

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000576.D
 Acq On : 21 Feb 2015 02:12
 Operator : TP/IZ
 Sample : MDL-BLK-S
 Misc : MDL-SOIL-BLK-ML
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Feb 21 03:38:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 03:20:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	100282	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	415314	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	252776	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	537046	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	504712	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	417491	20.00	ng/ul	0.00

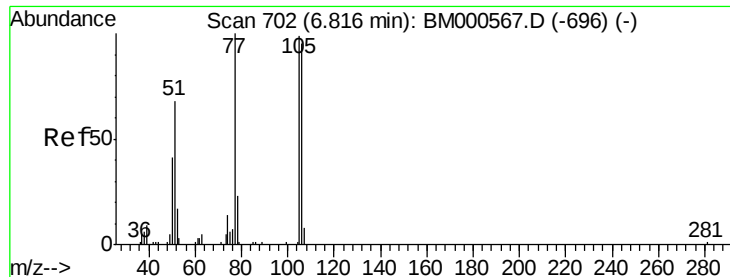
System Monitoring Compounds

3) Phenol-d5	6.85	99	246154	33.72	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	157361	36.48	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	216525	34.86	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	205211	33.16	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	103191	37.03	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	122787	38.06	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	225556	33.00	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	304903	50.01	ng/ul	0.00
41) Dimethylphthalate-d6	13.73	166	695040	37.99	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	898943	36.67	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	96822	33.09	ng/ul	0.00
55) Fluorene-d10	15.32	176	648934	36.29	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	82602	26.46	ng/ul	0.00
68) Anthracene-d10	17.16	188	943590	37.15	ng/ul	0.00
76) Pyrene-d10	19.46	212	967263	32.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	743787	38.00	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.85	77	333	0.08	ng/ul#	2
6) Bis(2-Chloroethyl)ether	7.10	93	616	0.11	ng/ul#	80
10) 2,2'-oxybis(1-Chloropropan	8.37	45	1677	0.14	ng/ul#	75
13) N-Nitroso-di-n-propylamine	8.38	70	5183	1.09	ng/ul#	1
18) Nitrobenzene	8.83	77	728	0.10	ng/ul#	40
19) Isophorone	9.55	82	12456	1.01	ng/ul#	70
42) Dimethylphthalate	13.74	163	437	0.02	ng/ul#	1
43) 2,6-Dinitrotoluene	13.74	165	5304	1.49	ng/ul#	37
56) Fluorene	15.32	166	1443	0.07	ng/ul#	8
62) N-Nitrosodiphenylamine	15.44	169	539	0.03	ng/ul#	33
77) Pyrene	19.46	202	1213	0.03	ng/ul#	1
78) Butylbenzylphthalate	20.47	149	290	0.02	ng/ul#	25
80) Benzo(a)anthracene	21.26	228	937	0.03	ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.17	149	611	0.04	ng/ul#	50
82) Chrysene	21.26	228	937	0.03	ng/ul#	51
84) Di-n-octyl phthalate	22.05	149	108	0.00	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	112	0.00	ng/ul#	1
86) Benzo(k)fluoranthene	22.83	252	148	0.01	ng/ul#	61
88) Benzo(a)pyrene	23.37	252	139	0.01	ng/ul#	1

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



#2

Benzaldehyde

Concen: 0.08 ng/ul

RT: 6.85 min Scan# 708

Delta R.T. 0.04 min

Lab File: BM000576.D

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Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

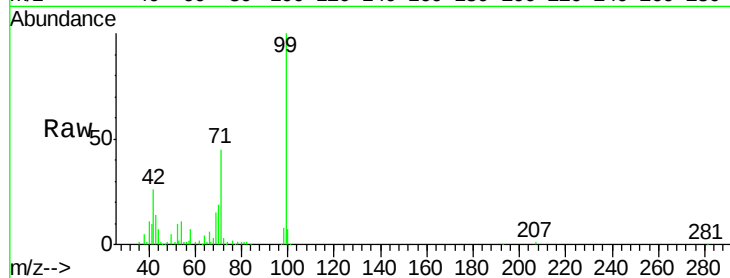
Tgt Ion: 77 Resp: 333

Ion Ratio Lower Upper

77 100

105 0.0 78.6 117.8#

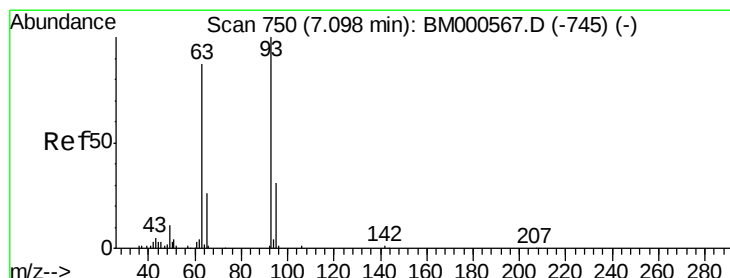
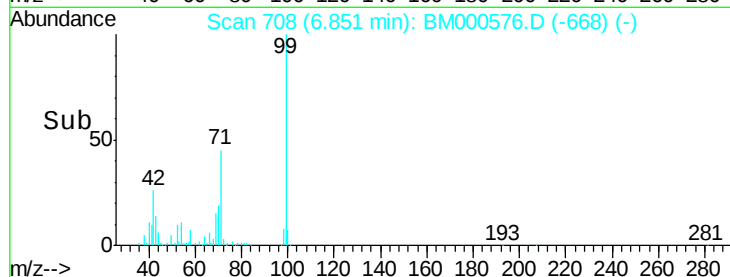
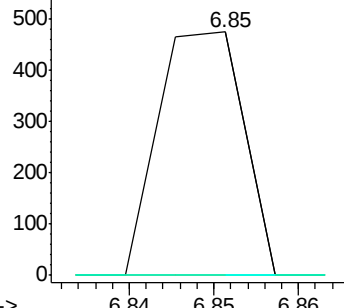
106 0.0 74.2 111.4#



Abundance Ion 77.00 (76.70 to 77.70): BM000576.D (-668) (-)

Ion 105.00 (104.70 to 105.70): BM000576.D (-668) (-)

Ion 106.00 (105.70 to 106.70): BM000576.D (-668) (-)



