

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000562.D
 Acq On : 20 Feb 2015 16:08
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-WATER-3PPM-SOM0
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Quant Time: Feb 21 02:49:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 00:39:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	106836	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	471028	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	313821	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	680581	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	518943	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	392455	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.85	99	226194	29.08	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	147578	32.11	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	201987	30.53	ng/ul	0.00
11) 4-Methylphenol-d8	8.39	113	199694	30.29	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	100632	31.84	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	118570	32.40	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	219240	28.28	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	313327	45.31	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	770441	33.92	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	946158	31.09	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	104695	28.82	ng/ul	0.00
55) Fluorene-d10	15.32	176	706103	31.81	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.45	200	103808	26.24	ng/ul	0.00
68) Anthracene-d10	17.17	188	1047112	32.53	ng/ul	0.00
76) Pyrene-d10	19.47	212	1017514	33.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	605798	32.93	ng/ul	0.00

Target Compounds

					Qvalue
2) Benzaldehyde	6.85	77	263	0.06 ng/ul#	2
6) Bis(2-Chloroethyl)ether	7.10	93	778	0.13 ng/ul#	78
13) N-Nitroso-di-n-propylamine	8.39	70	5164	1.02 ng/ul#	1
18) Nitrobenzene	8.82	77	865	0.11 ng/ul#	40
19) Isophorone	9.55	82	12604	0.90 ng/ul#	70
26) Naphthalene	10.60	128	247	0.01 ng/ul#	1
42) Dimethylphthalate	13.75	163	581	0.02 ng/ul#	1
43) 2,6-Dinitrotoluene	13.75	165	6352	1.44 ng/ul#	40
50) 4-Nitrophenol	14.55	109	675	0.18 ng/ul#	21
56) Fluorene	15.32	166	1250	0.05 ng/ul#	2
58) 4-Nitroaniline	15.32	138	328	0.08 ng/ul#	1
61) 4,6-Dinitro-2-methylphenol	15.44	198	129	0.03 ng/ul#	1
62) N-Nitrosodiphenylamine	15.45	169	540	0.03 ng/ul#	52
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	19347	1.92 ng/ul	91
71) Pentachlorobenzene	14.65	250	40984	4.24 ng/ul	98
73) Di-n-butylphthalate	18.04	149	638	0.02 ng/ul#	78
77) Pyrene	19.46	202	1334	0.03 ng/ul#	1
78) Butylbenzylphthalate	20.40	149	162	0.01 ng/ul#	25
80) Benzo(a)anthracene	21.26	228	1278	0.04 ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.19	149	330	0.02 ng/ul#	50
82) Chrysene	21.26	228	1278	0.04 ng/ul#	51
84) Di-n-octyl phthalate	22.05	149	286	0.01 ng/ul	100
85) Benzo(b)fluoranthene	22.77	252	222	0.01 ng/ul#	1
86) Benzo(k)fluoranthene	22.94	252	283	0.01 ng/ul#	1

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Instrument :
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Quant Time: Feb 21 02:49:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration

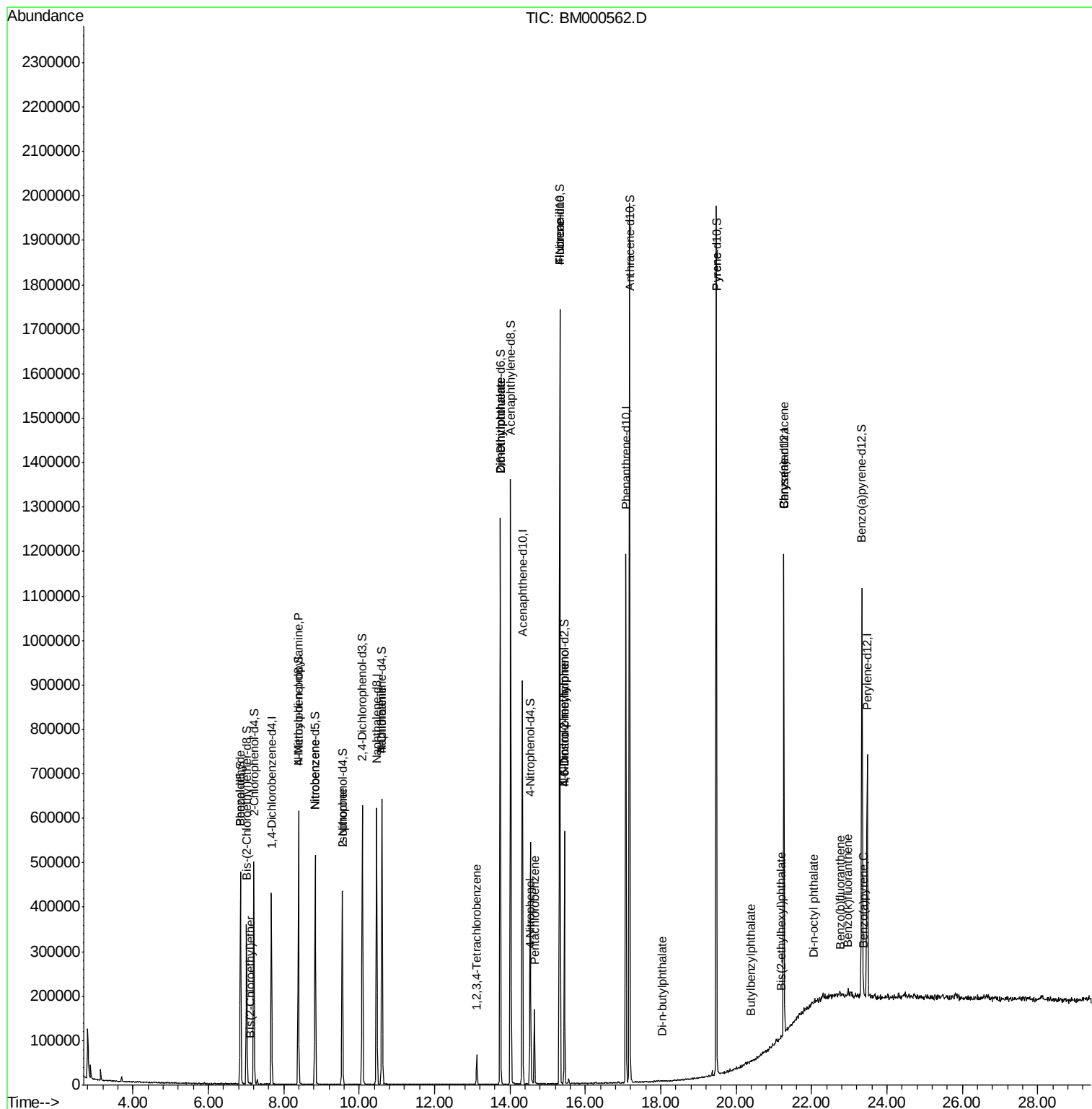
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.39	252	361	0.02	ng/ul#	60

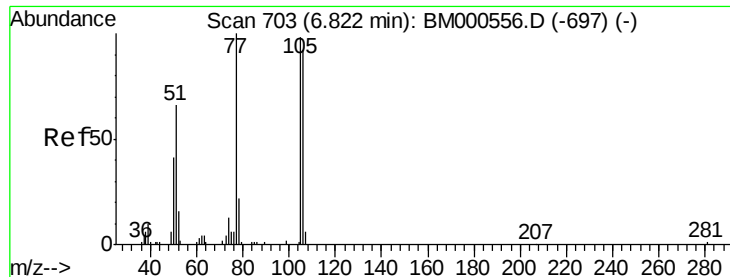
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\  
Data File : BM000562.D  
Acq On    : 20 Feb 2015   16:08  
Operator  : TP/IZ  
Sample    : MDL-03-W  
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ALS Vial  : 10      Sample Multiplier: 1
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Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Quant Time: Feb 21 02:49:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration





#2

Benzaldehyde

Concen: 0.06 ng/ul

RT: 6.85 min Scan# 708

Delta R.T. 0.03 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

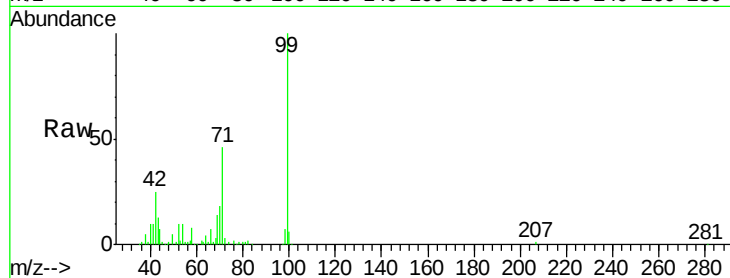
Tgt Ion: 77 Resp: 263

Ion Ratio Lower Upper

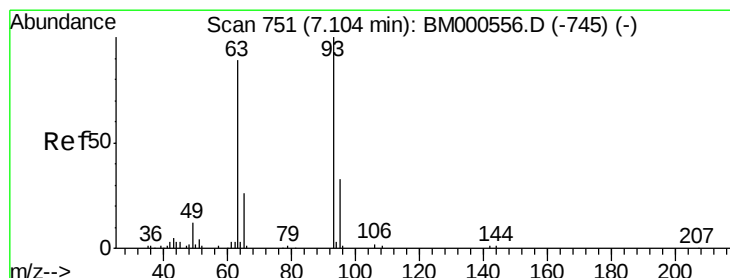
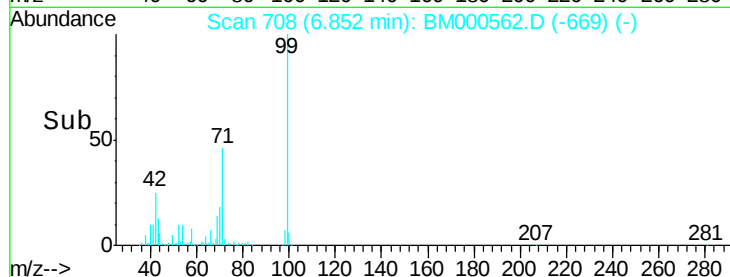
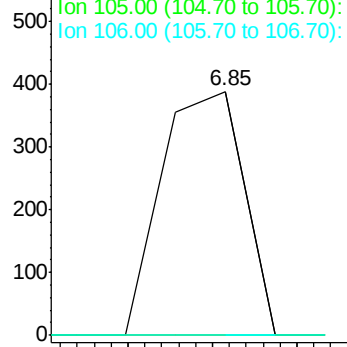
77 100

