

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000075.D
 Acq On : 30 Dec 2014 01:39
 Operator : TP
 Sample : MDL-02-S
 Misc : MDL-SOIL-8PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:20:55 AM

Quant Time: Dec 31 07:06:42 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	240800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1053005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	753663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1479004	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1368774	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1082504	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	22852	5.50	ng/uL	-0.01
5) Phenol-d5	7.00	99	588508	28.21	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	359171	28.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	426354	28.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	465845	28.27	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	217639	29.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	229600	30.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	447731	27.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	592099	31.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1551424	27.91	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1836116	27.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	224349	24.99	ng/ul	0.00
57) Fluorene-d10	15.47	176	1301910	27.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	108478	14.79	ng/ul	0.00
70) Anthracene-d10	17.32	188	1934796	28.29	ng/ul	0.00
76) Pyrene-d10	19.61	212	2024399	32.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1436074	29.40	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	22733	3.95	ng/uL	90
4) Benzaldehyde	6.98	77	67160	5.17	ng/ul	96
6) Phenol	7.03	94	95196	4.38	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	75780	4.56	ng/ul	98
10) 2-Chlorophenol	7.41	128	68747	4.42	ng/ul	98
11) 2-Methylphenol	8.28	108	72055	4.30	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	128695	4.81	ng/ul	99
14) Acetophenone	8.66	105	122399	4.35	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	65459	4.44	ng/ul	95
16) 4-Methylphenol	8.60	108	80111	4.42	ng/ul	97
17) Hexachloroethane	8.93	117	30641	4.32	ng/ul	95
20) Nitrobenzene	9.04	77	97975	4.51	ng/ul	99
21) Isophorone	9.56	82	180316	4.31	ng/ul	99
23) 2-Nitrophenol	9.75	139	37548	4.57	ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	98922	4.44	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	104283	4.48	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	75227	4.59	ng/ul#	88
28) Naphthalene	10.69	128	240211	4.47	ng/ul	99
30) 4-Chloroaniline	10.79	127	84834	4.40	ng/ul	100
31) Hexachlorobutadiene	10.97	225	53815	4.63	ng/ul	99
32) Caprolactam	11.57	113	21930	4.02	ng/ul	84
33) 4-Chloro-3-methylphenol	11.91	107	89053	4.43	ng/ul	94
34) 2-Methylnaphthalene	12.30	142	177972	4.47	ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000075.D
 Acq On : 30 Dec 2014 01:39
 Operator : TP
 Sample : MDL-02-S
 Misc : MDL-SOIL-8PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

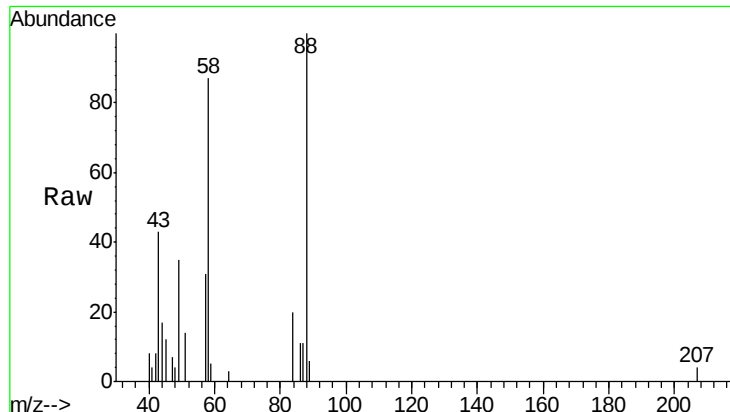
Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:20:55 AM

Quant Time: Dec 31 07:06:42 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	90555	4.33	ng/ul#	94
37) Hexachlorocyclopentadiene	12.64	237	49260	3.57	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	56923	4.27	ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	61353	4.24	ng/ul	96
40) 1,1'-Biphenyl	13.31	154	239993	4.42	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	185773	4.46	ng/ul	100
42) 2-Nitroaniline	13.56	65	54552	4.04	ng/ul	96
44) Dimethylphthalate	13.93	163	246436	4.45	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	39834	4.02	ng/ul	86
47) Acenaphthylene	14.20	152	310622	4.42	ng/ul	99
48) 3-Nitroaniline	14.38	138	42748	4.22	ng/ul	92
49) Acenaphthene	14.54	153	200158	4.47	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	7113	1.41	ng/ul	96
52) 4-Nitrophenol	14.68	109	48498	4.06	ng/ul	96
53) Dibenzofuran	14.87	168	288607	4.45	ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	58515	3.96	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.10	232	50831	4.07	ng/ul	94
56) Diethylphthalate	15.29	149	254572	4.38	ng/ul	97
58) Fluorene	15.52	166	234877	4.37	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	120447	4.54	ng/ul	92
60) 4-Nitroaniline	15.53	138	49308	4.30	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	18934	2.52	ng/ul#	70
64) N-Nitrosodiphenylamine	15.73	169	201085	4.69	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	71475	4.74	ng/ul	92
66) Hexachlorobenzene	16.53	284	79435	4.57	ng/ul	94
67) Atrazine	16.68	200	71859	4.25	ng/ul	97
68) Pentachlorophenol	16.87	266	36034m	3.41	ng/ul	
69) Phenanthrene	17.26	178	375684m	4.69	ng/ul	
71) Anthracene	17.35	178	369528	4.49	ng/ul	98
72) Carbazole	17.61	167	334507	4.51	ng/ul	99
73) Di-n-butylphthalate	18.19	149	394643	4.46	ng/ul	98
74) Fluoranthene	19.27	202	412003	4.49	ng/ul#	95
77) Pyrene	19.64	202	421828	5.11	ng/ul#	96
78) Butylbenzylphthalate	20.54	149	150542	4.49	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.32	252	104077	4.16	ng/ul#	98
80) Benzo(a)anthracene	21.39	228	361684	4.58	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	212108	4.35	ng/ul	99
82) Chrysene	21.44	228	338640	4.65	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	301721	4.05	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	336468	4.87	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	259509	4.40	ng/ul	100
88) Benzo(a)pyrene	23.60	252	275124	4.53	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	275531	4.35	ng/ul	96
90) Dibenzo(a,h)anthracene	26.05	278	233786	4.39	ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	229154	4.41	ng/ul	97

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



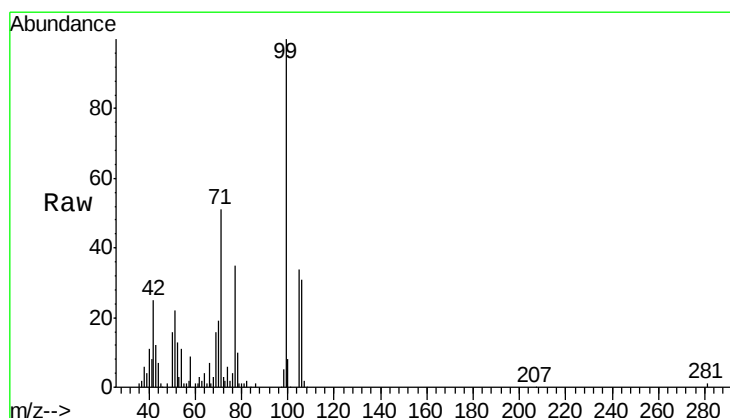
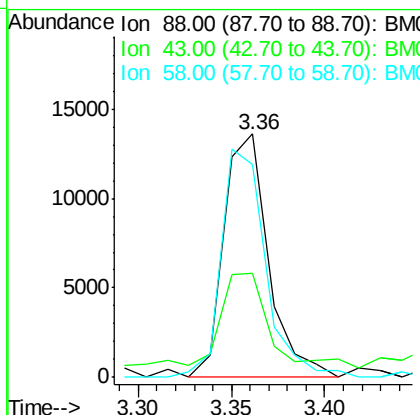
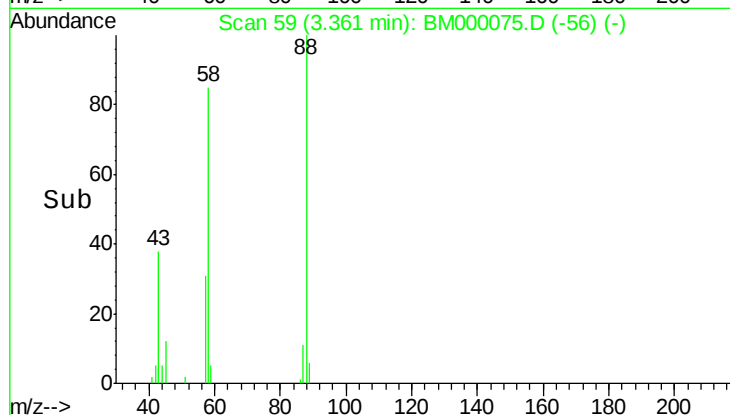
#2
 1,4-Dioxane
 Concen: 3.95 ng/uL
 RT: 3.36 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	88	Resp:	22733
Ion	Ratio	Lower	Upper
88	100		
43	37.1	34.9	52.3
58	92.8	67.3	100.9

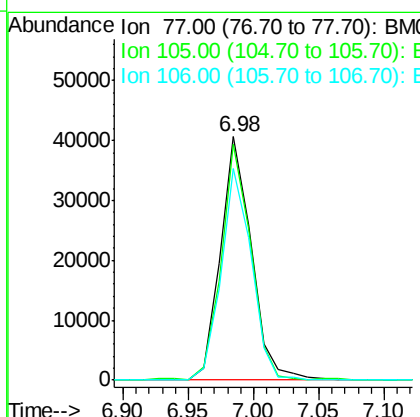
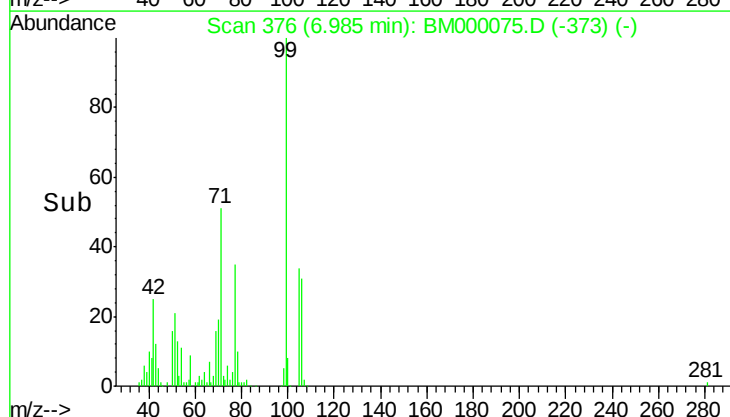
Manual Integrations
 APPROVED

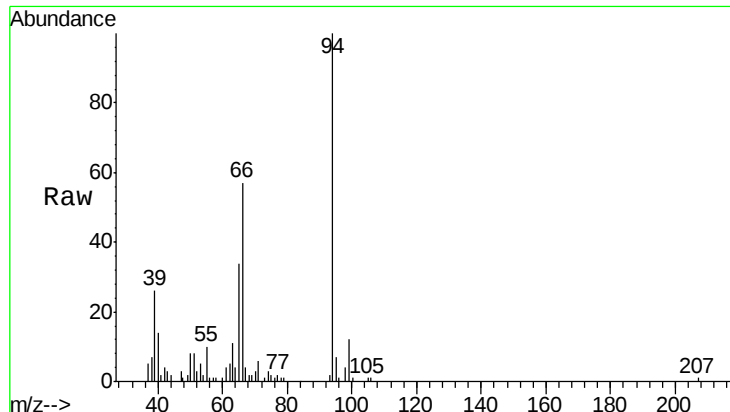
TEJASKUMAR
 1/7/2015 9:20:55 AM



#4
 Benzaldehyde
 Concen: 5.17 ng/uL
 RT: 6.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	77	Resp:	67160
Ion	Ratio	Lower	Upper
77	100		
105	96.8	73.5	110.3
106	86.9	67.9	101.9





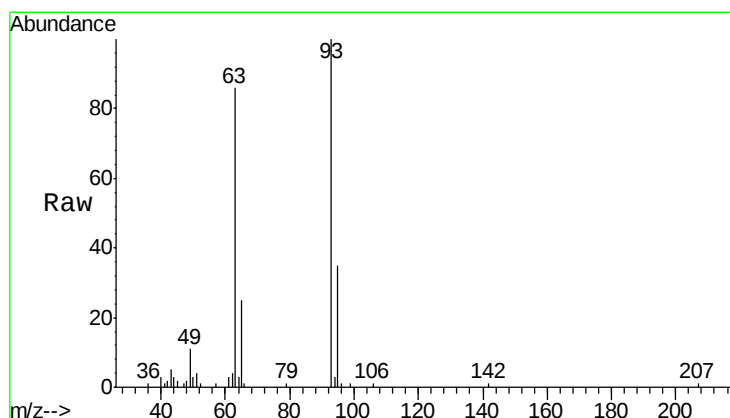
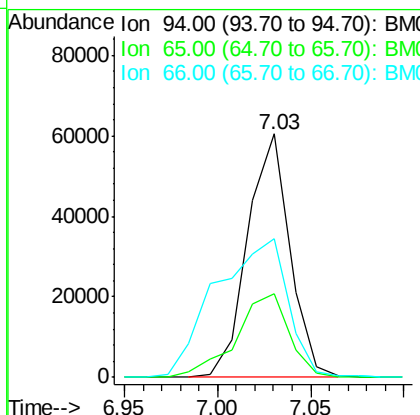
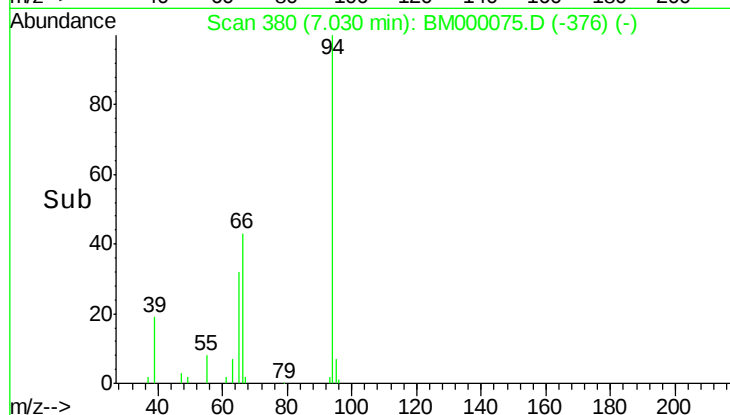
#6
 Phenol
 Concen: 4.38 ng/ul
 RT: 7.03 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion: 94 Resp: 95196
 Ion Ratio Lower Upper
 94 100
 65 34.4 27.4 41.0
 66 57.0 42.5 63.7

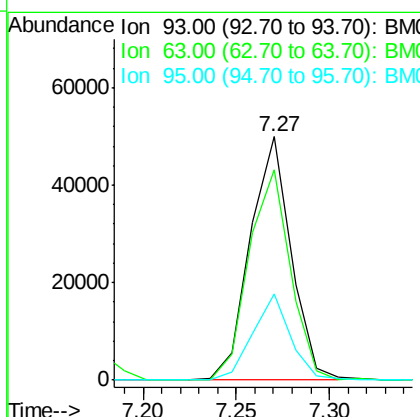
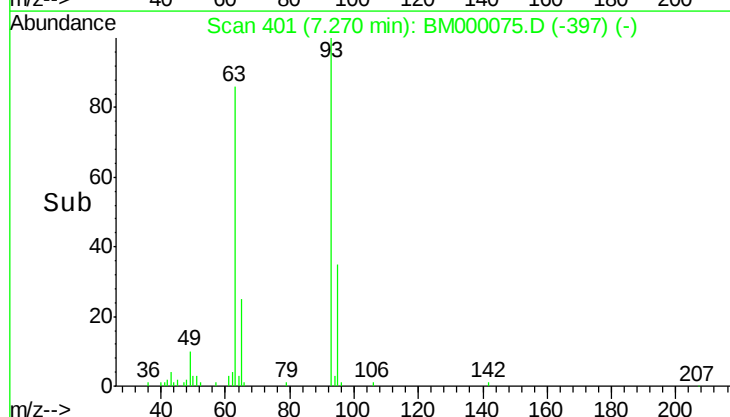
Manual Integrations
 APPROVED

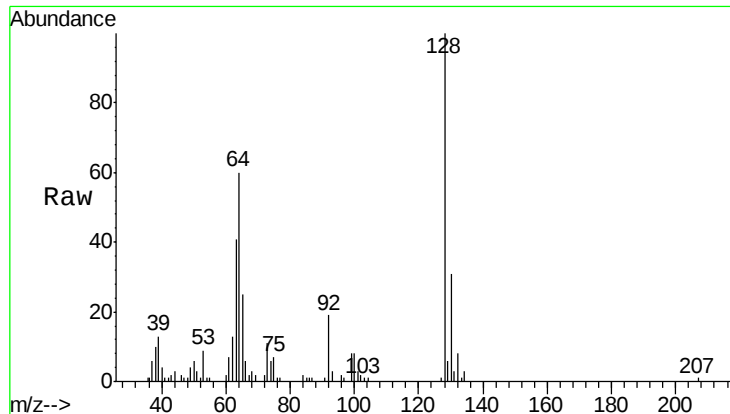
TEJASKUMAR
 1/7/2015 9:20:55 AM



#8
 Bis(2-Chloroethyl)ether
 Concen: 4.56 ng/ul
 RT: 7.27 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion: 93 Resp: 75780
 Ion Ratio Lower Upper
 93 100
 63 86.5 68.9 103.3
 95 35.2 24.6 37.0





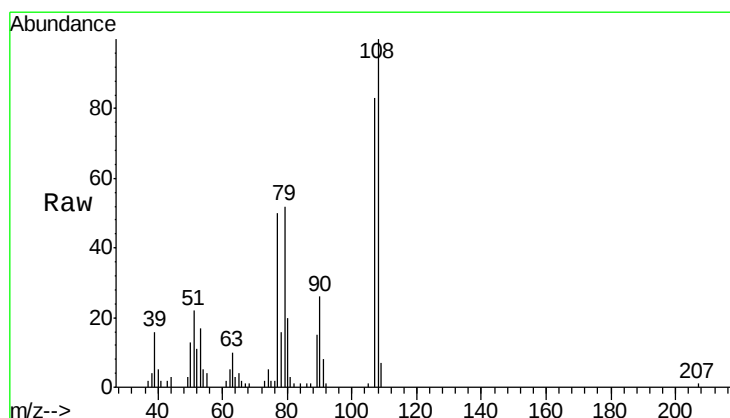
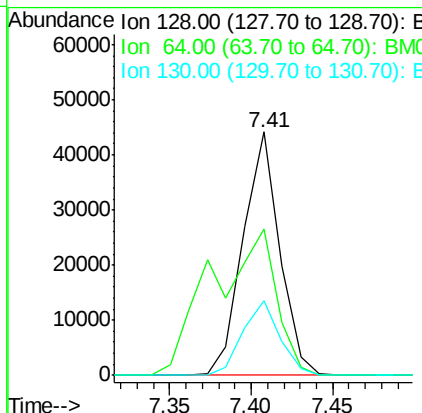
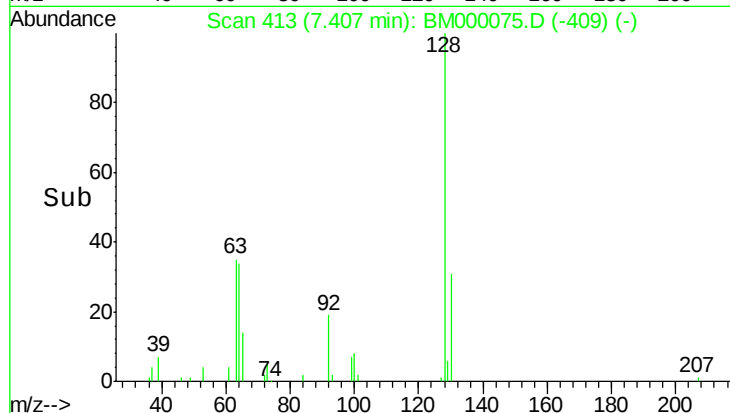
#10
2-Chlorophenol
Concen: 4.42 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
128	100		
64	60.2	47.2	70.8
130	30.5	25.2	37.8

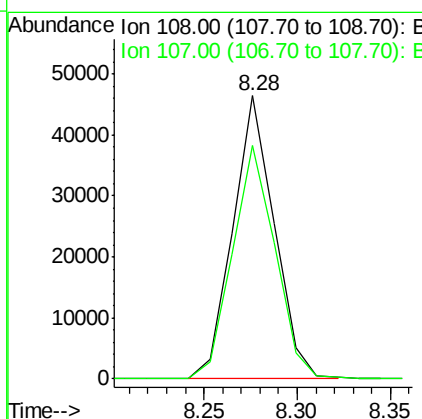
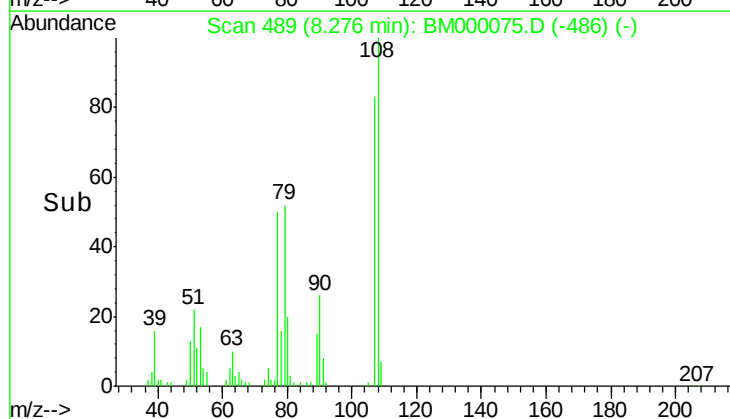
Manual Integrations
APPROVED

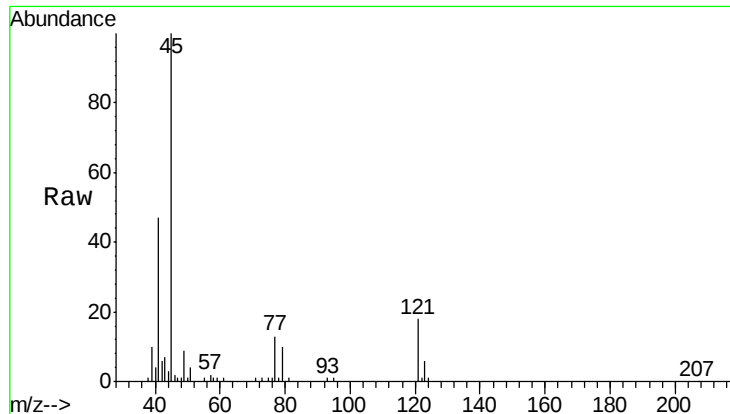
TEJASKUMAR
1/7/2015 9:20:55 AM



#11
2-Methylphenol
Concen: 4.30 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Lower	Upper
108	100		
107	82.5	70.7	106.1