#6

Bis(2-Chloroethyl)ether

Concen: 0.11 ng/ul

RT: 7.10 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

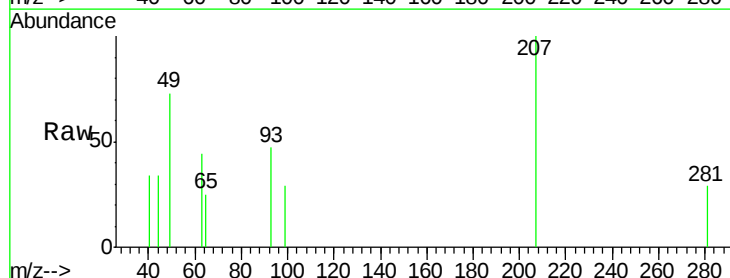
Tgt Ion: 93 Resp: 616

Ion Ratio Lower Upper

93 100

63 94.1 71.2 106.8

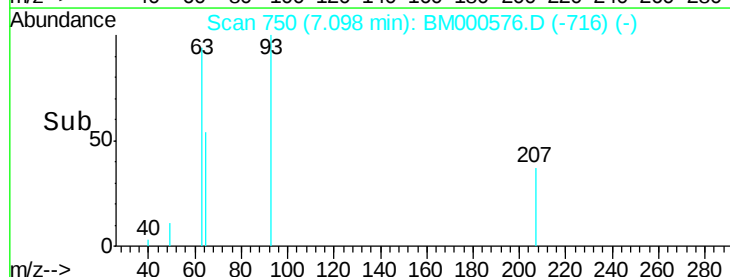
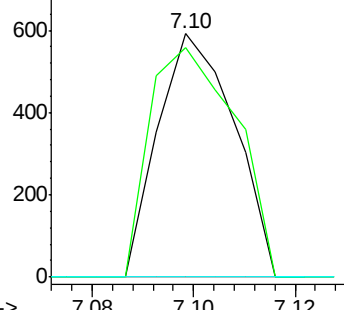
95 0.0 26.1 39.1#

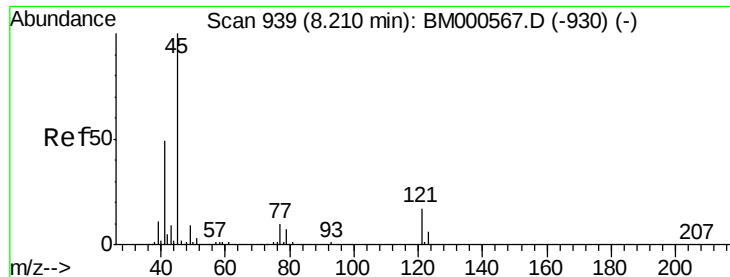


Abundance Ion 93.00 (92.70 to 93.70): BM000576.D (-716) (-)

Ion 63.00 (62.70 to 63.70): BM000576.D (-716) (-)

Ion 95.00 (94.70 to 95.70): BM000576.D (-716) (-)

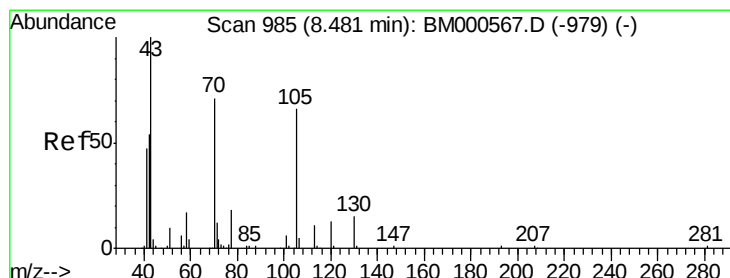
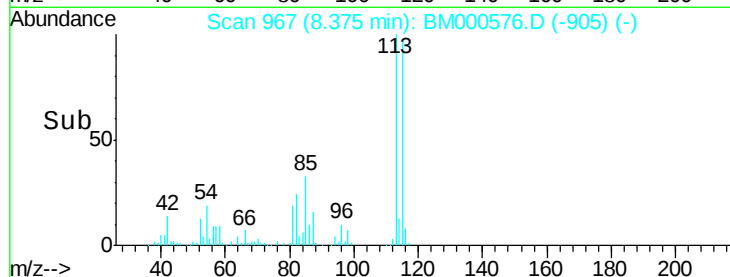
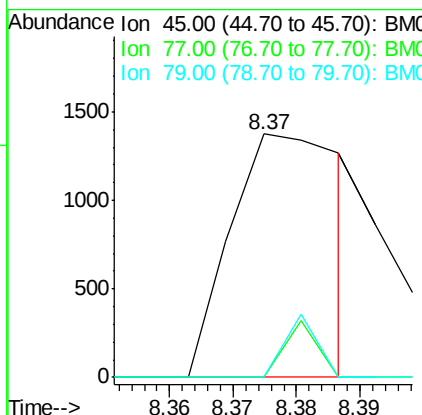
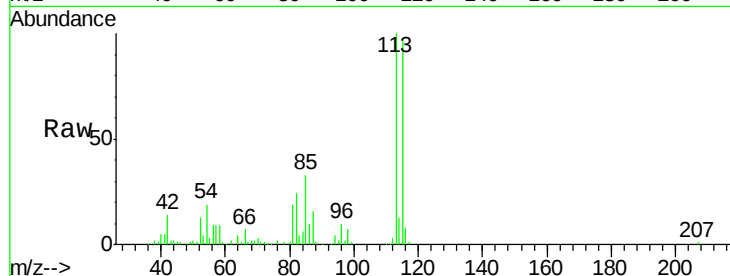




#10
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.14 ng/ul
 RT: 8.37 min Scan# 967
 Delta R.T. 0.16 min
 Lab File: BM000576.D
 Acq: 21 Feb 2015 02:12

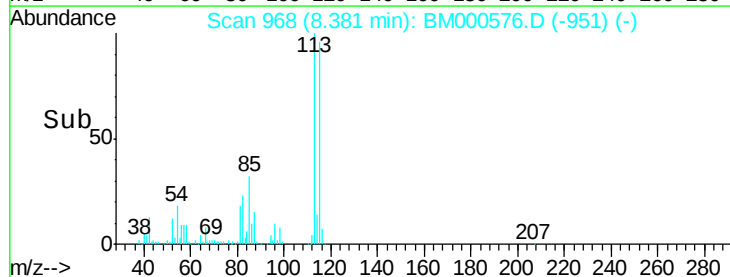
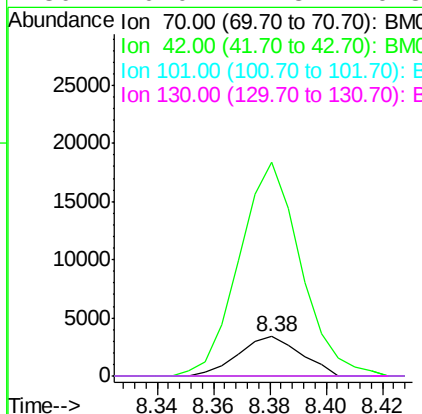
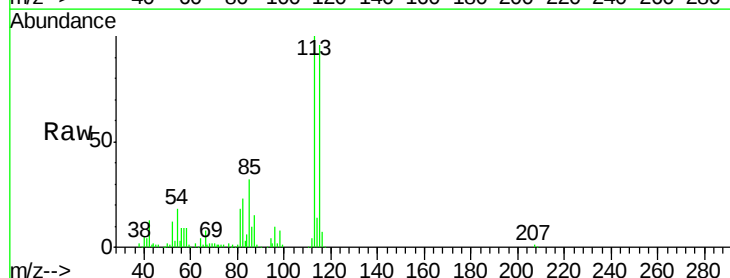
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