105 0.0 78.6 117.8#

106 0.0 74.2 111.4#



Abundance Ion 77.00 (76.70 to 77.70): BM000556.D (-697) (-)



#6

Bis(2-Chloroethyl)ether

Concen: 0.13 ng/ul

RT: 7.10 min Scan# 751

Delta R.T. 0.00 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

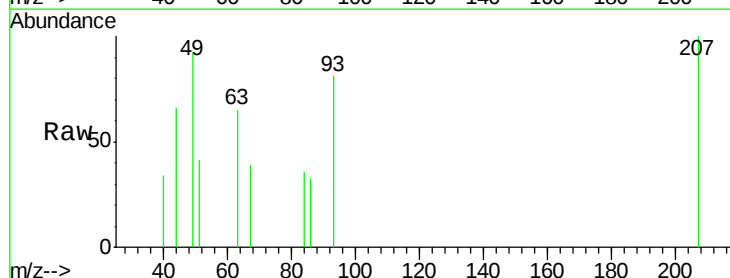
Tgt Ion: 93 Resp: 778

Ion Ratio Lower Upper

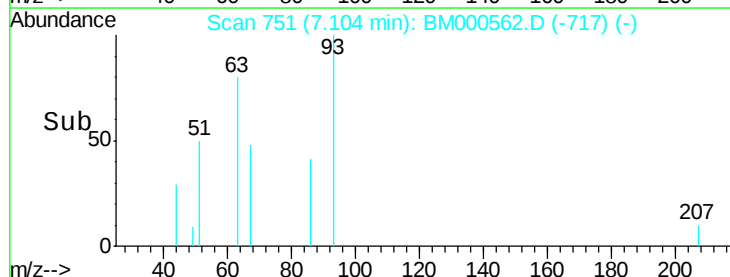
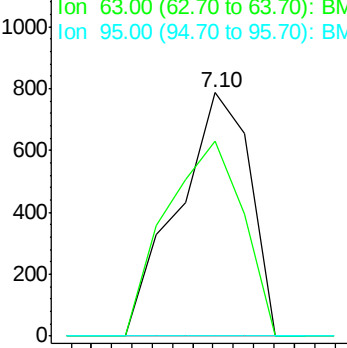
93 100

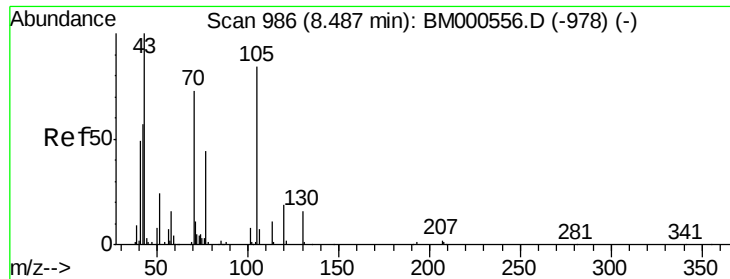
63 80.3 71.2 106.8

95 0.0 26.1 39.1#



Abundance Ion 93.00 (92.70 to 93.70): BM000556.D (-745) (-)

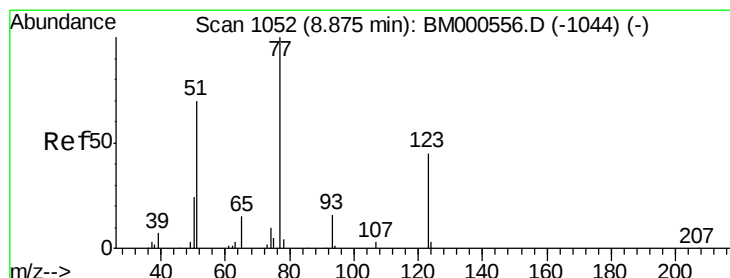
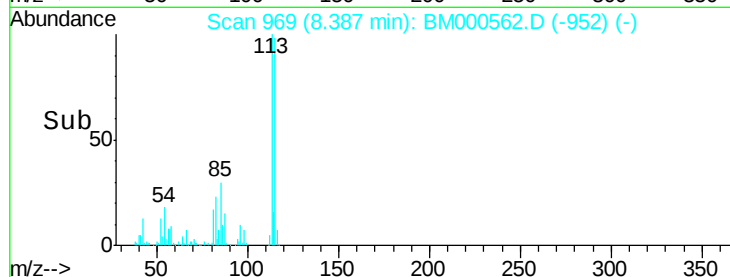
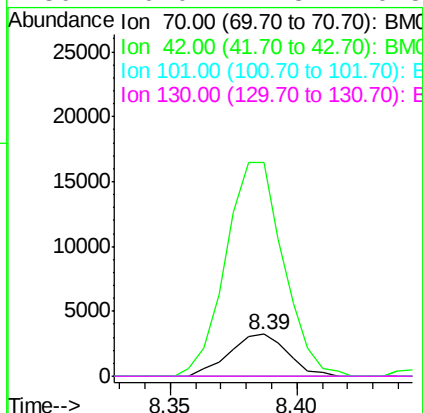
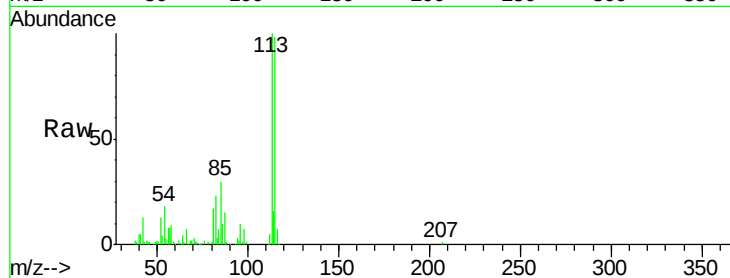




#13
N-Nitroso-di-n-propylamine
Concen: 1.02 ng/ul
RT: 8.39 min Scan# 969
Delta R.T. -0.10 min
Lab File: BM000562.D
Acq: 20 Feb 2015 16:08

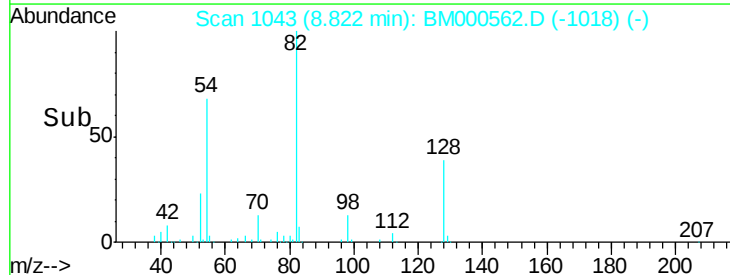
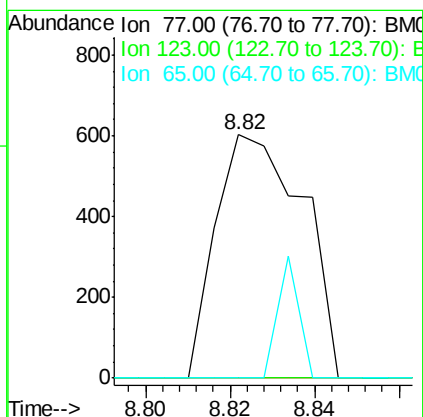
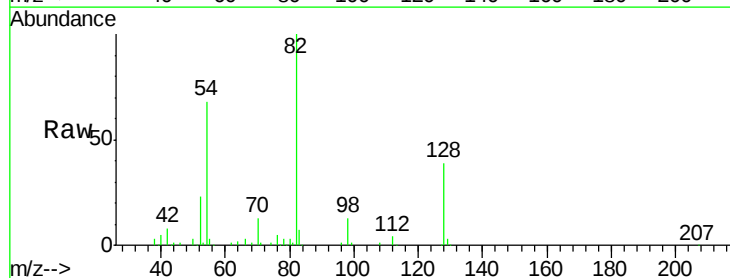
Instrument :
BNA_M
ClientSampleId :
MDL-03-W

