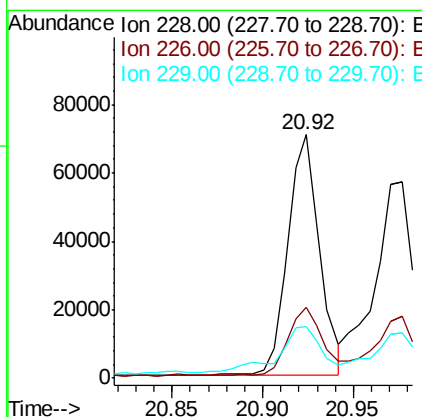
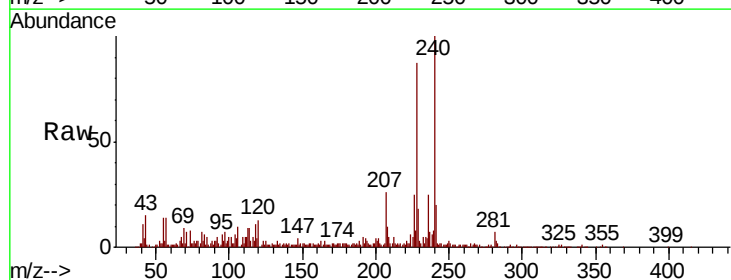
Instrument :
 BNA_M
 ClientSampled :

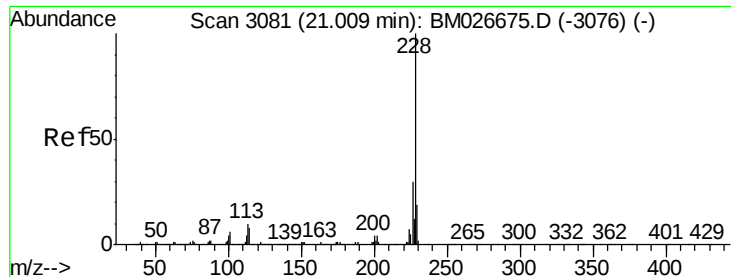
Tot Ion:244 Resp: 977499
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.2 8.2 12.4



#81
 Benzo(a)anthracene
 Concen: 3.174 ng
 RT: 20.92 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM026849.D
 Acq: 23 Jul 2020 13:51

Tgt Ion:228 Resp: 86202
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.4 32.2
 229 21.0 15.6 23.4

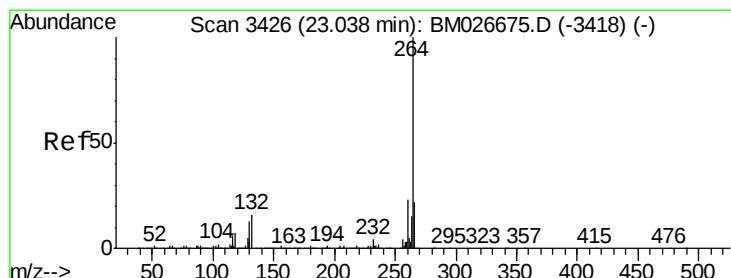
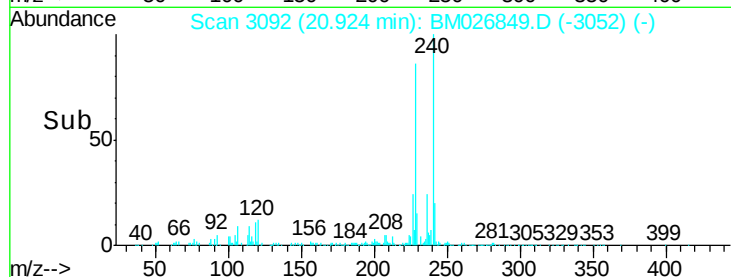
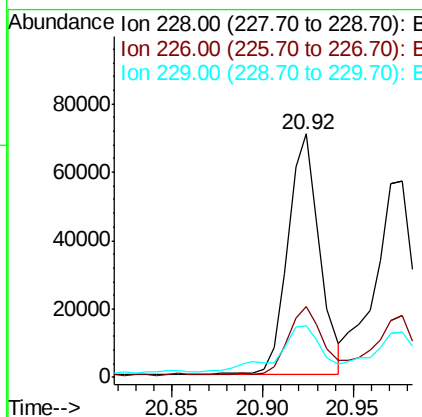
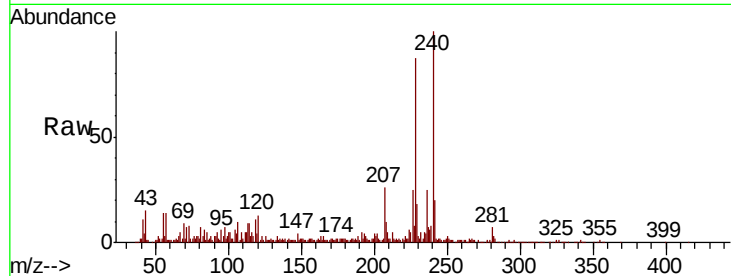




