

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005593.D
 Acq On : 22 May 2016 19:02
 Operator : UM/SJ
 Sample : H3087-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK4MSD

Quant Time: May 23 05:33:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	48382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	236084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	149388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	367677	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	497443	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	603150	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5549	5.02	ng/uL	0.00
5) Phenol-d5	6.98	99	107092	27.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	61545	26.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	85598	25.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	57150	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	45737	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	52136	26.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	92504	24.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	82238	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	331587	27.19	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	401882	26.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	51862	22.48	ng/ul	0.00
57) Fluorene-d10	15.43	176	296651	27.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	38959	18.42	ng/ul	0.00
70) Anthracene-d10	17.29	188	476731	27.22	ng/ul	0.00
76) Pyrene-d10	19.58	212	562673	24.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	752717	26.73	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.00	94	131025	32.07	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	3632	1.18	ng/ul#	21
10) 2-Chlorophenol	7.38	128	83858	25.26	ng/ul	97
14) Acetophenone	8.63	105	24247	4.96	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.61	70	78998	30.57	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	101799	25.19	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	12218	1.41	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	12711	1.01	ng/ul	98
44) Dimethylphthalate	13.90	163	68534	5.69	ng/ul	99
47) Acenaphthylene	14.17	152	60614	3.91	ng/ul	98
49) Acenaphthene	14.51	153	425990	41.71	ng/ul	99
52) 4-Nitrophenol	14.66	109	56679	24.45	ng/ul	98
53) Dibenzofuran	14.85	168	193664	13.28	ng/ul	98
54) 2,4-Dinitrotoluene	14.81	165	108154	30.42	ng/ul	94
58) Fluorene	15.49	166	273256	23.41	ng/ul	99
60) 4-Nitroaniline	15.49	138	3321	1.21	ng/ul#	9
68) Pentachlorophenol	16.84	266	62662	22.37	ng/ul	98
69) Phenanthrene	17.24	178	4690517	228.26	ng/ul	99
71) Anthracene	17.32	178	449577	21.47	ng/ul	100
72) Carbazole	17.59	167	315383	17.35	ng/ul	100
74) Fluoranthene	19.26	202	7634157	330.06	ng/ul	97
77) Pyrene	19.62	202	5816469	203.40	ng/ul	94
80) Benzo(a)anthracene	21.35	228	1301718	44.52	ng/ul	96

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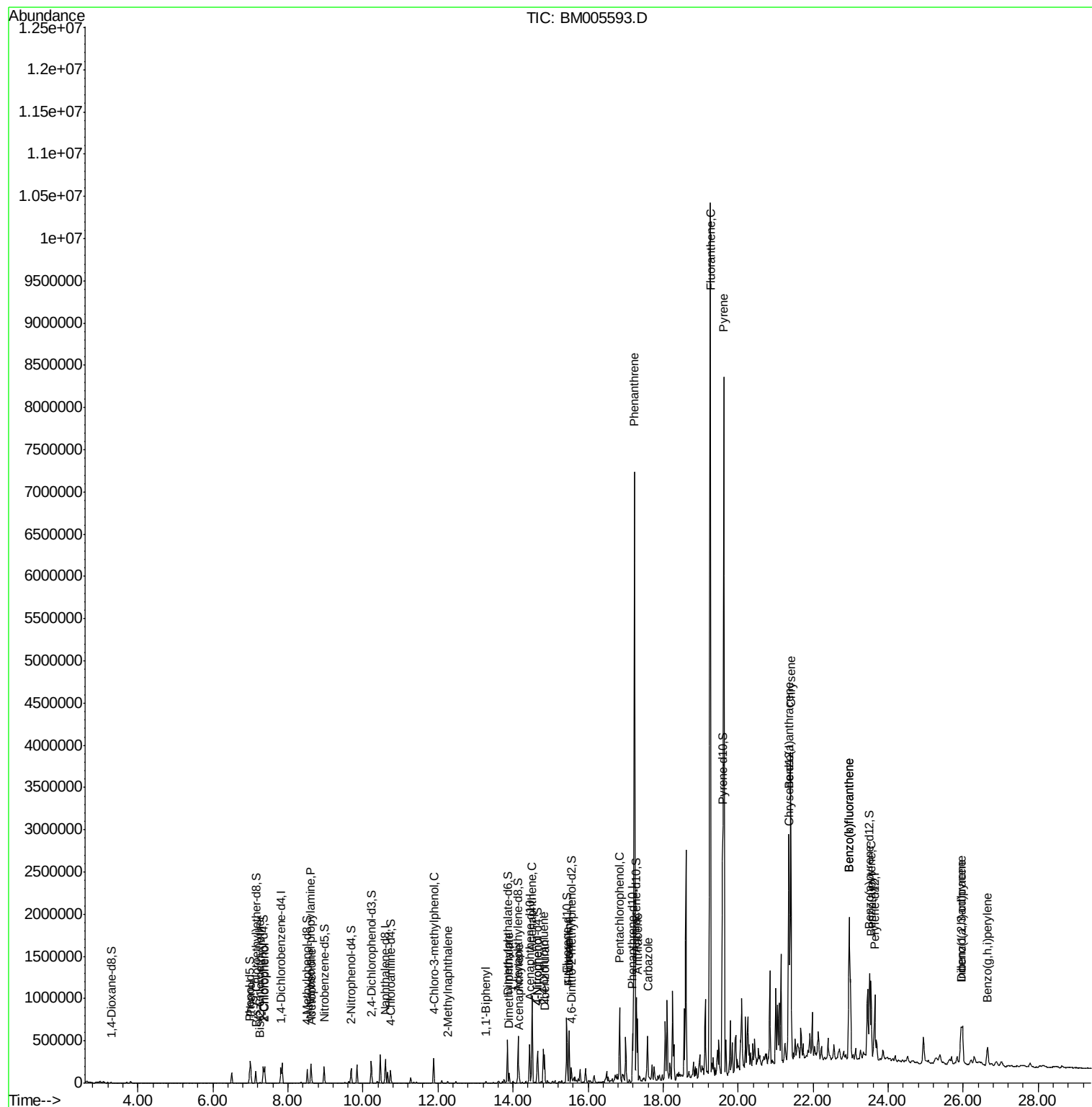
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.40	228	2136353	76.80	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1484410	41.73	ng/ul	98
86) Benzo(k)fluoranthene	22.96	252	1484410	44.08	ng/ul	99
88) Benzo(a)pyrene	23.54	252	619477	17.95	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	377721	9.22	ng/ul	97
90) Dibenzo(a,h)anthracene	25.94	278	95116	2.79	ng/ul#	83
91) Benzo(g,h,i)perylene	26.64	276	279631	8.11	ng/ul	100

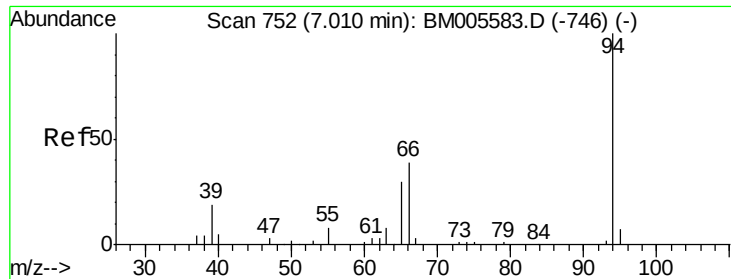
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 32.07 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

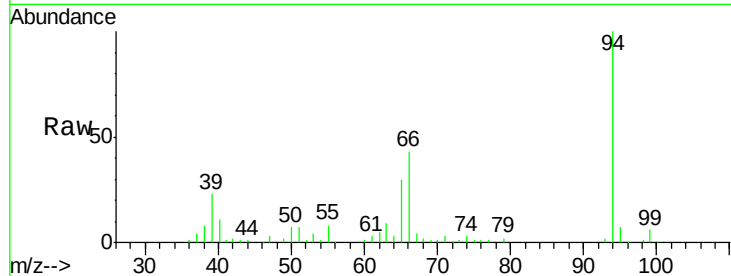
Tgt Ion: 94 Resp: 131025

Ion Ratio Lower Upper

94 100

65 30.2 24.2 36.2

66 43.2 33.9 50.9

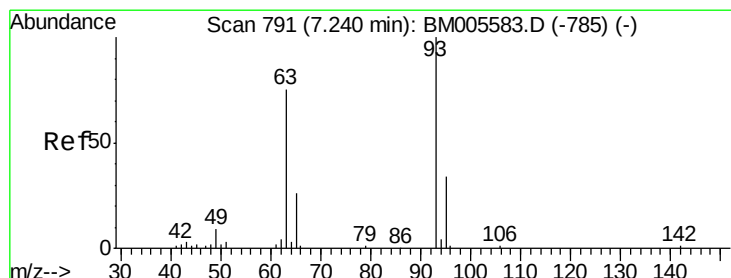
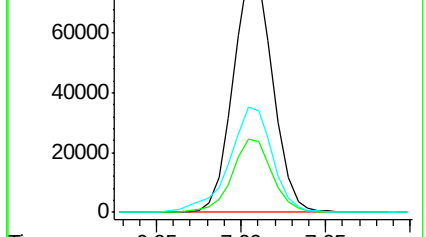
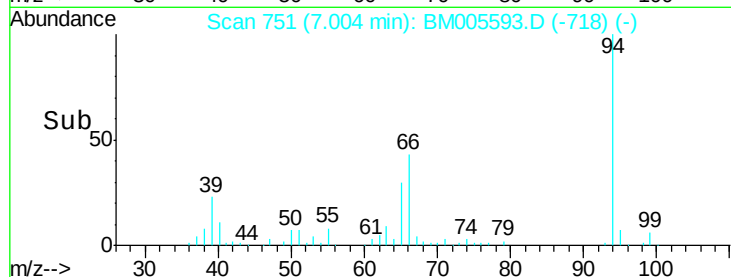


Abundance Ion 94.00 (93.70 to 94.70): BM005583.D (-746) (-)

Ion 65.00 (64.70 to 65.70): BM005583.D (-746) (-)

Ion 66.00 (65.70 to 66.70): BM005583.D (-746) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 1.18 ng/ul

