

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
 Data File : BM000692.D
 Acq On : 11 Mar 2015 14:27
 Operator : TP/IZ
 Sample : G1452-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1K74

Quant Time: Mar 12 12:35:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 12 07:14:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	132728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	542771	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	302096	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	657838	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	708716	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	671714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	18426	6.71	ng/uL	0.00
5) Phenol-d5	6.83	99	407098	40.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	243527	40.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	323292	40.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	324943	41.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	155726	44.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	168817	44.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	309393	40.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	390567	44.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	946041	48.93	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1207354	43.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	163306	40.76	ng/ul	0.00
57) Fluorene-d10	15.30	176	872368	43.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	141318	39.47	ng/ul	0.00
70) Anthracene-d10	17.15	188	1359875	45.09	ng/ul	0.00
76) Pyrene-d10	19.46	212	1511420	47.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1390361	47.43	ng/ul	0.00

Target Compounds

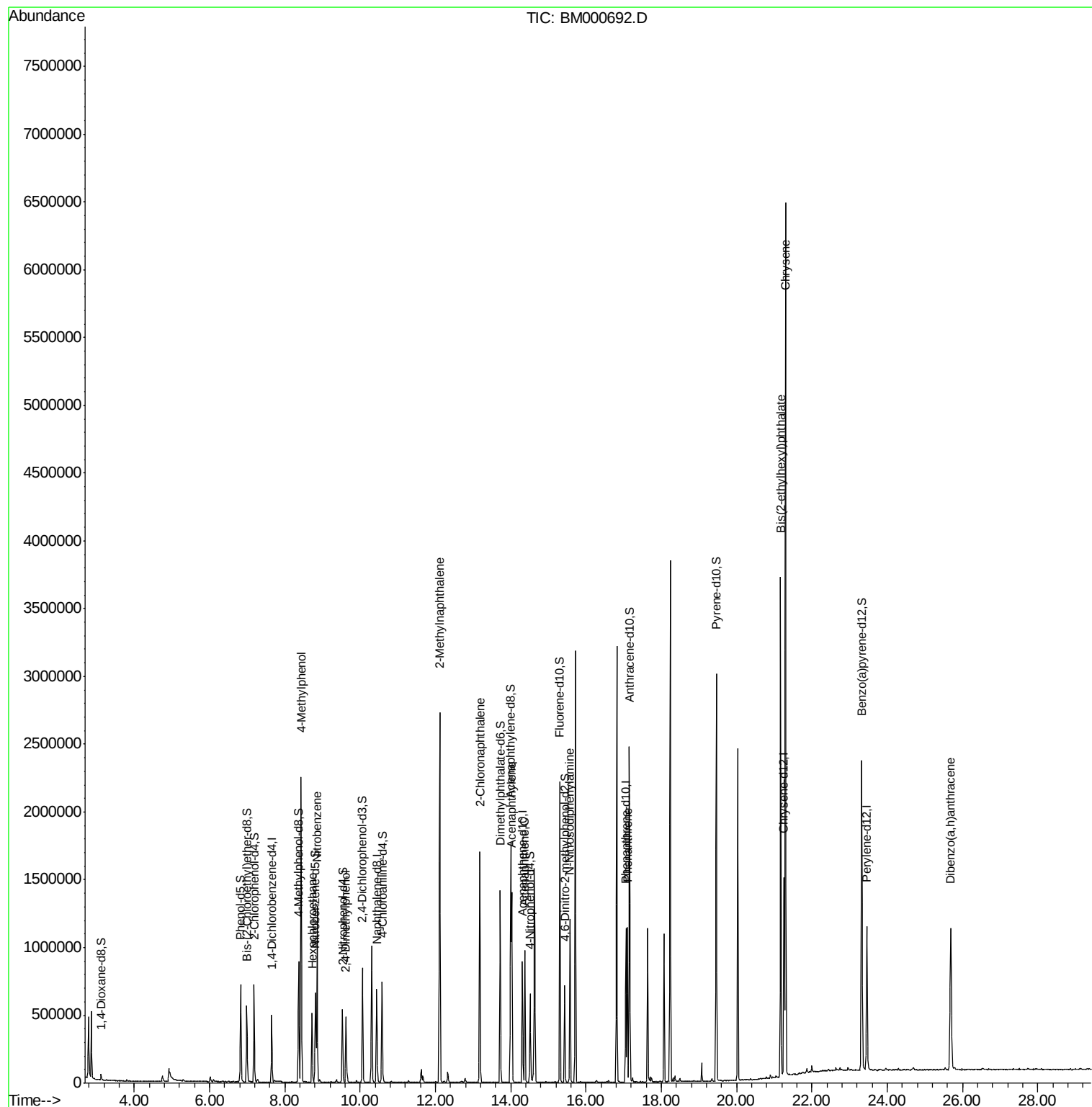
						Qvalue
16) 4-Methylphenol	8.43	108	792444	88.79	ng/ul	90
17) Hexachloroethane	8.72	117	95649	28.23	ng/ul	100
20) Nitrobenzene	8.85	77	656212	70.14	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	179738	19.05	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	1330903	66.40	ng/ul	97
41) 2-Chloronaphthalene	13.17	162	850078	43.76	ng/ul	99
47) Acenaphthylene	14.03	152	975992	30.88	ng/ul	99
49) Acenaphthene	14.37	153	381581	18.24	ng/ul	97
64) N-Nitrosodiphenylamine	15.57	169	454098	22.85	ng/ul	98
69) Phenanthrene	17.10	178	694710	18.27	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	1150229	54.51	ng/ul	100
82) Chrysene	21.29	228	3092492	76.37	ng/ul	99
90) Dibenzo(a,h)anthracene	25.69	278	1024141	27.76	ng/ul	98

