

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077660.D
 Acq On : 10 Mar 2015 14:49
 Operator : TP/IZ
 Sample : PB81894BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Manual Integrations
 APPROVED

mohammad
 3/12/2015 2:21:43 PM

Quant Time: Mar 11 01:30:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	60185	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	236972	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	118455	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	229471	20.00	ng	0.00
75) Chrysene-d12	16.05	240	230070	20.00	ng	-0.03
86) Perylene-d12	17.79	264	220378	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	282914	78.48	ng	0.00
7) Phenol-d6	6.75	99	363419	78.40	ng	0.00
23) Nitrobenzene-d5	7.88	82	273597	71.80	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	92911	81.46	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	598600	78.80	ng	0.00
78) Terphenyl-d14	14.76	244	639849	65.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	50722	33.16	ng	97
3) Pyridine	2.83	79	129098	29.50	ng	97
4) n-Nitrosodimethylamine	2.73	42	71943	37.81	ng	92
6) Aniline	6.77	93	115658	18.05	ng	# 51
8) 2-Chlorophenol	6.92	128	166247	39.09	ng	96
9) Benzaldehyde	6.63	77	20243	7.19	ng	90
10) Phenol	6.77	94	196938	35.81	ng	77
11) bis(2-Chloroethyl)ether	6.88	93	156980	39.72	ng	95
12) 1,3-Dichlorobenzene	7.11	146	173996	37.57	ng	98
13) 1,4-Dichlorobenzene	7.21	146	177455	37.67	ng	99
14) 1,2-Dichlorobenzene	7.39	146	168778	37.66	ng	99
15) Benzyl Alcohol	7.37	79	134911	38.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	214142	37.91	ng	97
17) 2-Methylphenol	7.52	107	135344	40.72	ng	98
18) Hexachloroethane	7.81	117	59939	38.09	ng	# 78
19) n-Nitroso-di-n-propylamine	7.70	70	109943	37.35	ng	98
20) 3+4-Methylphenols	7.71	107	172169	39.32	ng	# 75
22) Acetophenone	7.69	105	226049	40.55	ng	# 82
24) Nitrobenzene	7.90	77	164372	41.00	ng	100
25) Isophorone	8.20	82	307657	40.69	ng	97
26) 2-Nitrophenol	8.29	139	84346	51.33	ng	100
27) 2,4-Dimethylphenol	8.36	122	156858	42.66	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	191029	40.00	ng	98
29) 2,4-Dichlorophenol	8.59	162	141878	41.11	ng	91
30) 1,2,4-Trichlorobenzene	8.69	180	149368	39.37	ng	99
31) Naphthalene	8.79	128	472847	39.90	ng	99
32) Benzoic acid	8.46	122	85543	47.88	ng	100
33) 4-Chloroaniline	8.86	127	91717	17.41	ng	97
34) Hexachlorobutadiene	8.94	225	81284	37.52	ng	100
35) Caprolactam	9.29	113	43699	41.48	ng	95
36) 4-Chloro-3-methylphenol	9.47	107	147049	42.38	ng	95
37) 2-Methylnaphthalene	9.65	142	327010	38.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	139469	41.03	ng	# 98
40) Hexachlorocyclopentadiene	9.84	237	144523	79.30	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077660.D
 Acq On : 10 Mar 2015 14:49
 Operator : TP/IZ
 Sample : PB81894BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

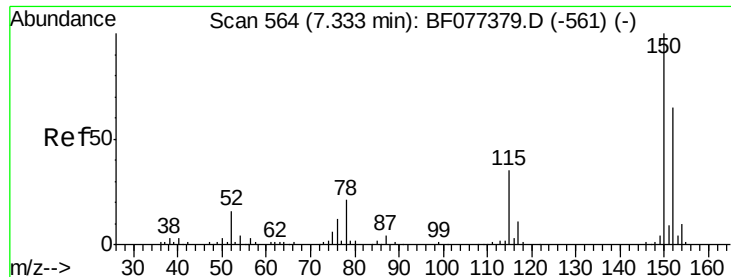
Manual Integrations
 APPROVED

mohammad
 3/12/2015 2:21:43 PM

Quant Time: Mar 11 01:30:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	101100	44.92	nq	99
43) 2,4,5-Trichlorophenol	10.04	196	110804	46.04	nq #	90
45) 1,1'-Biphenyl	10.23	154	385440	42.95	nq	97
46) 2-Chloronaphthalene	10.25	162	319812	45.44	nq	97
47) 2-Nitroaniline	10.38	65	83951	48.46	nq	98
48) Acenaphthylene	10.76	152	503984	45.23	nq	98
49) Dimethylphthalate	10.62	163	358484	43.05	nq	99
50) 2,6-Dinitrotoluene	10.69	165	82060	49.14	nq	99
51) Acenaphthene	10.97	154	283525	42.64	nq	100
52) 3-Nitroaniline	10.89	138	48227	25.05	nq	92
53) 2,4-Dinitrophenol	11.02	184	60394	118.86	nq #	86
54) Dibenzofuran	11.19	168	445449	43.39	nq	98
55) 4-Nitrophenol	11.11	139	133436	86.17	nq #	63
56) 2,4-Dinitrotoluene	11.18	165	111518	49.42	nq #	84
57) Fluorene	11.61	166	359915	43.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.34	232	88406	45.69	nq	96
59) Diethylphthalate	11.49	149	363936	44.33	nq	99
60) 4-Chlorophenyl-phenylether	11.62	204	169253	42.80	nq	91
61) 4-Nitroaniline	11.64	138	84746	45.93	nq	92
62) Azobenzene	11.82	77	341951	43.91	nq	97
64) 4,6-Dinitro-2-methylphenol	11.68	198	41971	46.01	nq	99
65) n-Nitrosodiphenylamine	11.77	169	328133	43.10	nq	99
66) 4-Bromophenyl-phenylether	12.23	248	105159	39.13	nq	97
67) Hexachlorobenzene	12.28	284	111833	38.77	nq	97
68) Atrazine	12.44	200	102011	41.21	nq	97
69) Pentachlorophenol	12.54	266	127957	84.41	nq	98
70) Phenanthrene	12.80	178	533652	40.12	nq	99
71) Anthracene	12.86	178	561881	42.57	nq	98
72) Carbazole	13.07	167	549041	43.75	nq	99
73) Di-n-butylphthalate	13.52	149	546155	37.06	nq #	97
74) Fluoranthene	14.27	202	543793	37.43	nq	98
76) Benzidine	14.46	184	204535	26.31	nq	98
77) Pyrene	14.55	202	554195	39.38	nq	99
79) Butylbenzylphthalate	15.38	149	240178	41.48	nq #	84
80) Benzo(a)anthracene	16.04	228	554217	41.10	nq	99
81) 3,3'-Dichlorobenzidine	16.02	252	123054	24.91	nq #	97
82) Chrysene	16.09	228	527779	41.68	nq	98
83) Bis(2-ethylhexyl)phthalate	16.11	149	348035	37.48	nq	99
84) Di-n-octyl phthalate	16.90	149	608386	39.25	nq	96
85) Indeno(1,2,3-cd)pyrene	19.21	276	599395m	41.52	nq	
87) Benzo(b)fluoranthene	17.35	252	520220	40.59	nq #	97
88) Benzo(k)fluoranthene	17.38	252	544811m	43.38	nq	
89) Benzo(a)pyrene	17.73	252	522208	42.79	nq	97
90) Dibenzo(a,h)anthracene	19.23	278	498009	42.78	nq	98
91) Benzo(g,h,i)perylene	19.61	276	507861	43.23	nq	99

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



#1

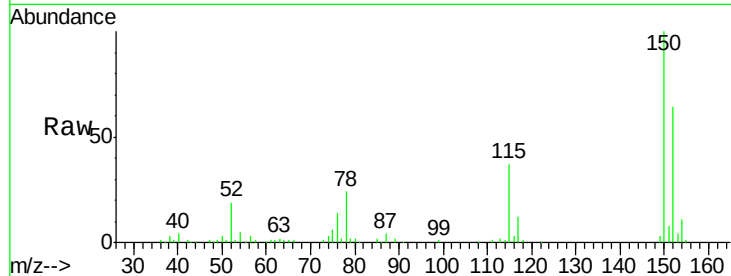
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

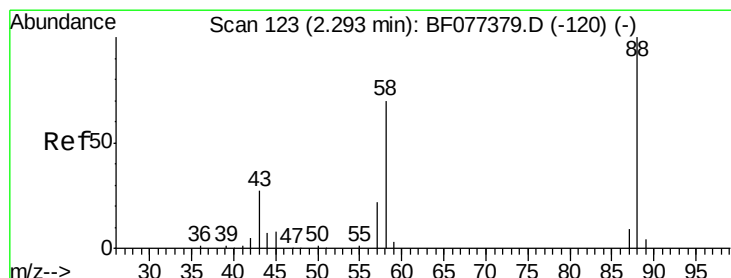
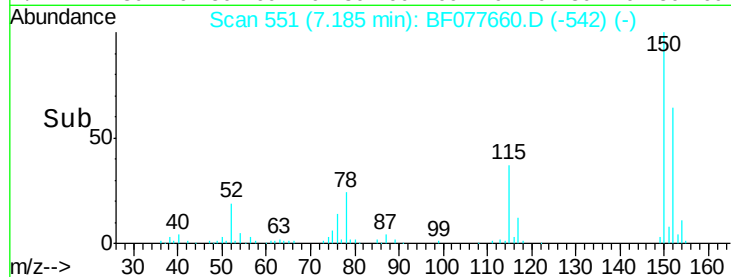
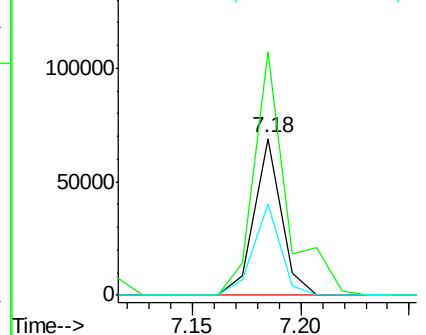
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.0	186.0
115	58.2	49.4	74.2

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 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

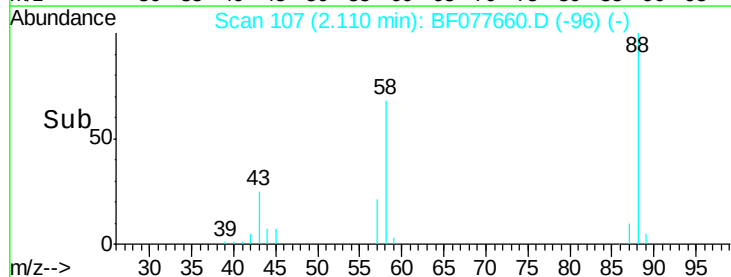
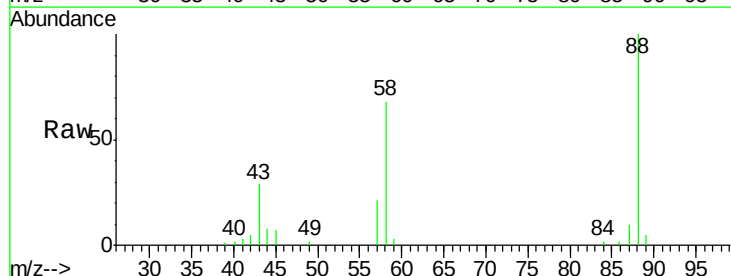
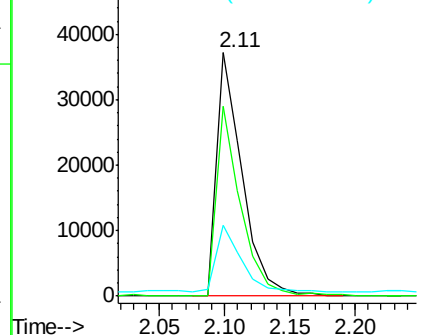