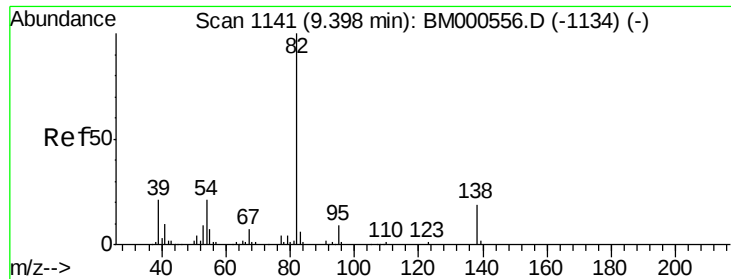
Tgt Ion: 70 Resp: 5164
Ion Ratio Lower Upper
70 100
42 510.7 63.3 94.9#
101 0.0 8.2 12.4#
130 0.0 17.8 26.8#



#18
Nitrobenzene
Concen: 0.11 ng/ul
RT: 8.82 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BM000562.D
Acq: 20 Feb 2015 16:08

Tgt Ion: 77 Resp: 865
Ion Ratio Lower Upper
77 100
123 0.0 35.7 53.5#
65 0.0 12.3 18.5#





#19

Isophorone

Concen: 0.90 ng/ul

RT: 9.55 min Scan# 1167

Delta R.T. 0.15 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

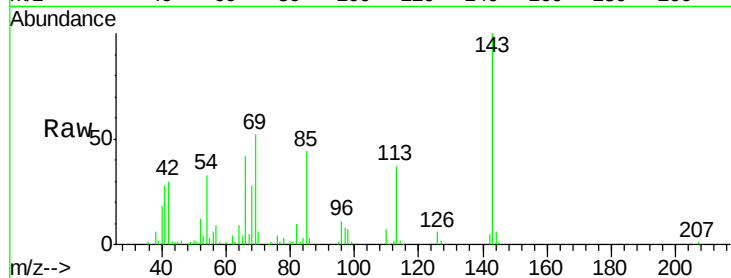
Tgt Ion: 82 Resp: 12604

Ion Ratio Lower Upper

82 100

95 7.4 7.0 10.4

138 0.0 15.1 22.7#

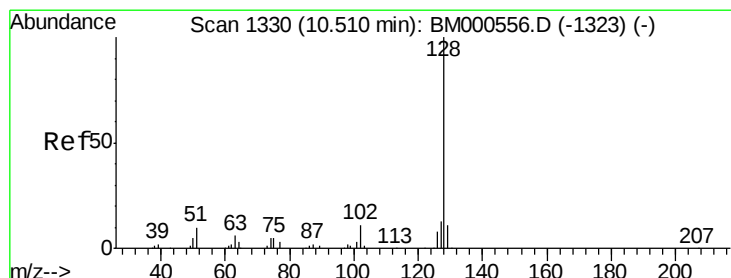
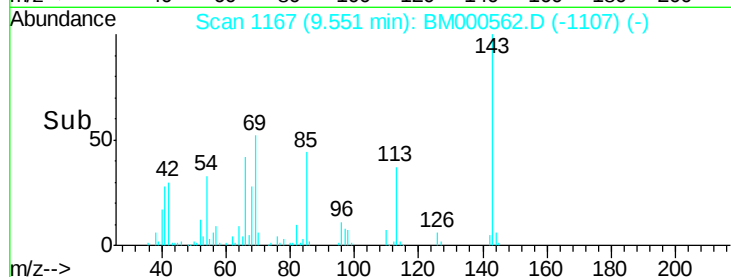


Abundance Ion 82.00 (81.70 to 82.70): BM000556.D (-1134) (-)

Ion 95.00 (94.70 to 95.70): BM000556.D (-1134) (-)

Ion 138.00 (137.70 to 138.70): BM000556.D (-1134) (-)

Time-->



#26

Naphthalene

Concen: 0.01 ng/ul

RT: 10.60 min Scan# 1345

Delta R.T. 0.09 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

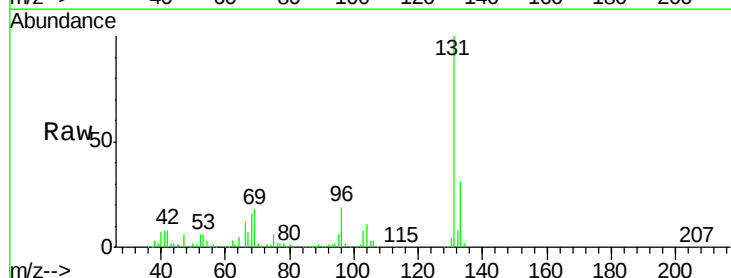
Tgt Ion: 128 Resp: 247

Ion Ratio Lower Upper

128 100

129 236.8 8.8 13.2#

127 0.0 10.4 15.6#

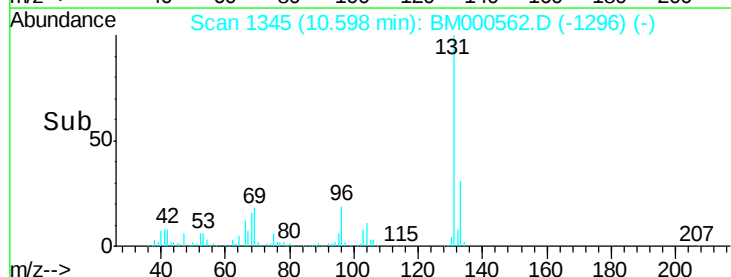


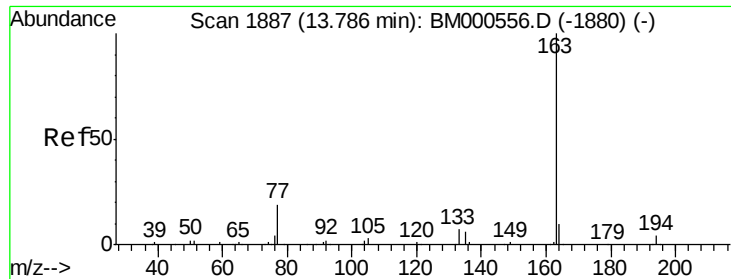
Abundance Ion 128.00 (127.70 to 128.70): BM000556.D (-1323) (-)

Ion 129.00 (128.70 to 129.70): BM000556.D (-1323) (-)

Ion 127.00 (126.70 to 127.70): BM000556.D (-1323) (-)

Time-->





#42

Dimethylphthalate

Concen: 0.02 ng/ul

RT: 13.75 min Scan# 1880

Delta R.T. -0.04 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

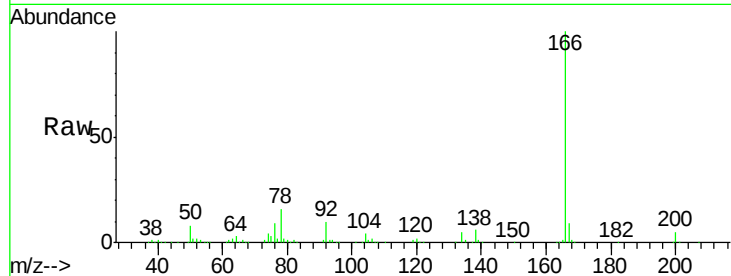
Tgt Ion:163 Resp: 581

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

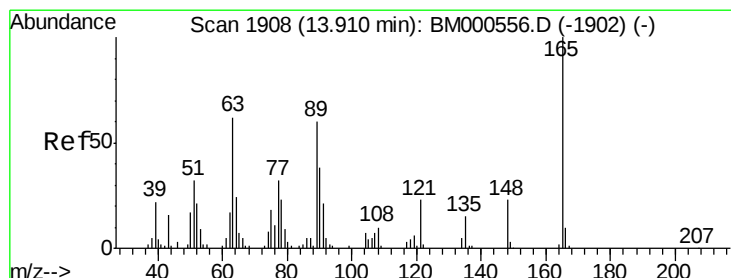
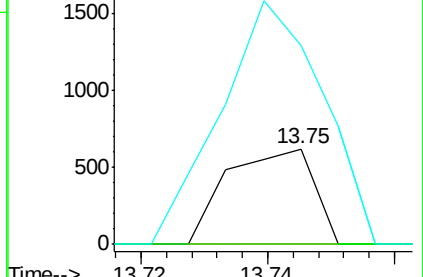
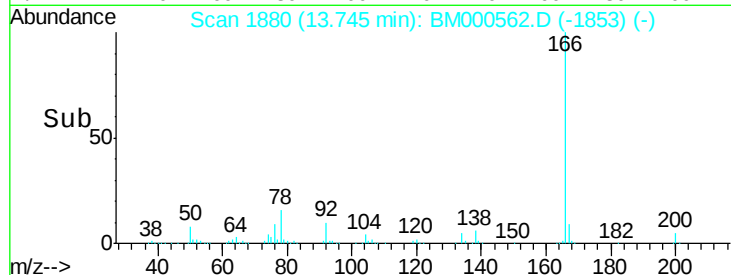
164 207.3 7.9 11.9#



