

Data File : BM009835.D
Acq On : 01 May 2017 18:08
Operator : SJ/MA
Sample : I2849-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST4DL

Quant Time: May 02 00:53:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 00:52:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	99663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	436763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	298911	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	755478	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1101781	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1160856	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	2129	0.98	ng/uL	0.01
5) Phenol-d5	6.99	99	38117	3.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	33936	4.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	25731	3.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5347	0.63	ng/ul	-0.16
19) Nitrobenzene-d5	8.99	128	19884	5.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	17191	4.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	30099	4.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	28636	3.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	108543	4.17	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	141719	4.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	15585	3.11	ng/ul	0.00
57) Fluorene-d10	15.46	176	113251	4.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	13682	2.57	ng/ul	0.00
70) Anthracene-d10	17.32	188	182410	4.70	ng/ul	0.00
76) Pyrene-d10	19.61	212	229745	4.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	268363	4.75	ng/ul	0.00

Target Compounds				Qvalue		
4) Benzaldehyde	6.95	77	32316	4.58	ng/ul#	1
14) Acetophenone	8.75	105	58135	4.19	ng/ul	82
17) Hexachloroethane	8.90	117	107265	32.75	ng/ul#	11
20) Nitrobenzene	8.99	77	19886	1.72	ng/ul#	32
28) Naphthalene	10.66	128	162071	6.97	ng/ul#	93
34) 2-Methylnaphthalene	12.27	142	361883	20.23	ng/ul	100
40) 1,1'-Biphenyl	13.29	154	28615	1.16	ng/ul#	90
44) Dimethylphthalate	13.92	163	26487	1.03	ng/ul#	88
49) Acenaphthene	14.54	153	22954	1.09	ng/ul#	54
54) 2,4-Dinitrotoluene	14.86	165	11428	1.47	ng/ul#	97
58) Fluorene	15.52	166	45410	1.73	ng/ul#	95
64) N-Nitrosodiphenylamine	15.72	169	49808	2.15	ng/ul#	44
69) Phenanthrene	17.26	178	136926	3.15	ng/ul#	95
81) Bis(2-ethylhexyl)phthalate	21.29	149	88938	2.27	ng/ul#	83

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

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ClientSampleId :

