

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003464.D
 Acq On : 10 Dec 2015 22:12
 Operator : UM/IZ
 Sample : IDOC-W-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:00:44 PM

Quant Time: Dec 11 07:18:47 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	71160	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	310738	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	164407	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	322345	20.00	ng	0.00
75) Chrysene-d12	21.32	240	299949	20.00	ng	0.00
86) Perylene-d12	23.57	264	298824	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	594455	148.52	ng	0.00
7) Phenol-d6	6.90	99	791198	142.36	ng	0.00
23) Nitrobenzene-d5	8.88	82	474401	94.66	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	233009	141.91	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1130183	93.66	ng	0.00
78) Terphenyl-d14	19.76	244	1152688	90.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	53166	32.01	ng	# 100
3) Pyridine	3.60	79	166741	35.84	ng	88
4) n-Nitrosodimethylamine	3.53	42	66235	44.47	ng	85
6) Aniline	7.05	93	214547	29.33	ng	95
8) 2-Chlorophenol	7.29	128	238639	47.09	ng	95
9) Benzaldehyde	6.86	77	102398	37.57	ng	96
10) Phenol	6.92	94	282102	47.84	ng	# 72
11) bis(2-Chloroethyl)ether	7.15	93	201189	42.17	ng	96
12) 1,3-Dichlorobenzene	7.61	146	233303	41.91	ng	99
13) 1,4-Dichlorobenzene	7.76	146	240184	41.84	ng	97
14) 1,2-Dichlorobenzene	8.07	146	233986	42.69	ng	97
15) Benzyl Alcohol	7.96	79	187395	48.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	207584	40.73	ng	91
17) 2-Methylphenol	8.17	107	198467	48.13	ng	97
18) Hexachloroethane	8.80	117	84513	42.85	ng	90
19) n-Nitroso-di-n-propylamine	8.53	70	158717	43.54	ng	# 88
20) 3+4-Methylphenols	8.49	107	270201	47.37	ng	96
22) Acetophenone	8.55	105	327099	42.95	ng	# 89
24) Nitrobenzene	8.92	77	241840	44.63	ng	90
25) Isophorone	9.44	82	445823	43.98	ng	97
26) 2-Nitrophenol	9.63	139	124947	45.59	ng	92
27) 2,4-Dimethylphenol	9.69	122	228354	47.85	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	281776	46.26	ng	99
29) 2,4-Dichlorophenol	10.16	162	227130	49.97	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	223837	44.10	ng	97
31) Naphthalene	10.56	128	717231	44.11	ng	99
32) Benzoic acid	9.84	122	134957m	45.64	ng	
33) 4-Chloroaniline	10.67	127	60075	8.95	ng	95
34) Hexachlorobutadiene	10.85	225	131121	43.57	ng	97
35) Caprolactam	11.45	113	66820m	44.46	ng	
36) 4-Chloro-3-methylphenol	11.81	107	235140	45.87	ng	91
37) 2-Methylnaphthalene	12.18	142	519117	46.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	243401	46.05	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	289328	98.14	ng	98

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003464.D
 Acq On : 10 Dec 2015 22:12
 Operator : UM/IZ
 Sample : IDOC-W-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

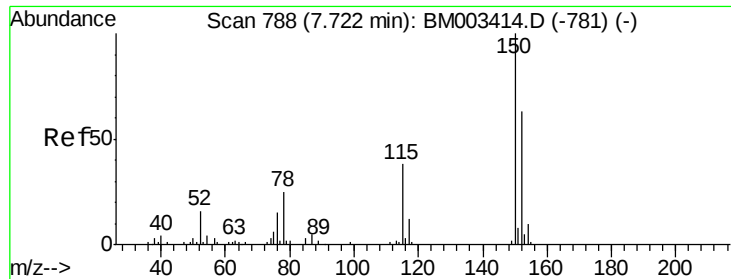
Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:00:44 PM

Quant Time: Dec 11 07:18:47 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	171284	49.69	nq	98
43) 2,4,5-Trichlorophenol	12.87	196	183911	50.76	nq	# 89
45) 1,1'-Biphenyl	13.20	154	655278	44.95	nq	99
46) 2-Chloronaphthalene	13.25	162	496387	46.35	nq	# 93
47) 2-Nitroaniline	13.45	65	124580	46.90	nq	93
48) Acenaphthylene	14.09	152	816001	45.70	nq	100
49) Dimethylphthalate	13.83	163	613473	45.28	nq	100
50) 2,6-Dinitrotoluene	13.95	165	133301	47.16	nq	95
51) Acenaphthene	14.44	154	470592	45.49	nq	100
52) 3-Nitroaniline	14.28	138	58128	20.09	nq	84
53) 2,4-Dinitrophenol	14.49	184	119533	75.27	nq	# 81
54) Dibenzofuran	14.77	168	748123	50.07	nq	94
55) 4-Nitrophenol	14.60	139	215588	90.25	nq	82
56) 2,4-Dinitrotoluene	14.74	165	179271	48.88	nq	# 70
57) Fluorene	15.43	166	566999	45.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	145212	52.14	nq	# 100
59) Diethylphthalate	15.20	149	605090	45.49	nq	99
60) 4-Chlorophenyl-phenylether	15.42	204	275843	44.04	nq	94
61) 4-Nitroaniline	15.45	138	131254	44.43	nq	# 75
62) Azobenzene	15.71	77	528366	50.67	nq	98
64) 4,6-Dinitro-2-methylphenol	15.51	198	84967	43.69	nq	80
65) n-Nitrosodiphenylamine	15.64	169	503234	49.38	nq	99
66) 4-Bromophenyl-phenylether	16.32	248	163701	47.10	nq	# 86
67) Hexachlorobenzene	16.43	284	178385	47.77	nq	# 81
68) Atrazine	16.59	200	166061	52.25	nq	98
69) Pentachlorophenol	16.77	266	198751	93.24	nq	98
70) Phenanthrene	17.16	178	861201	47.61	nq	99
71) Anthracene	17.26	178	869726	48.39	nq	99
72) Carbazole	17.53	167	767789	49.03	nq	100
73) Di-n-butylphthalate	18.09	149	936249	51.15	nq	99
74) Fluoranthene	19.19	202	907093	48.63	nq	98
76) Benzidine	19.37	184	371700	38.68	nq	99
77) Pyrene	19.55	202	939725	44.67	nq	100
79) Butylbenzylphthalate	20.45	149	390402	48.19	nq	95
80) Benzo(a)anthracene	21.30	228	855269	47.56	nq	99
81) 3,3'-Dichlorobenzidine	21.23	252	184668	32.25	nq	99
82) Chrysene	21.35	228	777960	44.95	nq	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	550580	49.56	nq	98
84) Di-n-octyl phthalate	22.11	149	973675	53.04	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.85	276	986198	54.23	nq	# 100
87) Benzo(b)fluoranthene	22.89	252	875989	48.23	nq	98
88) Benzo(k)fluoranthene	22.94	252	811608	45.77	nq	100
89) Benzo(a)pyrene	23.47	252	837413	49.01	nq	# 97
90) Dibenzo(a,h)anthracene	25.86	278	823035	49.34	nq	99
91) Benzo(g,h,i)perylene	26.55	276	836676	49.64	nq	100

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



#1

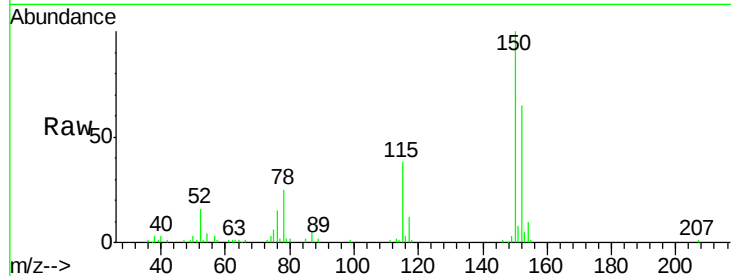
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	59.0	43.0	64.4

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM

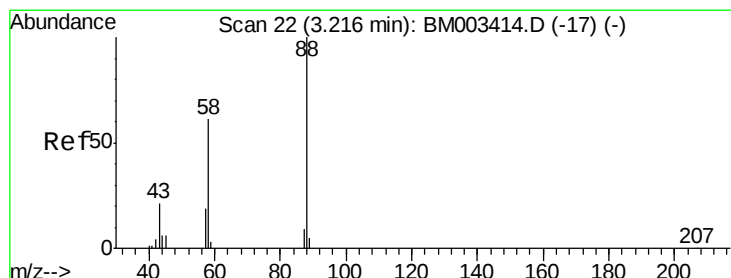
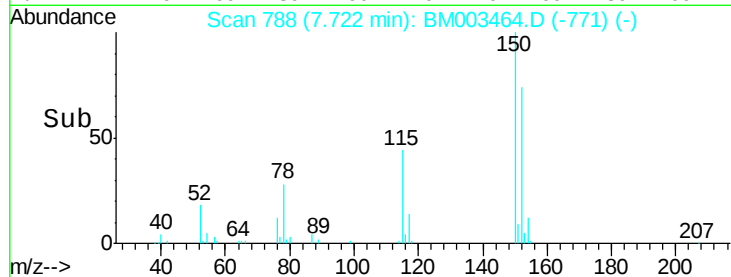
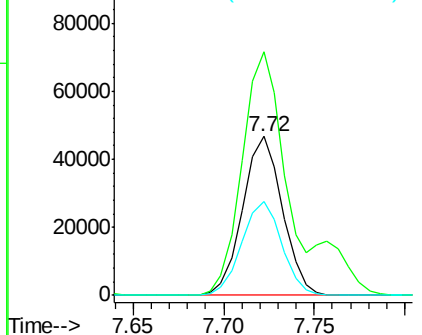


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

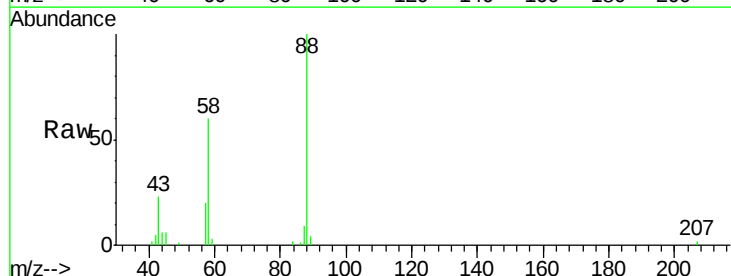
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.01 ng
RT: 3.22 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	0.0	0.0#
43	21.6	0.0	0.0#

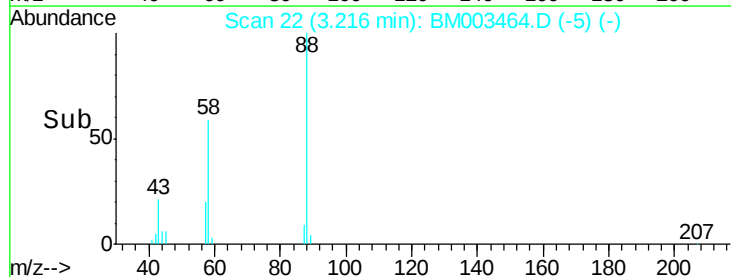
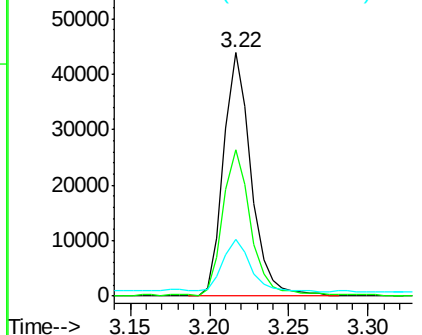


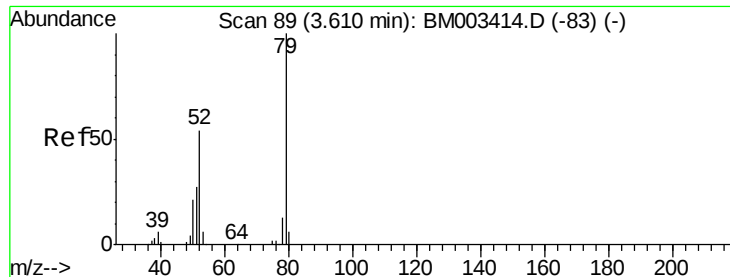
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.84 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

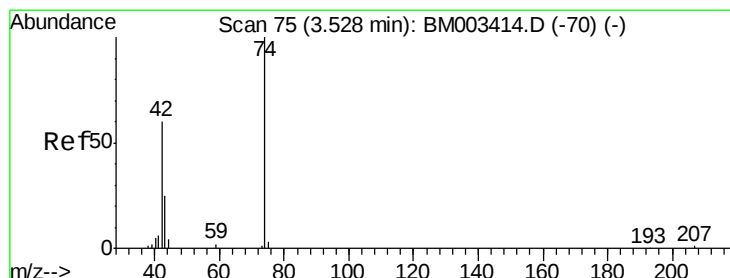
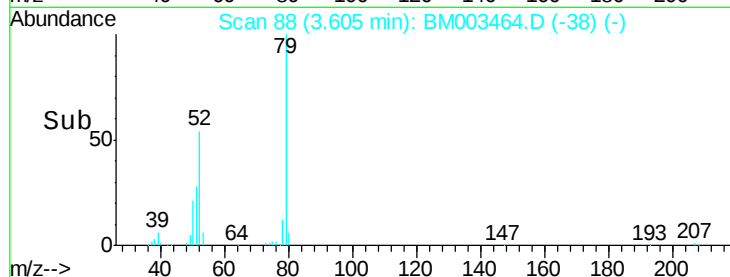
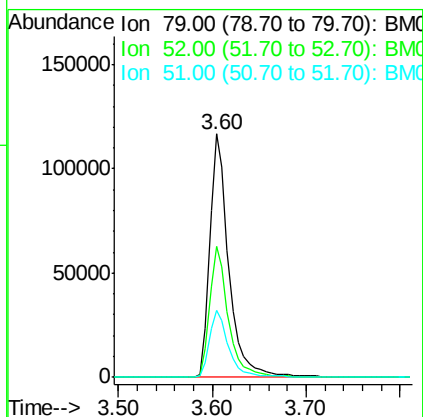
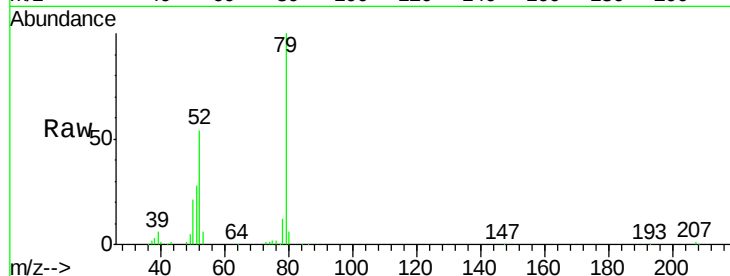
ClientSampleId :

IDOC-W-03

Tot Ion:	79	Resp:	166741
Ion	Ratio	Lower	Upper
79	100		
52	53.6	51.1	76.7
51	27.5	26.1	39.1

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#4

n-Nitrosodimethylamine

Concen: 44.47 ng

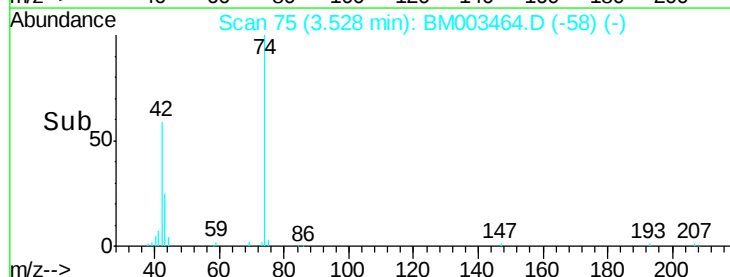
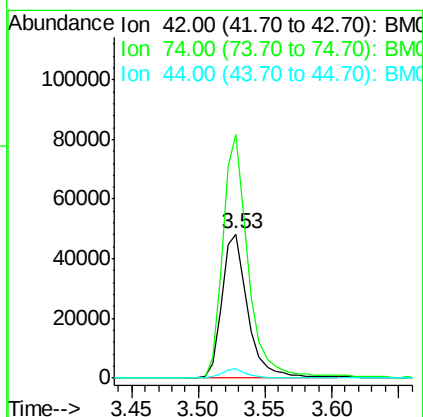
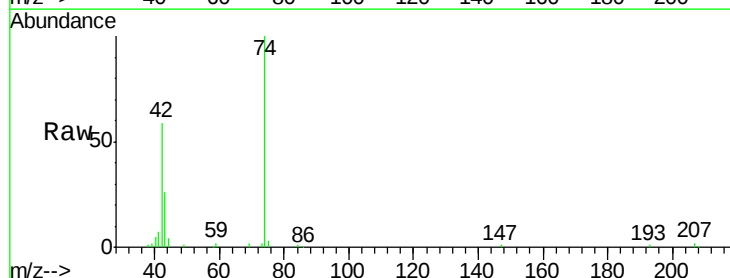
RT: 3.53 min Scan# 75

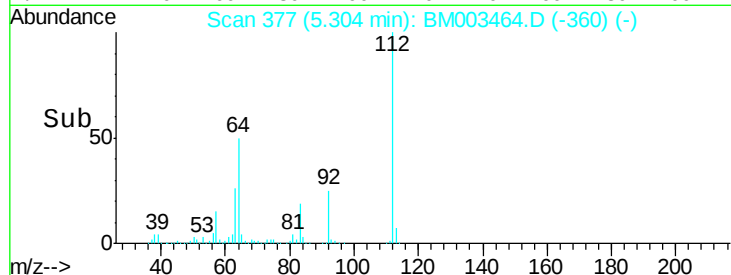
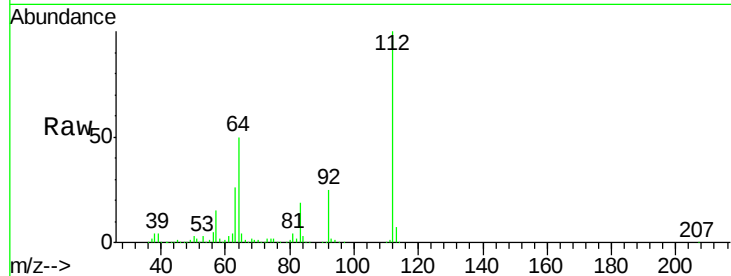
Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	42	Resp:	66235
Ion	Ratio	Lower	Upper
42	100		
74	169.0	119.3	178.9
44	6.2	5.4	8.2





#5

2-Fluorophenol

Concen: 148.52 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003464.D

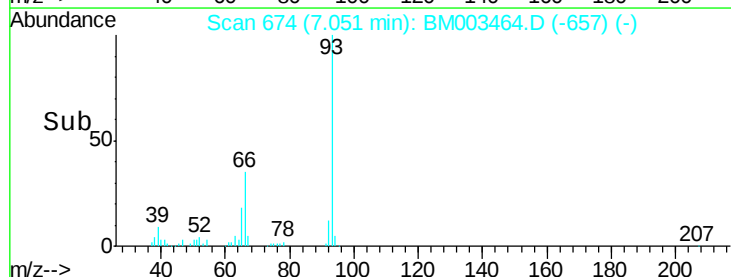
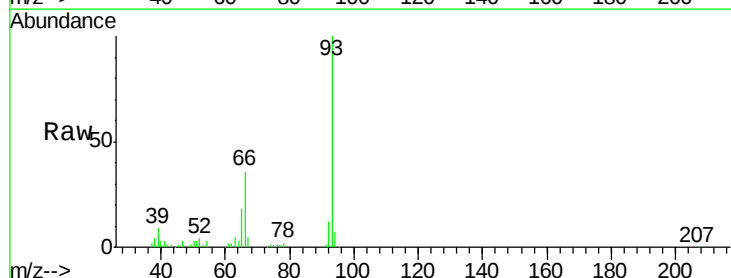
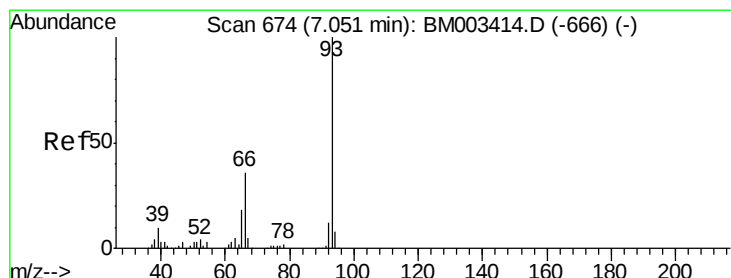
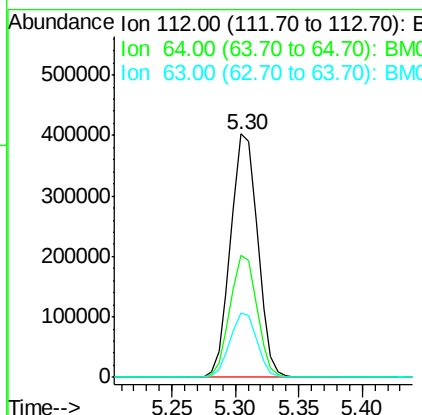
Acq: 10 Dec 2015 22:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		594455		
64	50.1		38.6	57.8	
63	26.3		19.3	28.9	

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#6

Aniline

Concen: 29.33 ng

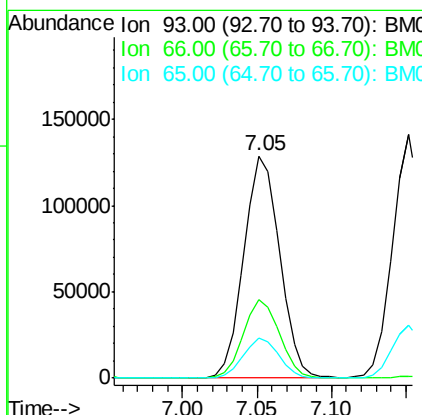
RT: 7.05 min Scan# 674

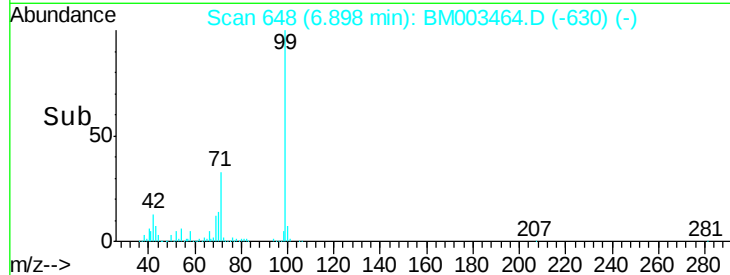
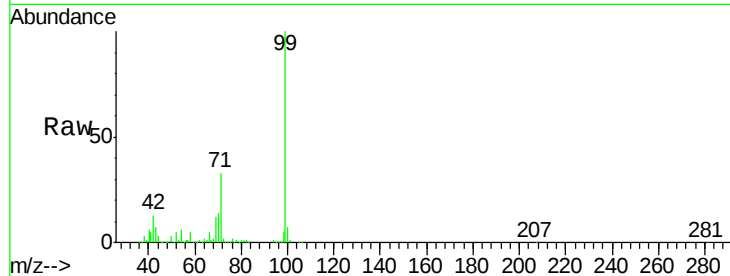
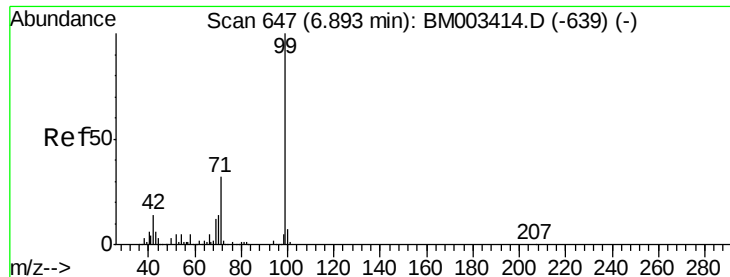
Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		214547		
66	35.5		30.8	46.2	
65	18.2		16.0	24.0	





#7

Phenol-d6

Concen: 142.36 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		791198		
42	13.5	11.0	16.4		
71	33.0	23.4	35.2		

Instrument :

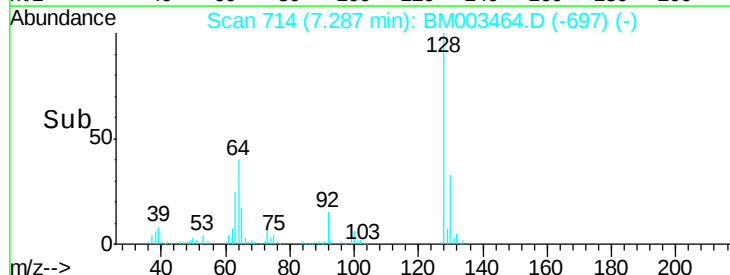
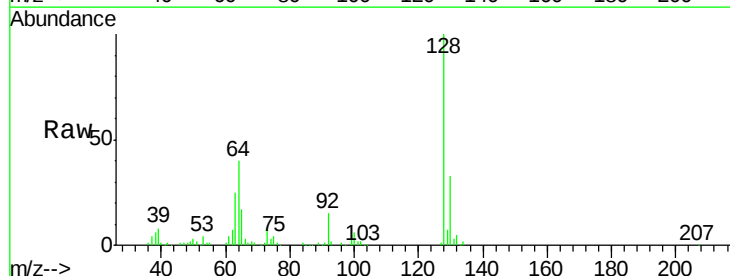
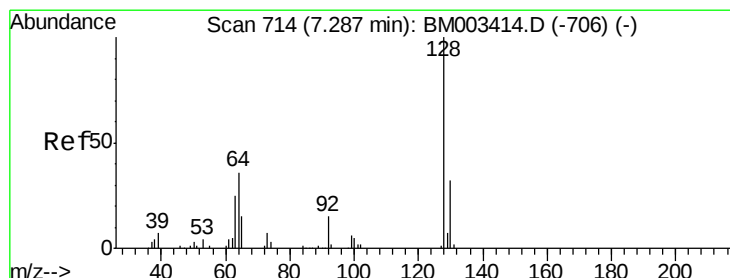
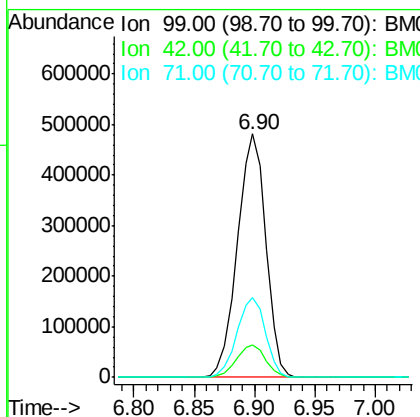
BNA_M

ClientSampleId :

IDOC-W-03

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#8

2-Chlorophenol

Concen: 47.09 ng

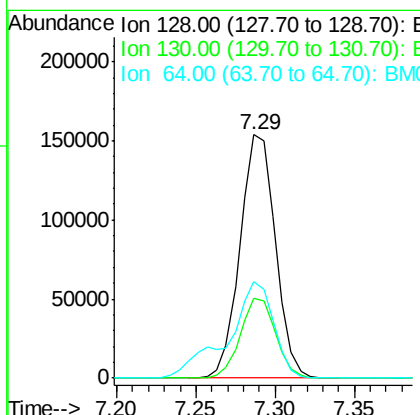
RT: 7.29 min Scan# 714

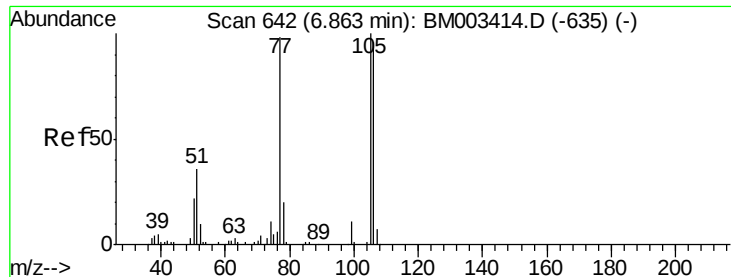
Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		238639		
130	32.7	12.0	52.0		
64	39.5	24.9	64.9		





#9

Benzaldehyde

Concen: 37.57 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

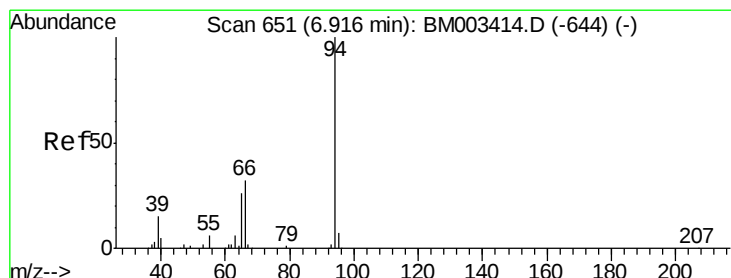
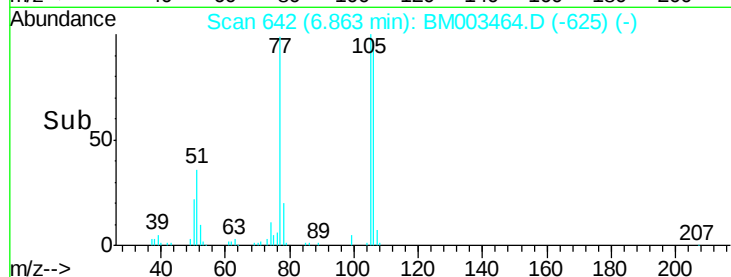
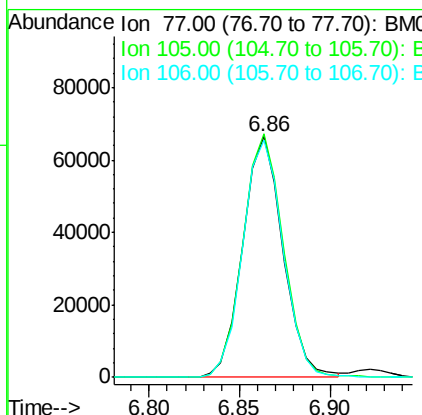
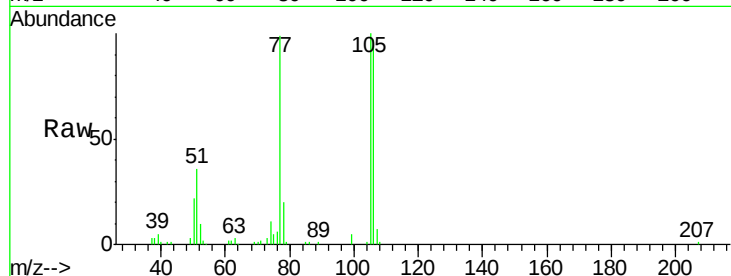
ClientSampleId :

IDOC-W-03

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM

Tot Ion:	77	Resp:	102398
Ion	Ratio	Lower	Upper
77	100		
105	101.1	78.8	118.8
106	98.4	73.7	113.7