RT: 7.25 min Scan# 792

Delta R.T. 0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

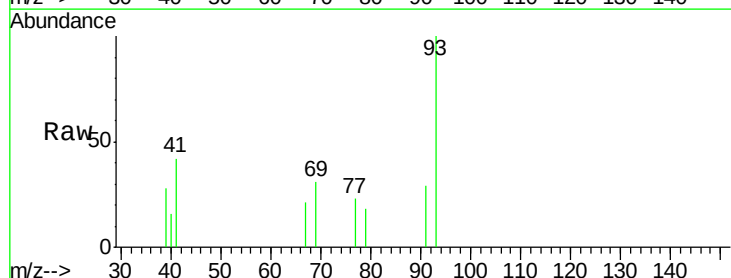
Tgt Ion: 93 Resp: 3632

Ion Ratio Lower Upper

93 100

63 0.0 60.2 90.4#

95 0.0 24.1 36.1#

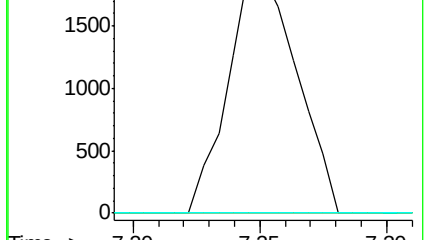
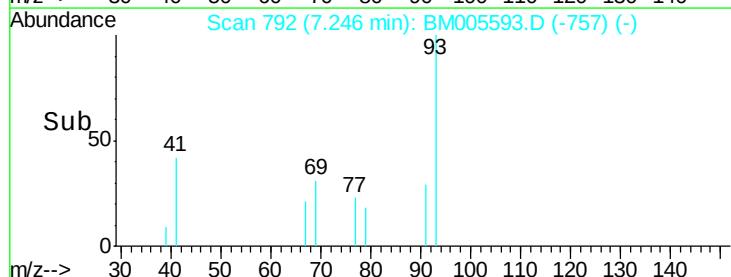


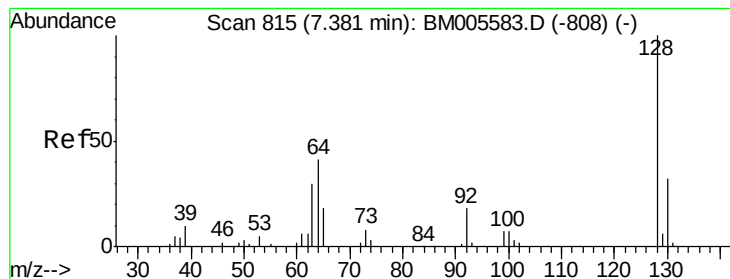
Abundance Ion 93.00 (92.70 to 93.70): BM005583.D (-785) (-)

Ion 63.00 (62.70 to 63.70): BM005583.D (-785) (-)

Ion 95.00 (94.70 to 95.70): BM005583.D (-785) (-)

Time-->





#10

2-Chlorophenol

Concen: 25.26 ng/ul

RT: 7.38 min Scan# 815

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHKG4MSD

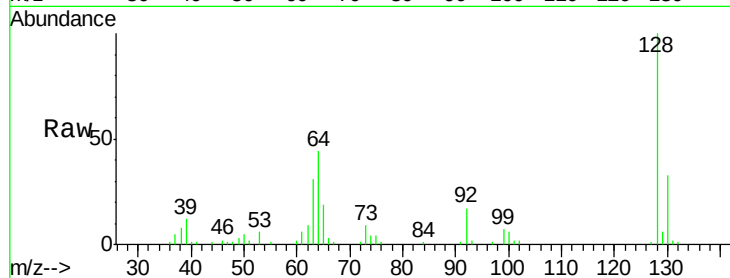
Tgt Ion:128 Resp: 83858

Ion Ratio Lower Upper

128 100

64 43.5 37.3 55.9

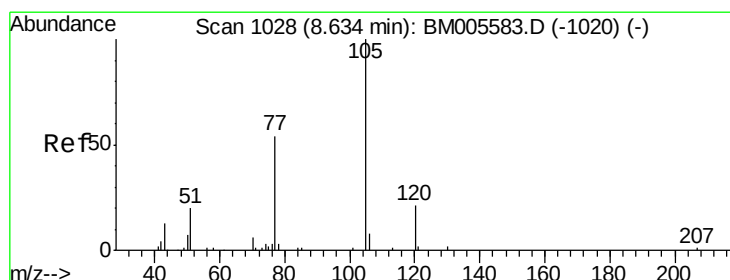
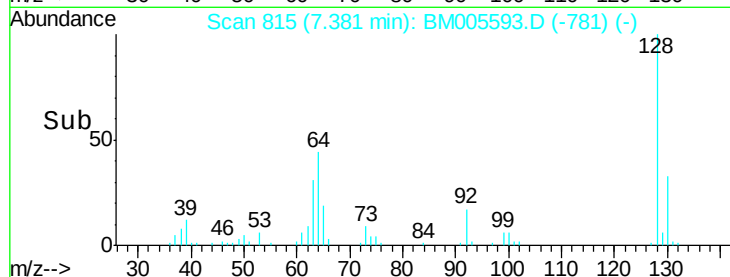
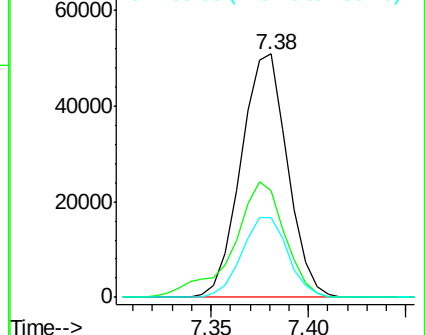
130 32.6 26.6 40.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#14

Acetophenone

Concen: 4.96 ng/ul

RT: 8.63 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

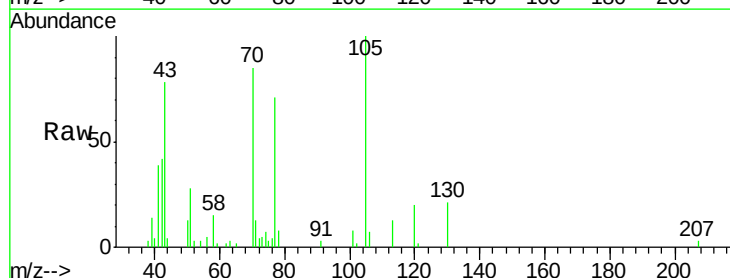
Tgt Ion:105 Resp: 24247

Ion Ratio Lower Upper

105 100

77 71.3 60.8 91.2

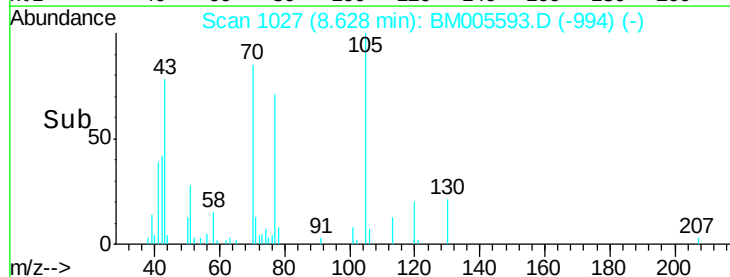
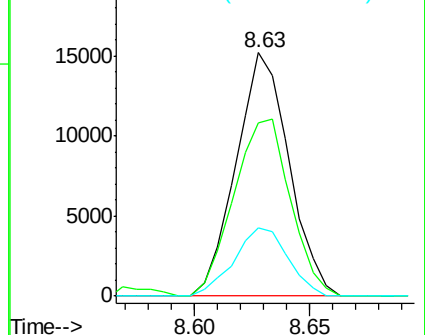
51 27.8 22.2 33.2

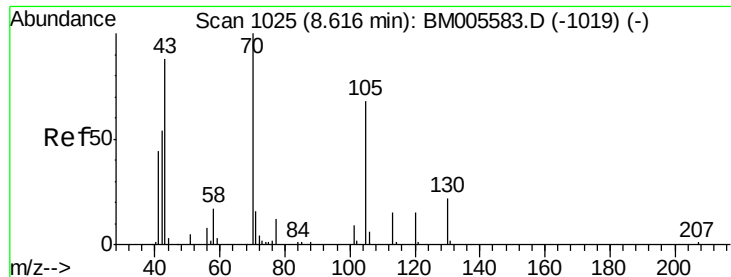


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 30.57 ng/ul

RT: 8.61 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

Tgt Ion: 70 Resp: 78998

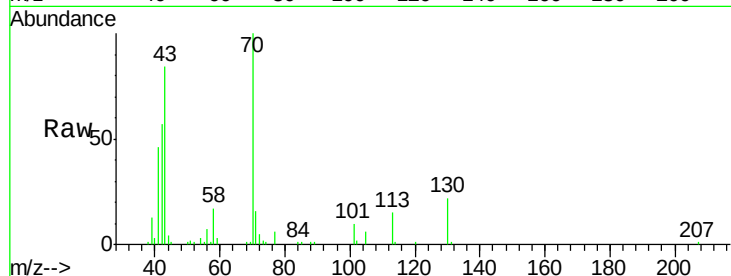
Ion Ratio Lower Upper

70 100

42 56.7 46.1 69.1

101 10.1 8.0 12.0

130 21.7 16.8 25.2

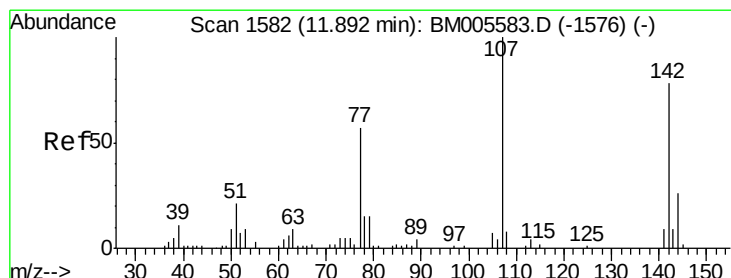
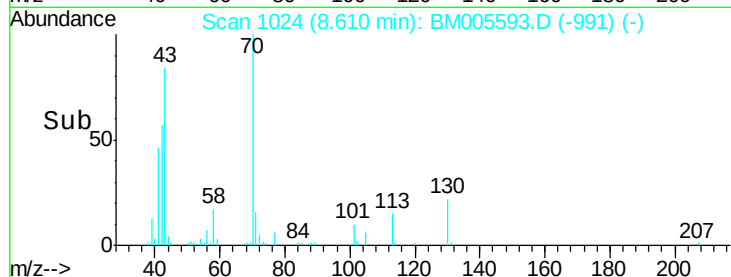
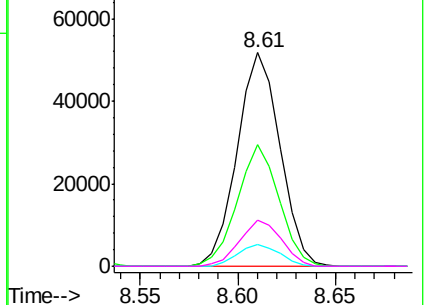


Abundance Ion 70.00 (69.70 to 70.70): BM005583.D (-1019) (-)

Ion 42.00 (41.70 to 42.70): BM005583.D (-1019) (-)

Ion 101.00 (100.70 to 101.70): BM005583.D (-1019) (-)

Ion 130.00 (129.70 to 130.70): BM005583.D (-1019) (-)