JHST4DL

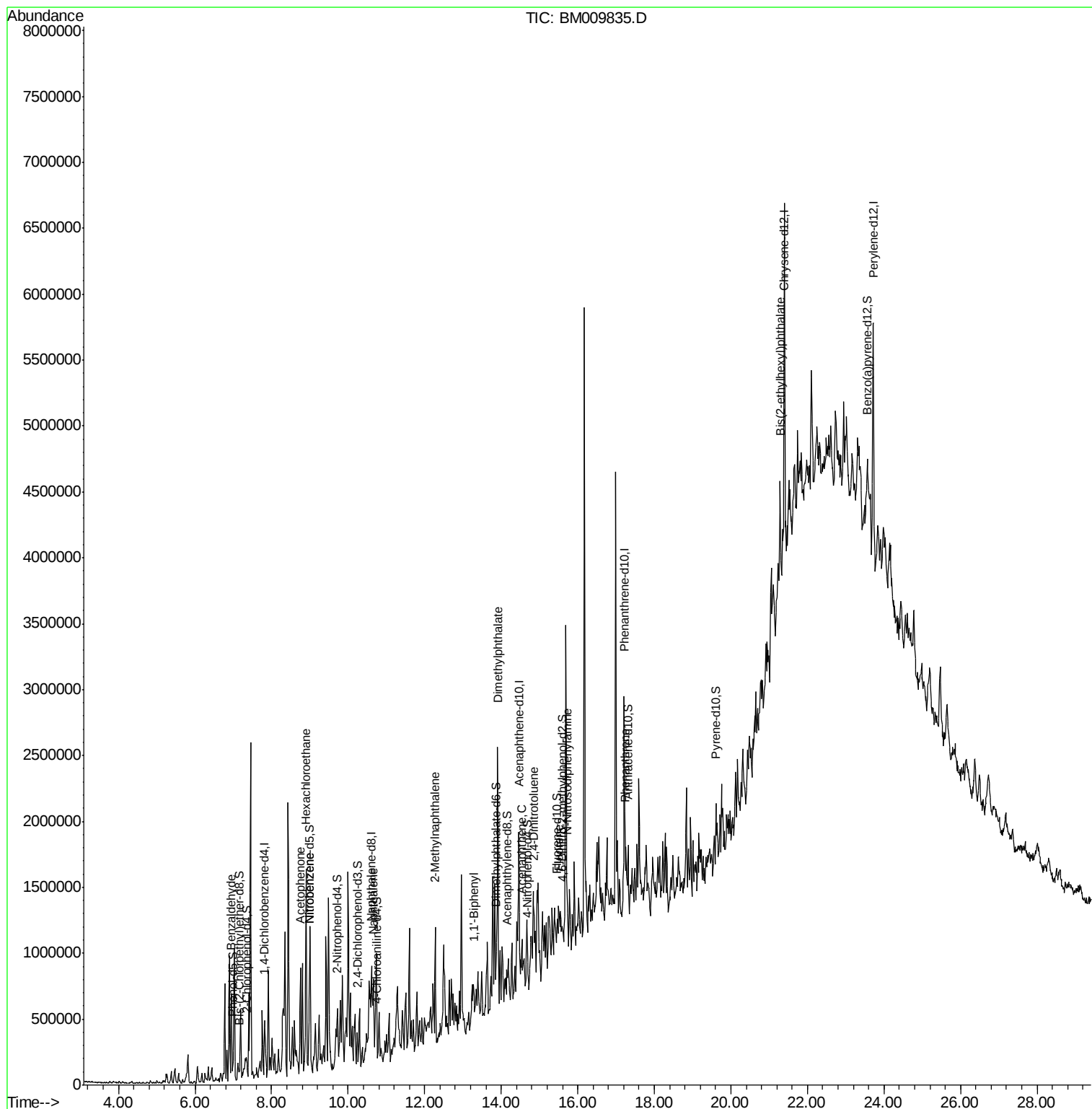
Quant Time: May 02 00:53:20 2017

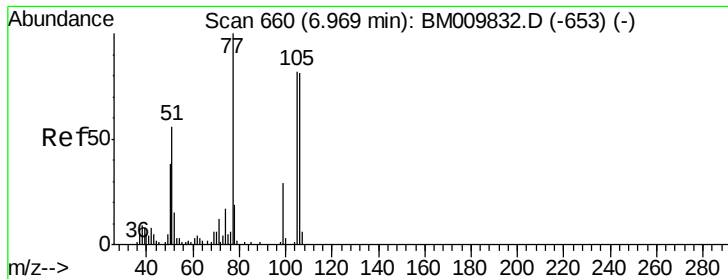
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 02 00:52:56 2017

Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.58 ng/ul

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

JHST4DL

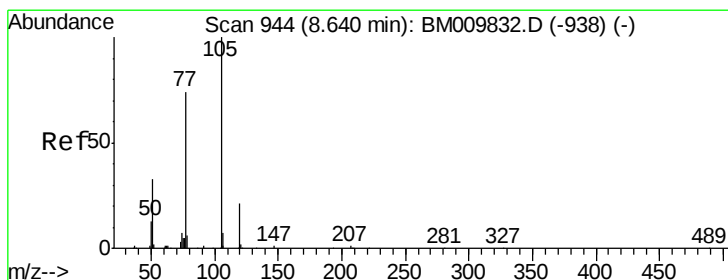
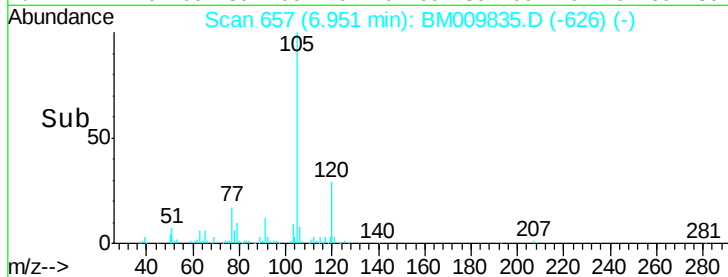
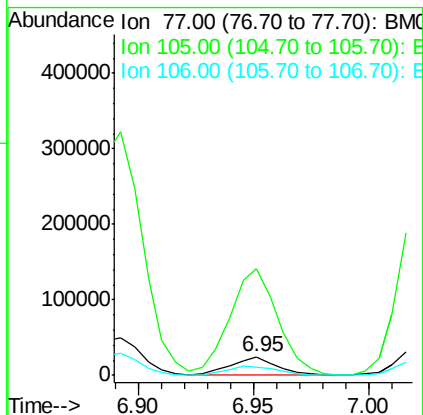
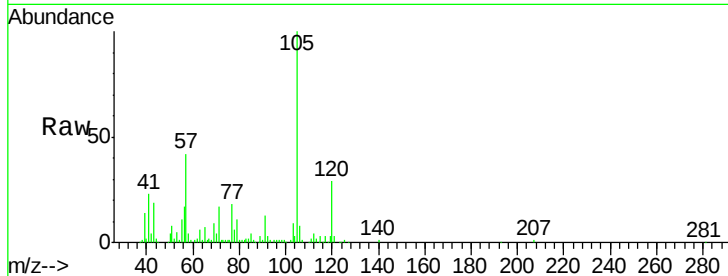
Tgt Ion: 77 Resp: 32316

Ion Ratio Lower Upper

77 100

105 570.4 54.8 82.2#

106 45.5 50.2 75.4#



#14

Acetophenone

Concen: 4.19 ng/ul

RT: 8.75 min Scan# 963

Delta R.T. 0.11 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

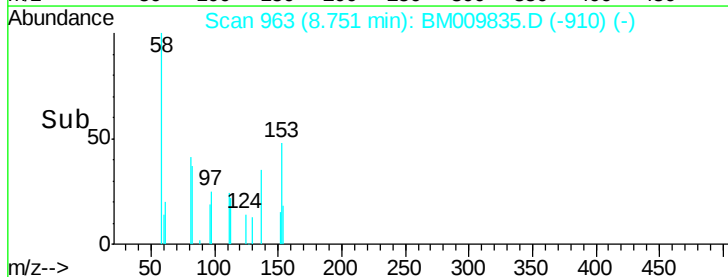
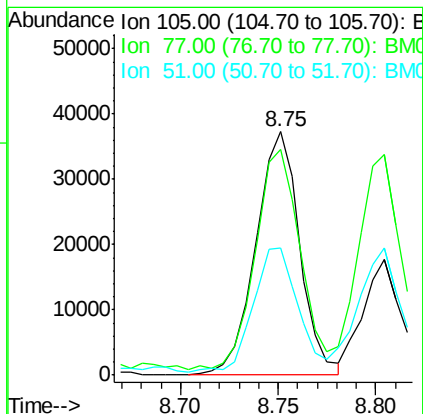
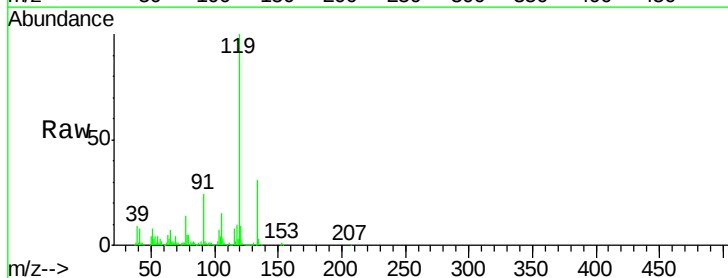
Tgt Ion: 105 Resp: 58135