#10

Phenol

Concen: 47.84 ng

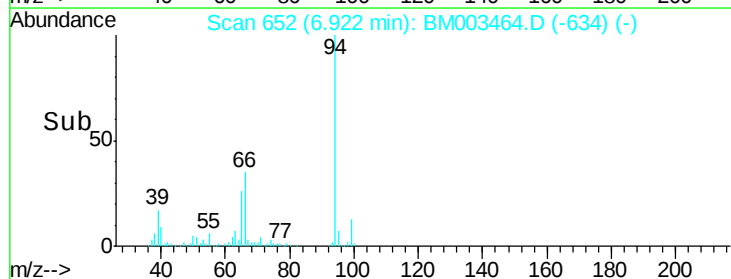
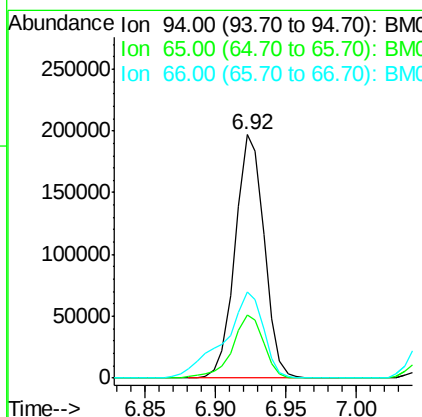
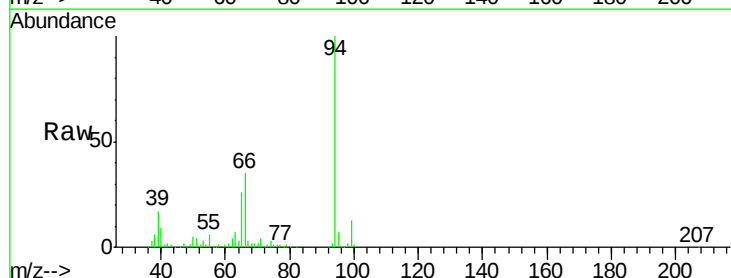
RT: 6.92 min Scan# 652

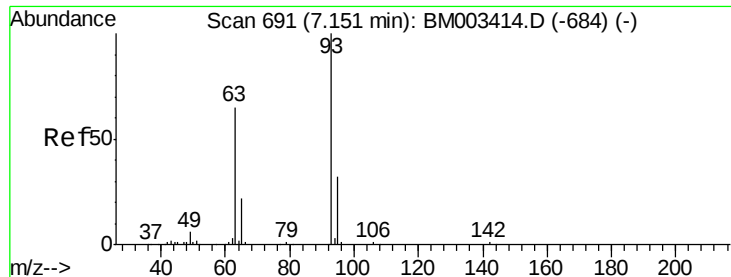
Delta R.T. 0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	94	Resp:	282102
Ion	Ratio	Lower	Upper
94	100		
65	26.2	18.8	58.8
66	35.5	39.9	79.9#





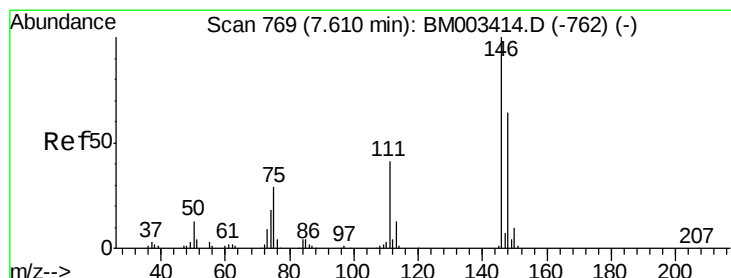
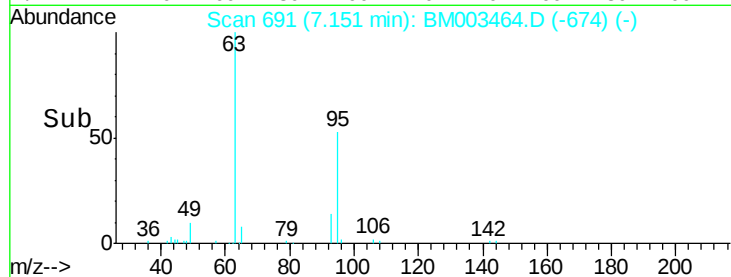
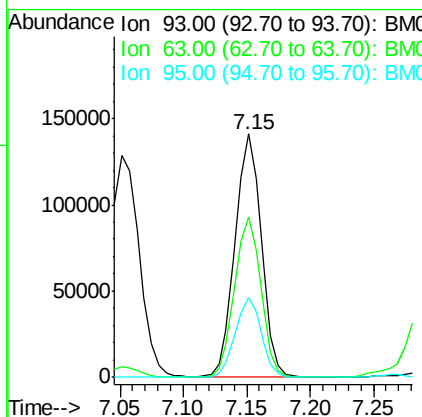
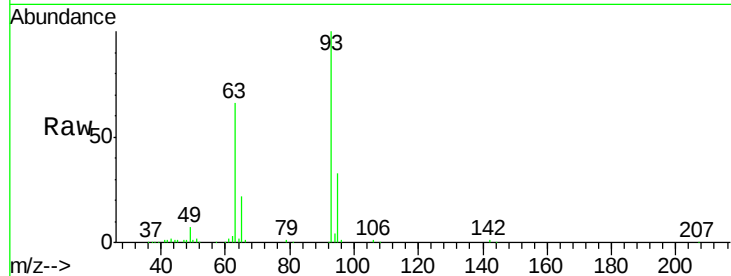
#11
bis(2-Chloroethyl)ether
Concen: 42.17 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion:	93	Resp:	201189
Ion Ratio	Lower	Upper	
93	100		
63	65.7	49.5	89.5
95	32.7	13.5	53.5

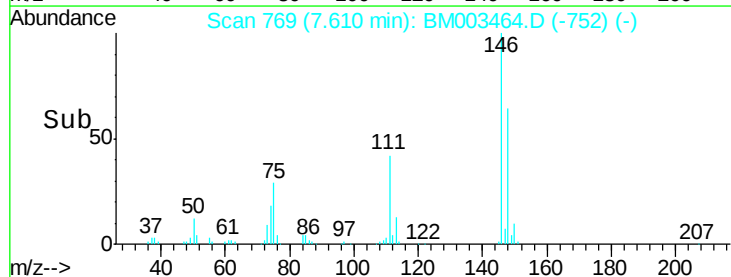
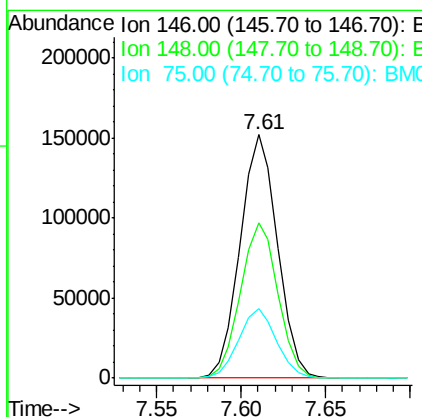
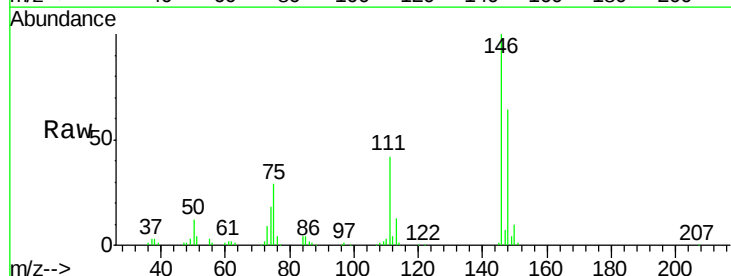
Manual Integrations
APPROVED

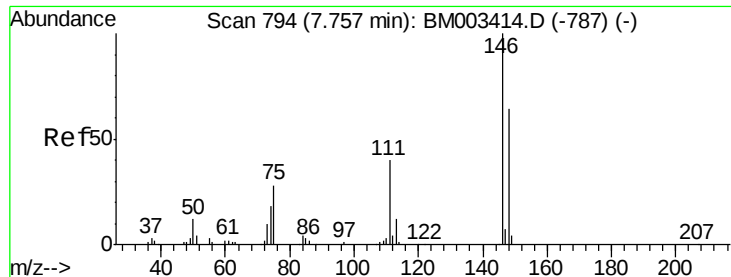
MMdadoda
12/11/2015 6:00:44 PM



#12
1,3-Dichlorobenzene
Concen: 41.91 ng
RT: 7.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion:	146	Resp:	233303
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.9	76.3
75	28.6	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 41.84 ng

RT: 7.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

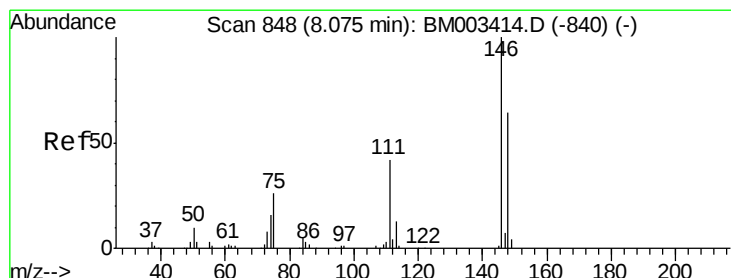
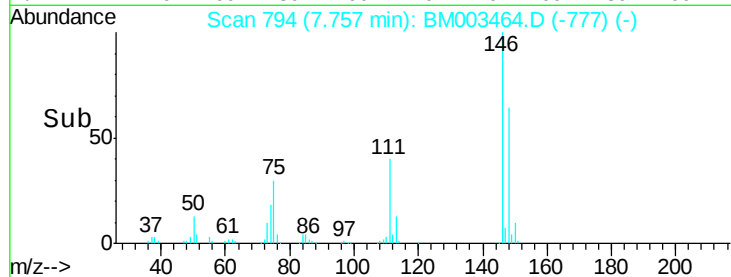
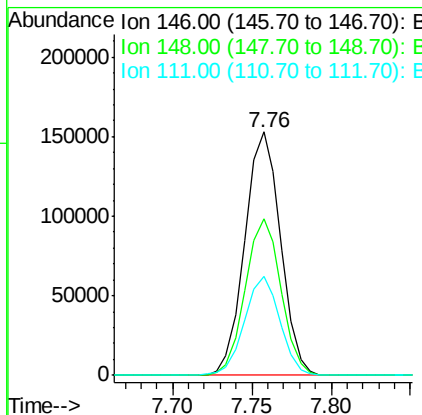
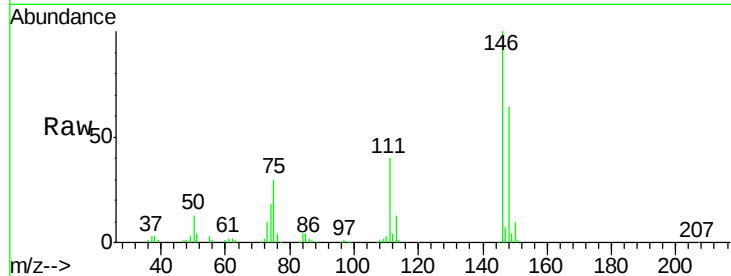
ClientSampleId :

IDOC-W-03

Tot Ion:	146	Resp:	240184
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
111	40.4	29.2	43.8

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#14

1,2-Dichlorobenzene

Concen: 42.69 ng

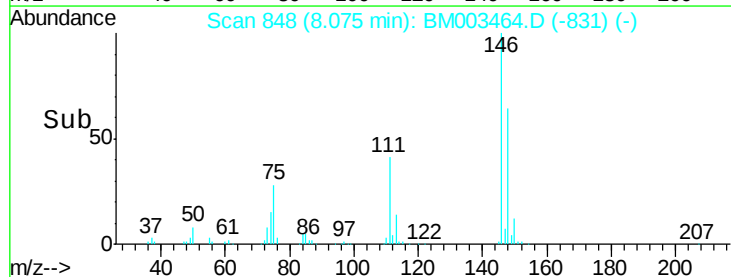
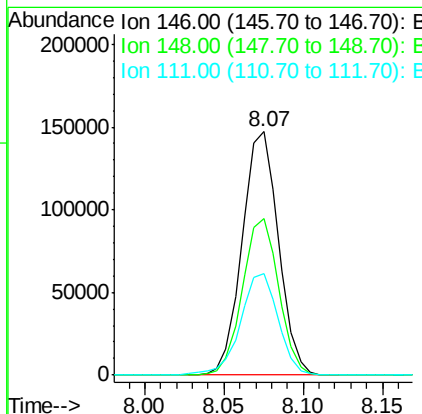
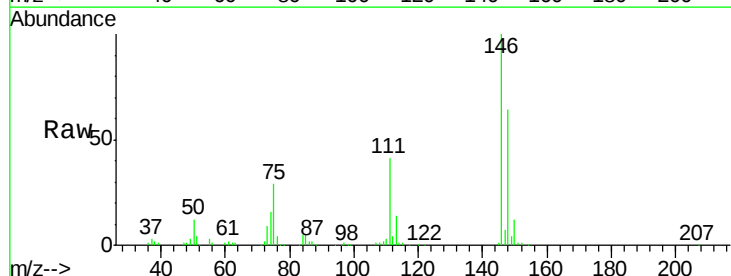
RT: 8.07 min Scan# 848

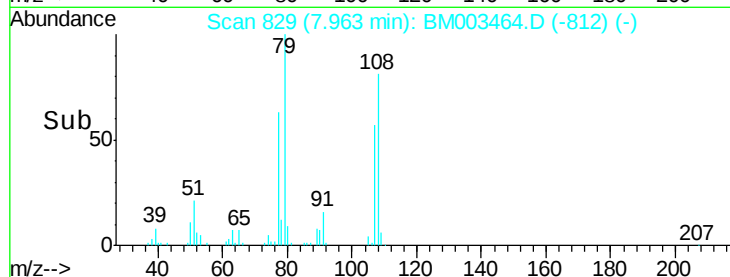
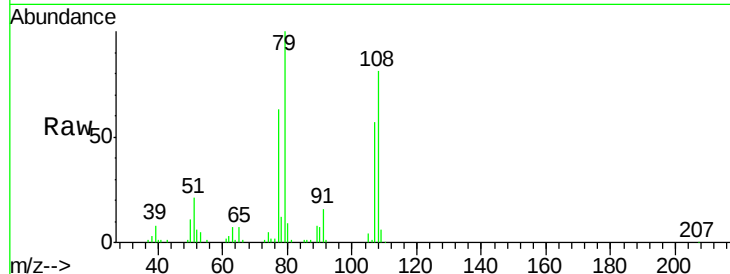
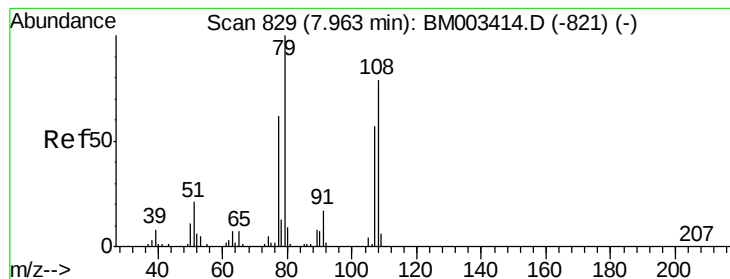
Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	146	Resp:	233986
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
111	41.5	30.6	45.8





#15

Benzyl Alcohol

Concen: 48.73 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tot Ion:	79	Resp:	187395
Ion Ratio	Lower	Upper	
79	100		
108	80.5	65.0	97.4
77	62.9	53.0	79.6

Instrument :

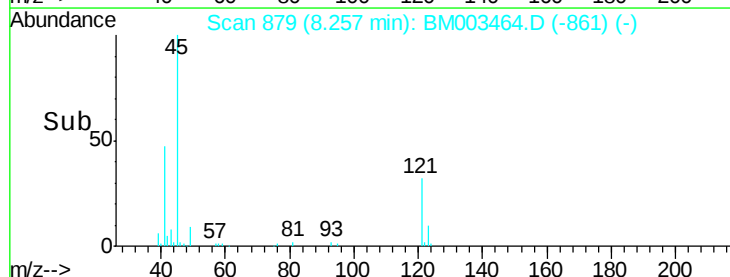
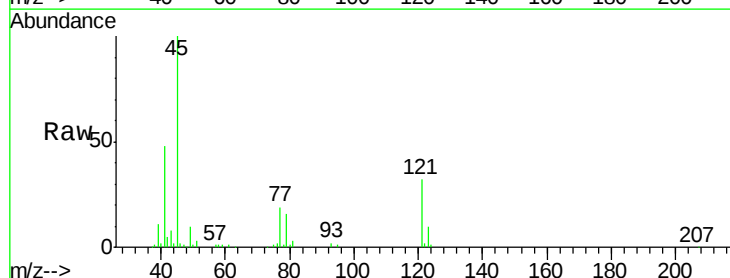
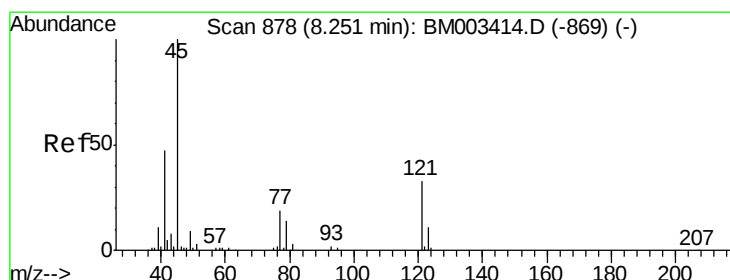
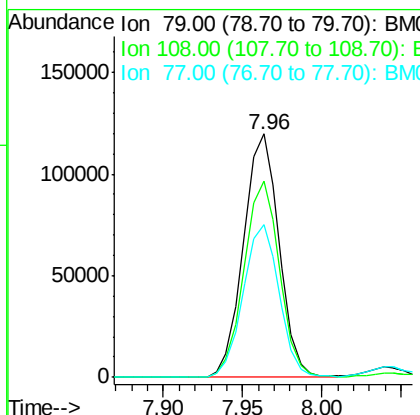
BNA_M

ClientSampleId :

IDOC-W-03

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.73 ng

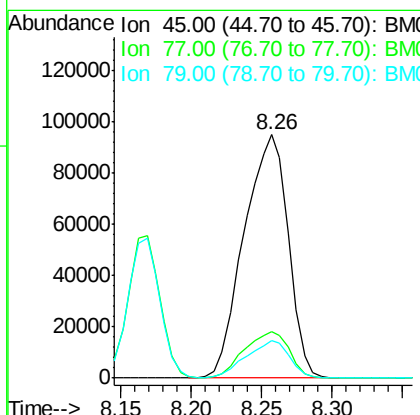
RT: 8.26 min Scan# 879

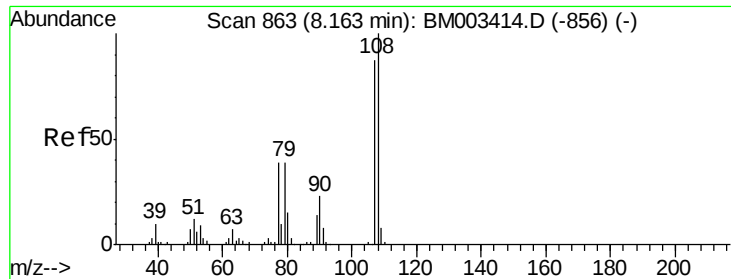
Delta R.T. 0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	45	Resp:	207584
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.0	35.2
79	15.6	0.0	32.0





#17

2-Methylphenol

Concen: 48.13 ng

RT: 8.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM003464.D

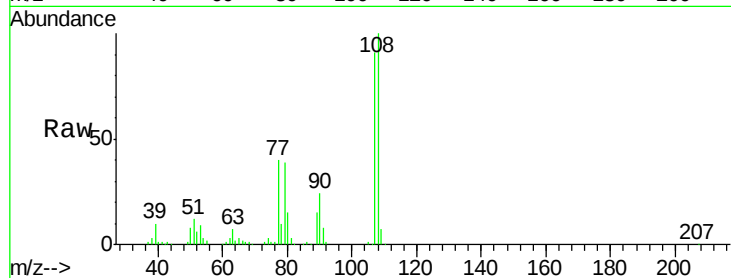
Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

ClientSampleId :

IDOC-W-03



Tot Ion:107 Resp: 198467

Ion Ratio Lower Upper

107 100

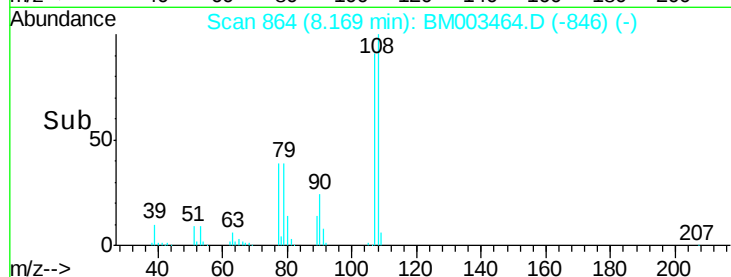
108 110.3 89.8 134.8

77 43.8 32.6 48.8

79 43.2 32.8 49.2

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

Time-->

8.17

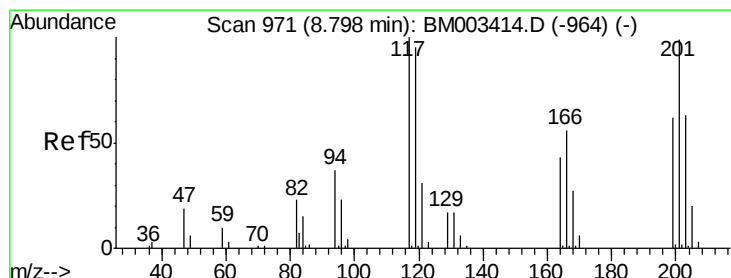
150000

100000

50000

0

8.10 8.15 8.20 8.25



#18

Hexachloroethane

Concen: 42.85 ng

RT: 8.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

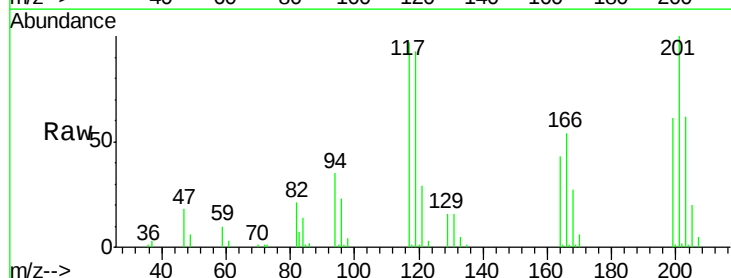
Tgt Ion:117 Resp: 84513

Ion Ratio Lower Upper

117 100

119 95.6 79.2 118.8

201 103.2 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

8.80

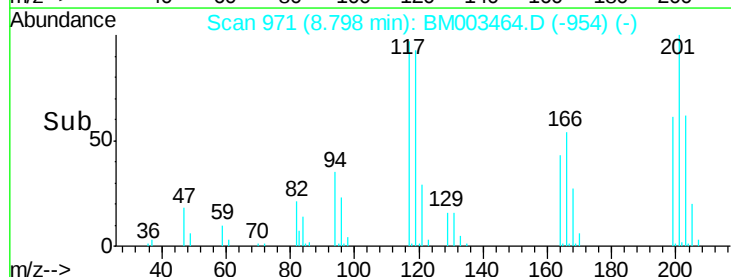
60000

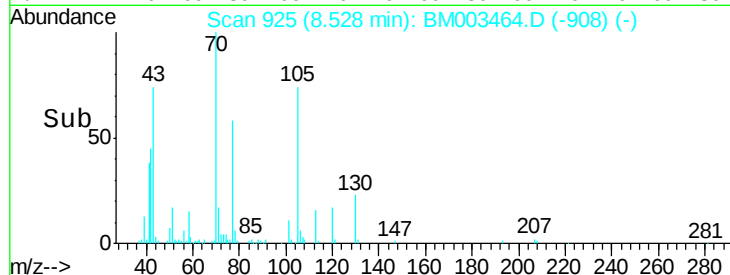
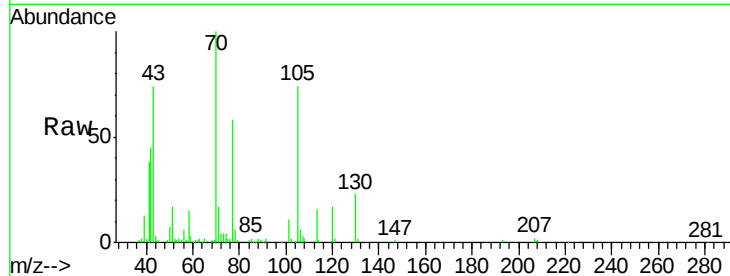
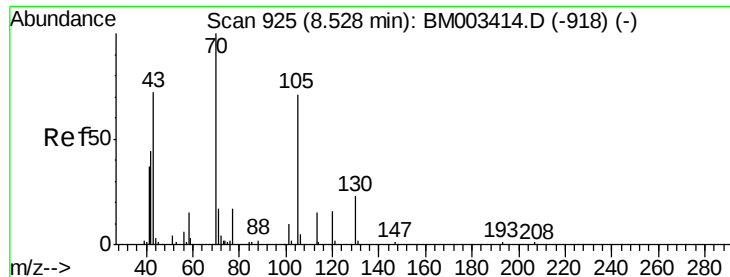
40000

20000

0

8.75 8.80 8.85





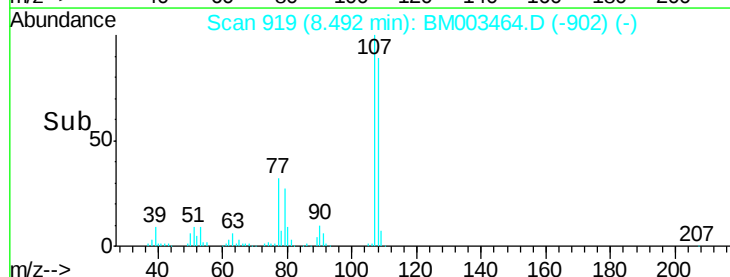
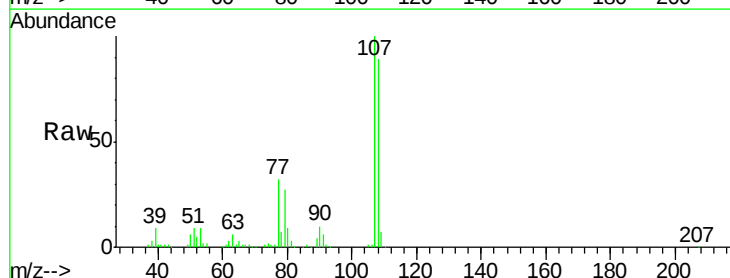
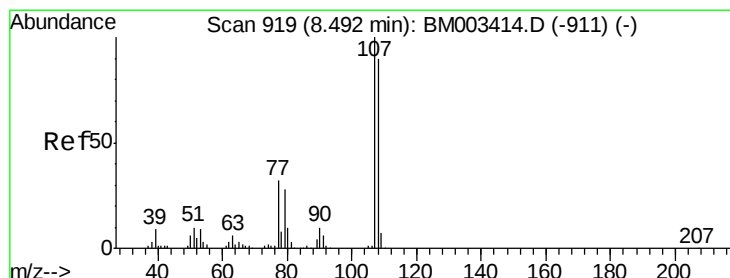
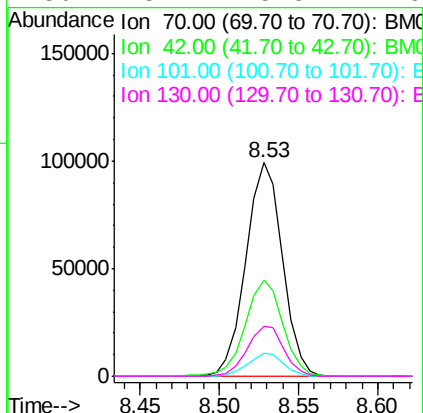
#19
n-Nitroso-di-n-propylamine
Concen: 43.54 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Manual Integrations
APPROVED

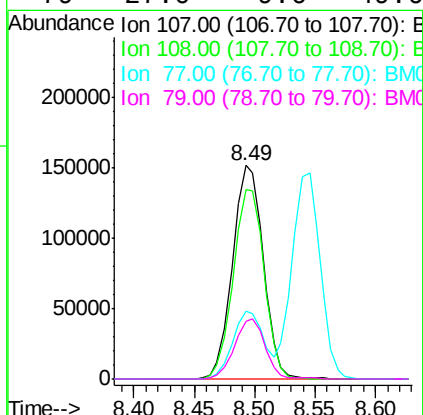
MMdadoda
12/11/2015 6:00:44 PM

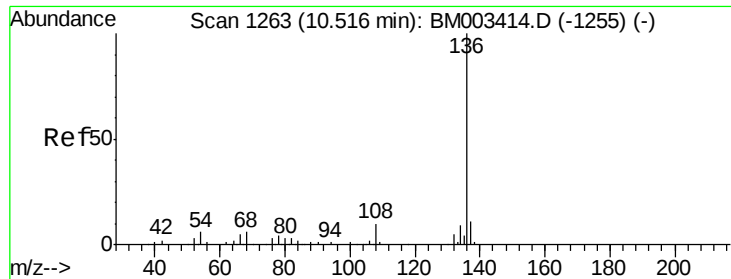
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.2	44.5	66.7		
101	10.7	7.4	11.2		
130	23.4	15.3	22.9		



#20
3+4-Methylphenols
Concen: 47.37 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	73.2	113.2		
77	32.0	10.7	50.7		
79	27.0	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003464.D

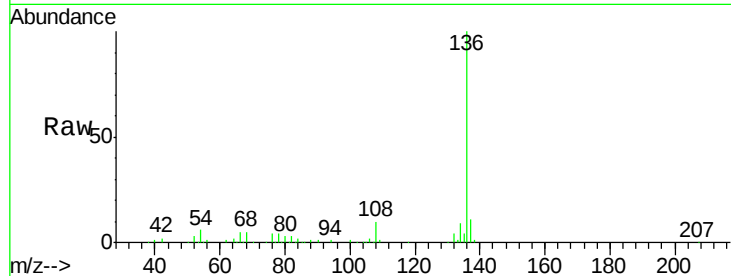
Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

ClientSampleId :

IDOC-W-03



Tot Ion:136 Resp: 310738

Ion Ratio Lower Upper

136 100

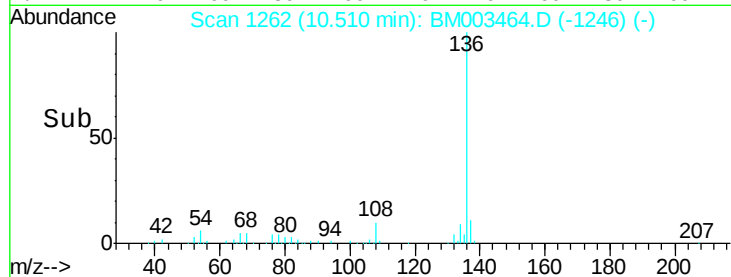
137 11.0 8.7 13.1

54 6.1 4.6 6.8

68 5.5 3.7 5.5

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM

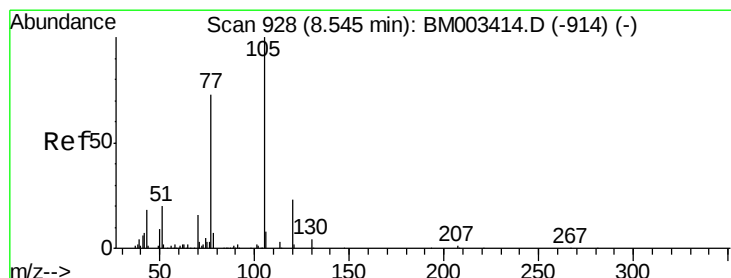
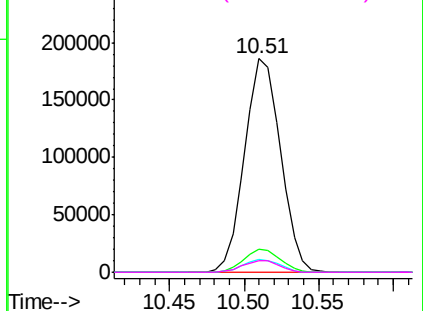