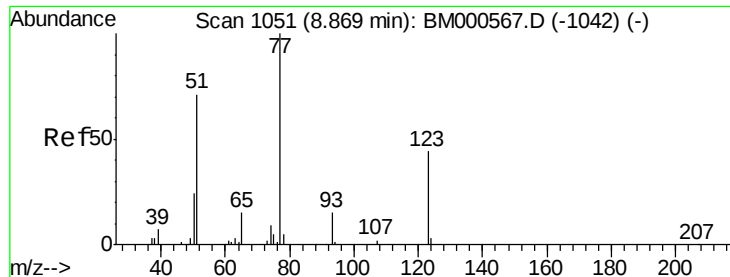
Tgt Ion: 45 Resp: 1677
 Ion Ratio Lower Upper
 45 100
 77 0.0 8.2 12.2#
 79 0.0 5.8 8.6#



#13
 N-Nitroso-di-n-propylamine
 Concen: 1.09 ng/ul
 RT: 8.38 min Scan# 968
 Delta R.T. -0.10 min
 Lab File: BM000576.D
 Acq: 21 Feb 2015 02:12

Tgt Ion: 70 Resp: 5183
 Ion Ratio Lower Upper
 70 100
 42 540.4 63.3 94.9#
 101 0.0 8.2 12.4#
 130 0.0 17.8 26.8#

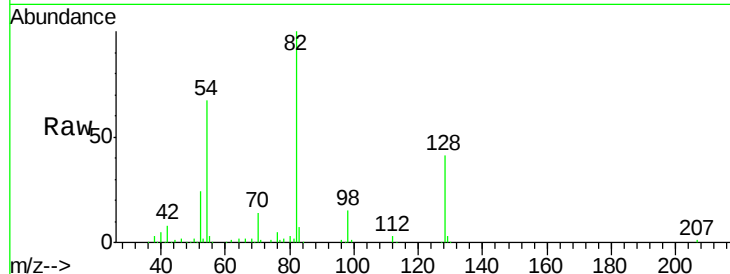




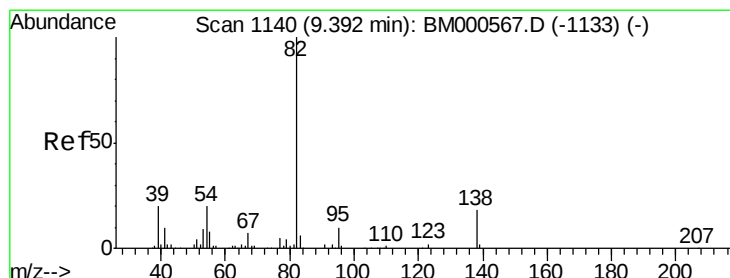
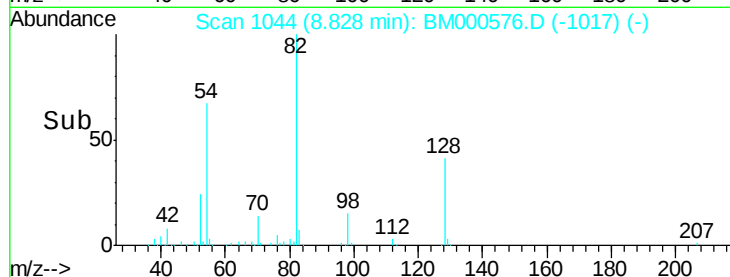
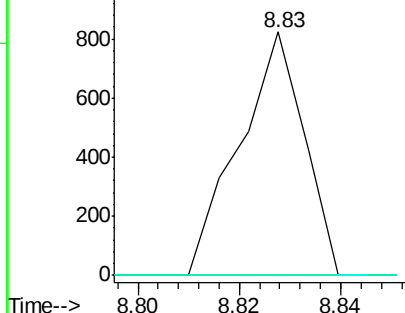
#18
Nitrobenzene
Concen: 0.10 ng/ul
RT: 8.83 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BM000576.D
Acq: 21 Feb 2015 02:12

Instrument :
BNA_M
ClientSampled :
MDL-BLK-S

Tgt Ion: 77 Resp: 728
Ion Ratio Lower Upper
77 100
123 0.0 35.7 53.5#
65 0.0 12.3 18.5#

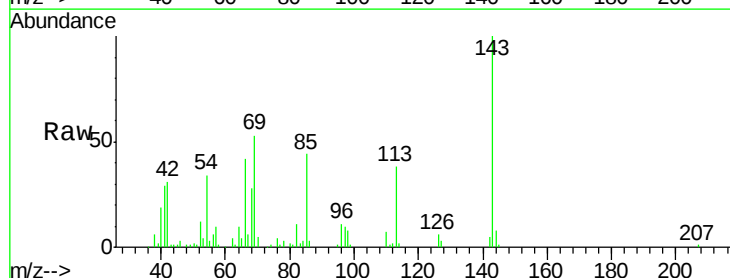


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BM0

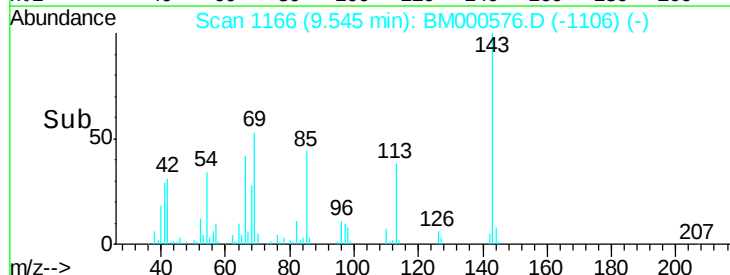
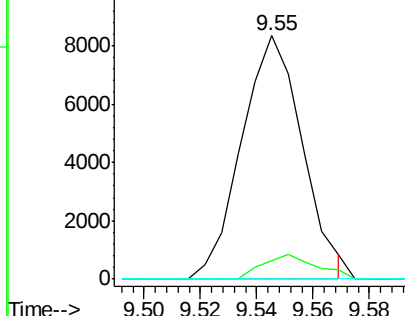


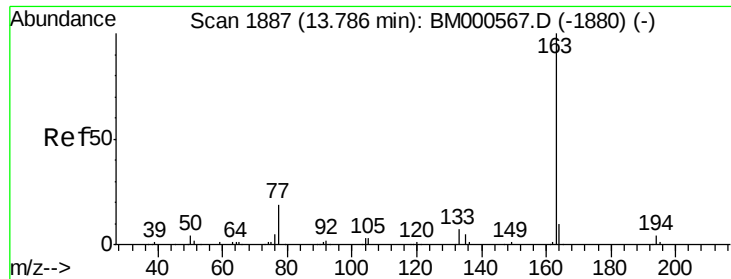
#19
Isophorone
Concen: 1.01 ng/ul
RT: 9.55 min Scan# 1166
Delta R.T. 0.15 min
Lab File: BM000576.D
Acq: 21 Feb 2015 02:12