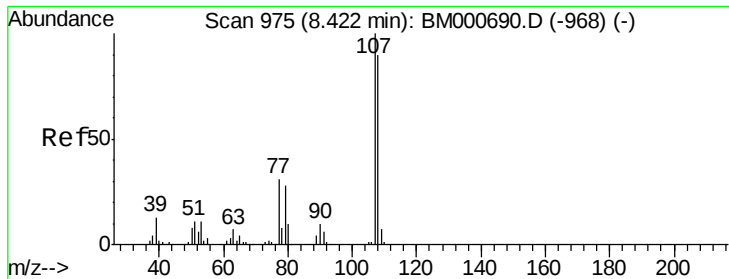
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 07:14:19 2015
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#16

4-Methylphenol

Concen: 88.79 ng/ul

RT: 8.43 min Scan# 977

Delta R.T. 0.01 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

Instrument :

BNA_M

ClientSampleId :

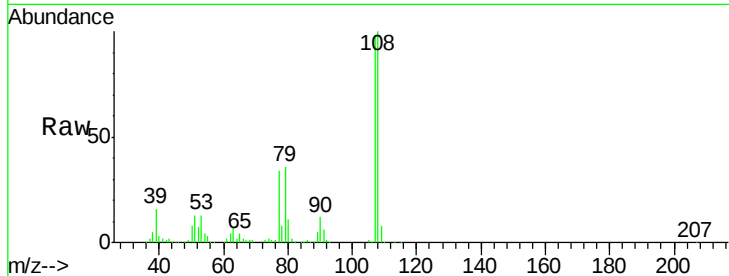
X1K74

Tgt Ion:108 Resp: 792444

Ion Ratio Lower Upper

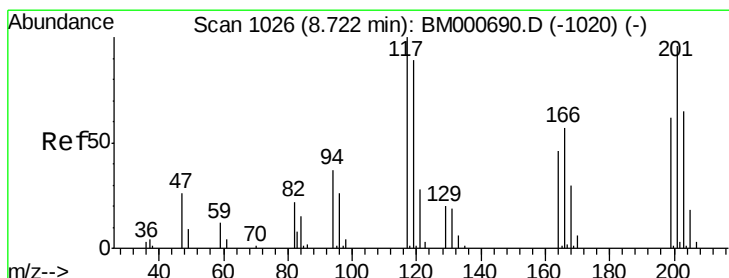
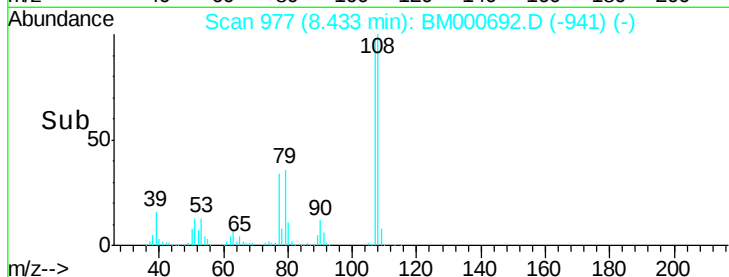
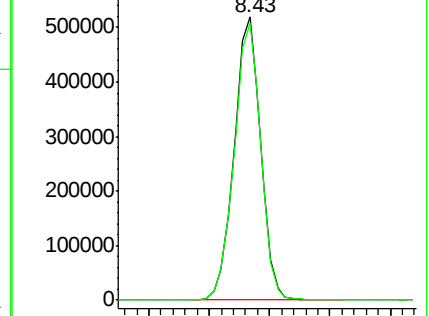
108 100

107 97.8 86.9 130.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 28.23 ng/ul