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.95 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:105 Resp: 327099

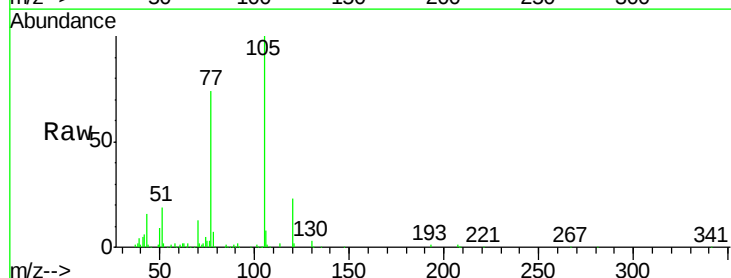
Ion Ratio Lower Upper

105 100

71 2.0 0.6 1.0#

51 19.4 21.6 32.4#

120 23.0 16.1 24.1

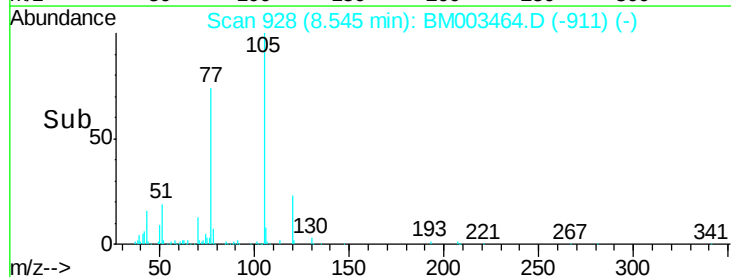
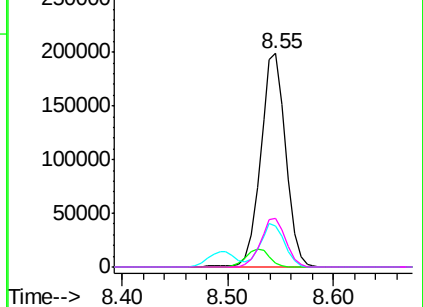


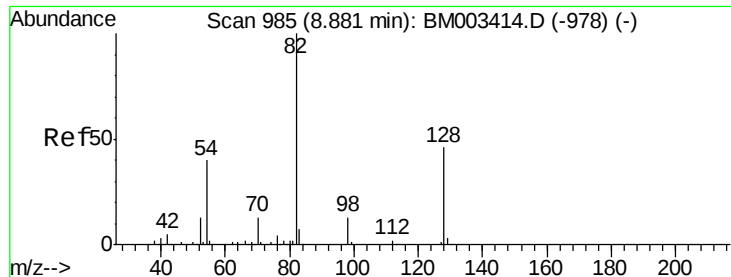
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





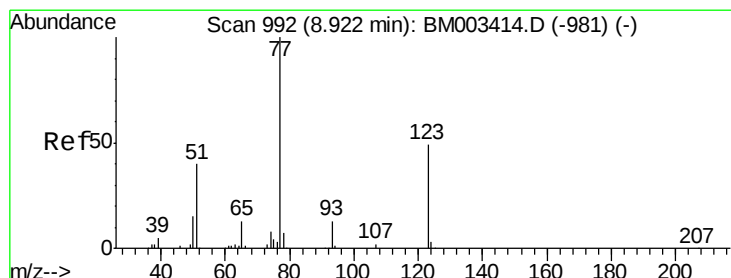
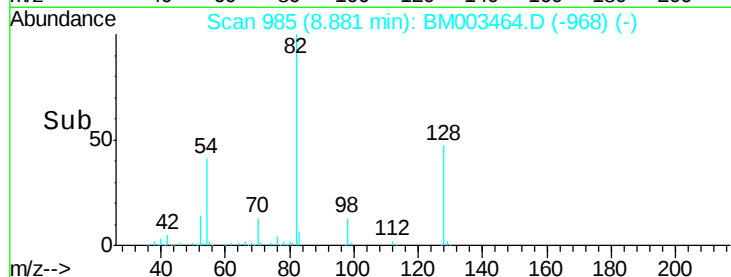
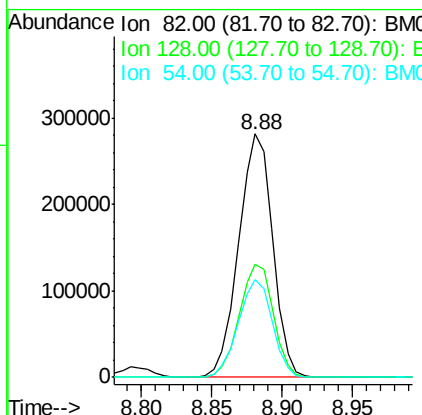
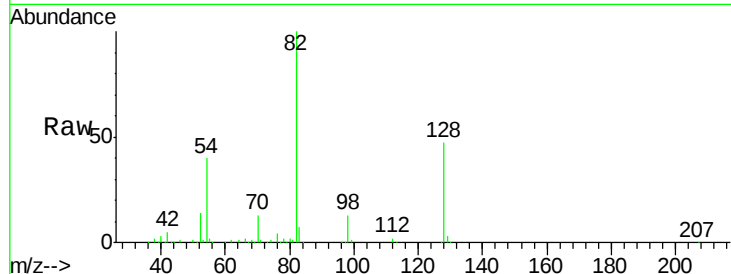
#23
 Nitrobenzene-d5
 Concen: 94.66 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
82	100	474401		
128	46.5	32.8	49.2	
54	40.1	40.6	60.8	

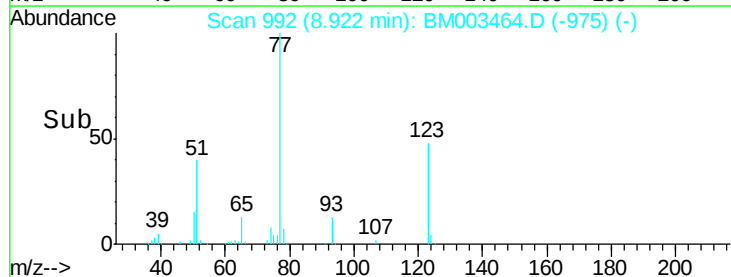
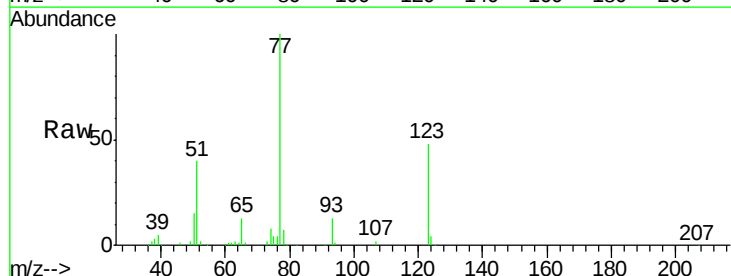
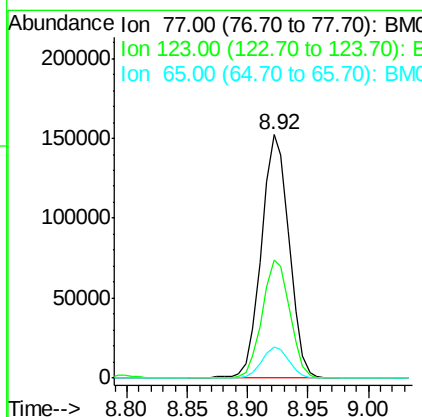
Manual Integrations
 APPROVED

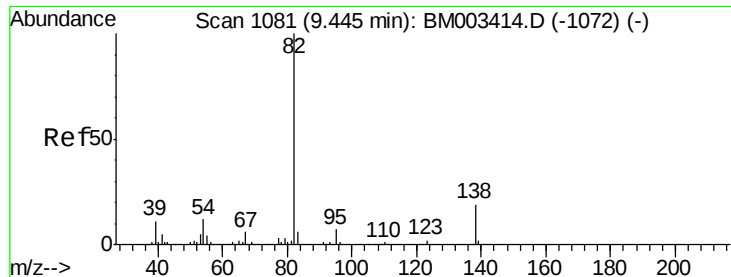
MMdadoda
 12/11/2015 6:00:44 PM



#24
 Nitrobenzene
 Concen: 44.63 ng
 RT: 8.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	241840		
123	48.3	32.6	49.0	
65	12.8	10.9	16.3	





#25

Isophorone

Concen: 43.98 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

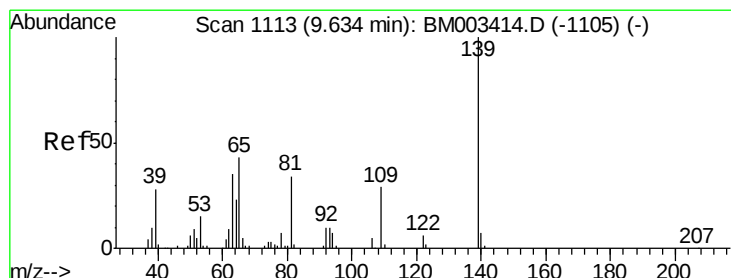
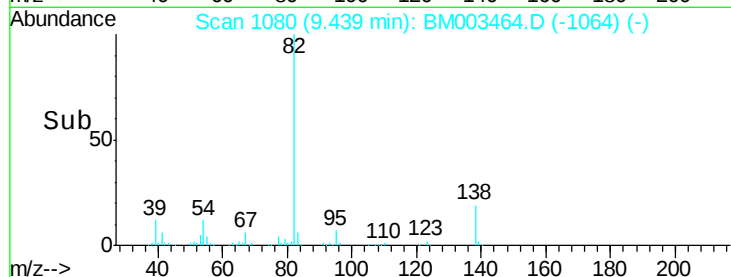
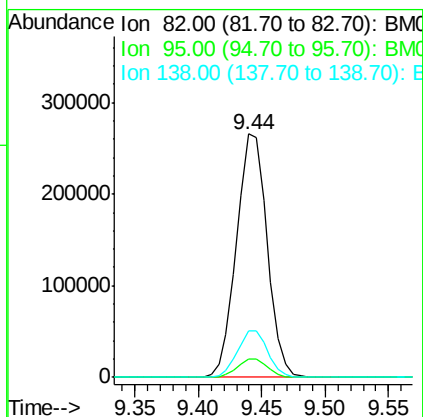
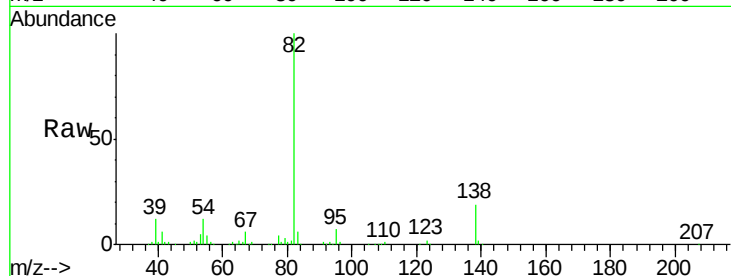
ClientSampleId :

IDOC-W-03

Tot Ion:	82	Resp:	445823
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.6
138	18.9	16.3	24.5

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#26

2-Nitrophenol

Concen: 45.59 ng

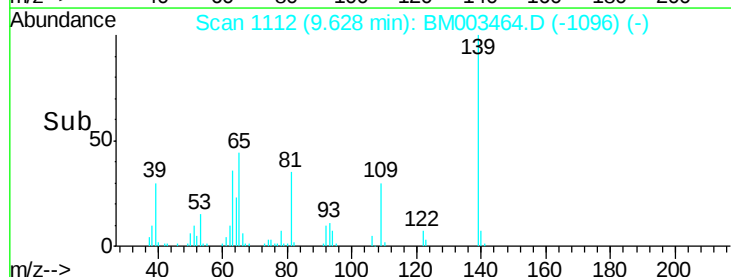
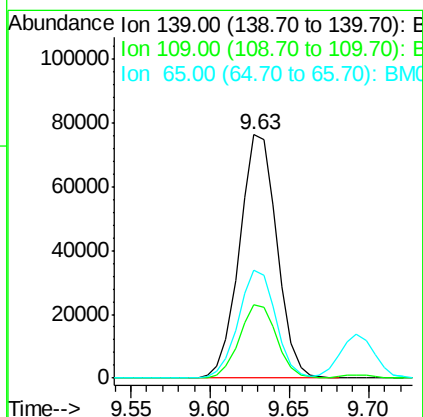
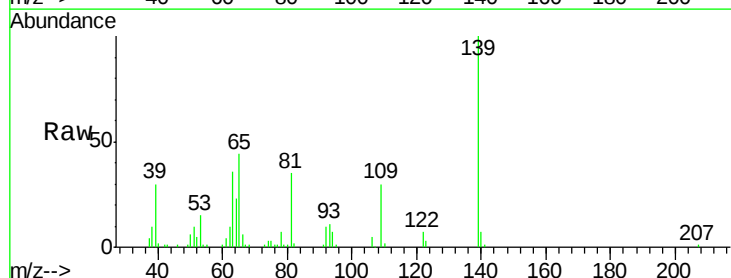
RT: 9.63 min Scan# 1112

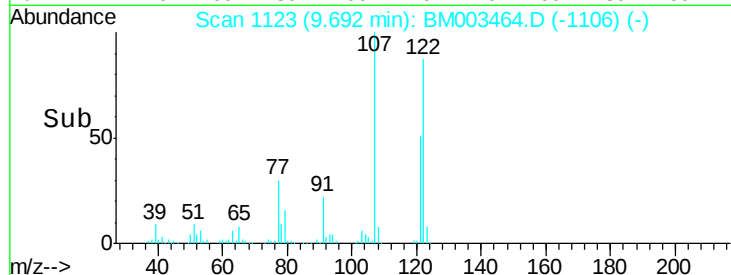
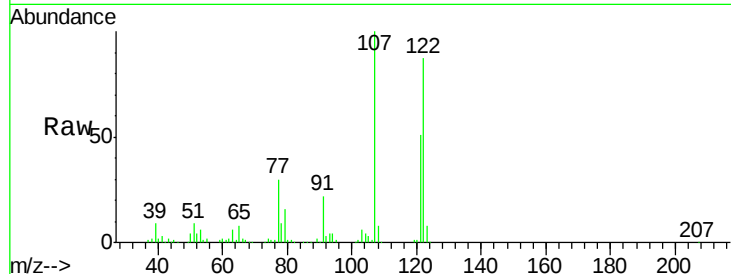
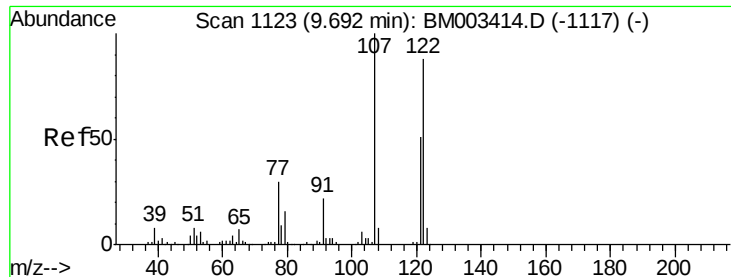
Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	139	Resp:	124947
Ion Ratio		Lower	Upper
139	100		
109	29.9	20.1	30.1
65	44.1	31.5	47.3





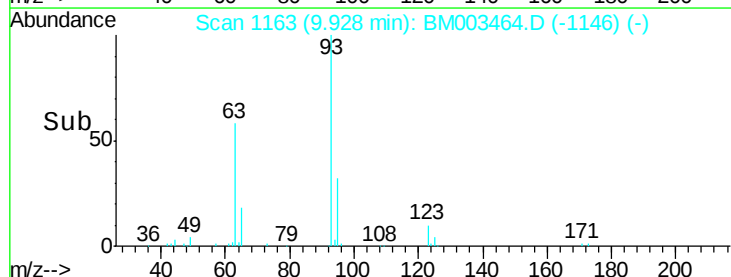
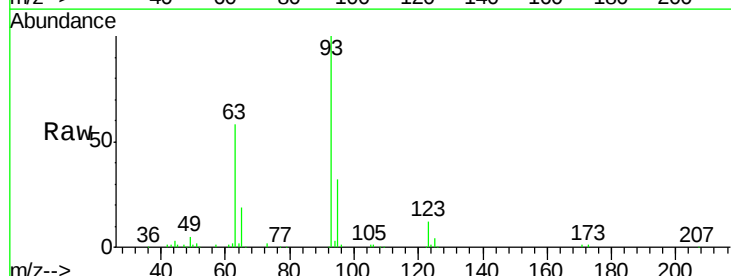
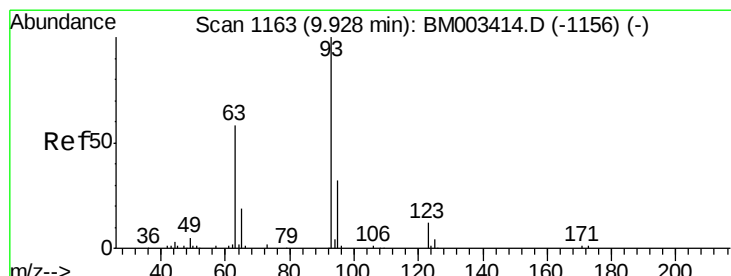
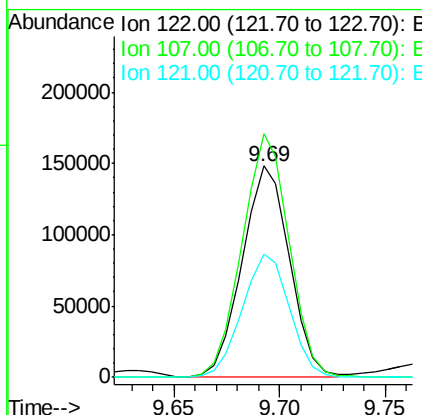
#27
2,4-Dimethylphenol
Concen: 47.85 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tot Ion	Ratio	Resp	Lower	Upper
122	100	228354		
107	115.3	84.7	127.1	
121	58.5	46.6	69.8	

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

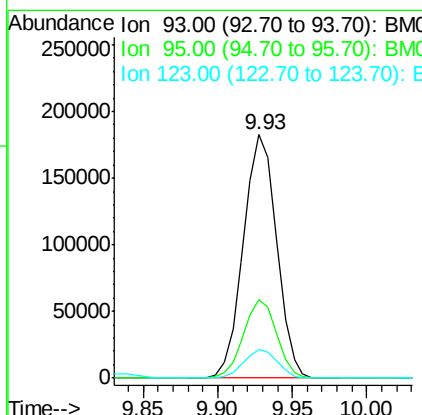
Manual Integrations
APPROVED

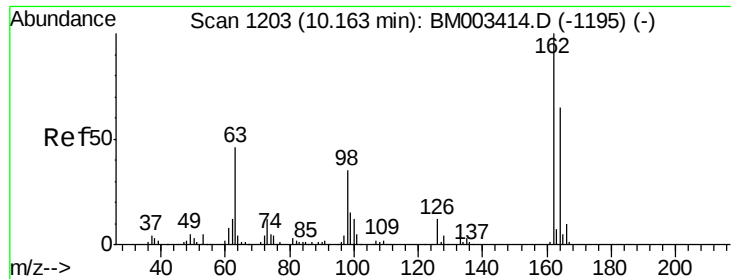
MMdadoda
12/11/2015 6:00:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.26 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281776		
95	32.1	25.5	38.3	
123	11.9	8.6	13.0	





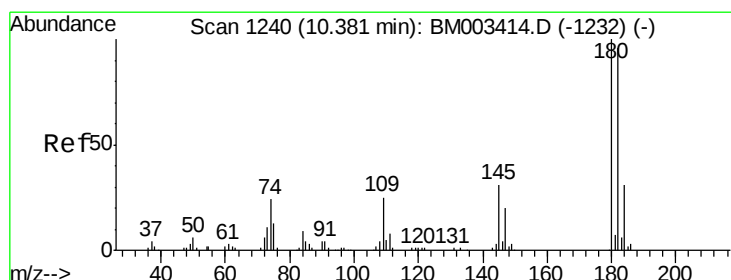
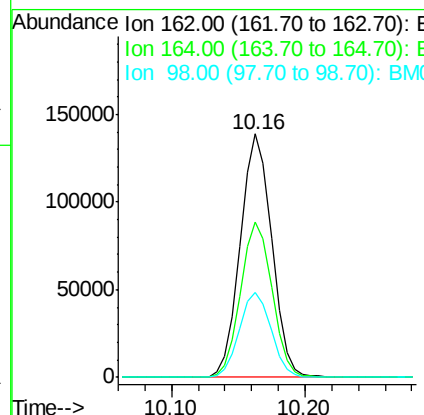
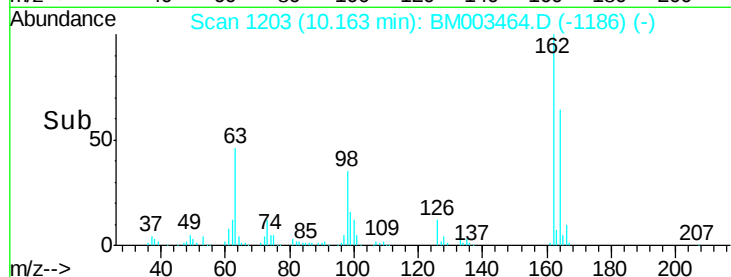
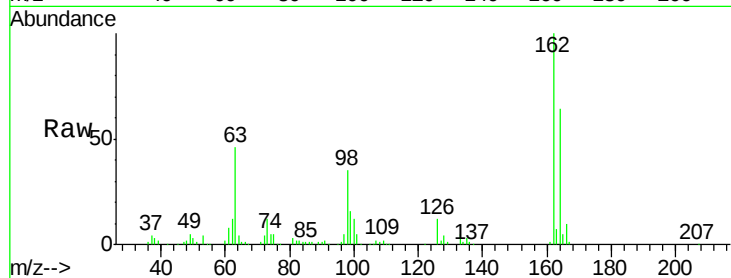
#29
2,4-Dichlorophenol
Concen: 49.97 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
162	100	227130		
164	64.0	42.8	82.8	
98	35.0	14.5	54.5	

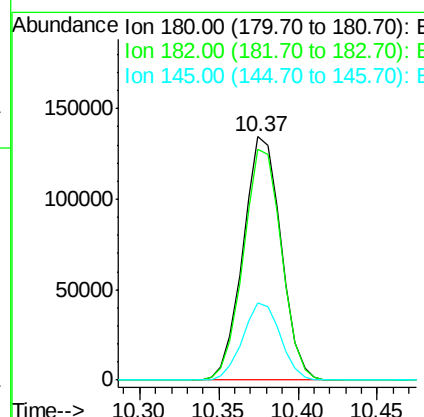
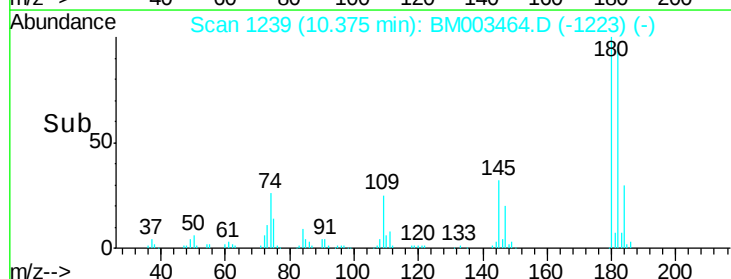
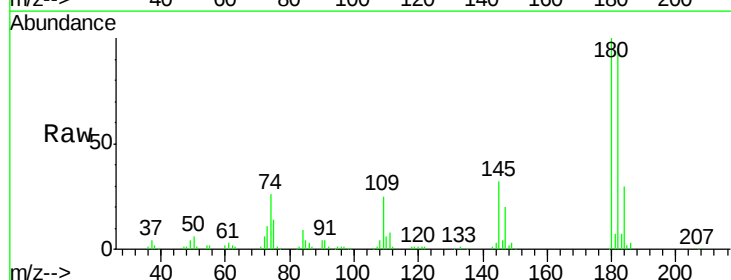
Manual Integrations
APPROVED

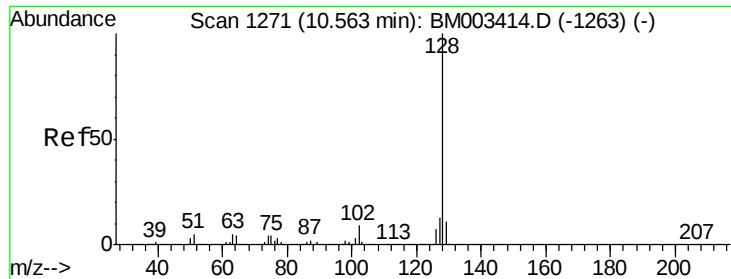
MMdadoda
12/11/2015 6:00:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.10 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223837		
182	94.6	77.6	116.4	
145	31.5	23.4	35.2	





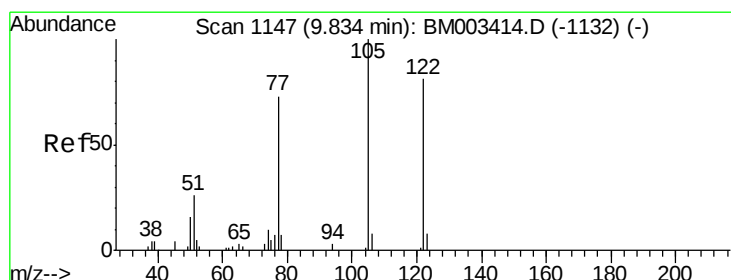
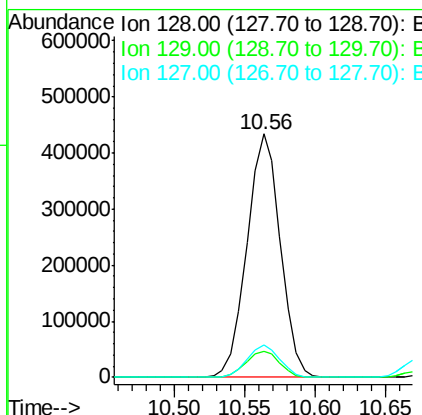
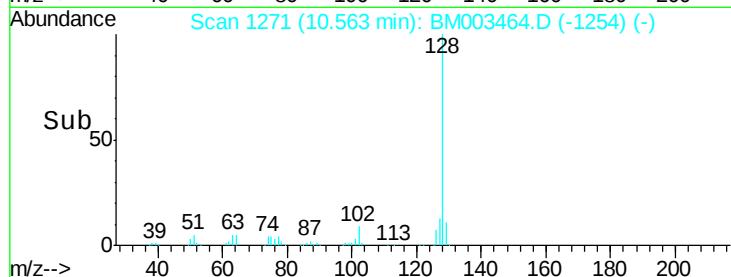
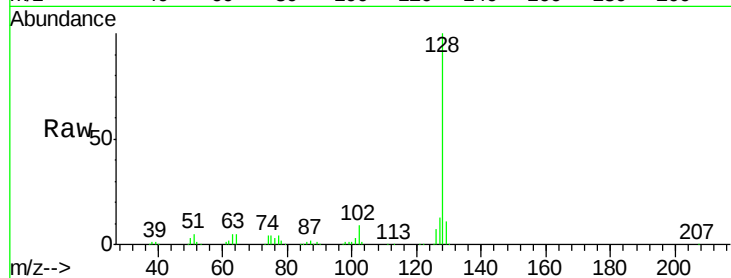
#31
Naphthalene
Concen: 44.11 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion:	128	Resp:	717231
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6

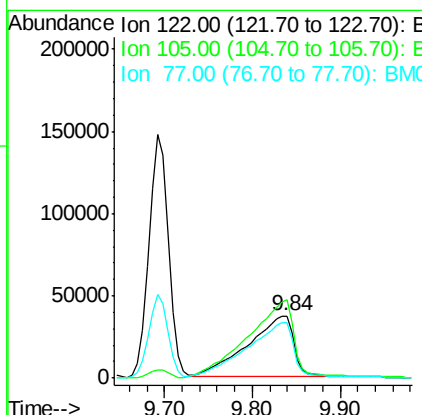
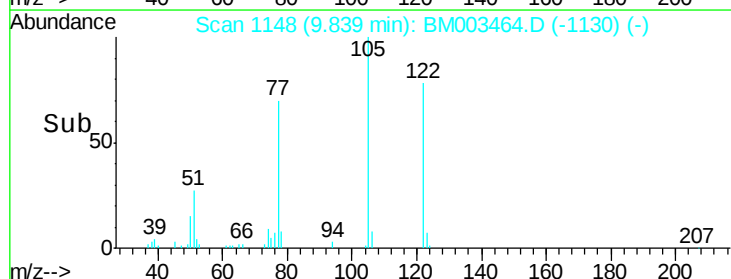
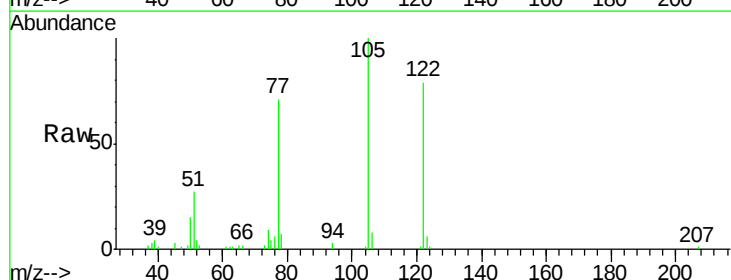
Manual Integrations
APPROVED

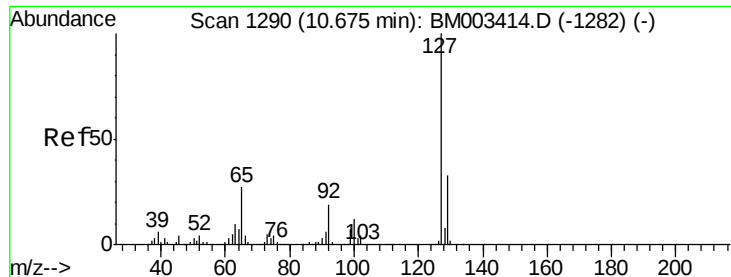
MMdadoda
12/11/2015 6:00:44 PM



#32
Benzoic acid
Concen: 45.64 ng m
RT: 9.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion:	122	Resp:	134957
Ion Ratio	Lower	Upper	
122	100		
105	126.6	99.9	139.9
77	89.3	73.7	113.7





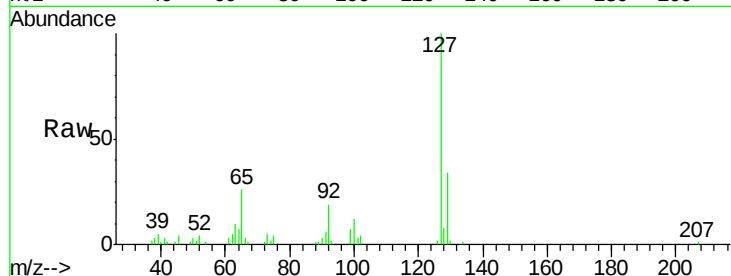
#33
4-Chloroaniline
Concen: 8.95 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