#33

4-Chloro-3-methylphenol

Concen: 25.19 ng/ul

RT: 11.89 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

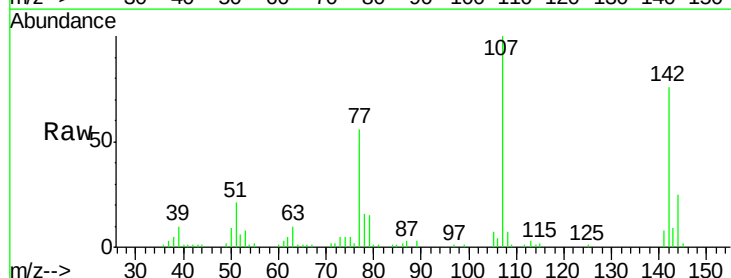
Tgt Ion: 107 Resp: 101799

Ion Ratio Lower Upper

107 100

144 24.7 20.6 31.0

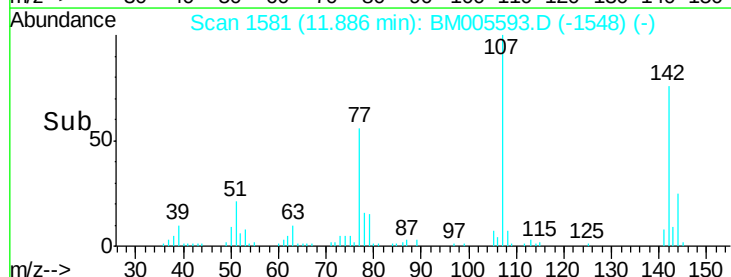
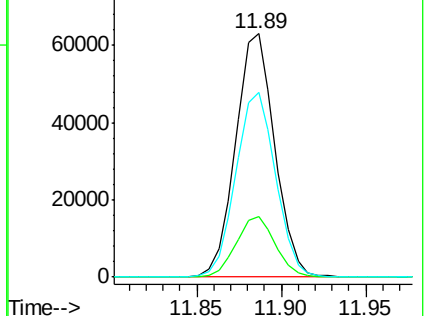
142 75.8 63.5 95.3

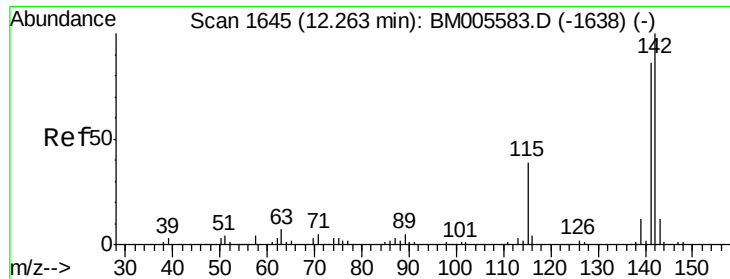


Abundance Ion 107.00 (106.70 to 107.70): BM005583.D (-1576) (-)

Ion 144.00 (143.70 to 144.70): BM005583.D (-1576) (-)

Ion 142.00 (141.70 to 142.70): BM005583.D (-1576) (-)

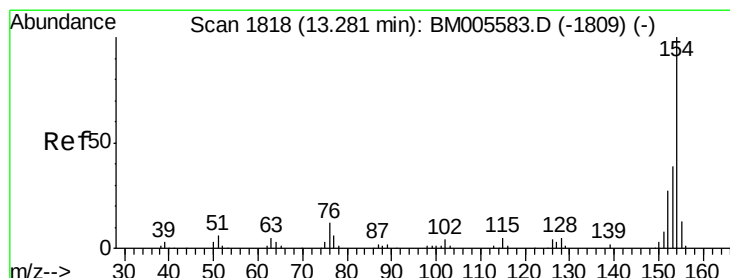
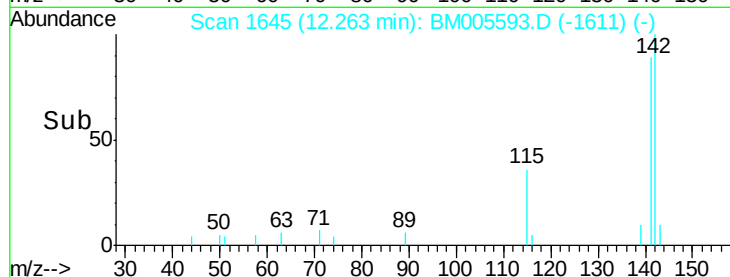
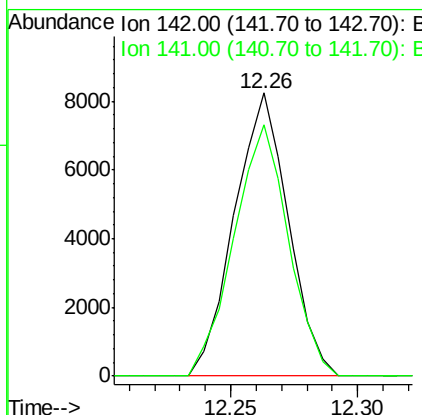
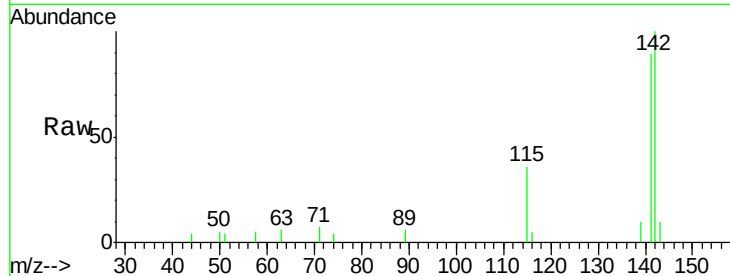




#34
 2-Methylnaphthalene
 Concen: 1.41 ng/ul
 RT: 12.26 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BM005593.D
 Acq: 22 May 2016 19:02

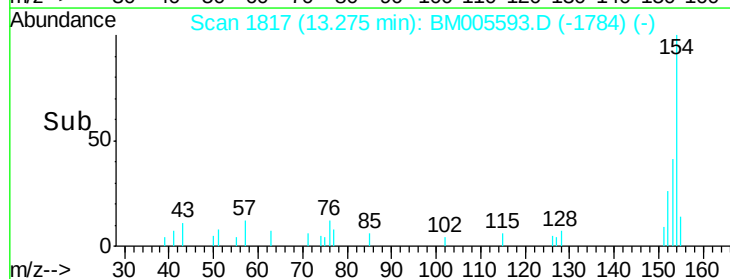
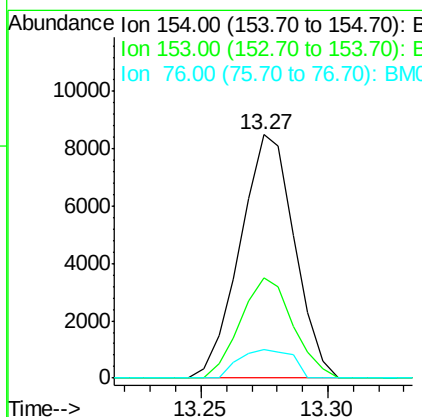
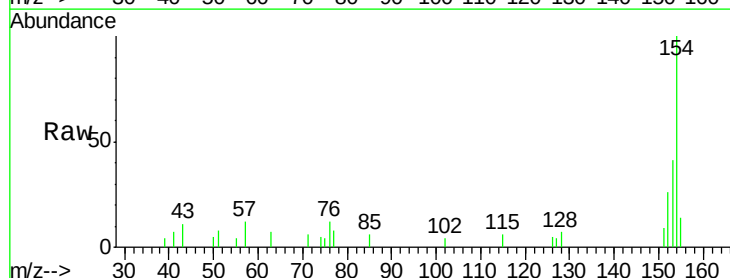
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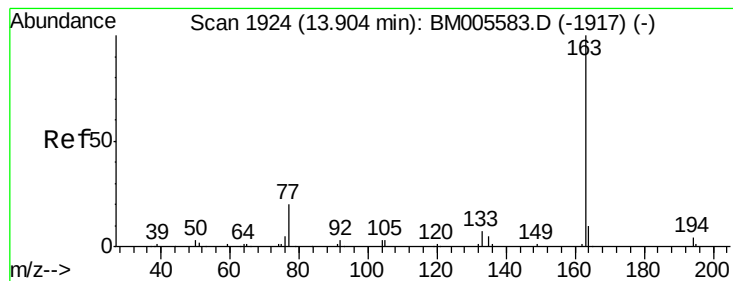
Tgt Ion:142 Resp: 12218
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.6 106.0



#40
 1,1'-Biphenyl
 Concen: 1.01 ng/ul
 RT: 13.27 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM005593.D
 Acq: 22 May 2016 19:02

Tgt Ion:154 Resp: 12711
 Ion Ratio Lower Upper
 154 100
 153 41.1 31.7 47.5
 76 11.9 10.1 15.1





#44

Dimethylphthalate

Concen: 5.69 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

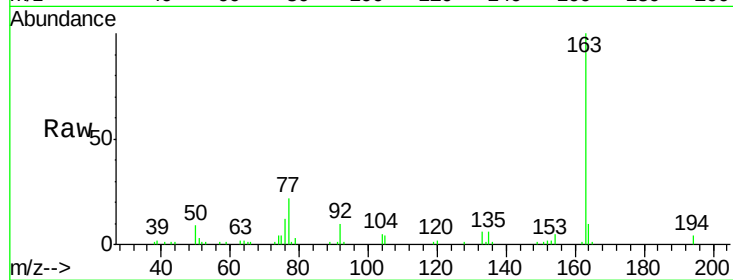
Tgt Ion:163 Resp: 68534

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

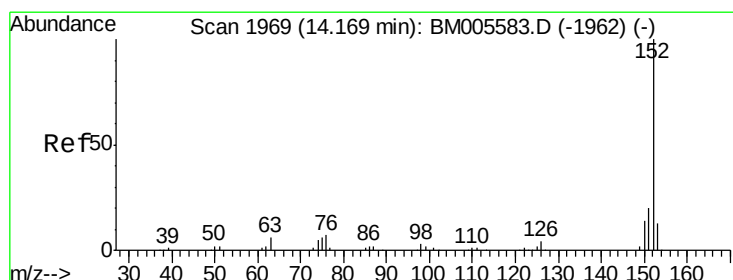
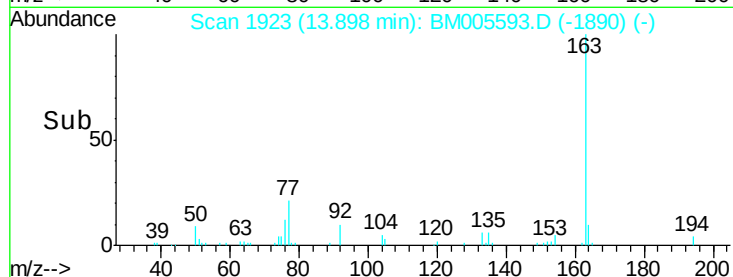
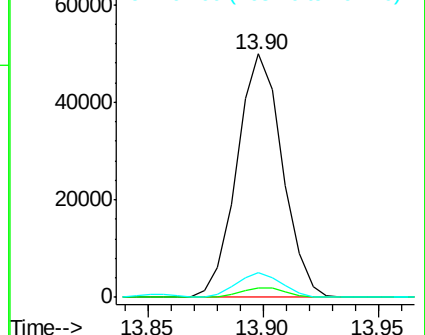
164 10.2 8.0 12.0