RT: 8.72 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

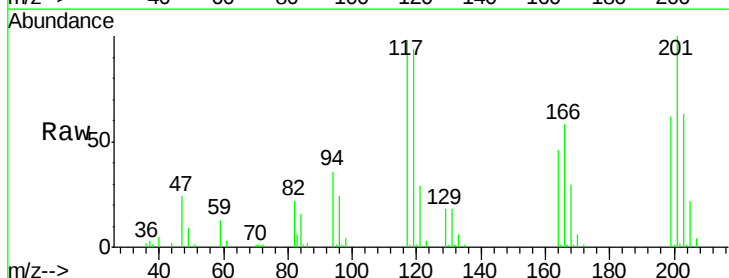
Tgt Ion:117 Resp: 95649

Ion Ratio Lower Upper

117 100

201 102.6 82.2 123.4

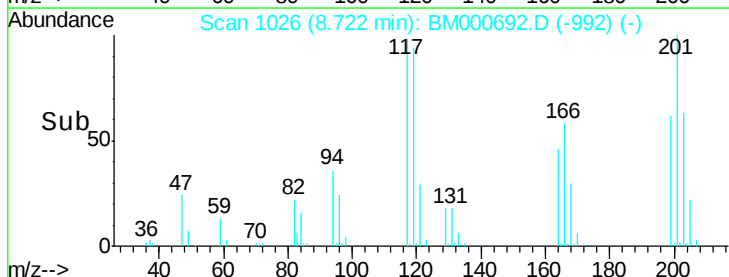
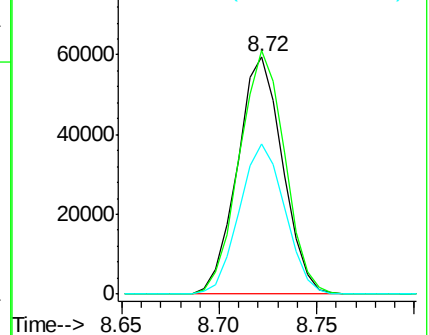
199 63.1 50.9 76.3

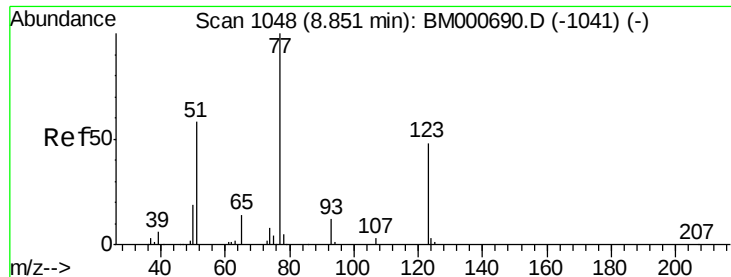


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

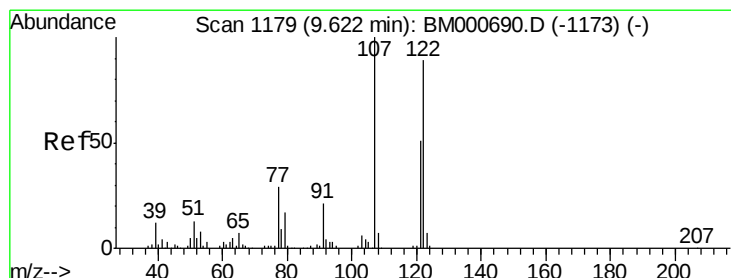
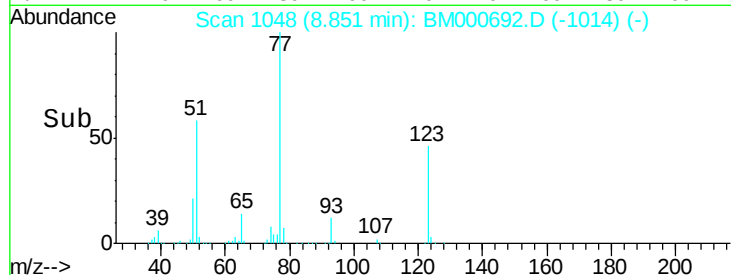
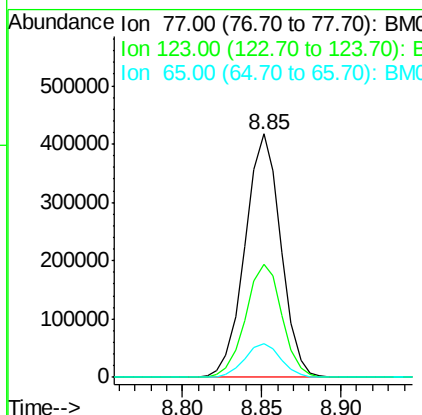
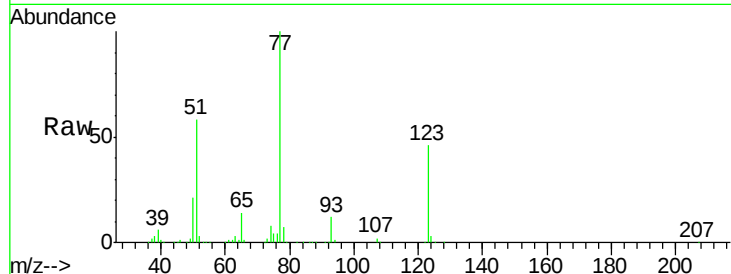




#20
 Nitrobenzene
 Concen: 70.14 ng/ul
 RT: 8.85 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BM000692.D
 Acq: 11 Mar 2015 14:27

