

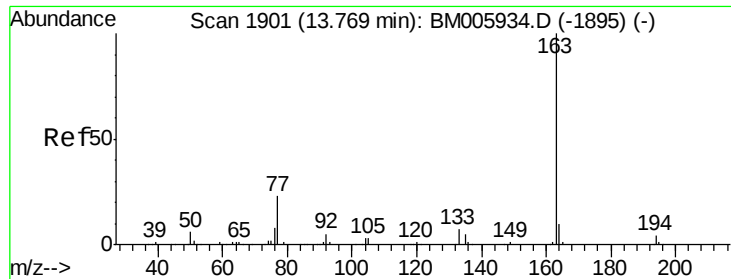
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062316\
 Data File : BM005941.D
 Acq On : 23 Jun 2016 22:12
 Operator : UM/SJ
 Sample : H3612-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z20

Quant Time: Jun 24 00:59:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 00:58:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.66
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.45
35) Acenaphthene-d10	14.31	164	955	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1517192	20.00	ng/ul	0.10
75) Chrysene-d12	21.25	240	3441	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	1759361	20.00	ng/ul	-0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	12052	0.00	ng/uL	0.00
5) Phenol-d5	6.83	99	460309	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	291548	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	350301	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	362540	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	162233	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	167641	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	337556	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	403349	0.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1061532	13989.92	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1343133	14172.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	165887	11183.53	ng/ul	0.00
57) Fluorene-d10	15.30	176	966898	14750.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	122236	16.17	ng/ul	0.00
70) Anthracene-d10	17.16	188	1517192	21.95	ng/ul	0.00
76) Pyrene-d10	19.45	212	1763058	11040.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1755420	22.14	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	13.77	163	336549	4394.68	ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	3205	213.79	ng/ul#	47
52) 4-Nitrophenol	14.52	109	524	36.93	ng/ul#	1
56) Diethylphthalate	15.14	149	2223	28.07	ng/ul#	88
58) Fluorene	15.30	166	2357	32.90	ng/ul#	11
60) 4-Nitroaniline	15.42	138	530	28.43	ng/ul#	1
77) Pyrene	19.49	202	3804	18.08	ng/ul#	84
78) Butylbenzylphthalate	20.40	149	880	10.02	ng/ul#	76
80) Benzo(a)anthracene	21.23	228	1430	7.00	ng/ul#	76
81) Bis(2-ethylhexyl)phthalate	21.18	149	56218	456.17	ng/ul	97
82) Chrysene	21.29	228	1178	6.25	ng/ul#	59

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



#44

Dimethylphthalate

Concen: 4394.68 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

Instrument :

BNA_M

ClientSampleId :