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



#47

Acenaphthylene

Concen: 3.91 ng/ul

RT: 14.17 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

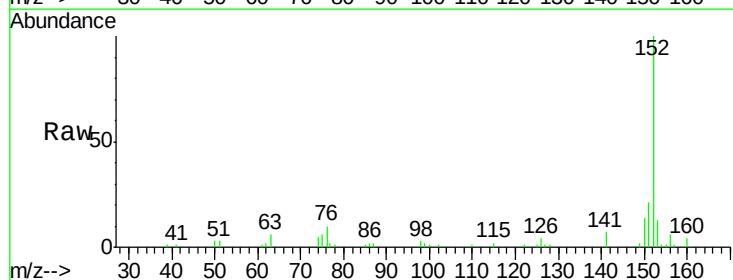
Tgt Ion:152 Resp: 60614

Ion Ratio Lower Upper

152 100

151 20.9 15.7 23.5

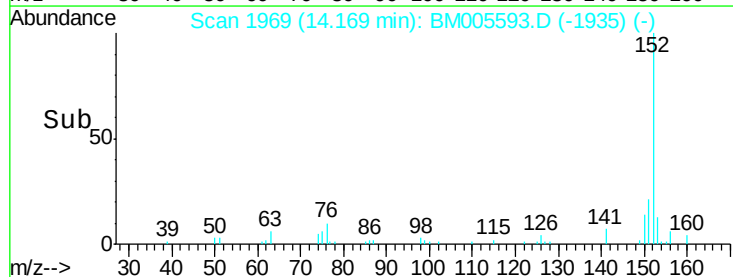
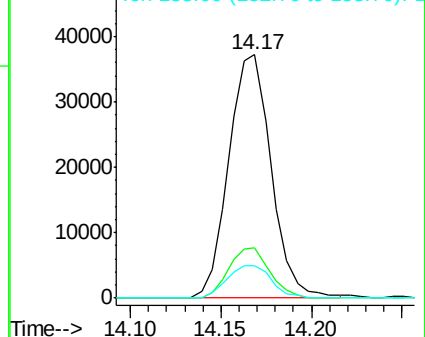
153 13.1 10.5 15.7

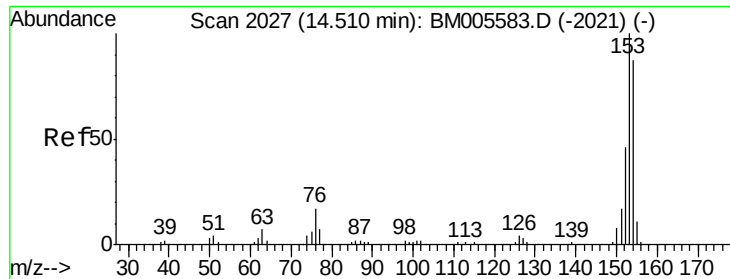


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 41.71 ng/ul

RT: 14.51 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

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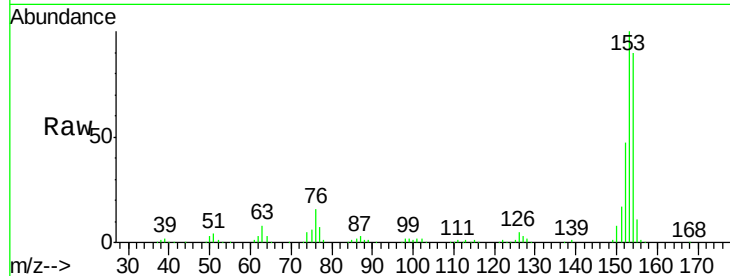
Tgt Ion:153 Resp: 425990

Ion Ratio Lower Upper

153 100

152 47.3 37.8 56.6

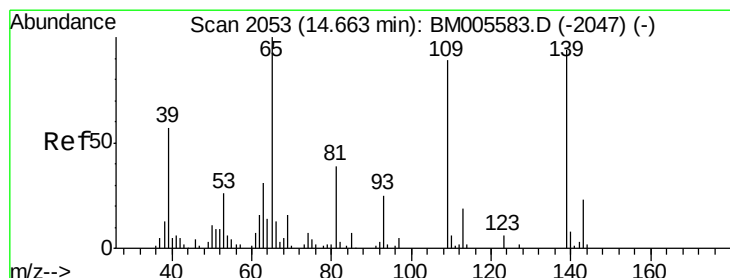
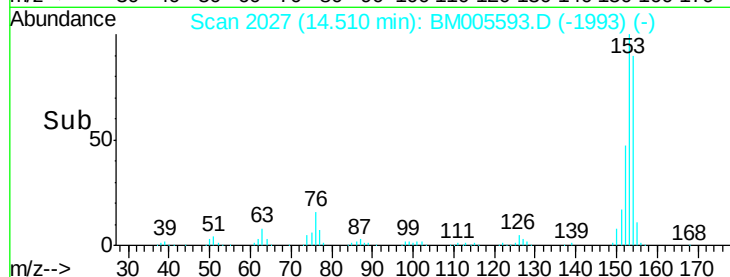
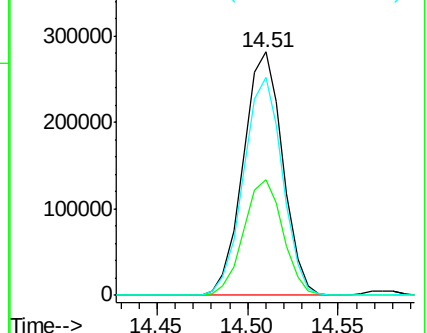
154 89.6 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 24.45 ng/ul

RT: 14.66 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

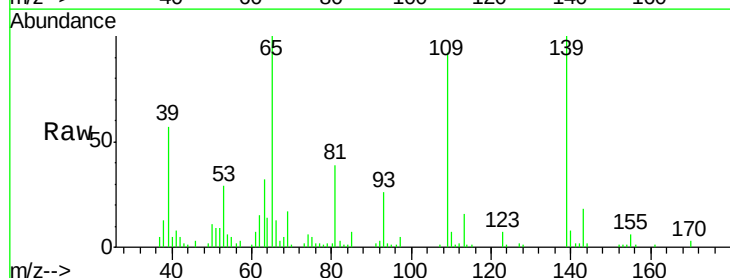
Tgt Ion:109 Resp: 56679

Ion Ratio Lower Upper

109 100

139 108.8 87.5 131.3

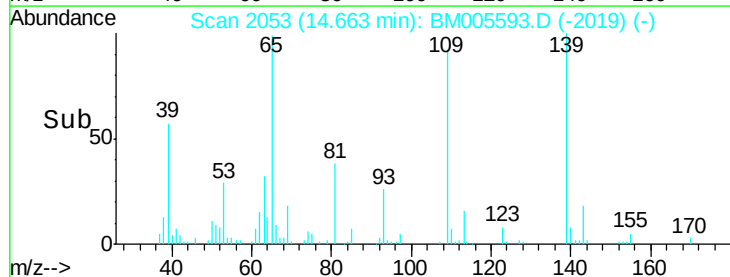
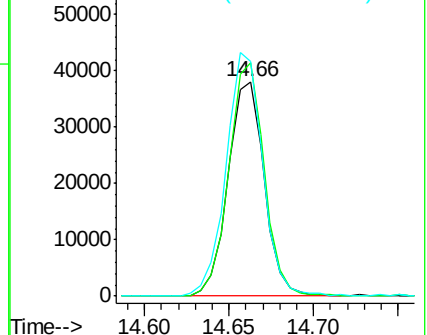
65 109.3 90.2 135.2