#83
Chrysene
Concen: 3.261 ng
RT: 20.92 min Scan# 3092
Delta R.T. -0.06 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

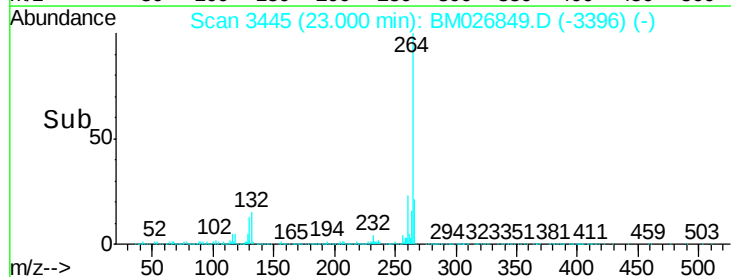
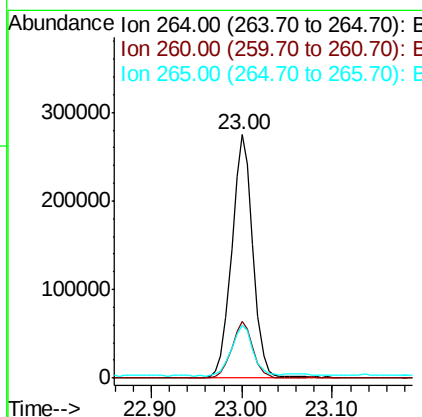
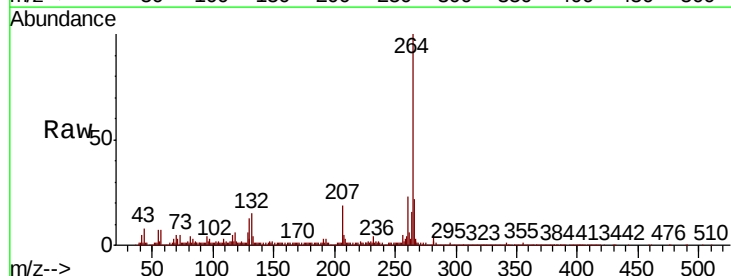
Instrument :
BNA_M
ClientSampleId :

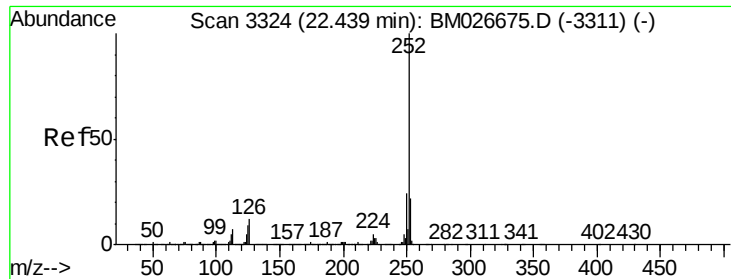
Tot Ion:228 Resp: 86202
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 21.0 15.4 23.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion:264 Resp: 440082
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.2
265 21.8 17.6 26.4