D9Z20

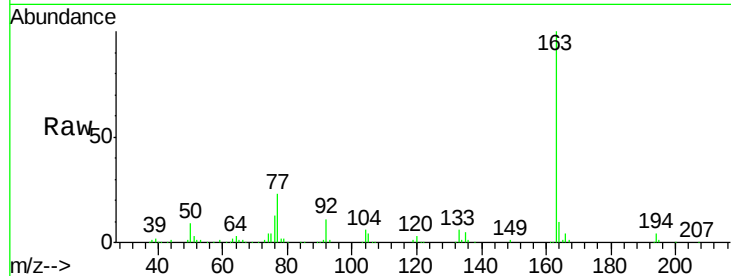
Tgt Ion:163 Resp: 336549

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

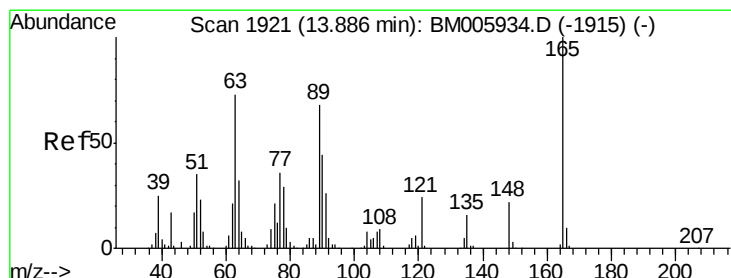
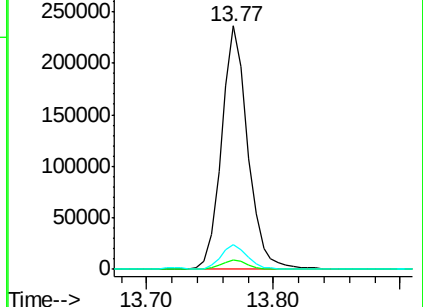
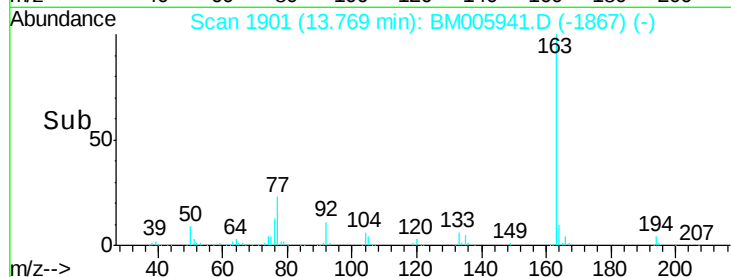
164 10.3 7.9 11.9



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



#45

2,6-Dinitrotoluene

Concen: 213.79 ng/ul

RT: 13.76 min Scan# 1900

Delta R.T. -0.12 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

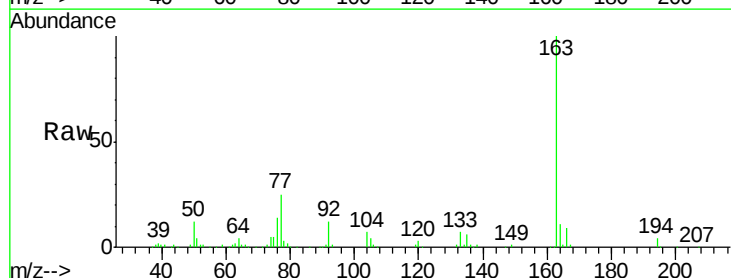
Tgt Ion:165 Resp: 3205

Ion Ratio Lower Upper

165 100

89 16.3 51.2 76.8#

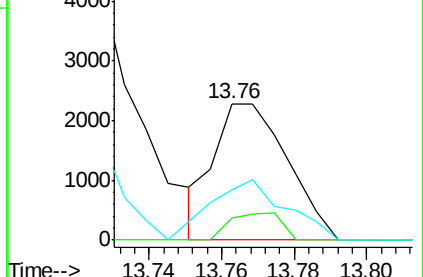
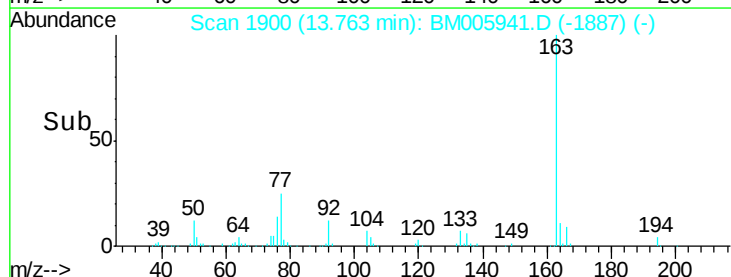
121 37.0 17.8 26.6#

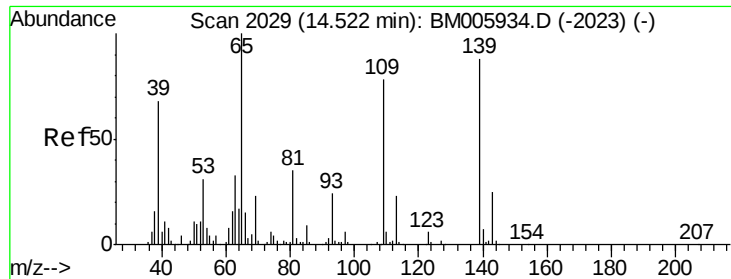


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#52

4-Nitrophenol

Concen: 36.93 ng/ul

RT: 14.52 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

Instrument :