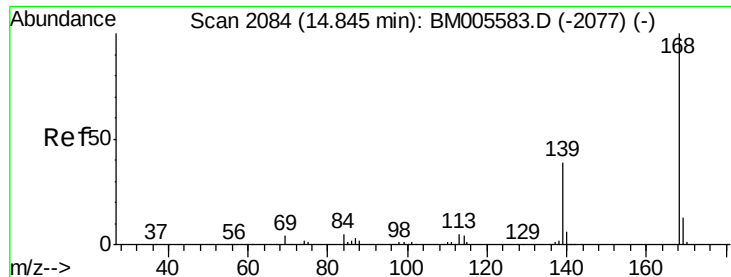


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzofuran

Concen: 13.28 ng/ul

RT: 14.85 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

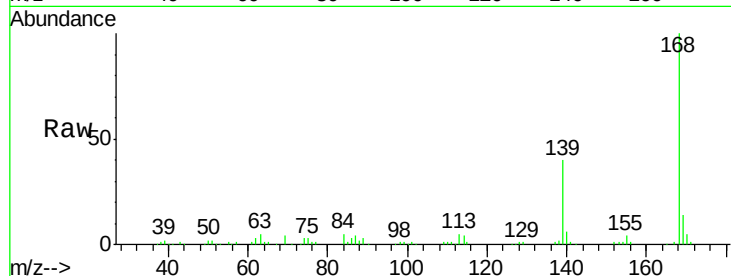
JHGK4MSD

Tgt Ion:168 Resp: 193664

Ion Ratio Lower Upper

168 100

139 39.5 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

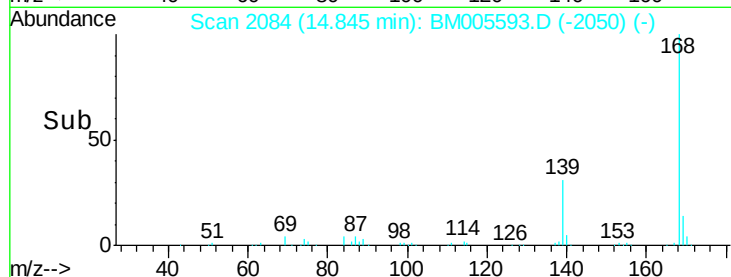
150000

100000

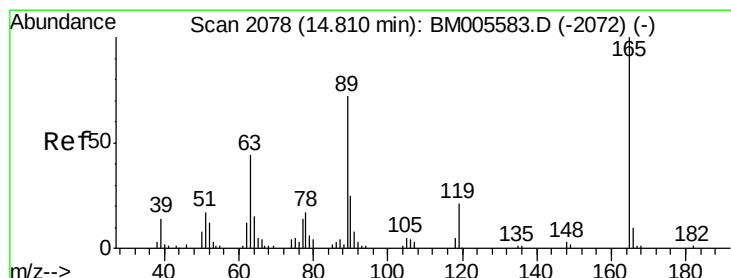
50000

0

Time-->



Time-->



#54

2,4-Dinitrotoluene

Concen: 30.42 ng/ul

RT: 14.81 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

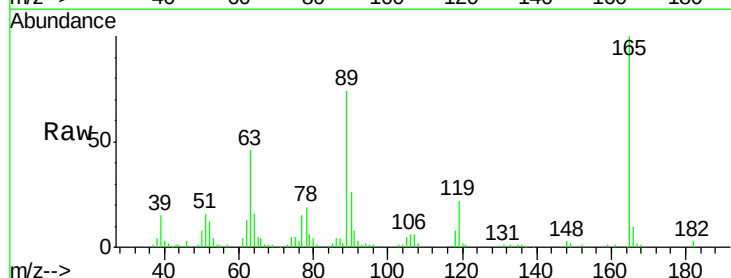
Tgt Ion:165 Resp: 108154

Ion Ratio Lower Upper

165 100

63 46.2 33.9 50.9

182 3.3 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

100000

80000

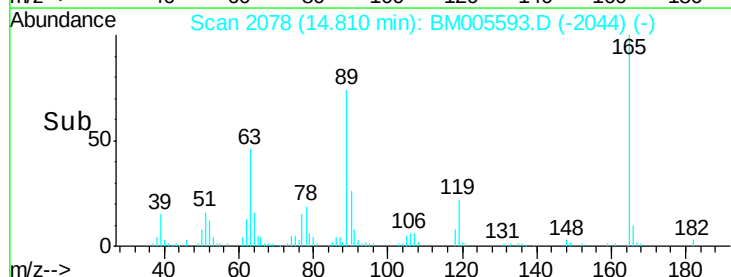
60000

40000

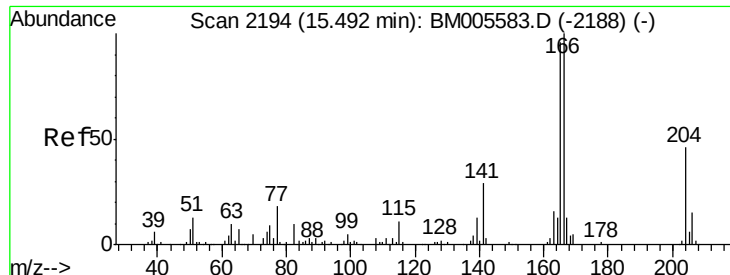
20000

0

Time-->



Time-->



#58

Fluorene

Concen: 23.41 ng/ul

RT: 15.49 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

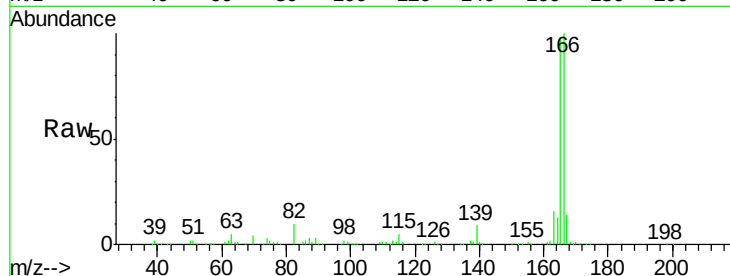
Tgt Ion:166 Resp: 273256

Ion Ratio Lower Upper

166 100

165 98.2 78.0 117.0

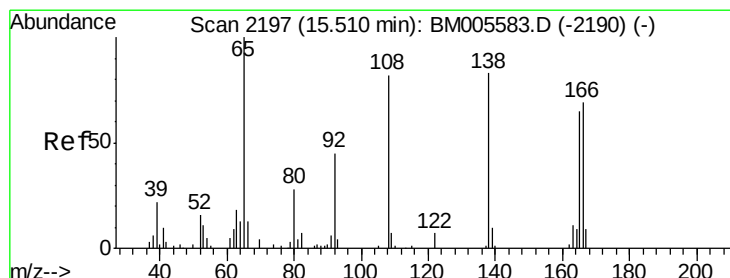
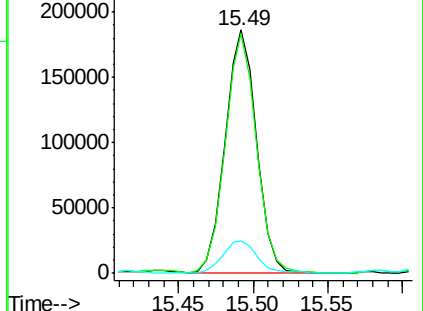
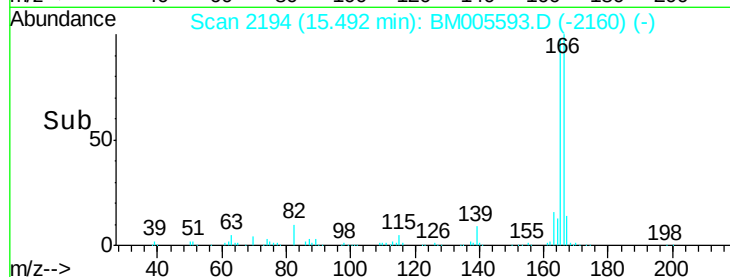
167 13.6 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Nitroaniline

Concen: 1.21 ng/ul

RT: 15.49 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

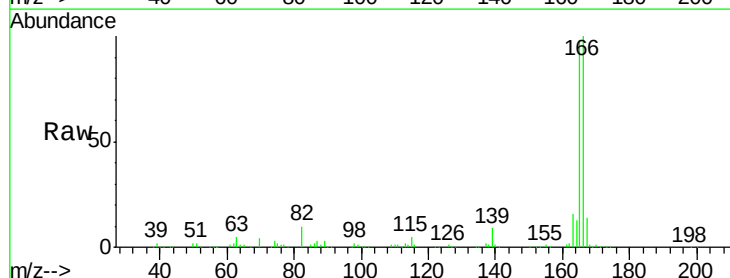
Tgt Ion:138 Resp: 3321

Ion Ratio Lower Upper

138 100

92 0.0 41.4 62.0#

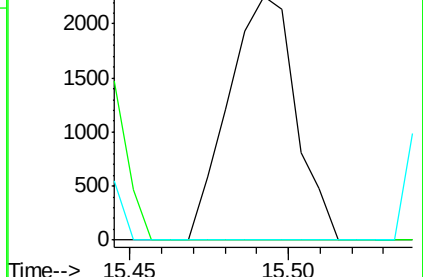
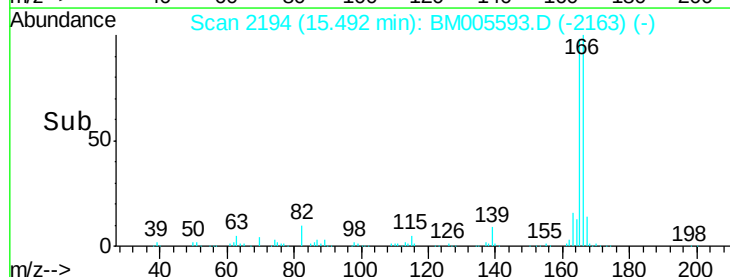
108 0.0 79.4 119.0#

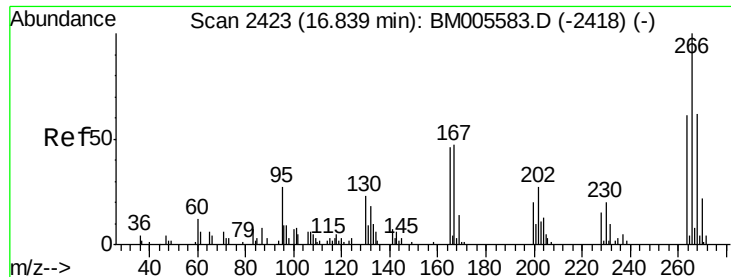


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

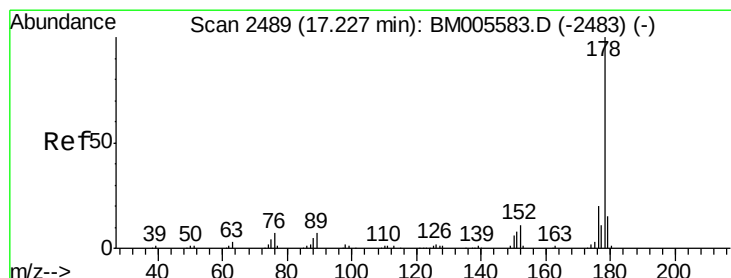
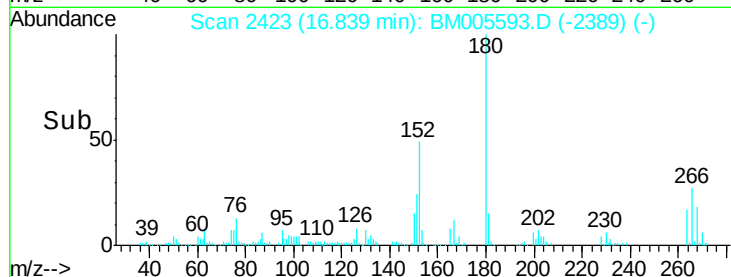
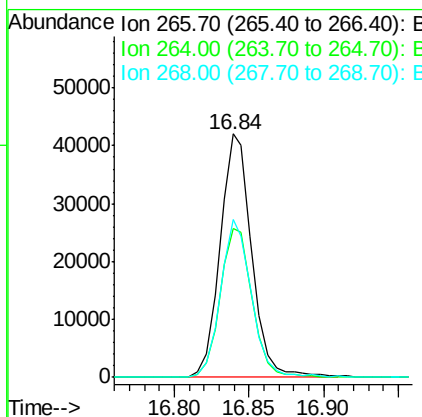
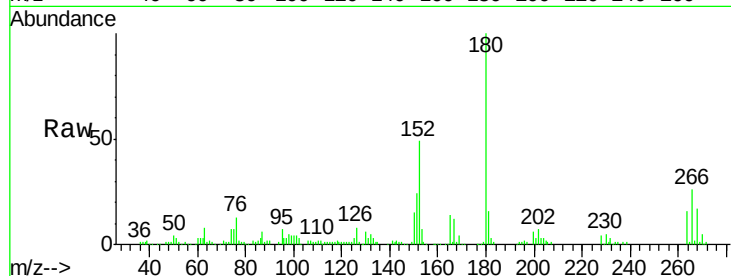




#68
 Pentachlorophenol
 Concen: 22.37 ng/ul
 RT: 16.84 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BM005593.D
 Acq: 22 May 2016 19:02

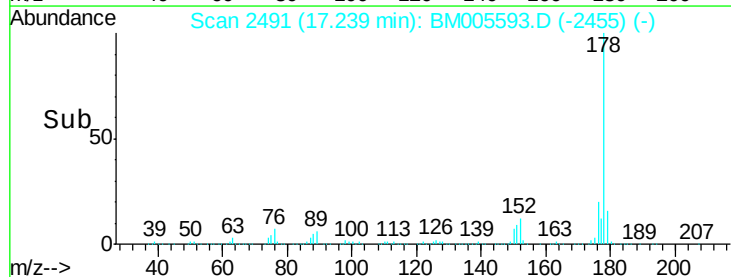
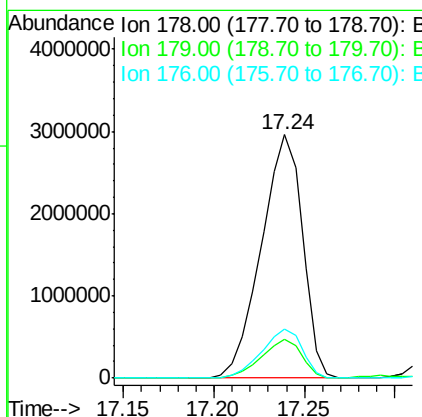
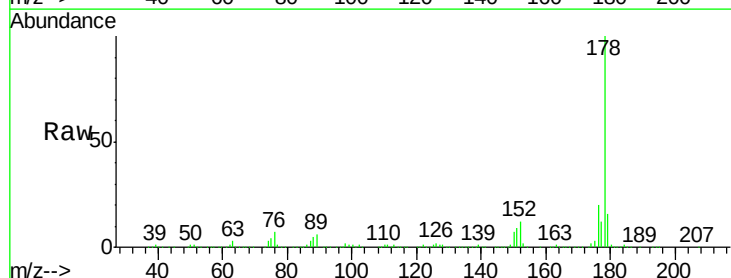
Instrument :
 BNA_M
 ClientSampleId :
 JHKG4MSD