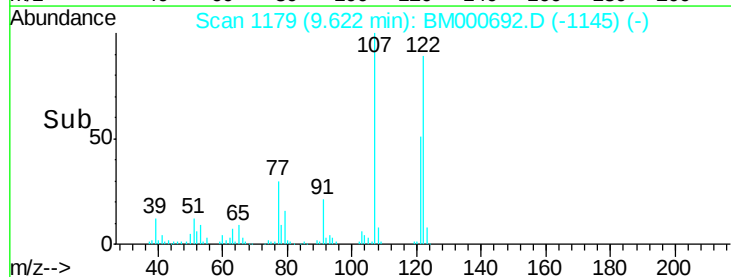
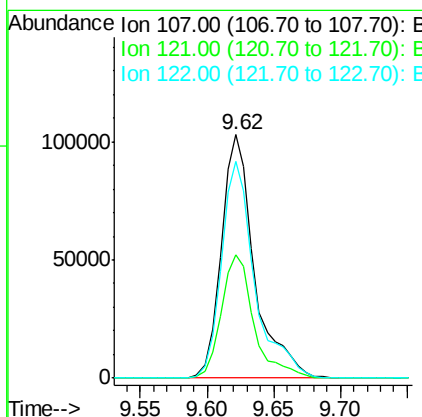
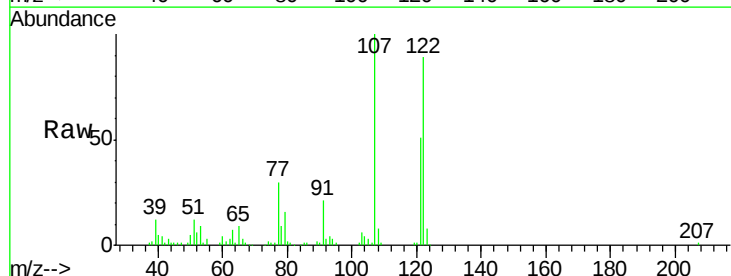
Instrument :
 BNA_M
 ClientSampled :
 X1K74

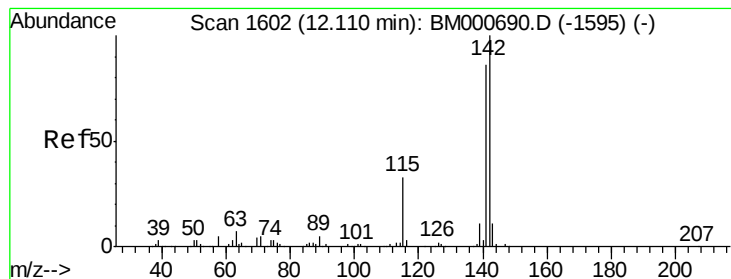
Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	38.9	58.3
65	14.0	11.5	17.3



#24
 2,4-Dimethylphenol
 Concen: 19.05 ng/ul
 RT: 9.62 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BM000692.D
 Acq: 11 Mar 2015 14:27

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.9	40.8	61.2
122	88.9	72.4	108.6





#34

2-Methylnaphthalene

Concen: 66.40 ng/ul

RT: 12.11 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

Instrument :

BNA_M

ClientSampleId :

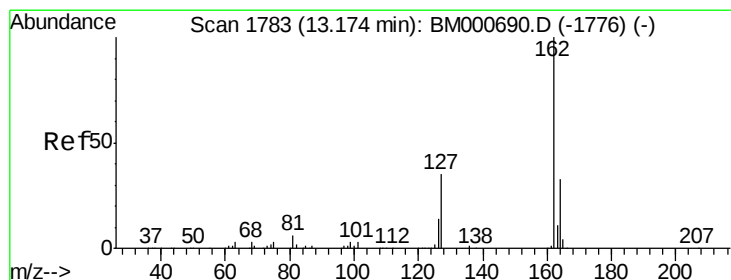
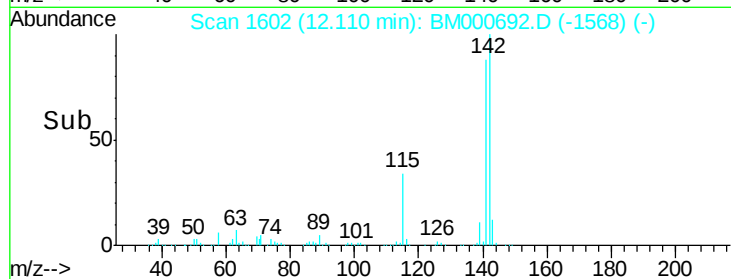
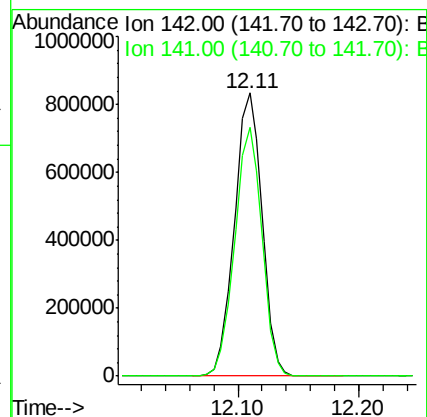
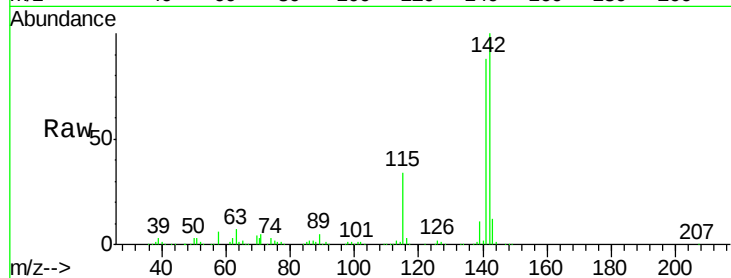
X1K74