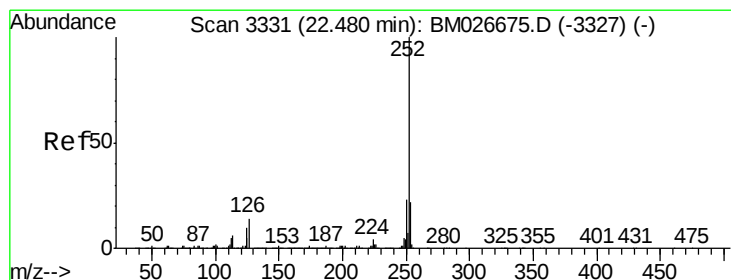
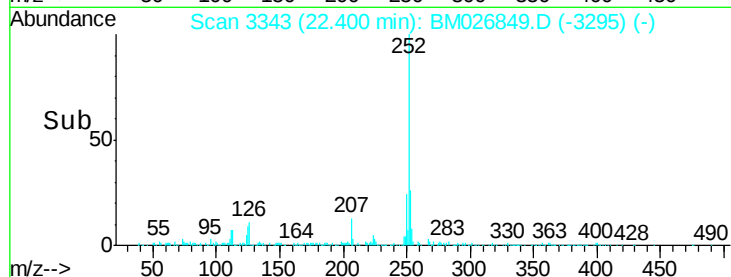
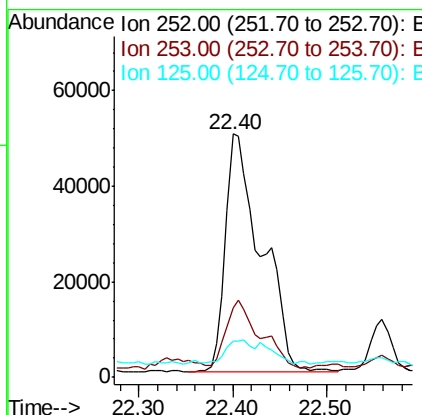
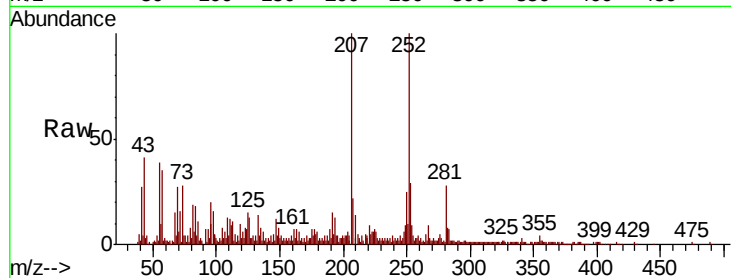




#88
Benzo(b)fluoranthene
Concen: 4.575 ng
RT: 22.40 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

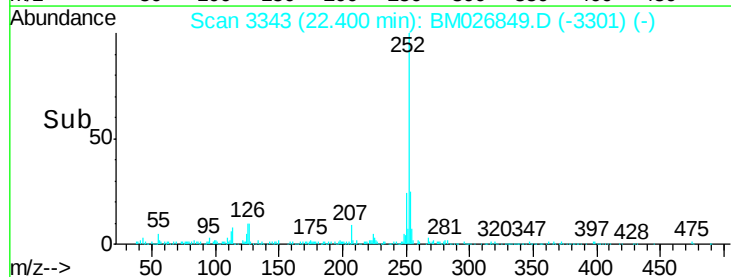
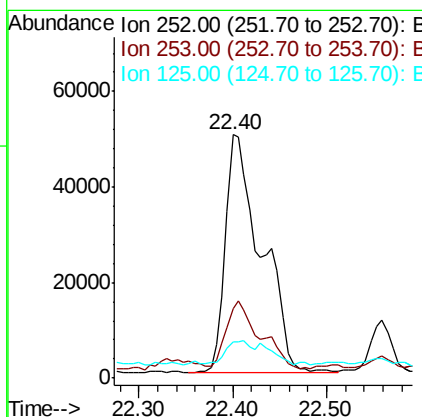
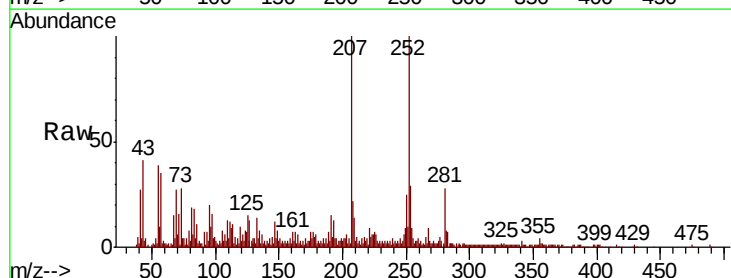
Instrument :
BNA_M
ClientSampleId :

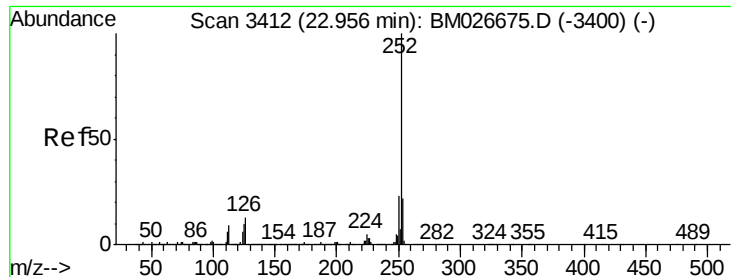
Tot Ion:252 Resp: 132671
Ion Ratio Lower Upper
252 100
253 28.7 17.5 26.3#
125 14.6 7.5 11.3#