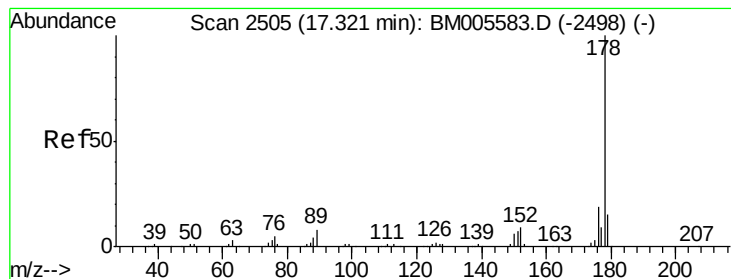
Tgt Ion:266 Resp: 62662
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.9 76.3
 268 65.0 52.8 79.2



#69
 Phenanthrene
 Concen: 228.26 ng/ul
 RT: 17.24 min Scan# 2491
 Delta R.T. 0.01 min
 Lab File: BM005593.D
 Acq: 22 May 2016 19:02

Tgt Ion:178 Resp: 4690517
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.2
 176 20.2 15.8 23.6





#71

Anthracene

Concen: 21.47 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

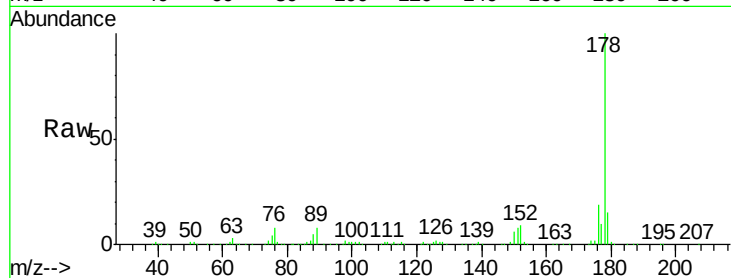
Tgt Ion:178 Resp: 449577

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

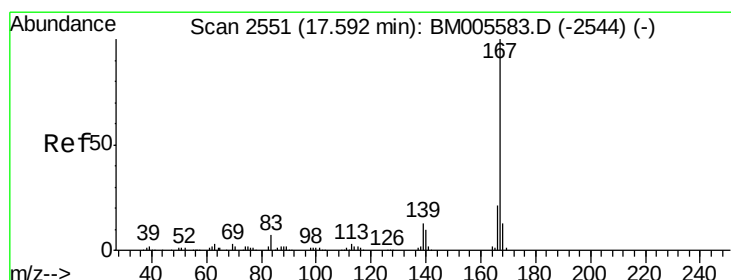
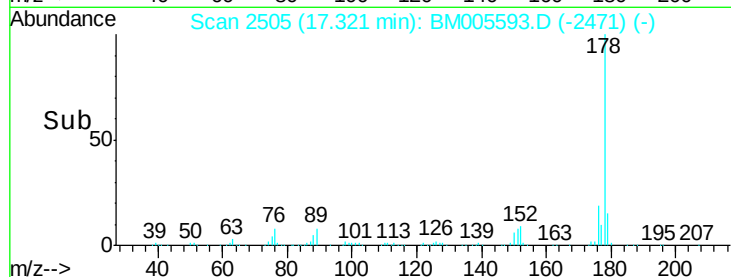
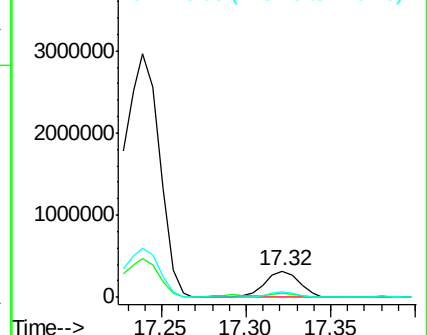
176 18.6 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 17.35 ng/ul

RT: 17.59 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

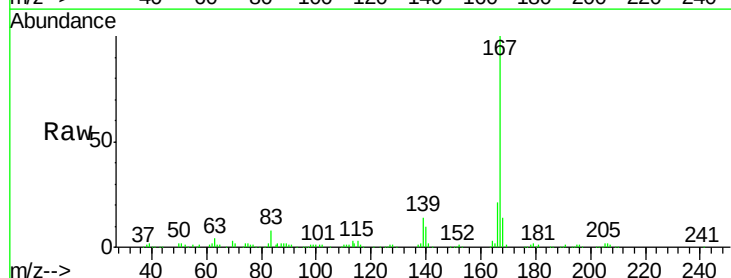
Tgt Ion:167 Resp: 315383

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

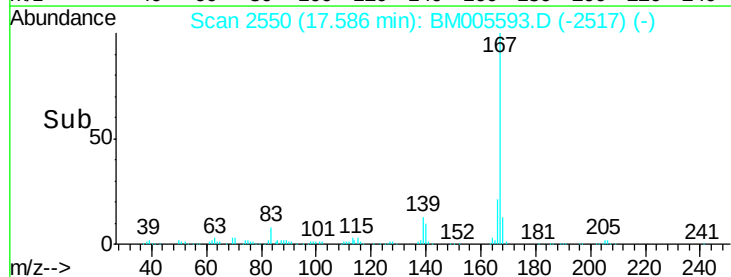
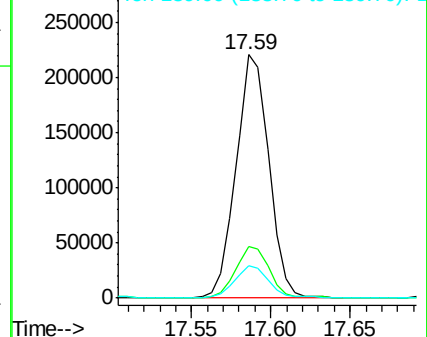
139 13.5 10.6 16.0

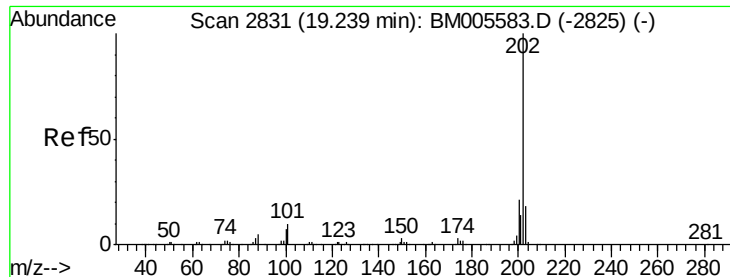


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 330.06 ng/ul

RT: 19.26 min Scan# 2835

Delta R.T. 0.02 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

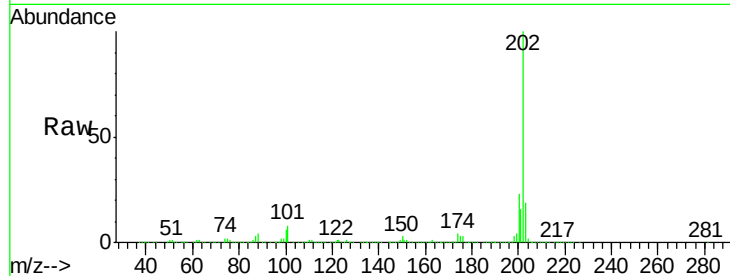
Tgt Ion:202 Resp: 7634157

Ion Ratio Lower Upper

202 100

101 8.5 7.9 11.9

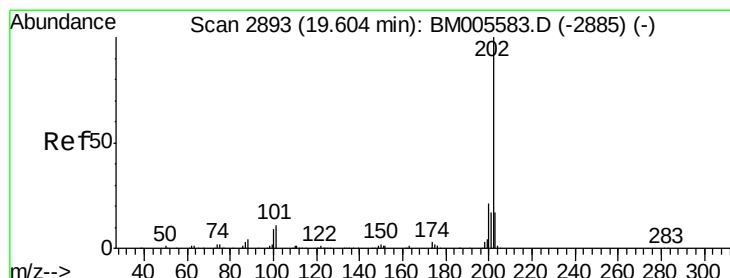
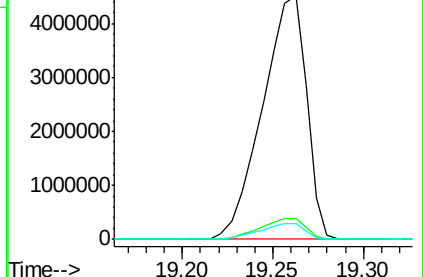
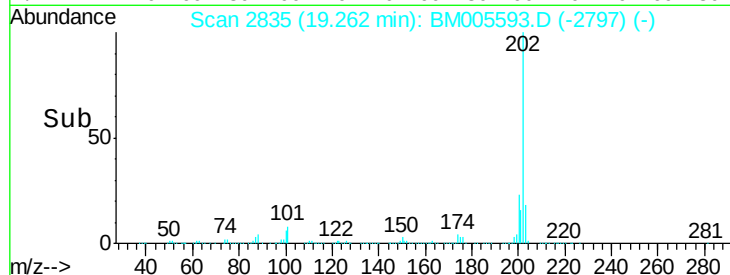
100 6.4 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 203.40 ng/ul

RT: 19.62 min Scan# 2896

Delta R.T. 0.02 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

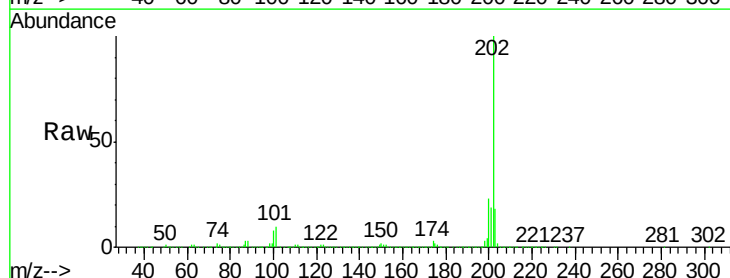
Tgt Ion:202 Resp: 5816469

Ion Ratio Lower Upper

202 100

101 9.7 9.6 14.4

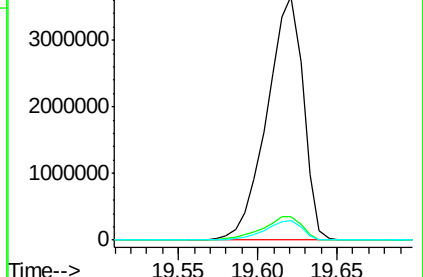
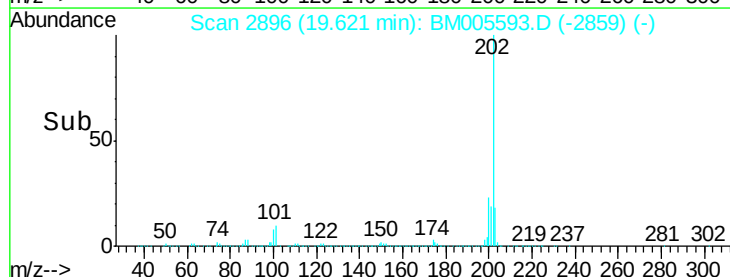
100 7.9 7.8 11.6