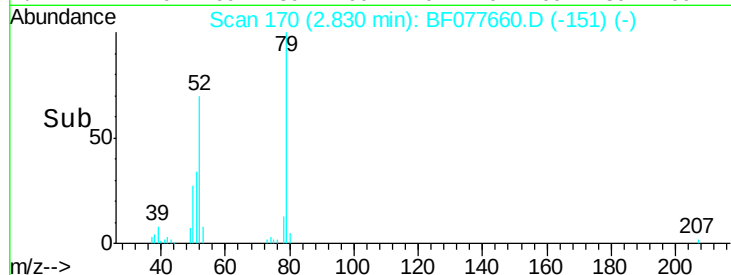
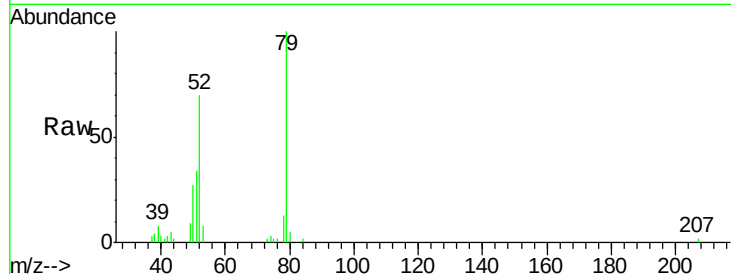
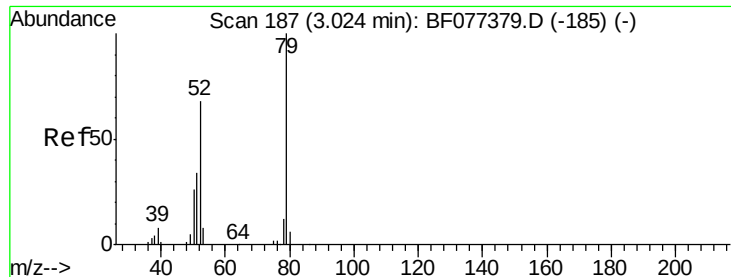
#2

1,4-Dioxane
Concen: 33.16 ng
RT: 2.11 min Scan# 107
Delta R.T. 0.03 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	62.1	93.1
43	27.9	24.0	36.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





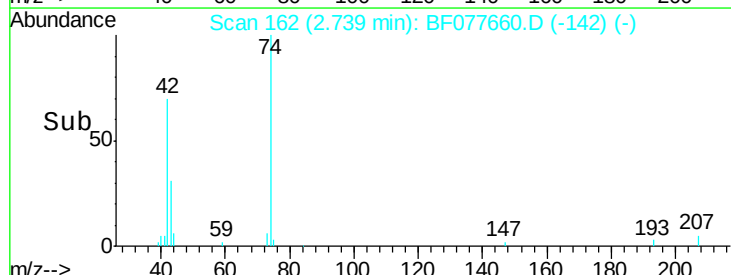
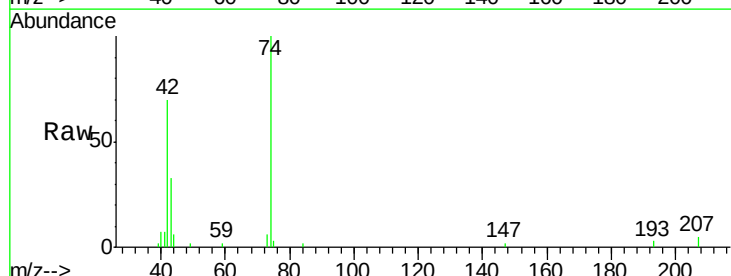
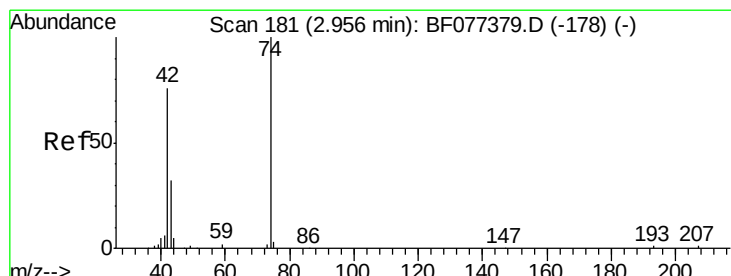
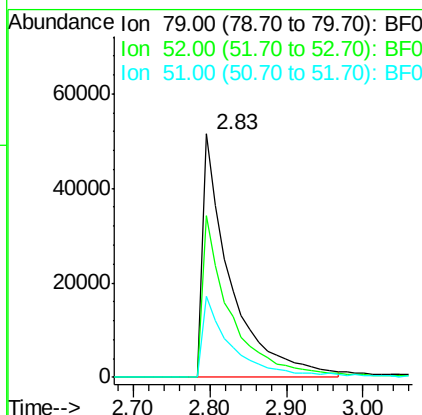
#3
 Pvridine
 Concen: 29.50 ng
 RT: 2.83 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tot Ion:	79	Resp:	129098
Ion Ratio	Lower	Upper	
79	100		
52	69.6	57.7	86.5
51	33.9	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

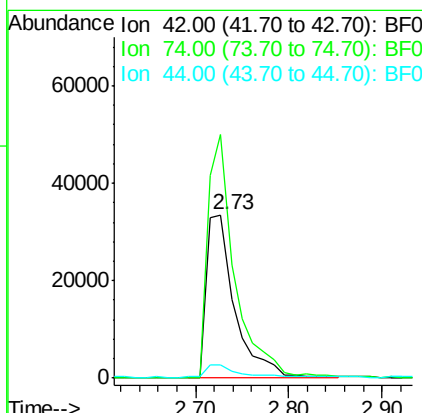
Manual Integrations
 APPROVED

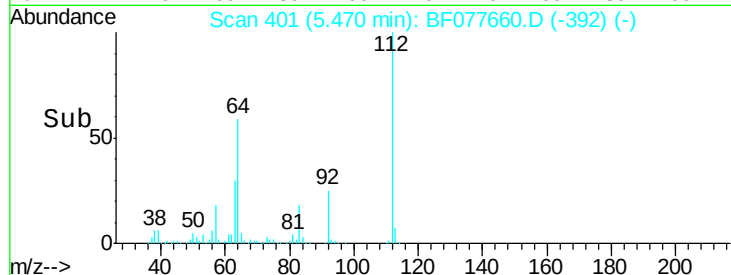
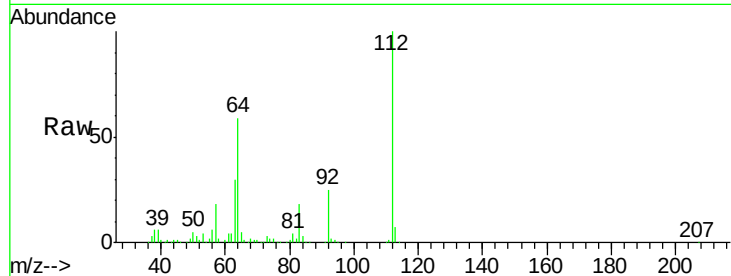
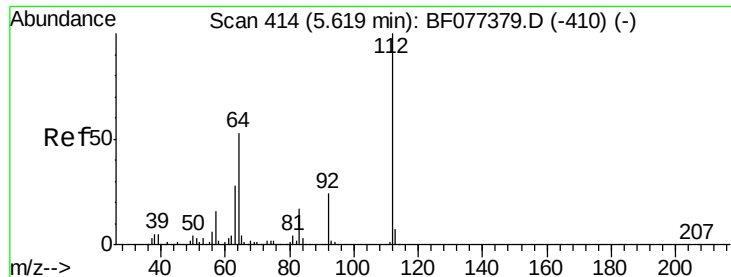
mohammad
 3/12/2015 2:21:43 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.81 ng
 RT: 2.73 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:	42	Resp:	71943
Ion Ratio	Lower	Upper	
42	100		
74	143.5	107.1	160.7
44	8.5	6.7	10.1





#5

2-Fluorophenol

Concen: 78.48 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF077660.D

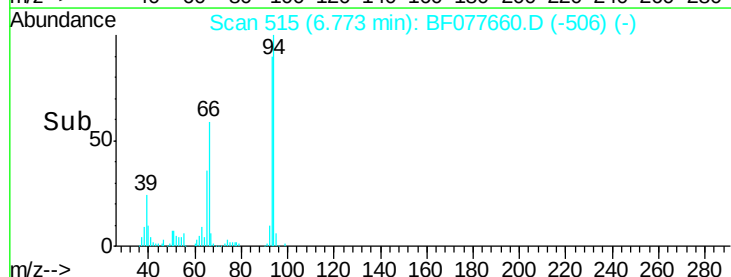
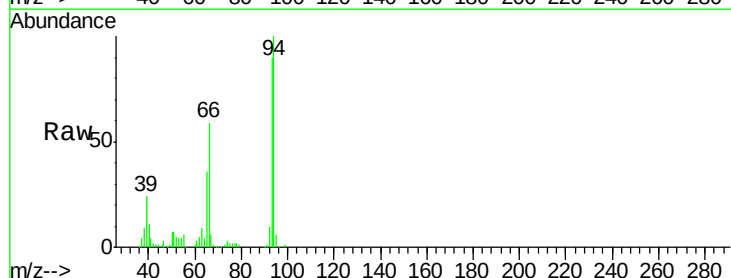
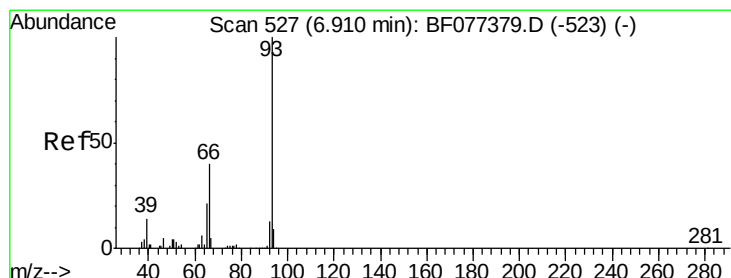
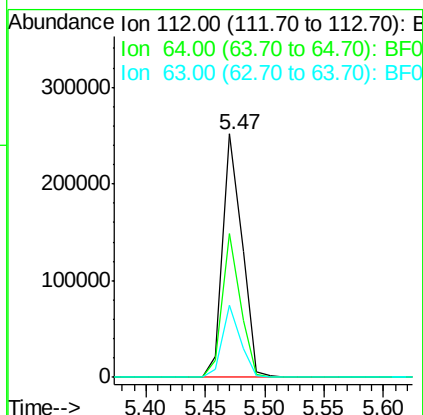
Acq: 10 Mar 2015 14:49

Tot Ion:	112	Resp:	282914
Ion Ratio	Lower	Upper	
112	100		
64	59.3	48.5	72.7
63	29.7	25.0	37.4

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#6

Aniline

Concen: 18.05 ng

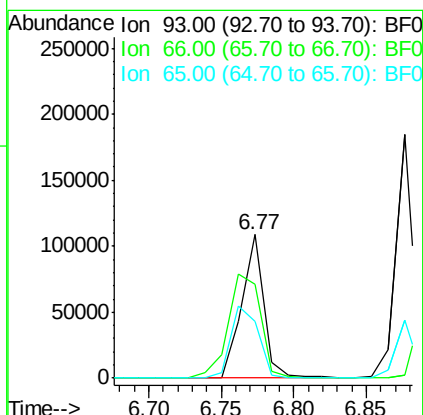
RT: 6.77 min Scan# 515

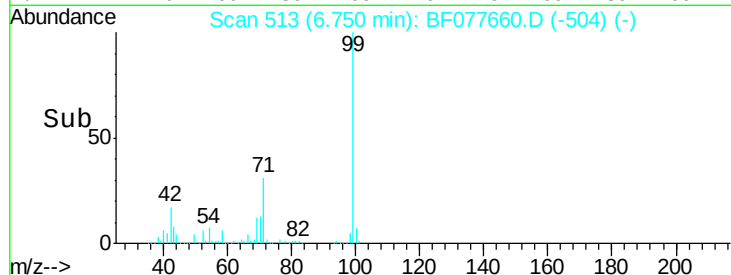
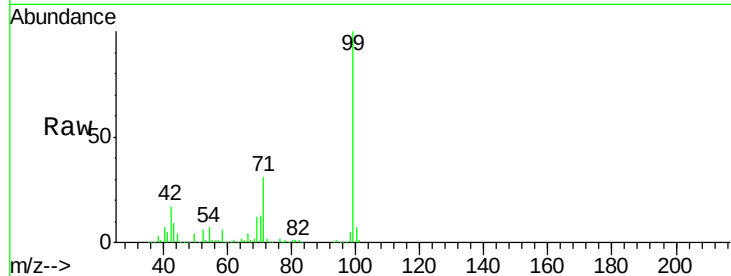
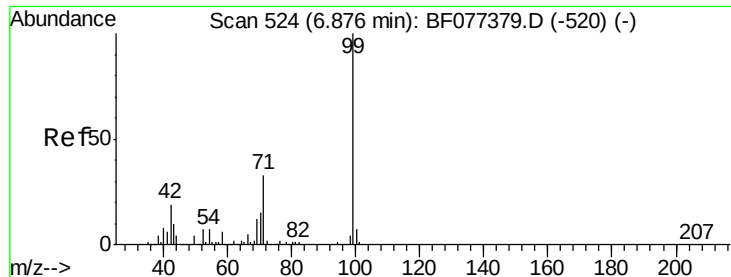
Delta R.T. 0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	93	Resp:	115658
Ion Ratio	Lower	Upper	
93	100		
66	65.4	29.1	43.7#
65	39.7	14.6	22.0#