Tgt Ion: 82 Resp: 12456
Ion Ratio Lower Upper
82 100
95 7.4 7.0 10.4
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): B





#42

Dimethylphthalate

Concen: 0.02 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. -0.05 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

Instrument :

BNA_M

ClientSampled :

MDL-BLK-S

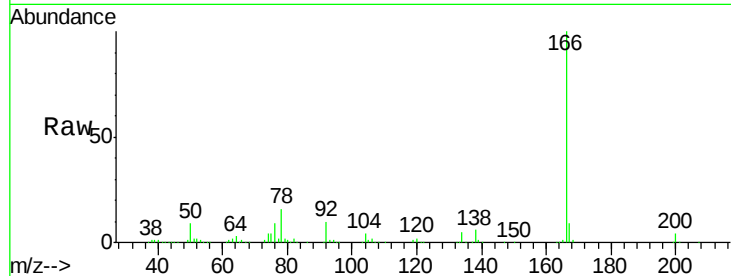
Tgt Ion:163 Resp: 437

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

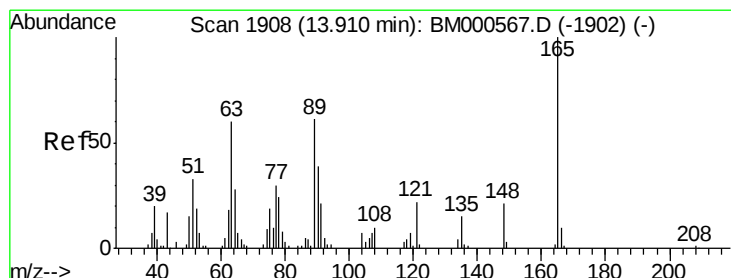
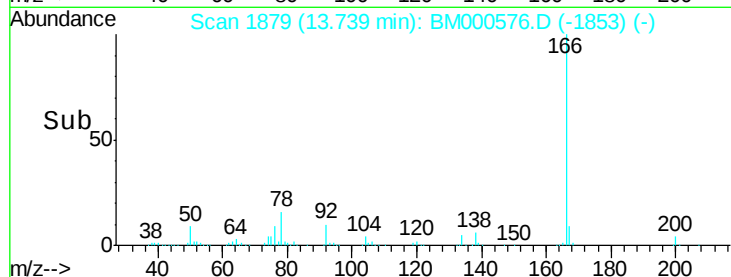
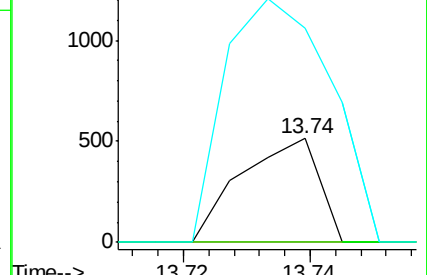
164 207.2 7.9 11.9#



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



#43

2,6-Dinitrotoluene

Concen: 1.49 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. -0.17 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

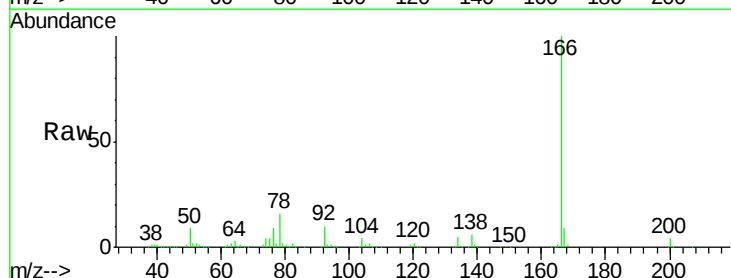
Tgt Ion:165 Resp: 5304

Ion Ratio Lower Upper

165 100

89 0.0 47.8 71.8#

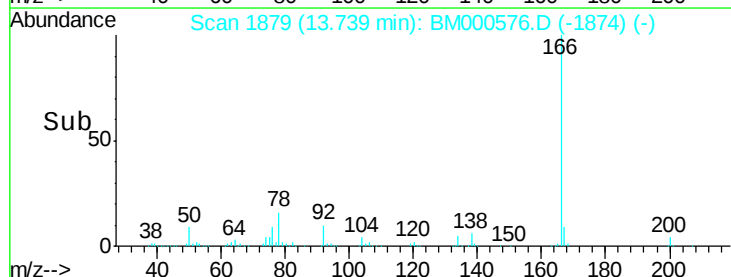
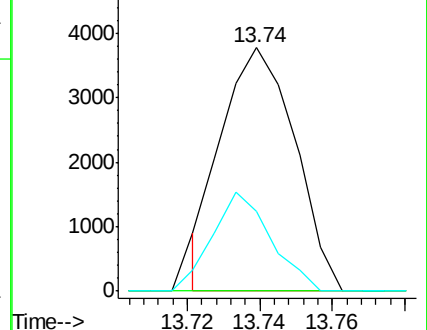
121 32.7 18.1 27.1#