BNA_M

ClientSampleId :

D9Z20

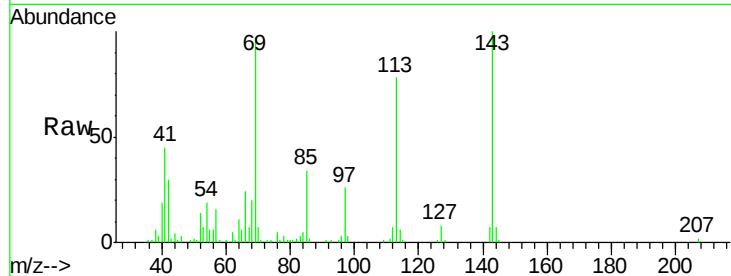
Tgt Ion:109 Resp: 524

Ion Ratio Lower Upper

109 100

139 0.0 93.1 139.7#

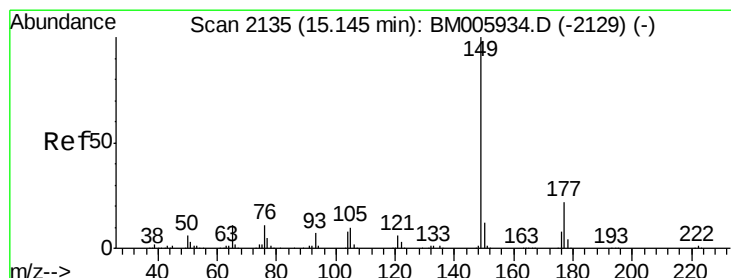
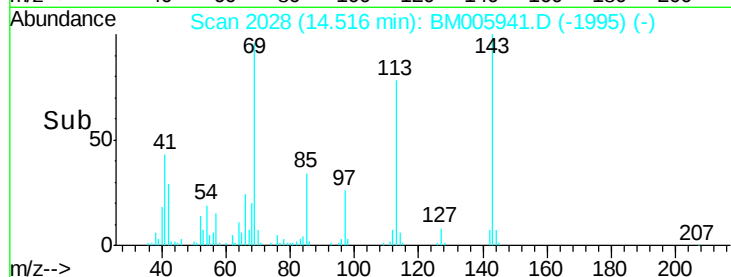
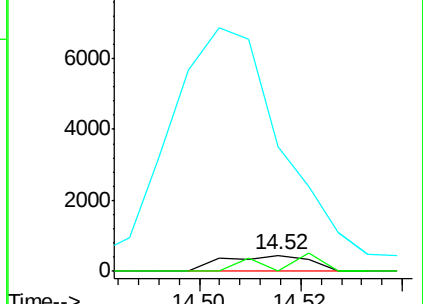
65 783.7 105.2 157.8#