#7

Phenol-d6

Concen: 78.40 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tot Ion:	99	Resp:	363419
Ion Ratio	Lower	Upper	
99	100		
42	16.6	16.2	24.4
71	31.4	26.7	40.1

Instrument :

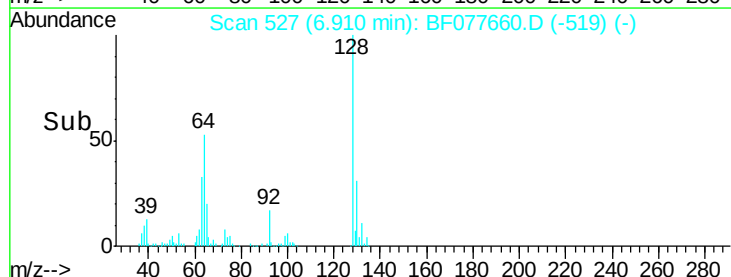
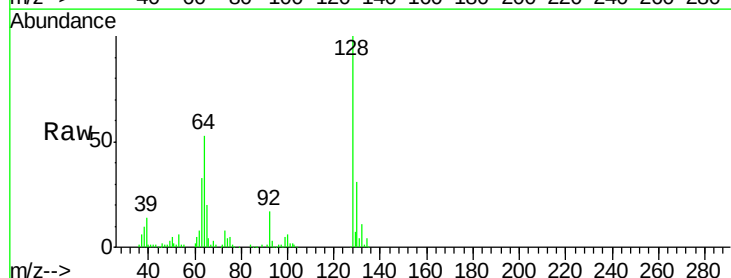
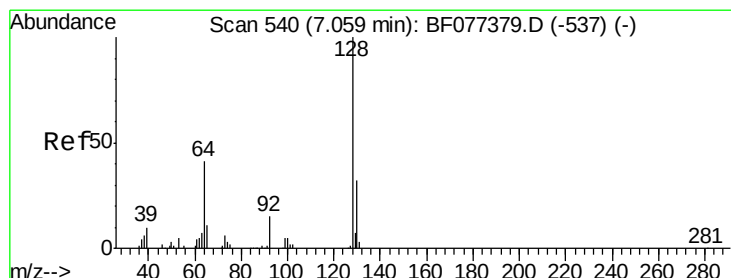
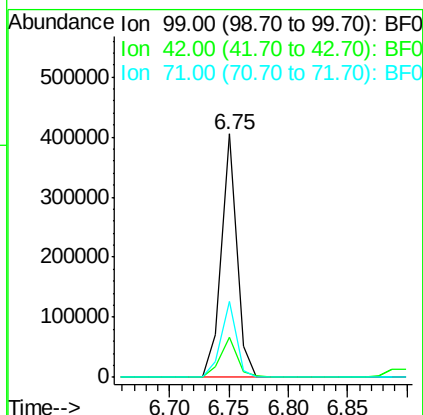
BNA_F

ClientSampleId :

PB81894BSD

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#8

2-Chlorophenol

Concen: 39.09 ng

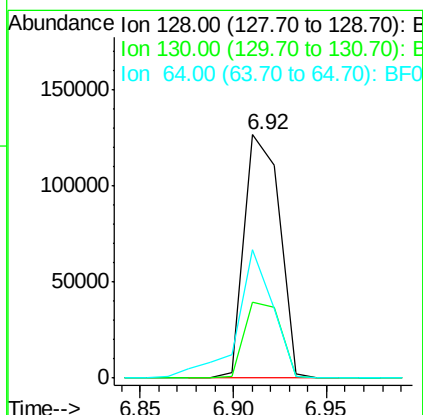
RT: 6.92 min Scan# 527

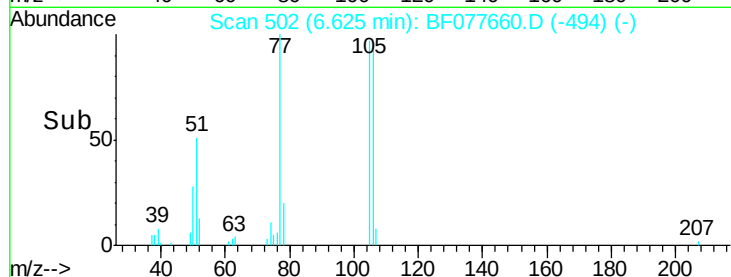
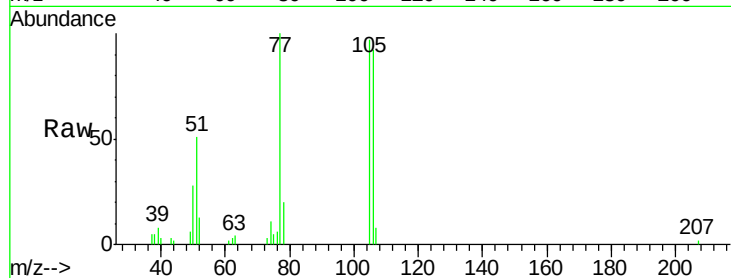
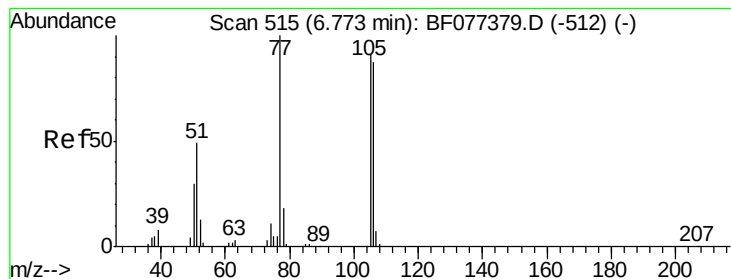
Delta R.T. 0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	128	Resp:	166247
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.0	52.0
64	52.7	29.2	69.2





#9

Benzaldehyde

Concen: 7.19 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tot Ion:	77	Resp:	20243
Ion Ratio	Lower	Upper	
77	100		
105	96.8	85.9	125.9
106	92.2	82.9	122.9

Instrument :

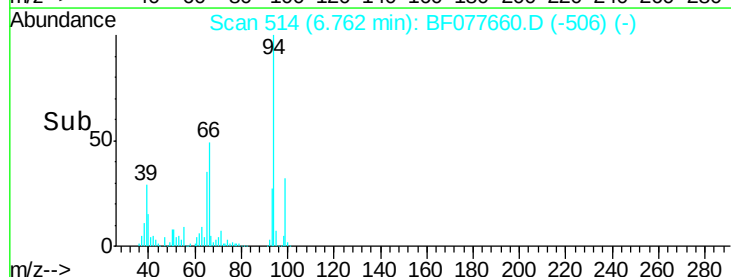
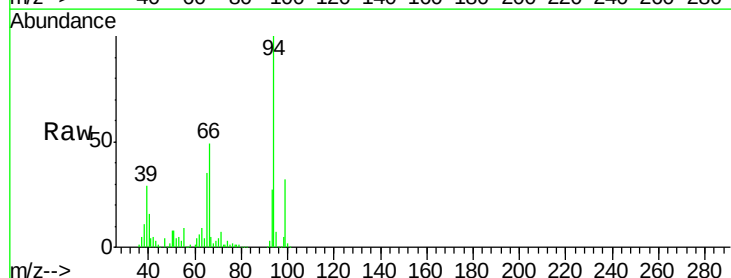
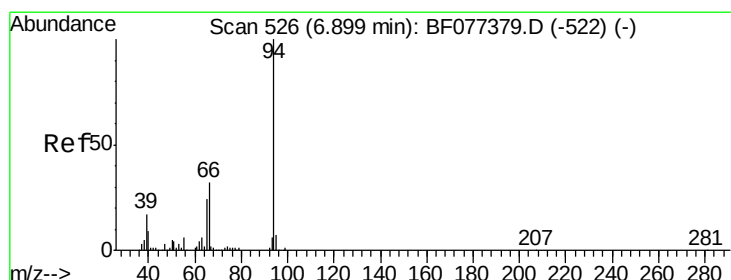
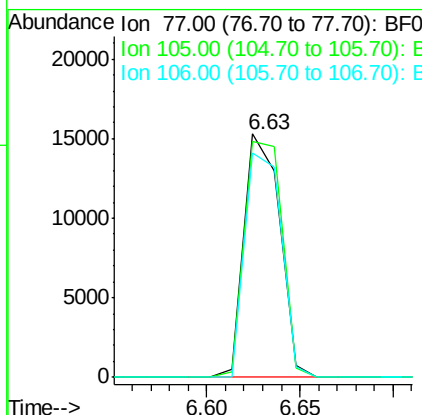
BNA_F

ClientSampleId :

PB81894BSD

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#10

Phenol

Concen: 35.81 ng

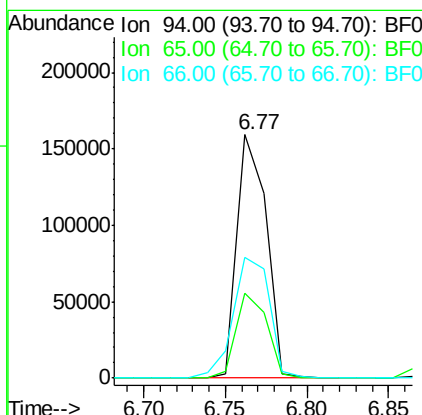
RT: 6.77 min Scan# 514

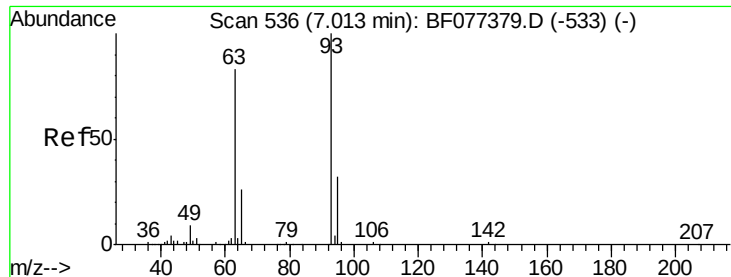
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	94	Resp:	196938
Ion Ratio	Lower	Upper	
94	100		
65	34.6	5.7	45.7
66	49.5	13.6	53.6





#11

bis(2-Chloroethyl)ether

Concen: 39.72 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

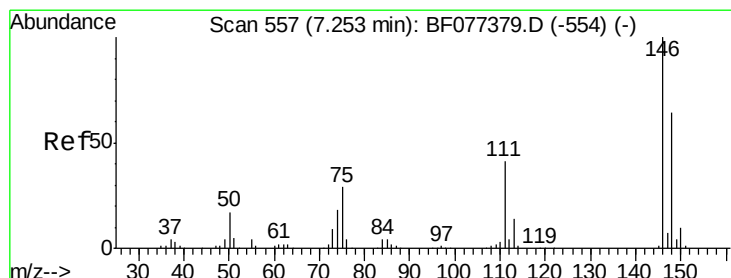
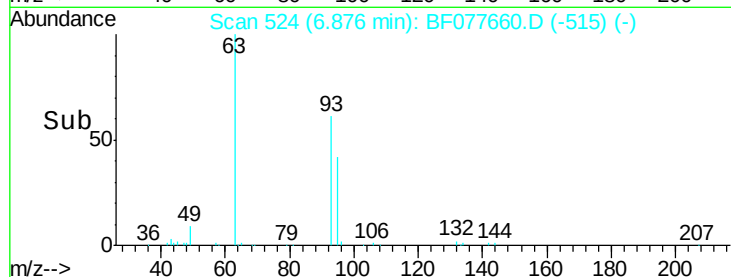
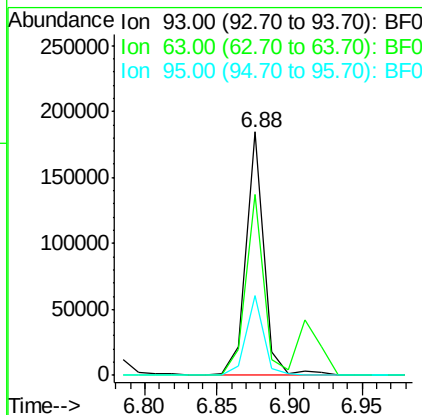
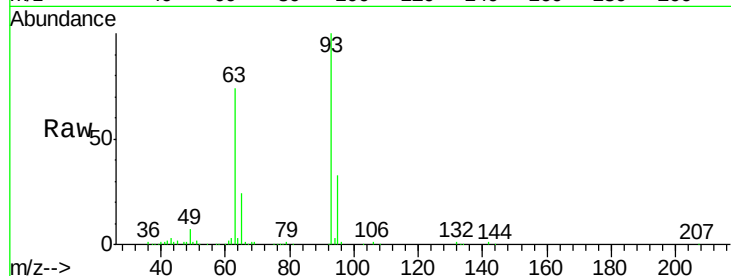
ClientSampleId :