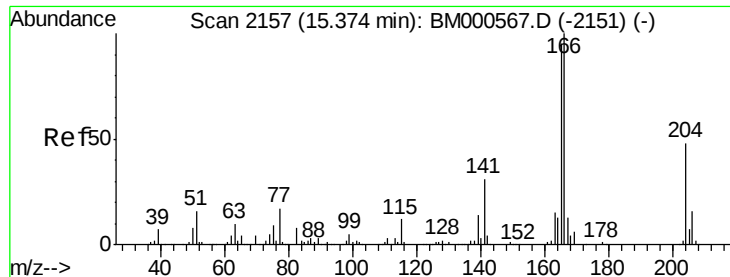


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#56

Fluorene

Concen: 0.07 ng/ul

RT: 15.32 min Scan# 2147

Delta R.T. -0.06 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

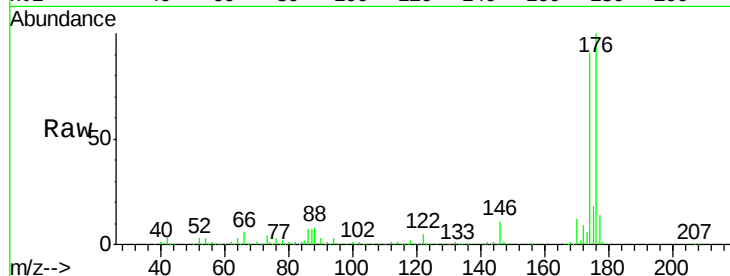
Tgt Ion:166 Resp: 1443

Ion Ratio Lower Upper

166 100

165 0.0 74.4 111.6#

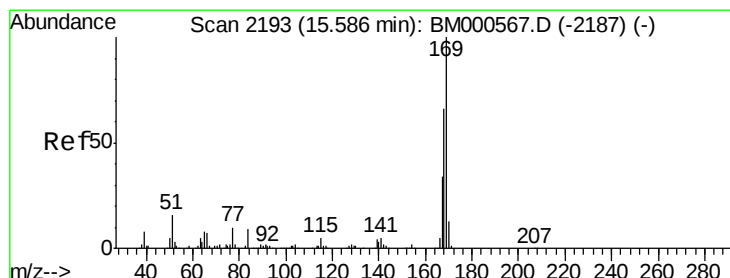
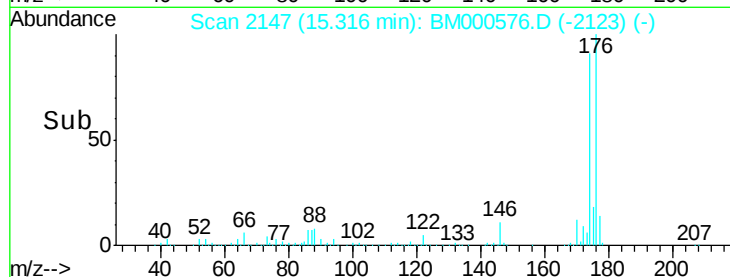
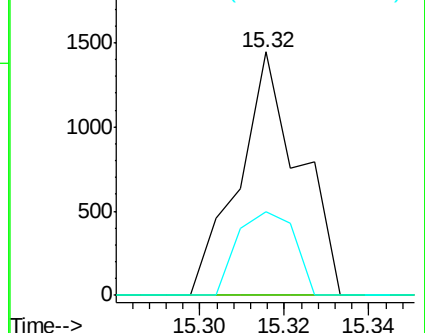
167 34.3 10.2 15.4#



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



#62

N-Nitrosodiphenylamine

Concen: 0.03 ng/ul

RT: 15.44 min Scan# 2169

Delta R.T. -0.14 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

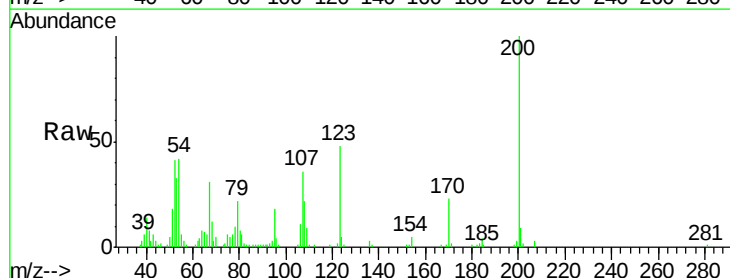
Tgt Ion:169 Resp: 539

Ion Ratio Lower Upper

169 100

168 0.0 53.3 79.9#

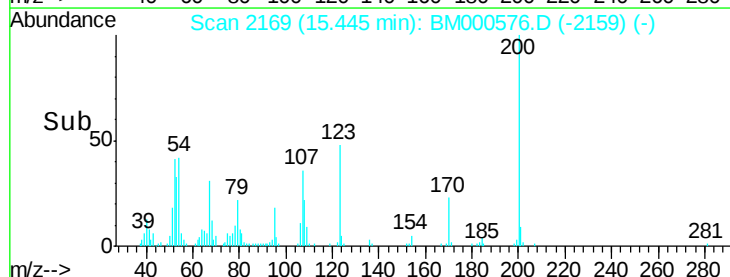
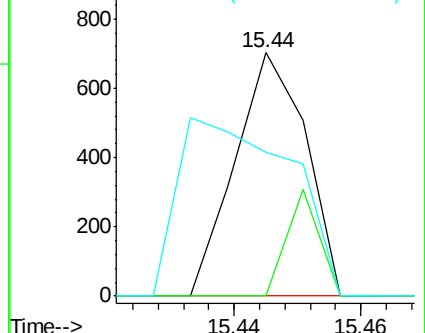
167 59.0 29.4 44.2#

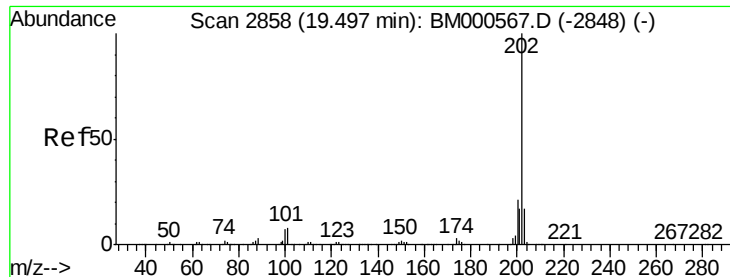


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#77

Pyrene

Concen: 0.03 ng/ul

RT: 19.46 min Scan# 2852

Delta R.T. -0.04 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

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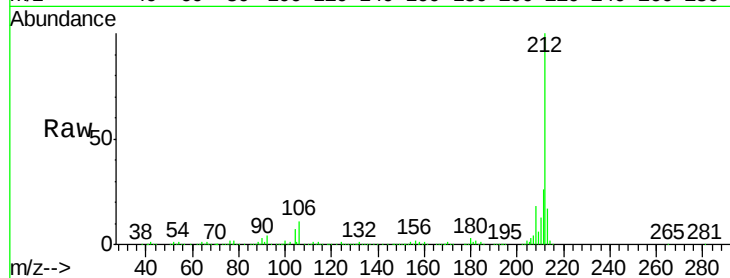
Tgt Ion:202 Resp: 1213

Ion Ratio Lower Upper

202 100

101 144.8 7.2 10.8#

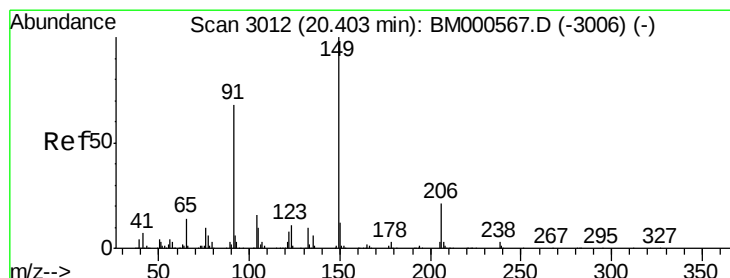
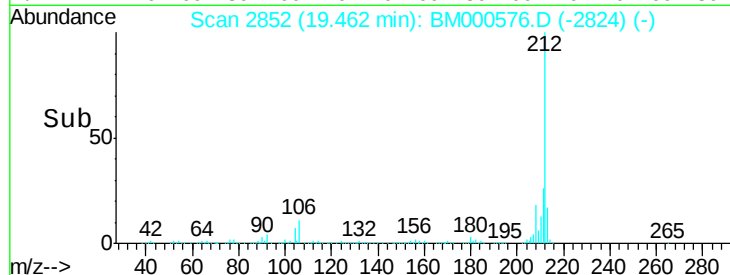
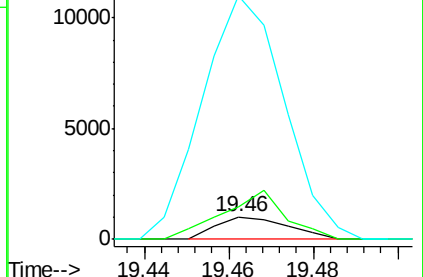
100 1068.8 5.9 8.9#