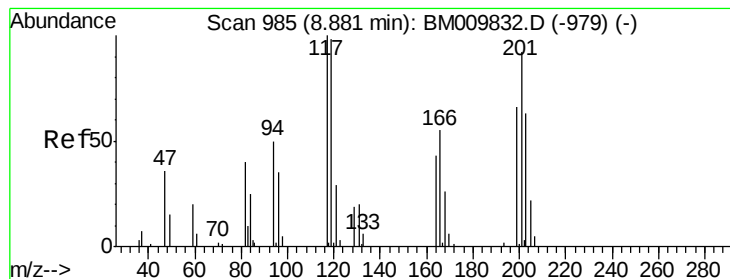
Ion Ratio Lower Upper

105 100

77 92.9 91.7 137.5

51 52.3 50.8 76.2





#17

Hexachloroethane

Concen: 32.75 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

JHST4DL

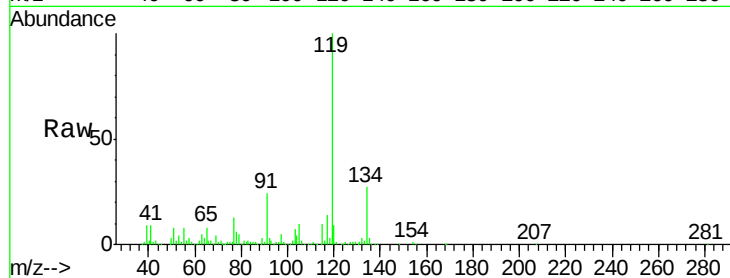
Tgt Ion:117 Resp: 107265

Ion Ratio Lower Upper

117 100

201 0.0 71.0 106.6#

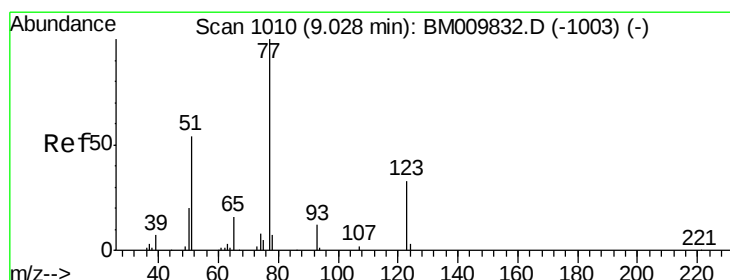
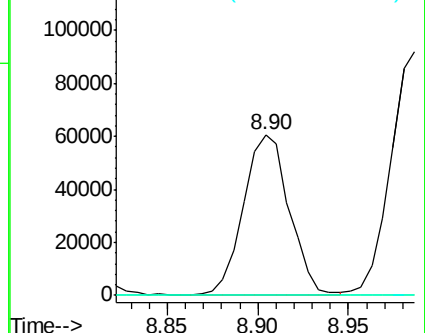
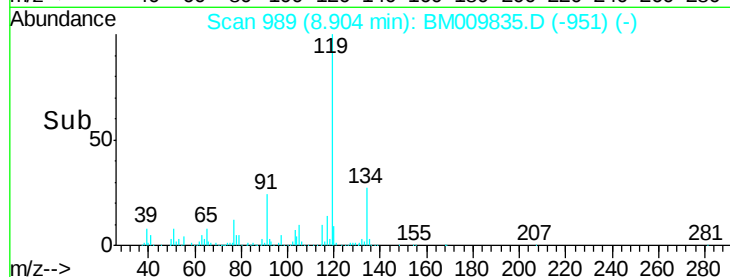
199 0.0 47.8 71.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 1.72 ng/ul

RT: 8.99 min Scan# 1003

Delta R.T. -0.04 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

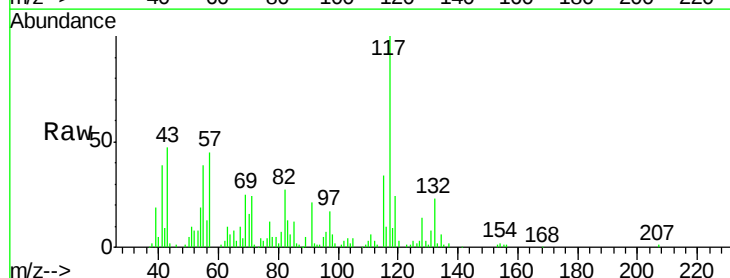
Tgt Ion: 77 Resp: 19886

Ion Ratio Lower Upper

77 100

123 4.6 20.8 31.2#

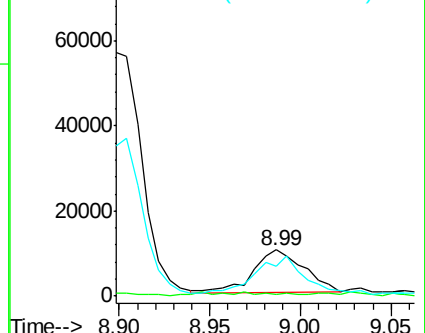
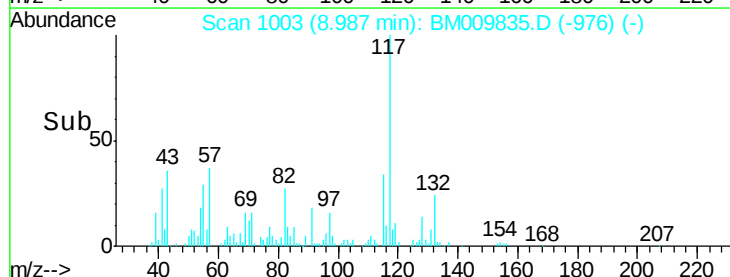
65 65.3 14.7 22.1#