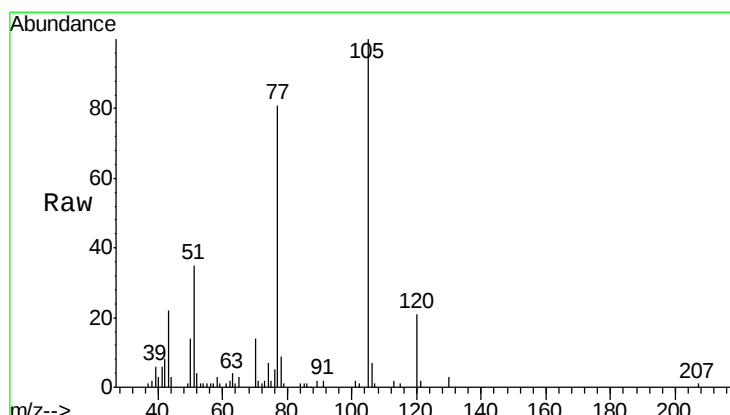
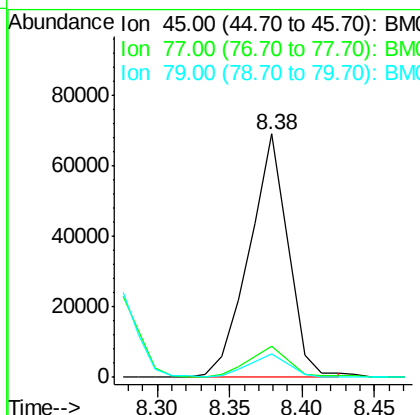
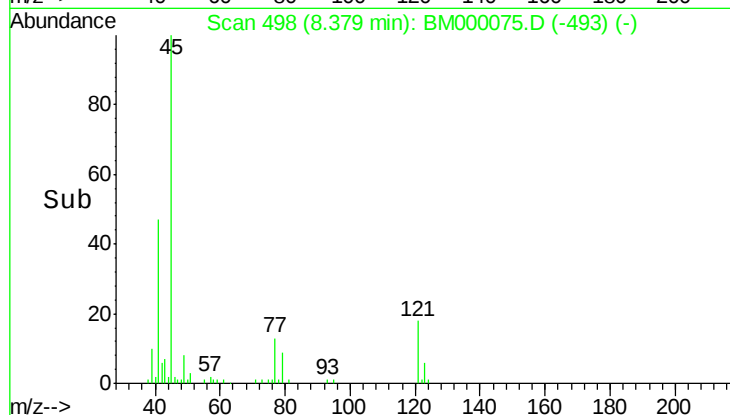
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.81 ng/ul
 RT: 8.38 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	45	Resp:	128695
Ion Ratio	Lower	Upper	
45	100		
77	12.6	9.9	14.9
79	9.9	8.3	12.5

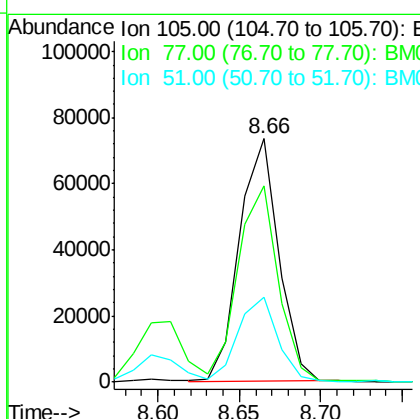
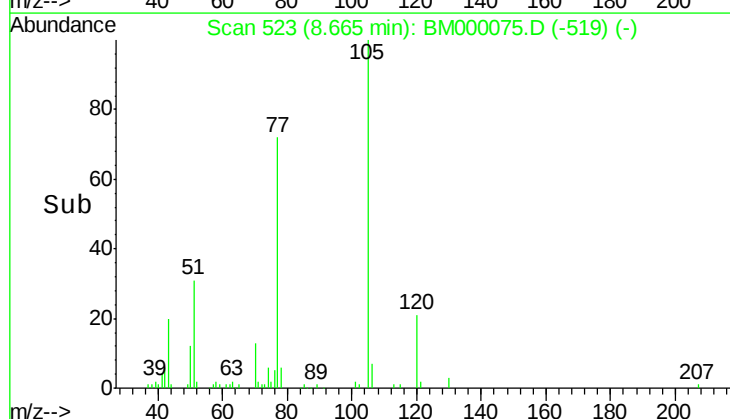
Manual Integrations
 APPROVED

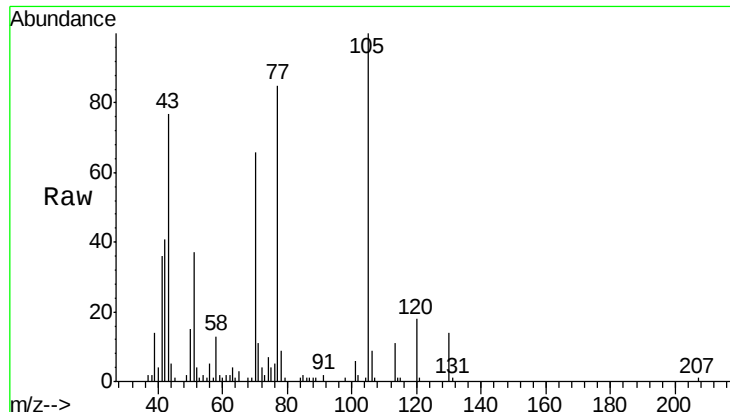
TEJASKUMAR
 1/7/2015 9:20:55 AM



#14
 Acetophenone
 Concen: 4.35 ng/ul
 RT: 8.66 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	105	Resp:	122399
Ion Ratio	Lower	Upper	
105	100		
77	80.5	66.3	99.5
51	34.8	26.5	39.7





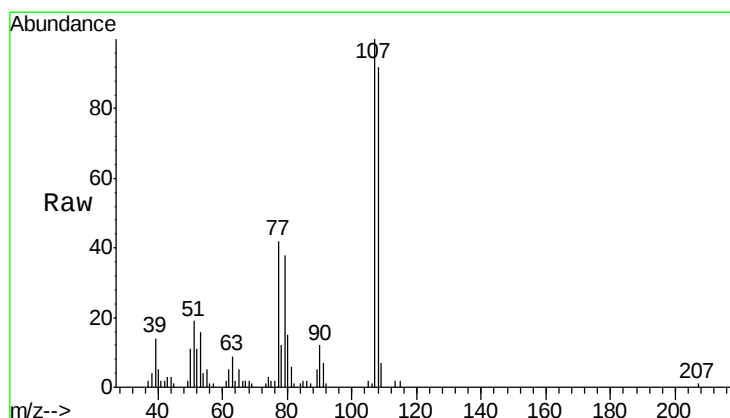
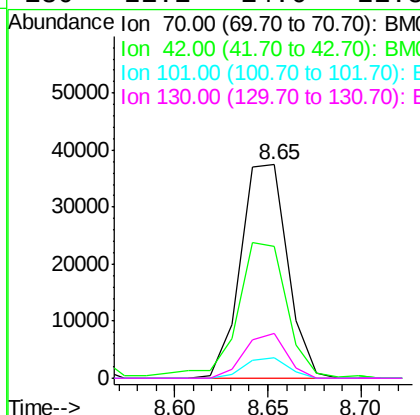
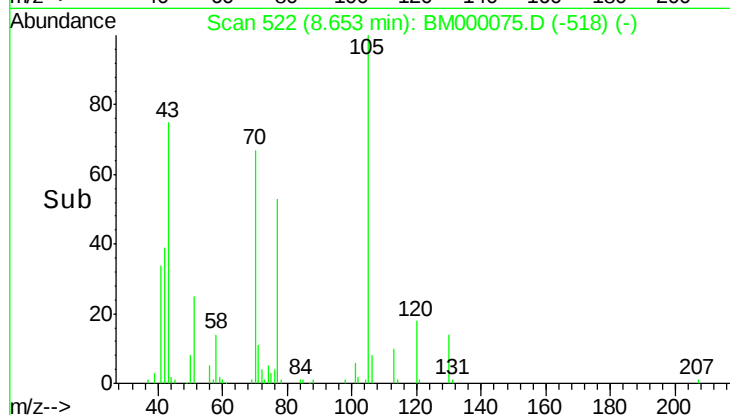
#15
N-Nitroso-di-n-propylamine
Concen: 4.44 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion: 70 Resp: 65459
Ion Ratio Lower Upper
70 100
42 61.6 46.4 69.6
101 9.6 7.8 11.8
130 21.1 14.6 21.8

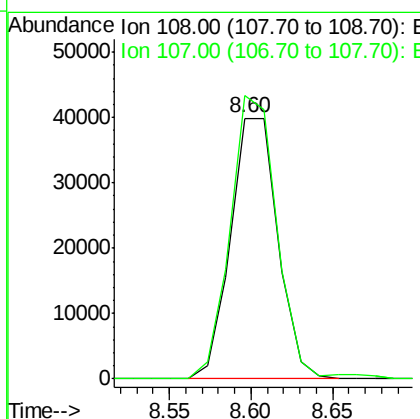
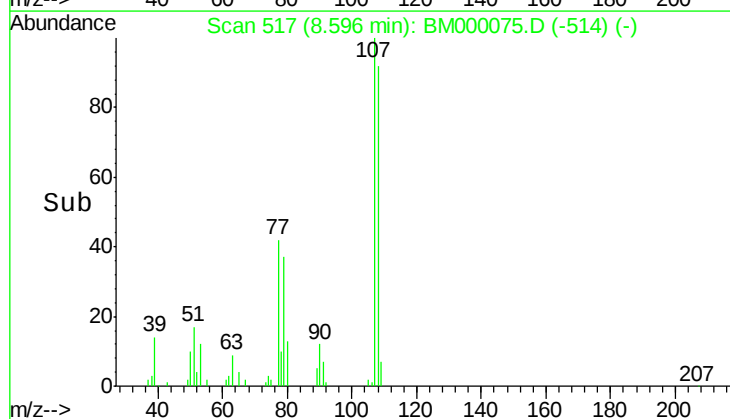
Manual Integrations
APPROVED

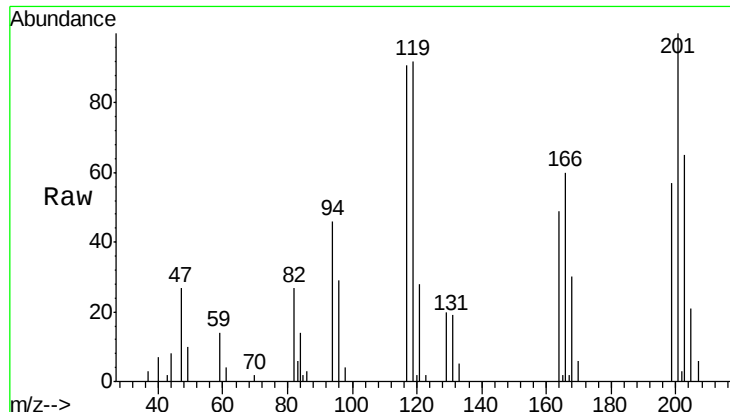
TEJASKUMAR
1/7/2015 9:20:55 AM



#16
4-Methylphenol
Concen: 4.42 ng/ul
RT: 8.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion: 108 Resp: 80111
Ion Ratio Lower Upper
108 100
107 108.6 84.0 126.0





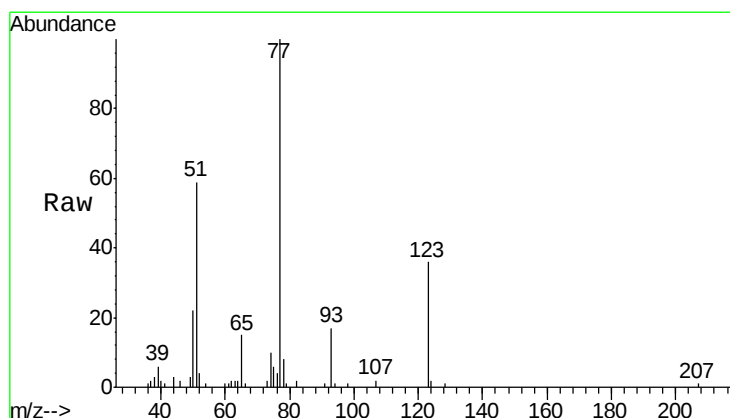
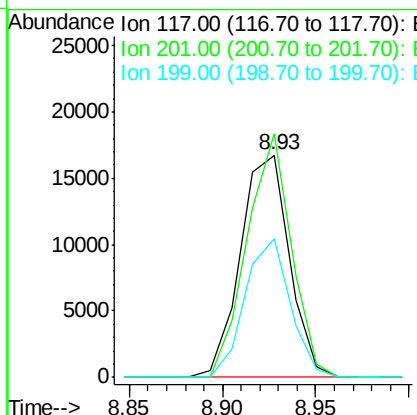
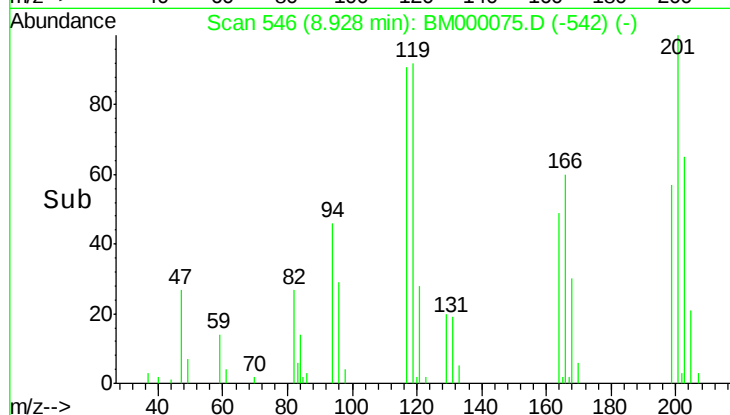
#17
Hexachloroethane
Concen: 4.32 ng/ul
RT: 8.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30641		
201	109.5	85.2	127.8	
199	62.3	55.1	82.7	

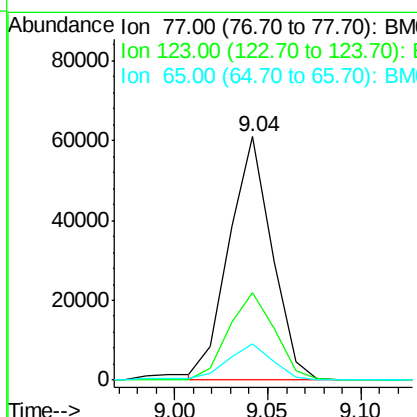
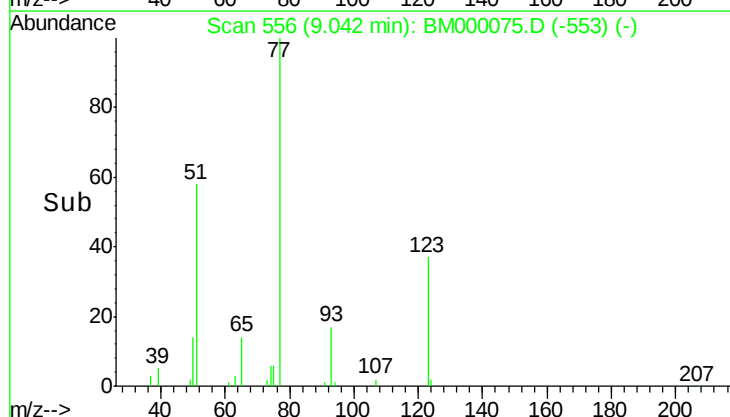
Manual Integrations
APPROVED

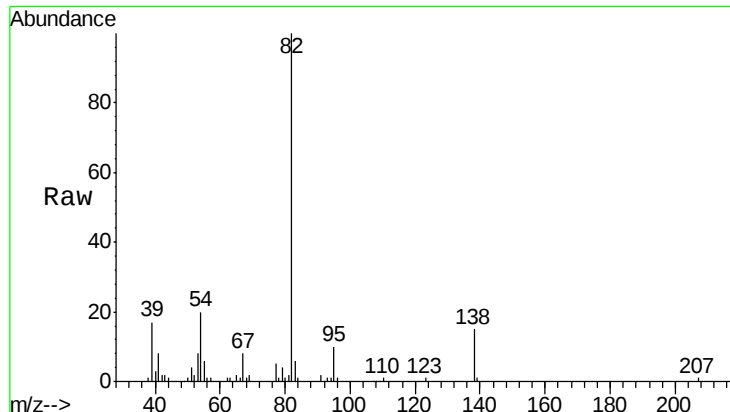
TEJASKUMAR
1/7/2015 9:20:55 AM



#20
Nitrobenzene
Concen: 4.51 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	97975		
123	35.9	29.2	43.8	
65	14.7	12.4	18.6	





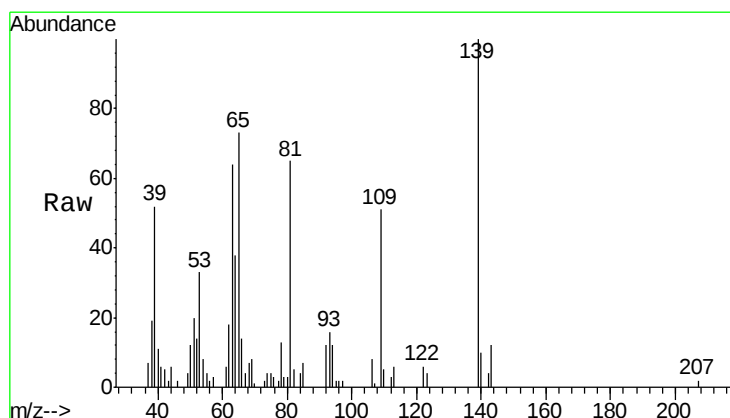
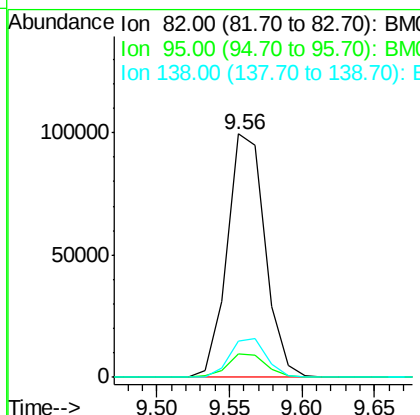
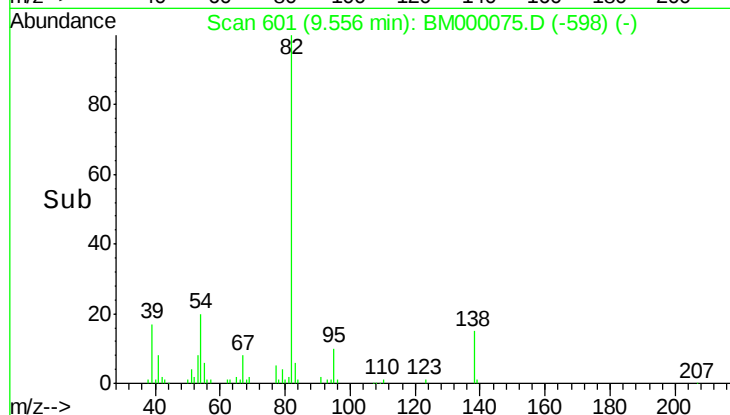
#21
Isophorone
Concen: 4.31 ng/ul
RT: 9.56 min Scan# 601
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	180316		
95	9.5	6.9	10.3	
138	15.0	12.1	18.1	

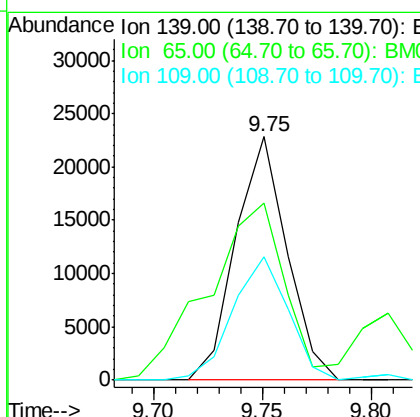
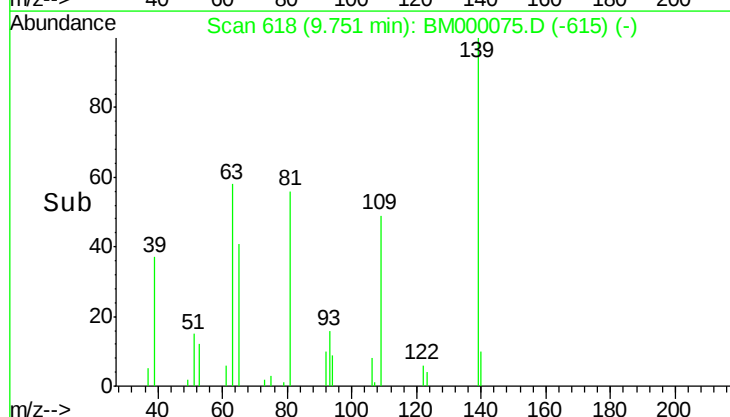
Manual Integrations
APPROVED

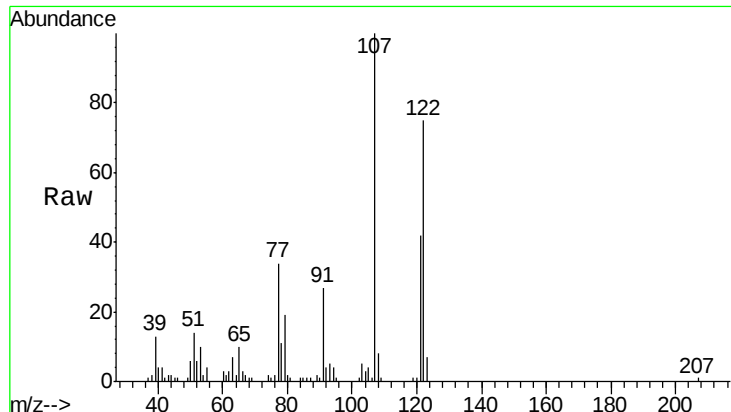
TEJASKUMAR
1/7/2015 9:20:55 AM



#23
2-Nitrophenol
Concen: 4.57 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	37548		
65	72.9	56.3	84.5	
109	50.7	37.1	55.7	





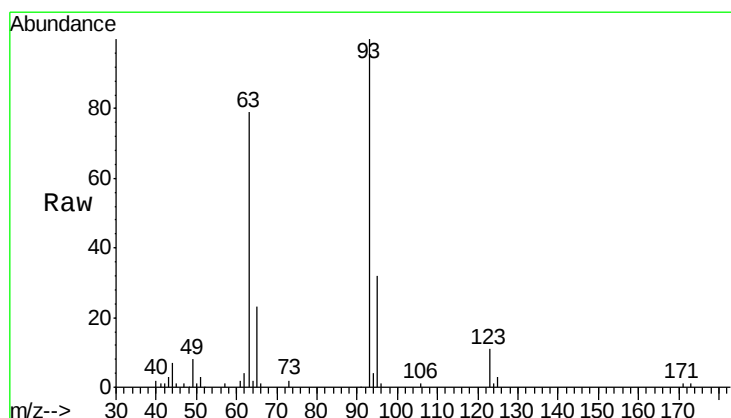
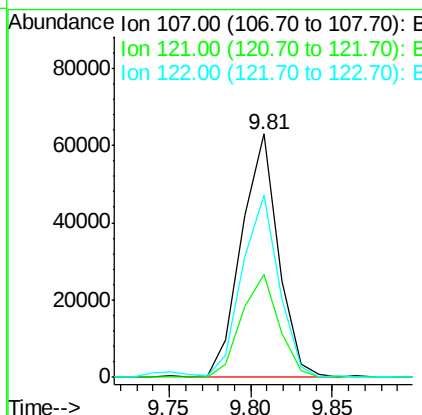
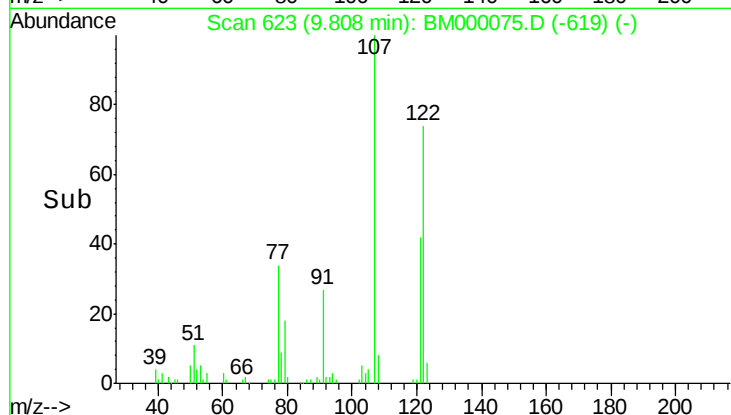
#24
 2,4-Dimethylphenol
 Concen: 4.44 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	107	Resp:	98922
Ion Ratio	Lower	Upper	
107	100		
121	42.4	33.0	49.6
122	75.0	59.3	88.9