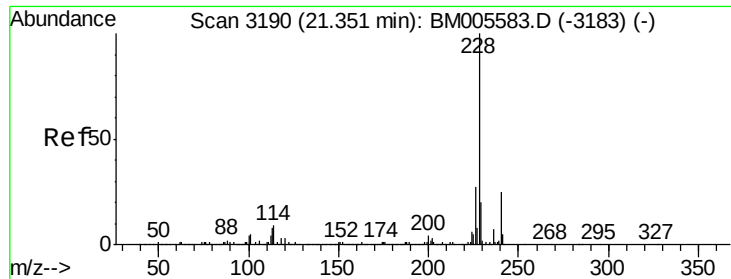


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

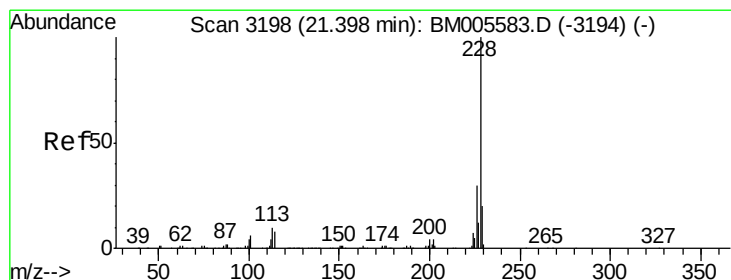
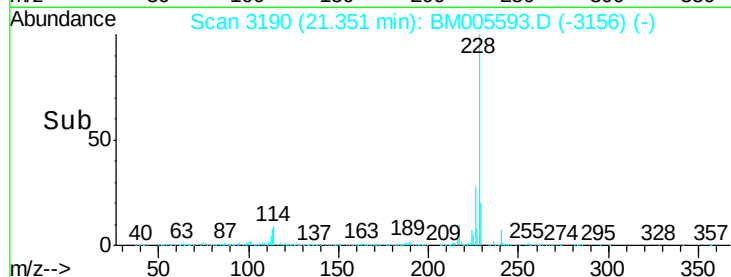
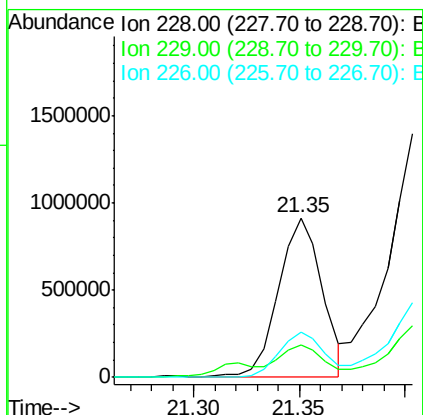
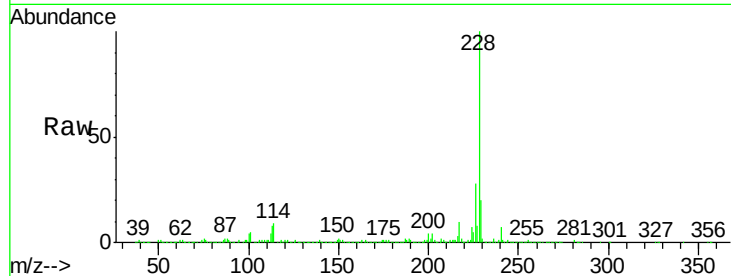




#80
Benzo(a)anthracene
Concen: 44.52 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005593.D
Acq: 22 May 2016 19:02

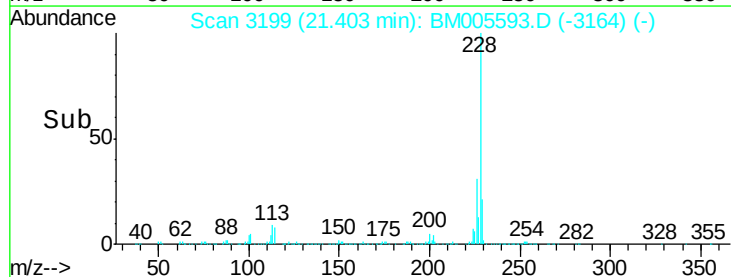
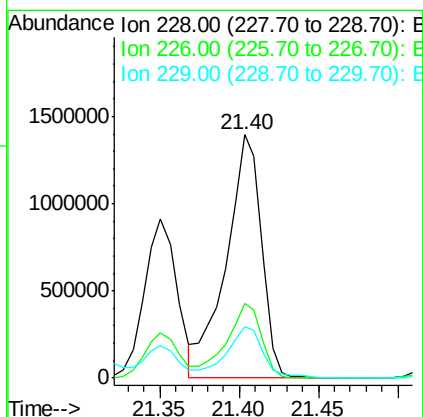
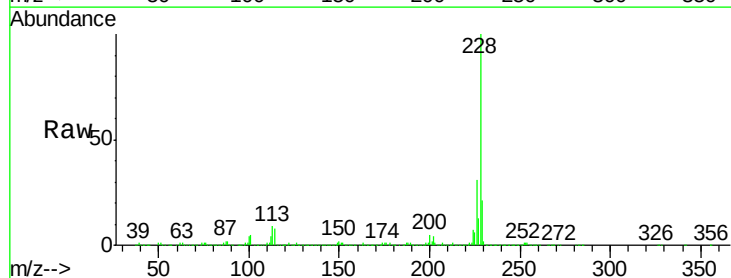
Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

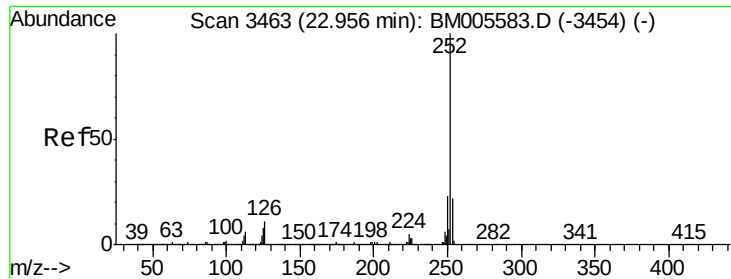
Tgt Ion:228 Resp: 1301718
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.2
226 28.4 21.0 31.4



#82
Chrysene
Concen: 76.80 ng/ul
RT: 21.40 min Scan# 3199
Delta R.T. 0.01 min
Lab File: BM005593.D
Acq: 22 May 2016 19:02

Tgt Ion:228 Resp: 2136353
Ion Ratio Lower Upper
228 100
226 30.6 23.7 35.5
229 21.3 15.5 23.3

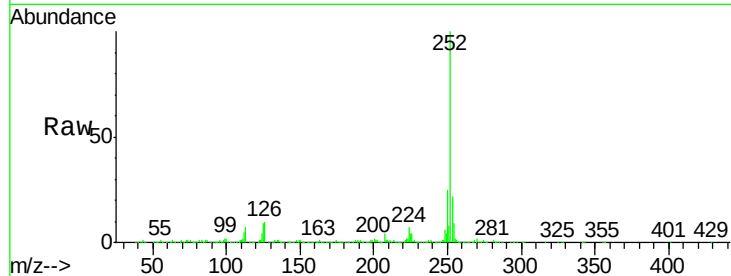




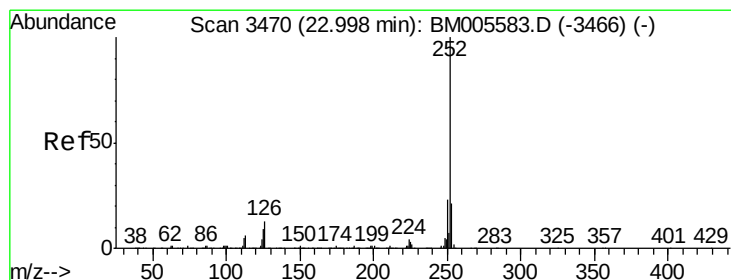
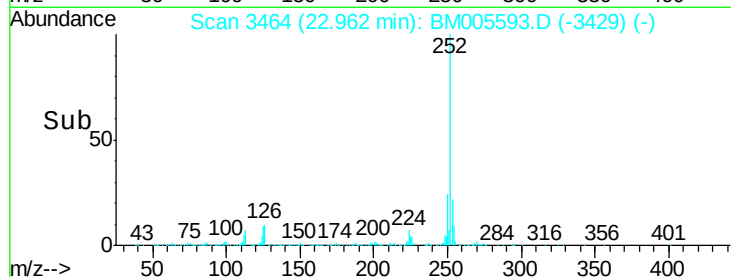
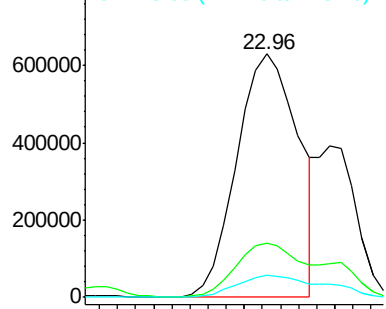
#85
Benzo(b)fluoranthene
Concen: 41.73 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM005593.D
Acq: 22 May 2016 19:02

Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

Tgt Ion:252 Resp: 1484410
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.0 7.0 10.4

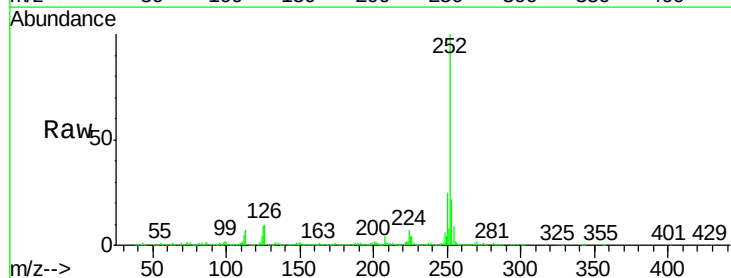


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

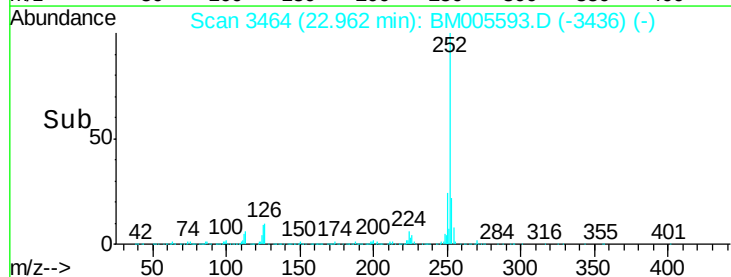
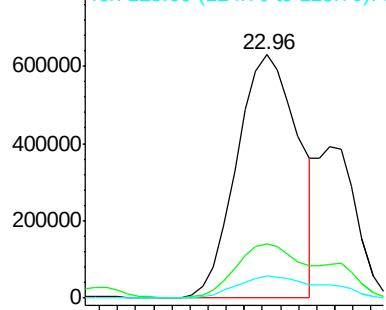