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): BMC



#56

Diethylphthalate

Concen: 28.07 ng/ul

RT: 15.14 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

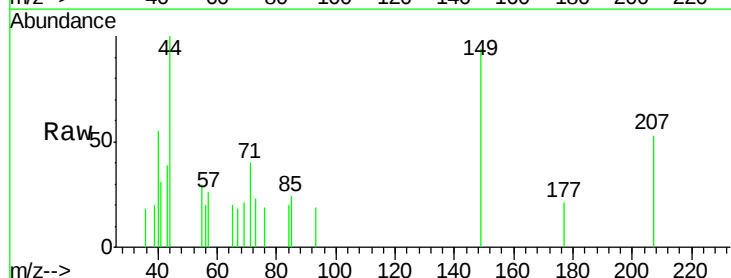
Tgt Ion:149 Resp: 2223

Ion Ratio Lower Upper

149 100

177 22.5 17.4 26.0

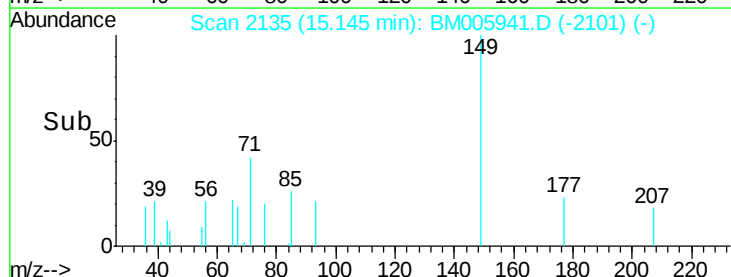
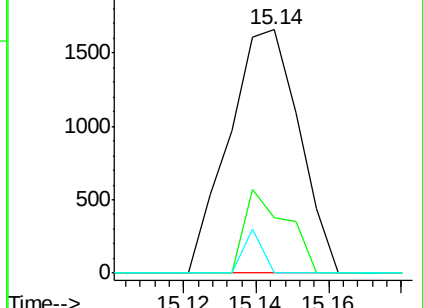
150 0.0 9.7 14.5#

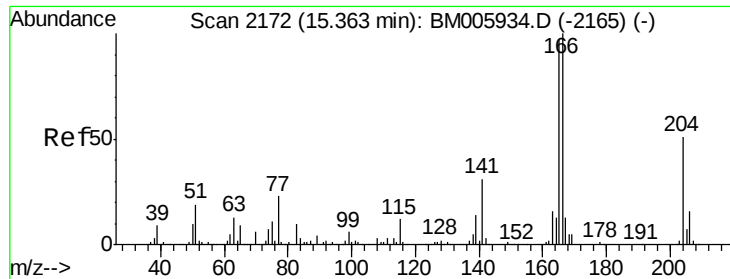


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 32.90 ng/ul

RT: 15.30 min Scan# 2162

Delta R.T. -0.06 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

Instrument :

BNA_M

ClientSampleId :