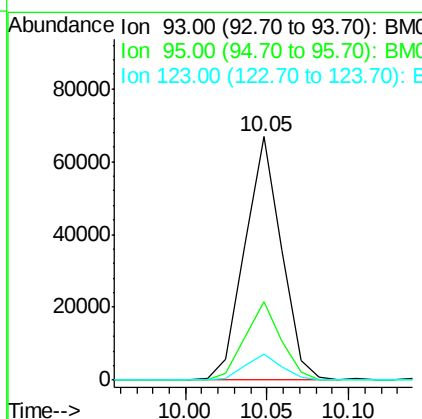
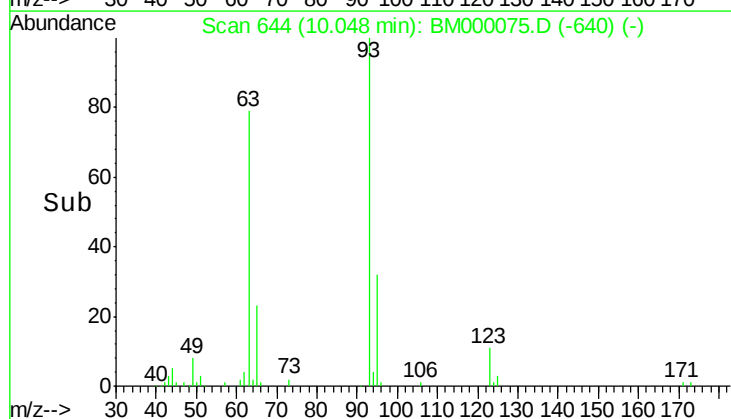
Manual Integrations
 APPROVED

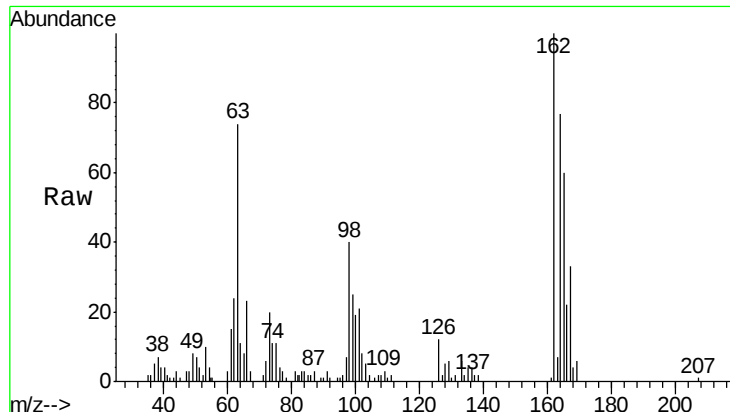
TEJASKUMAR
 1/7/2015 9:20:55 AM



#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.48 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	93	Resp:	104283
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.1	39.1
123	10.8	7.4	11.2





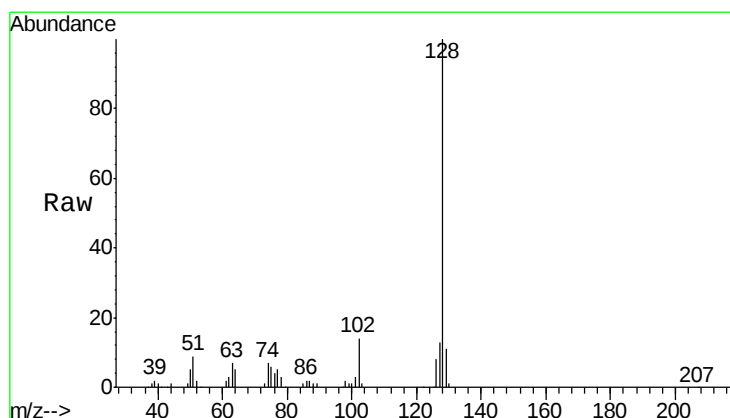
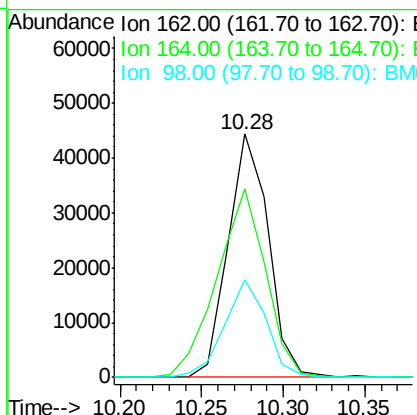
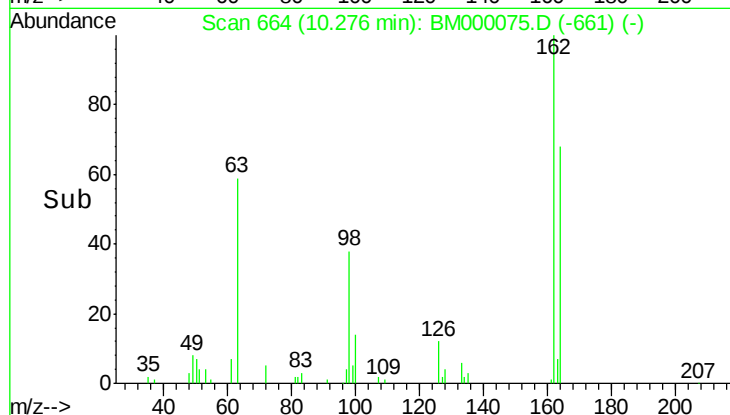
#27
 2,4-Dichlorophenol
 Concen: 4.59 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	162	Resp:	75227
Ion Ratio	Lower	Upper	
162	100		
164	77.3	50.2	75.4#
98	39.9	31.4	47.2

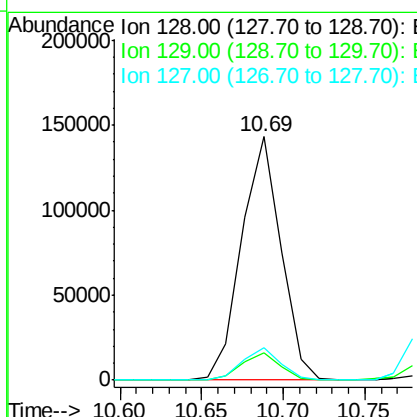
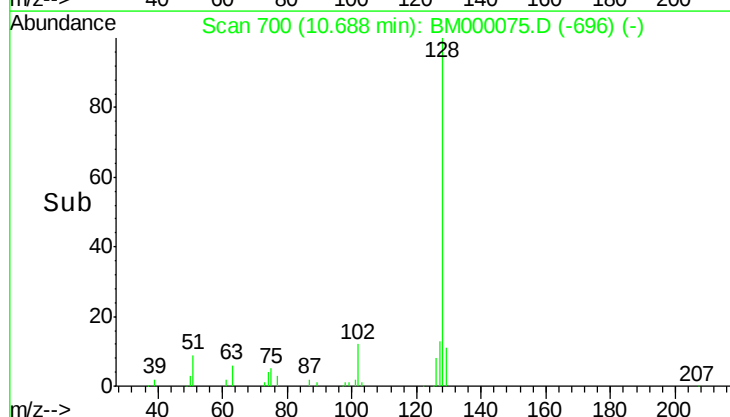
Manual Integrations
 APPROVED

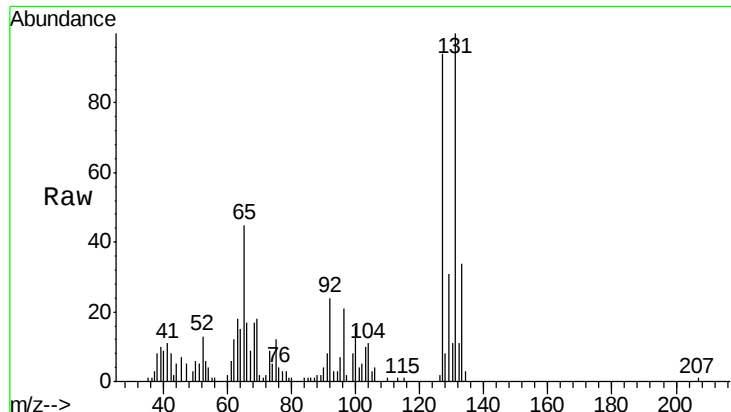
TEJASKUMAR
 1/7/2015 9:20:55 AM



#28
 Naphthalene
 Concen: 4.47 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	128	Resp:	240211
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	13.0
127	13.2	10.3	15.5





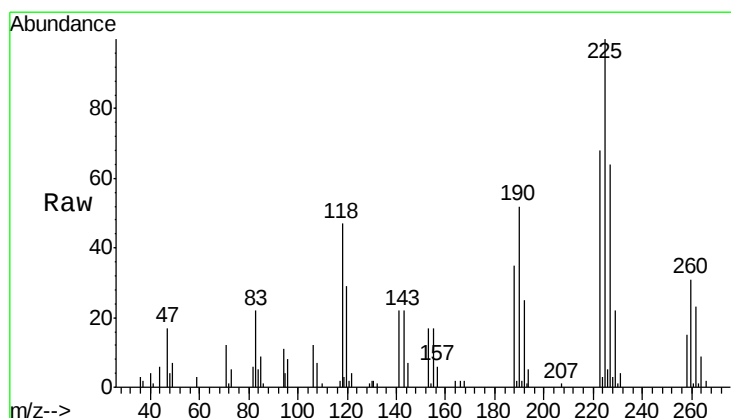
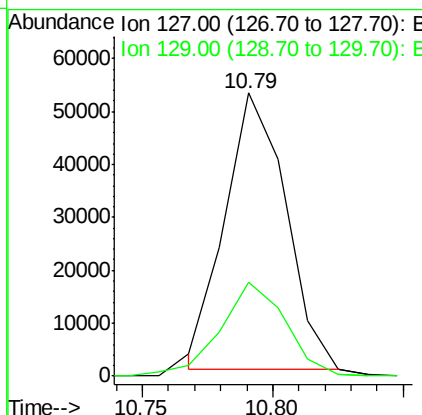
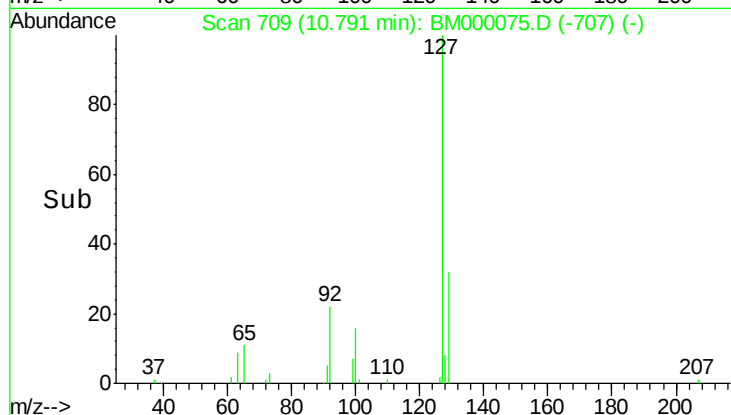
#30
 4-Chloroaniline
 Concen: 4.40 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:127 Resp: 84834
 Ion Ratio Lower Upper
 127 100
 129 33.1 26.5 39.7

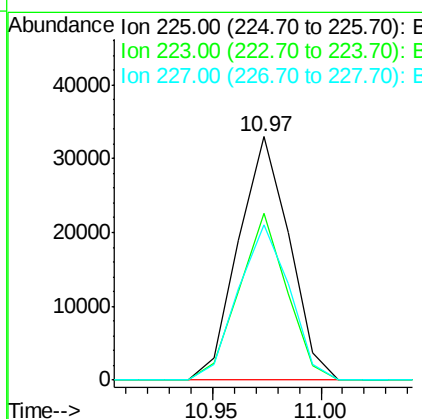
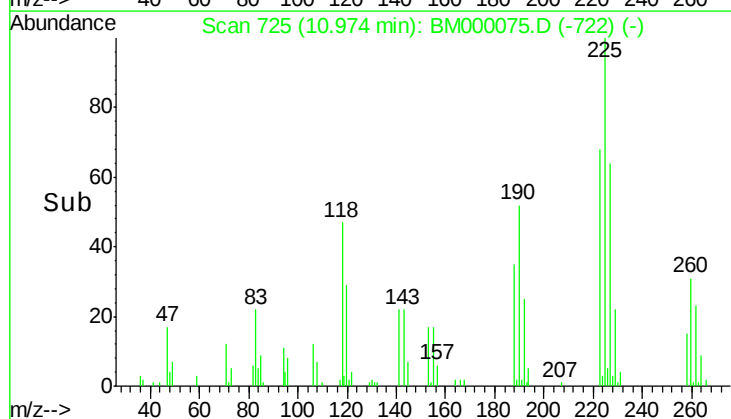
Manual Integrations
 APPROVED

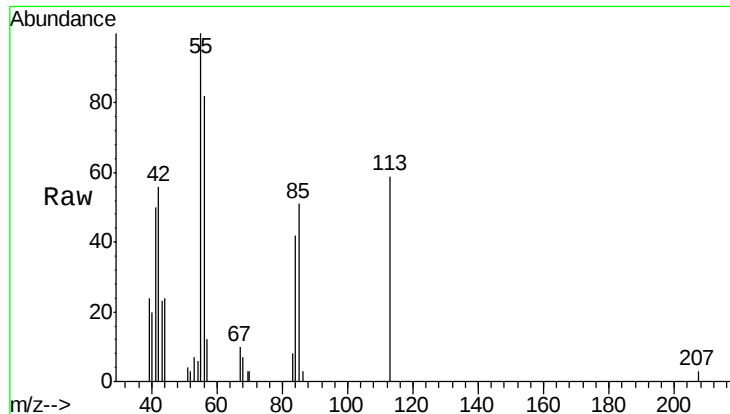
TEJASKUMAR
 1/7/2015 9:20:55 AM



#31
 Hexachlorobutadiene
 Concen: 4.63 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:225 Resp: 53815
 Ion Ratio Lower Upper
 225 100
 223 68.4 54.4 81.6
 227 63.7 51.8 77.8





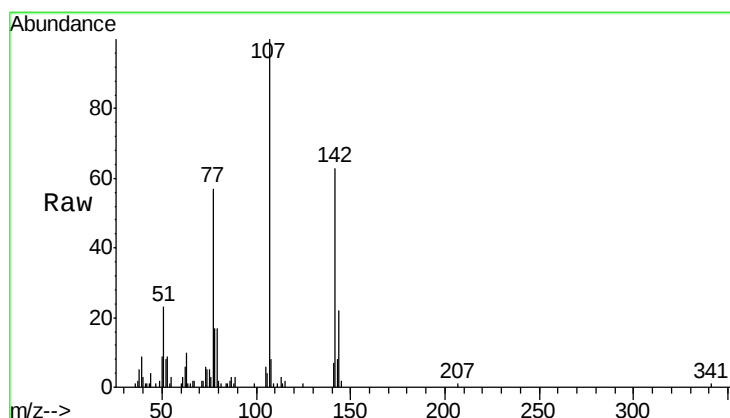
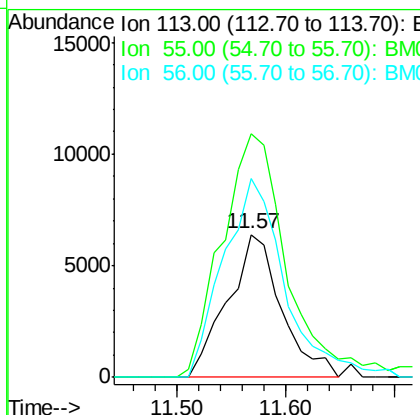
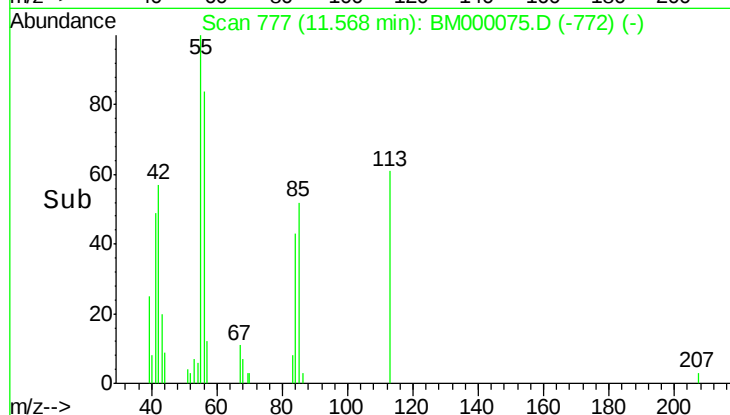
#32
Caprolactam
Concen: 4.02 ng/ul
RT: 11.57 min Scan# 777
Delta R.T. 0.02 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:113 Resp: 21930
Ion Ratio Lower Upper
113 100
55 170.5 156.6 234.8
56 139.5 126.3 189.5

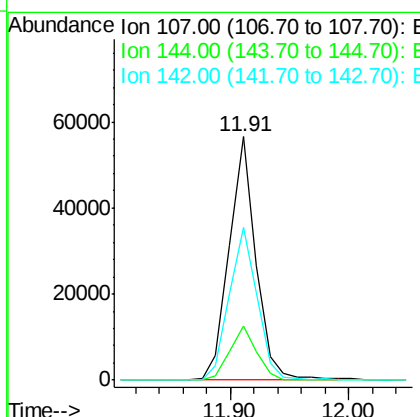
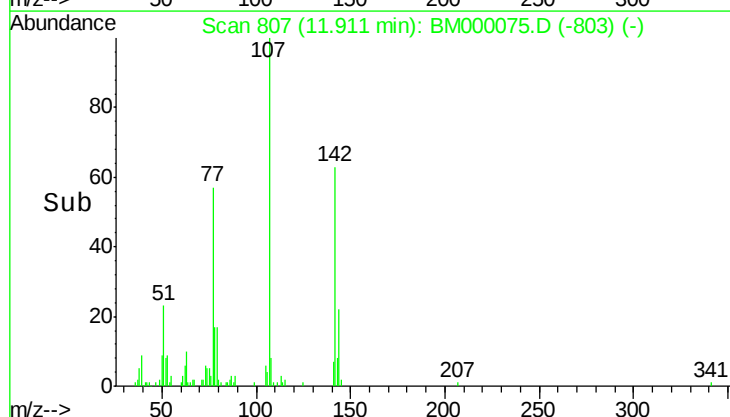
Manual Integrations
APPROVED

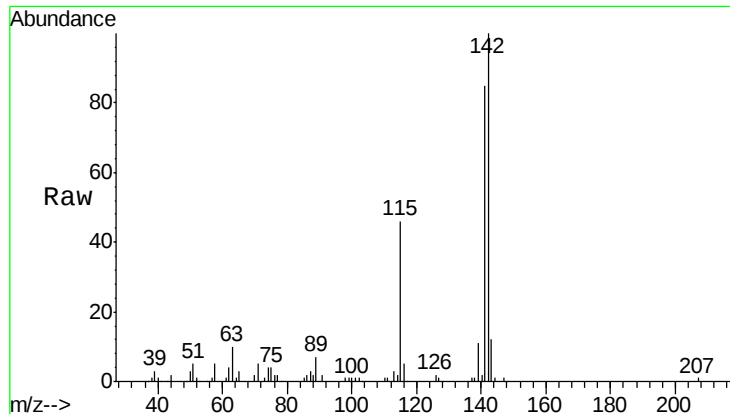
TEJASKUMAR
1/7/2015 9:20:55 AM



#33
4-Chloro-3-methylphenol
Concen: 4.43 ng/ul
RT: 11.91 min Scan# 807
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion:107 Resp: 89053
Ion Ratio Lower Upper
107 100
144 22.2 16.6 24.8
142 62.7 54.6 82.0





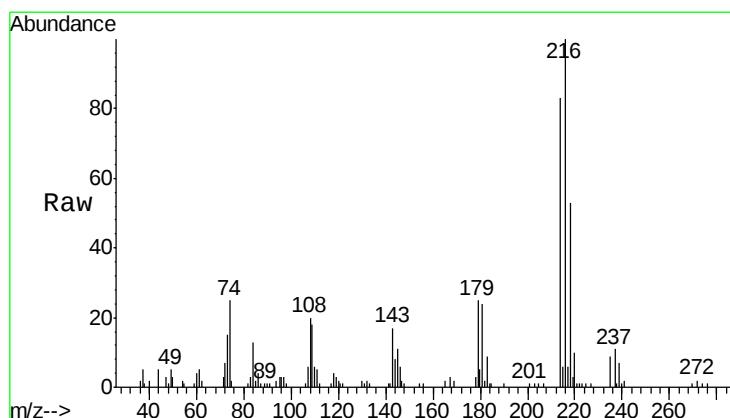
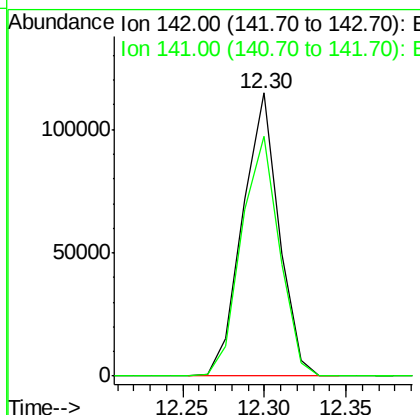
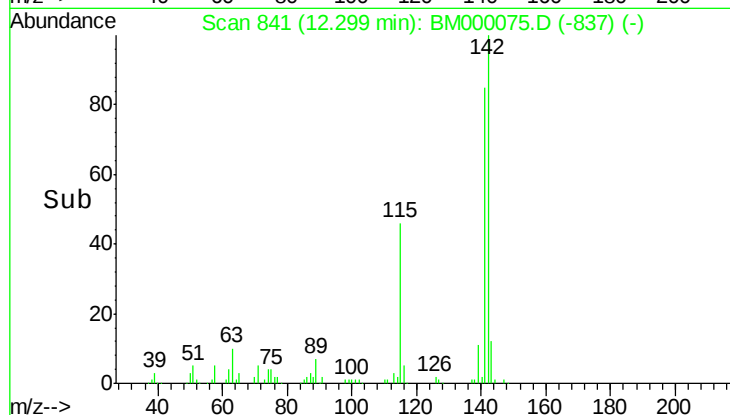
#34
 2-Methylnaphthalene
 Concen: 4.47 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:142 Resp: 177972
 Ion Ratio Lower Upper
 142 100
 141 85.0 69.3 103.9

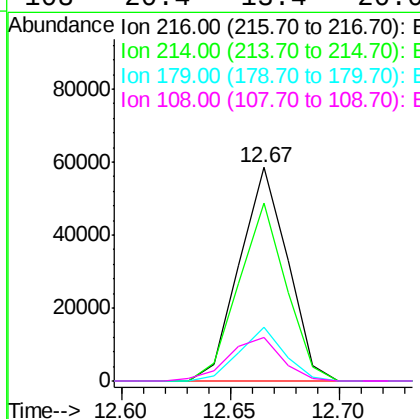
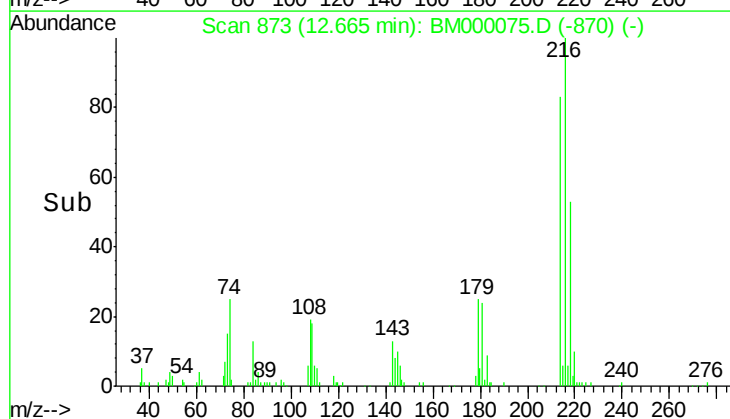
Manual Integrations
 APPROVED