#89
Benzo(k)fluoranthene
Concen: 4.664 ng
RT: 22.40 min Scan# 3343
Delta R.T. -0.05 min
Lab File: BM026849.D
Acq: 23 Jul 2020 13:51

Tgt Ion:252 Resp: 132671
Ion Ratio Lower Upper
252 100
253 28.7 17.5 26.3#
125 14.6 7.8 11.8#





#90

Benzo(a)pyrene

Concen: 2.987 ng

RT: 22.91 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

Instrument :

BNA_M

ClientSampleId :

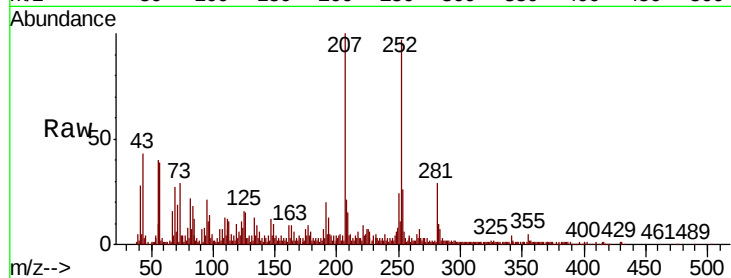
Tot Ion:252 Resp: 80396

Ion Ratio Lower Upper

252 100

253 26.7 17.4 26.2#

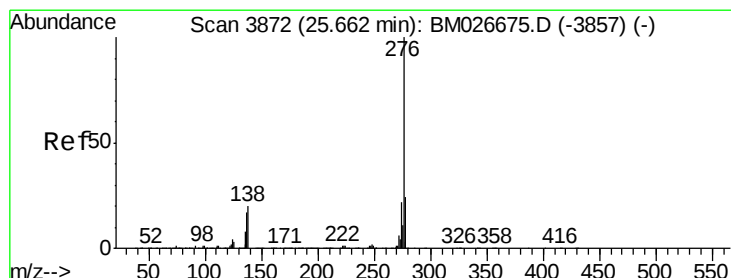
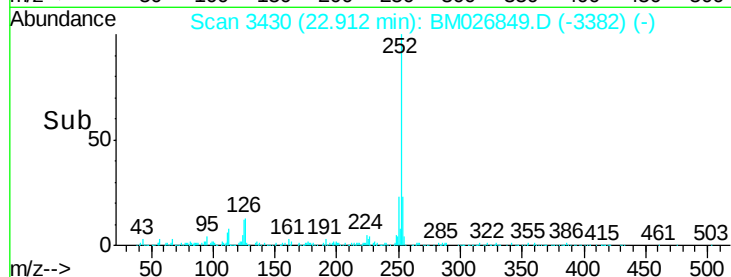
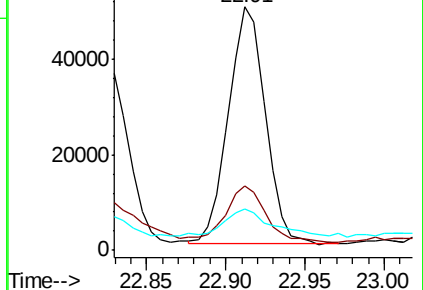
125 17.0 8.2 12.4#



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



#92

Benzo(g,h,i)perylene

Concen: 2.137 ng

RT: 25.58 min Scan# 3884

Delta R.T. -0.03 min

Lab File: BM026849.D

Acq: 23 Jul 2020 13:51

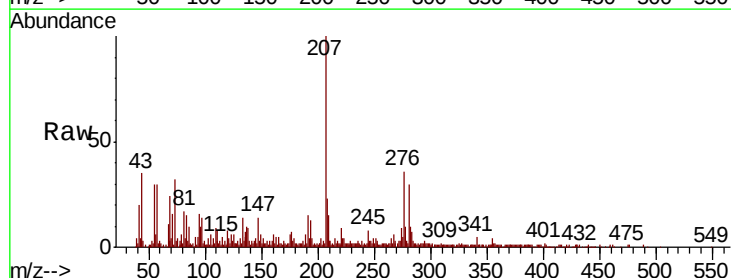
Tgt Ion:276 Resp: 52085

Ion Ratio Lower Upper

276 100

277 26.9 19.1 28.7

138 24.0 15.8 23.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