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



#43

2,6-Dinitrotoluene

Concen: 1.44 ng/ul

RT: 13.75 min Scan# 1880

Delta R.T. -0.16 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

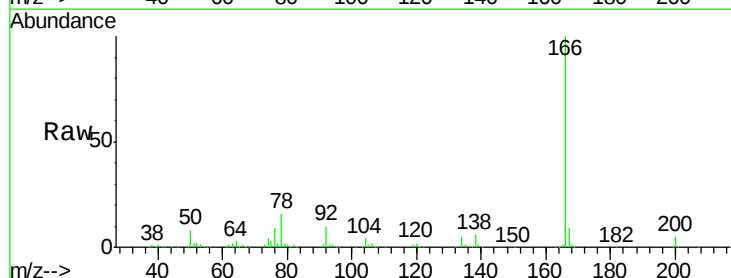
Tgt Ion:165 Resp: 6352

Ion Ratio Lower Upper

165 100

89 0.0 47.8 71.8#

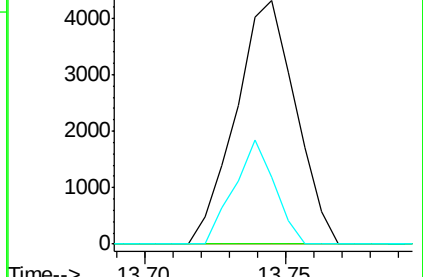
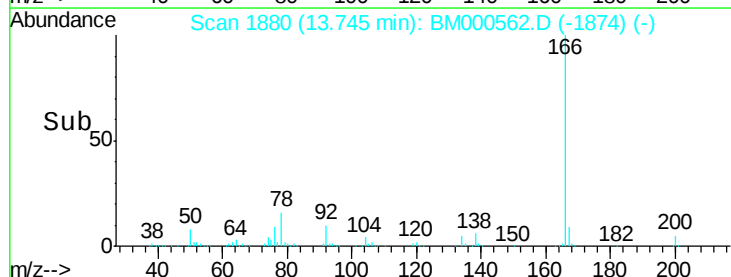
121 27.5 18.1 27.1#

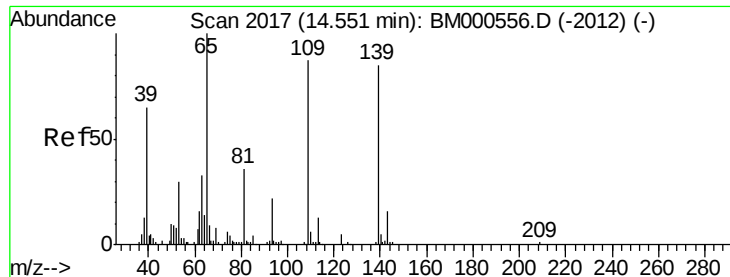


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#50

4-Nitrophenol

Concen: 0.18 ng/ul

RT: 14.55 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

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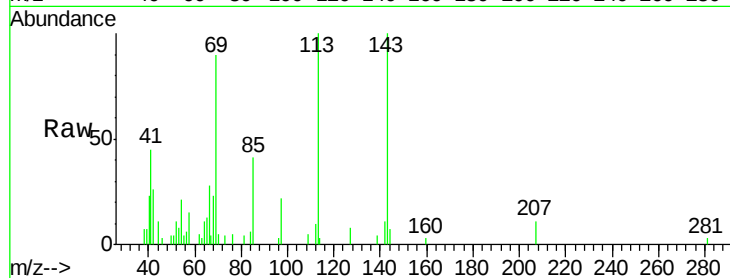
Tgt Ion:109 Resp: 675

Ion Ratio Lower Upper

109 100

139 80.1 78.2 117.4

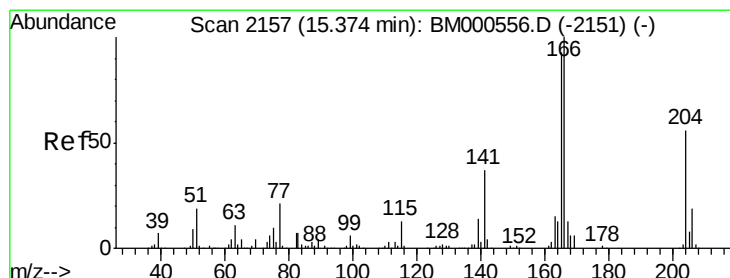
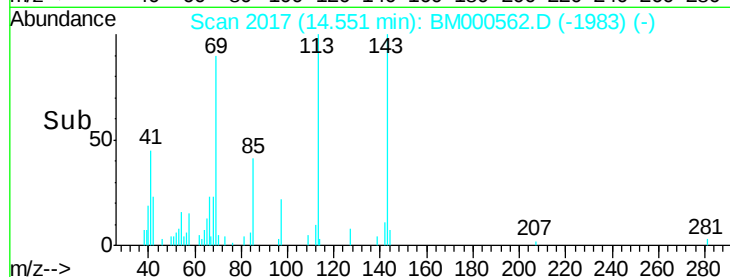
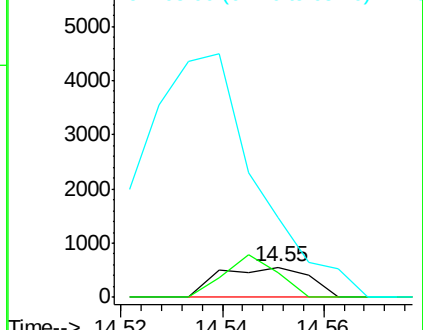
65 260.1 93.7 140.5#



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



#56

Fluorene

Concen: 0.05 ng/ul

RT: 15.32 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

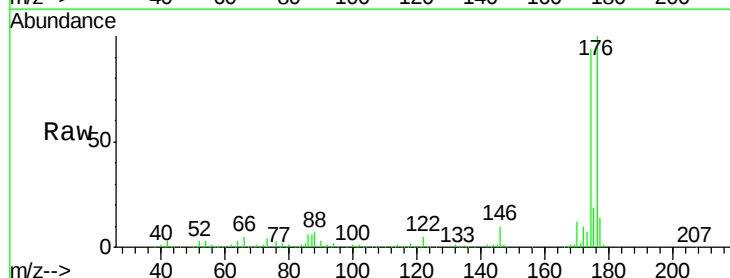
Tgt Ion:166 Resp: 1250

Ion Ratio Lower Upper

166 100

165 0.0 74.4 111.6#

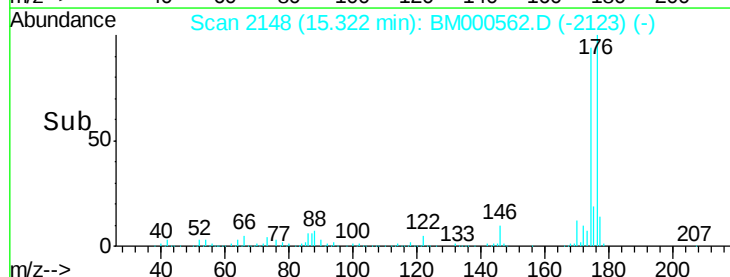
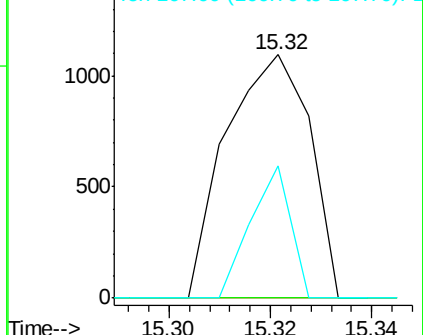
167 54.4 10.2 15.4#

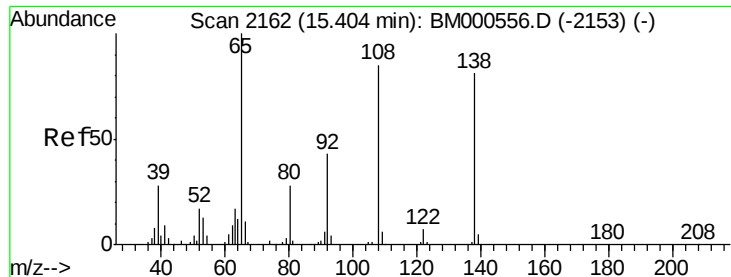


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

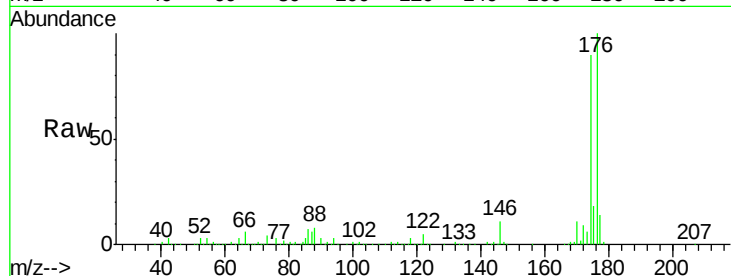




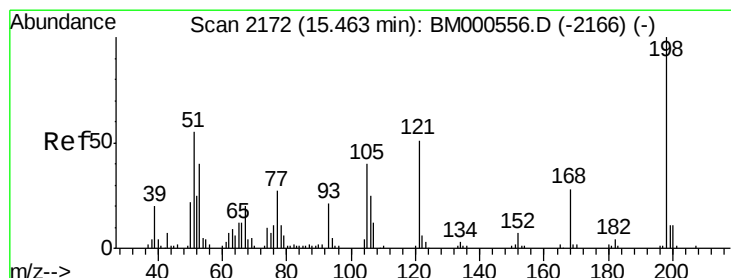
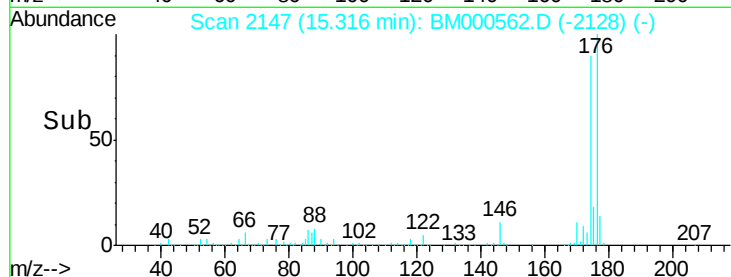
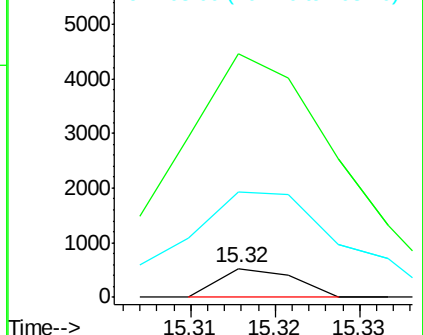
#58
4-Nitroaniline
Concen: 0.08 ng/ul
RT: 15.32 min Scan# 2147
Delta R.T. -0.09 min
Lab File: BM000562.D
Acq: 20 Feb 2015 16:08