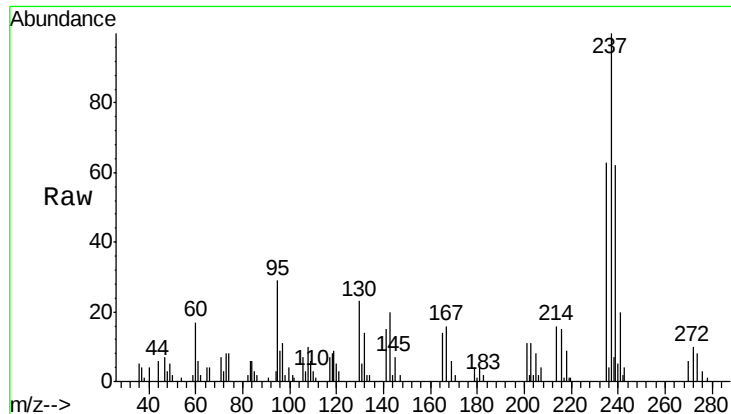
TEJASKUMAR
 1/7/2015 9:20:55 AM



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.33 ng/ul
 RT: 12.67 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:216 Resp: 90555
 Ion Ratio Lower Upper
 216 100
 214 83.3 62.6 94.0
 179 25.2 17.4 26.2
 108 20.4 13.4 20.0#





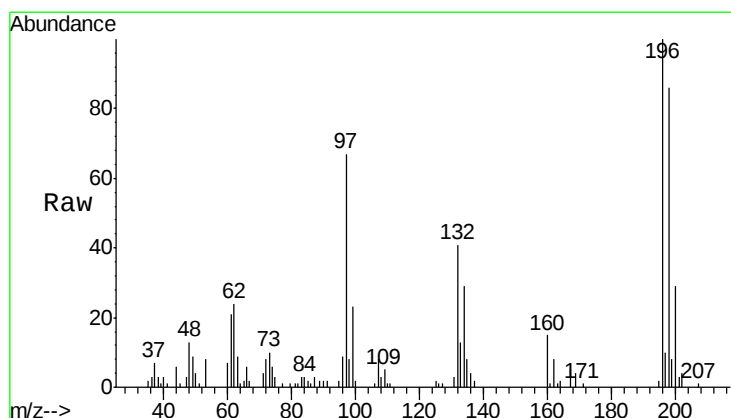
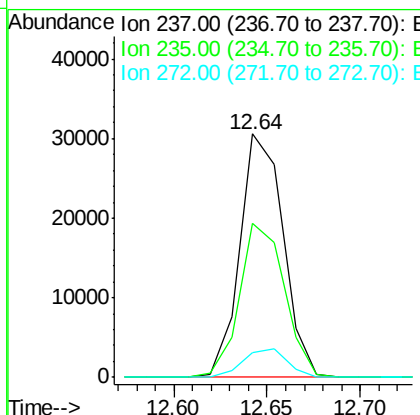
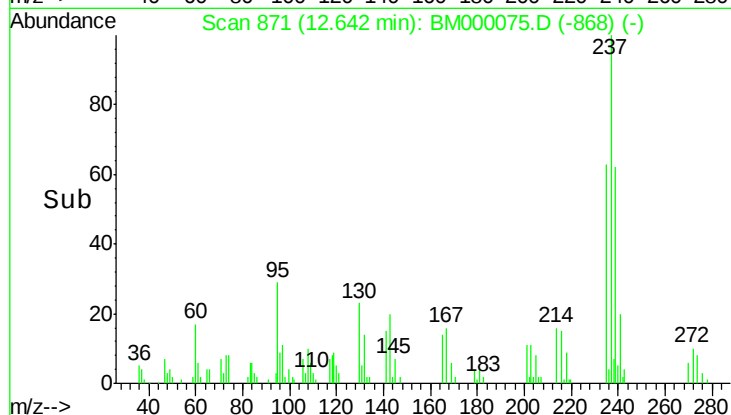
#37
Hexachlorocyclopentadiene
Concen: 3.57 ng/ul
RT: 12.64 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:237 Resp: 49260
Ion Ratio Lower Upper
237 100
235 63.4 50.0 75.0
272 9.9 8.9 13.3

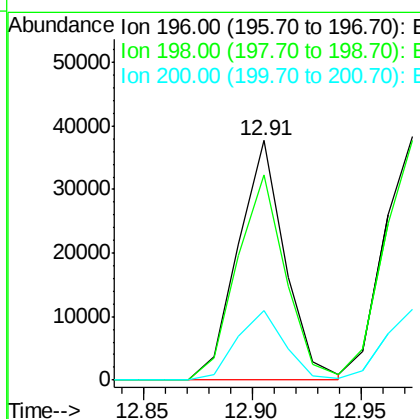
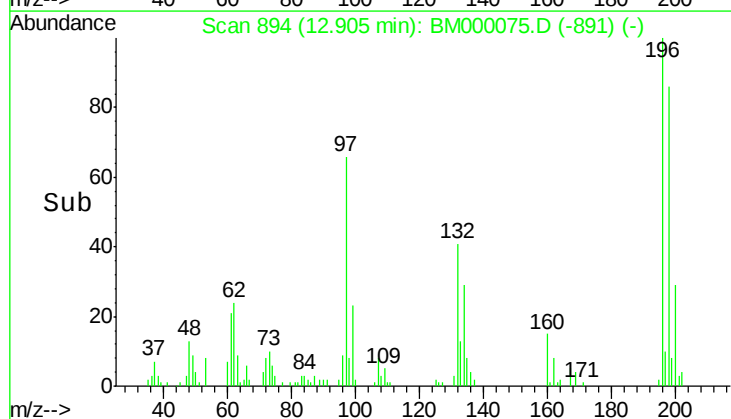
Manual Integrations
APPROVED

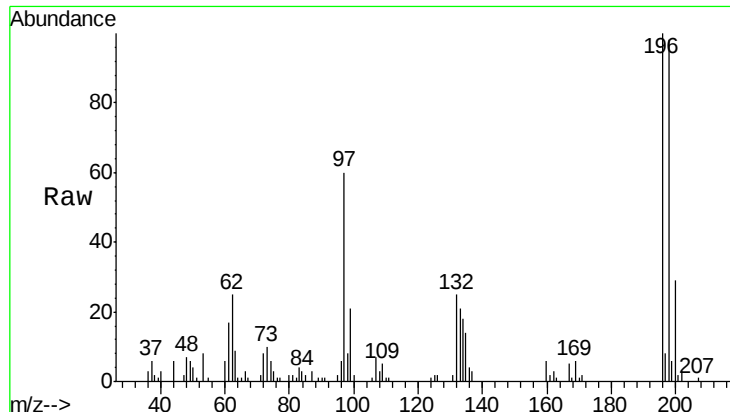
TEJASKUMAR
1/7/2015 9:20:55 AM



#38
2,4,6-Trichlorophenol
Concen: 4.27 ng/ul
RT: 12.91 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion:196 Resp: 56923
Ion Ratio Lower Upper
196 100
198 85.8 76.6 114.8
200 29.0 24.5 36.7





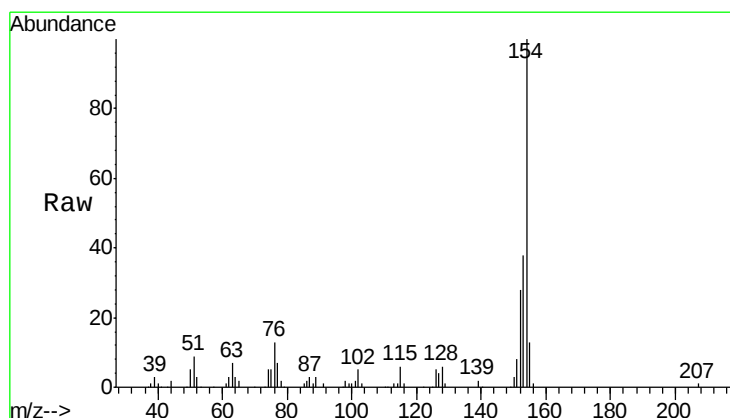
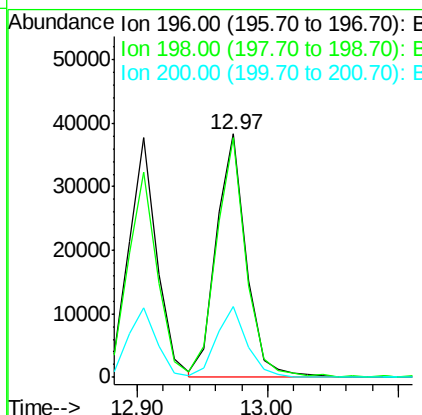
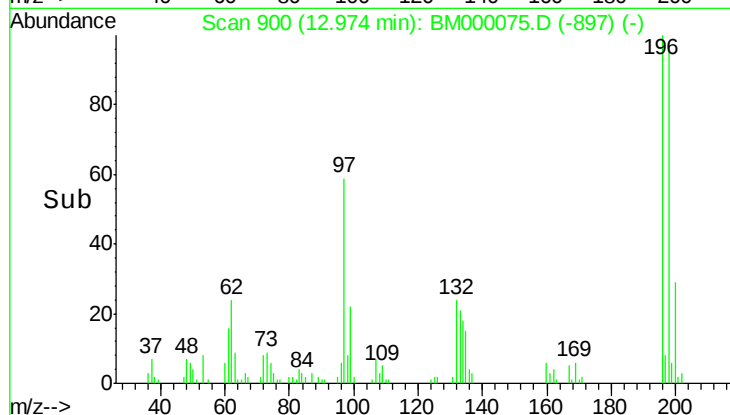
#39
 2,4,5-Trichlorophenol
 Concen: 4.24 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	196	Resp:	61353
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.4	113.2
200	28.8	25.0	37.4

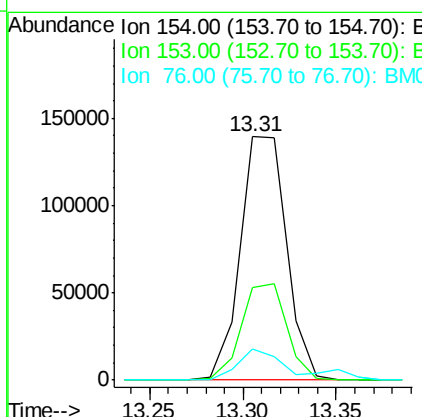
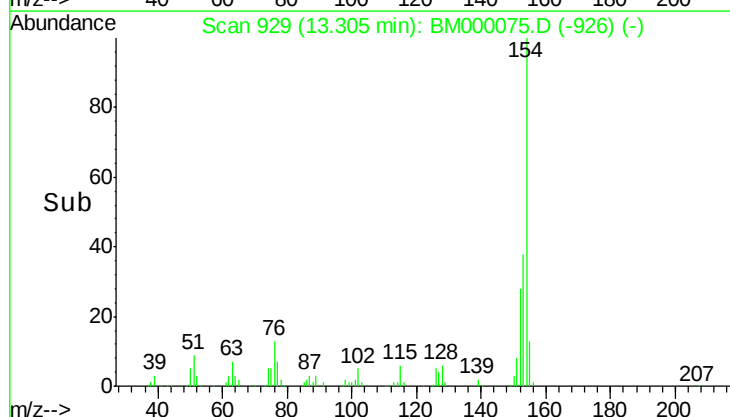
Manual Integrations
 APPROVED

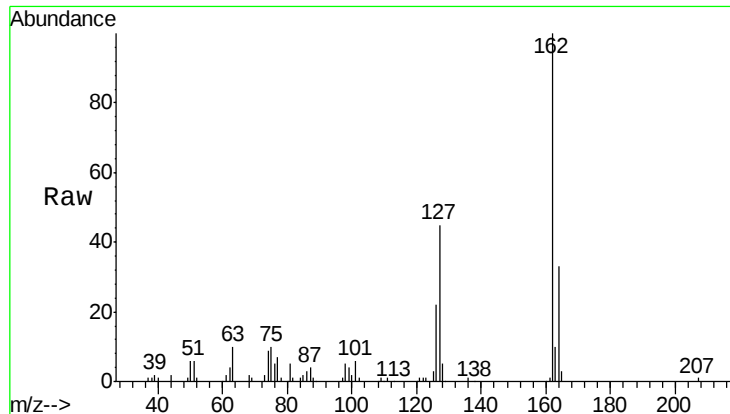
TEJASKUMAR
 1/7/2015 9:20:55 AM



#40
 1,1'-Biphenyl
 Concen: 4.42 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	154	Resp:	239993
Ion Ratio	Lower	Upper	
154	100		
153	38.2	30.5	45.7
76	12.8	8.9	13.3





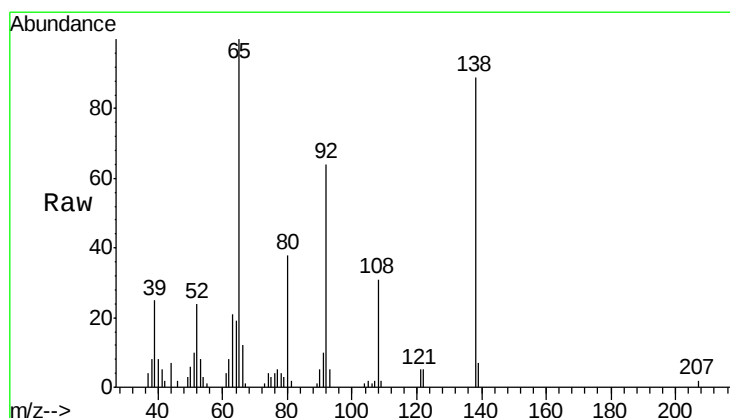
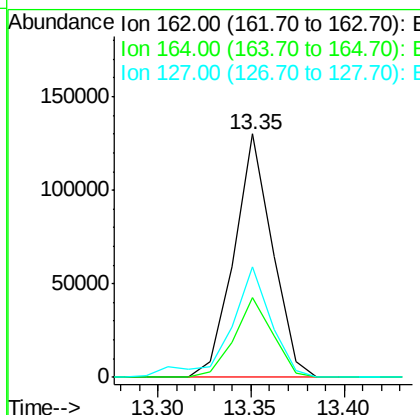
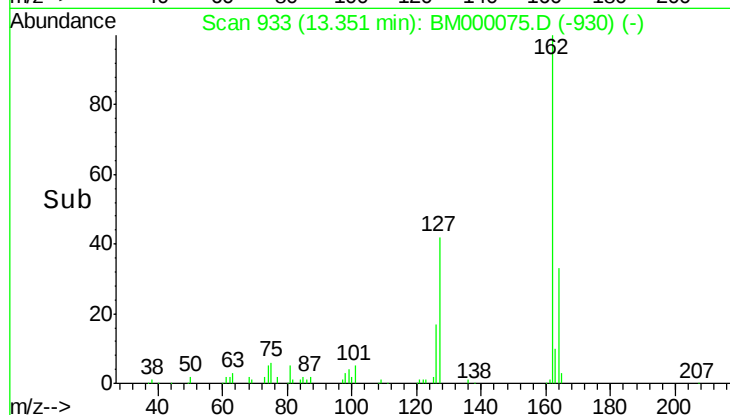
#41
2-Chloronaphthalene
Concen: 4.46 ng/ul
RT: 13.35 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185773		
164	32.5	25.8	38.6	
127	45.2	35.9	53.9	

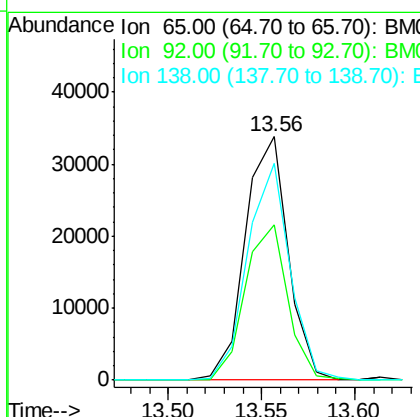
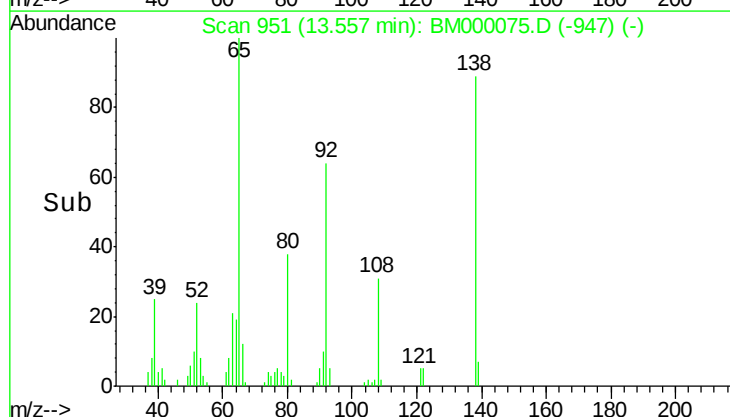
Manual Integrations
APPROVED

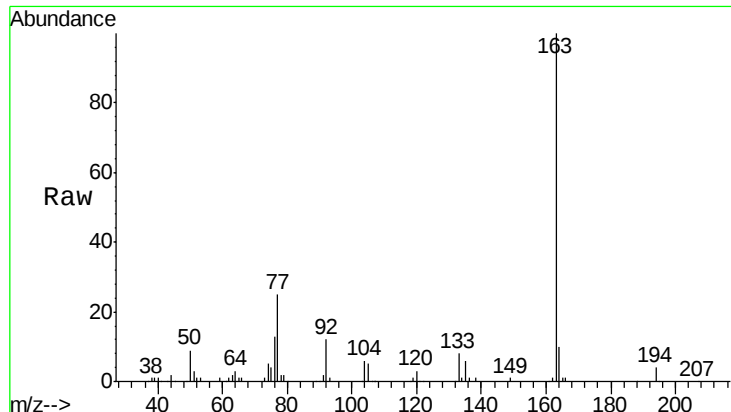
TEJASKUMAR
1/7/2015 9:20:55 AM



#42
2-Nitroaniline
Concen: 4.04 ng/ul
RT: 13.56 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	54552		
92	64.0	50.4	75.6	
138	88.9	66.9	100.3	





#44

Dimethylphthalate

Concen: 4.45 ng/ul

RT: 13.93 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Instrument :

BNA_M

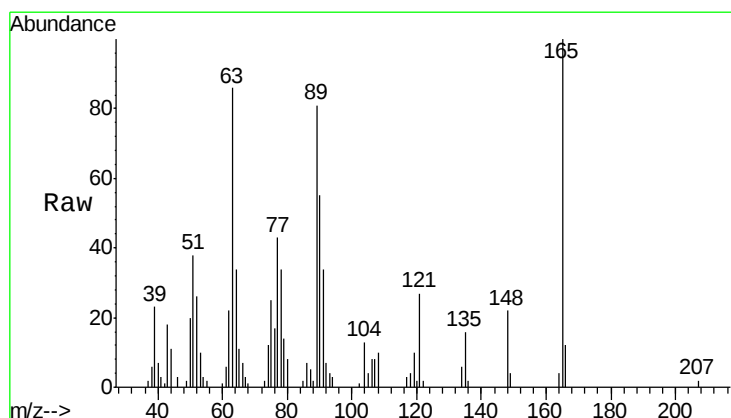
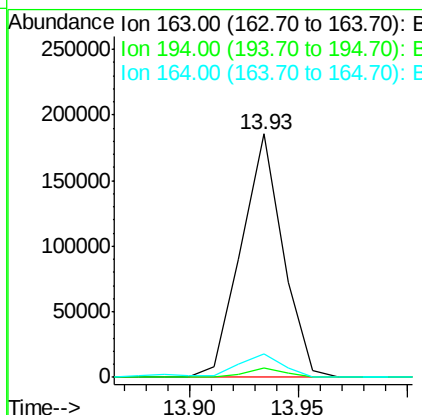
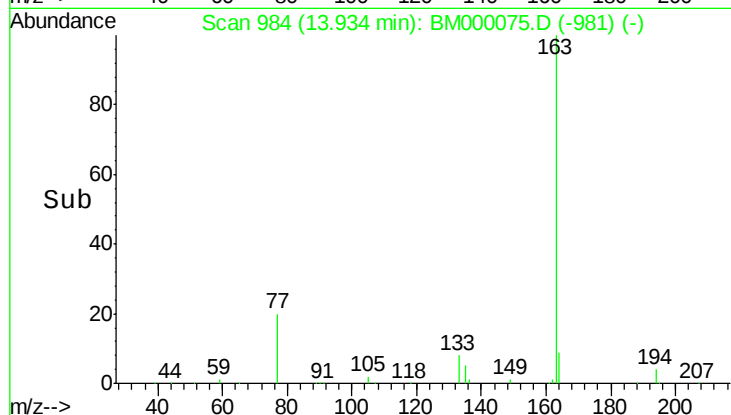
ClientSampleId :

MDL-02-S

Tgt Ion:	163	Resp:	246436
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	9.8	8.5	12.7

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:55 AM



#45

2,6-Dinitrotoluene

Concen: 4.02 ng/ul

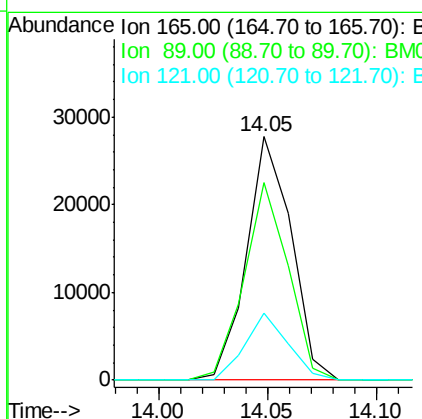
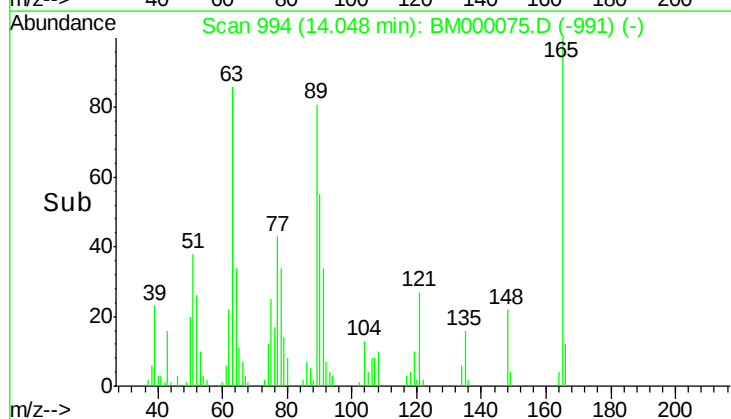
RT: 14.05 min Scan# 994

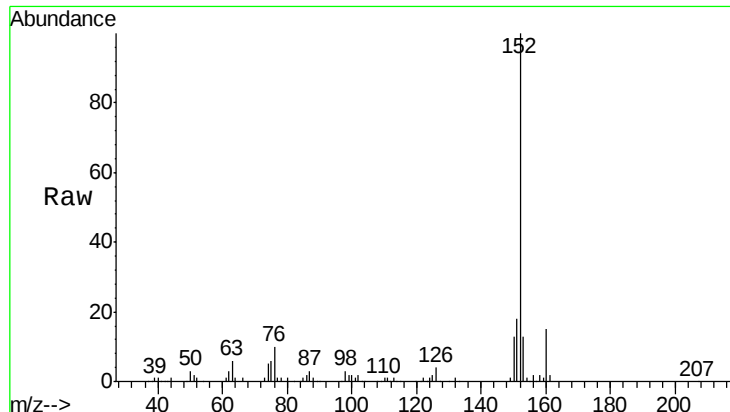
Delta R.T. -0.01 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Tgt Ion:	165	Resp:	39834
Ion Ratio	Lower	Upper	
165	100		
89	81.3	54.4	81.6
121	27.5	18.6	28.0