Tgt Ion:142 Resp: 1330903

Ion Ratio Lower Upper

142 100

141 87.7 68.2 102.4



#41

2-Chloronaphthalene

Concen: 43.76 ng/ul

RT: 13.17 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

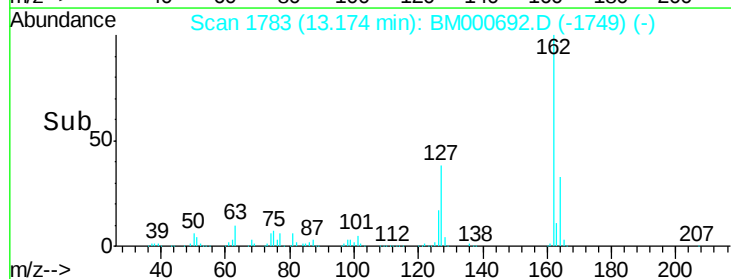
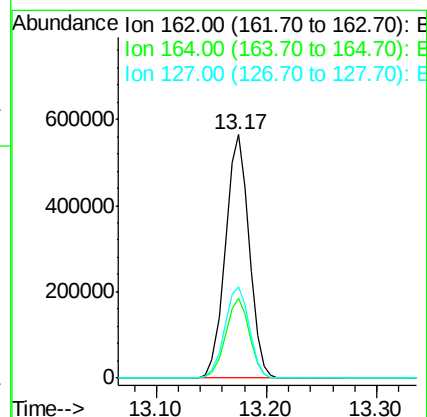
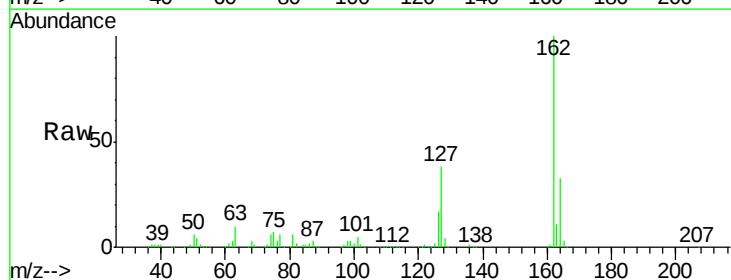
Tgt Ion:162 Resp: 850078

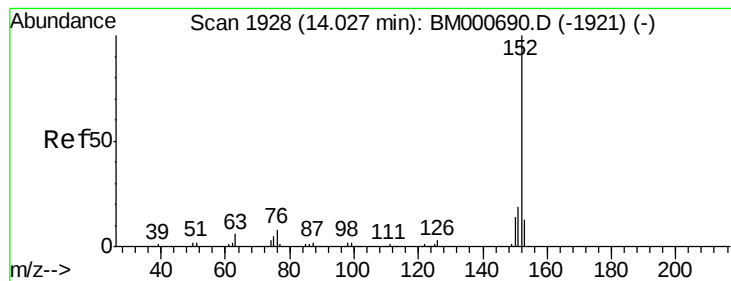
Ion Ratio Lower Upper

162 100

164 33.0 25.6 38.4

127 37.6 29.9 44.9





#47

Acenaphthylene

Concen: 30.88 ng/ul

RT: 14.03 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

Instrument :

BNA_M

ClientSampleId :

X1K74

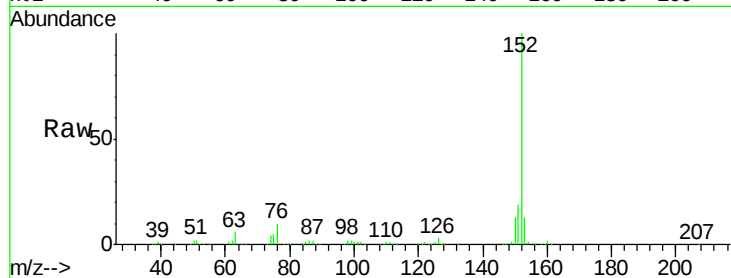
Tgt Ion:152 Resp: 975992

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7

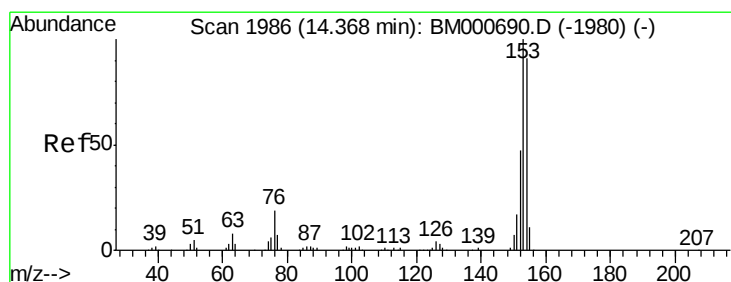
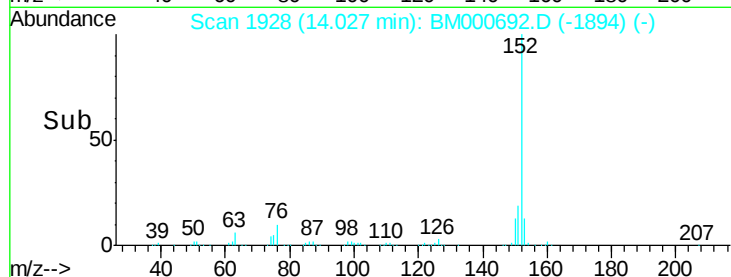
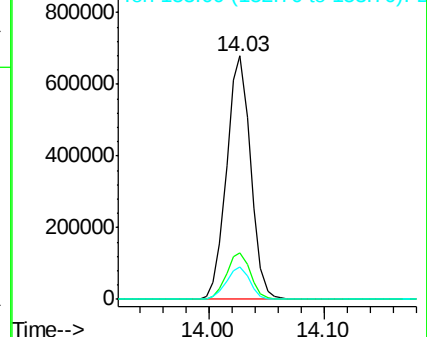
153 13.1 10.2 15.2