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

Tgt Ion:138 Resp: 328
Ion Ratio Lower Upper
138 100
92 853.6 42.2 63.2#
108 369.0 83.5 125.3#

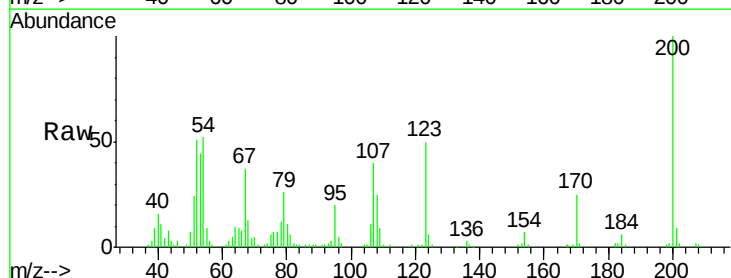


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

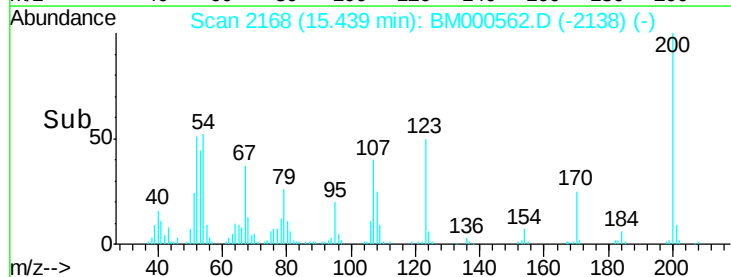
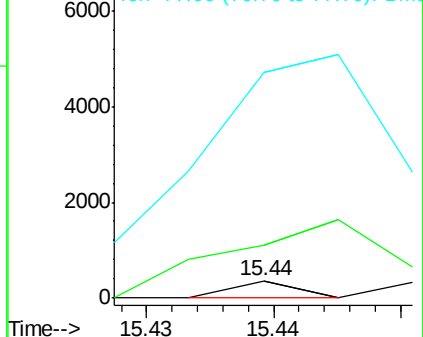


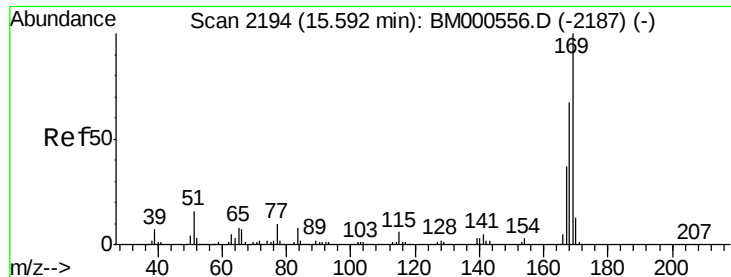
#61
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng/ul
RT: 15.44 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM000562.D
Acq: 20 Feb 2015 16:08

Tgt Ion:198 Resp: 129
Ion Ratio Lower Upper
198 100
182 299.2 3.2 4.8#
77 1290.4 22.2 33.2#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM0





#62

N-Nitrosodiphenylamine

Concen: 0.03 ng/uL

RT: 15.45 min Scan# 2169

Delta R.T. -0.15 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

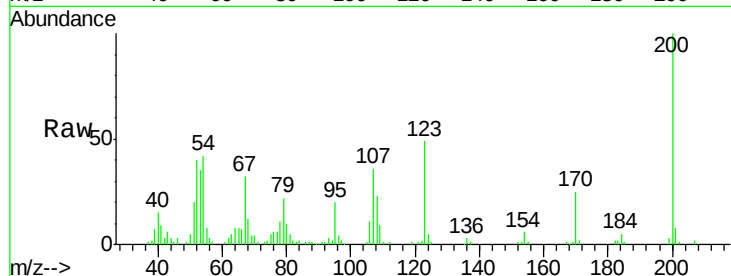
Tgt Ion:169 Resp: 540

Ion Ratio Lower Upper

169 100

168 55.4 53.3 79.9

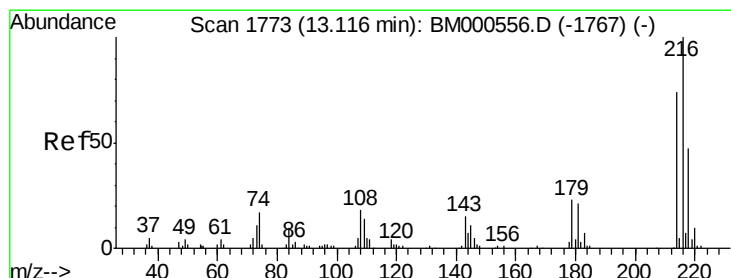
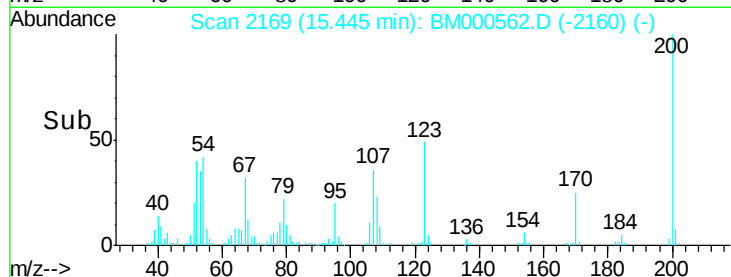
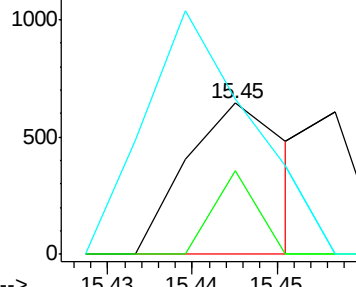
167 102.5 29.4 44.2#



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



#70

1,2,3,4-Tetrachlorobenzene

Concen: 1.92 ng/uL

RT: 13.12 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

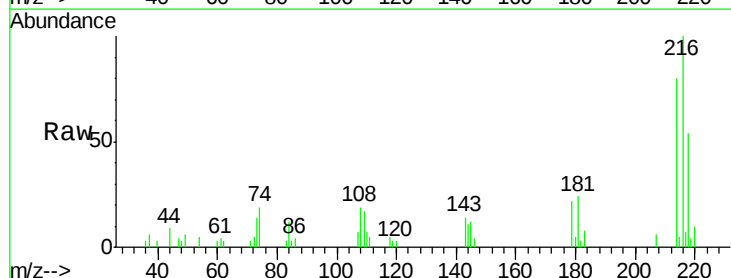
Tgt Ion:216 Resp: 19347

Ion Ratio Lower Upper

216 100

214 80.3 59.1 88.7

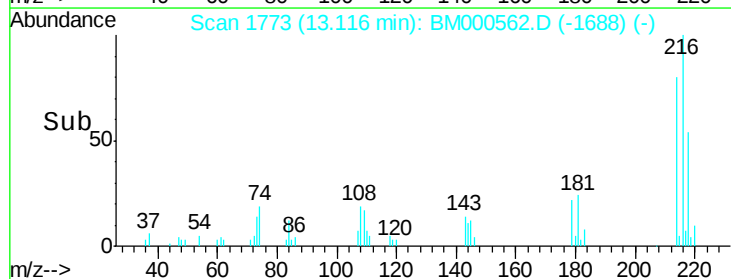
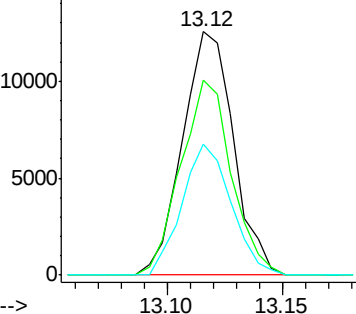
218 53.9 37.6 56.4