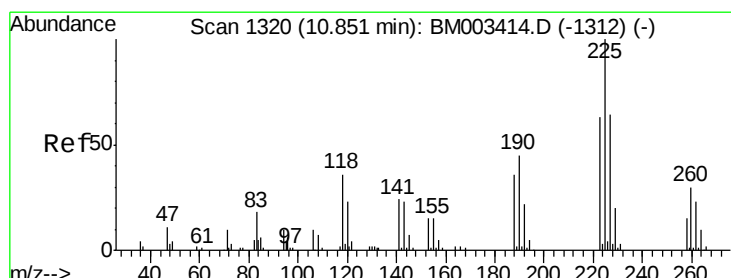
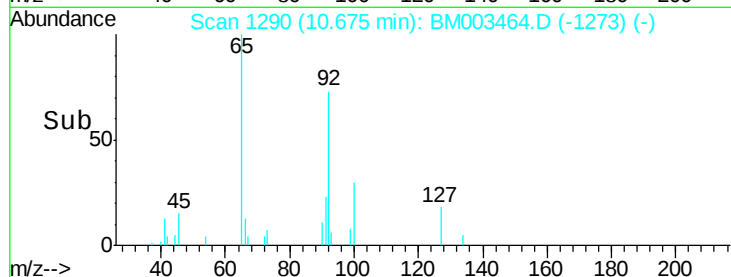
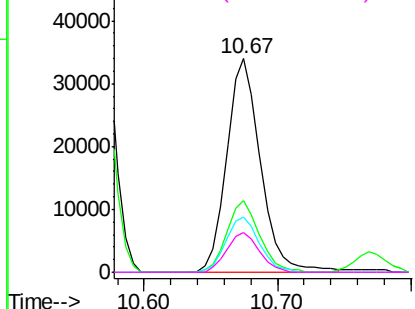
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		60075		
129	33.7	25.3	37.9		
65	25.6	17.6	26.4		
92	18.8	13.1	19.7		

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM

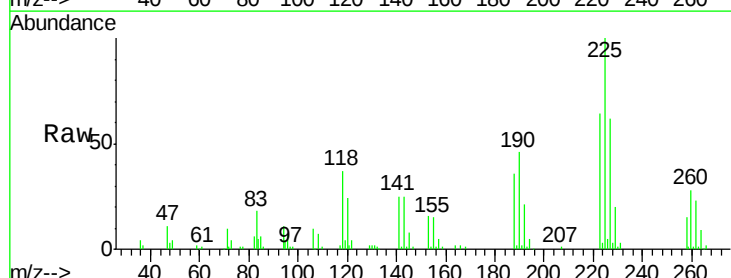


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

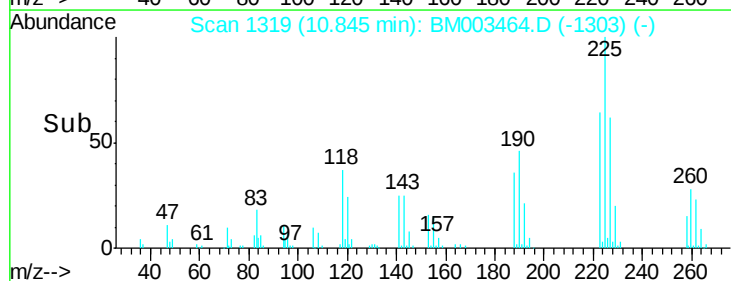
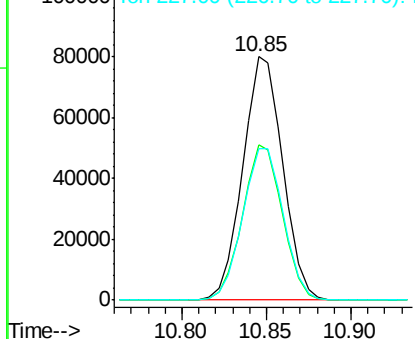


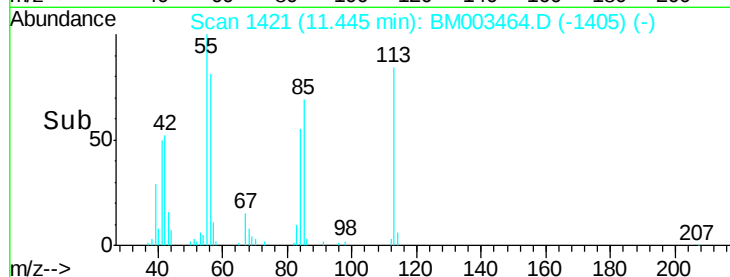
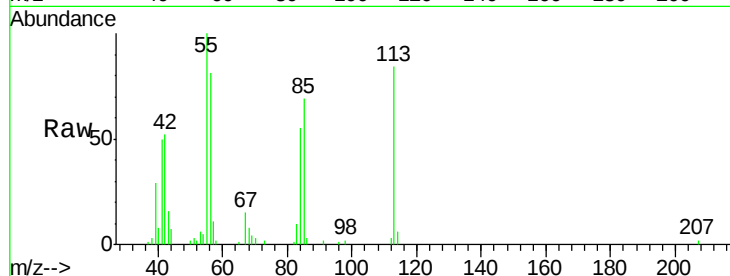
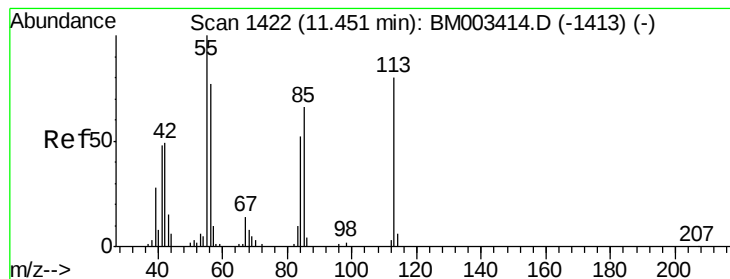
#34
Hexachlorobutadiene
Concen: 43.57 ng
RT: 10.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		131121		
223	63.8	47.9	71.9		
227	62.3	50.1	75.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.46 ng/mL

RT: 11.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

ClientSampleId :

IDOC-W-03

Tot Ion: 113 Resp: 66820

Ion Ratio Lower Upper

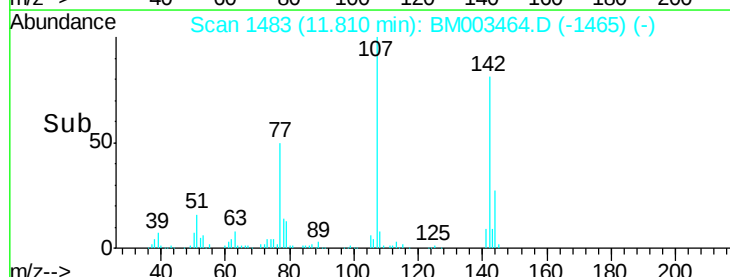
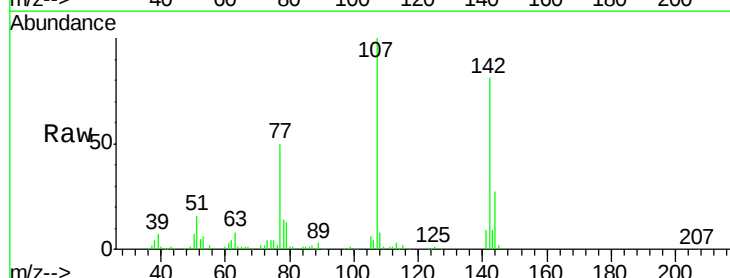
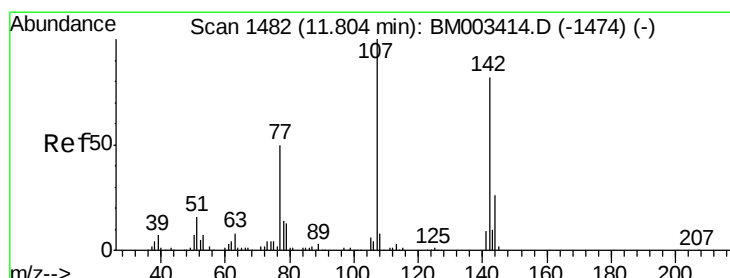
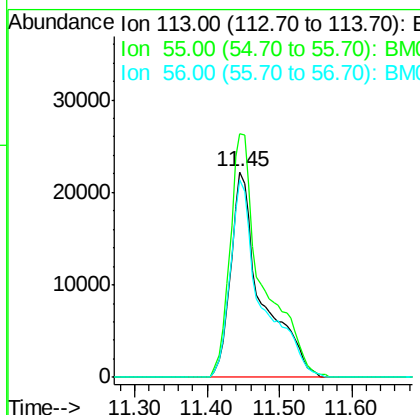
113 100

55 118.6 145.9 185.9#

56 96.4 101.0 141.0#

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#36

4-Chloro-3-methylphenol

Concen: 45.87 ng/mL

RT: 11.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

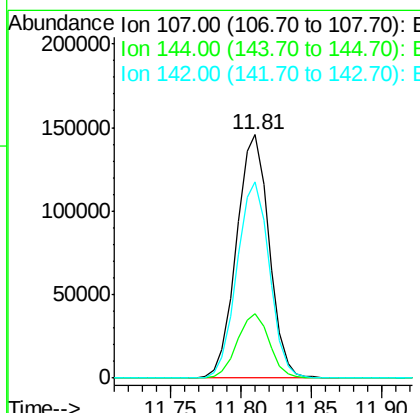
Tgt Ion: 107 Resp: 235140

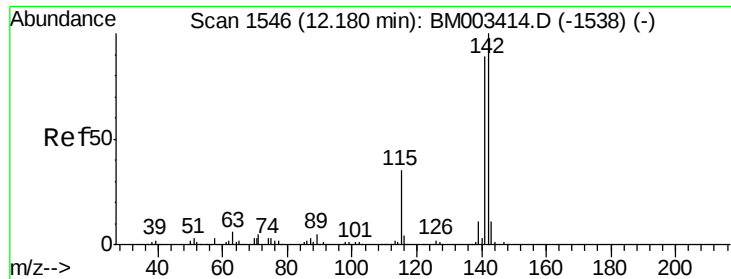
Ion Ratio Lower Upper

107 100

144 26.7 23.3 34.9

142 80.8 72.6 109.0





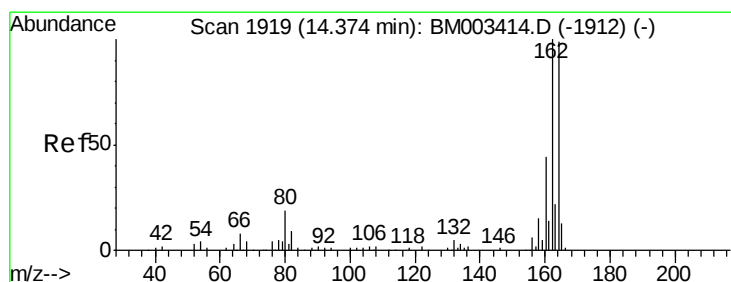
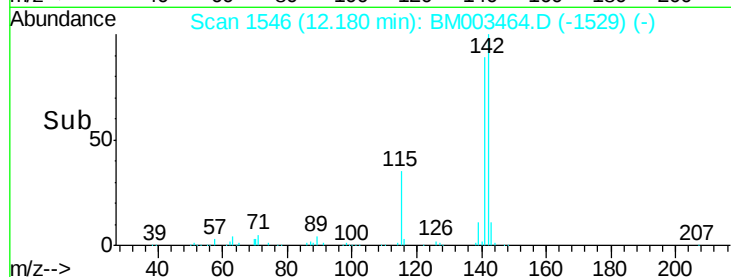
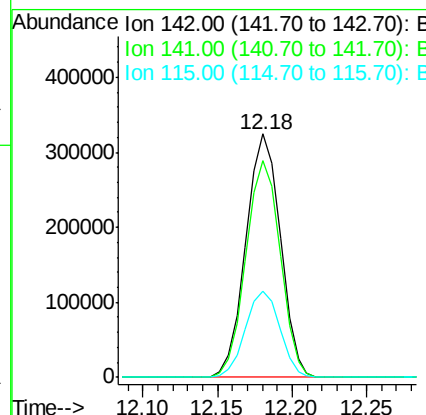
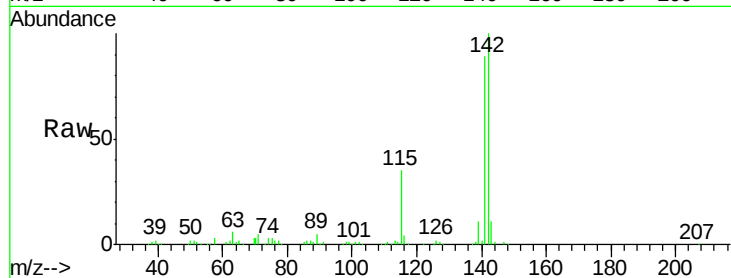
#37
2-Methylnaphthalene
Concen: 46.54 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	35.5	25.4	38.0

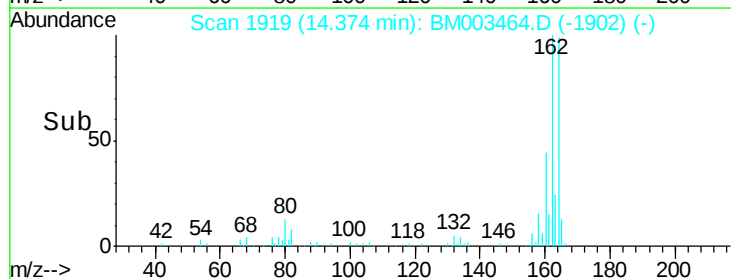
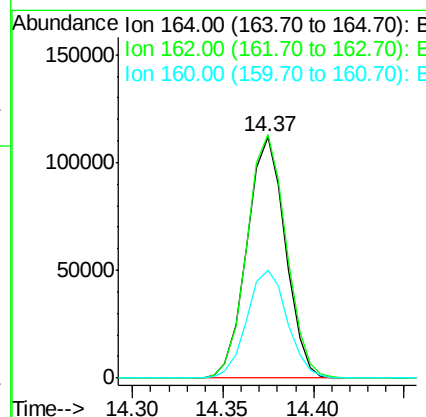
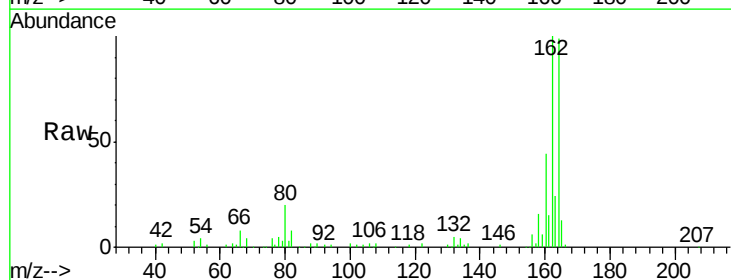
Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	44.7	35.8	53.6





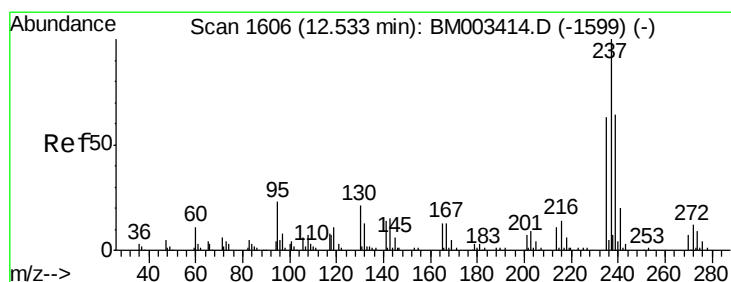
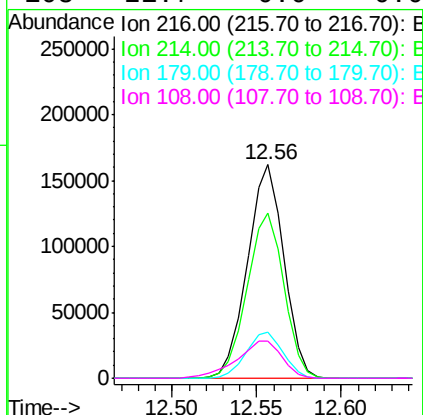
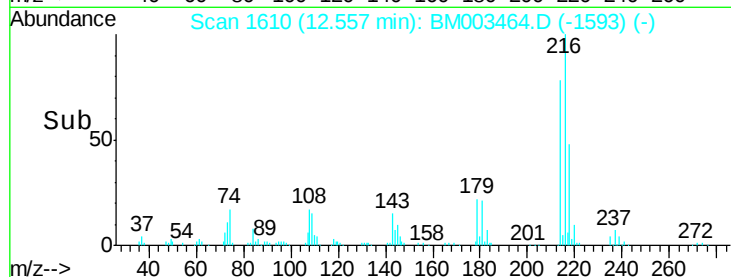
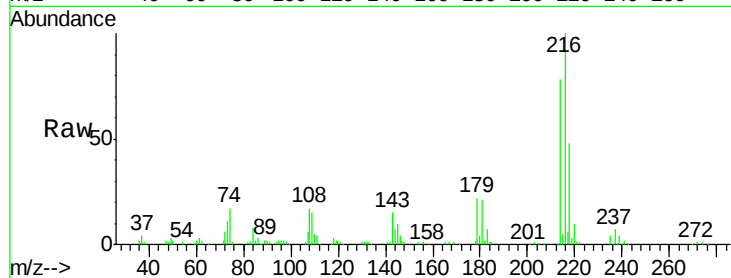
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.05 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	21.8	0.0	0.0#
108	21.7	0.0	0.0#

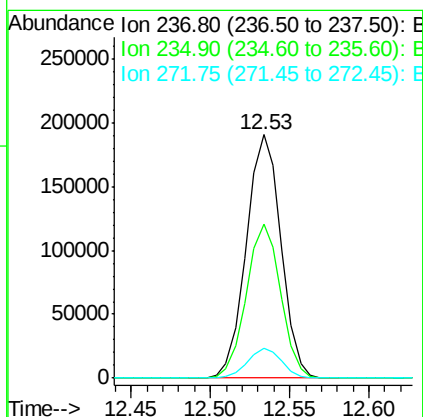
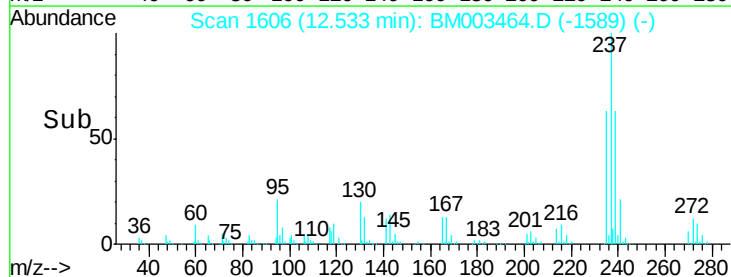
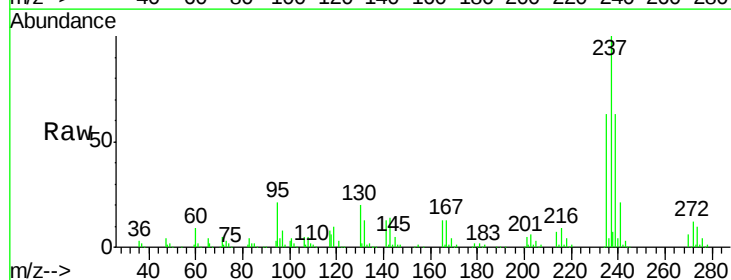
Manual Integrations
 APPROVED

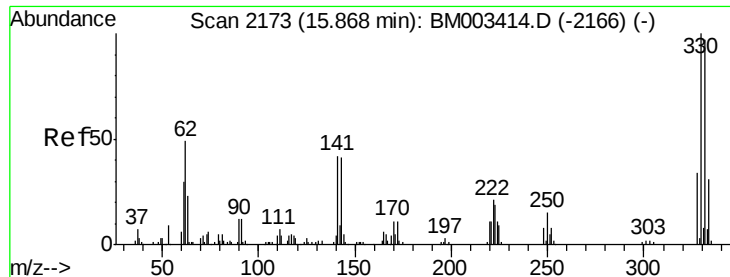
MMdadoda
 12/11/2015 6:00:44 PM



#40
 Hexachlorocyclopentadiene
 Concen: 98.14 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.0	82.0
272	12.2	0.0	33.4





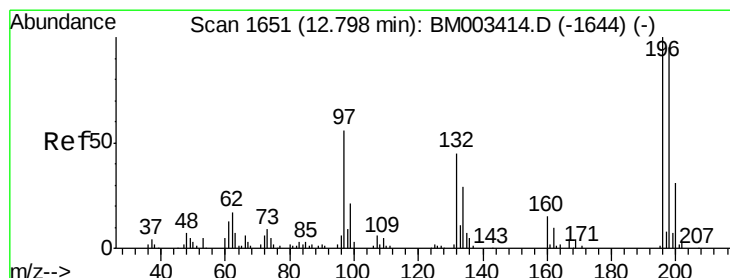
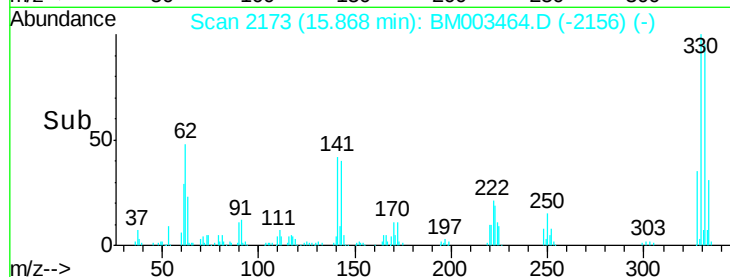
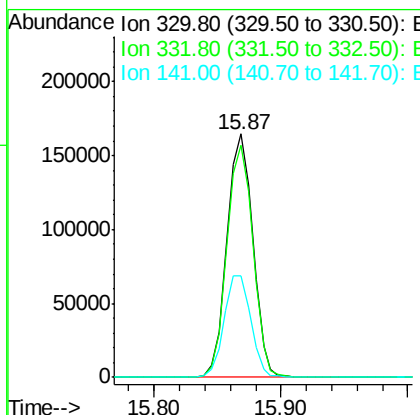
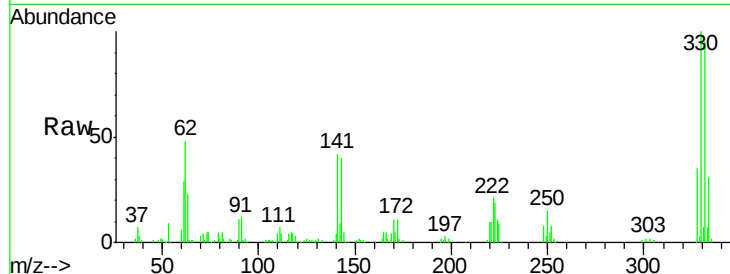
#41
 2,4,6-Tribromophenol
 Concen: 141.91 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	0.0	0.0	0.0
141	43.3	0.0	0.0	0.0

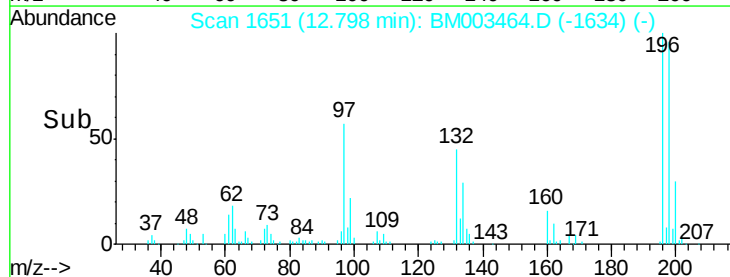
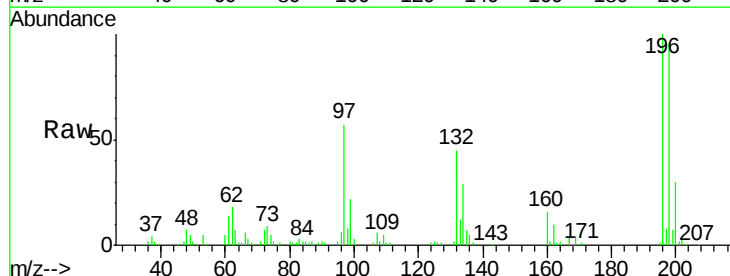
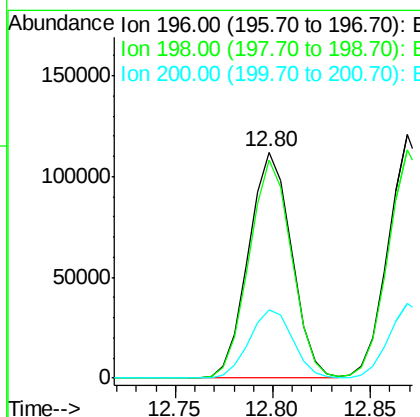
Manual Integrations
 APPROVED

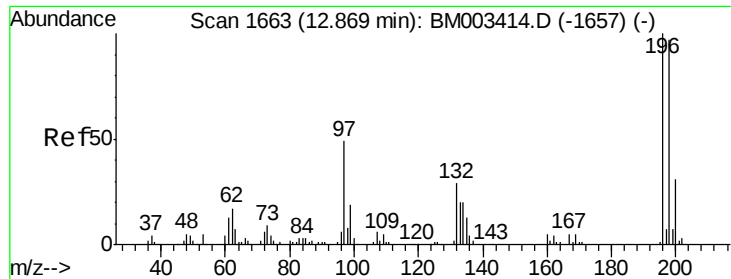
MMdadoda
 12/11/2015 6:00:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.69 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	76.3	114.5	
200	30.2	25.6	38.4	





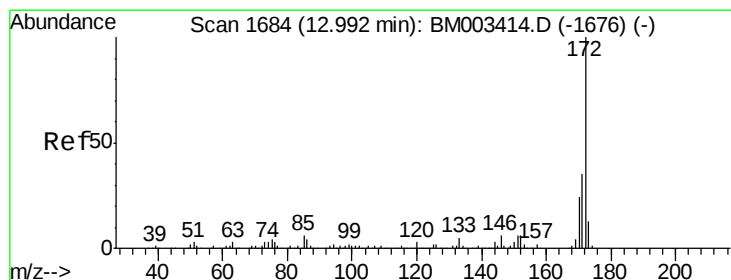
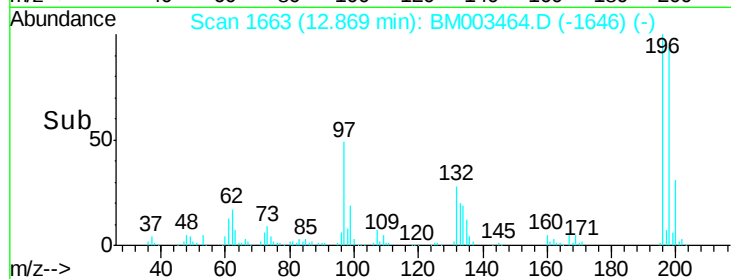
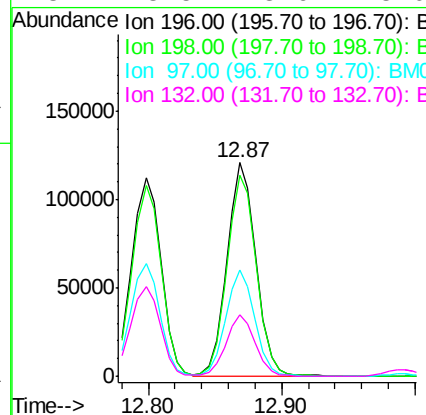
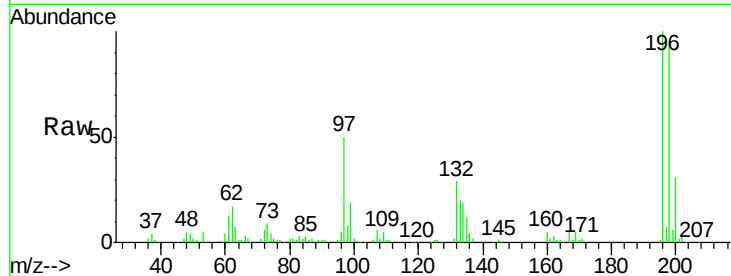
#43
 2,4,5-Trichlorophenol
 Concen: 50.76 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183911		
198	93.8	79.4	119.0	
97	49.7	26.8	40.2	
132	28.5	18.6	28.0	

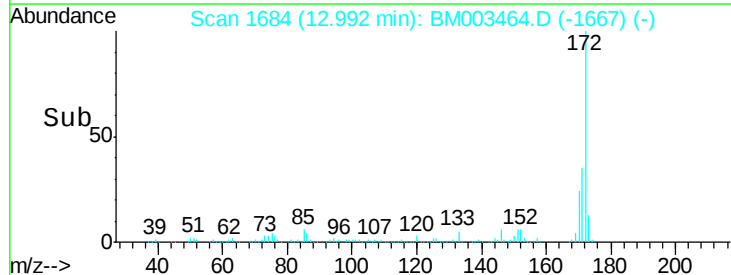
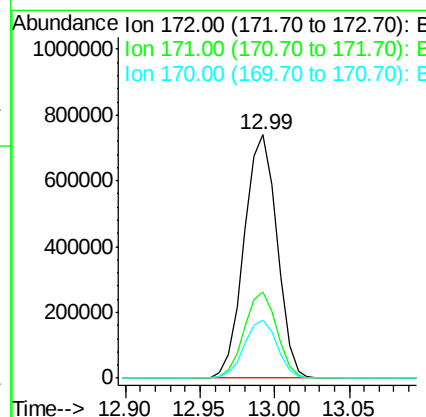
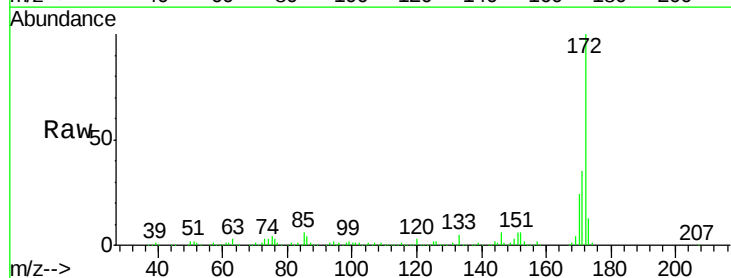
Manual Integrations
 APPROVED

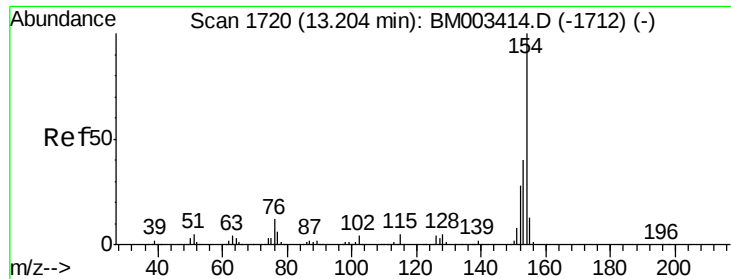
MMdadoda
 12/11/2015 6:00:44 PM



#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1130183		
171	35.4	28.5	42.7	
170	23.7	18.8	28.2	