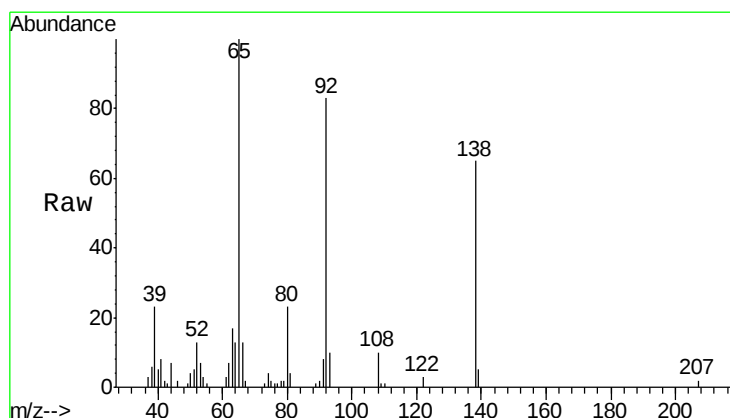
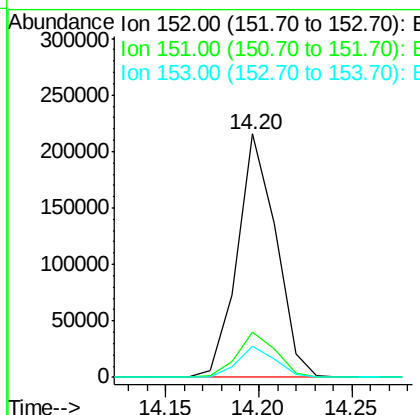
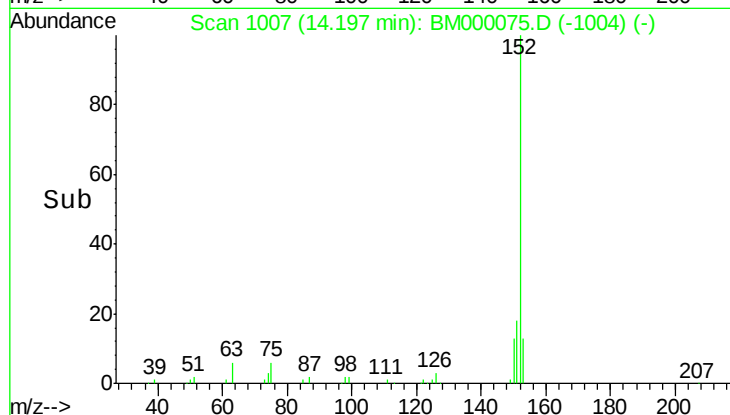
#47
 Acenaphthylene
 Concen: 4.42 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.2
153	12.7	10.2	15.2

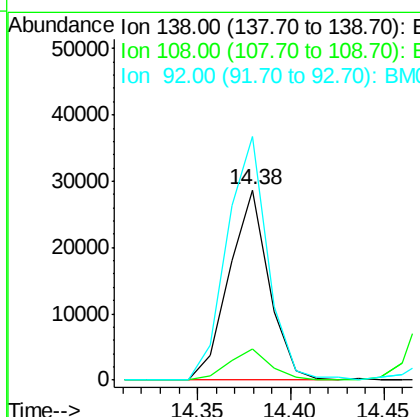
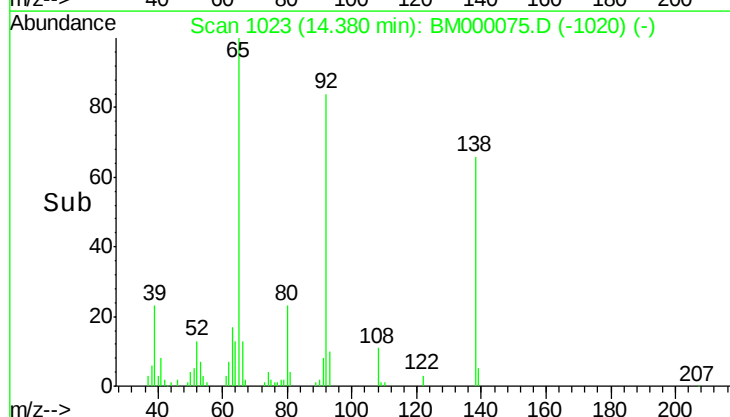
Manual Integrations
 APPROVED

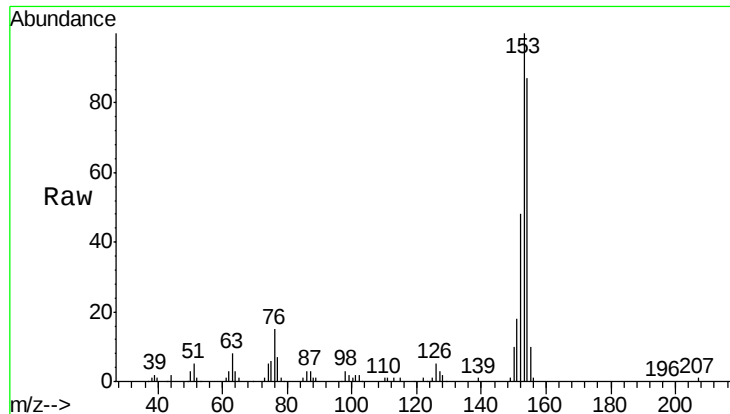
TEJASKUMAR
 1/7/2015 9:20:55 AM



#48
 3-Nitroaniline
 Concen: 4.22 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	16.0	11.2	16.8
92	127.9	110.6	165.8





#49

Acenaphthene

Concen: 4.47 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Instrument :

BNA_M

ClientSampleId :

MDL-02-S

Tgt Ion:153 Resp: 200158

Ion Ratio Lower Upper

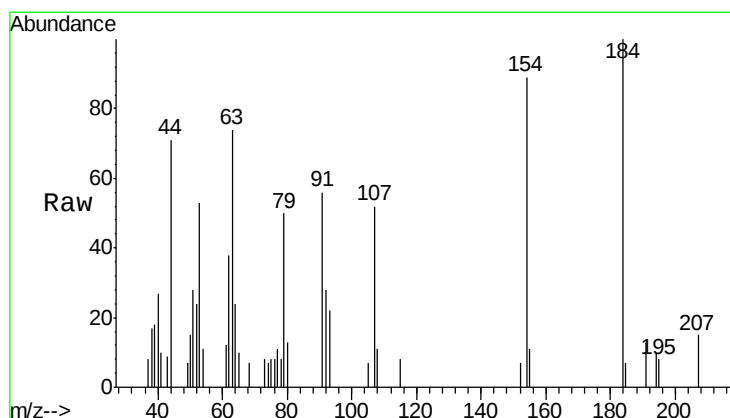
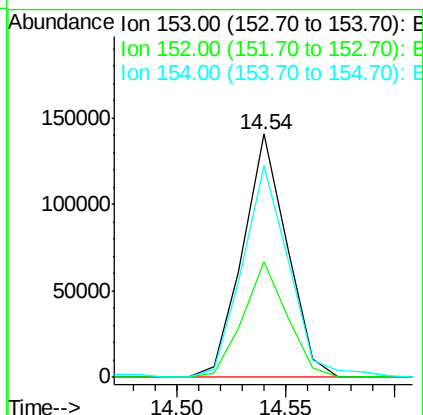
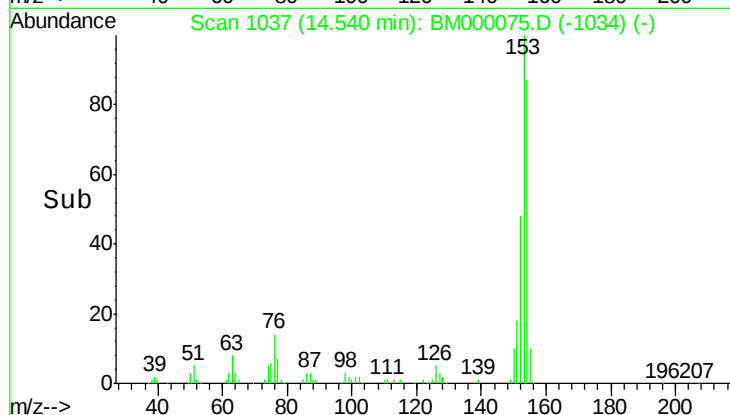
153 100

152 47.6 37.5 56.3

154 87.0 72.2 108.4

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:55 AM



#50

2,4-Dinitrophenol

Concen: 1.41 ng/ul

RT: 14.57 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

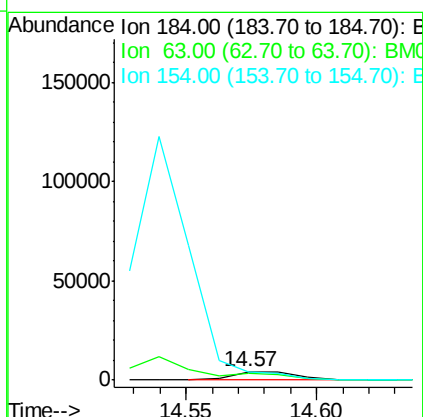
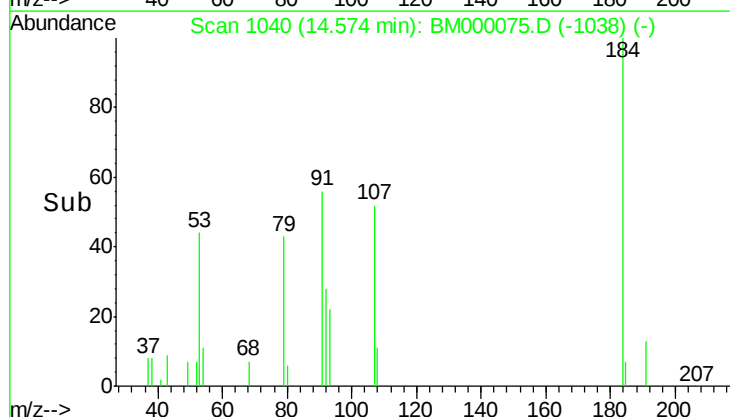
Tgt Ion:184 Resp: 7113

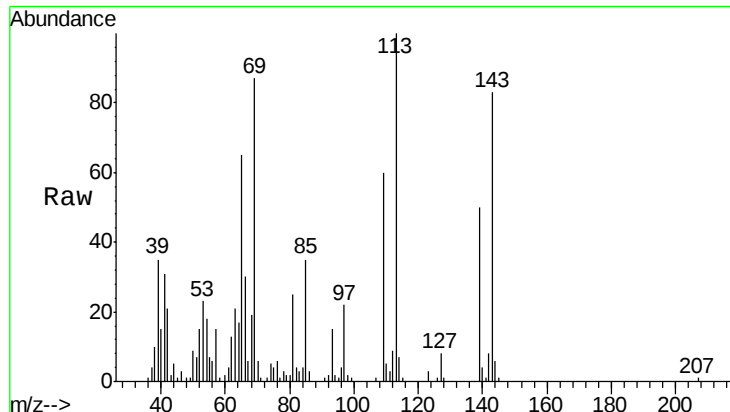
Ion Ratio Lower Upper

184 100

63 74.2 56.1 84.1

154 89.0 68.2 102.4





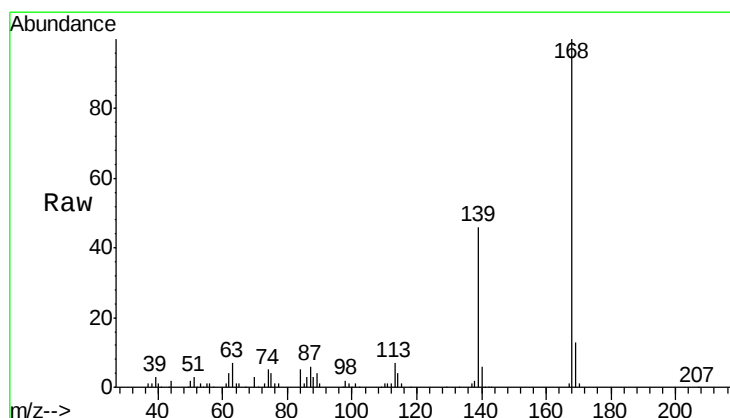
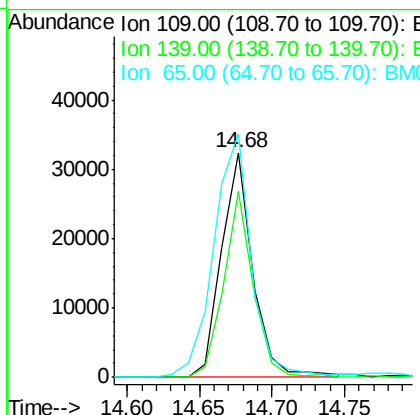
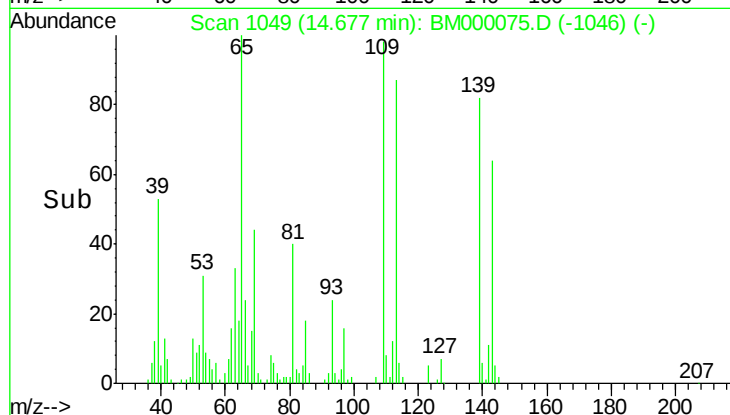
#52
4-Nitrophenol
Concen: 4.06 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:109 Resp: 48498
Ion Ratio Lower Upper
109 100
139 83.1 62.5 93.7
65 108.4 88.7 133.1

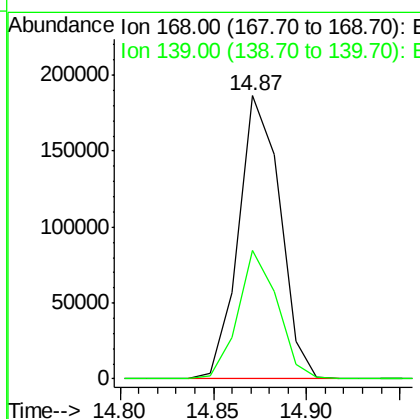
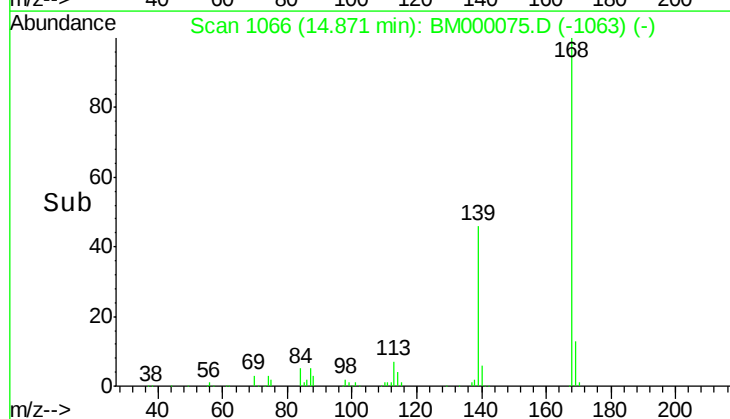
Manual Integrations
APPROVED

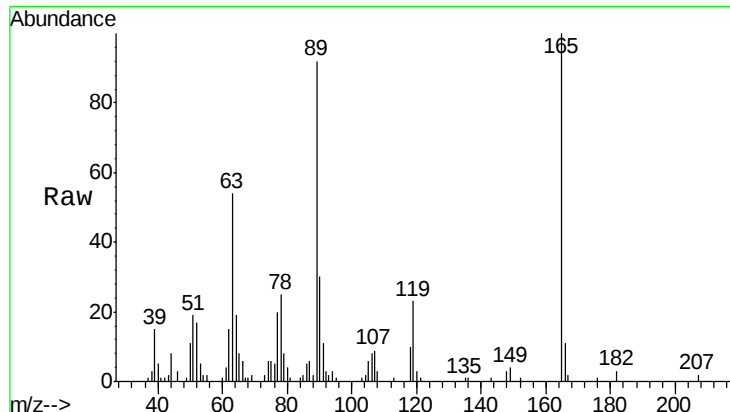
TEJASKUMAR
1/7/2015 9:20:55 AM



#53
Dibenzofuran
Concen: 4.45 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion:168 Resp: 288607
Ion Ratio Lower Upper
168 100
139 45.5 33.6 50.4





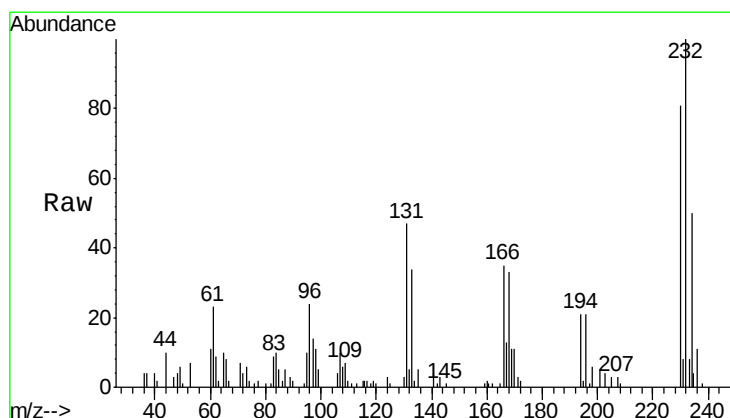
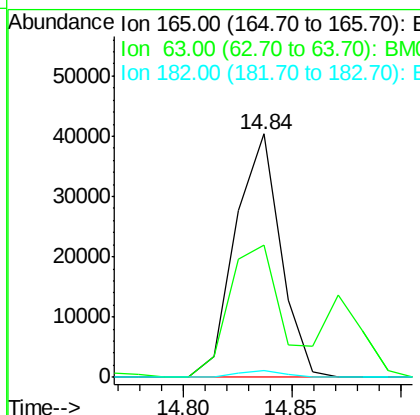
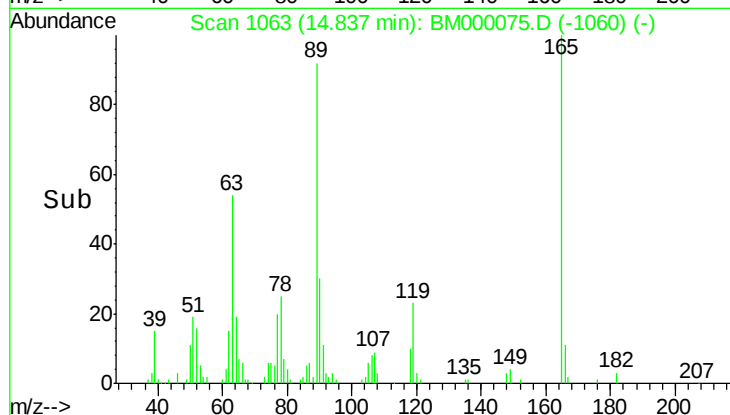
#54
 2,4-Dinitrotoluene
 Concen: 3.96 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:165 Resp: 58515
 Ion Ratio Lower Upper
 165 100
 63 54.5 48.8 73.2
 182 3.0 2.1 3.1

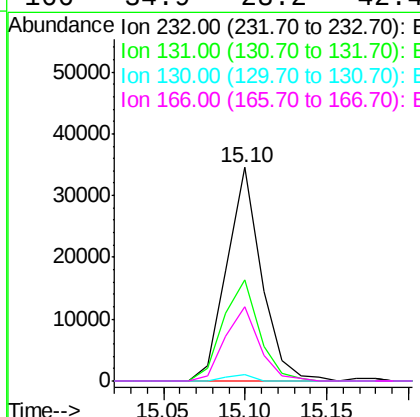
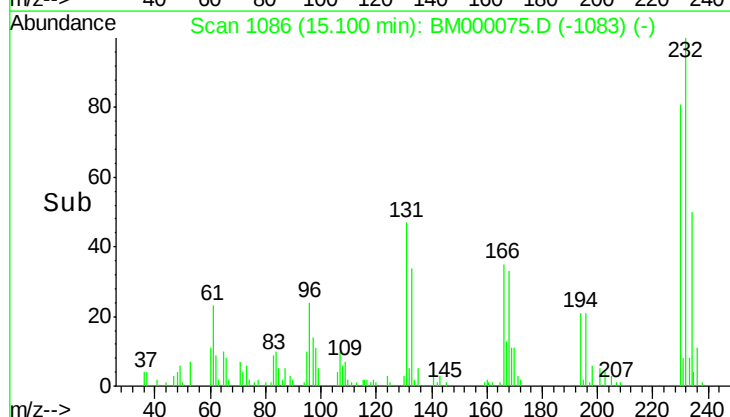
Manual Integrations
 APPROVED

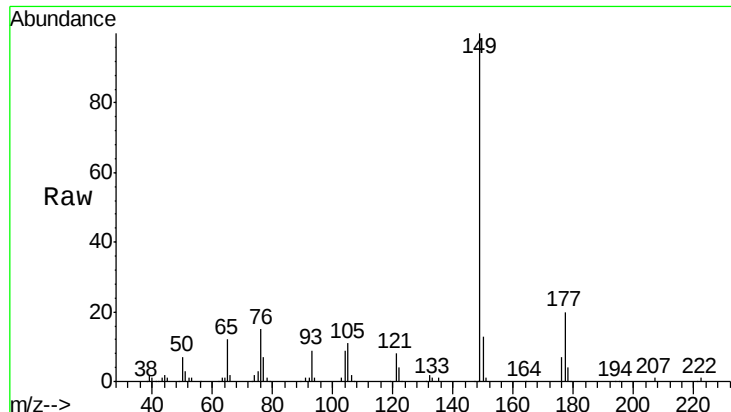
TEJASKUMAR
 1/7/2015 9:20:55 AM



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 4.07 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:232 Resp: 50831
 Ion Ratio Lower Upper
 232 100
 131 47.5 43.4 65.0
 130 3.2 2.7 4.1
 166 34.9 28.2 42.4





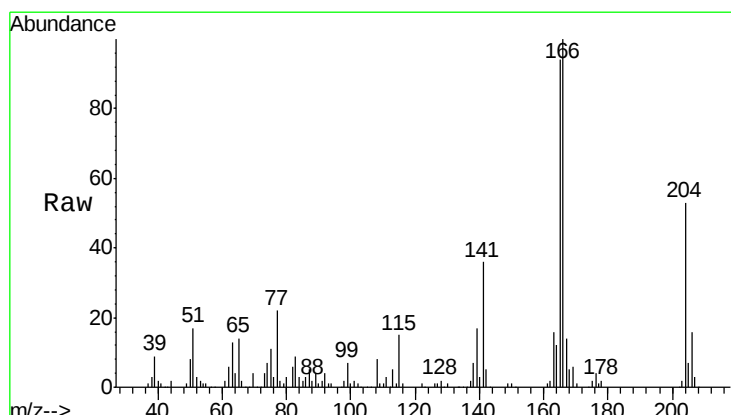
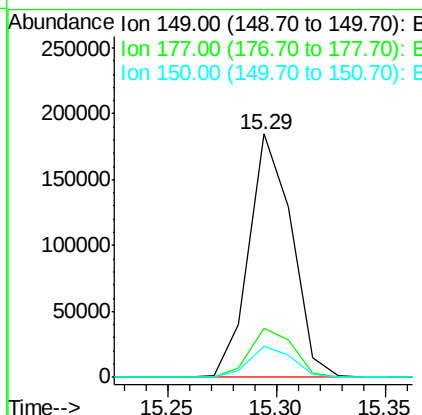
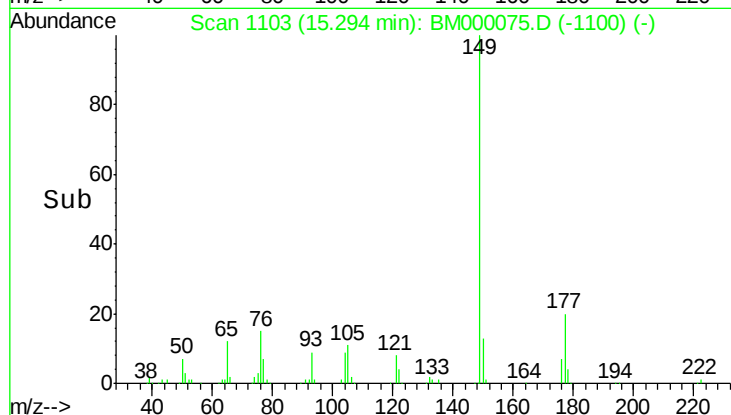
#56
Diethylphthalate
Concen: 4.38 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	254572		
177	20.0	17.4	26.2	
150	12.7	10.5	15.7	