D9Z20

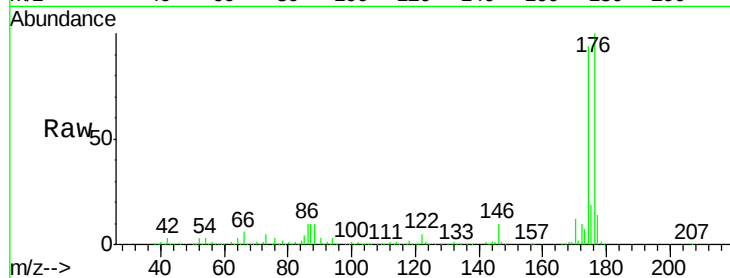
Tgt Ion:166 Resp: 2357

Ion Ratio Lower Upper

166 100

165 0.0 77.3 115.9#

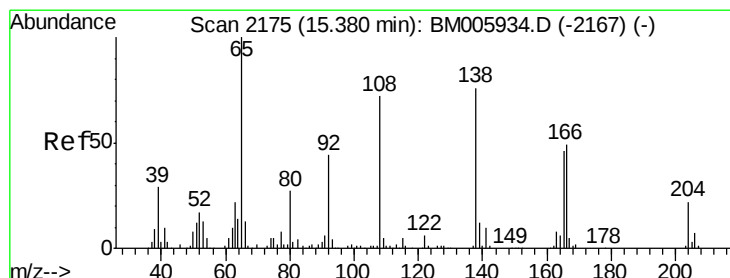
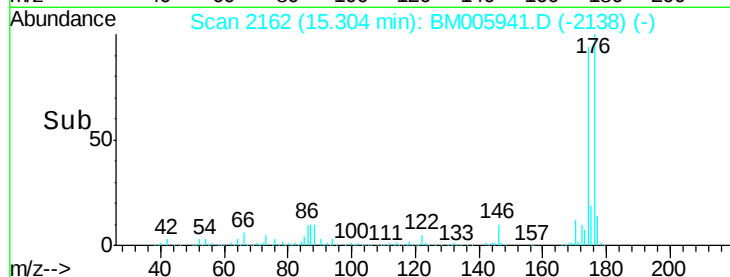
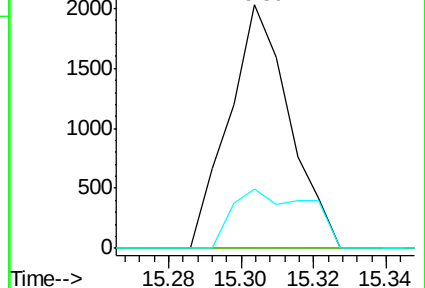
167 24.3 11.0 16.6#



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: 28.43 ng/ul

RT: 15.42 min Scan# 2182

Delta R.T. 0.04 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

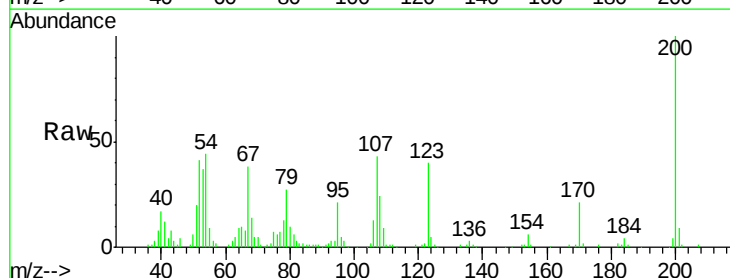
Tgt Ion:138 Resp: 530

Ion Ratio Lower Upper

138 100

92 414.6 46.3 69.5#

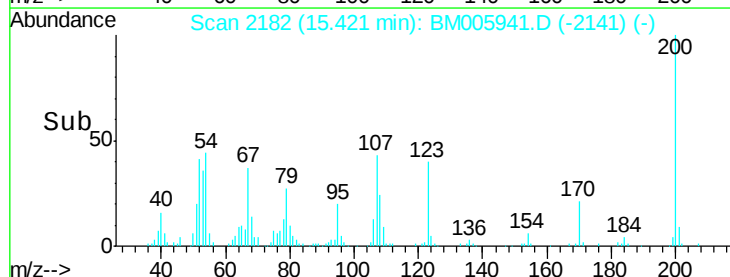
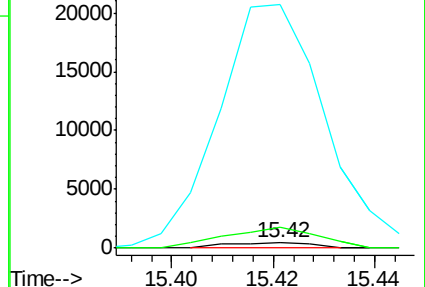
108 4860.1 76.0 114.0#

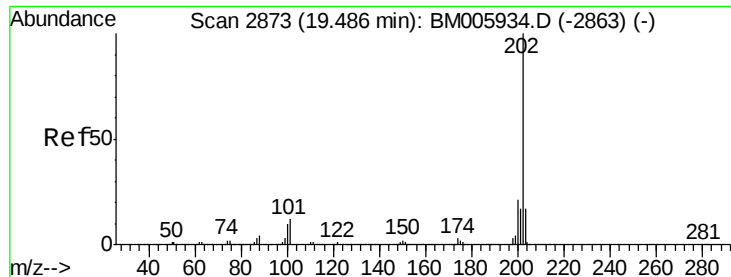


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#77

Pyrene

Concen: 18.08 ng/ul

RT: 19.49 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

Instrument :

BNA_M

ClientSampled :