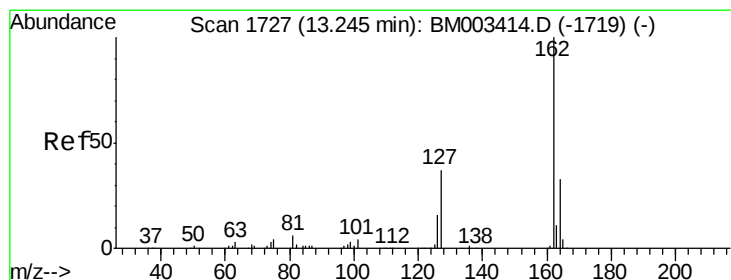
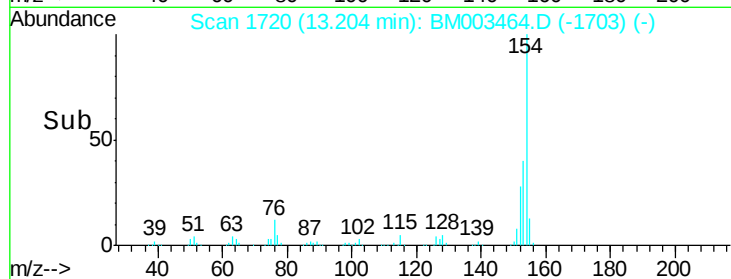
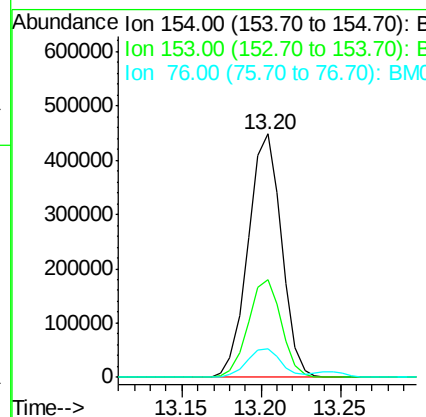
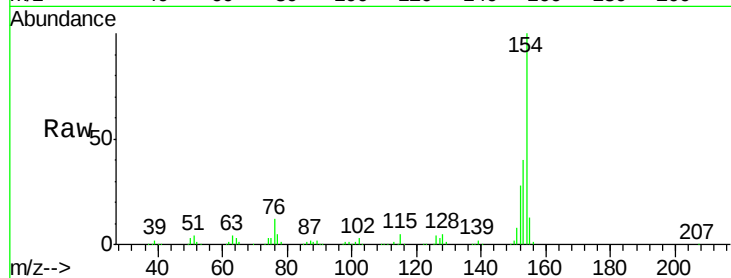
#45
 1,1'-Biphenyl
 Concen: 44.95 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	11.6	0.0	30.9

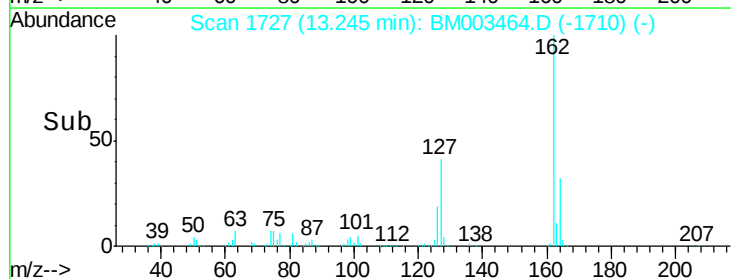
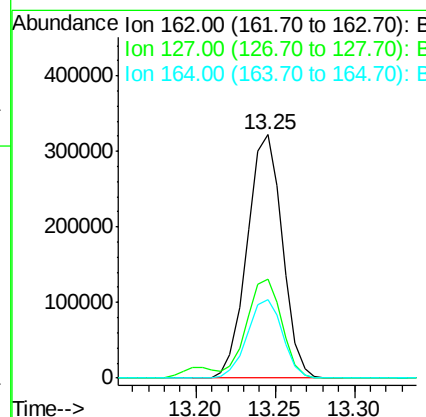
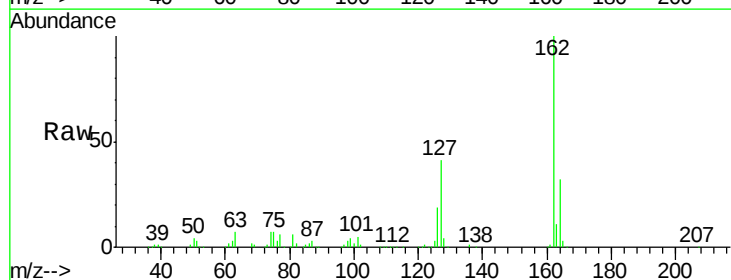
Manual Integrations
 APPROVED

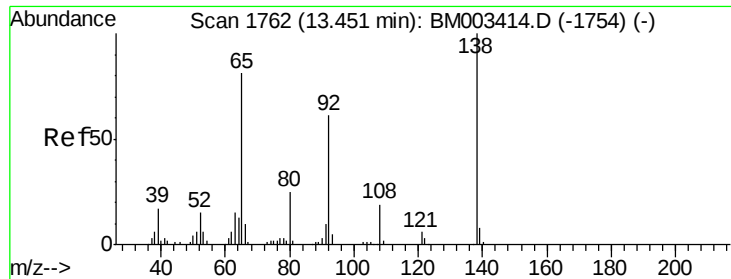
MMdadoda
 12/11/2015 6:00:44 PM



#46
 2-Chloronaphthalene
 Concen: 46.35 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	26.9	40.3#
164	32.5	26.8	40.2





#47

2-Nitroaniline

Concen: 46.90 ng

RT: 13.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BM003464.D

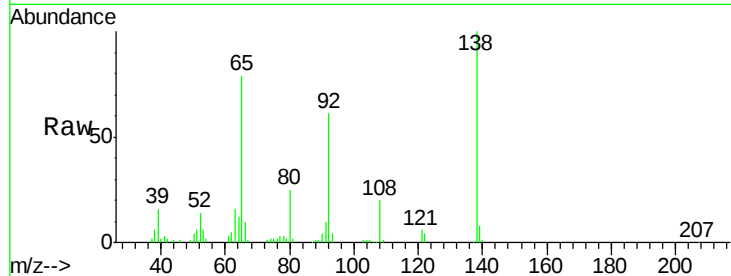
Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

ClientSampleId :

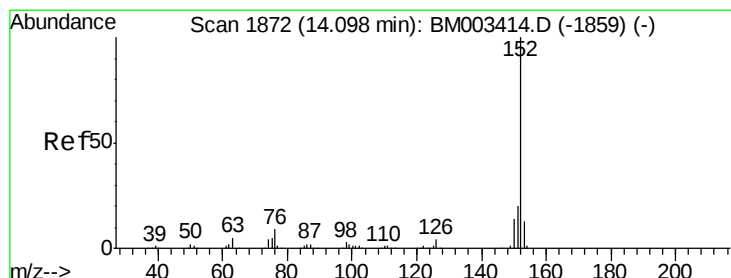
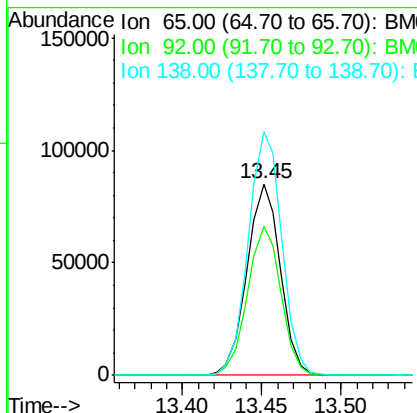
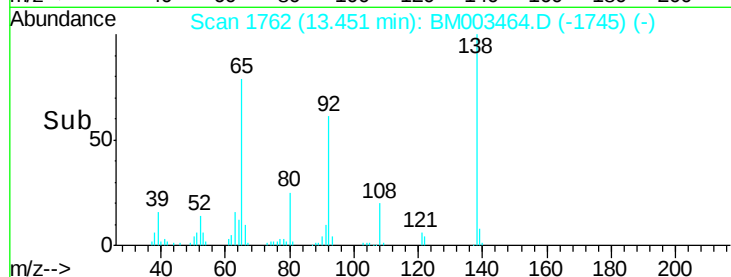
IDOC-W-03



Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		124580		
92	77.7	59.1	88.7		
138	127.1	93.9	140.9		

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#48

Acenaphthylene

Concen: 45.70 ng

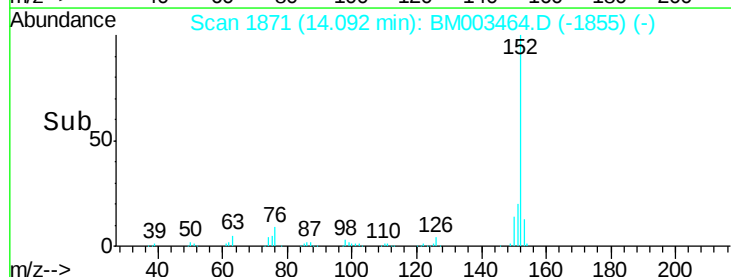
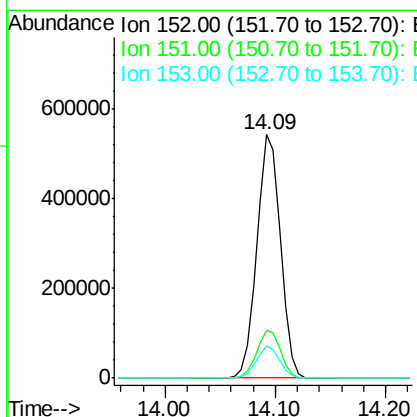
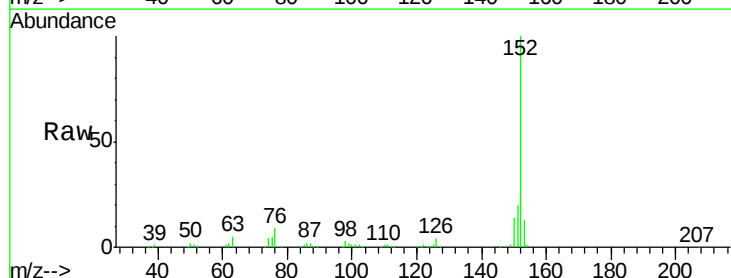
RT: 14.09 min Scan# 1871

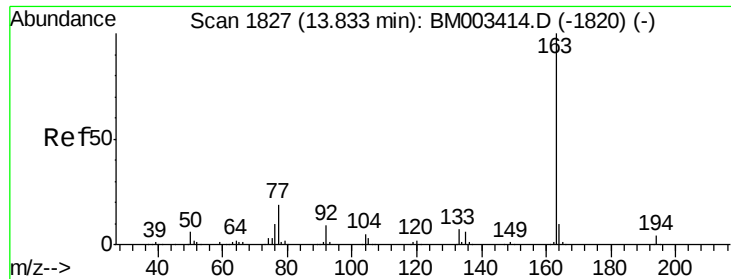
Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		816001		
151	19.7	15.9	23.9		
153	13.1	10.6	16.0		





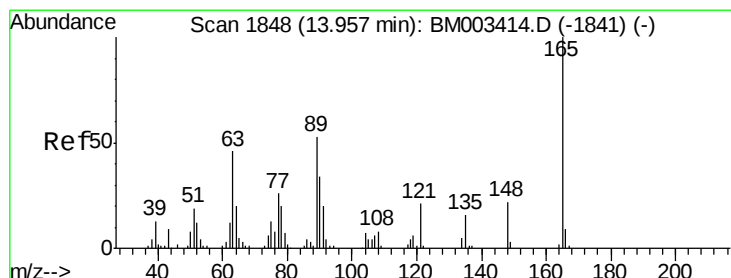
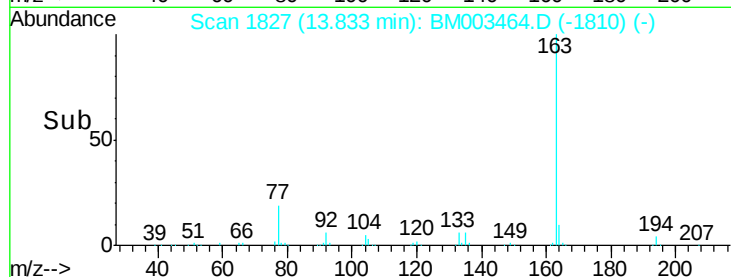
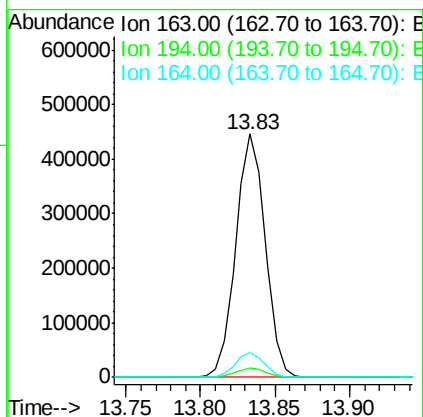
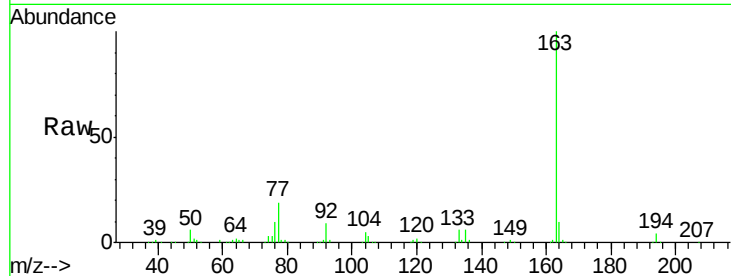
#49
Dimethylphthalate
Concen: 45.28 ng
RT: 13.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
163	100	613473		
194	4.0		2.7	4.1
164	10.2		8.2	12.2

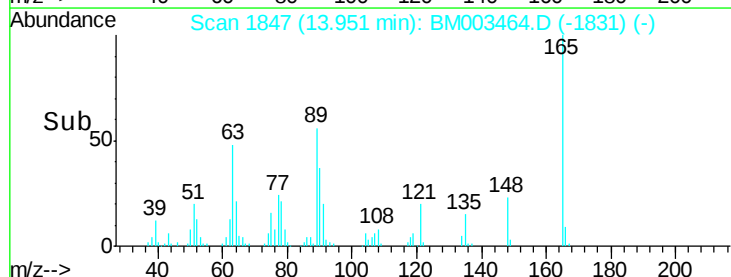
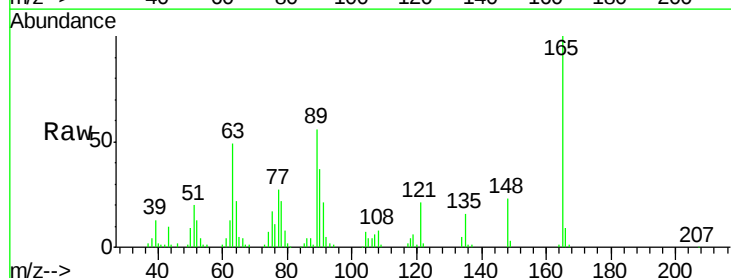
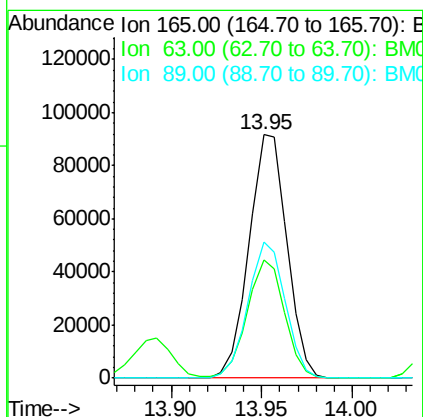
Manual Integrations
APPROVED

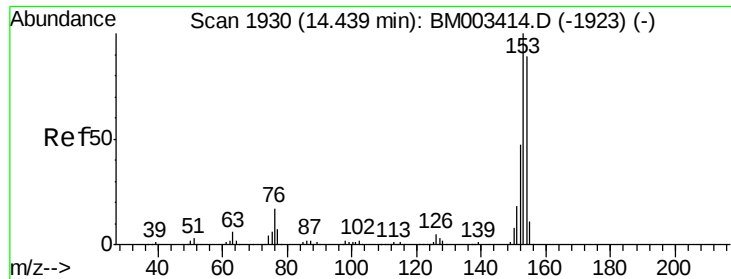
MMdadoda
12/11/2015 6:00:44 PM



#50
2,6-Dinitrotoluene
Concen: 47.16 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133301		
63	48.5		44.1	66.1
89	55.7		44.3	66.5





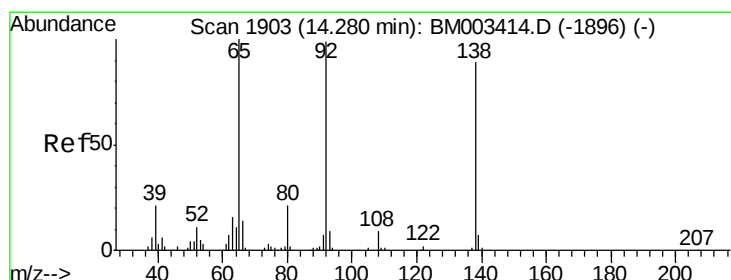
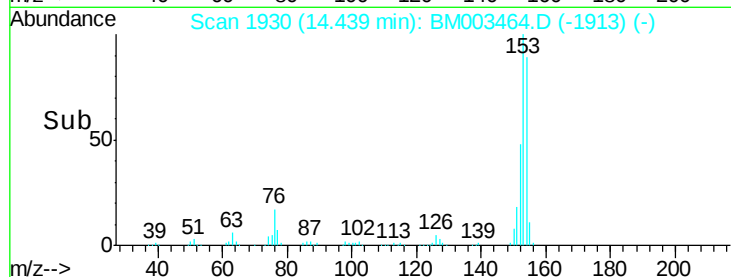
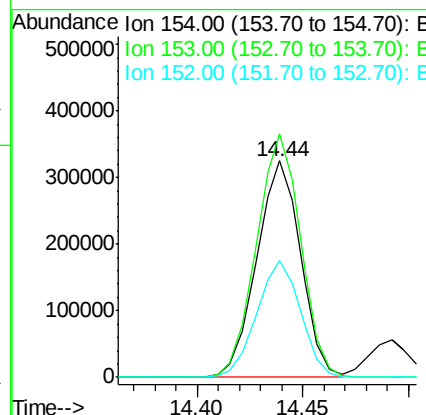
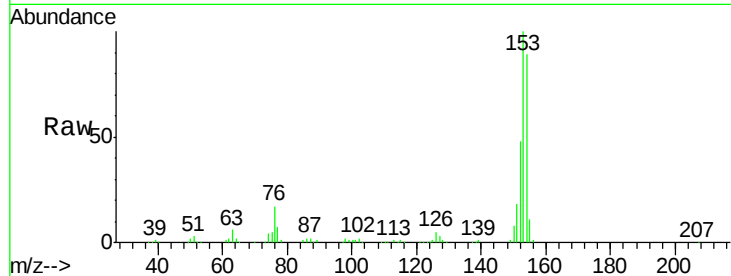
#51
Acenaphthene
Concen: 45.49 ng
RT: 14.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	54.0	42.6	63.8

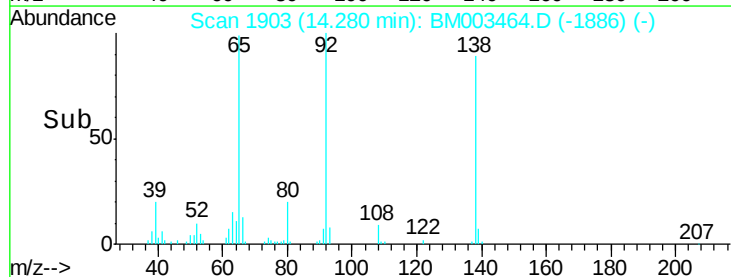
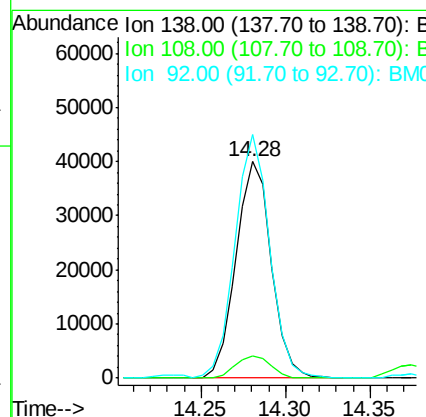
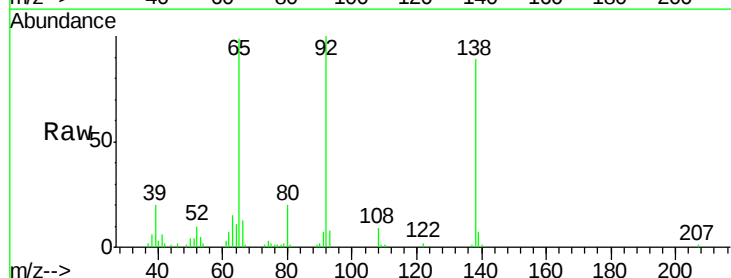
Manual Integrations
APPROVED

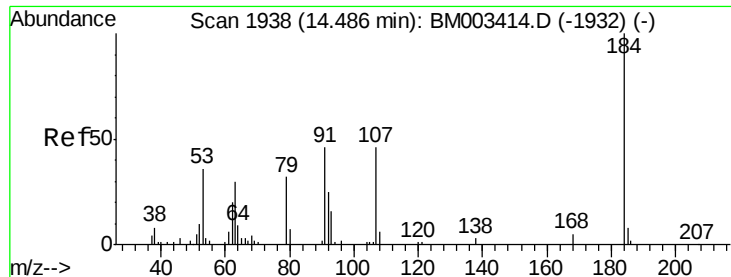
MMdadoda
12/11/2015 6:00:44 PM



#52
3-Nitroaniline
Concen: 20.09 ng
RT: 14.28 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.3	10.9
92	112.6	76.6	114.8





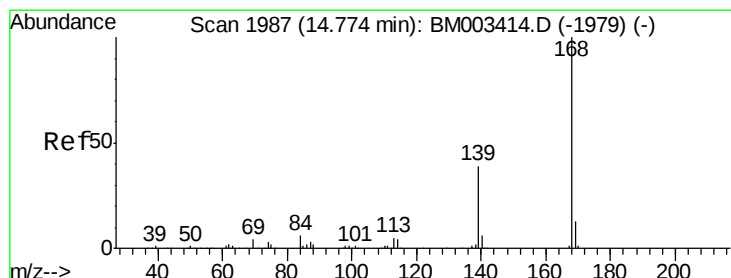
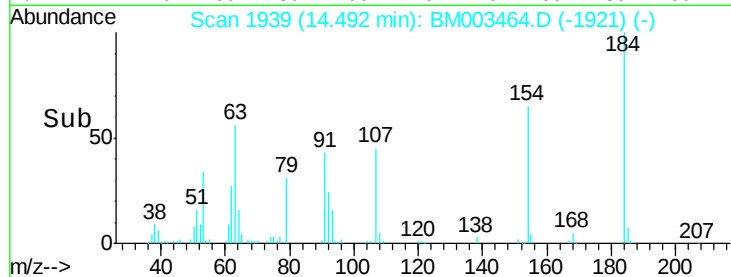
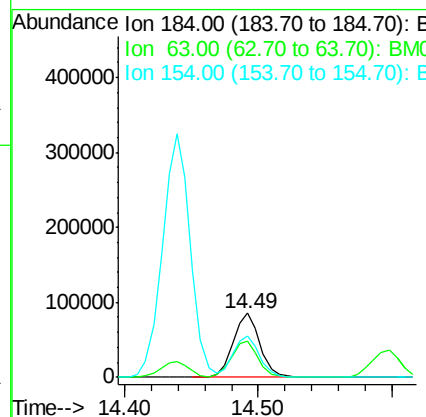
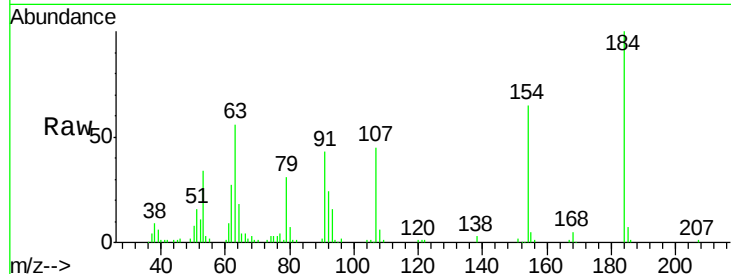
#53
2,4-Dinitrophenol
Concen: 75.27 ng
RT: 14.49 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.2	69.2	103.8	
154	65.4	53.3	79.9	

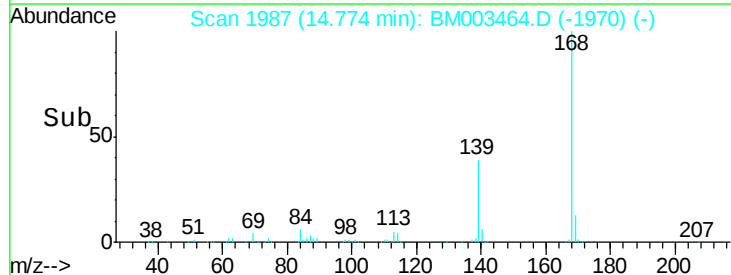
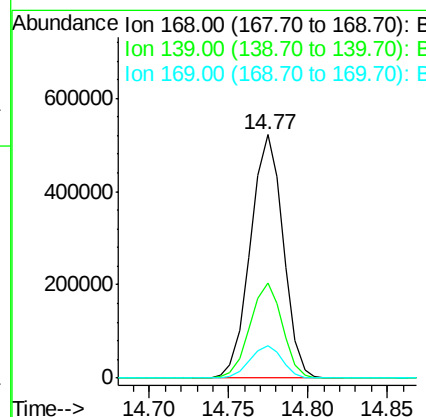
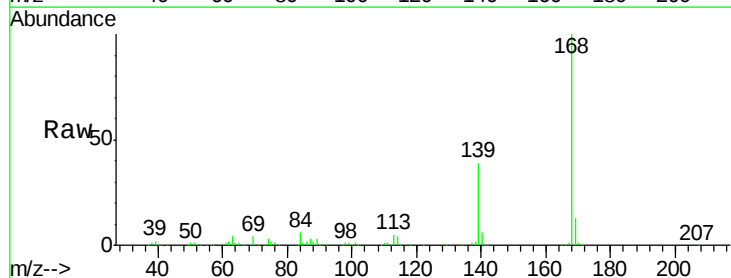
Manual Integrations
APPROVED

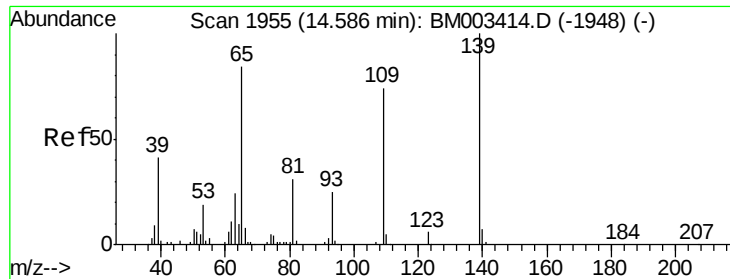
MMdadoda
12/11/2015 6:00:44 PM



#54
Dibenzofuran
Concen: 50.07 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	27.3	40.9	
169	13.4	10.6	16.0	





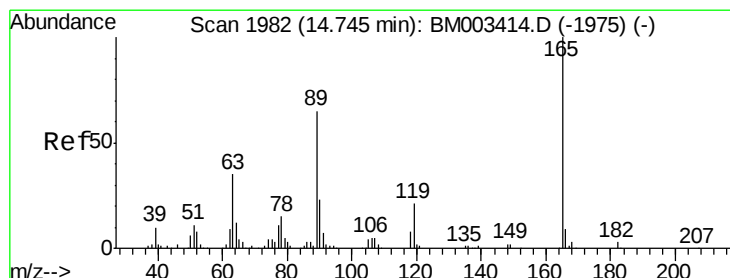
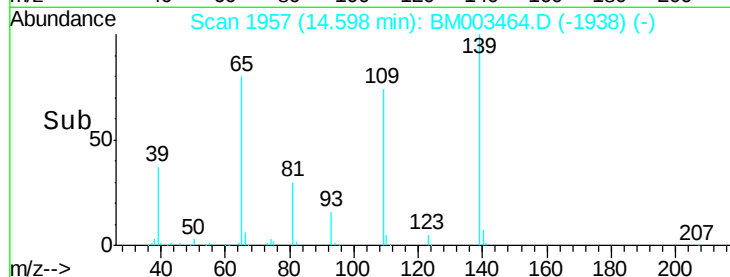
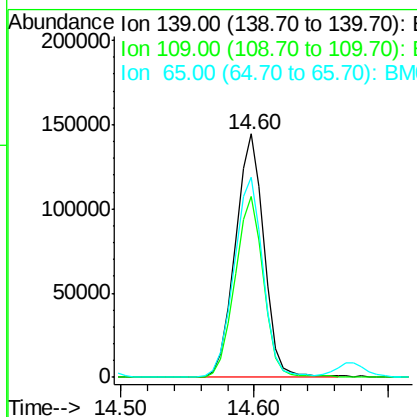
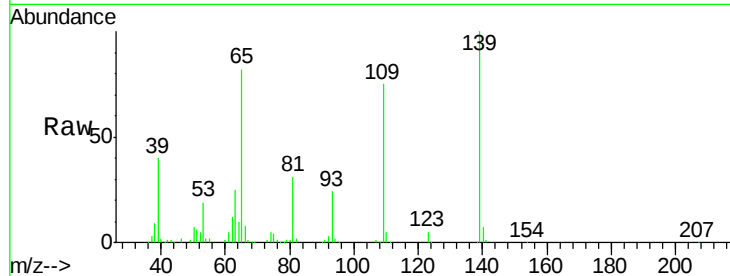
#55
4-Nitrophenol
Concen: 90.25 ng
RT: 14.60 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
139	100	215588		
109	74.6	37.7	77.7	
65	82.0	49.9	89.9	

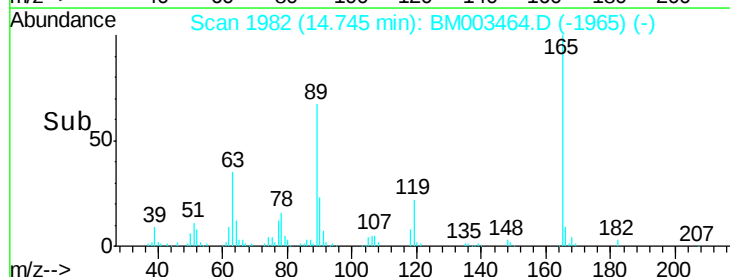
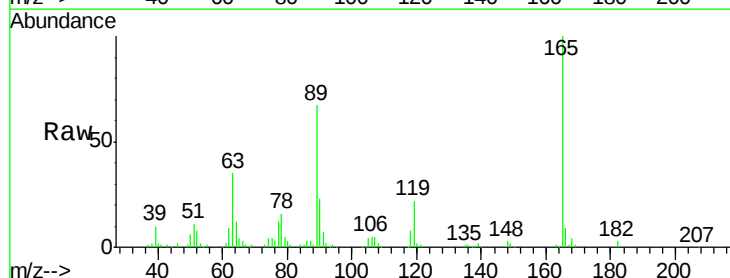
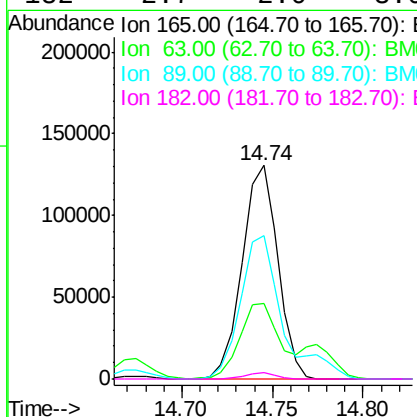
Manual Integrations
APPROVED

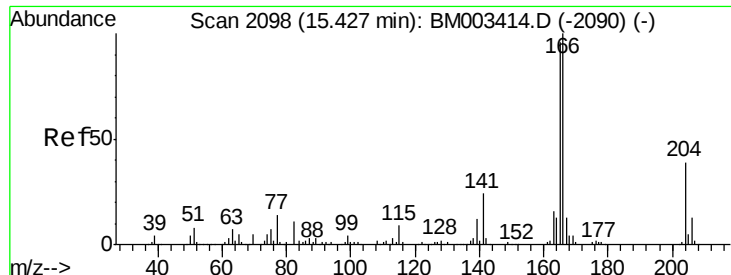
MMdadoda
12/11/2015 6:00:44 PM



#56
2,4-Dinitrotoluene
Concen: 48.88 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179271		
63	35.4	52.4	78.6#	
89	67.0	72.4	108.6#	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 45.77 ng