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: 18.24 ng/ul

RT: 14.37 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

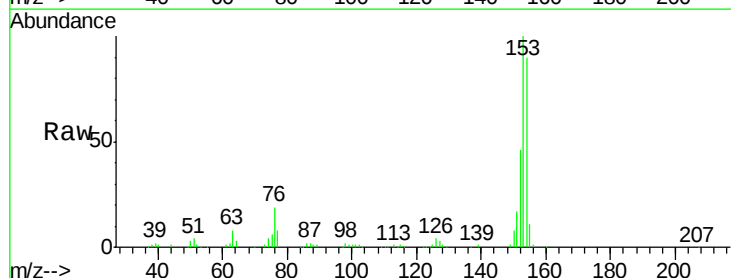
Tgt Ion:153 Resp: 381581

Ion Ratio Lower Upper

153 100

152 45.8 38.3 57.5

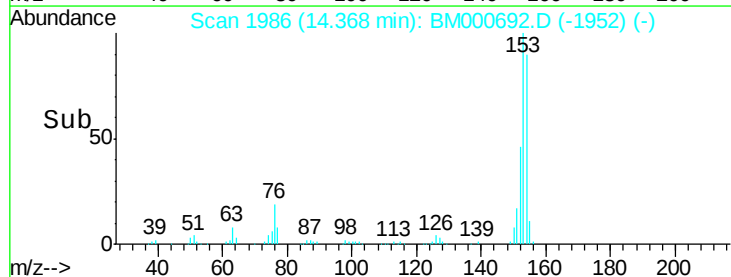
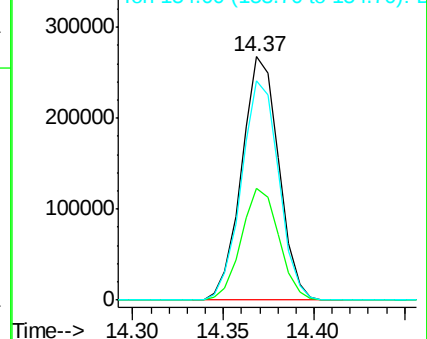
154 90.3 70.5 105.7

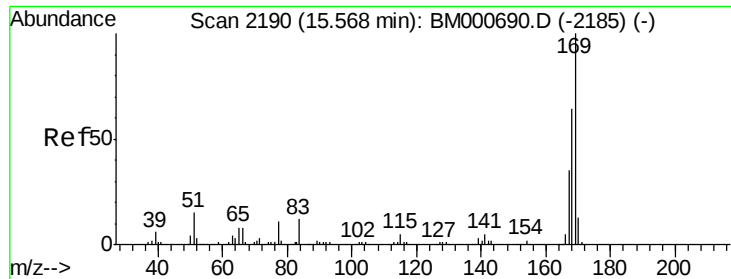


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#64

N-Nitrosodiphenylamine

Concen: 22.85 ng/ul

RT: 15.57 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

Instrument :

BNA_M

ClientSampleId :

X1K74

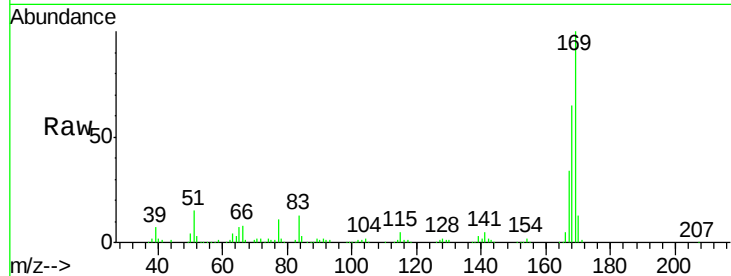
Tgt Ion:169 Resp: 454098

Ion Ratio Lower Upper

169 100

168 65.3 51.3 76.9

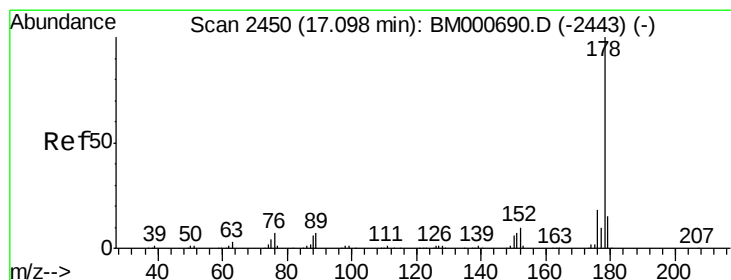
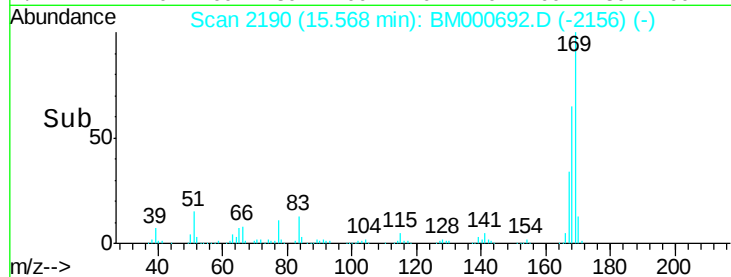
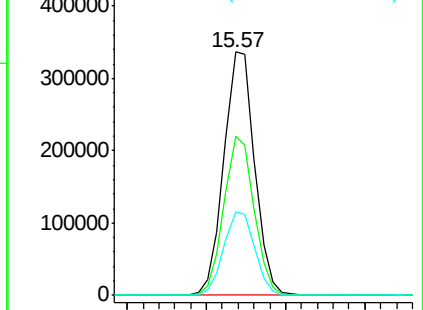
167 34.1 28.1 42.1