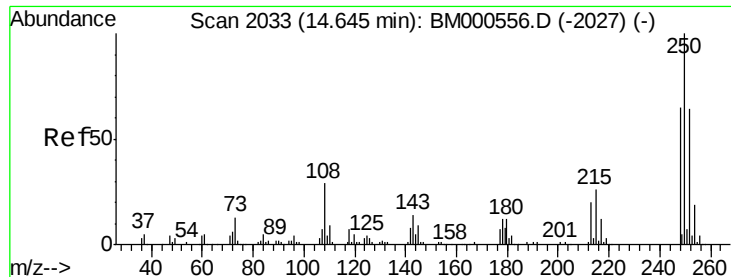


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

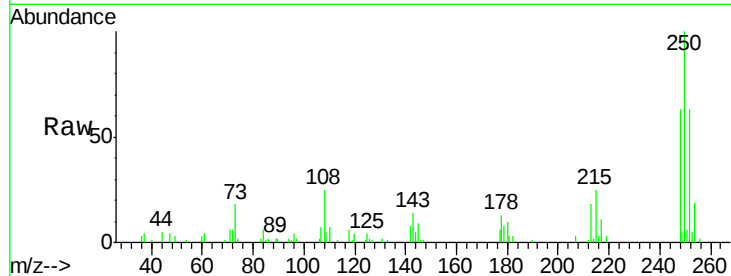




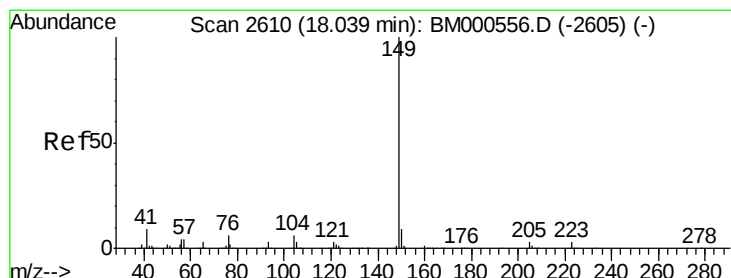
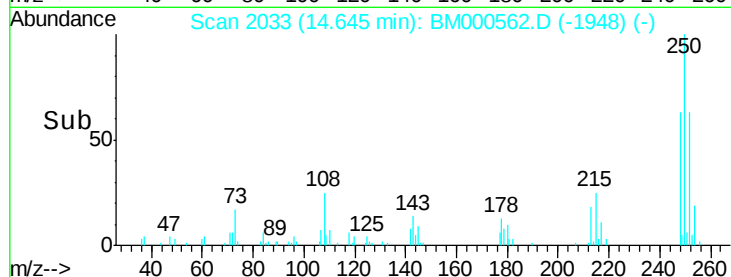
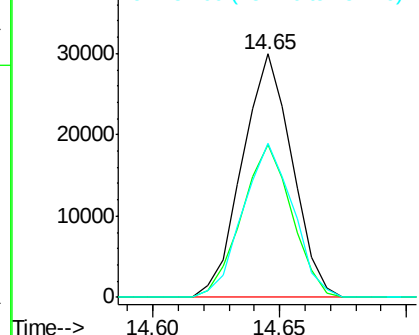
#71
 Pentachlorobenzene
 Concen: 4.24 ng/uL
 RT: 14.65 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BM000562.D
 Acq: 20 Feb 2015 16:08

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Tgt Ion:250 Resp: 40984
 Ion Ratio Lower Upper
 250 100
 248 62.9 52.4 78.6
 252 63.1 51.5 77.3

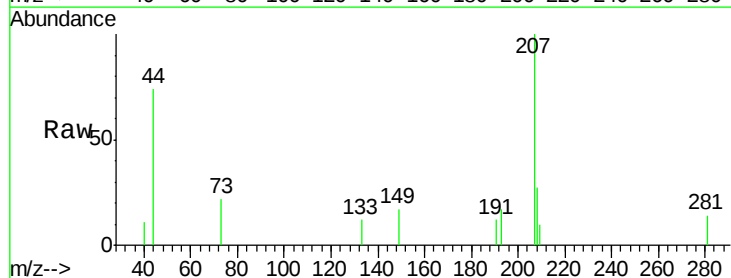


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

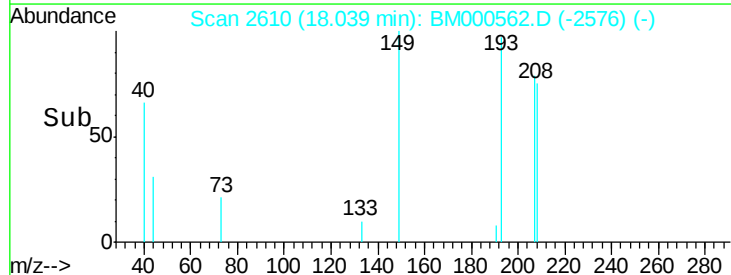
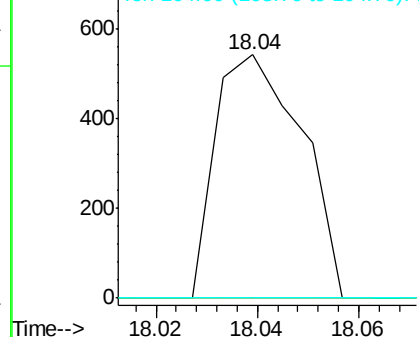


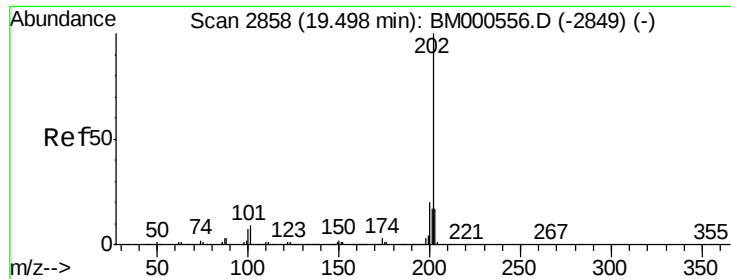
#73
 Di-n-butylphthalate
 Concen: 0.02 ng/uL
 RT: 18.04 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BM000562.D
 Acq: 20 Feb 2015 16:08

Tgt Ion:149 Resp: 638
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.3 10.9#
 104 0.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#77

Pyrene

Concen: 0.03 ng/ul

RT: 19.46 min Scan# 2852

Delta R.T. -0.04 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

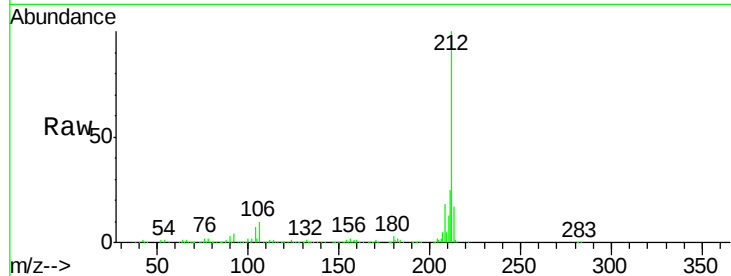
Tgt Ion:202 Resp: 1334

Ion Ratio Lower Upper

202 100

101 194.9 7.2 10.8#

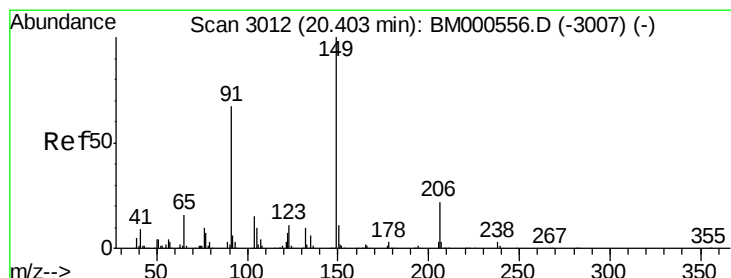
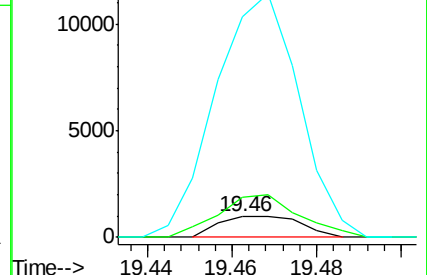
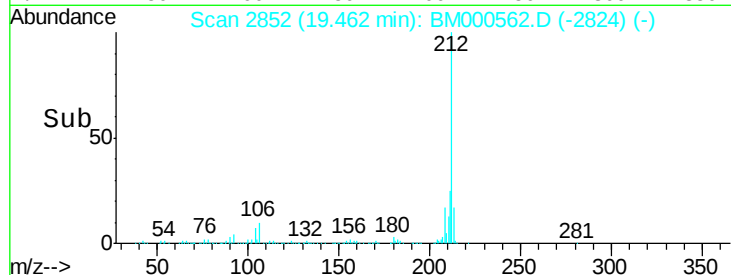
100 1065.7 5.9 8.9#



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: 0.01 ng/ul

RT: 20.40 min Scan# 3011

Delta R.T. -0.01 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

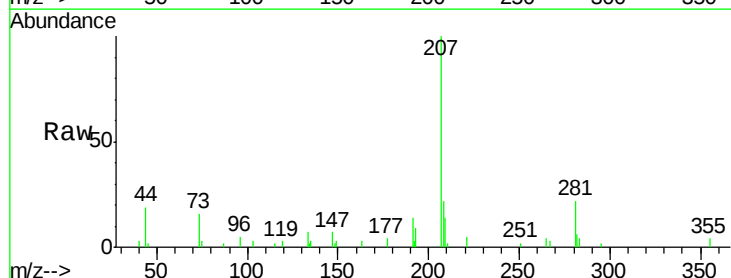
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