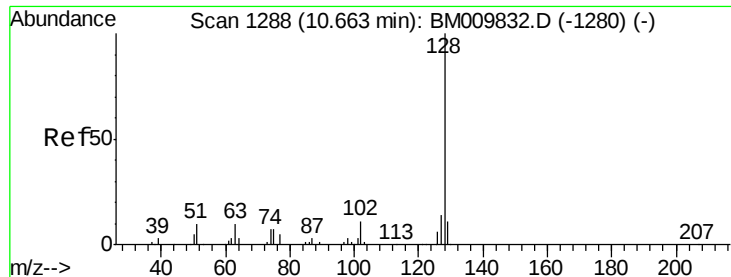


Abundance Ion 77.00 (76.70 to 77.70): BMC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BMC

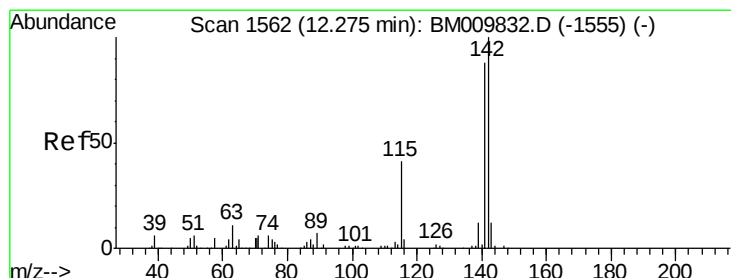
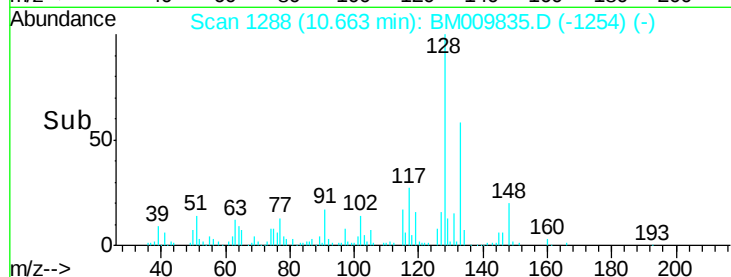
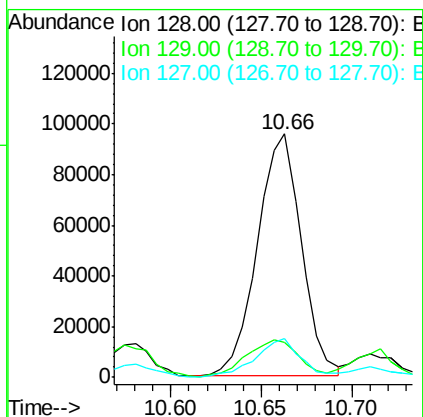
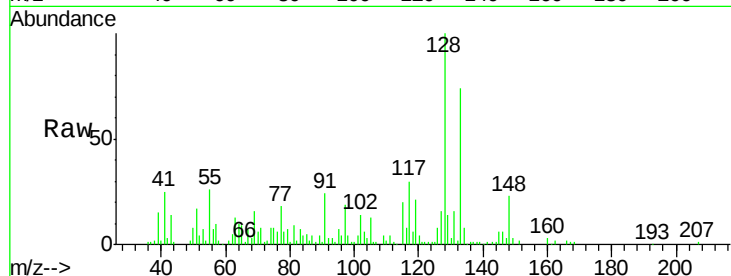




#28
Naphthalene
Concen: 6.97 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM009835.D
Acq: 01 May 2017 18:08

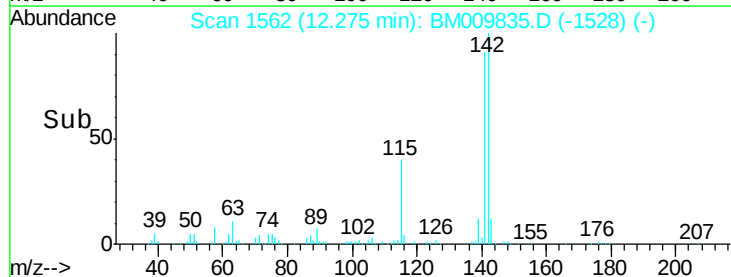
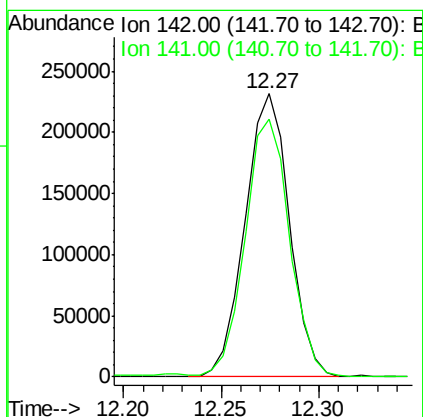
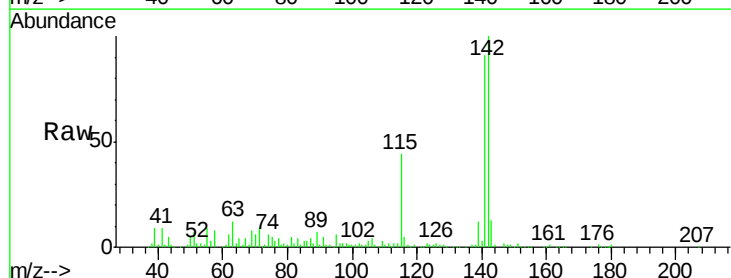
Instrument :
BNA_M
ClientSampleId :
JHST4DL