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



#69

Phenanthrene

Concen: 18.27 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

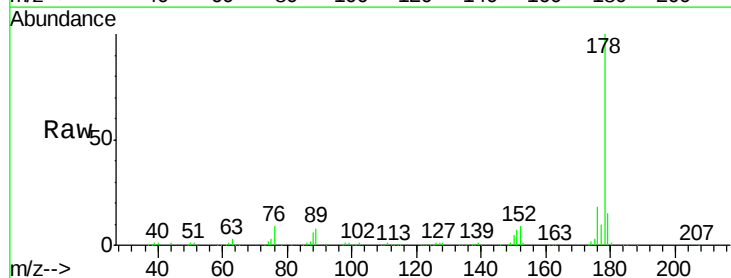
Tgt Ion:178 Resp: 694710

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

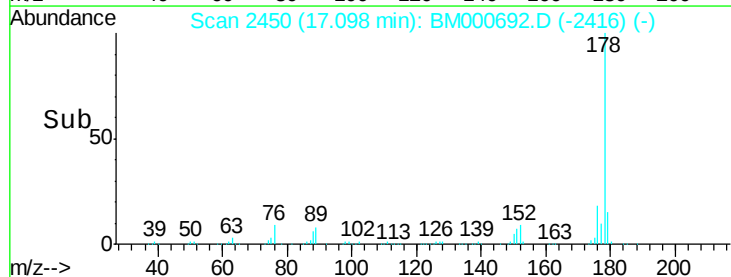
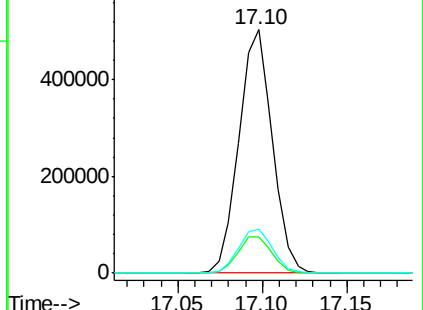
176 18.3 14.6 22.0

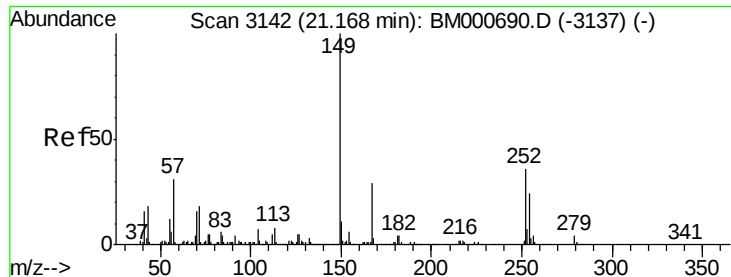


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 54.51 ng/ul

RT: 21.17 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

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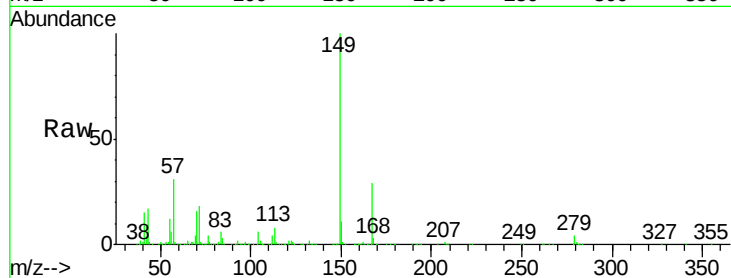
Tgt Ion:149 Resp: 1150229

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

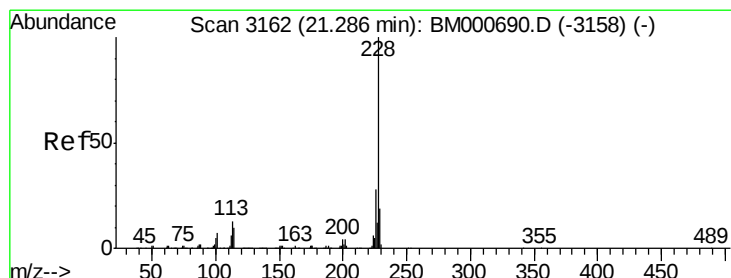
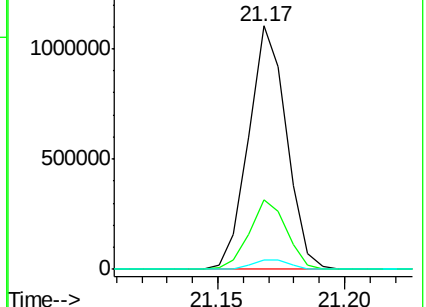
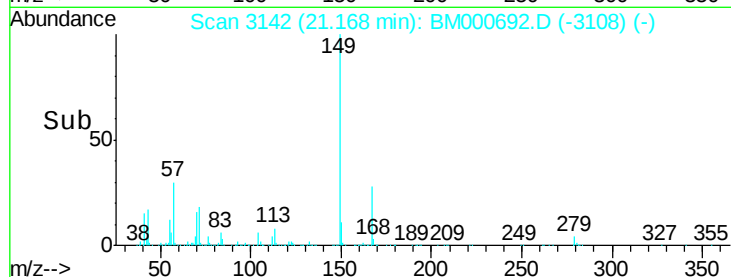
279 3.7 3.4 5.2