PB81894BSD

Tot Ion:	93	Resp:	156980
Ion	Ratio	Lower	Upper
93	100		
63	74.0	48.7	88.7
95	32.7	13.6	53.6

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#12

1,3-Dichlorobenzene

Concen: 37.57 ng

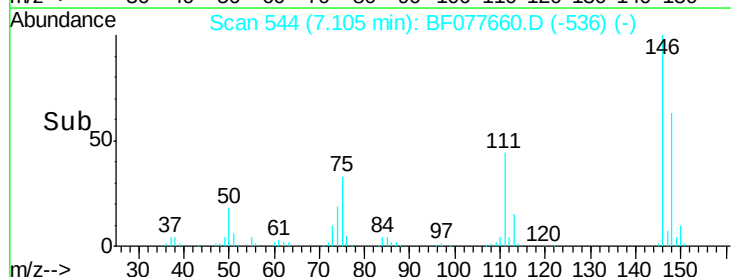
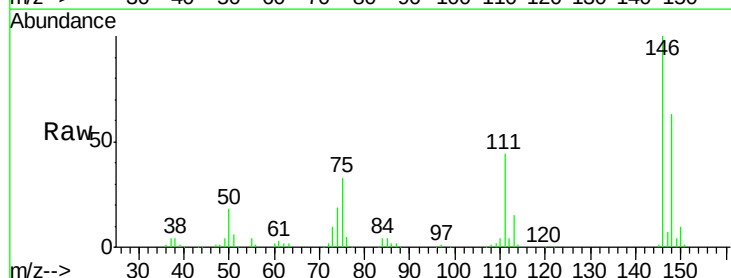
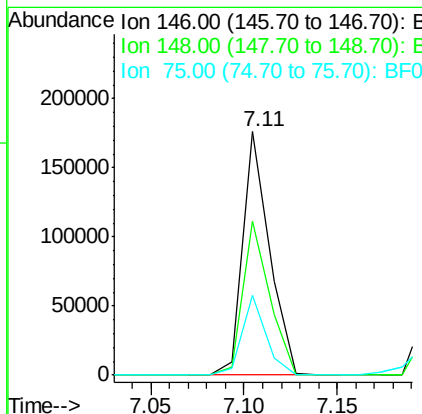
RT: 7.11 min Scan# 544

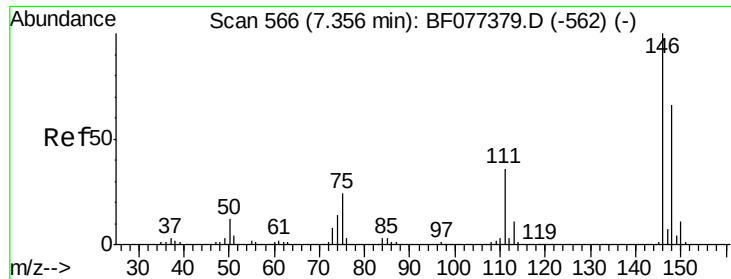
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	146	Resp:	173996
Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.8	74.8
75	32.9	28.2	42.4





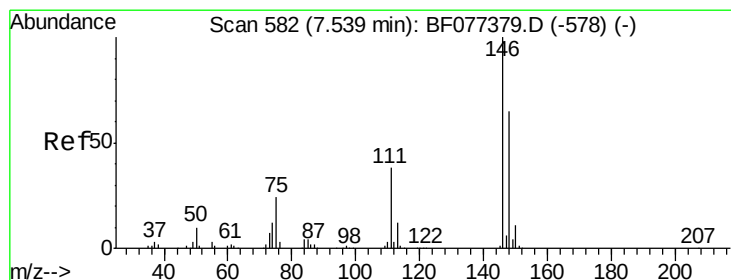
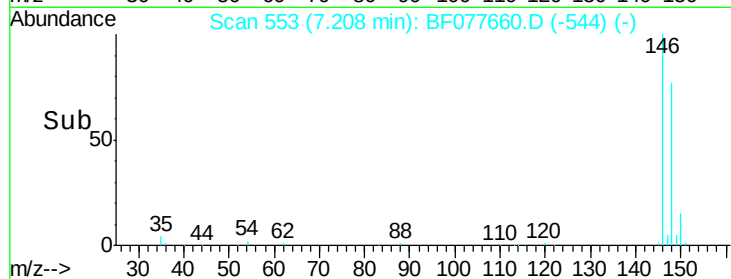
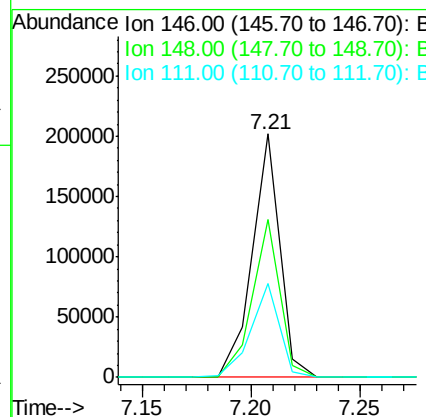
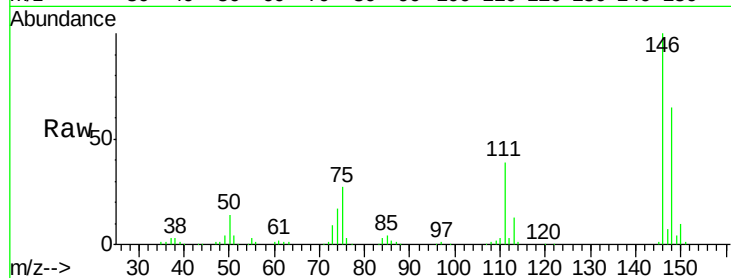
#13
 1,4-Dichlorobenzene
 Concen: 37.67 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	38.5	31.9	47.9

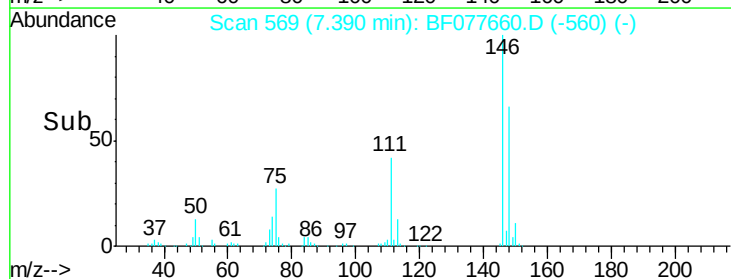
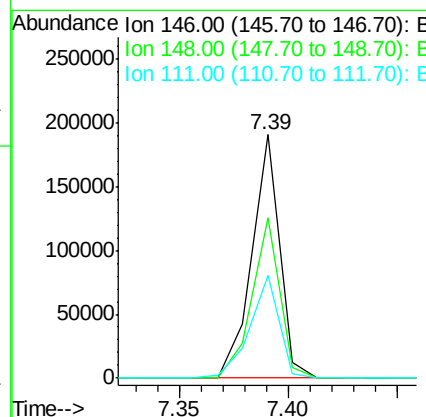
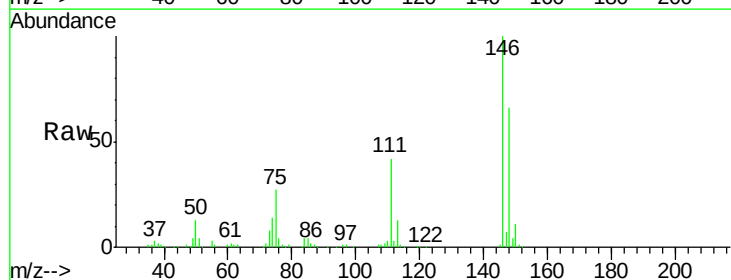
Manual Integrations
 APPROVED

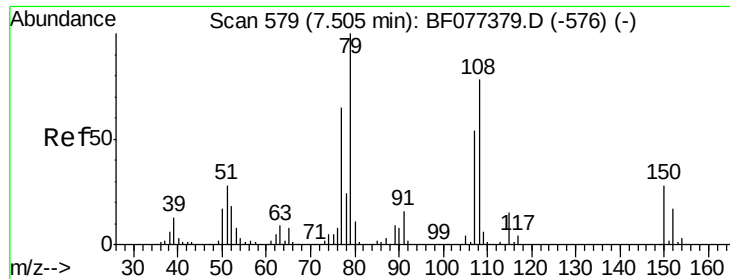
mohammad
 3/12/2015 2:21:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.66 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	42.3	34.2	51.2





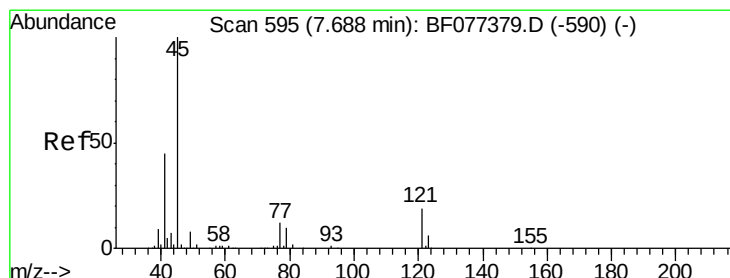
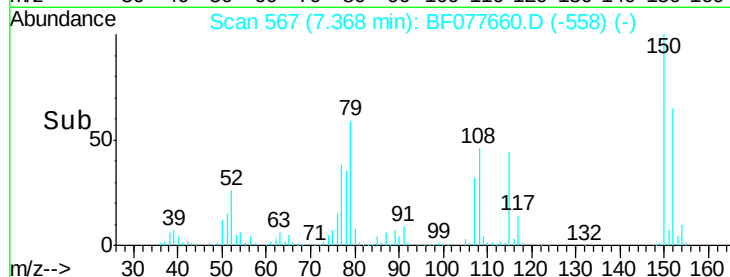
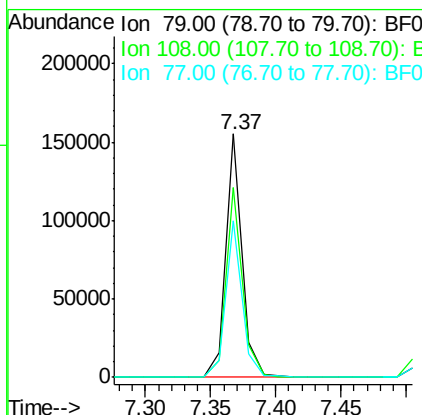
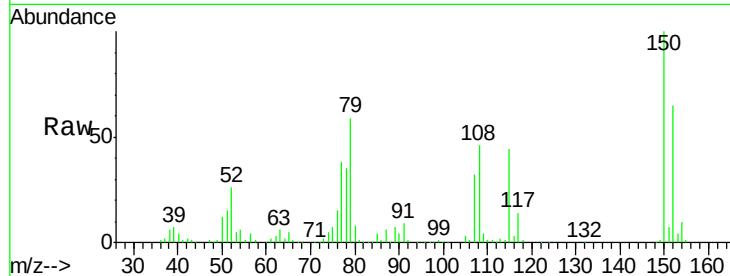
#15
Benzyl Alcohol
Concen: 38.29 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleID :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	134911		
108	78.0	58.3	87.5	
77	64.3	51.3	76.9	

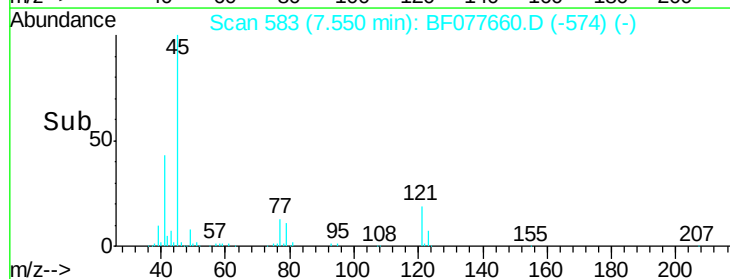
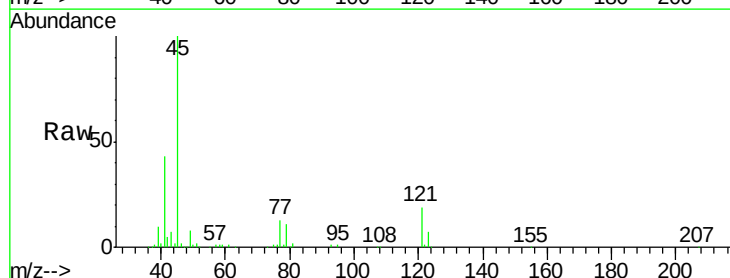
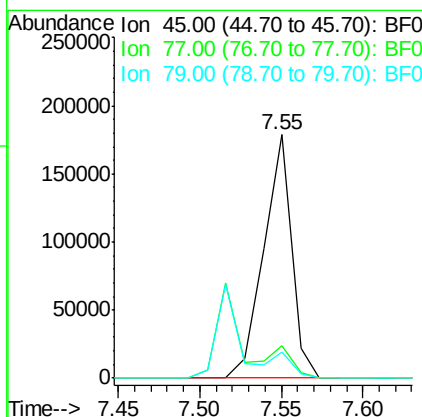
Manual Integrations
APPROVED