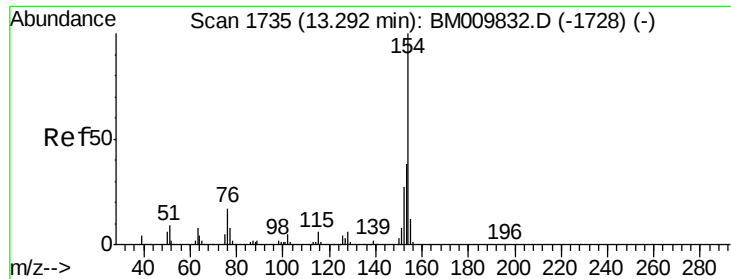
Tgt Ion:128 Resp: 162071
Ion Ratio Lower Upper
128 100
129 14.2 9.7 14.5
127 16.0 10.2 15.4#



#34
2-Methylnaphthalene
Concen: 20.23 ng/ul
RT: 12.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM009835.D
Acq: 01 May 2017 18:08

Tgt Ion:142 Resp: 361883
Ion Ratio Lower Upper
142 100
141 91.1 72.6 109.0

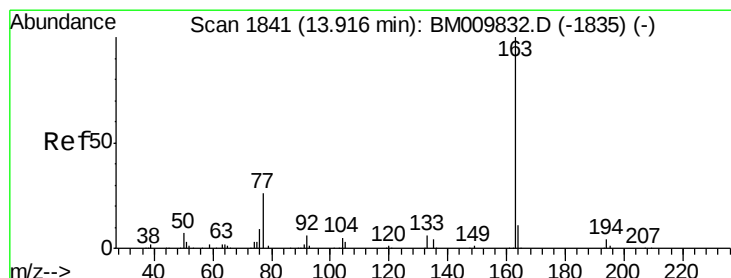
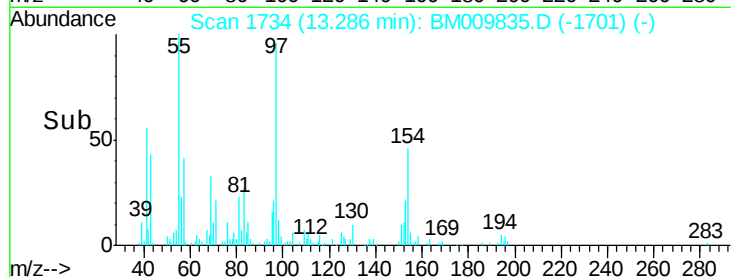
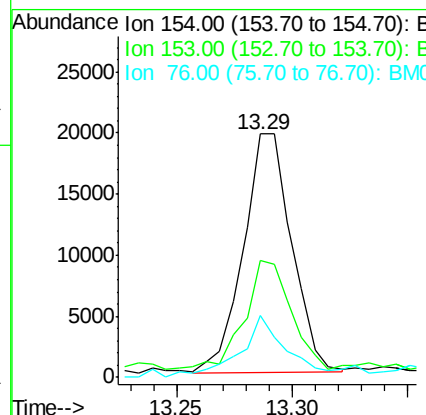
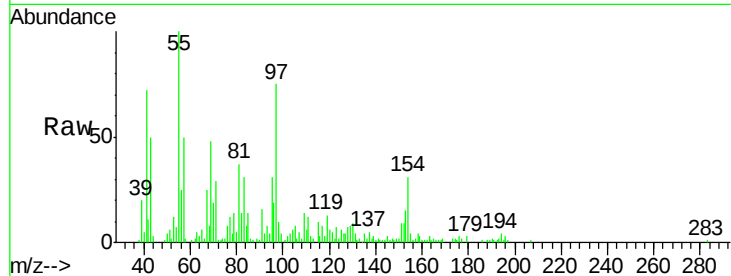




#40
 1,1'-Biphenyl
 Concen: 1.16 ng/ul
 RT: 13.29 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BM009835.D
 Acq: 01 May 2017 18:08

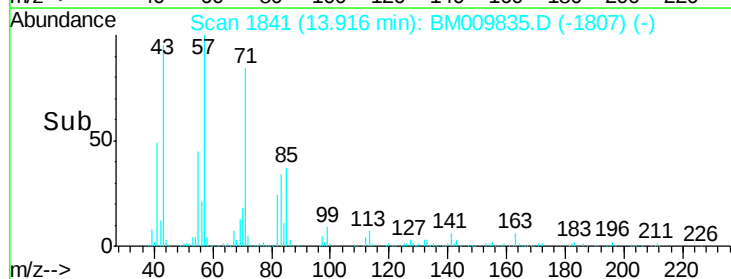
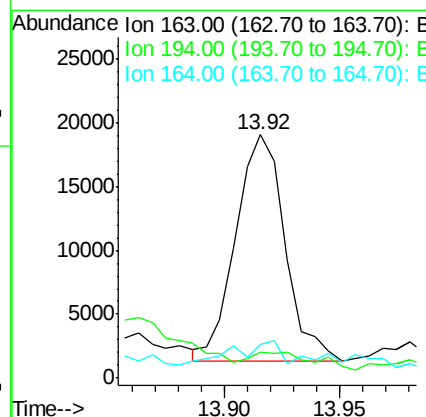
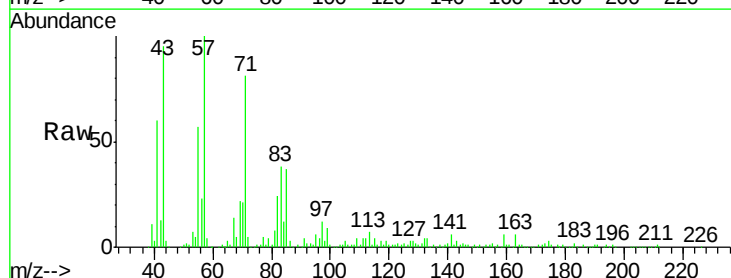
Instrument :
 BNA_M
 ClientSampled :
 JHST4DL