RT: 15.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

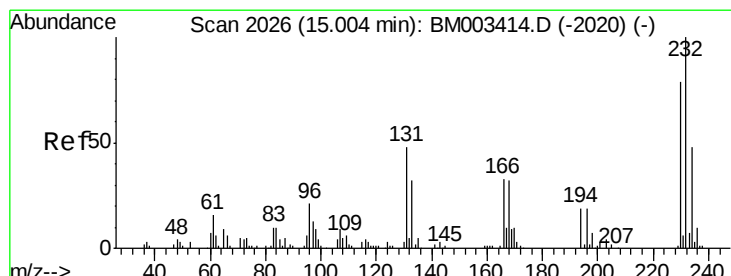
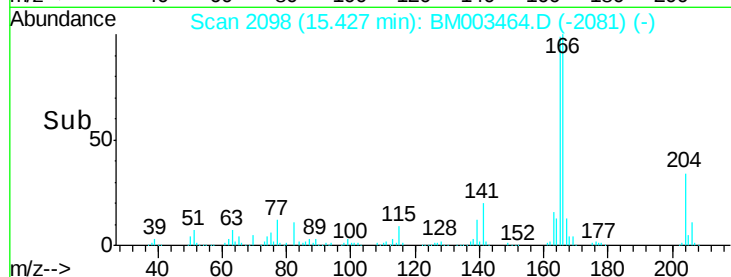
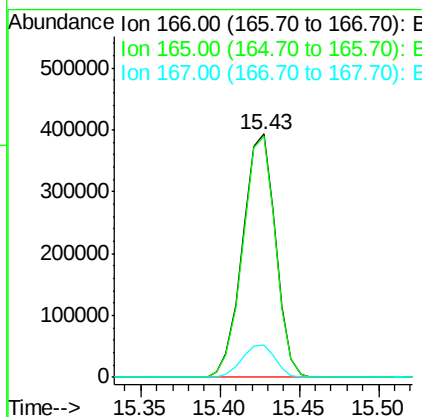
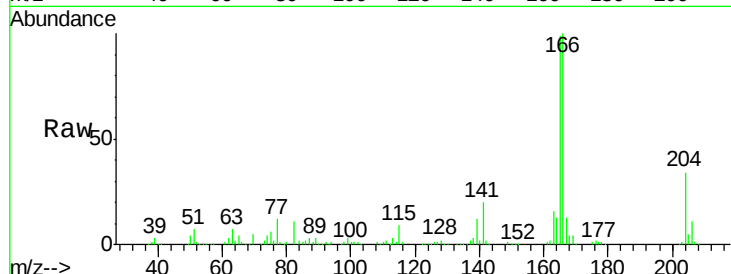
ClientSampleId :

IDOC-W-03

Tot Ion:	166	Resp:	566999
Ion Ratio		Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.3	10.3	15.5

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.14 ng

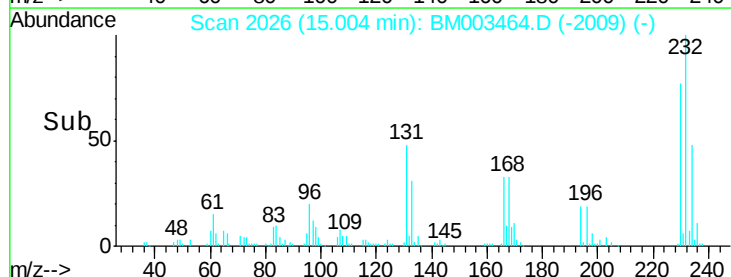
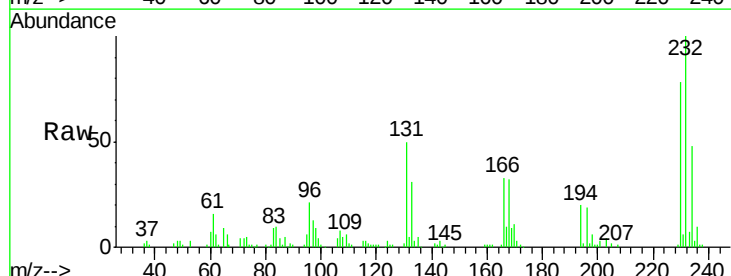
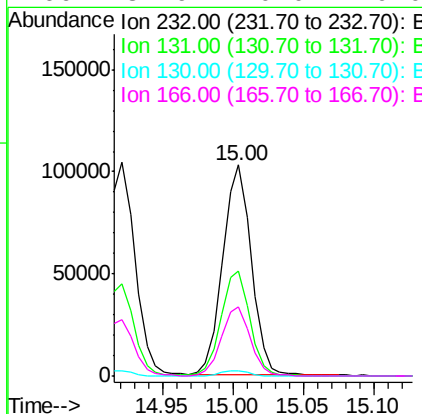
RT: 15.00 min Scan# 2026

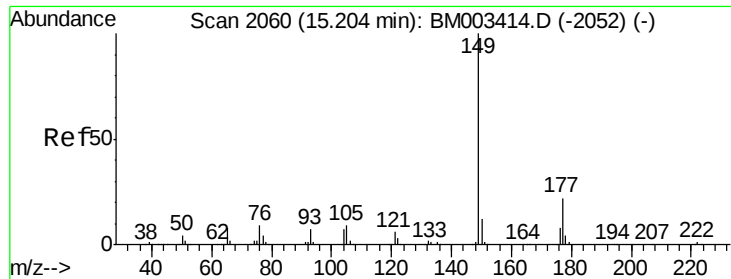
Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	232	Resp:	145212
Ion Ratio		Lower	Upper
232	100		
131	50.3	0.0	0.0#
130	2.5	0.0	0.0#
166	32.9	0.0	0.0#





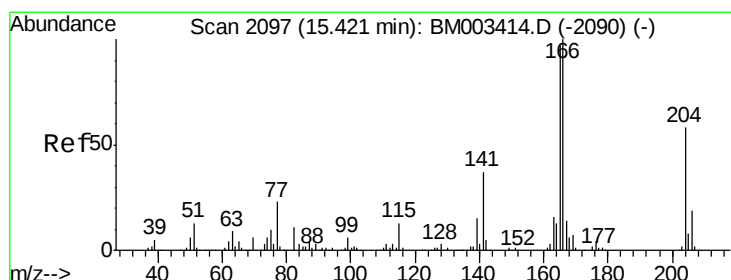
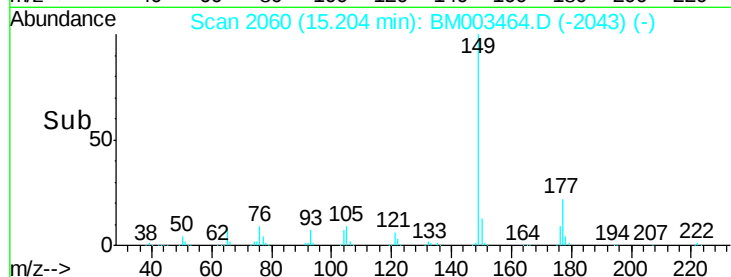
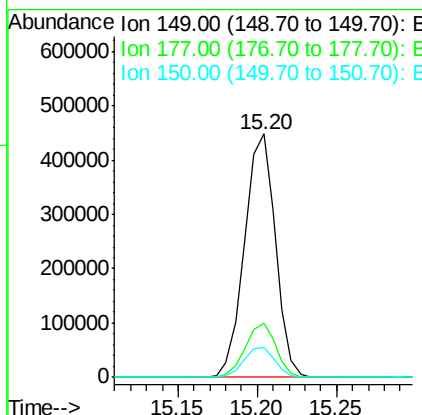
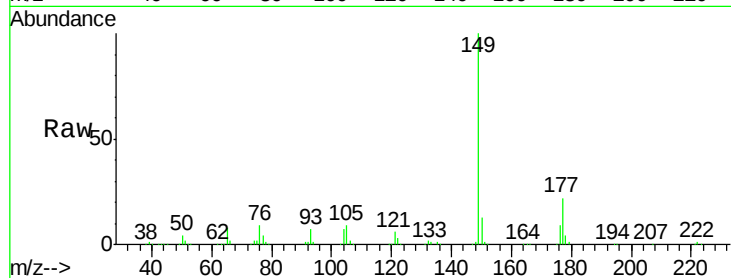
#59
Diethylphthalate
Concen: 45.49 ng
RT: 15.20 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.3	27.5
150	12.5	9.8	14.8

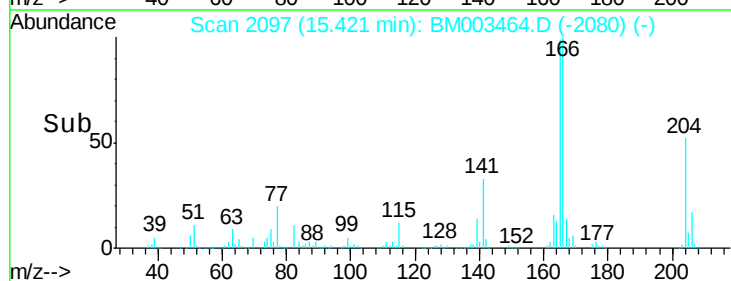
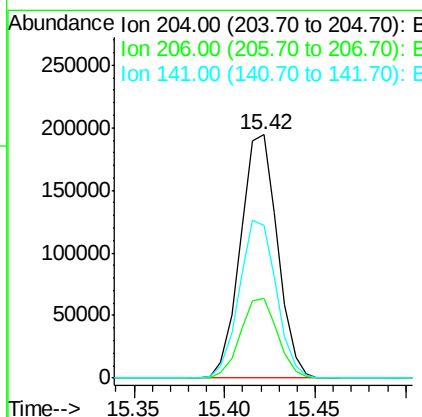
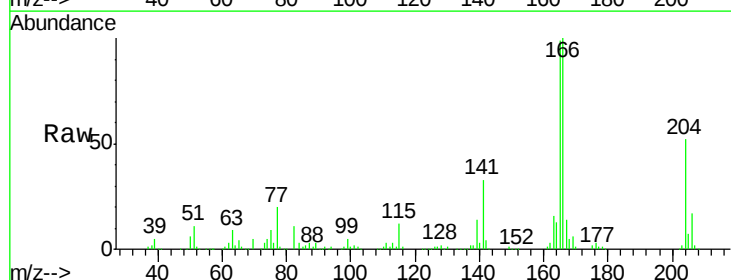
Manual Integrations
APPROVED

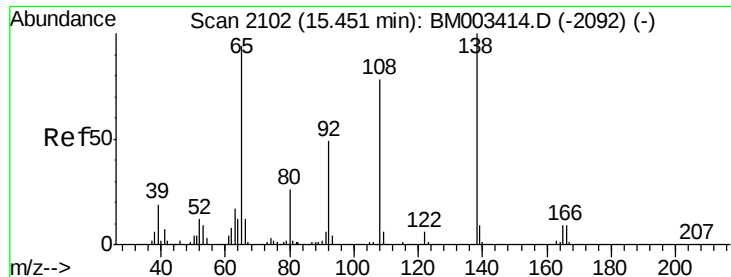
MMdadoda
12/11/2015 6:00:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.04 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	62.8	45.2	67.8





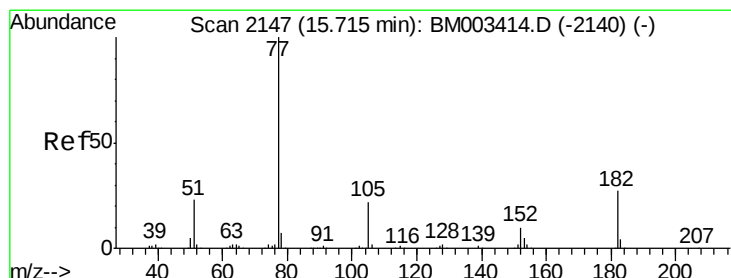
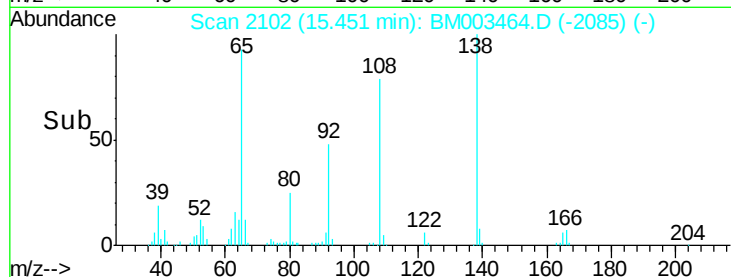
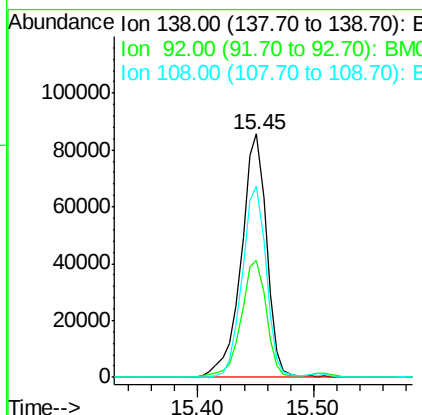
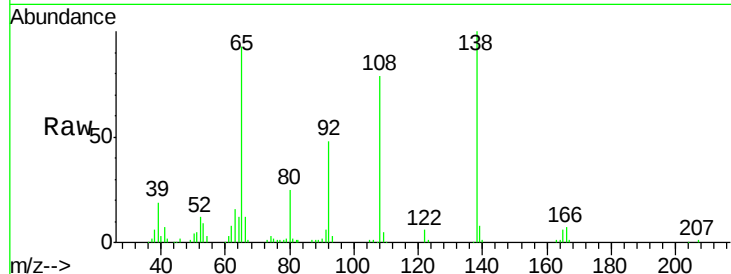
#61
4-Nitroaniline
Concen: 44.43 ng
RT: 15.45 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampled :
IDOC-W-03

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	16.7	56.7
108	78.6	37.6	77.6

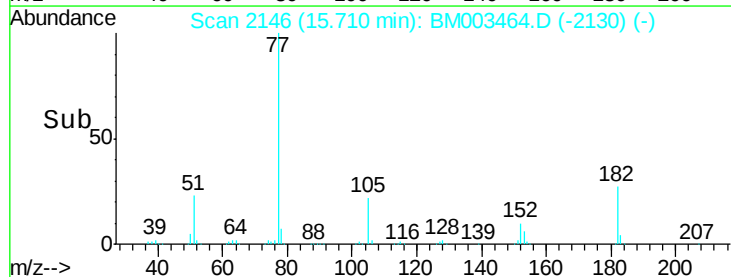
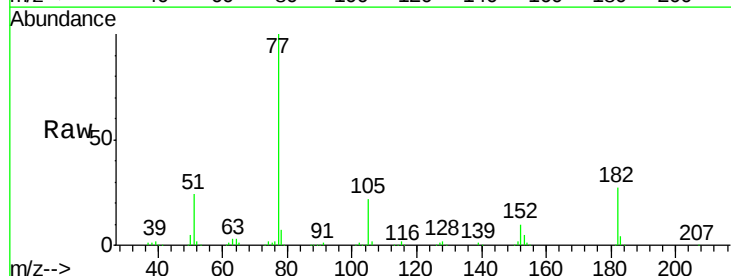
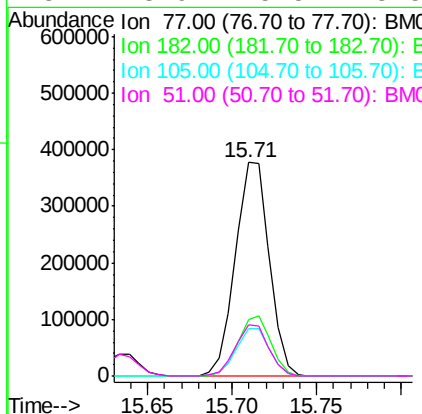
Manual Integrations
APPROVED

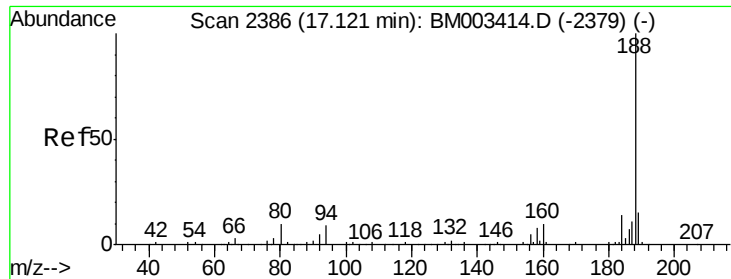
MMdadoda
12/11/2015 6:00:44 PM



#62
Azobenzene
Concen: 50.67 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.5	46.5
105	22.1	3.8	43.8
51	23.9	5.5	45.5





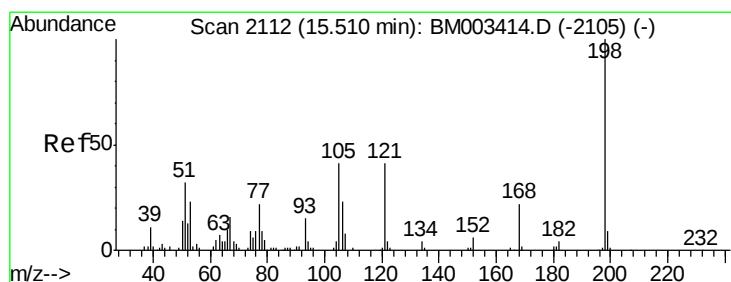
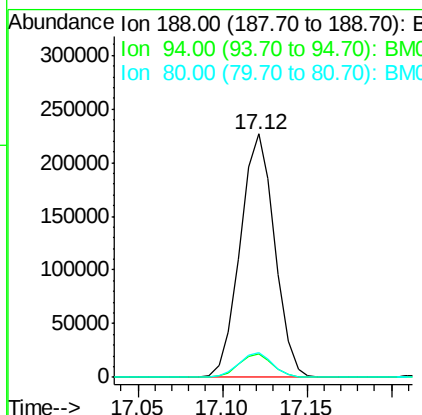
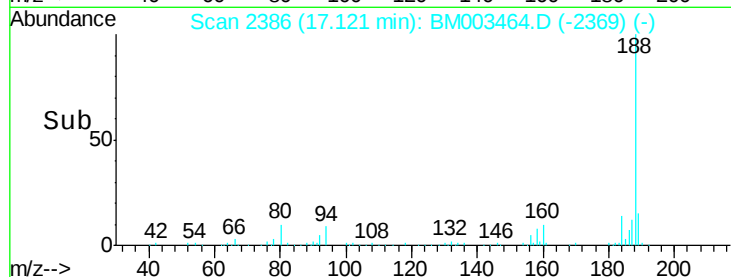
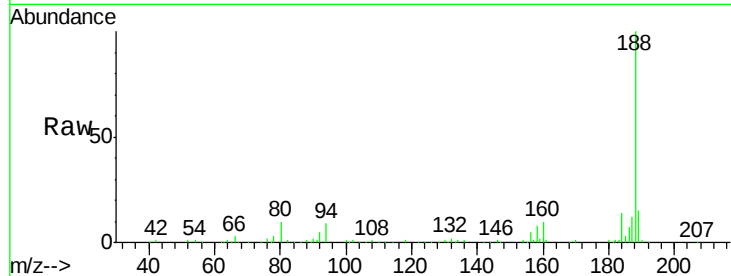
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
188	100	322345		
94	9.5		8.7	13.1
80	10.0		9.3	13.9

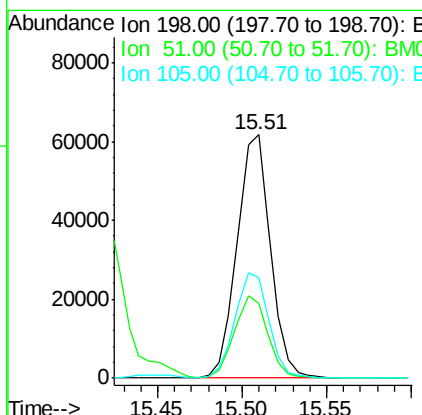
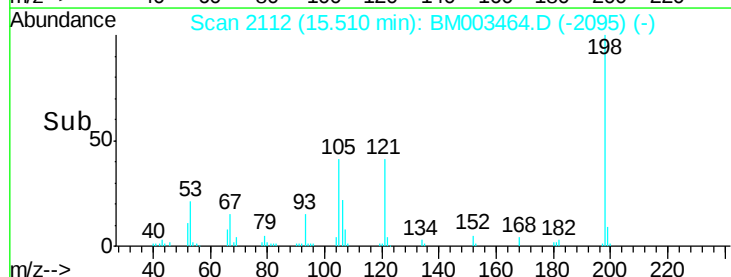
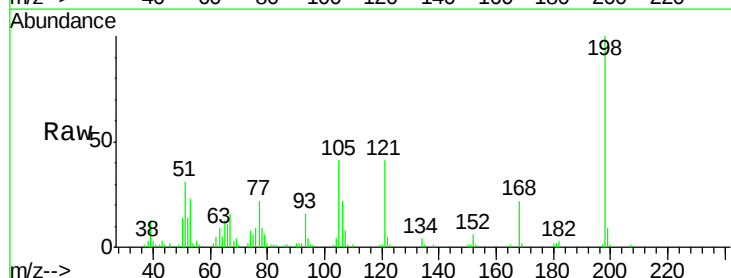
Manual Integrations
APPROVED

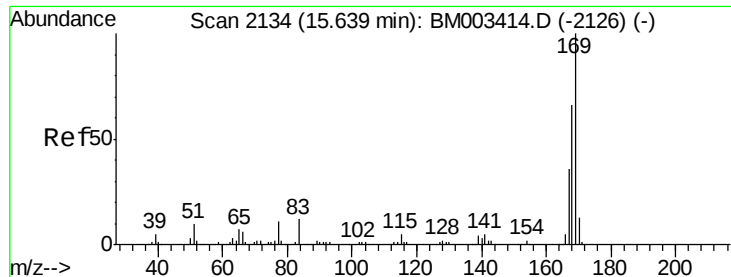
MMdadoda
12/11/2015 6:00:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.69 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	84967		
51	30.7		28.8	68.8
105	41.3		30.5	70.5





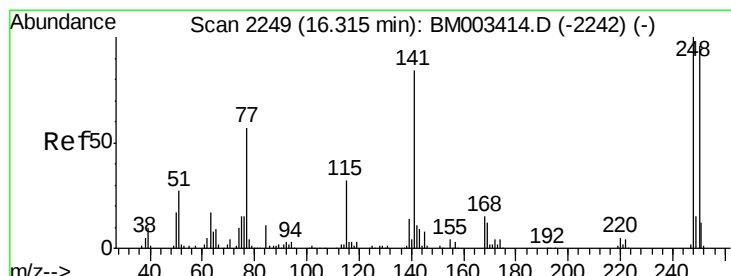
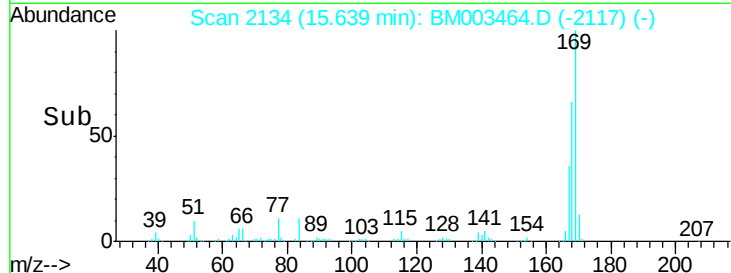
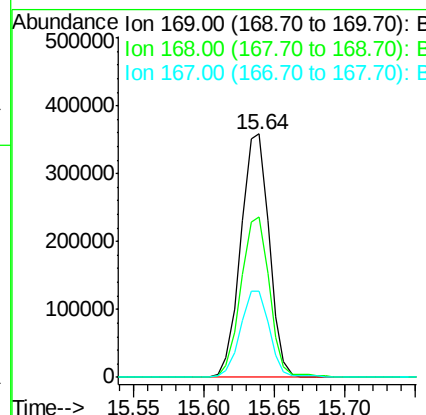
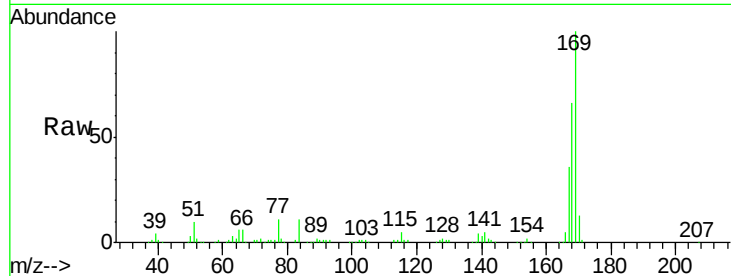
#65
 n-Nitrosodiphenylamine
 Concen: 49.38 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion:	169	Resp:	503234
Ion Ratio	Lower	Upper	
169	100		
168	66.0	53.9	80.9
167	35.6	28.9	43.3

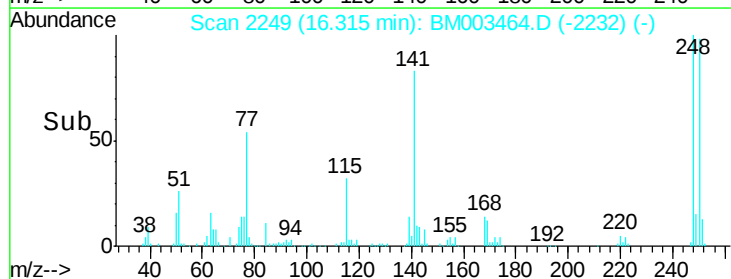
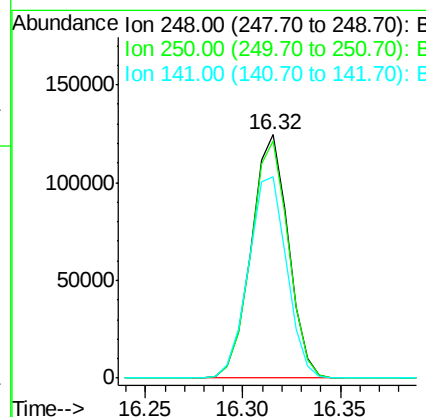
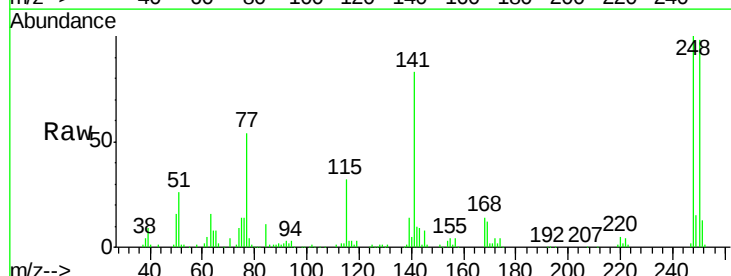
Manual Integrations
 APPROVED

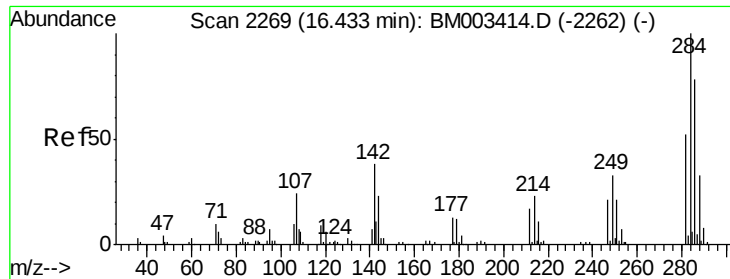
MMdadoda
 12/11/2015 6:00:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 47.10 ng
 RT: 16.32 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion:	248	Resp:	163701
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.4	116.0
141	82.7	45.2	67.8#





#67

Hexachlorobenzene

Concen: 47.77 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

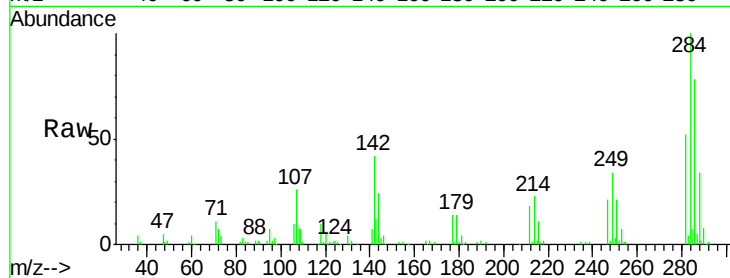
ClientSampleId :

IDOC-W-03

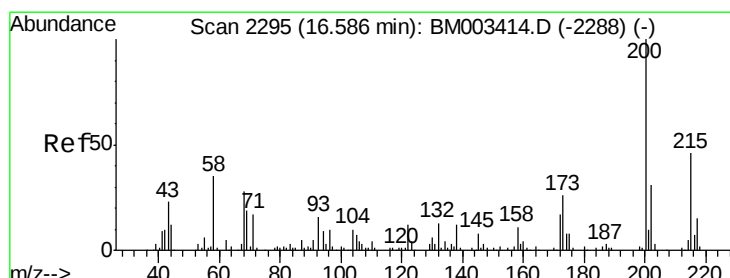
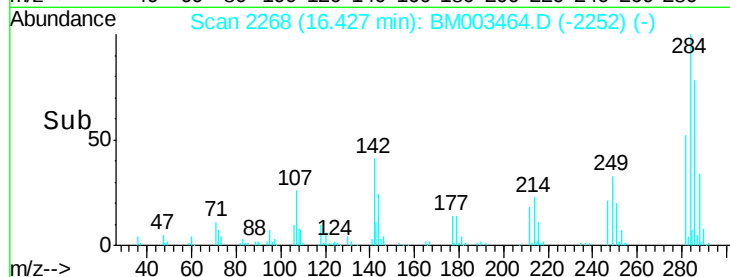
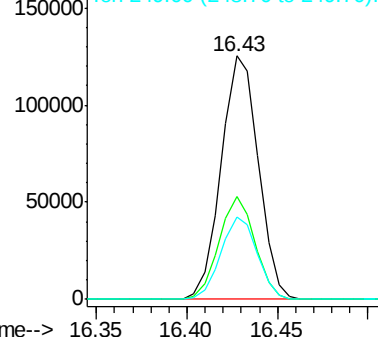
Tot Ion:	284	Resp:	178385
Ion Ratio		Lower	Upper
284	100		
142	42.0	20.4	30.6#
249	33.6	23.8	35.6

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.25 ng

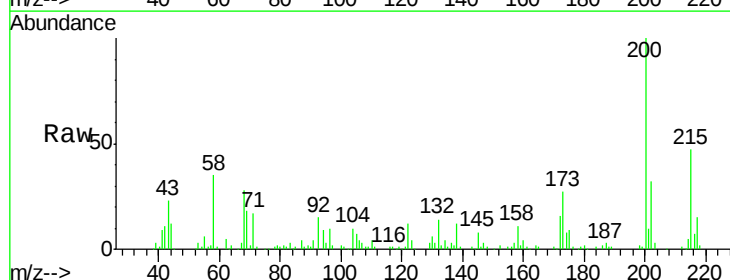
RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