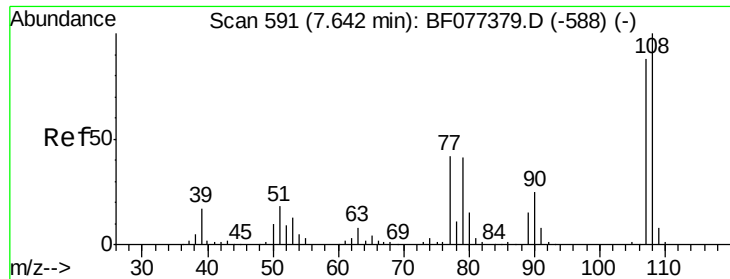
mohammad
3/12/2015 2:21:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.91 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	214142		
77	13.4	0.0	34.6	
79	10.7	0.0	31.5	





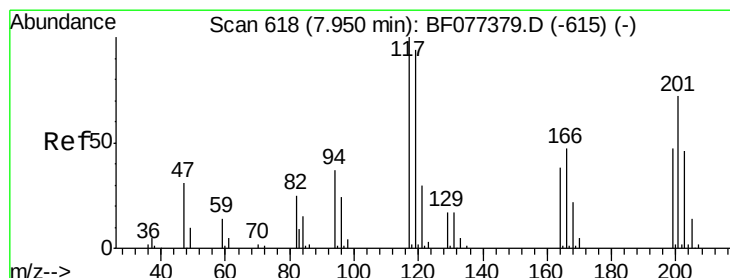
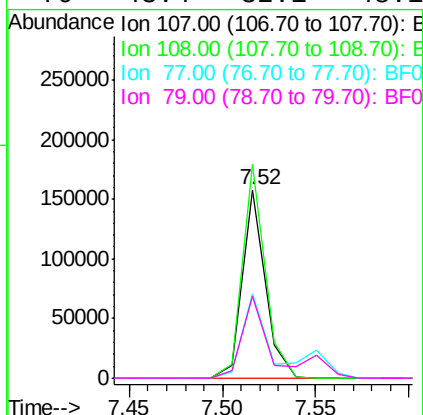
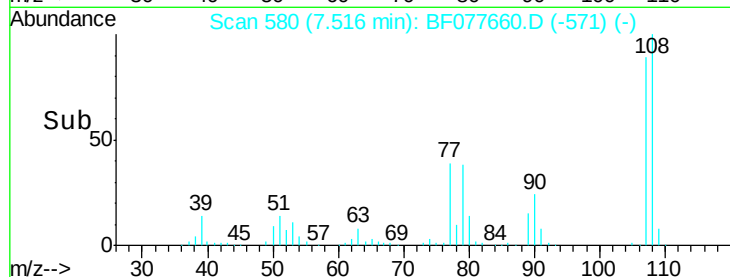
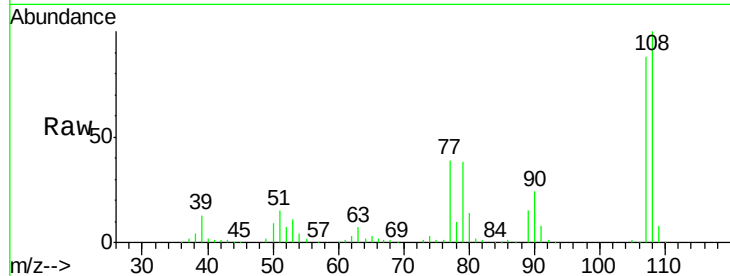
#17
2-Methylphenol
Concen: 40.72 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	107	Resp	135344
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.2	136.8
77	44.5	33.6	50.4
79	43.4	32.1	48.1

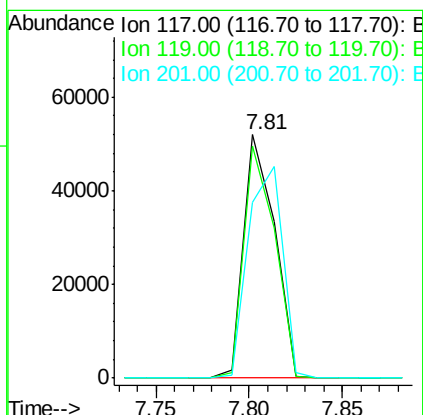
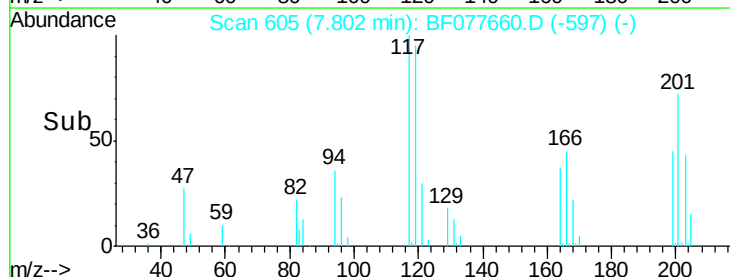
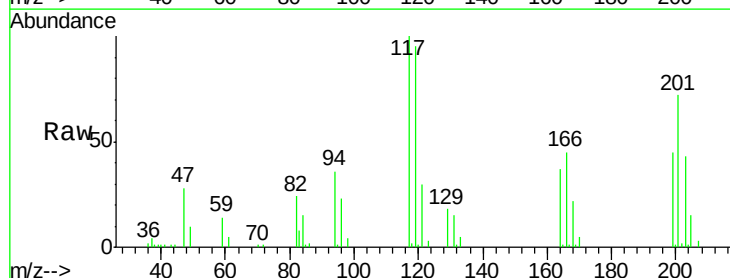
Manual Integrations
APPROVED

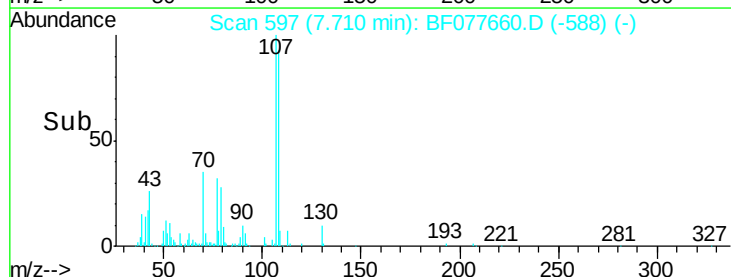
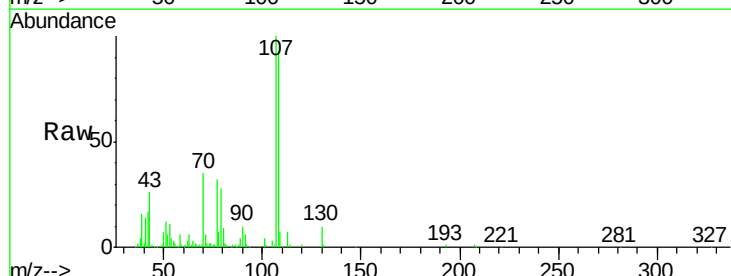
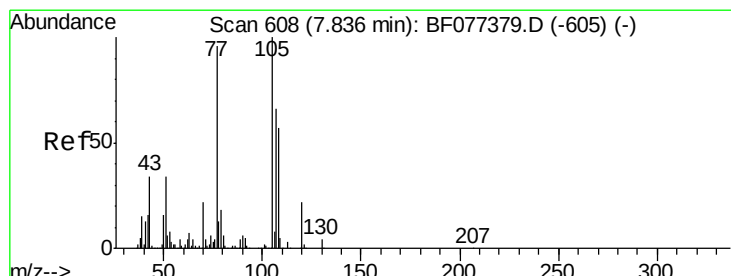
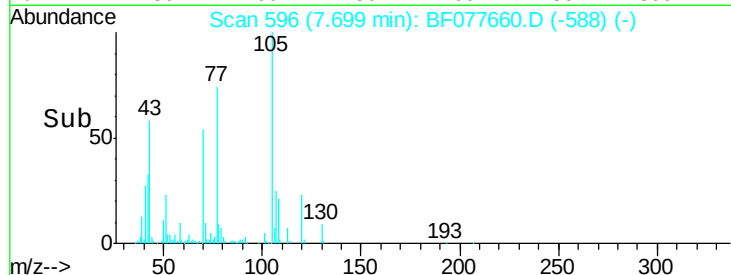
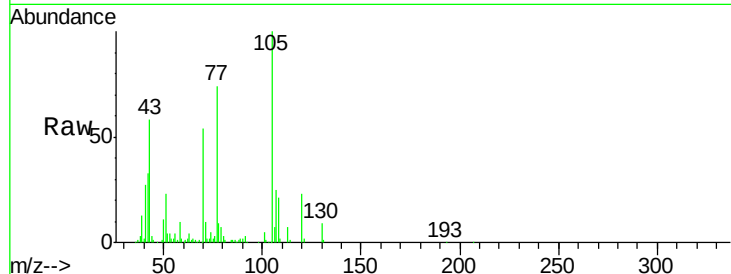
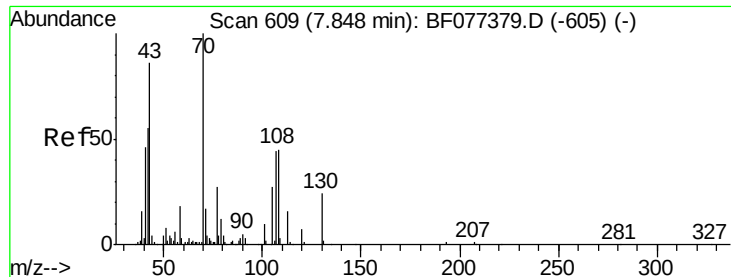
mohammad
3/12/2015 2:21:43 PM



#18
Hexachloroethane
Concen: 38.09 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	117	Resp	59939
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.8	116.8
201	71.9	90.6	136.0#

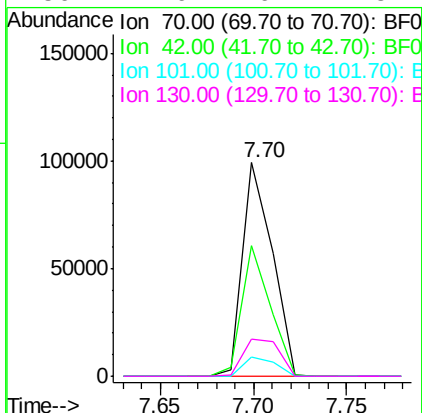




#19
n-Nitroso-di-n-propylamine
Concen: 37.35 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	48.3	72.5		
101	8.9	7.5	11.3		
130	17.6	16.7	25.1		

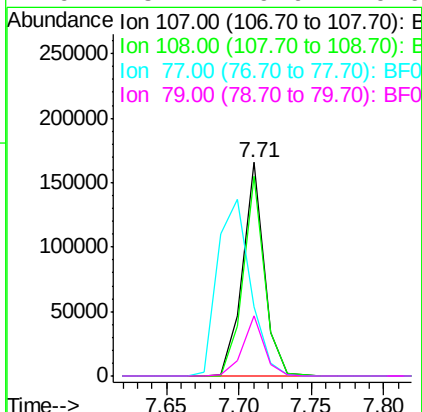


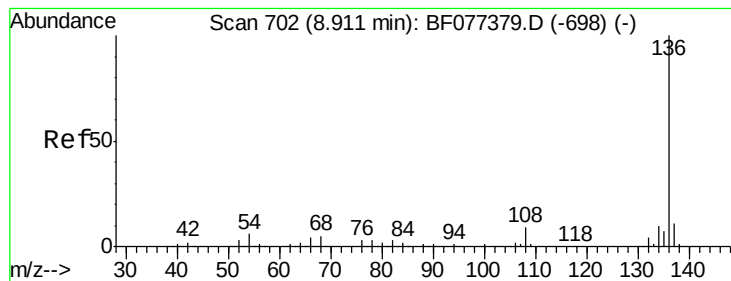
Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM

#20
3+4-Methylphenols
Concen: 39.32 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.4	76.8	116.8		
77	32.5	65.8	105.8		
79	28.4	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