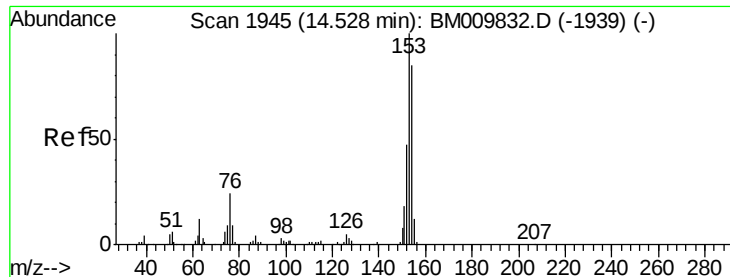
Tgt Ion:154 Resp: 28615
 Ion Ratio Lower Upper
 154 100
 153 47.9 35.7 53.5
 76 25.2 12.4 18.6#



#44
 Dimethylphthalate
 Concen: 1.03 ng/ul
 RT: 13.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BM009835.D
 Acq: 01 May 2017 18:08

Tgt Ion:163 Resp: 26487
 Ion Ratio Lower Upper
 163 100
 194 10.9 3.0 4.6#
 164 13.8 8.6 12.8#





#49

Acenaphthene

Concen: 1.09 ng/ul

RT: 14.54 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

JHST4DL

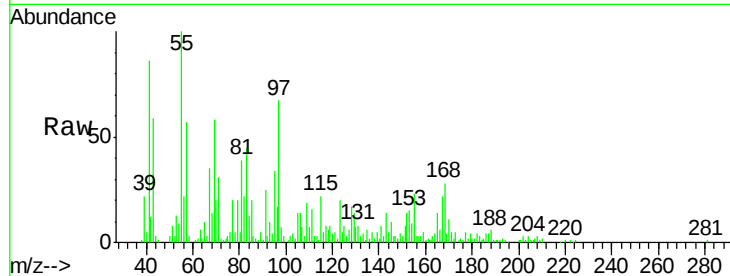
Tgt Ion:153 Resp: 22954

Ion Ratio Lower Upper

153 100

152 96.4 36.7 55.1#

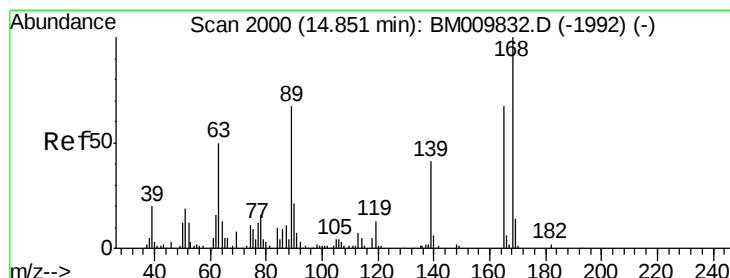
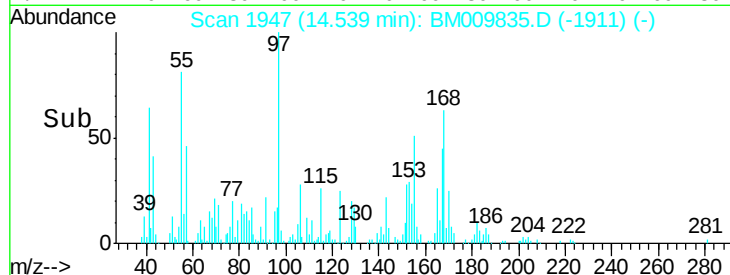
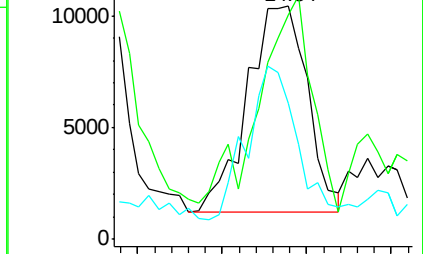
154 58.5 68.3 102.5#