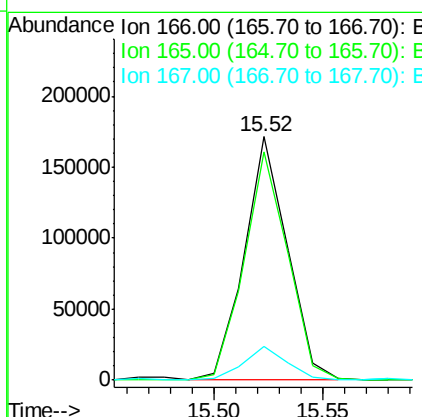
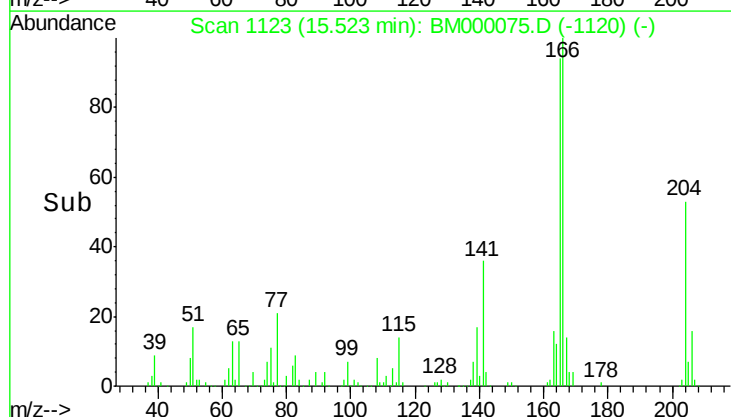
Manual Integrations
APPROVED

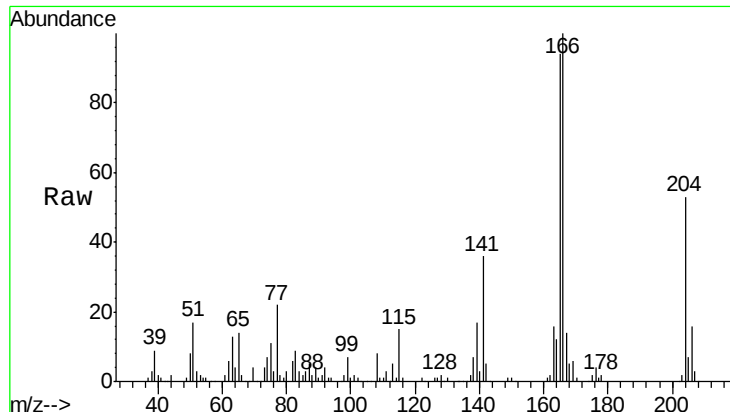
TEJASKUMAR
1/7/2015 9:20:55 AM



#58
Fluorene
Concen: 4.37 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	234877		
165	94.0	76.0	114.0	
167	13.7	10.2	15.4	





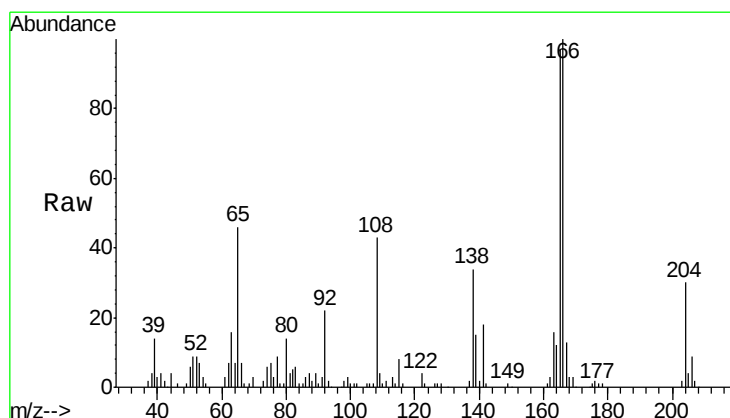
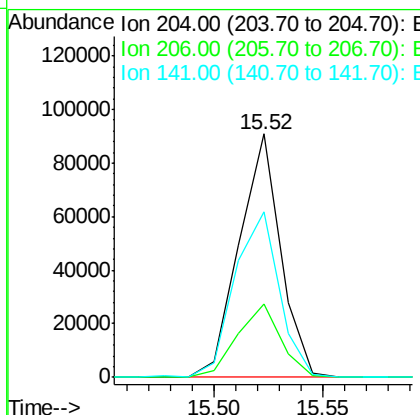
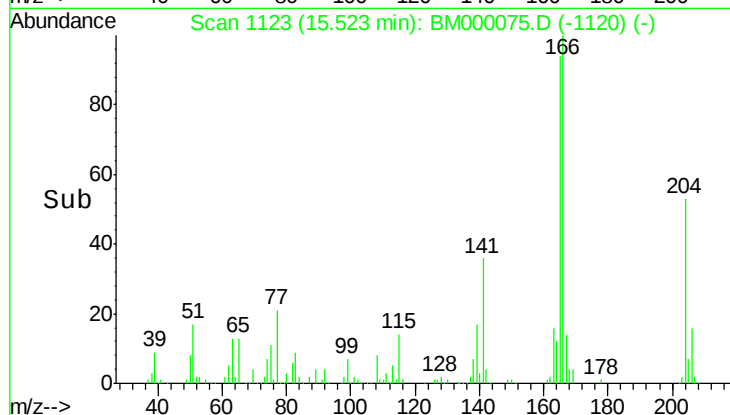
#59
 4-Chlorophenyl-phenylether
 Concen: 4.54 ng/ul
 RT: 15.52 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	120447		
206	30.2	25.8	38.8	
141	68.1	61.3	91.9	

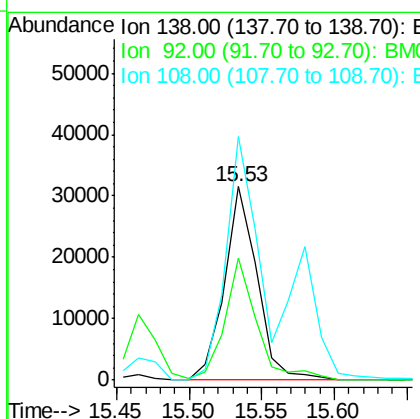
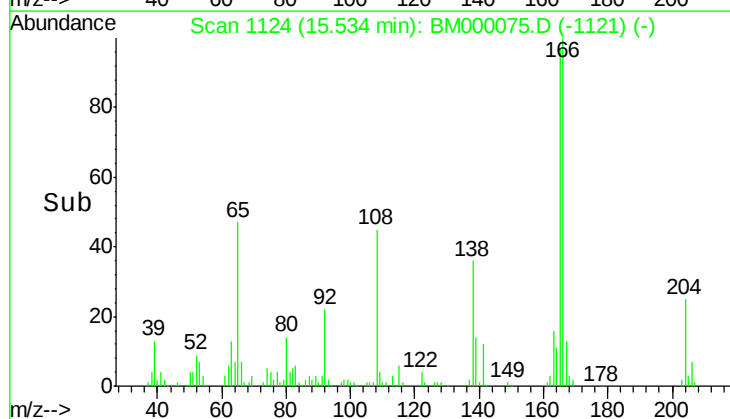
Manual Integrations
 APPROVED

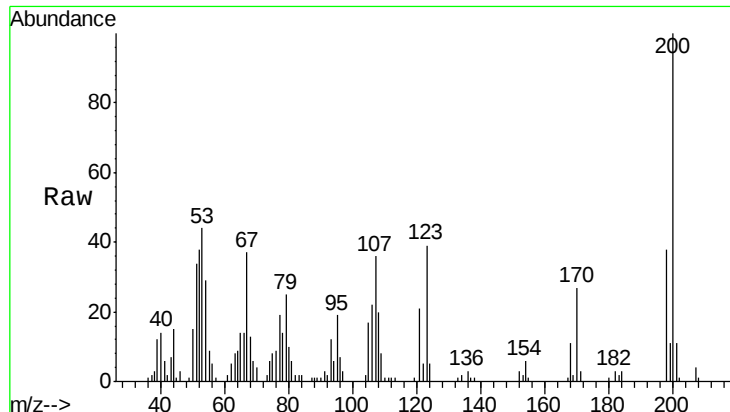
TEJASKUMAR
 1/7/2015 9:20:55 AM



#60
 4-Nitroaniline
 Concen: 4.30 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	49308		
92	63.2	49.3	73.9	
108	125.8	110.3	165.5	





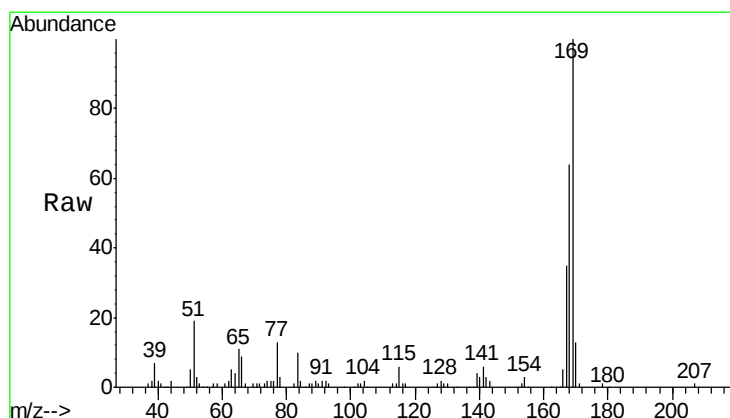
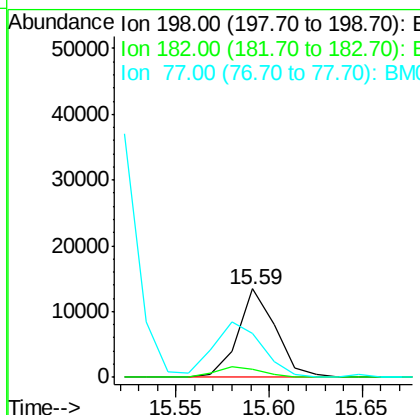
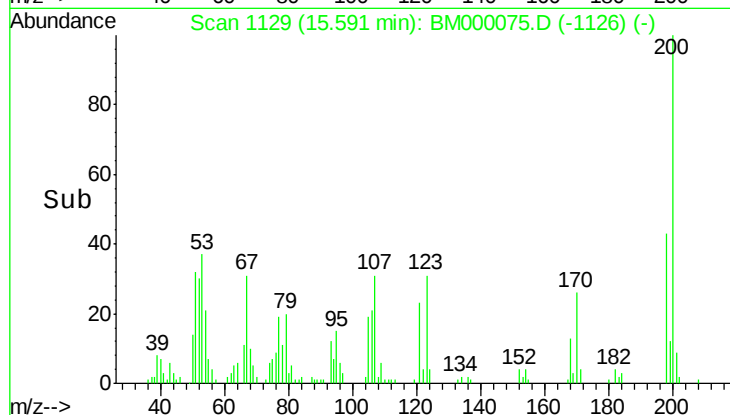
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.52 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18934		
182	8.8	2.6	4.0#	
77	49.2	25.2	37.8#	

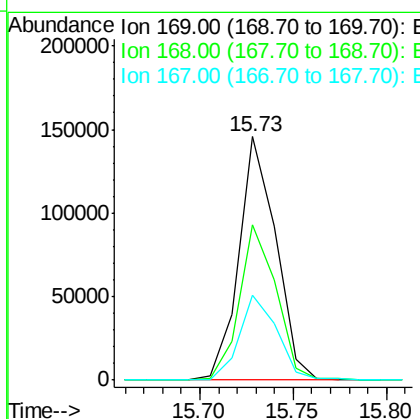
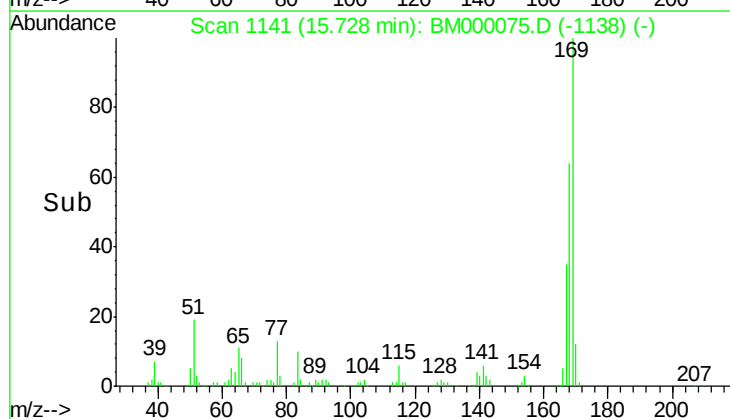
Manual Integrations
 APPROVED

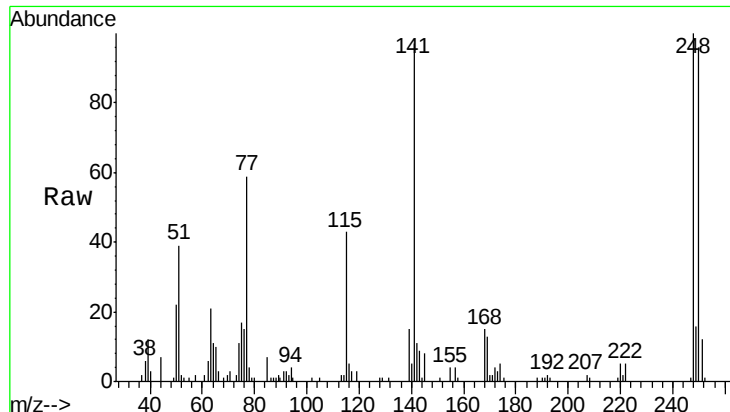
TEJASKUMAR
 1/7/2015 9:20:55 AM



#64
 N-Nitrosodiphenylamine
 Concen: 4.69 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	201085		
168	63.6	51.8	77.6	
167	34.7	28.1	42.1	





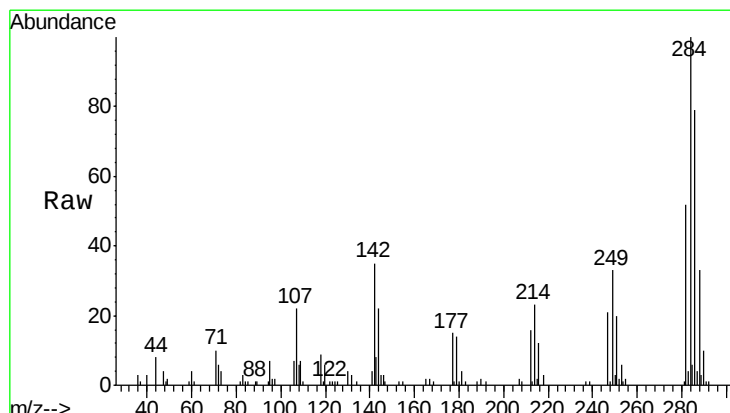
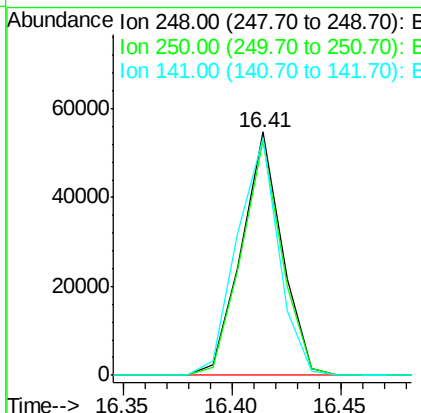
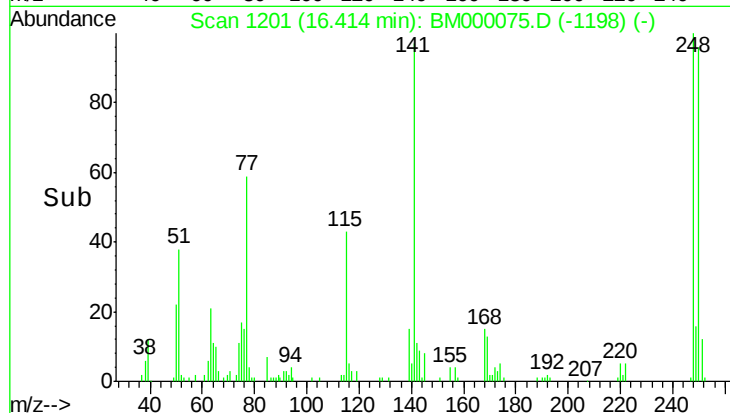
#65
 4-Bromophenyl-phenylether
 Concen: 4.74 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	248	Resp:	71475
Ion Ratio	Lower	Upper	
248	100		
250	96.2	78.4	117.6
141	97.3	67.0	100.4

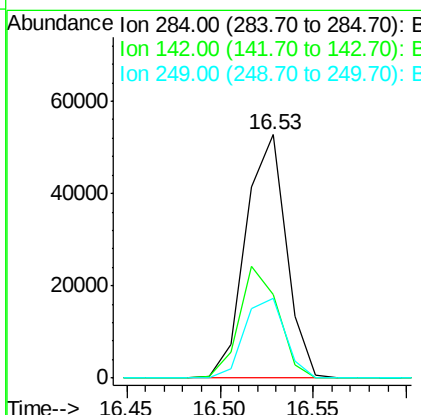
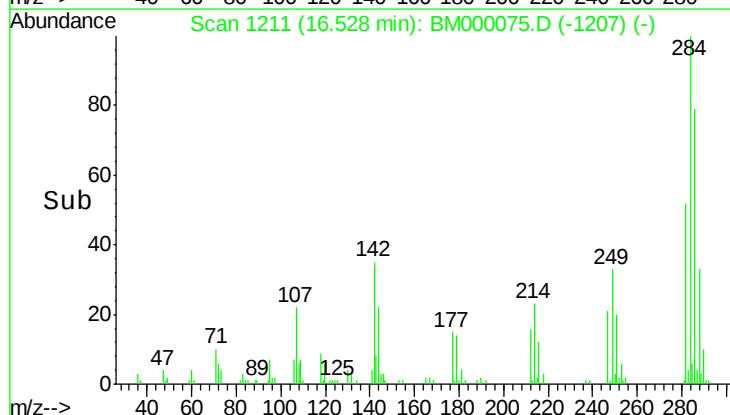
Manual Integrations
 APPROVED

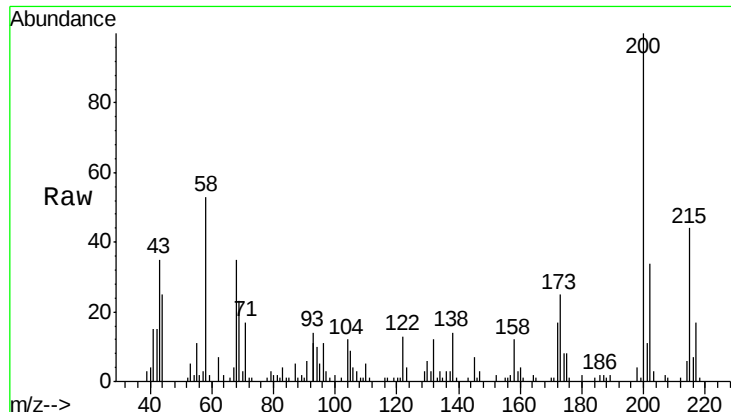
TEJASKUMAR
 1/7/2015 9:20:55 AM



#66
 Hexachlorobenzene
 Concen: 4.57 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	284	Resp:	79435
Ion Ratio	Lower	Upper	
284	100		
142	34.6	32.4	48.6
249	32.9	26.7	40.1





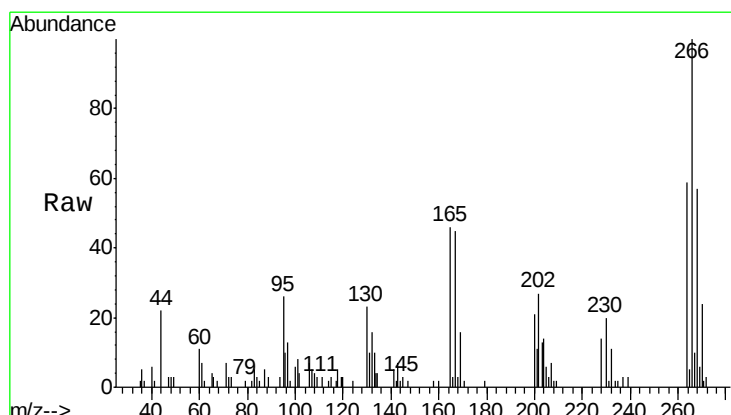
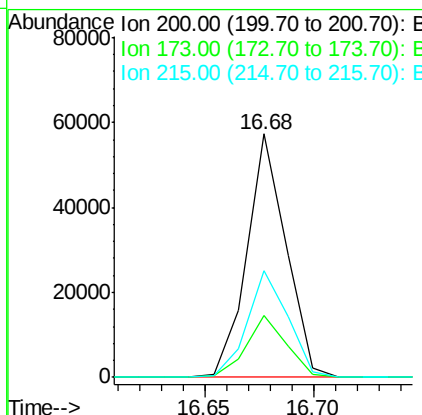
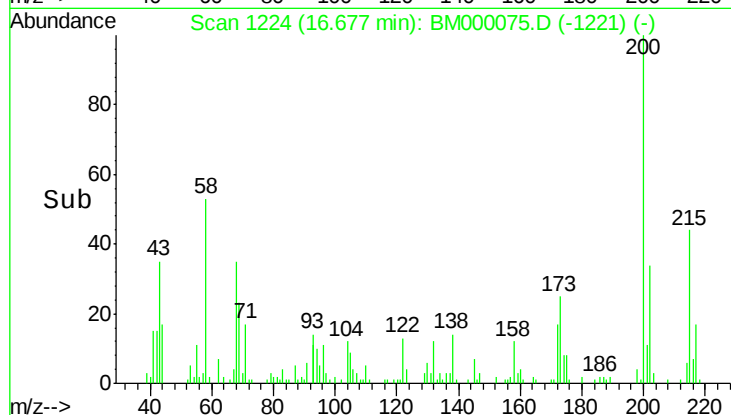
#67
Atrazine
Concen: 4.25 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	71859		
173	25.4	19.5	29.3	
215	43.7	36.6	54.8	

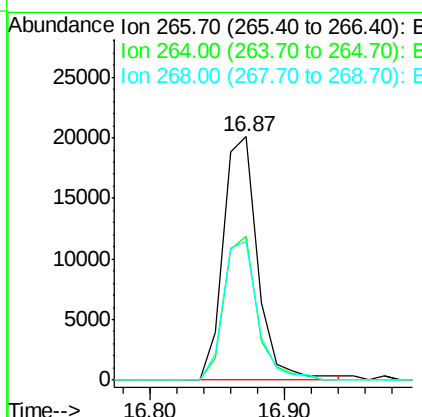
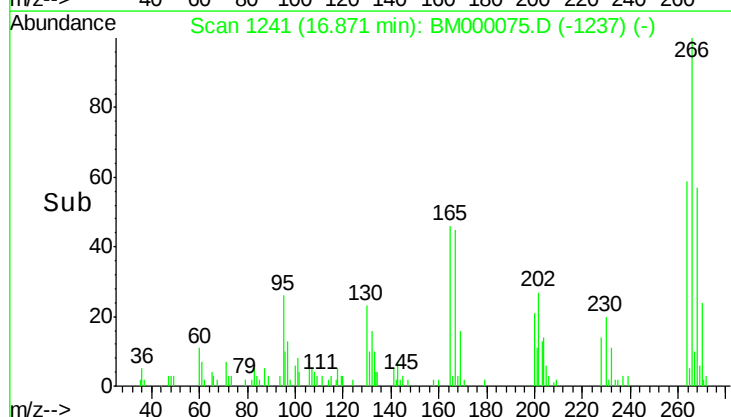
Manual Integrations
APPROVED