D9Z20

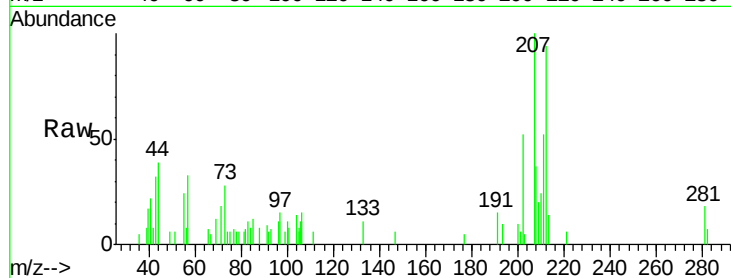
Tgt Ion:202 Resp: 3804

Ion Ratio Lower Upper

202 100

101 15.0 10.2 15.2

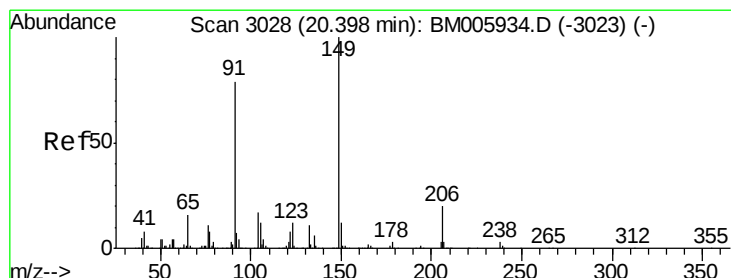
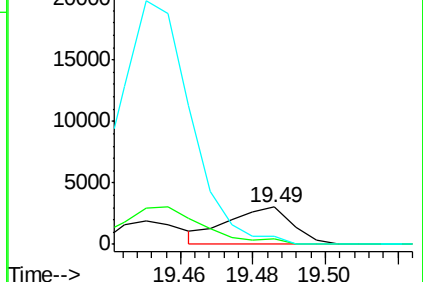
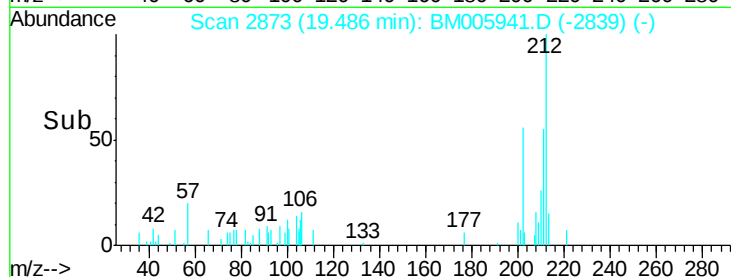
100 21.2 8.2 12.4#