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): E



#78

Butylbenzylphthalate

Concen: 0.02 ng/ul

RT: 20.47 min Scan# 3024

Delta R.T. 0.07 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

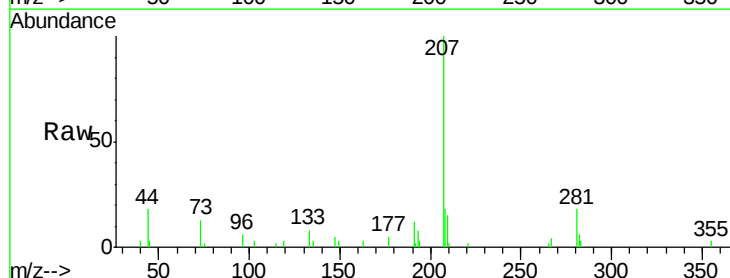
Tgt Ion:149 Resp: 290

Ion Ratio Lower Upper

149 100

91 0.0 53.9 80.9#

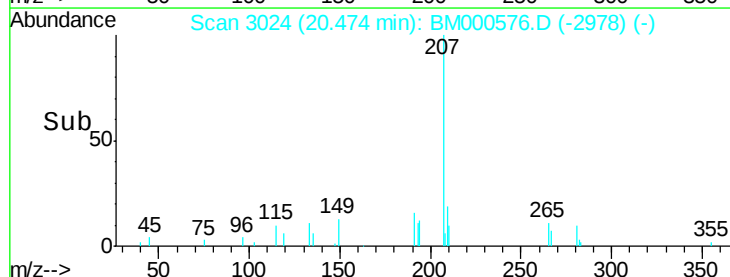
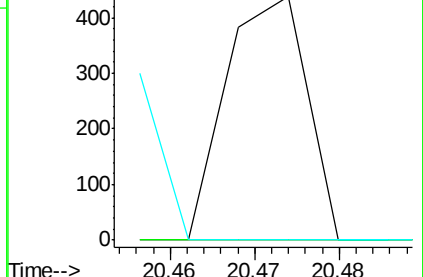
206 0.0 17.2 25.8#

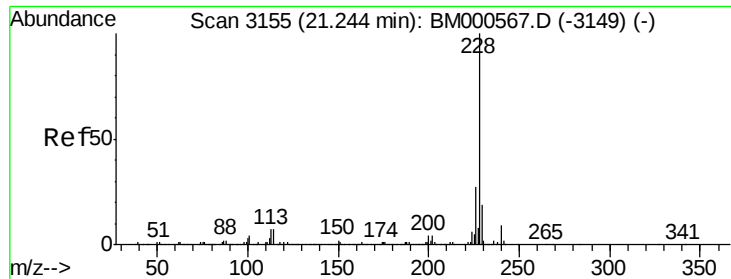


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BM000576.D

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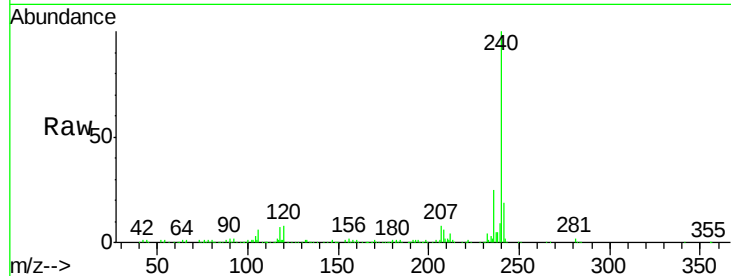
Tgt Ion:228 Resp: 937

Ion Ratio Lower Upper

228 100

229 0.0 15.1 22.7#

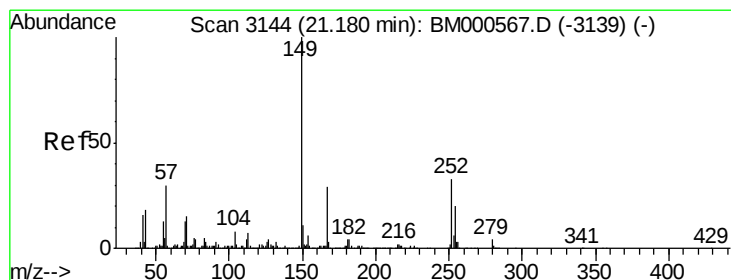
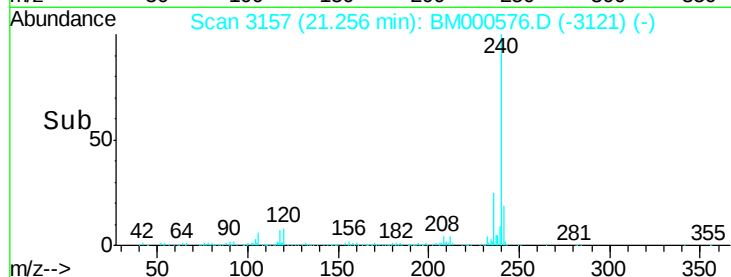
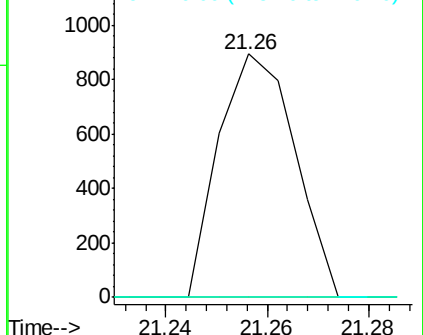
226 0.0 20.4 30.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng/ul