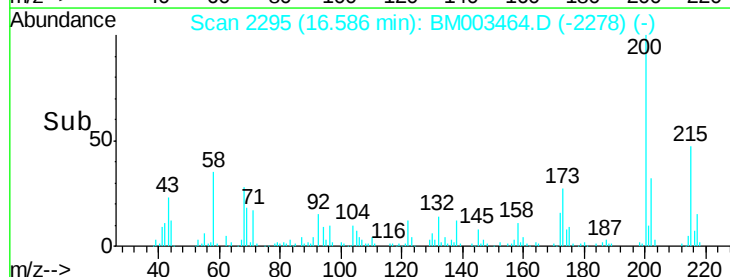
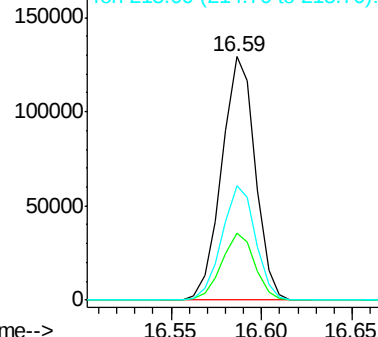
Lab File: BM003464.D

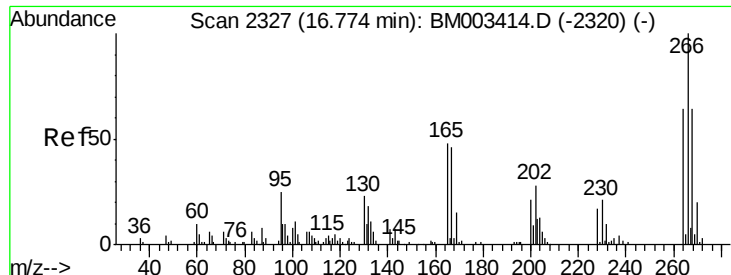
Acq: 10 Dec 2015 22:12

Tgt Ion:	200	Resp:	166061
Ion Ratio		Lower	Upper
200	100		
173	27.5	4.8	44.8
215	46.9	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





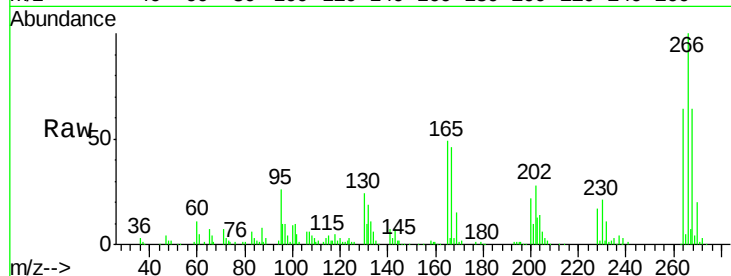
#69
 Pentachlorophenol
 Concen: 93.24 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

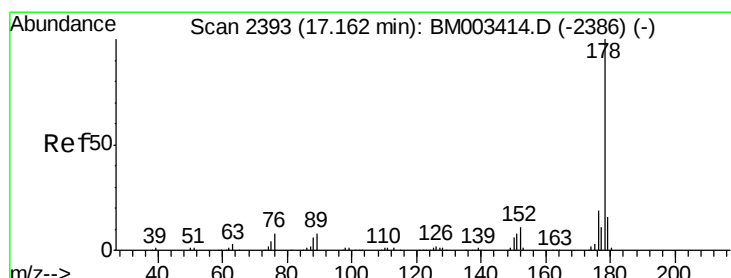
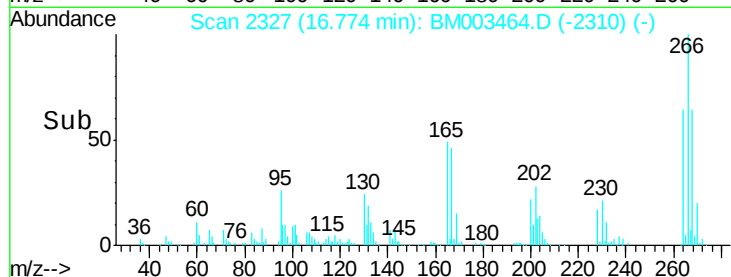
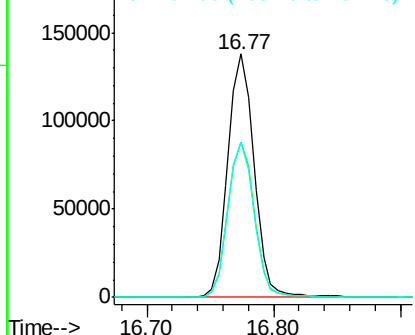
Tot Ion	Ratio	Resp	Lower	Upper
266	100	198751		
268	63.8	52.0	78.0	
264	63.6	49.0	73.4	

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:00:44 PM

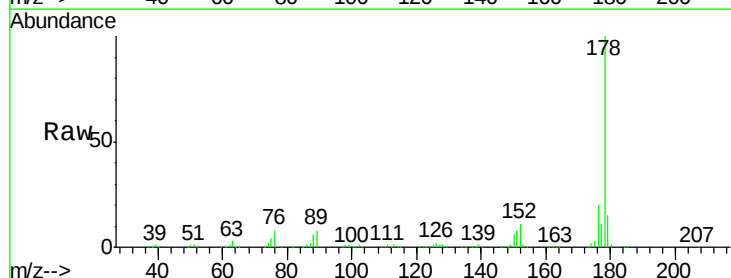


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

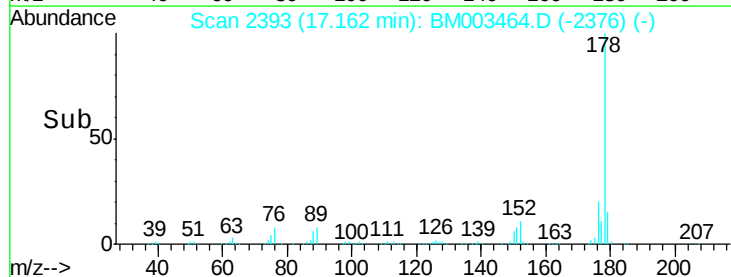
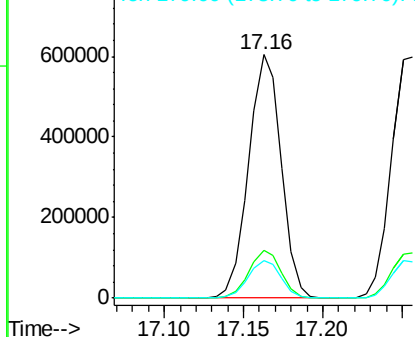


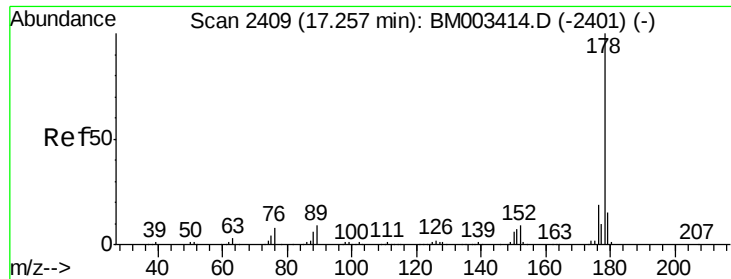
#70
 Phenanthrene
 Concen: 47.61 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	861201		
176	19.6	15.2	22.8	
179	15.5	12.1	18.1	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





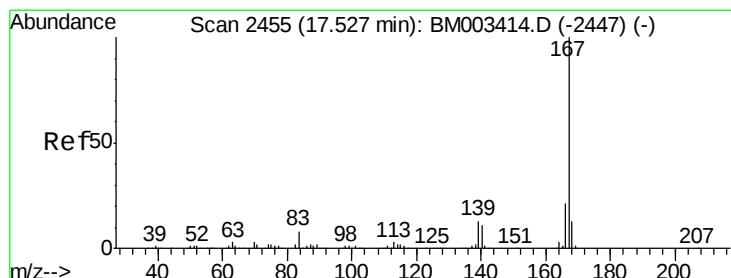
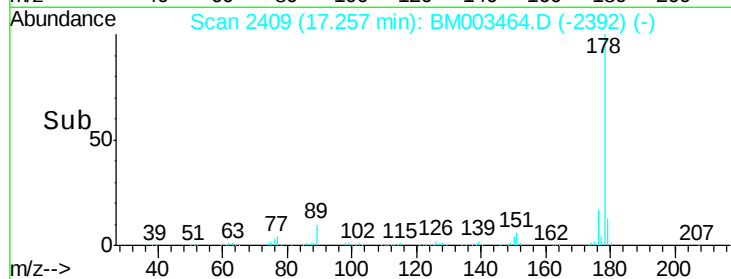
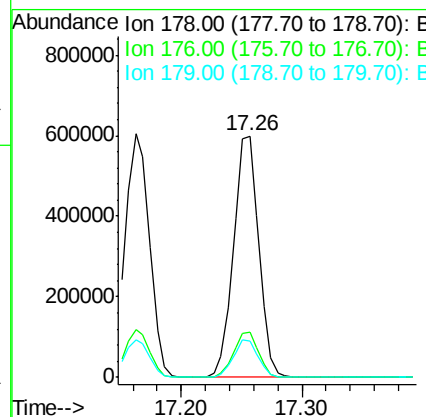
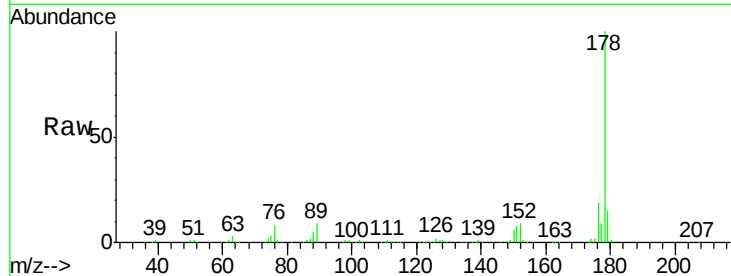
#71
 Anthracene
 Concen: 48.39 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.1	12.6	19.0

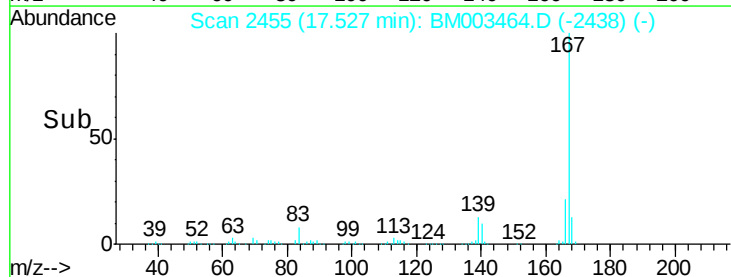
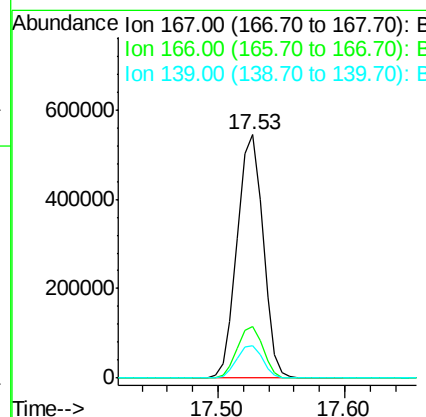
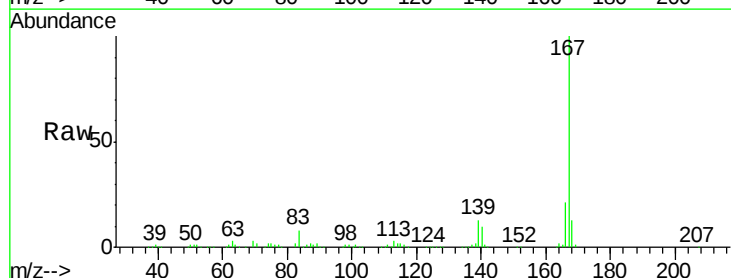
Manual Integrations
 APPROVED

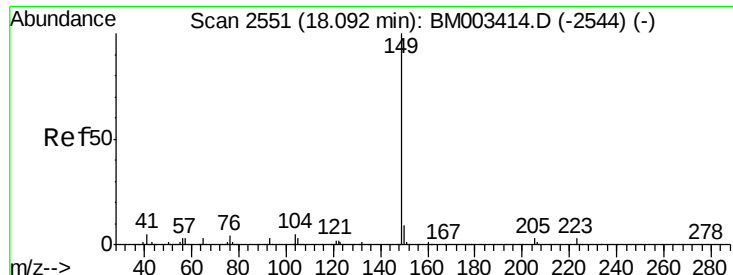
MMdadoda
 12/11/2015 6:00:44 PM



#72
 Carbazole
 Concen: 49.03 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.5	10.8	16.2





#73

Di-n-butylphthalate

Concen: 51.15 ng

RT: 18.09 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BM003464.D

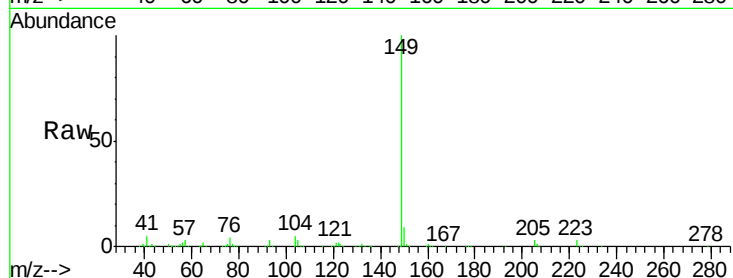
Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

ClientSampleId :

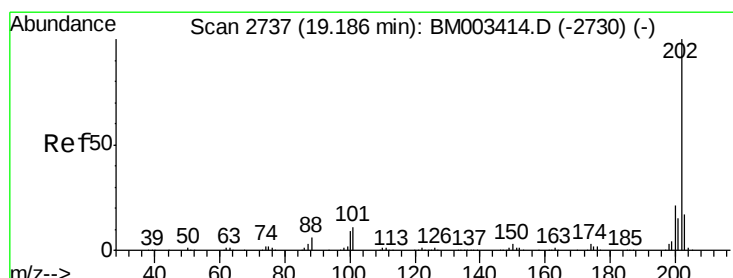
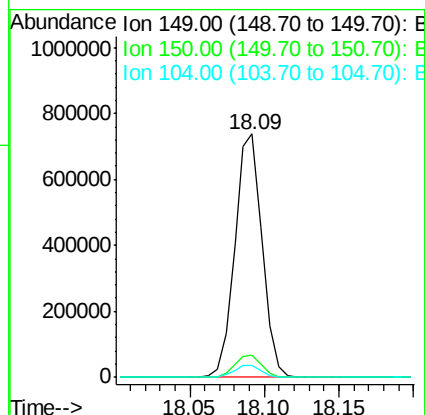
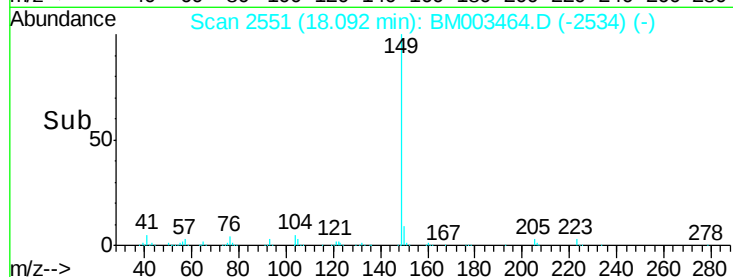
IDOC-W-03



Tot Ion:	149	Resp:	936249
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	4.7	3.7	5.5

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#74

Fluoranthene

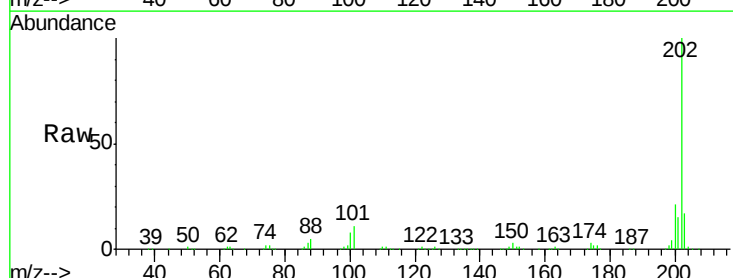
Concen: 48.63 ng

RT: 19.19 min Scan# 2737

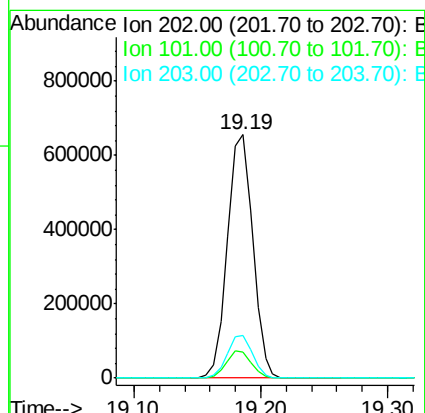
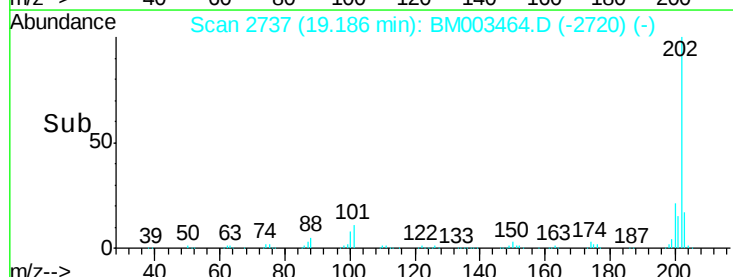
Delta R.T. 0.00 min

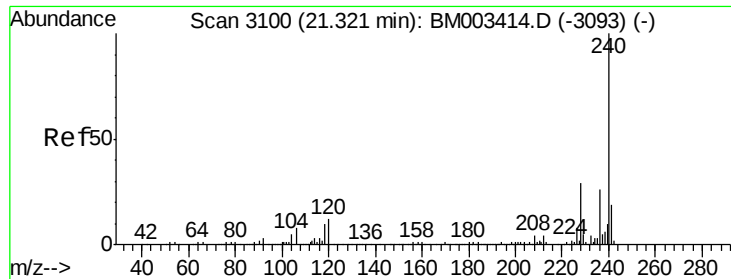
Lab File: BM003464.D

Acq: 10 Dec 2015 22:12



Tgt Ion:	202	Resp:	907093
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

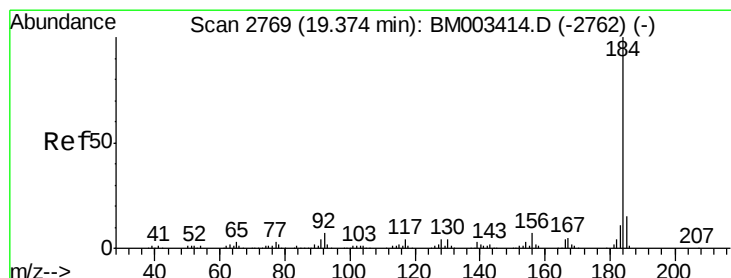
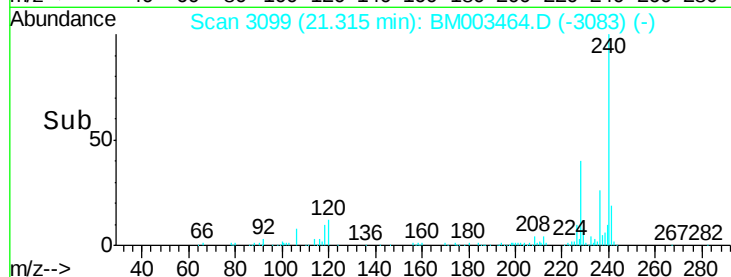
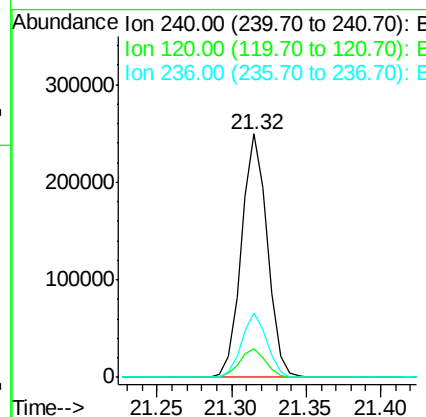
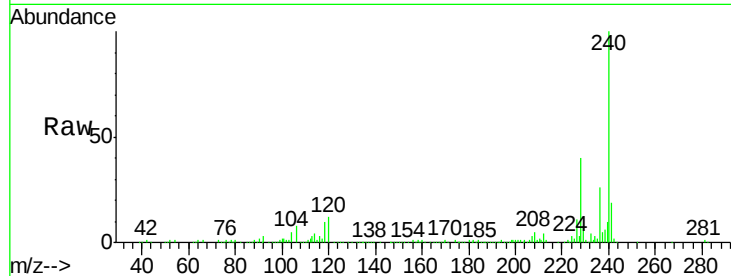
ClientSampleId :

IDOC-W-03

Tot Ion:	240	Resp:	299949
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.2	12.2
236	26.3	20.0	30.0

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#76

Benzidine

Concen: 38.68 ng

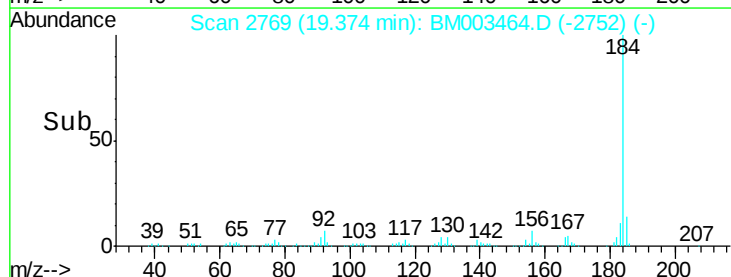
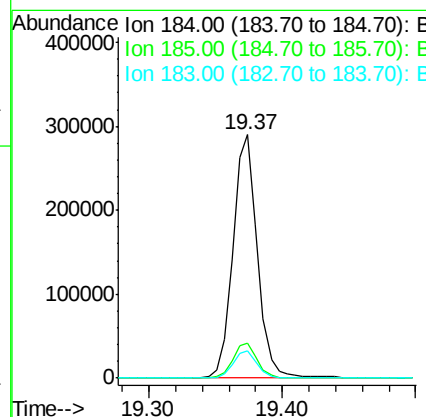
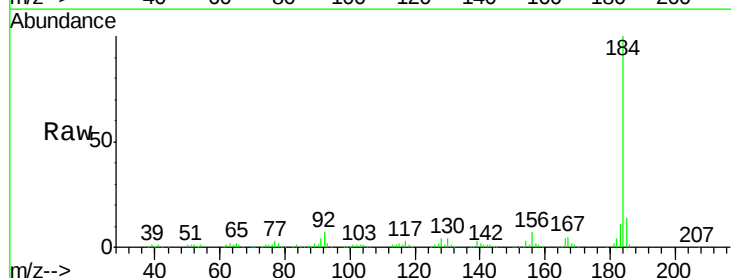
RT: 19.37 min Scan# 2769

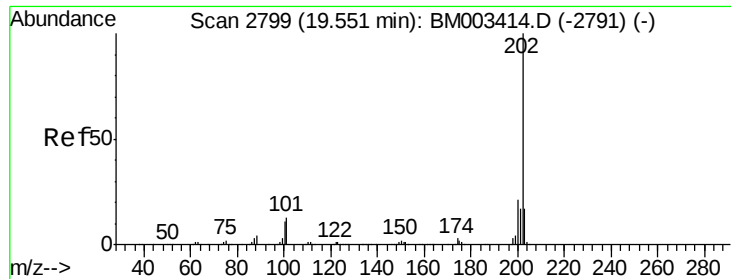
Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	184	Resp:	371700
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.3	16.9
183	11.4	8.9	13.3





#77

Pvrene

Concen: 44.67 ng

RT: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

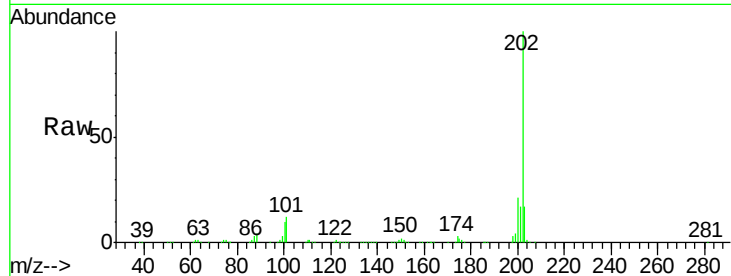
ClientSampleId :

IDOC-W-03

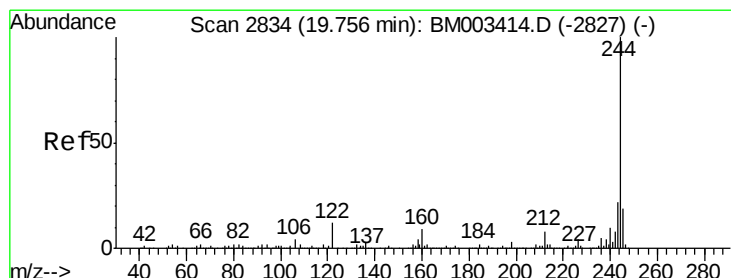
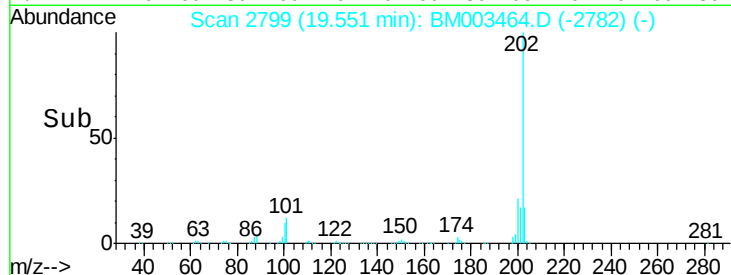
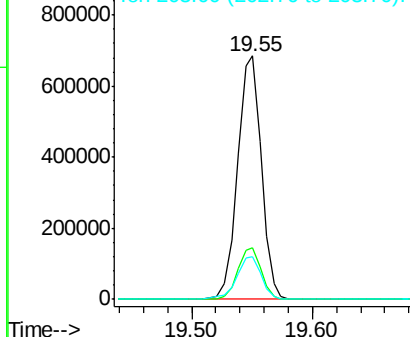
Tot Ion:	202	Resp:	939725
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.4	14.1	21.1

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.63 ng

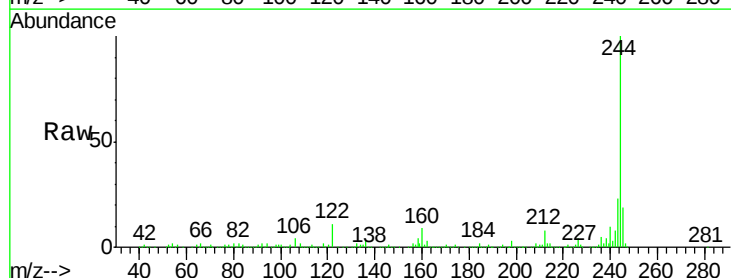
RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

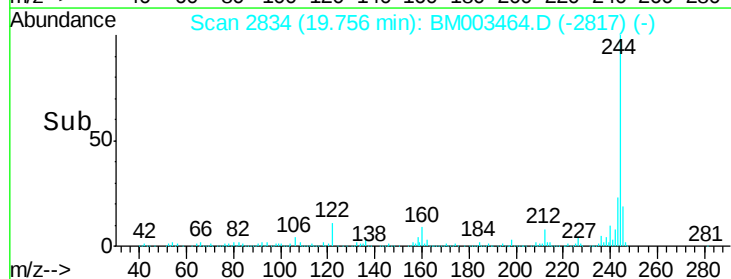
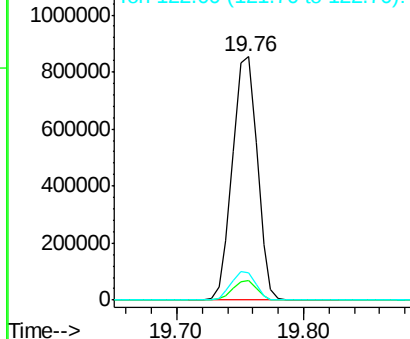
Lab File: BM003464.D

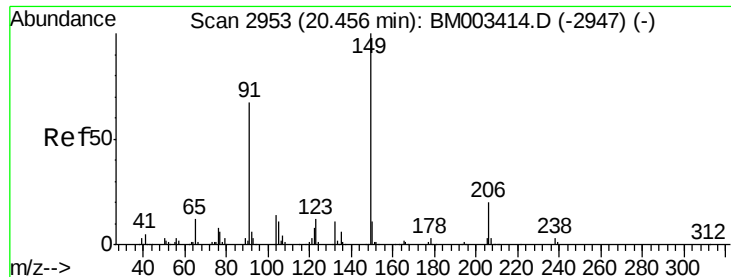
Acq: 10 Dec 2015 22:12

Tgt Ion:	244	Resp:	1152688
Ion Ratio	Lower	Upper	
244	100		
212	7.9	4.9	7.3#
122	11.4	6.2	9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





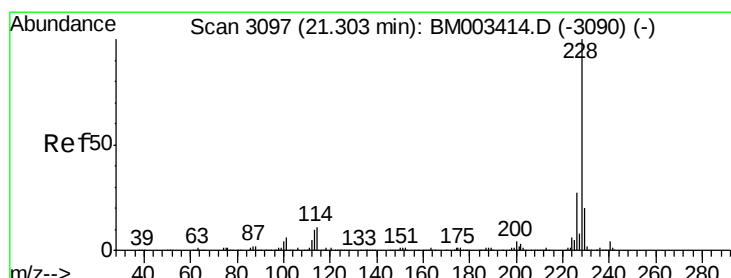
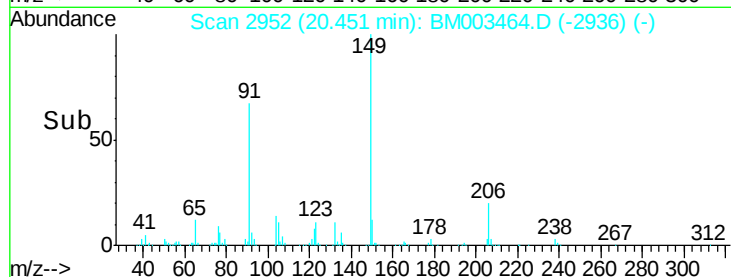
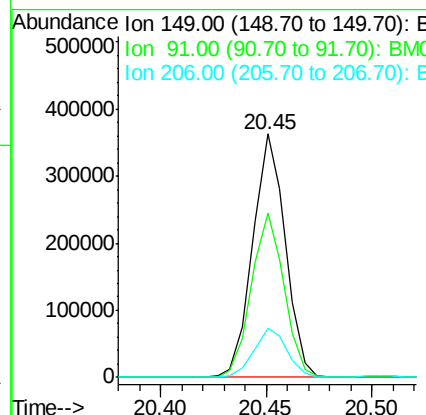
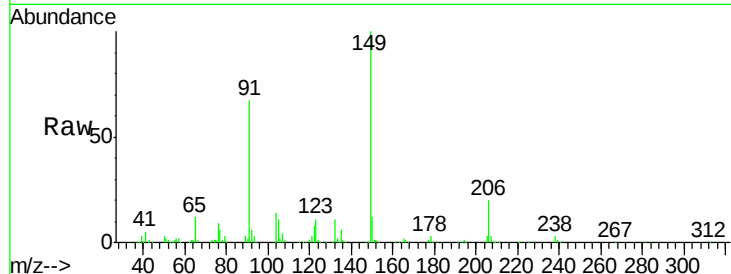
#79
Butylbenzylphthalate
Concen: 48.19 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleID :
IDOC-W-03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
91	67.4	50.1	75.1		
206	20.0	16.2	24.2		