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



#78

Butylbenzylphthalate

Concen: 10.02 ng/ul

RT: 20.40 min Scan# 3028

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

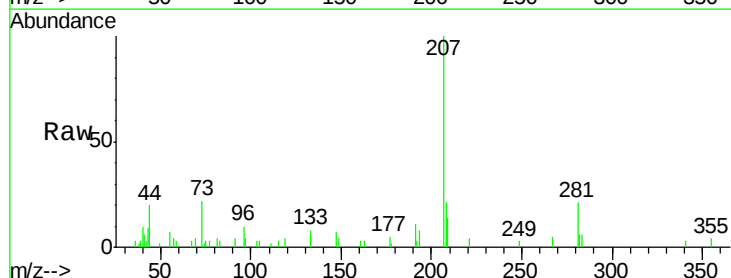
Tgt Ion:149 Resp: 880

Ion Ratio Lower Upper

149 100

91 90.6 60.2 90.4#

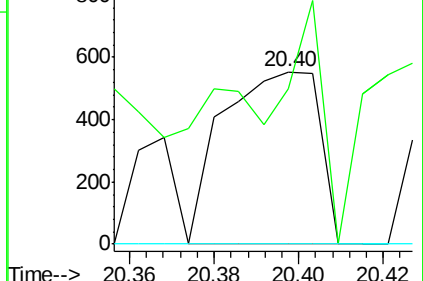
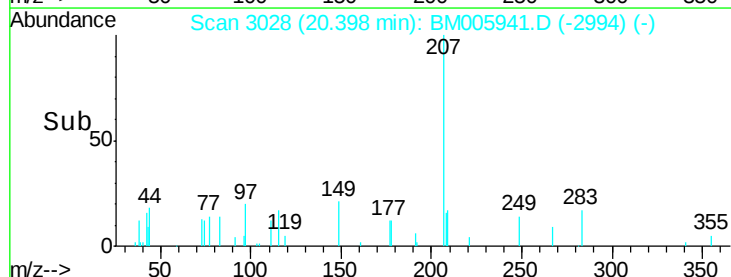
206 0.0 17.0 25.6#

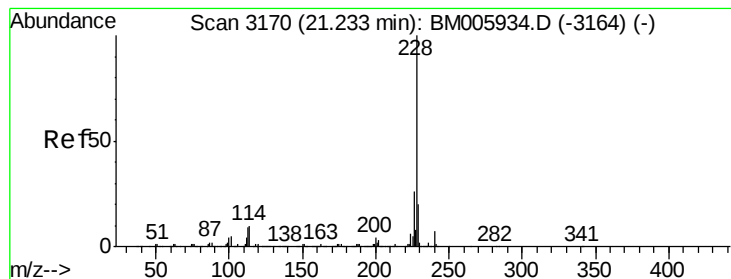


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 7.00 ng/ul

RT: 21.23 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

Instrument :

BNA_M

ClientSampleId :

D9Z20

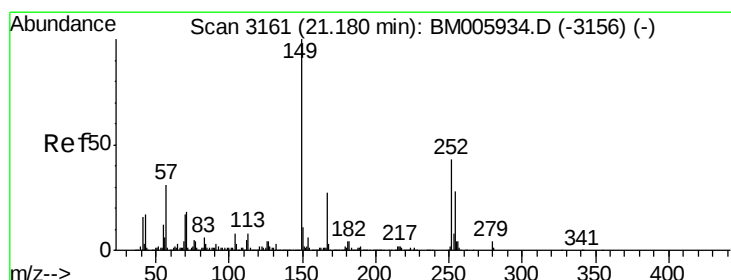
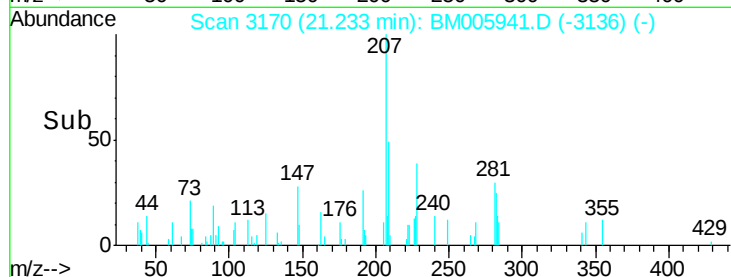
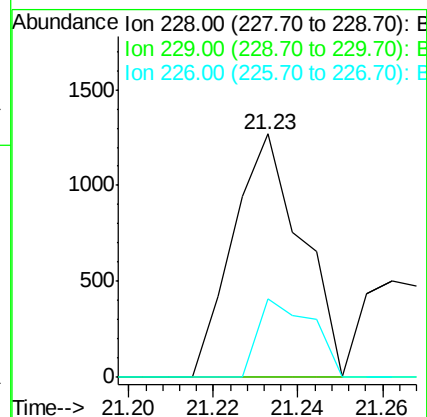
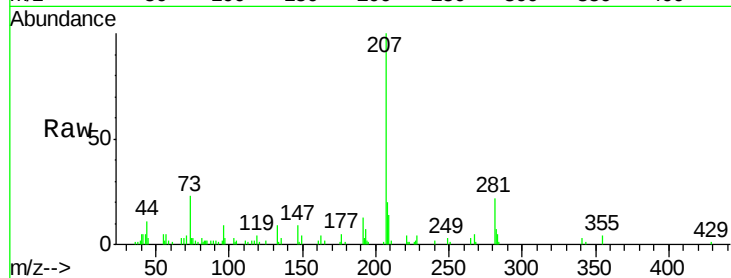
Tgt Ion:228 Resp: 1430