RT: 21.17 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

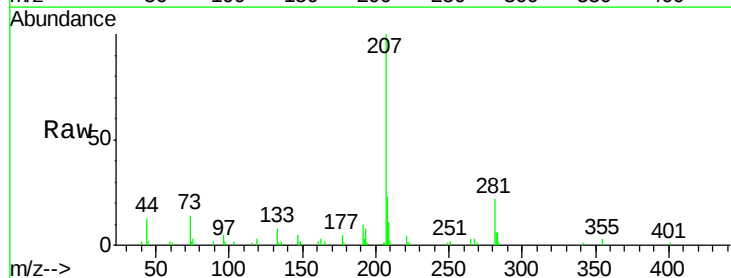
Tgt Ion:149 Resp: 611

Ion Ratio Lower Upper

149 100

167 0.0 23.8 35.6#

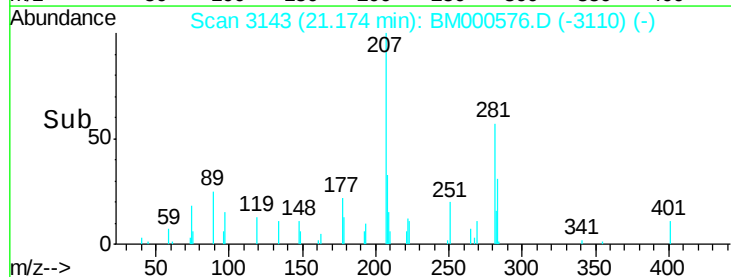
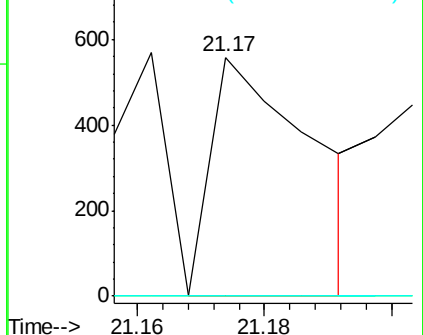
279 0.0 3.4 5.2#

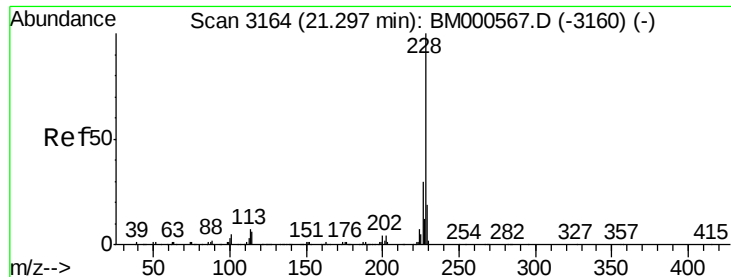


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.03 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. -0.04 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

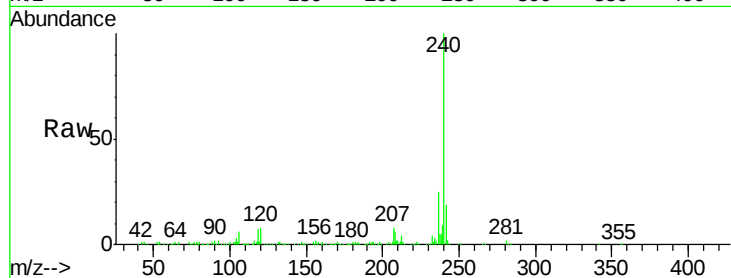
Tgt Ion:228 Resp: 937

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

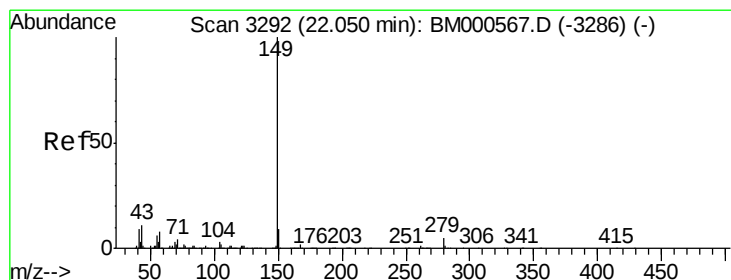
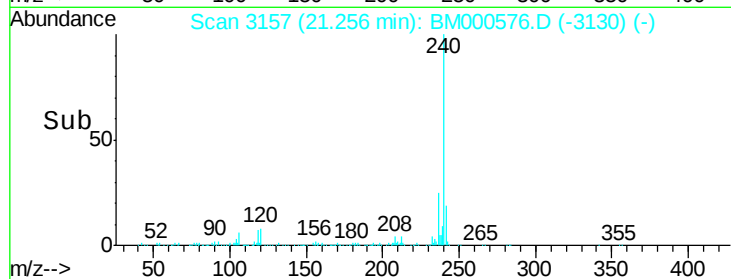
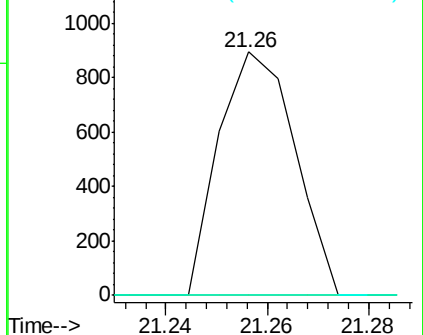
229 0.0 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 0.00 ng/ul

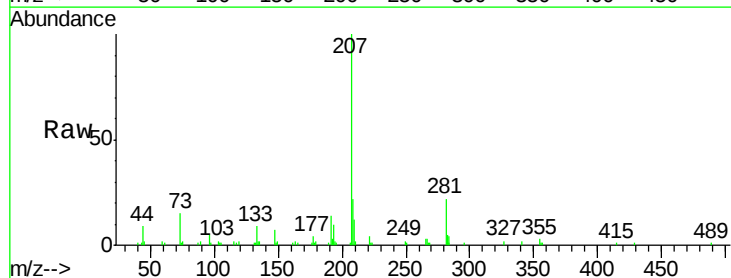
RT: 22.05 min Scan# 3292

Delta R.T. 0.00 min

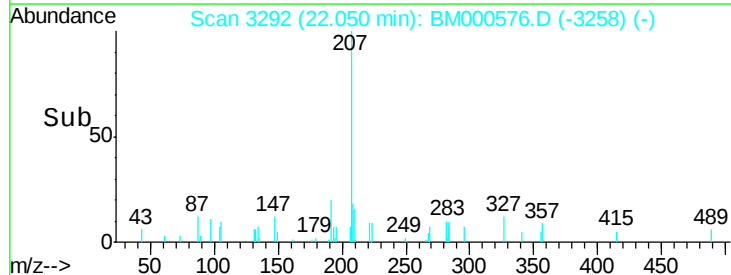
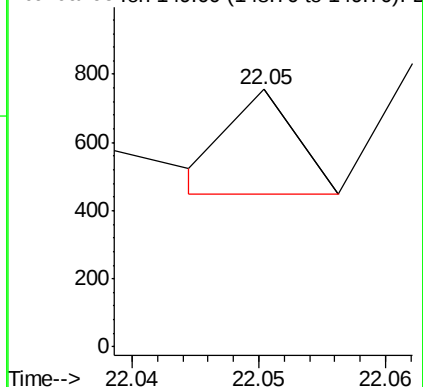
Lab File: BM000576.D