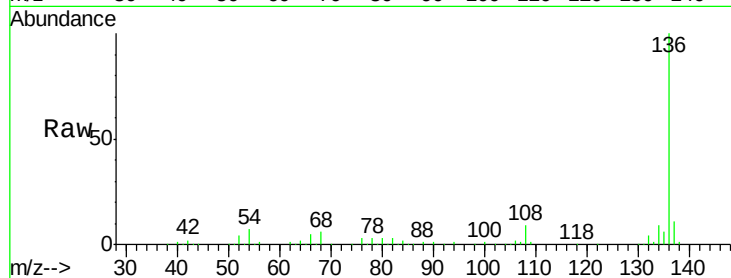
ClientSampleId :

PB81894BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		236972		
137	10.5		8.6	13.0	
54	6.8		6.2	9.4	
68	5.5		5.0	7.6	

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM

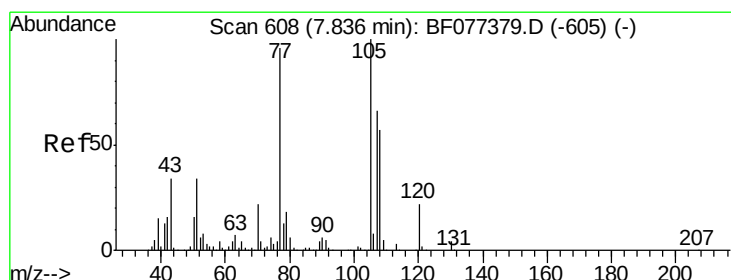
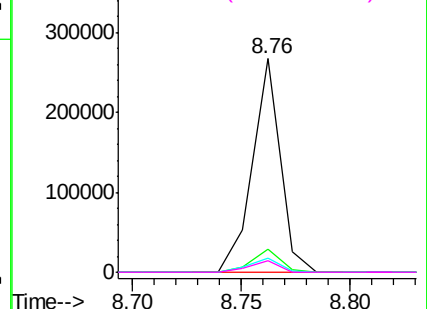
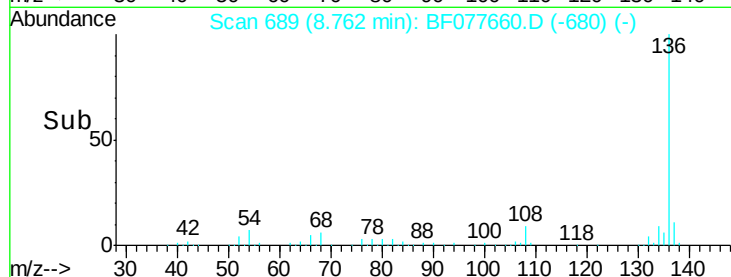


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.55 ng

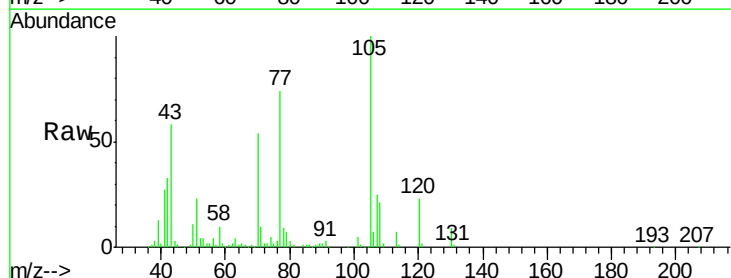
RT: 7.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		226049		
71	9.5		1.7	2.5#	
51	23.4		30.7	46.1#	
120	22.7		16.7	25.1	

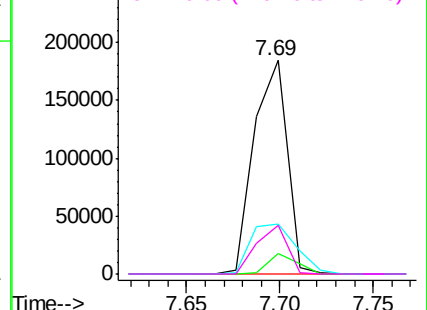
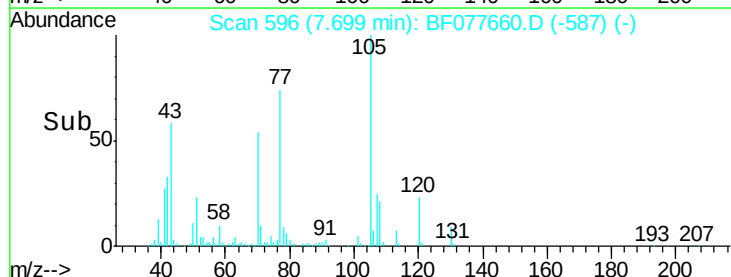


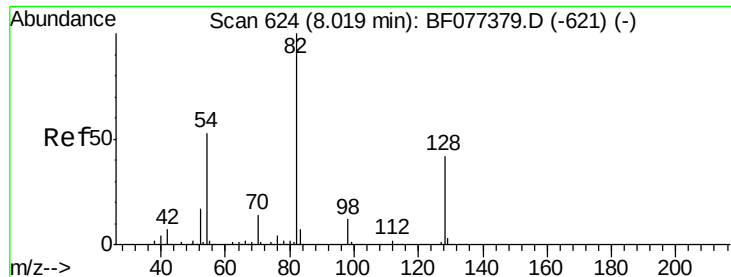
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





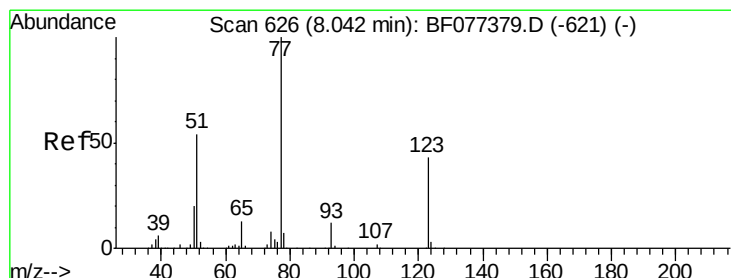
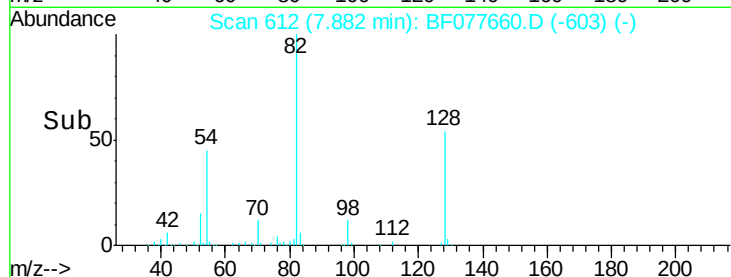
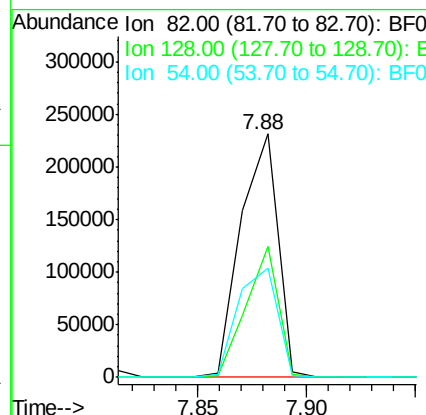
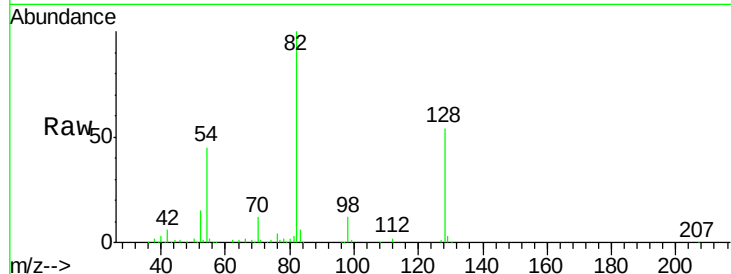
#23
Nitrobenzene-d5
Concen: 71.80 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	82	Resp	273597
Ion Ratio	100	Lower	Upper
128	53.7	43.8	65.8
54	44.7	36.7	55.1

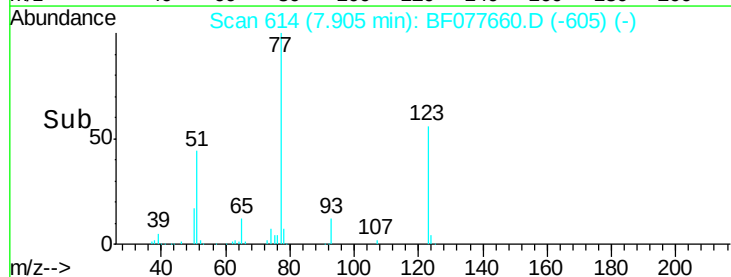
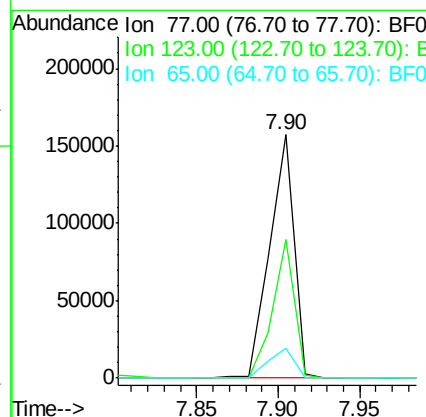
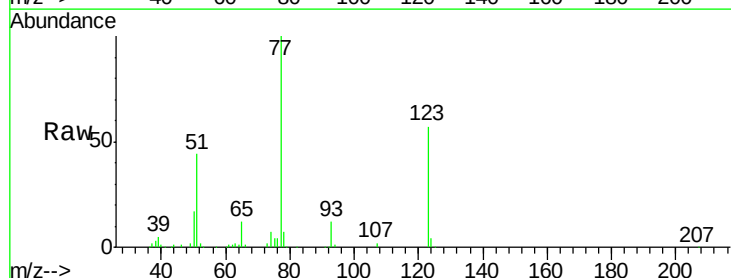
Manual Integrations
APPROVED

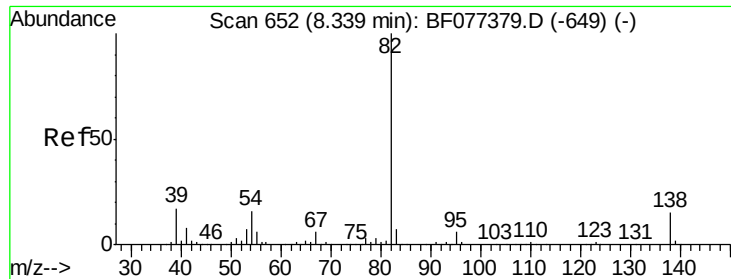
mohammad
3/12/2015 2:21:43 PM



#24
Nitrobenzene
Concen: 41.00 ng
RT: 7.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	77	Resp	164372
Ion Ratio	100	Lower	Upper
123	57.2	45.9	68.9
65	12.4	9.5	14.3





#25

Isophorone

Concen: 40.69 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

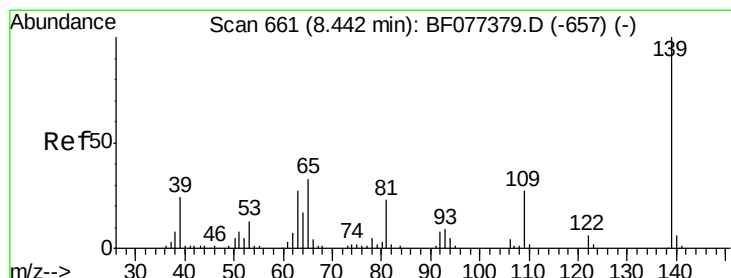
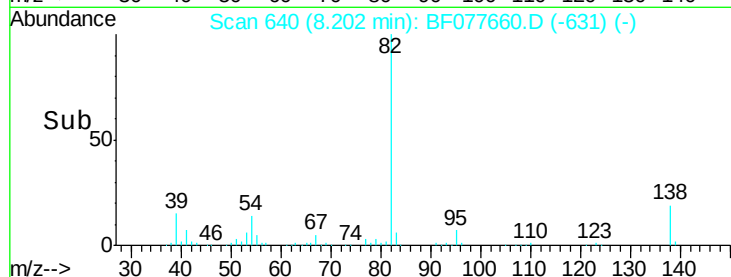
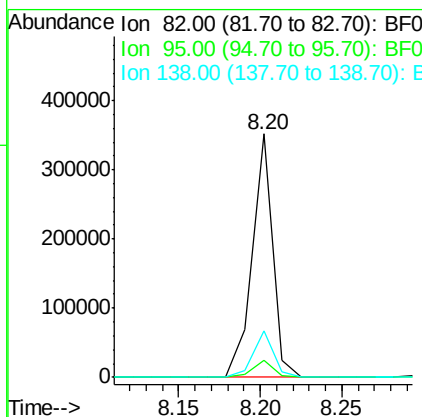
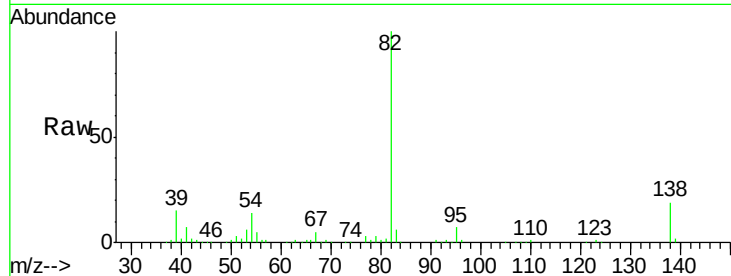
ClientSampleId :