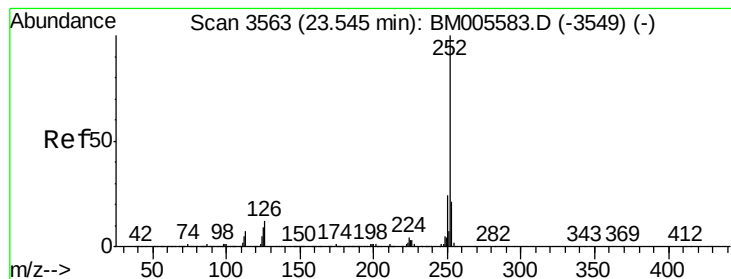
#86
Benzo(k)fluoranthene
Concen: 44.08 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. -0.04 min
Lab File: BM005593.D
Acq: 22 May 2016 19:02

Tgt Ion:252 Resp: 1484410
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.0 7.0 10.6



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





#88

Benzo(a)pyrene

Concen: 17.95 ng/ul

RT: 23.54 min Scan# 3563

Delta R.T. -0.00 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

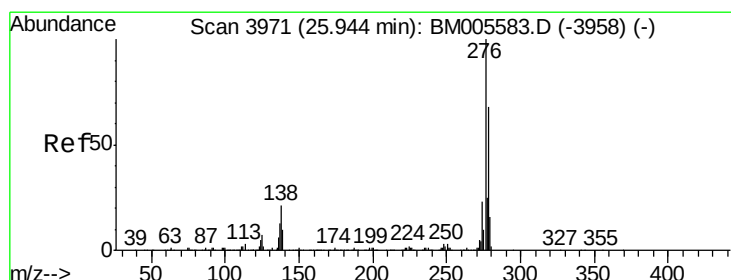
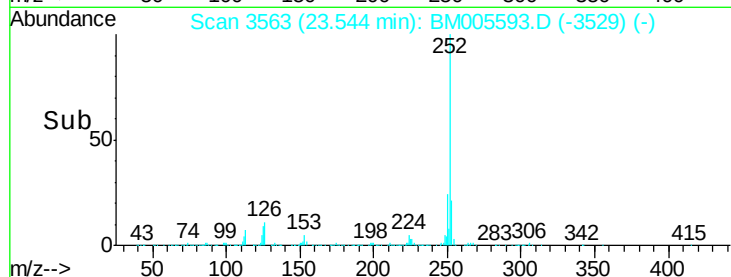
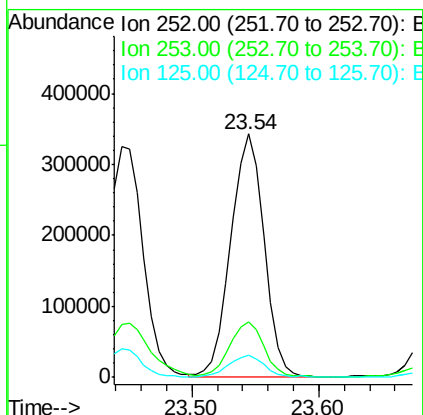
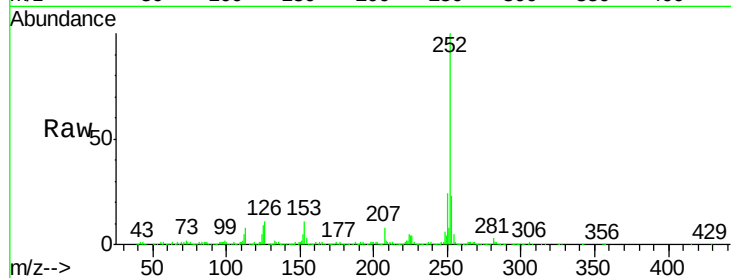
Instrument :

BNA_M

ClientSampleId :

JHGK4MSD

Tgt Ion:	252	Resp:	619477
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.2	7.6	11.4



#89

Indeno(1,2,3-cd)pyrene

Concen: 9.22 ng/ul

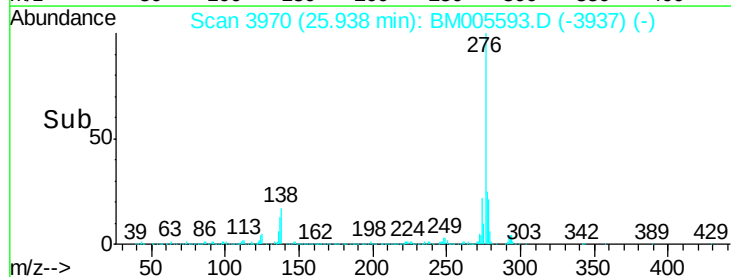
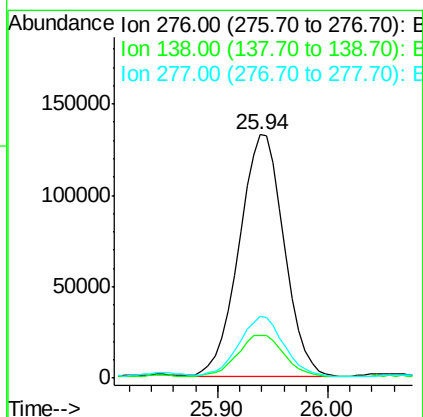
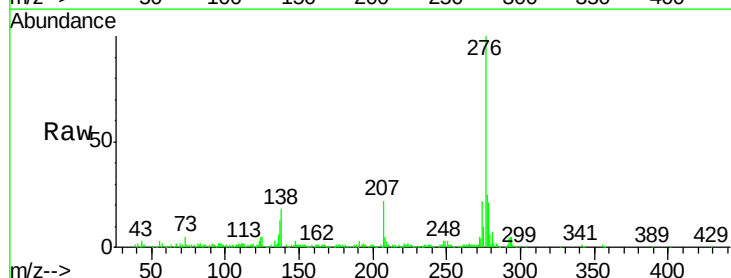
RT: 25.94 min Scan# 3970

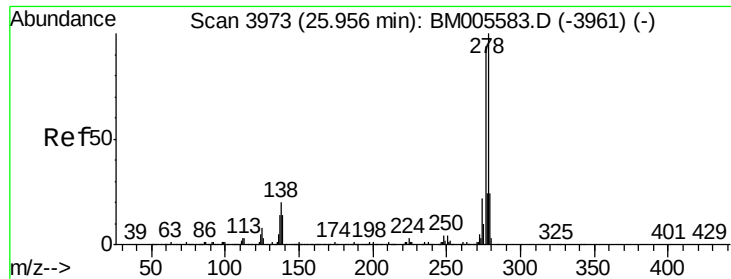
Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Tgt Ion:	276	Resp:	377721
Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.9	25.3
277	25.3	20.2	30.4





#90

Dibenzo(a,h)anthracene

Concen: 2.79 ng/ul

RT: 25.94 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

Instrument :

BNA_M

ClientSampleId :

JHKG4MSD

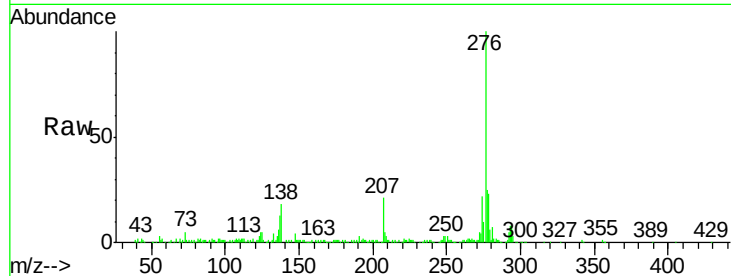
Tgt Ion:278 Resp: 95116

Ion Ratio Lower Upper

278 100

139 0.0 11.8 17.6#

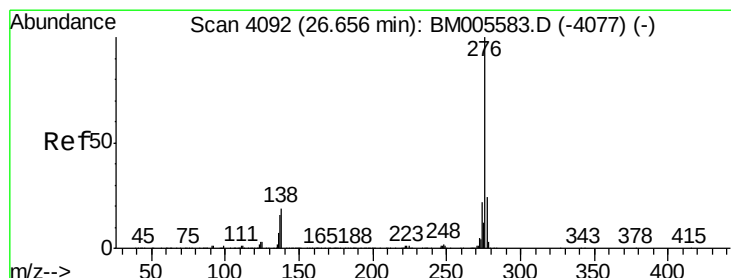
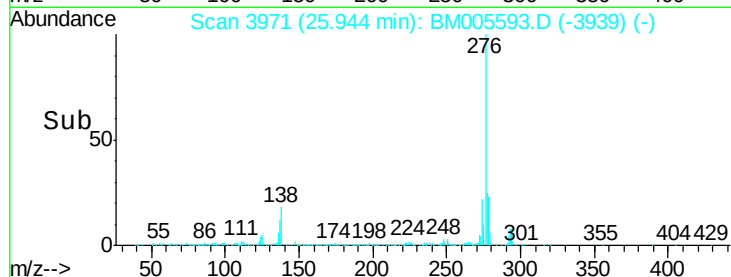
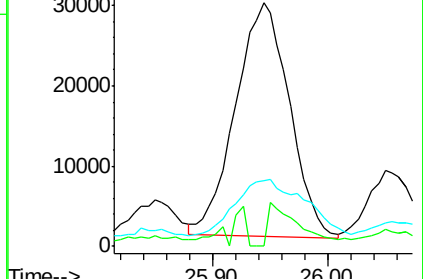
279 27.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 8.11 ng/ul

RT: 26.64 min Scan# 4090

Delta R.T. -0.01 min

Lab File: BM005593.D

Acq: 22 May 2016 19:02

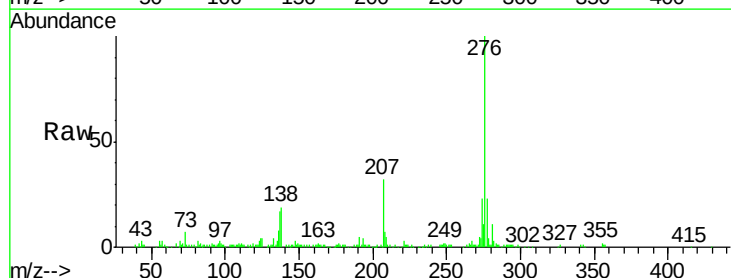
Tgt Ion:276 Resp: 279631

Ion Ratio Lower Upper

276 100

138 18.9 15.0 22.6

277 23.3 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