91 0.0 53.9 80.9#

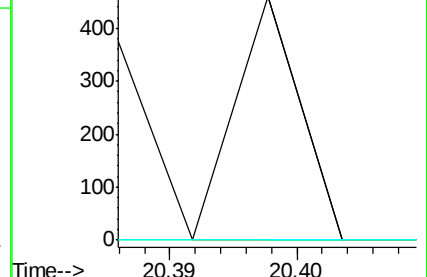
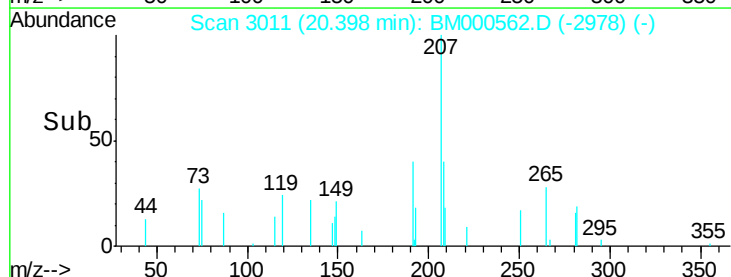
206 0.0 17.2 25.8#

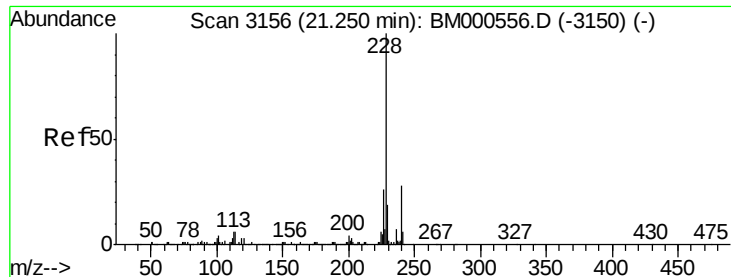


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

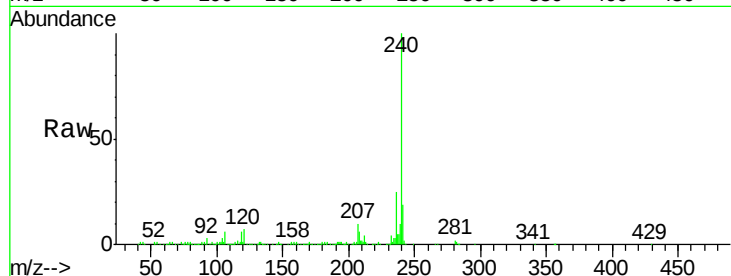
Tgt Ion:228 Resp: 1278

Ion Ratio Lower Upper

228 100

229 37.6 15.1 22.7#

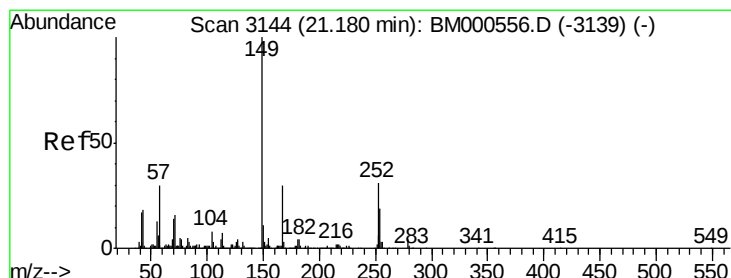
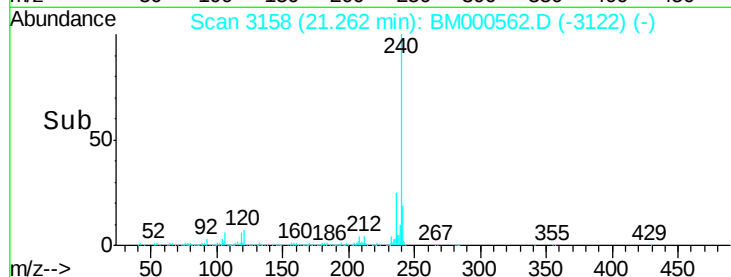
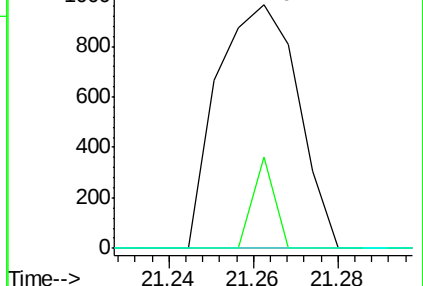
226 0.0 20.4 30.6#



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: 0.02 ng/ul

RT: 21.19 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

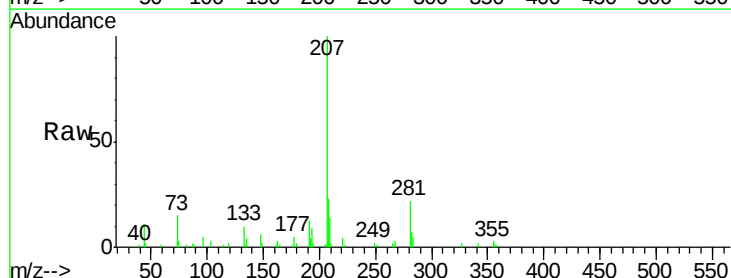
Tgt Ion:149 Resp: 330

Ion Ratio Lower Upper

149 100

167 0.0 23.8 35.6#

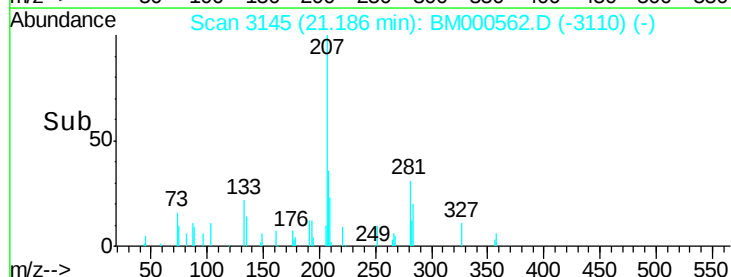
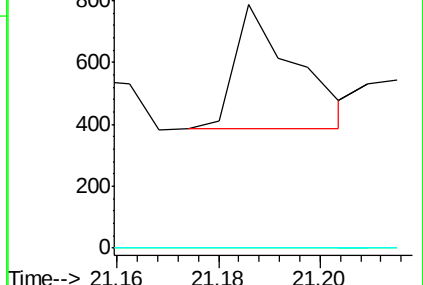
279 0.0 3.4 5.2#

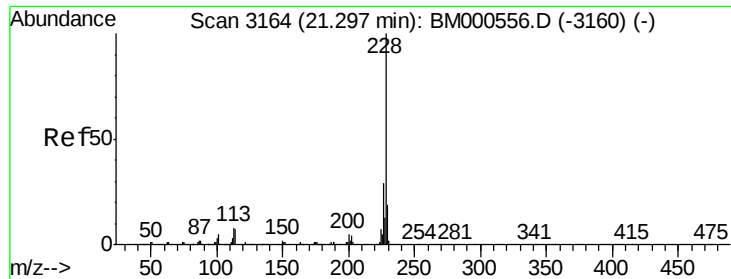


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.04 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.04 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

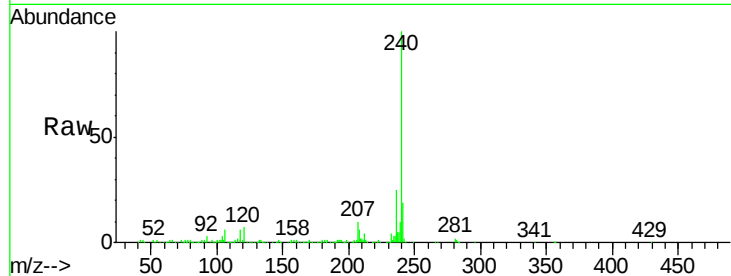
Tgt Ion:228 Resp: 1278

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

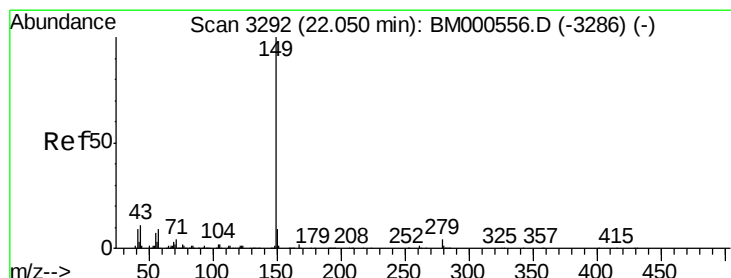
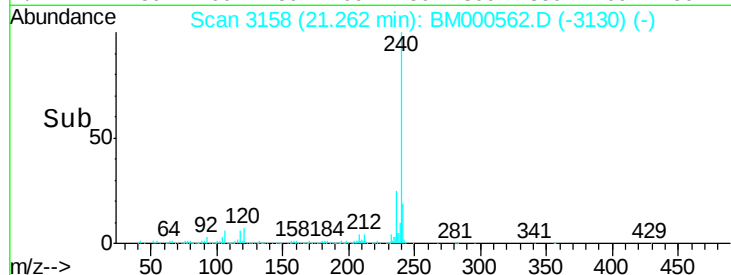
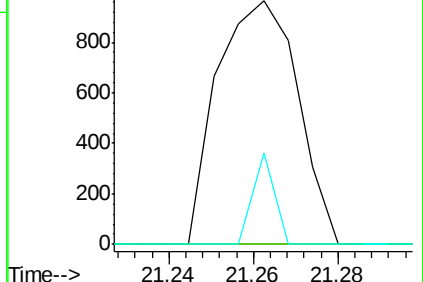
229 37.6 15.3 22.9#