PB81894BSD

Tot Ion:	82	Resp:	307657
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.8	16.3	24.5

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#26

2-Nitrophenol

Concen: 51.33 ng

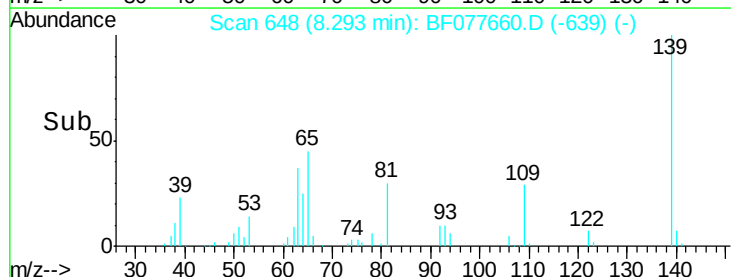
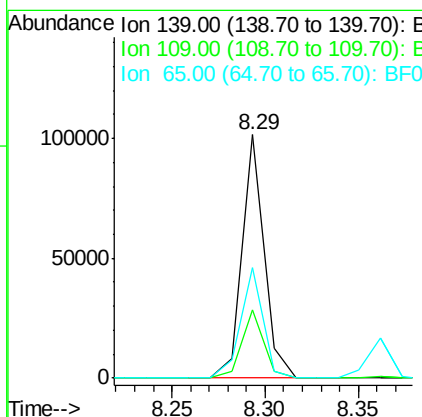
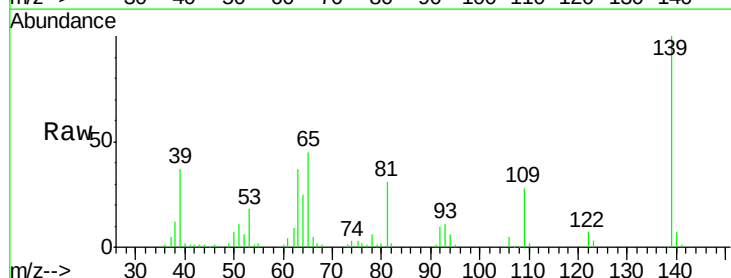
RT: 8.29 min Scan# 648

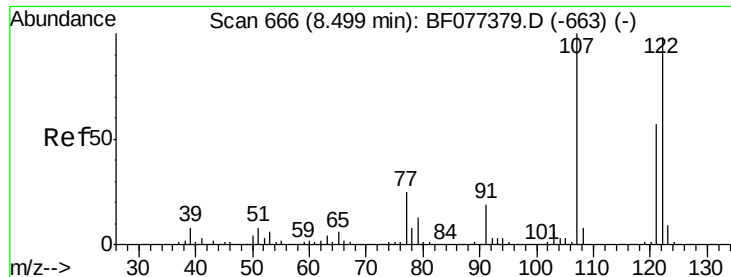
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	139	Resp:	84346
Ion Ratio		Lower	Upper
139	100		
109	28.3	22.6	34.0
65	45.4	36.4	54.6





#27

2,4-Dimethylphenol

Concen: 42.66 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

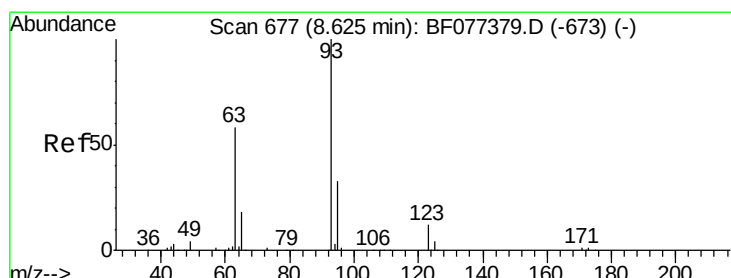
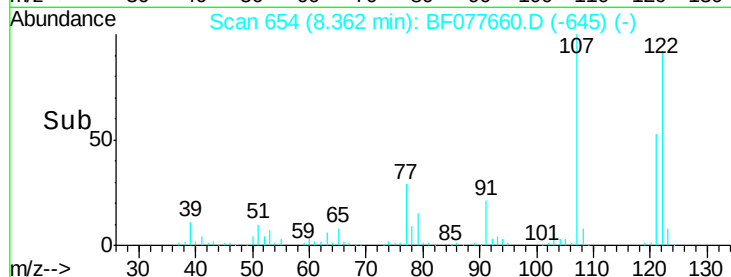
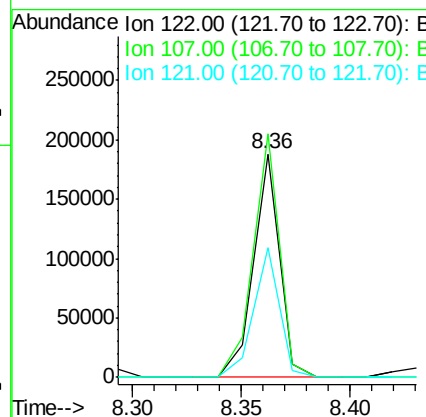
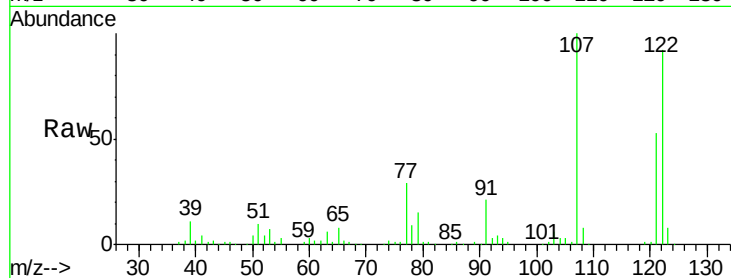
ClientSampleId :

PB81894BSD

Tot Ion:	122	Resp:	156858
Ion Ratio	Lower	Upper	
122	100		
107	108.8	86.6	130.0
121	57.8	47.4	71.0

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.00 ng

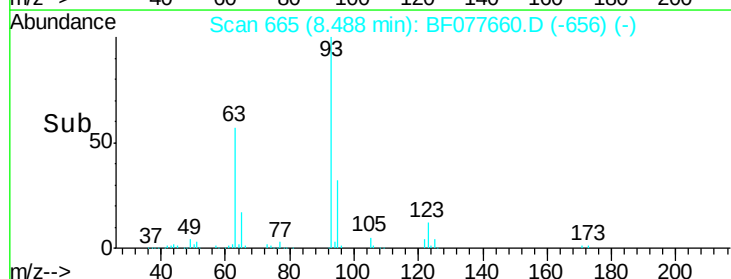
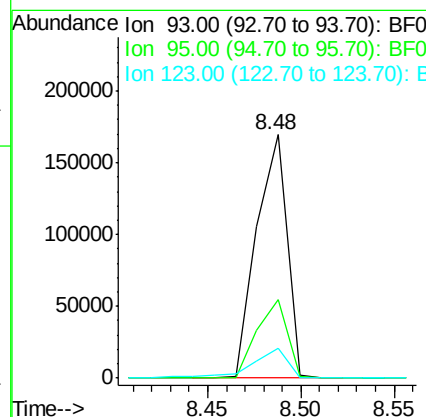
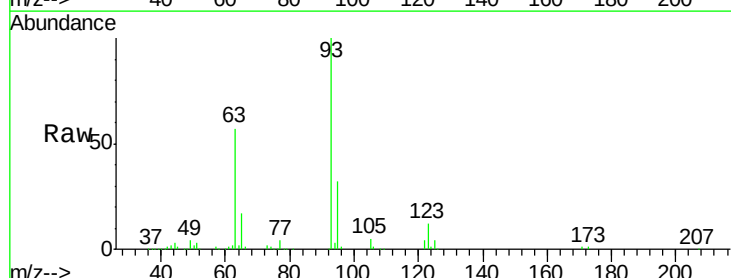
RT: 8.48 min Scan# 665

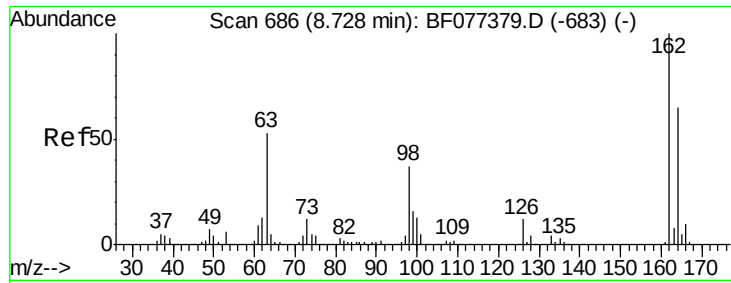
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	93	Resp:	191029
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	12.5	8.7	13.1





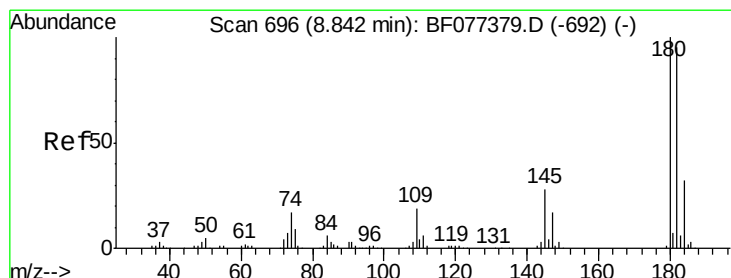
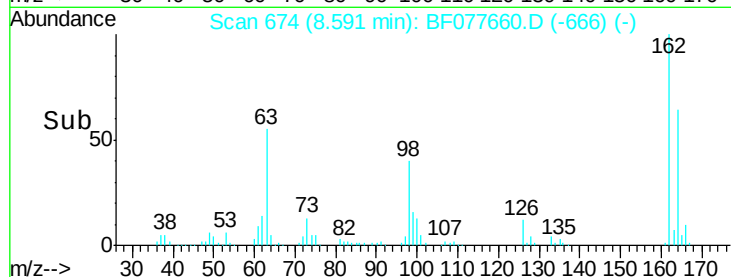
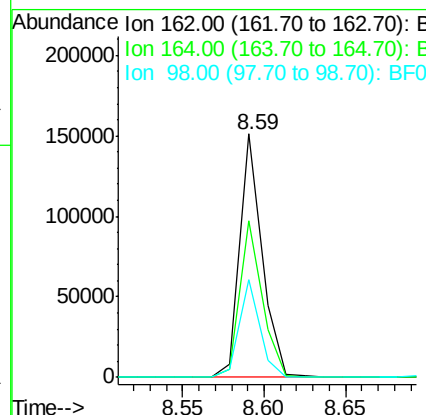
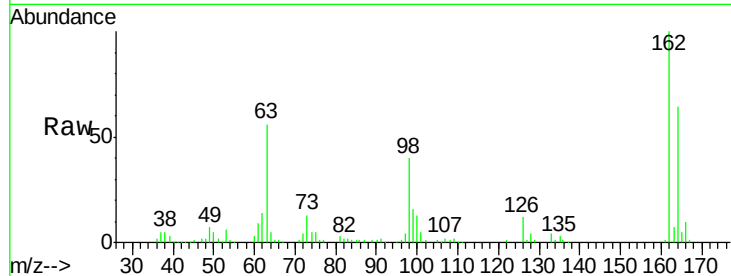
#29
 2,4-Dichlorophenol
 Concen: 41.11 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion:	162	Resp:	141878
Ion Ratio	Lower	Upper	
162	100		
164	64.4	46.4	86.4
98	39.9	6.9	46.9