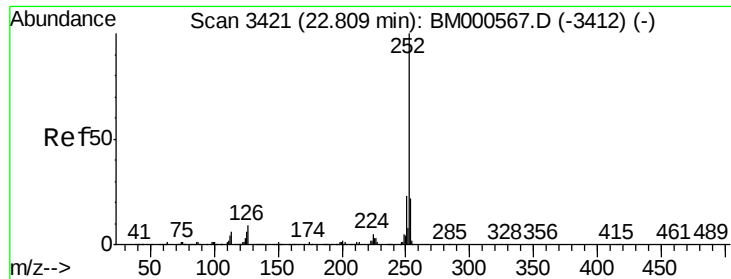
Acq: 21 Feb 2015 02:12

Tgt Ion:149 Resp: 108



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.82 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

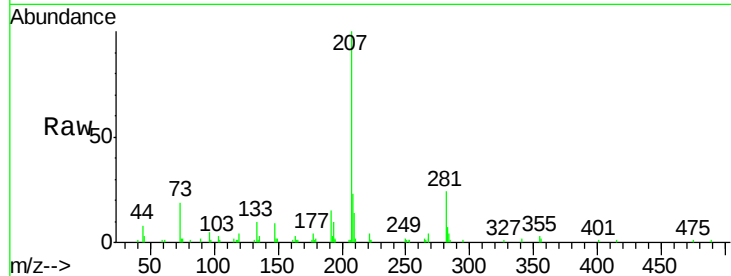
Tgt Ion:252 Resp: 112

Ion Ratio Lower Upper

252 100

253 123.7 17.4 26.0#

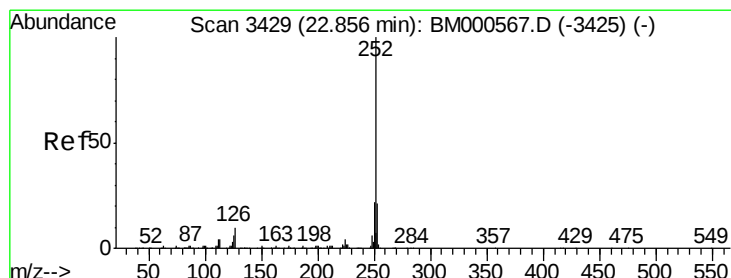
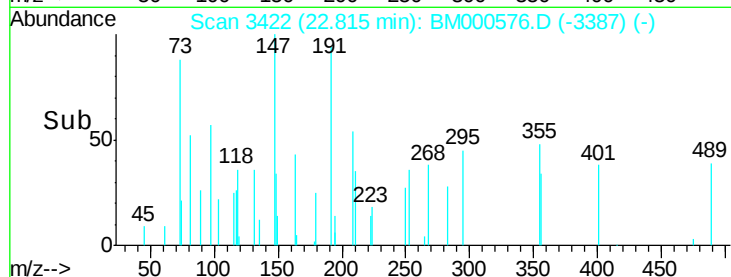
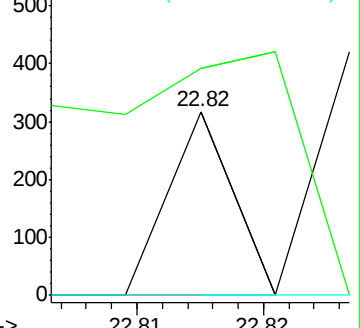
125 0.0 6.2 9.2#



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: 0.01 ng/u1

RT: 22.83 min Scan# 3424

Delta R.T. -0.03 min

Lab File: BM000576.D

Acq: 21 Feb 2015 02:12

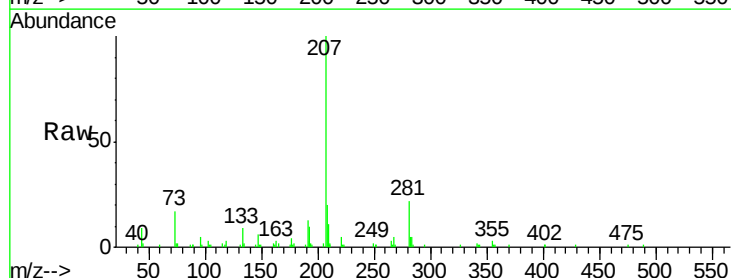
Tgt Ion:252 Resp: 148

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

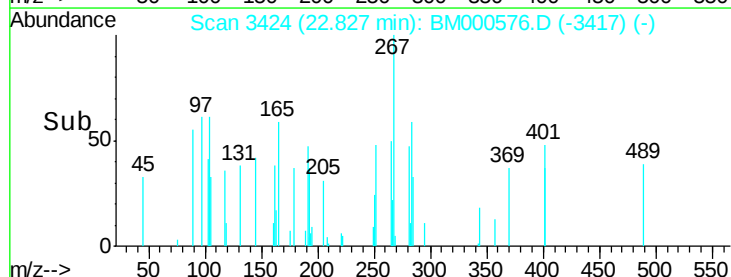
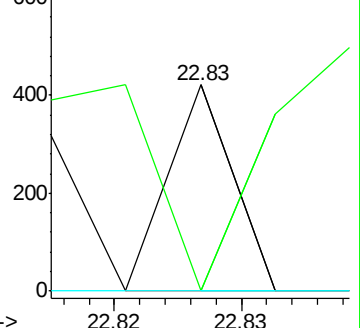
125 0.0 5.3 7.9#

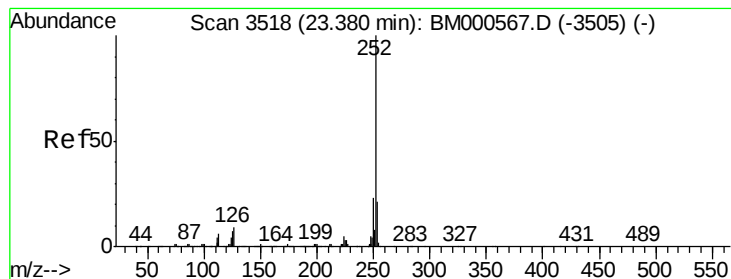


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM000576.D

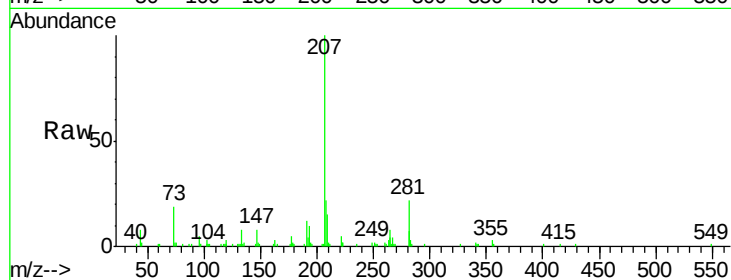
Acq: 21 Feb 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S



Tgt Ion:	252	Resp:	139
Ion	Ratio	Lower	Upper
252	100		
253	80.7	17.5	26.3#
125	91.9	5.4	8.0#