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: 0.01 ng/ul

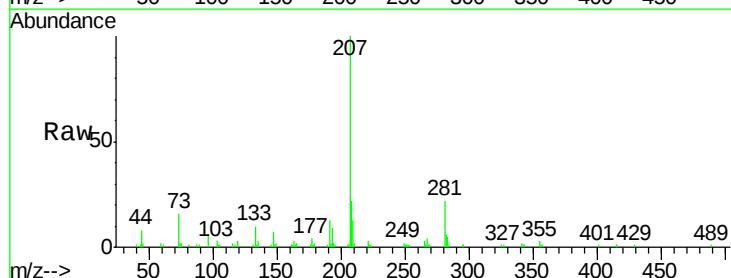
RT: 22.05 min Scan# 3292

Delta R.T. 0.00 min

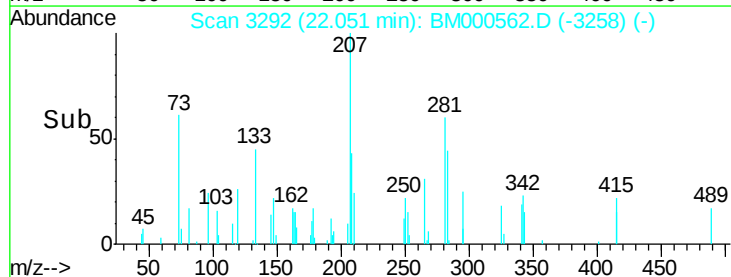
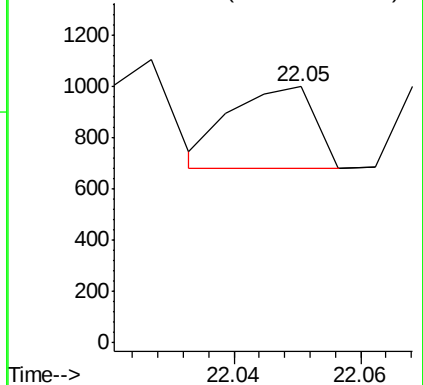
Lab File: BM000562.D

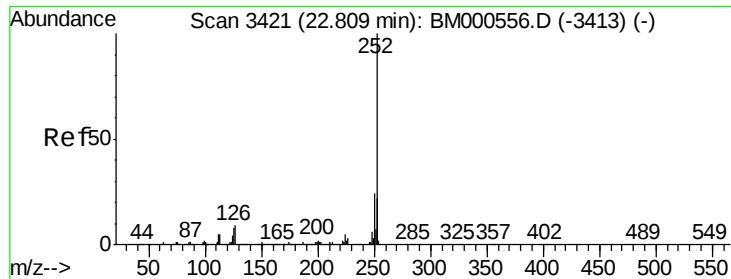
Acq: 20 Feb 2015 16:08

Tgt Ion:149 Resp: 286



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.04 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

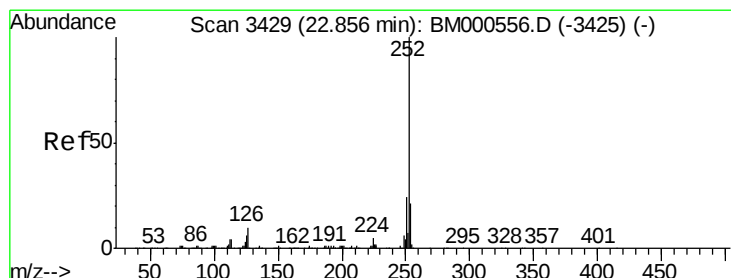
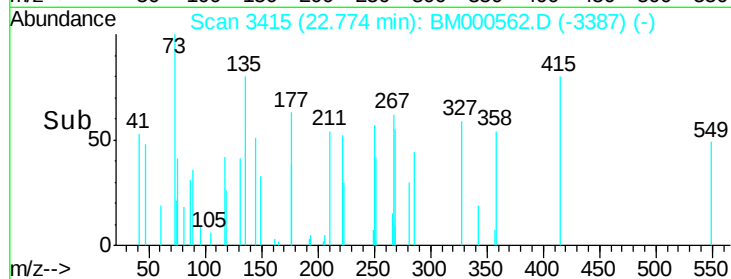
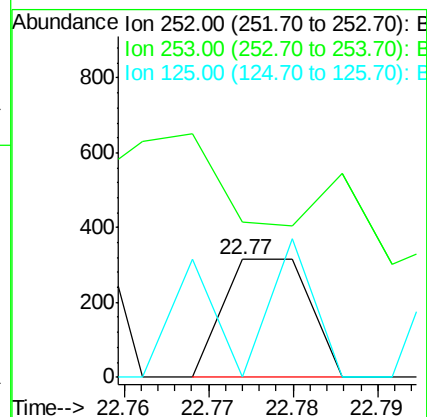
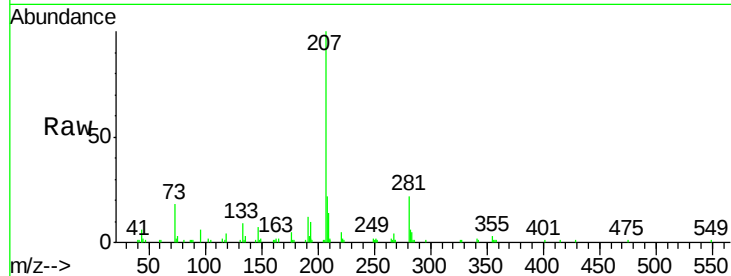
Tgt Ion:252 Resp: 222

Ion Ratio Lower Upper

252 100

253 132.1 17.4 26.0#

125 0.0 6.2 9.2#



#86

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.94 min Scan# 3444

Delta R.T. 0.09 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

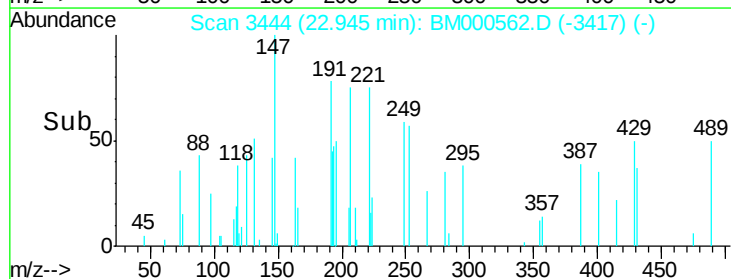
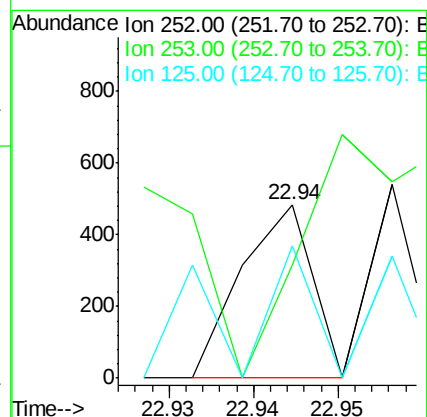
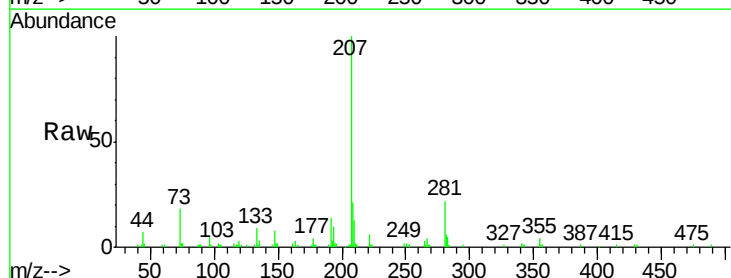
Tgt Ion:252 Resp: 283

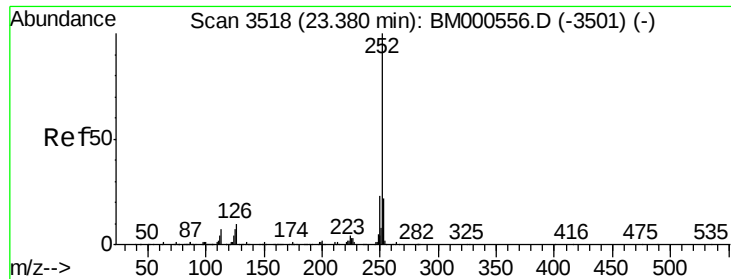
Ion Ratio Lower Upper

252 100

253 64.9 17.1 25.7#

125 76.3 5.3 7.9#





#88

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 23.39 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BM000562.D

Acq: 20 Feb 2015 16:08

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

Tgt Ion:252 Resp: 361

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 0.0 5.4 8.0#