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



#54

2,4-Dinitrotoluene

Concen: 1.47 ng/ul

RT: 14.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

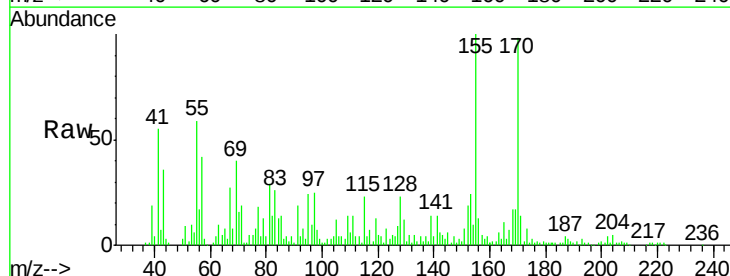
Tgt Ion:165 Resp: 11428

Ion Ratio Lower Upper

165 100

63 92.5 75.7 113.5

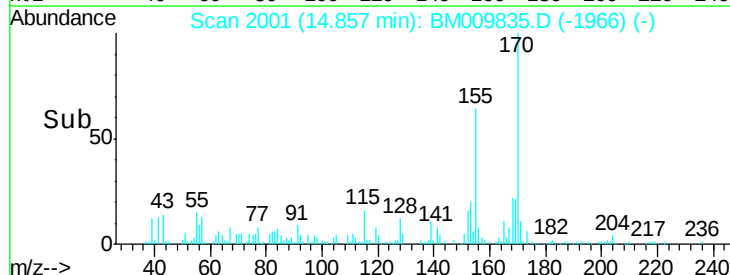
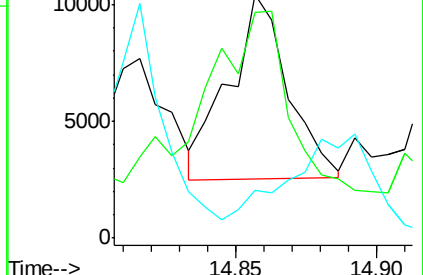
182 19.6 1.7 2.5#

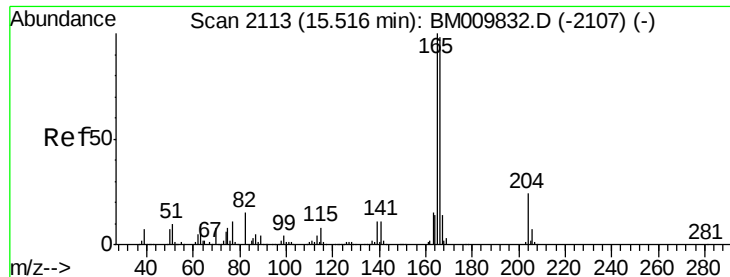


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.73 ng/ul

RT: 15.52 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

Instrument :

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JHST4DL

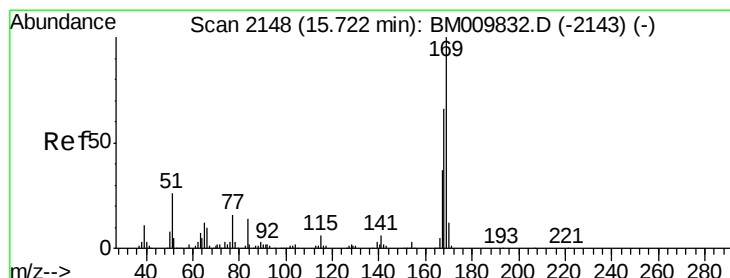
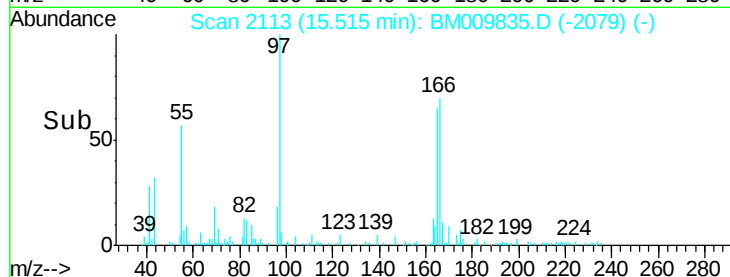
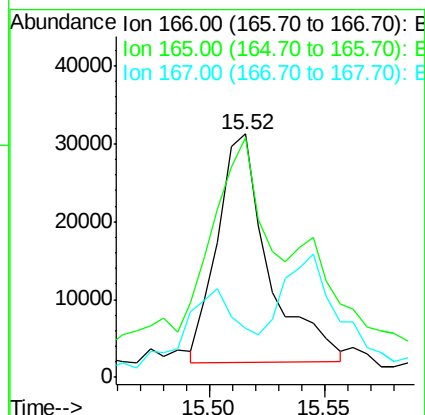
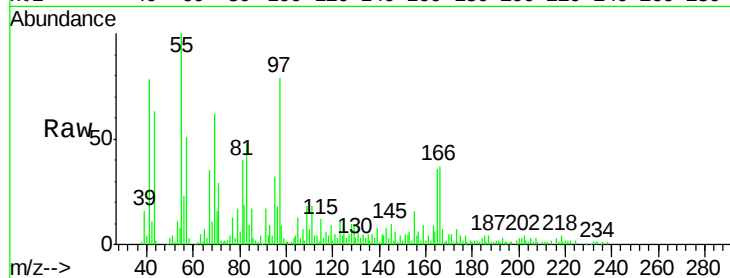
Tgt Ion:166 Resp: 45410