Ion Ratio Lower Upper

228 100

229 0.0 15.8 23.8#

226 32.0 21.6 32.4



#81

Bis(2-ethylhexyl)phthalate

Concen: 456.17 ng/ul

RT: 21.18 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

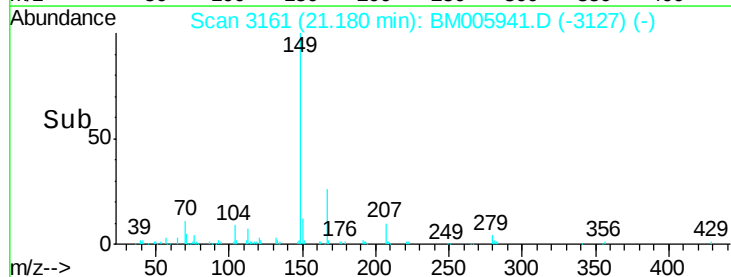
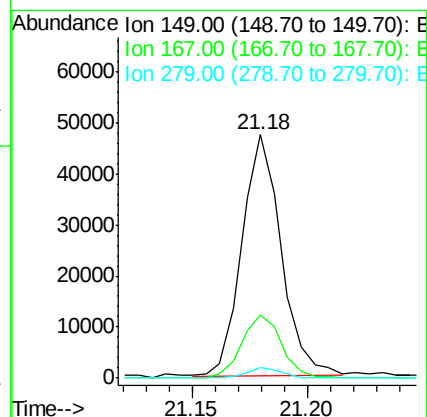
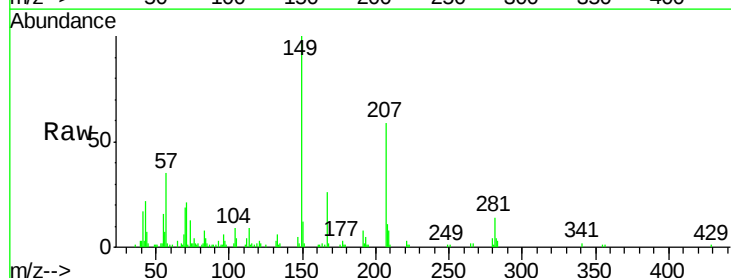
Tgt Ion:149 Resp: 56218

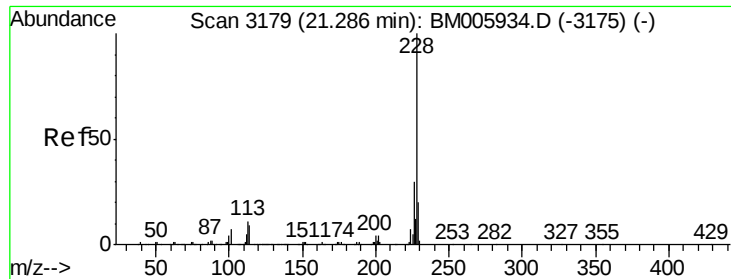
Ion Ratio Lower Upper

149 100

167 26.1 22.1 33.1

279 4.5 3.3 4.9





#82

Chrysene

Concen: 6.25 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BM005941.D

Acq: 23 Jun 2016 22:12

Instrument :

BNA_M

ClientSampleId :

D9Z20

Tgt Ion: 228 Resp: 1178

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

229 28.7 15.8 23.6#