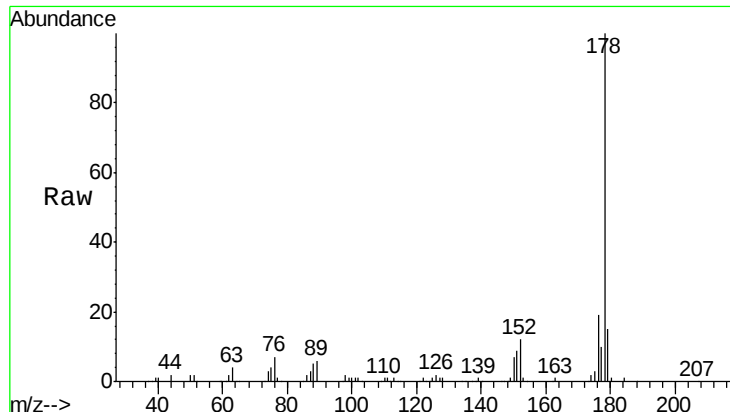
TEJASKUMAR
1/7/2015 9:20:55 AM



#68
Pentachlorophenol
Concen: 3.41 ng/ul m
RT: 16.87 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	36034		
264	59.2	49.8	74.6	
268	57.2	48.2	72.4	





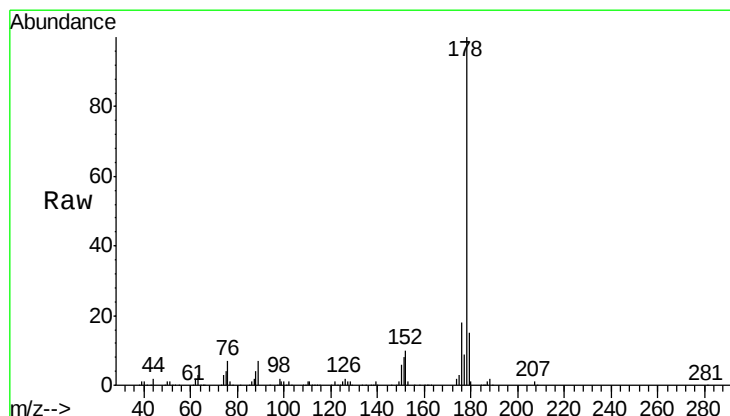
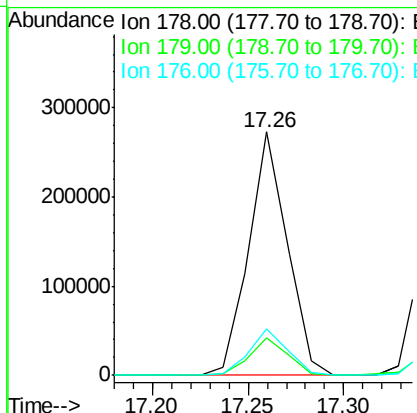
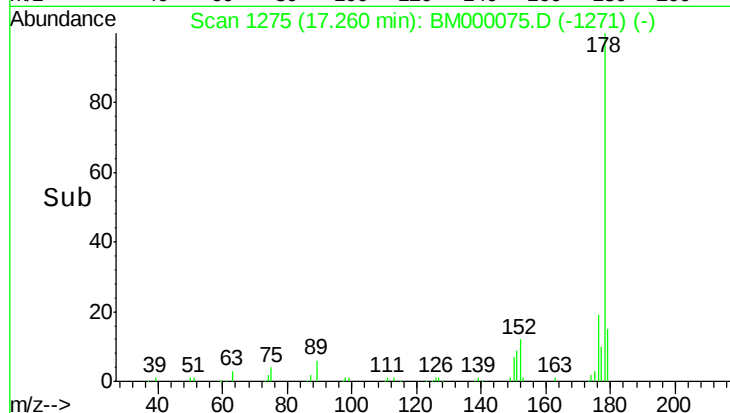
#69
 Phenanthrene
 Concen: 4.69 ng/ul m
 RT: 17.26 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:	178	Resp:	375684
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.6	17.4
176	19.3	14.6	22.0

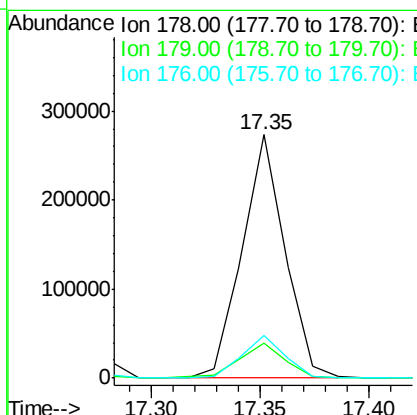
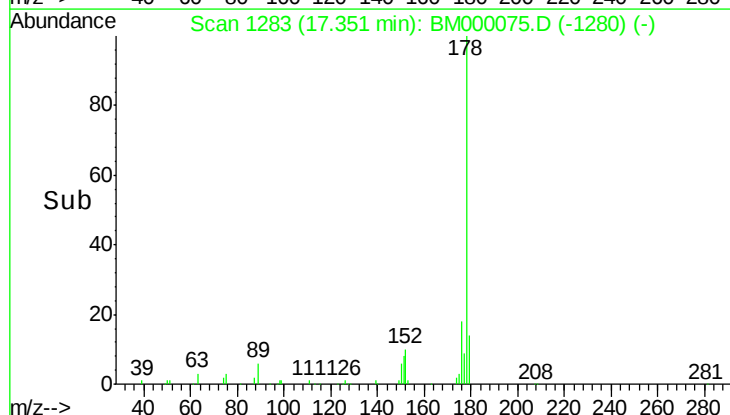
Manual Integrations
 APPROVED

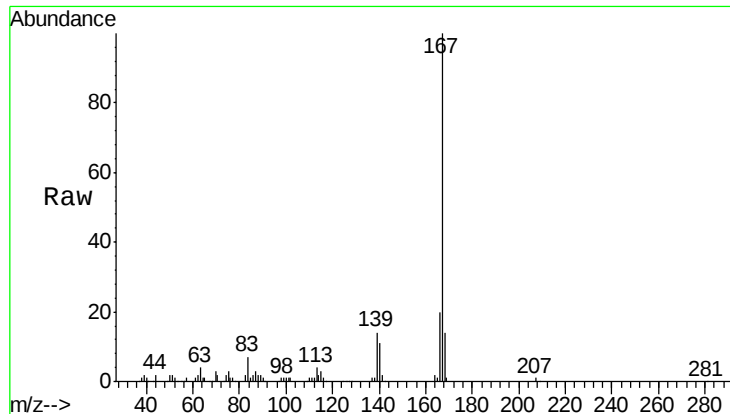
TEJASKUMAR
 1/7/2015 9:20:55 AM



#71
 Anthracene
 Concen: 4.49 ng/ul
 RT: 17.35 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:	178	Resp:	369528
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	18.8
176	17.7	14.6	21.8





#72

Carbazole

Concen: 4.51 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Instrument :

BNA_M

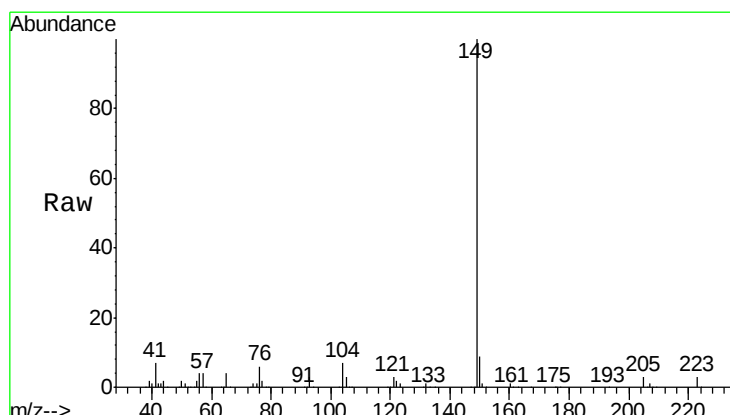
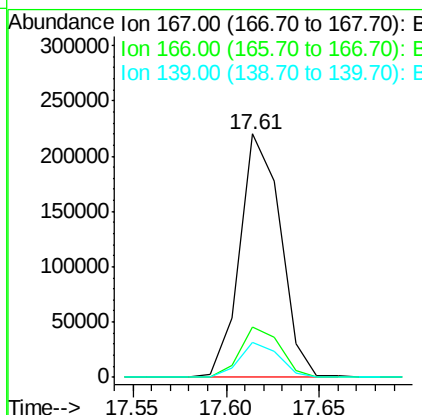
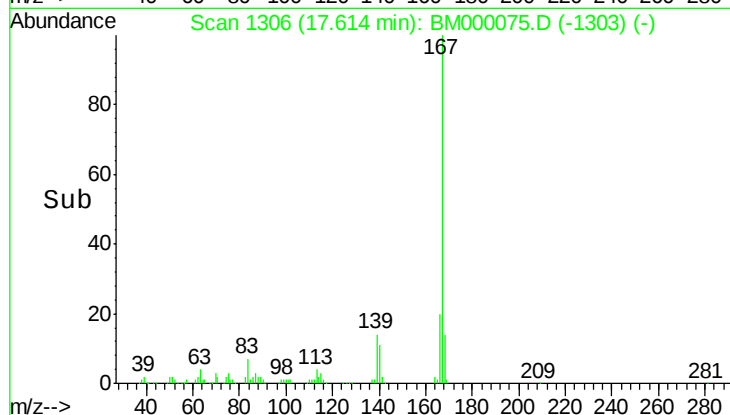
ClientSampleId :

MDL-02-S

Tgt Ion:	167	Resp:	334507
Ion Ratio	100	Lower	Upper
167	100		
166	20.4	16.2	24.4
139	14.4	10.7	16.1

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:55 AM



#73

Di-n-butylphthalate

Concen: 4.46 ng/ul

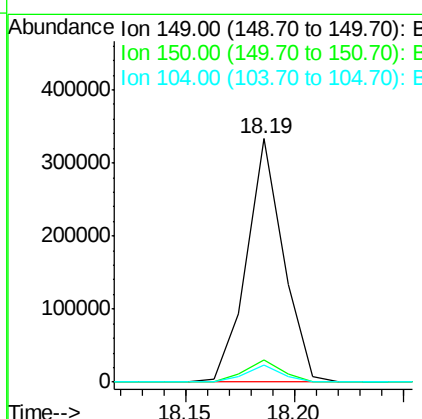
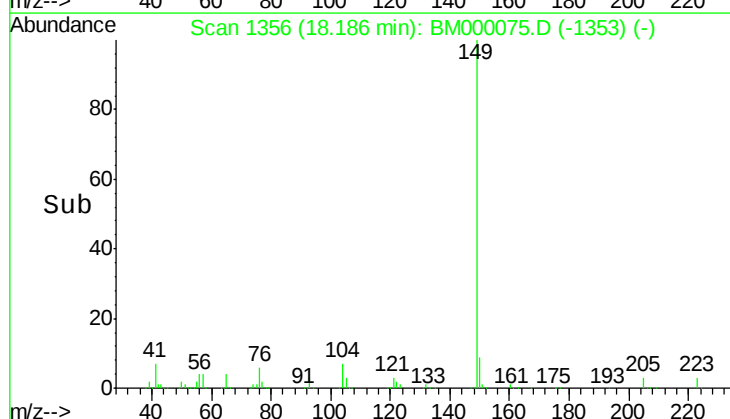
RT: 18.19 min Scan# 1356

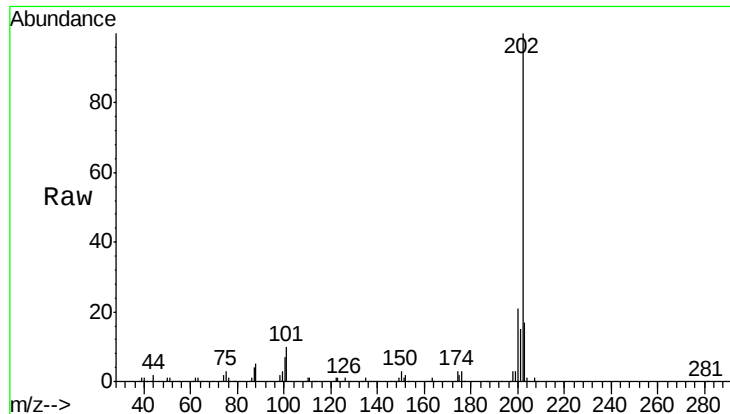
Delta R.T. -0.00 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Tgt Ion:	149	Resp:	394643
Ion Ratio	100	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	6.9	4.8	7.2





#74

Fluoranthene

Concen: 4.49 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Instrument :

BNA_M

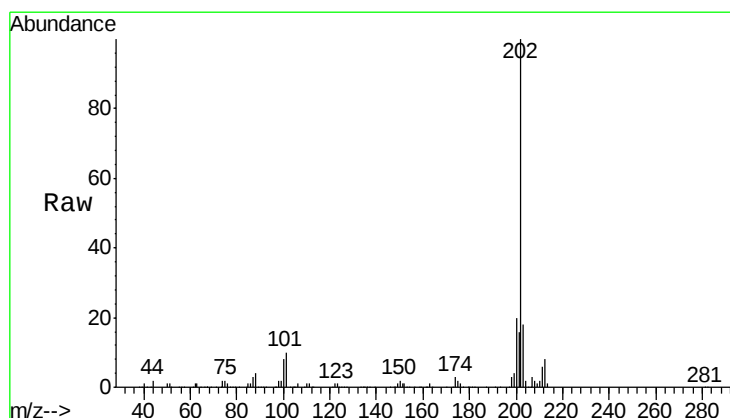
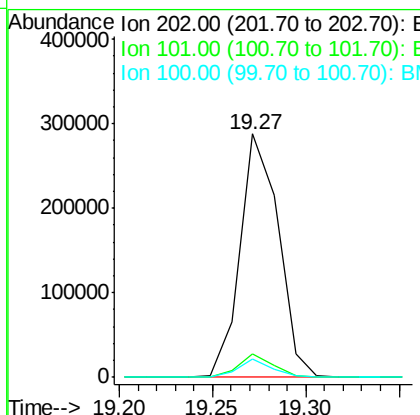
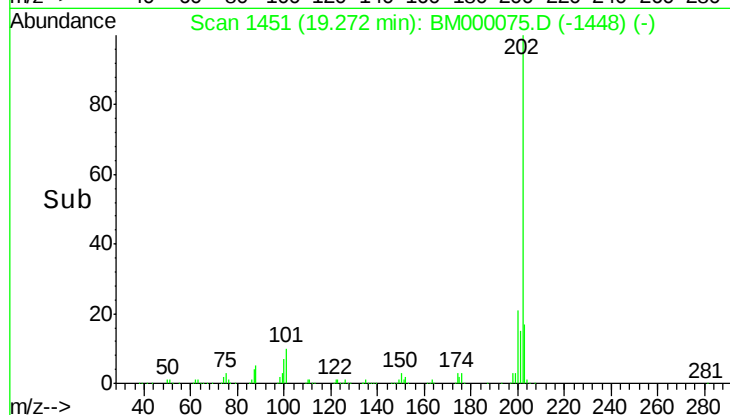
ClientSampleId :

MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	412003		
101	9.7	6.4	9.6#	
100	7.3	4.6	7.0#	

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:55 AM



#77

Pyrene

Concen: 5.11 ng/ul

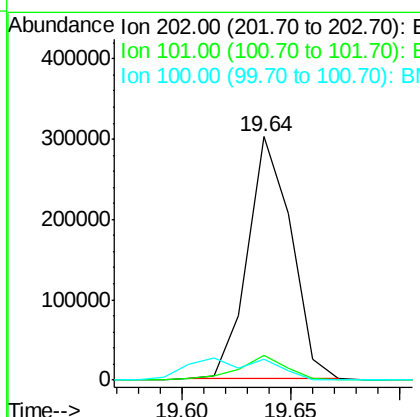
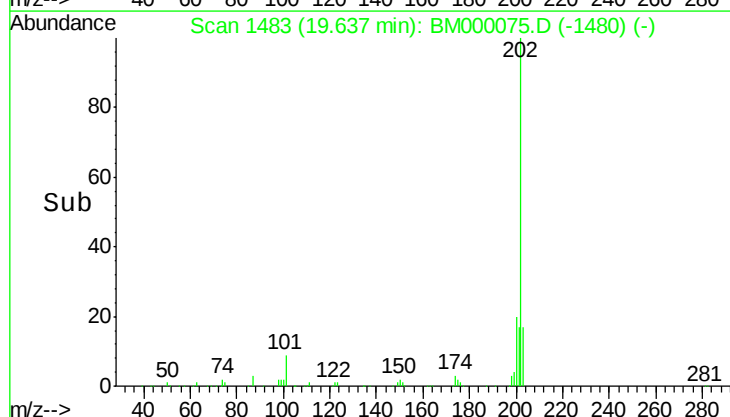
RT: 19.64 min Scan# 1483

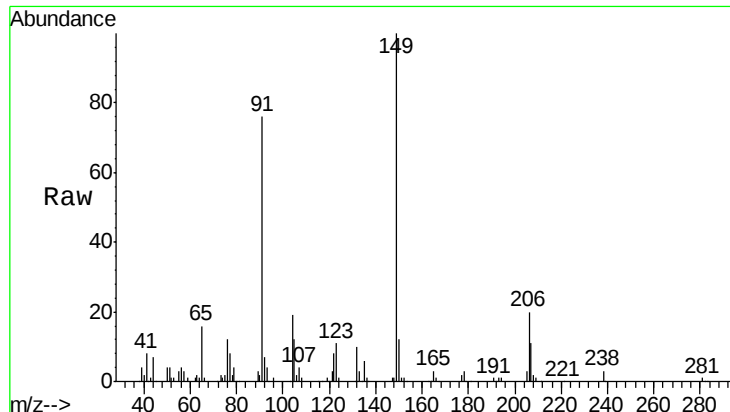
Delta R.T. -0.00 min

Lab File: BM000075.D

Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	421828		
101	10.2	6.9	10.3	
100	8.4	5.5	8.3#	





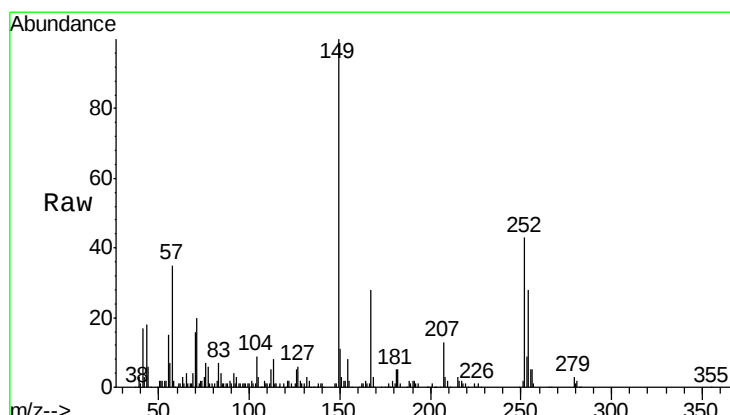
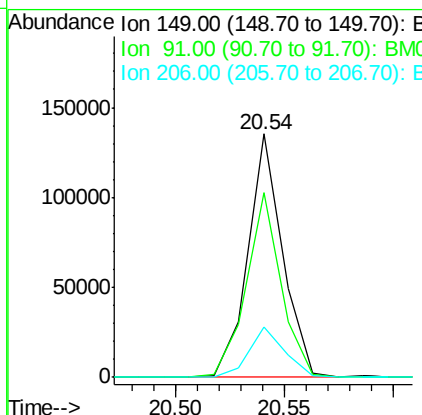
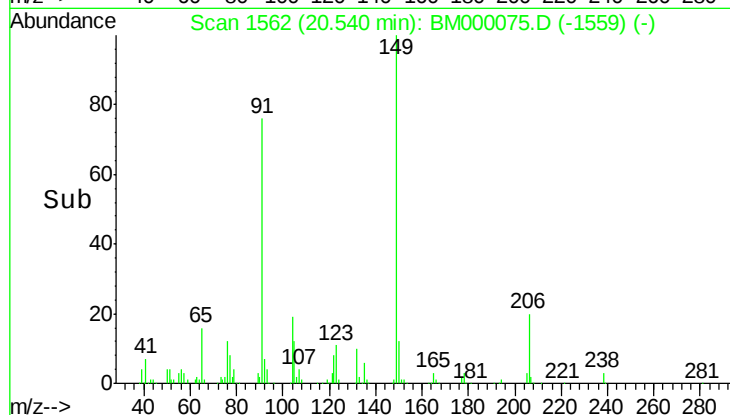
#78
Butylbenzylphthalate
Concen: 4.49 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	150542		
91	76.0	56.6	84.8	
206	20.4	16.8	25.2	

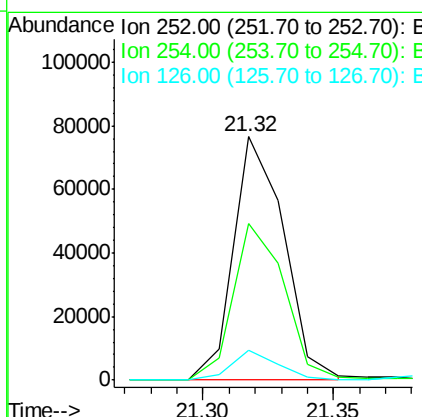
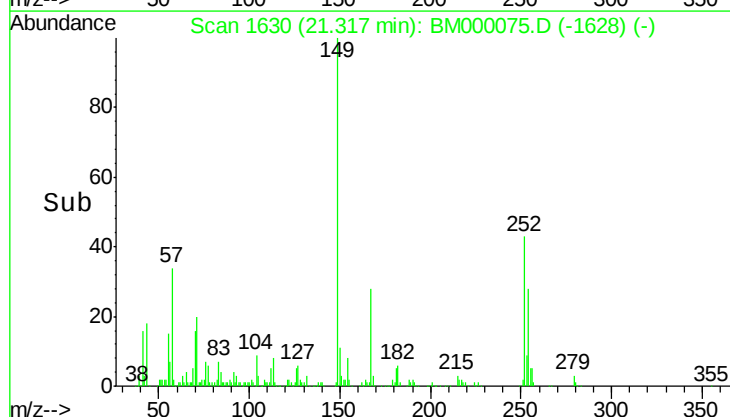
Manual Integrations
APPROVED

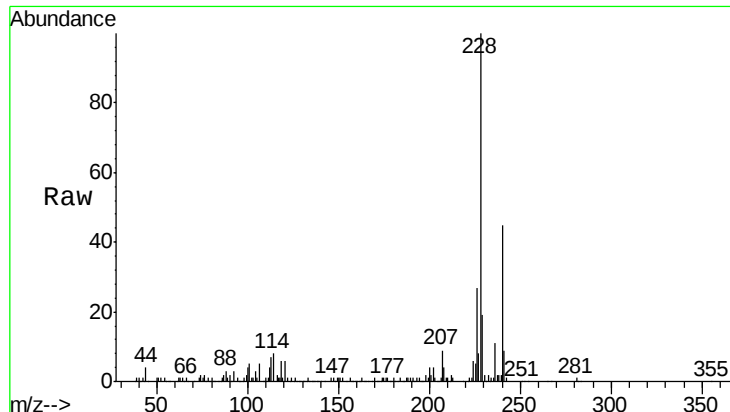
TEJASKUMAR
1/7/2015 9:20:55 AM



#79
3,3'-Dichlorobenzidine
Concen: 4.16 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	104077		
254	64.5	51.2	76.8	
126	12.5	7.9	11.9	