Ion Ratio Lower Upper

166 100

165 98.3 81.0 121.6

167 20.2 10.5 15.7#



#64

N-Nitrosodiphenylamine

Concen: 2.15 ng/ul

RT: 15.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

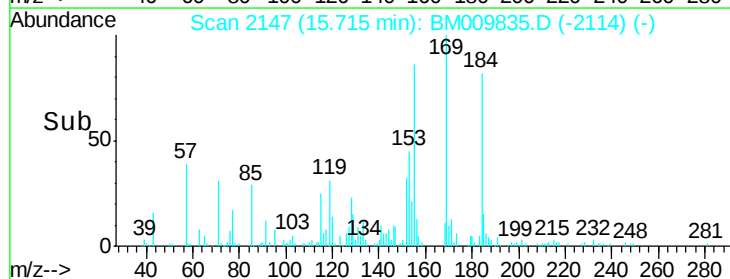
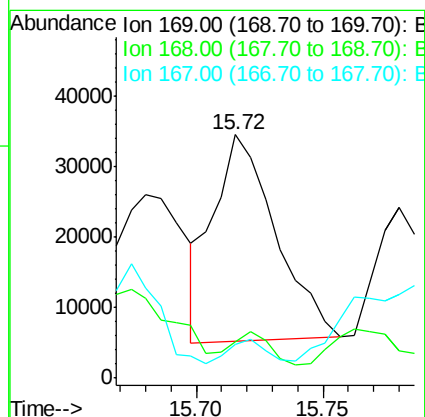
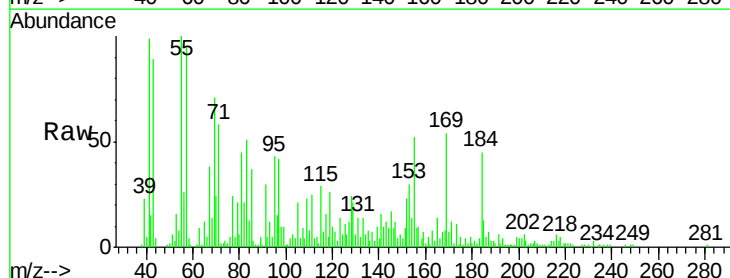
Tgt Ion:169 Resp: 49808

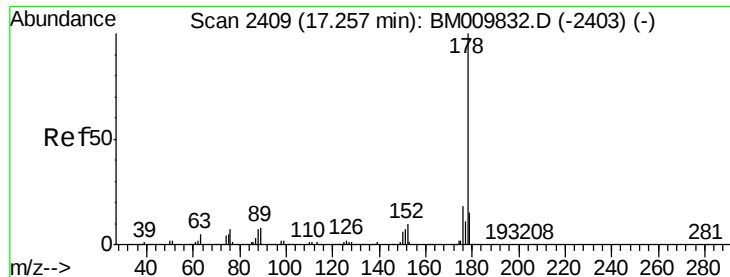
Ion Ratio Lower Upper

169 100

168 14.7 53.4 80.2#

167 13.6 30.2 45.2#





#69

Phenanthrene

Concen: 3.15 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

JHST4DL

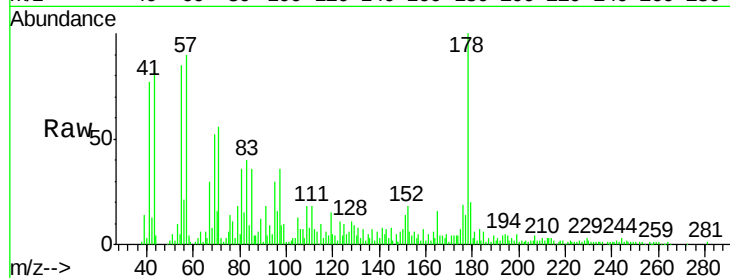
Tgt Ion:178 Resp: 136926

Ion Ratio Lower Upper

178 100

179 20.2 12.6 19.0#

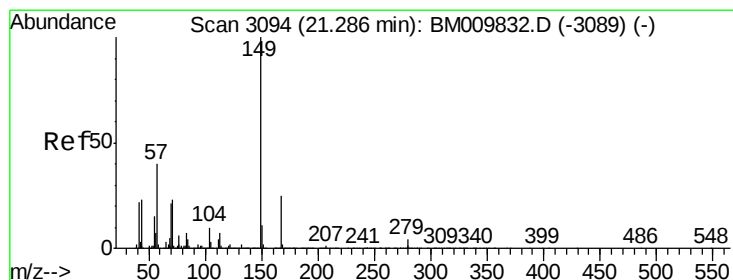
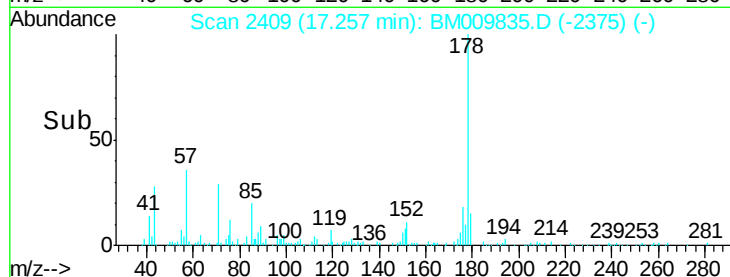
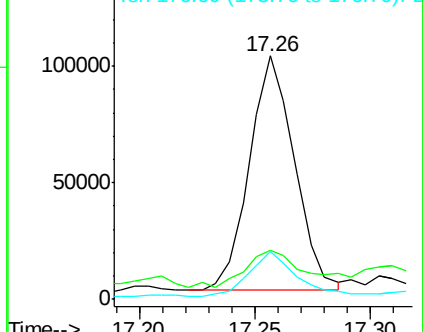
176 19.4 15.8 23.6



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.27 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM009835.D

Acq: 01 May 2017 18:08

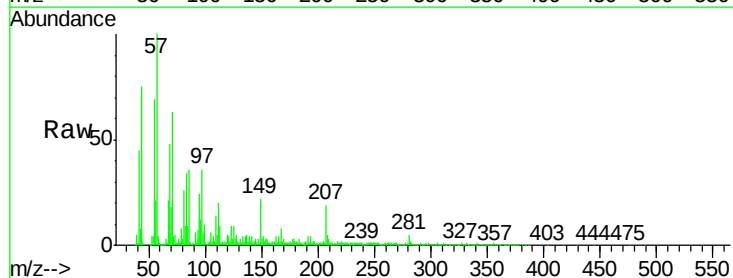
Tgt Ion:149 Resp: 88938

Ion Ratio Lower Upper

149 100

167 35.1 20.2 30.2#

279 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