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: 76.37 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. 0.01 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

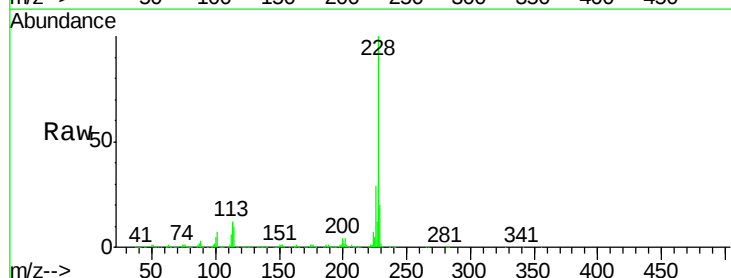
Tgt Ion:228 Resp: 3092492

Ion Ratio Lower Upper

228 100

226 29.3 22.8 34.2

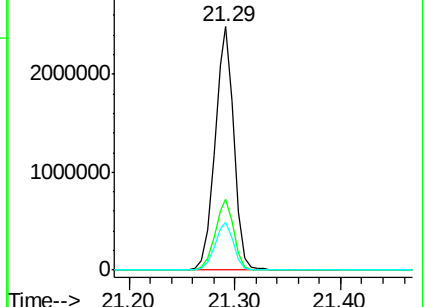
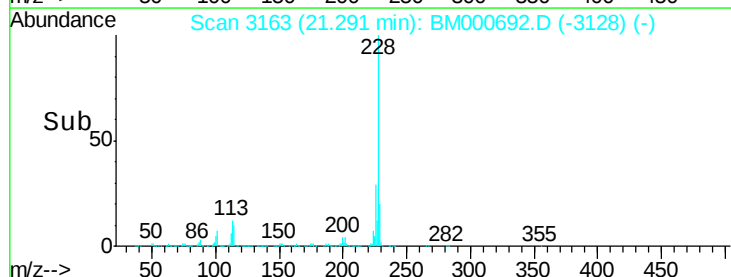
229 19.8 15.7 23.5

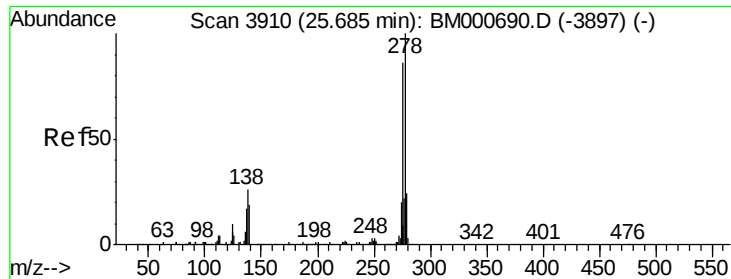


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#90

Dibenzo(a,h)anthracene

Concen: 27.76 ng/ul

RT: 25.69 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM000692.D

Acq: 11 Mar 2015 14:27

Instrument :

BNA_M

ClientSampleId :

X1K74

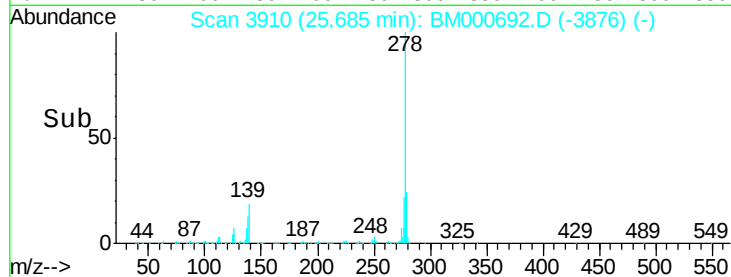
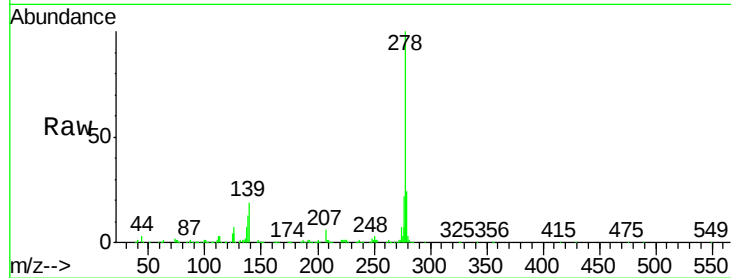
Tgt Ion:278 Resp: 1024141

Ion Ratio Lower Upper

278 100

139 19.1 14.3 21.5

279 23.7 19.4 29.0



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