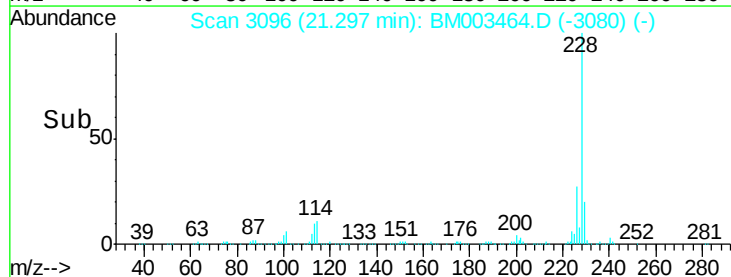
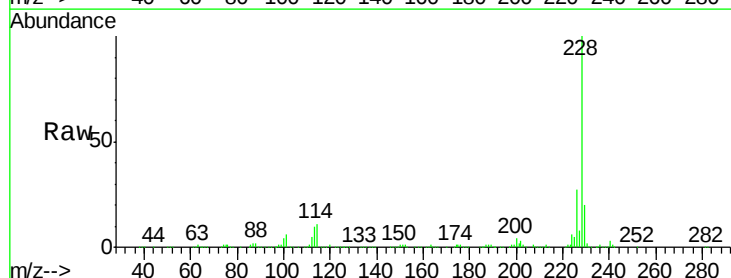
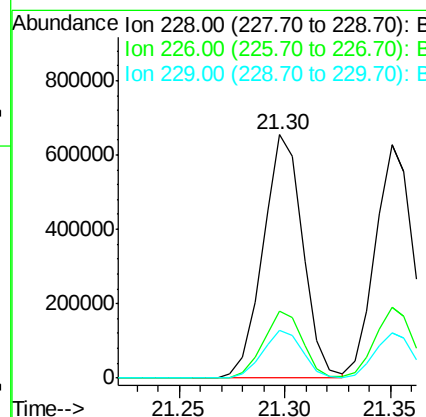
Manual Integrations
APPROVED

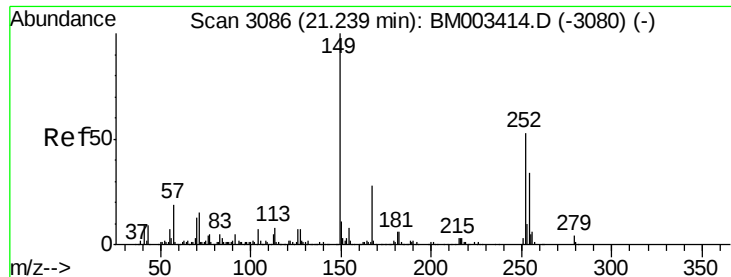
MMdadoda
12/11/2015 6:00:44 PM



#80
Benzo(a)anthracene
Concen: 47.56 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.4	21.7	32.5		
229	19.6	16.0	24.0		





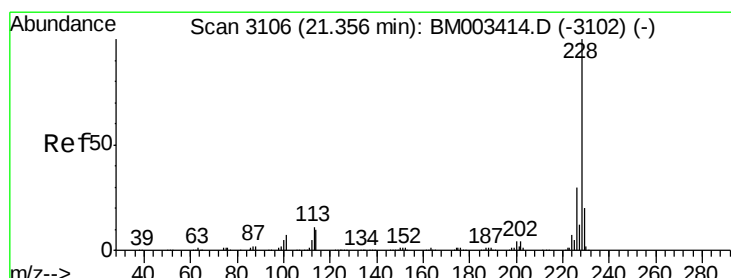
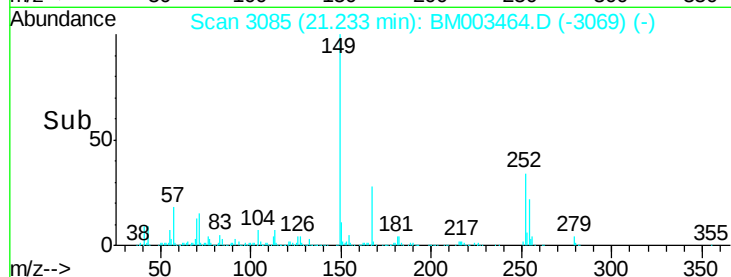
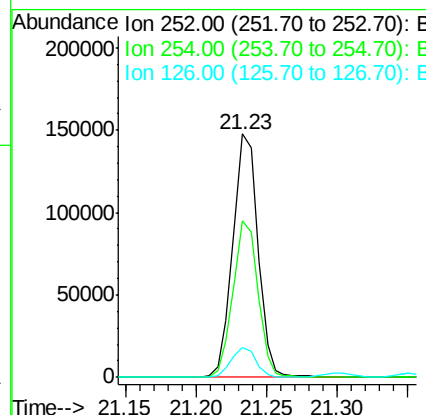
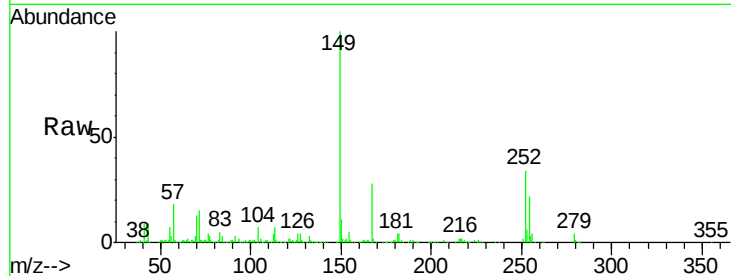
#81
 3,3'-Dichlorobenzidine
 Concen: 32.25 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Resp	Lower	Upper
252	100	184668		
254	64.3	51.9	77.9	
126	12.2	9.8	14.8	

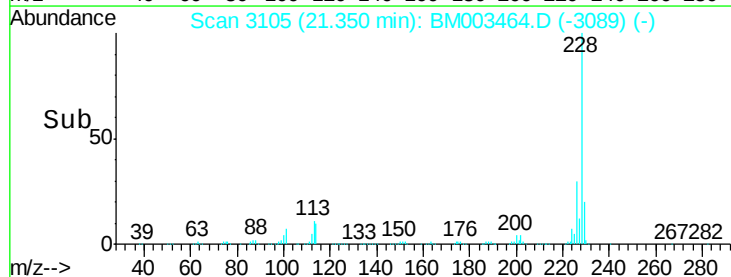
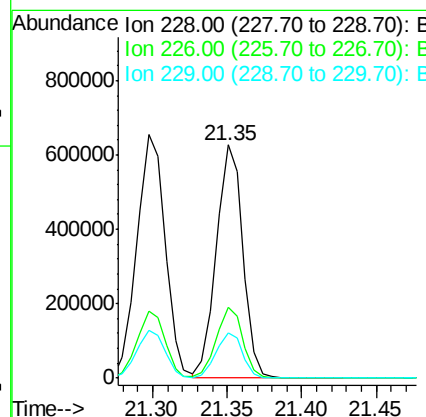
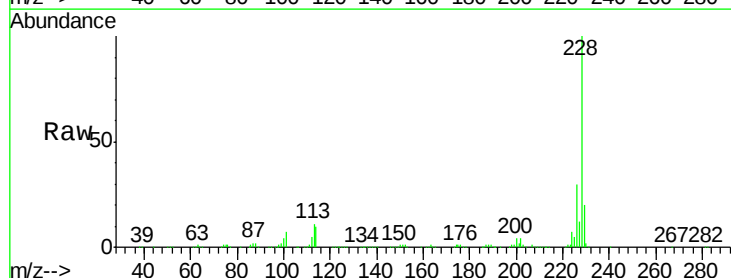
Manual Integrations
 APPROVED

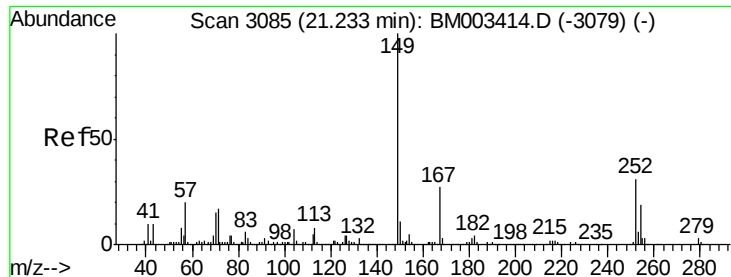
MMdadoda
 12/11/2015 6:00:44 PM



#82
 Chrysene
 Concen: 44.95 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	777960		
226	30.2	24.1	36.1	
229	19.6	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.56 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

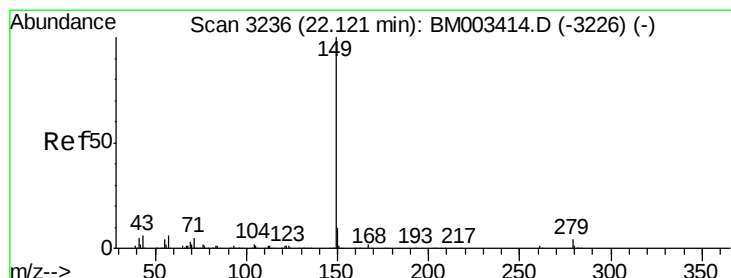
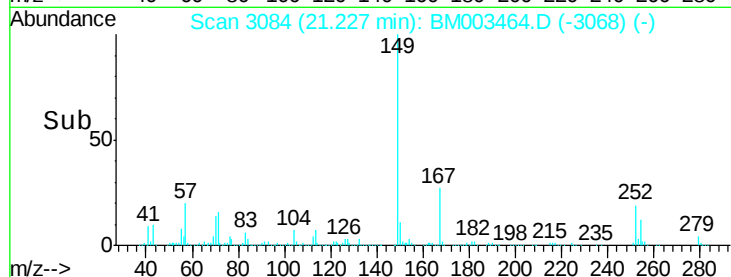
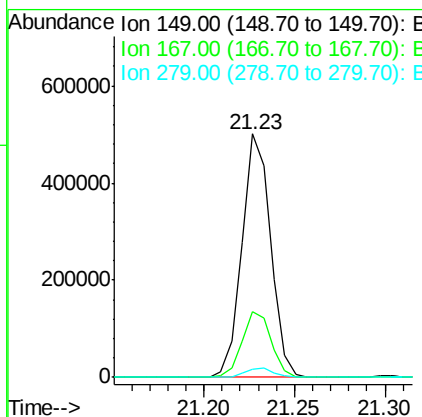
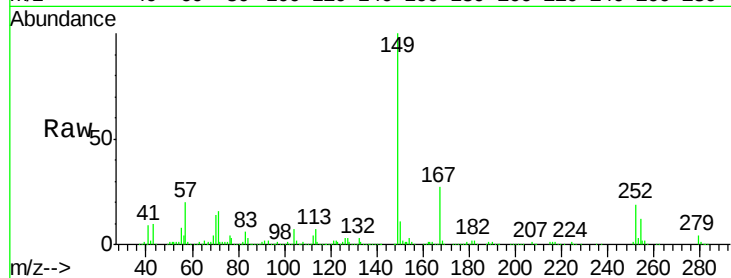
ClientSampleId :

IDOC-W-03

Tot Ion:	149	Resp:	550580
Ion Ratio		Lower	Upper
149	100		
167	27.1	22.4	33.6
279	3.5	3.4	5.0

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



#84

Di-n-octyl phthalate

Concen: 53.04 ng

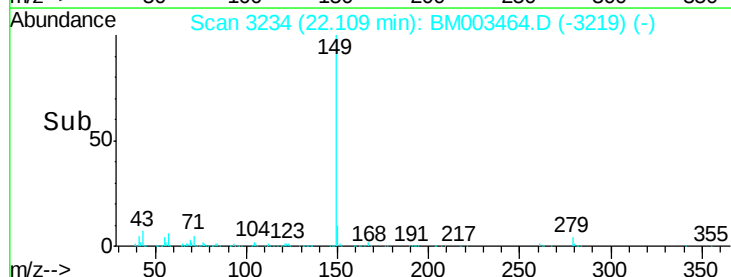
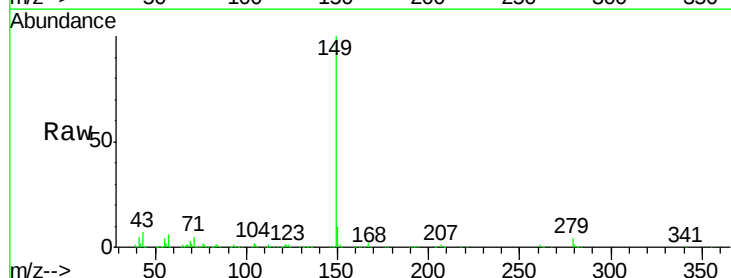
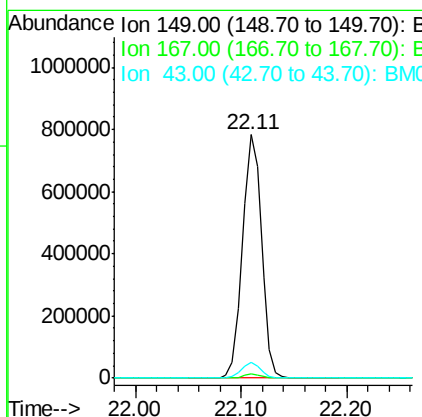
RT: 22.11 min Scan# 3234

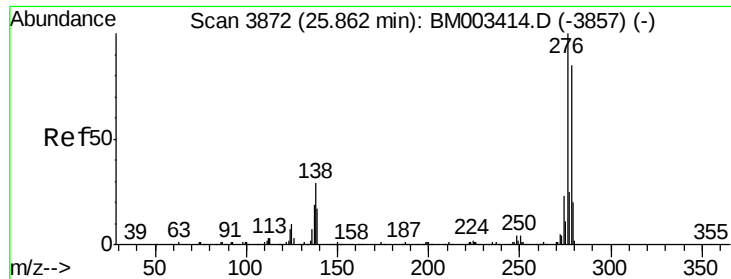
Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	149	Resp:	973675
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.5	7.3	10.9#





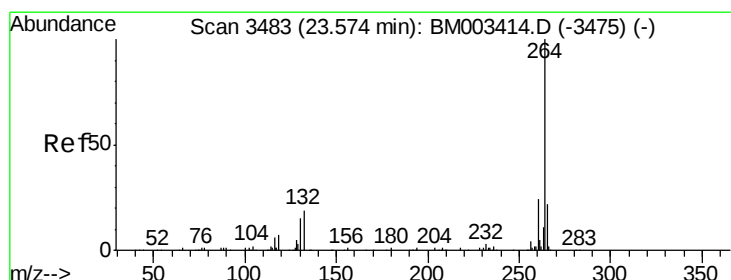
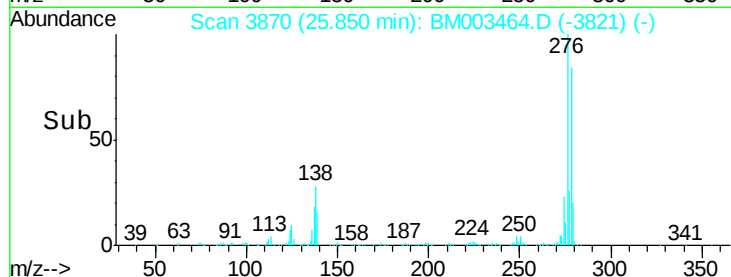
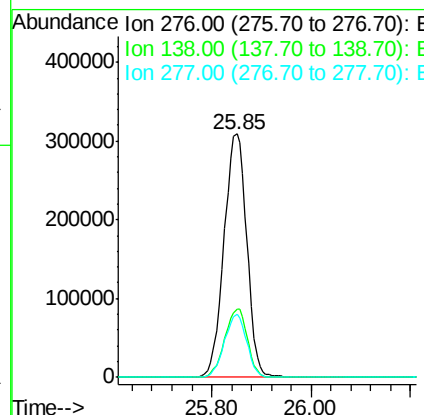
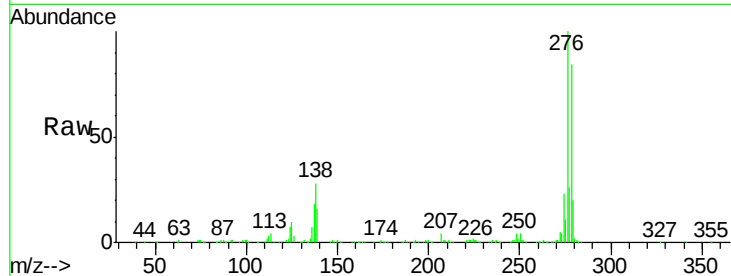
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.23 ng
 RT: 25.85 min Scan# 3870
 Delta R.T. -0.01 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-W-03

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.0	0.0	0.0#
277	25.2	0.0	0.0#

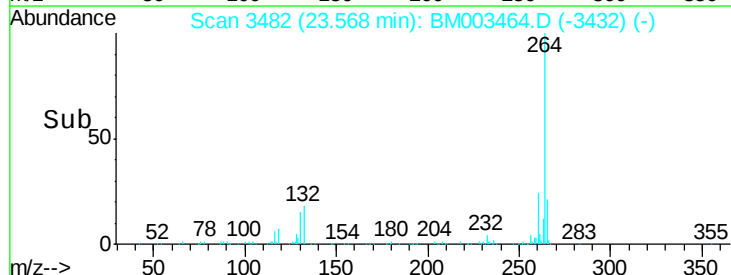
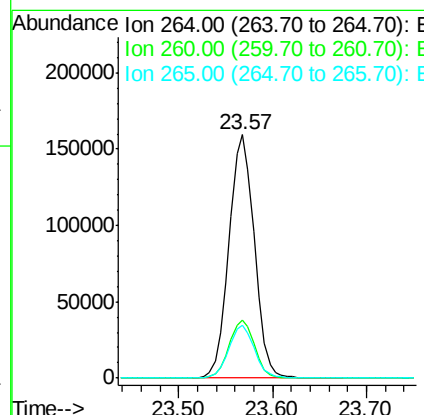
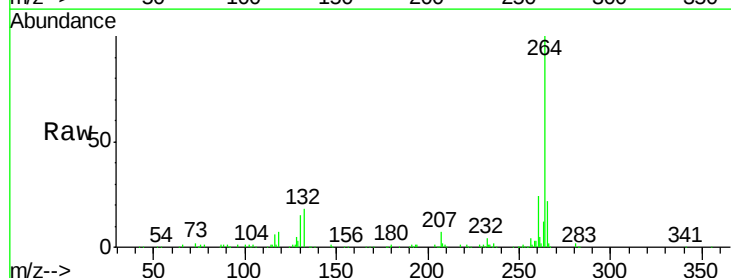
Manual Integrations
 APPROVED

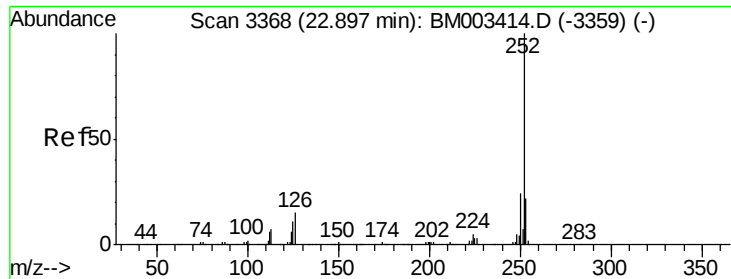
MMdadoda
 12/11/2015 6:00:44 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BM003464.D
 Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.23 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Instrument :

BNA_M

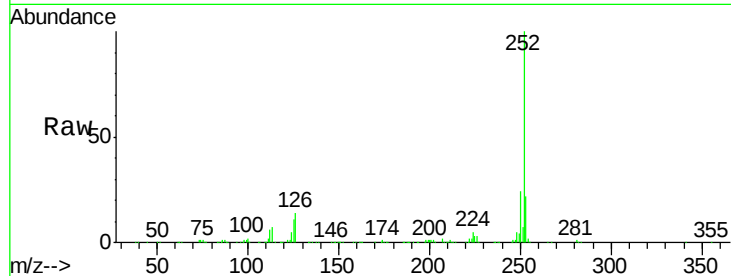
ClientSampleId :

IDOC-W-03

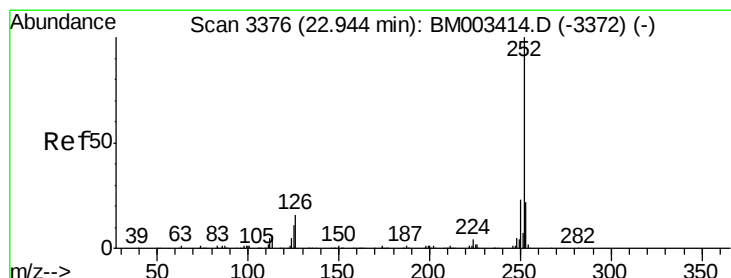
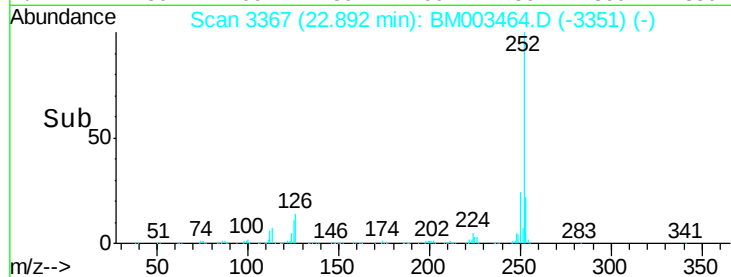
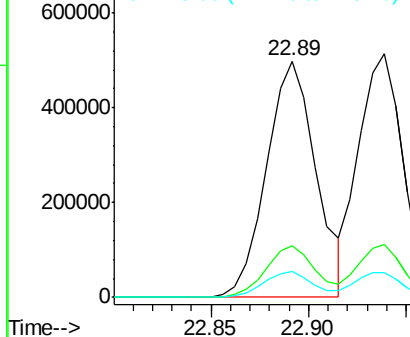
Tot Ion:	252	Resp:	875989
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.8	9.9	14.9

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.77 ng

RT: 22.94 min Scan# 3375

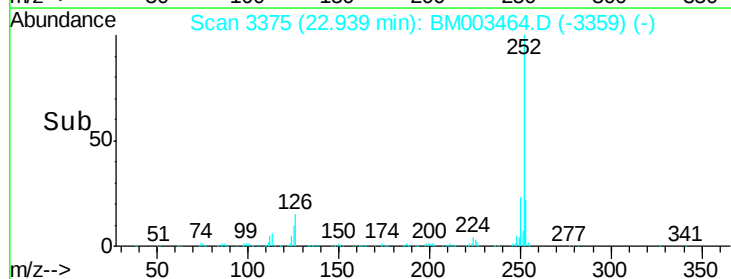
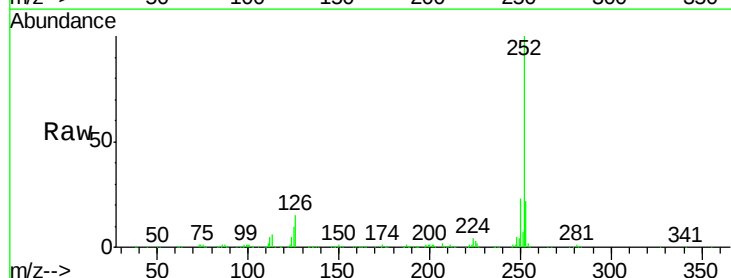
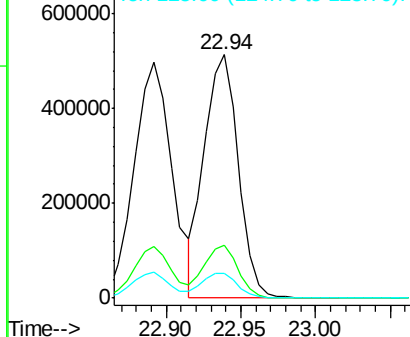
Delta R.T. -0.01 min

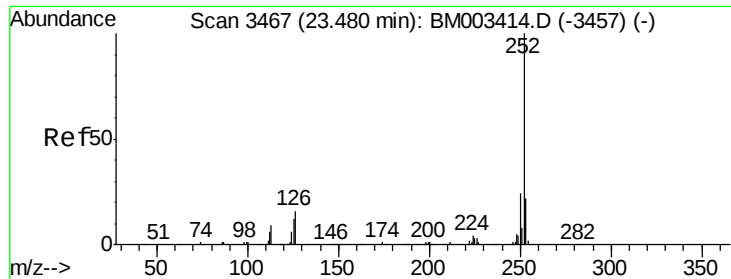
Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tgt Ion:	252	Resp:	811608
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	10.2	8.1	12.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





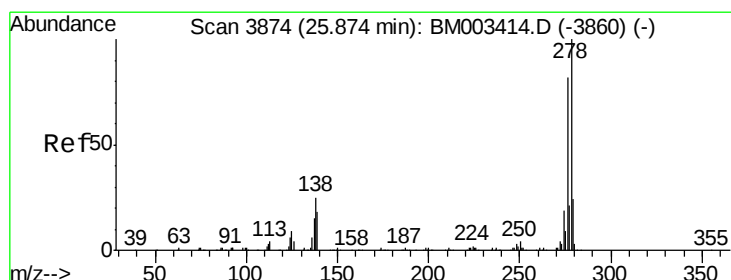
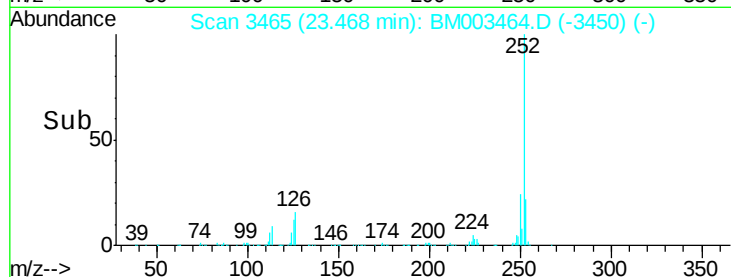
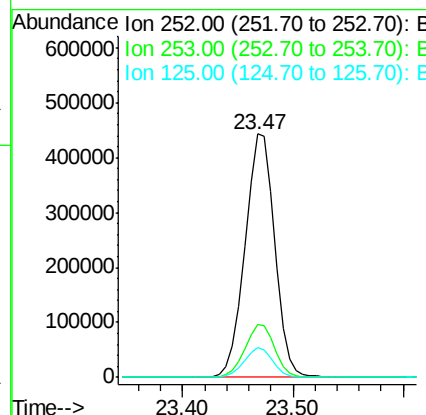
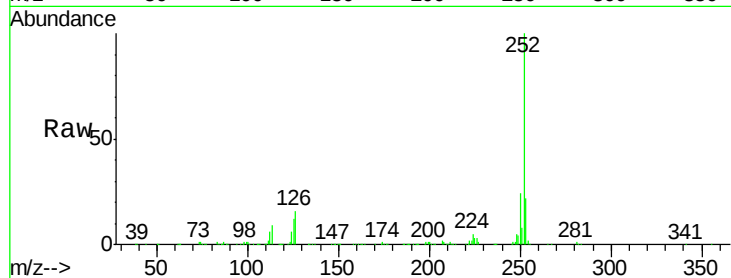
#89
Benzo(a)pyrene
Concen: 49.01 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Instrument :
BNA_M
ClientSampleId :
IDOC-W-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.0	7.4	11.2

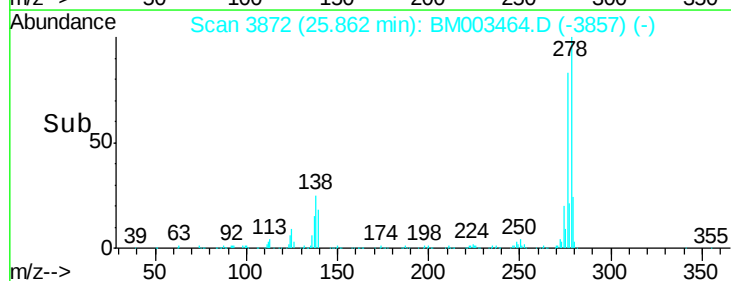
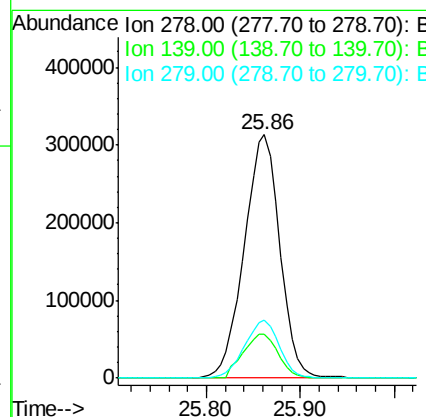
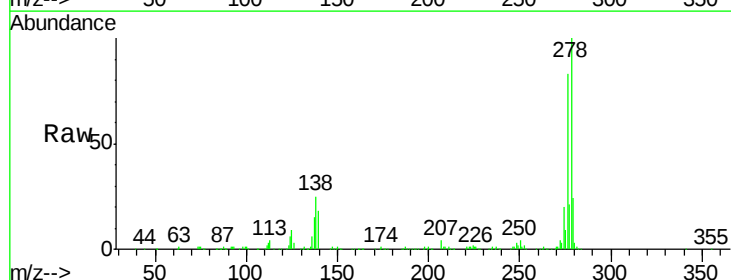
Manual Integrations
APPROVED

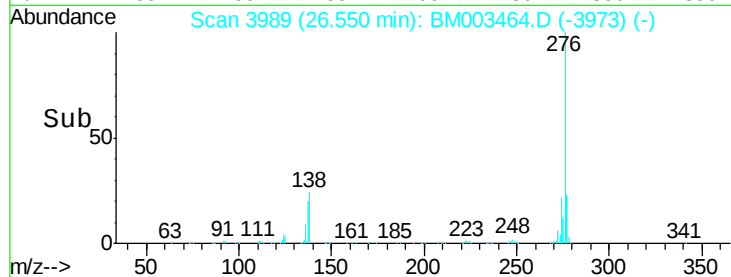
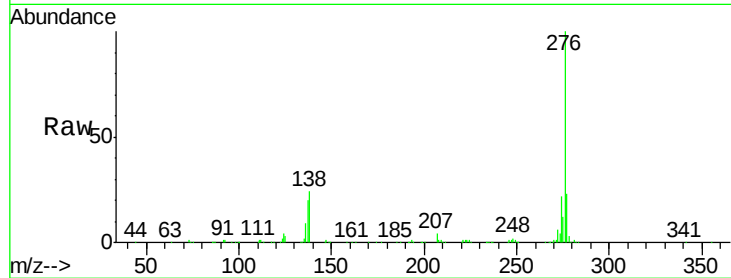
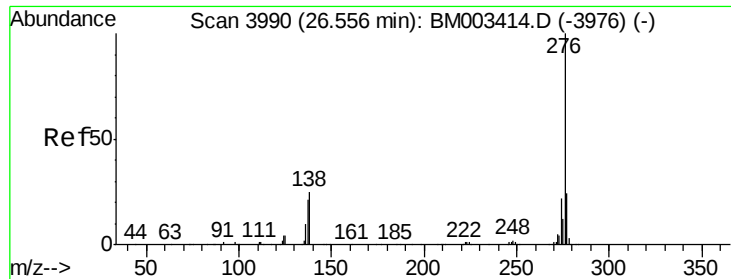
MMdadoda
12/11/2015 6:00:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.34 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM003464.D
Acq: 10 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.4	20.0
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 49.64 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BM003464.D

Acq: 10 Dec 2015 22:12

Tot Ion:	276	Resp:	836676
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.5	27.7
138	23.8	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

IDOC-W-03

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:44 PM