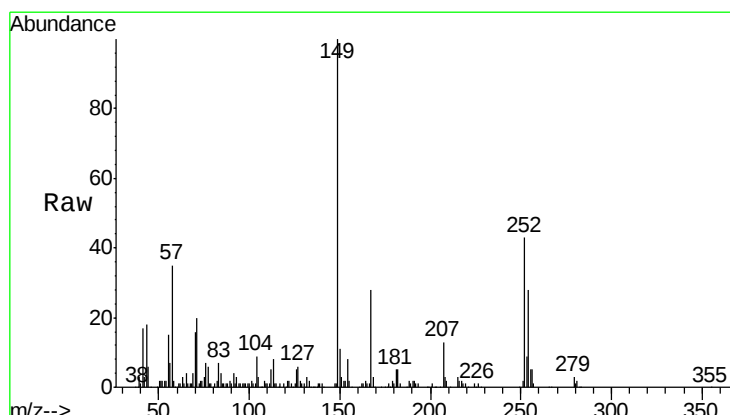
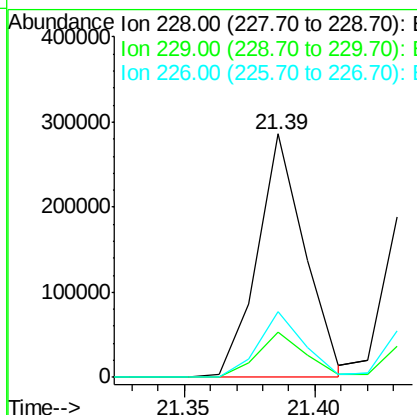
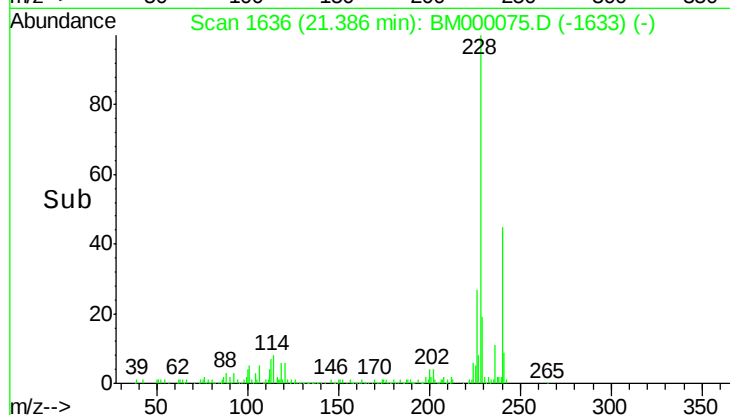
#80
Benzo(a)anthracene
Concen: 4.58 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:228 Resp: 361684
Ion Ratio Lower Upper
228 100
229 18.7 15.8 23.8
226 26.7 20.7 31.1

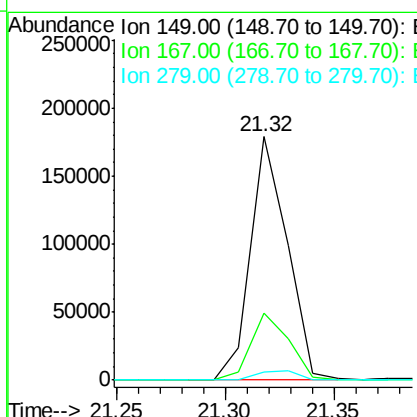
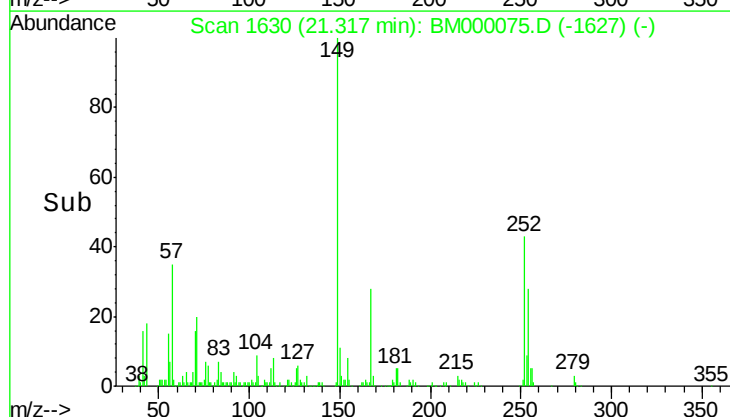
Manual Integrations
APPROVED

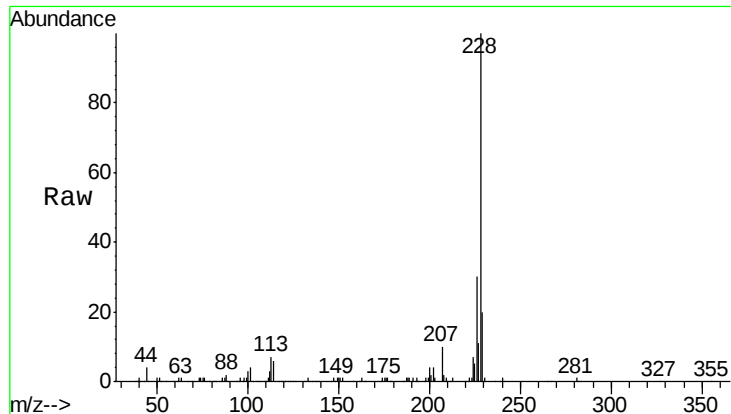
TEJASKUMAR
1/7/2015 9:20:55 AM



#81
Bis(2-ethylhexyl)phthalate
Concen: 4.35 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion:149 Resp: 212108
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 3.1 3.0 4.6





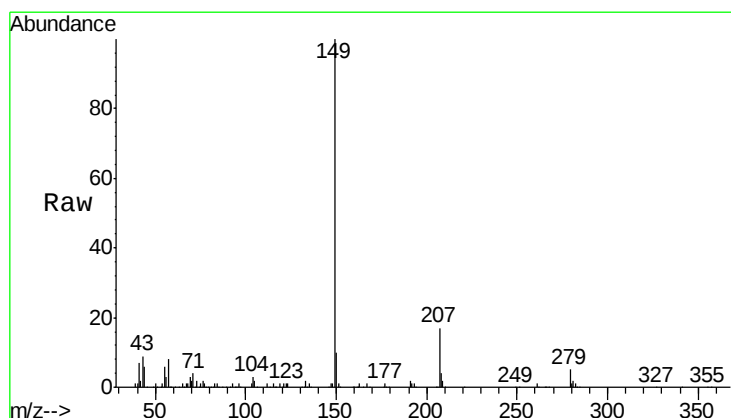
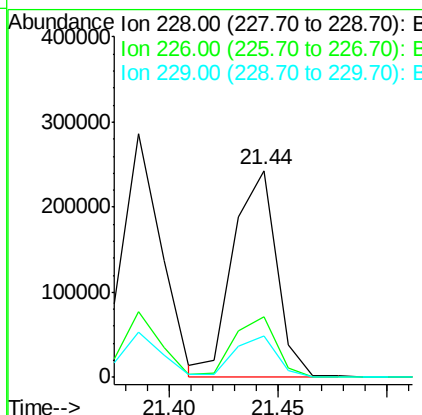
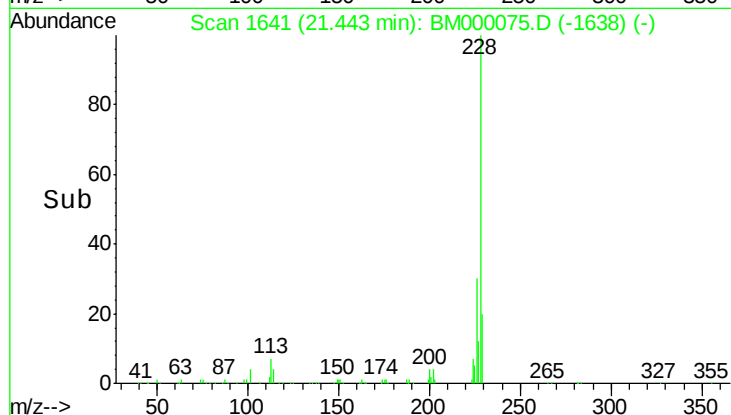
#82
 Chrysene
 Concen: 4.65 ng/ul
 RT: 21.44 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:228 Resp: 338640
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.0 34.4
 229 20.1 15.6 23.4

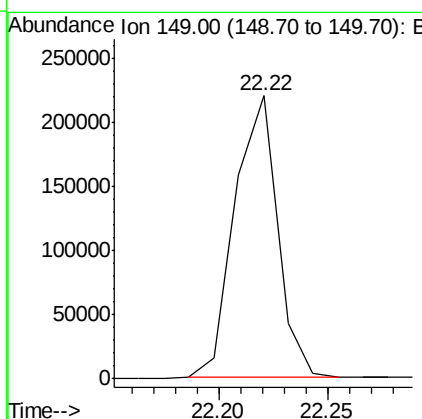
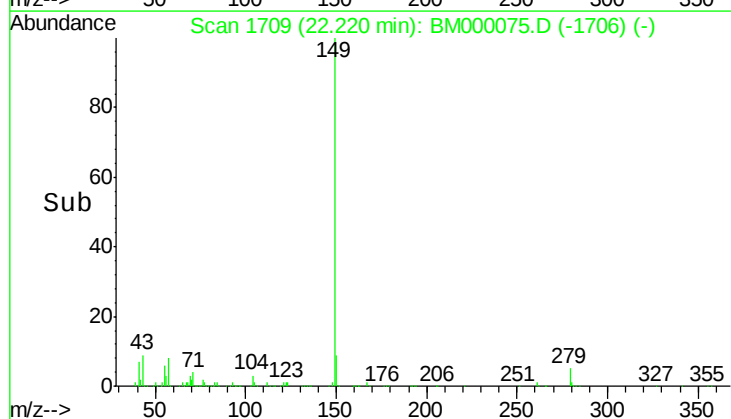
Manual Integrations
 APPROVED

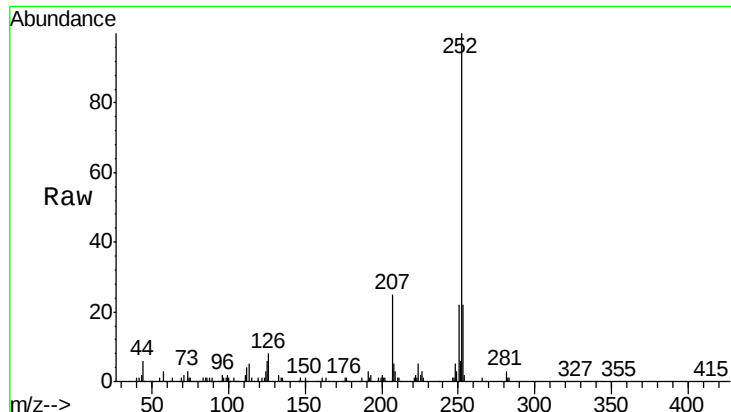
TEJASKUMAR
 1/7/2015 9:20:55 AM



#84
 Di-n-octyl phthalate
 Concen: 4.05 ng/ul
 RT: 22.22 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:149 Resp: 301721





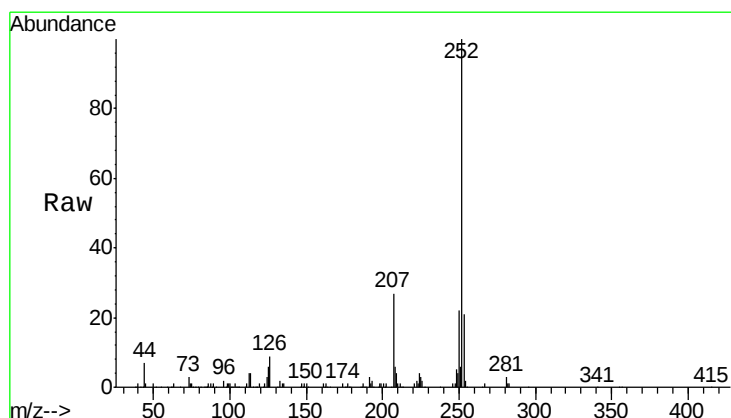
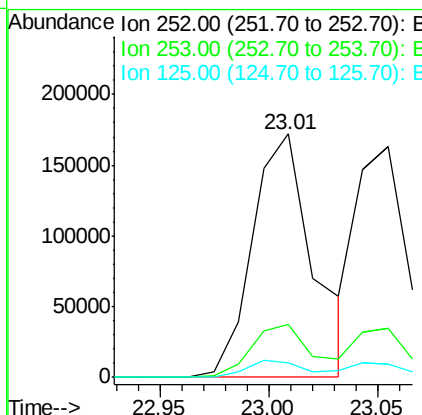
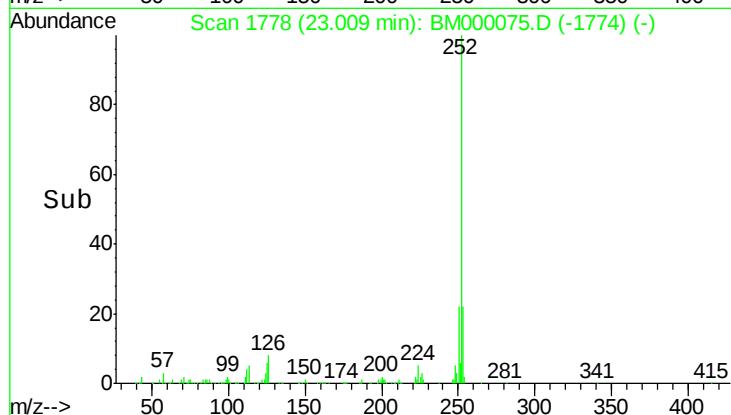
#85
Benzo(b)fluoranthene
Concen: 4.87 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:252 Resp: 336468
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.9 4.8 7.2

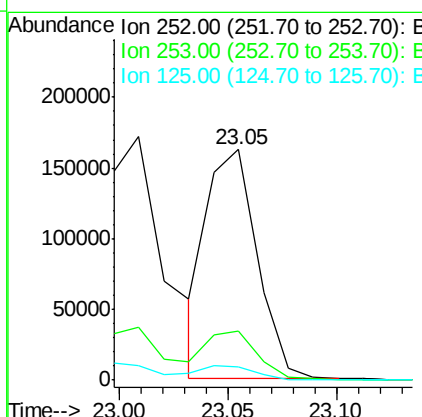
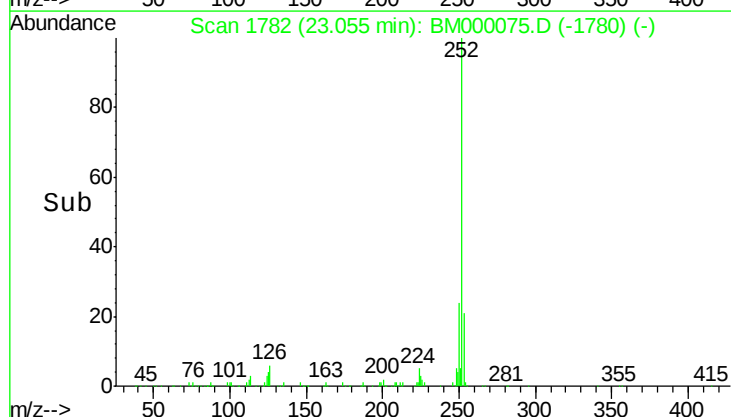
Manual Integrations
APPROVED

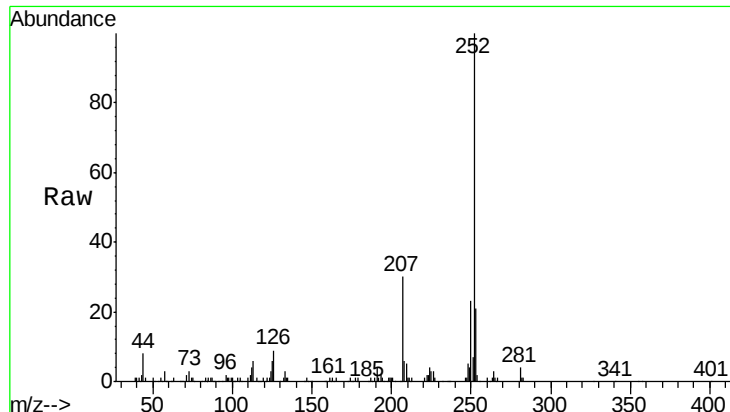
TEJASKUMAR
1/7/2015 9:20:55 AM



#86
Benzo(k)fluoranthene
Concen: 4.40 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion:252 Resp: 259509
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 5.8 4.9 7.3





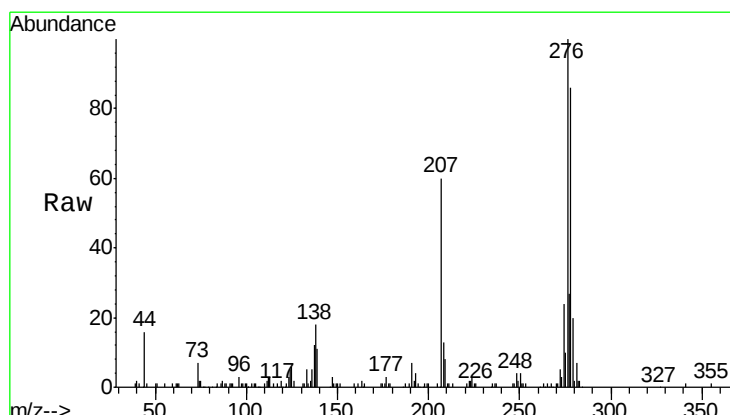
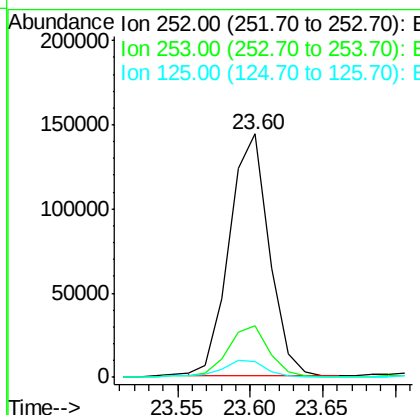
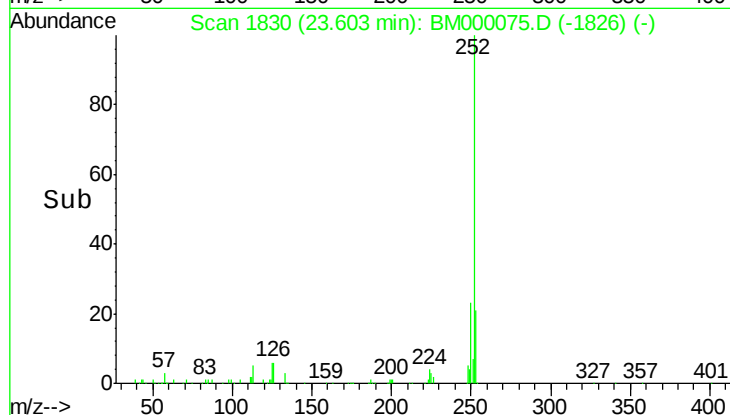
#88
Benzo(a)pyrene
Concen: 4.53 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Tgt Ion:252 Resp: 275124
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 6.3 5.8 8.6

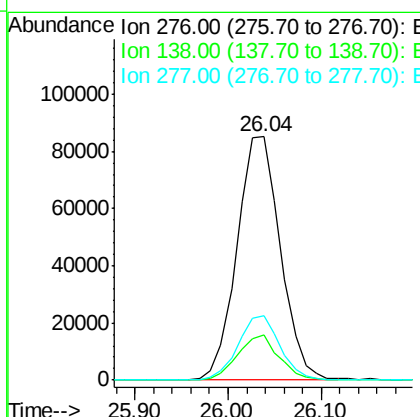
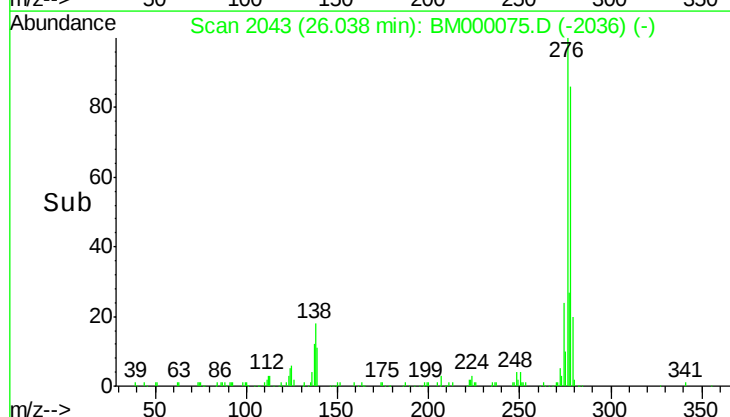
Manual Integrations
APPROVED

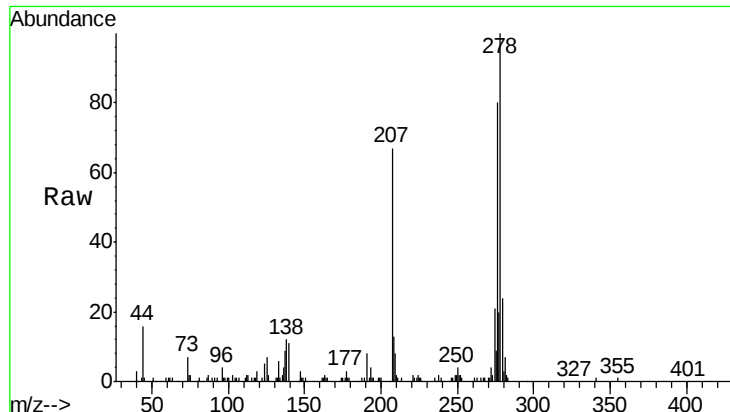
TEJASKUMAR
1/7/2015 9:20:55 AM



#89
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BM000075.D
Acq: 30 Dec 2014 01:39

Tgt Ion:276 Resp: 275531
Ion Ratio Lower Upper
276 100
138 18.4 14.2 21.2
277 26.5 18.8 28.2





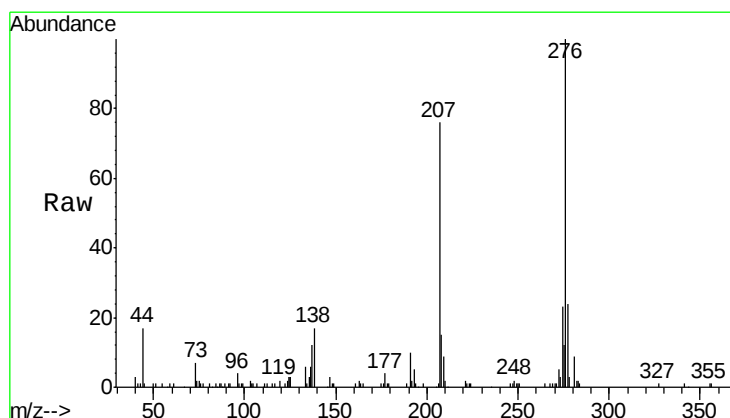
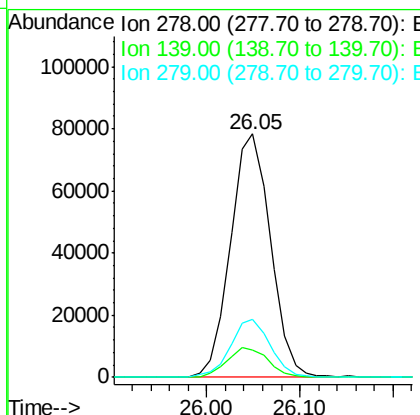
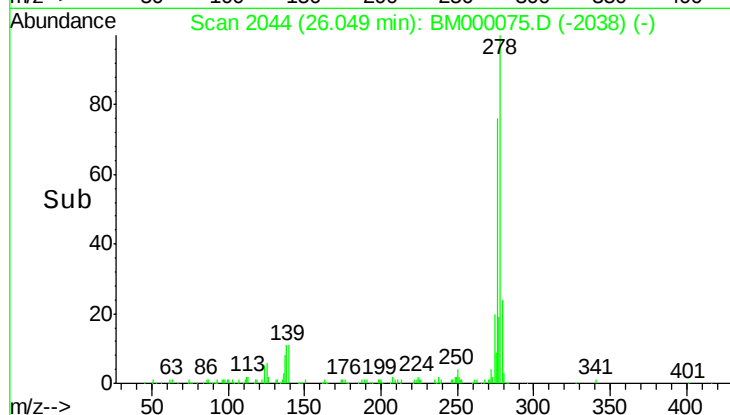
#90
 Dibenzo(a,h)anthracene
 Concen: 4.39 ng/ul
 RT: 26.05 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion:278 Resp: 233786
 Ion Ratio Lower Upper
 278 100
 139 11.2 10.2 15.2
 279 24.0 19.2 28.8

Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:20:55 AM



#91
 Benzo(g,h,i)perylene
 Concen: 4.41 ng/ul
 RT: 26.75 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM000075.D
 Acq: 30 Dec 2014 01:39

Tgt Ion:276 Resp: 229154
 Ion Ratio Lower Upper
 276 100
 138 17.0 12.1 18.1
 277 24.3 19.0 28.4