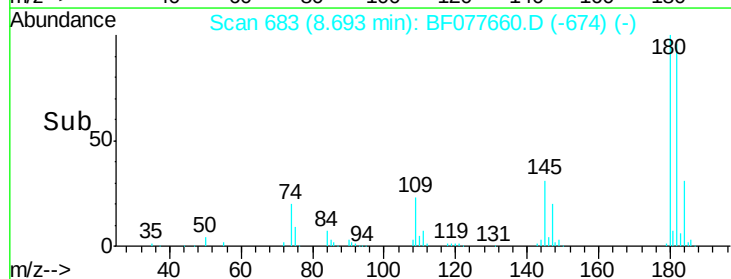
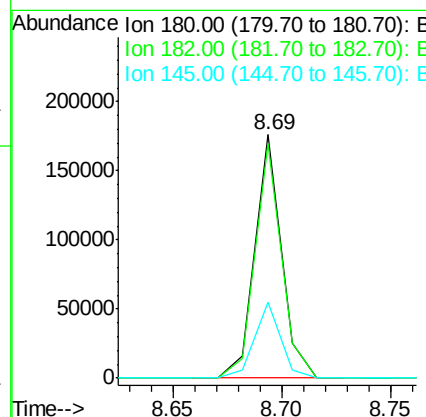
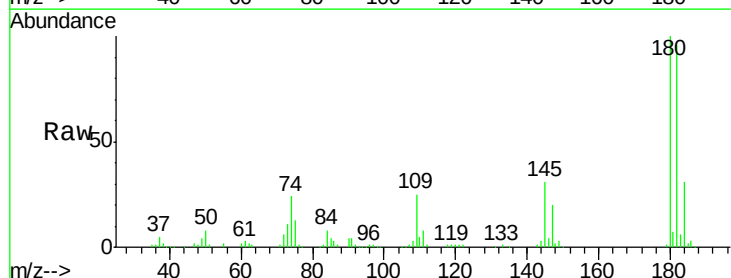
Manual Integrations
 APPROVED

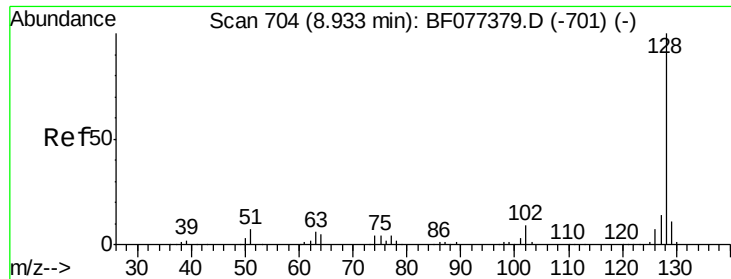
mohammad
 3/12/2015 2:21:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.37 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:	180	Resp:	149368
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.2	114.4
145	31.4	24.5	36.7





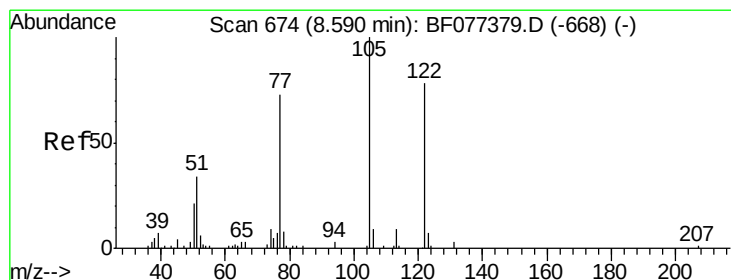
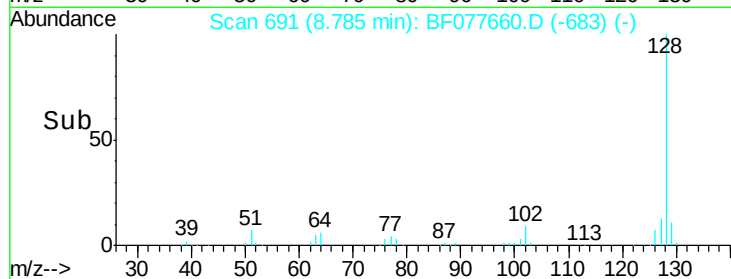
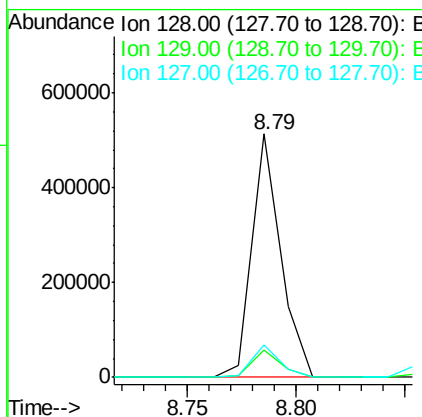
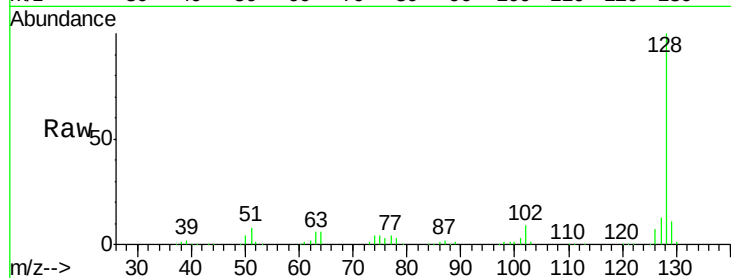
#31
Naphthalene
Concen: 39.90 ng
RT: 8.79 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	472847		
129	11.4	9.4	14.0	
127	13.4	10.6	15.8	

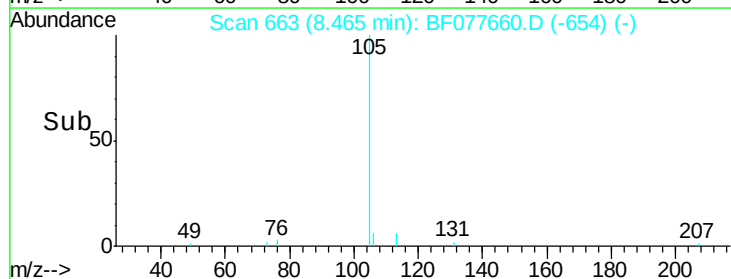
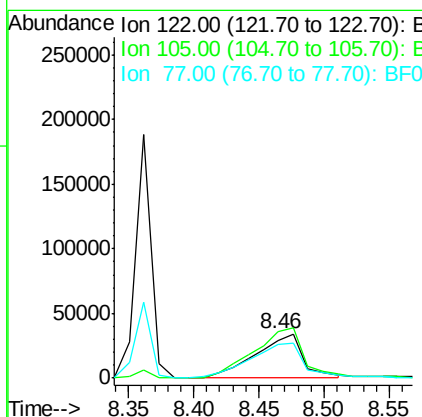
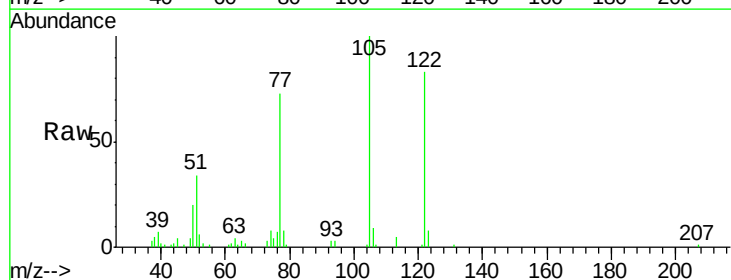
Manual Integrations
APPROVED

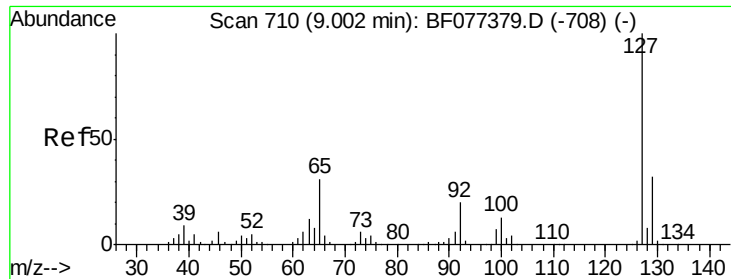
mohammad
3/12/2015 2:21:43 PM



#32
Benzoic acid
Concen: 47.88 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85543		
105	120.8	100.3	140.3	
77	88.5	68.7	108.7	





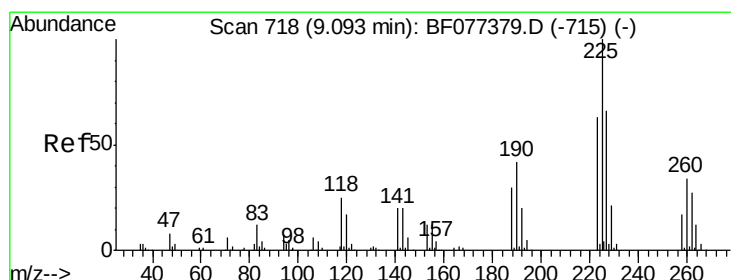
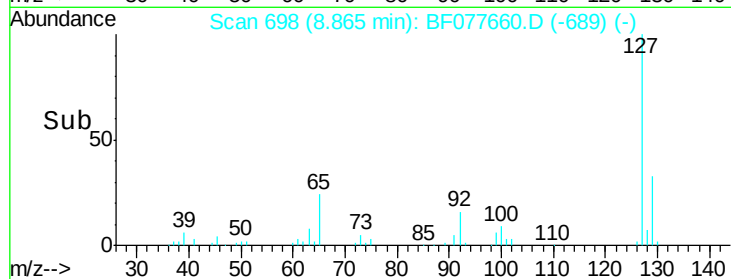
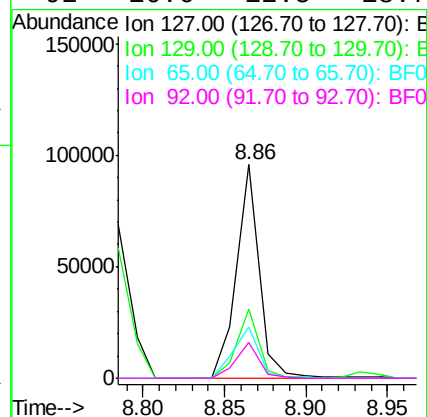
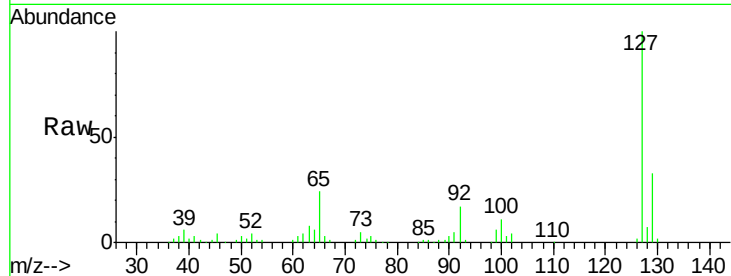
#33
4-Chloroaniline
Concen: 17.41 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.9	40.3
65	24.0	16.7	25.1
92	16.6	12.5	18.7

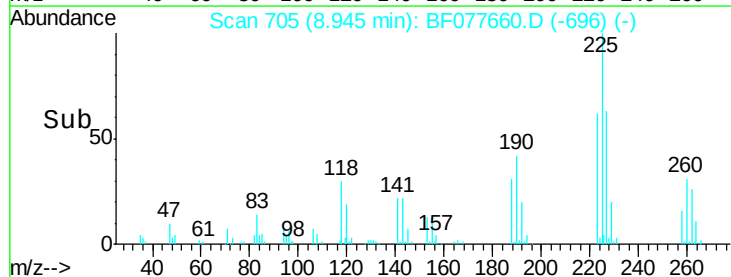
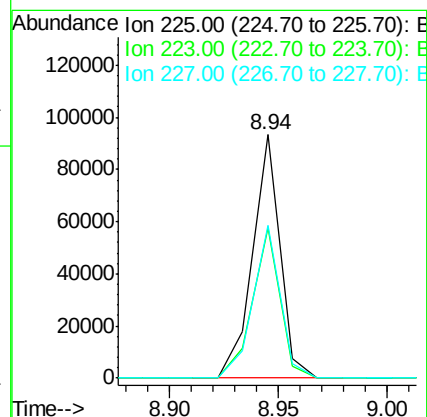
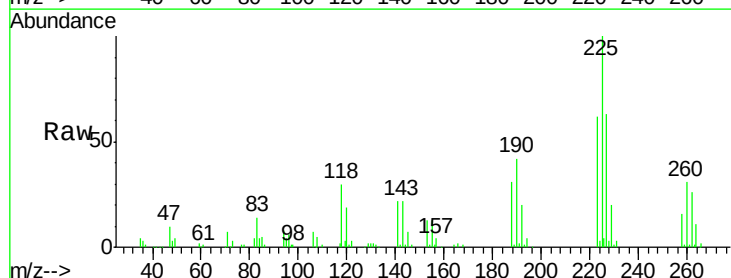
Manual Integrations
APPROVED

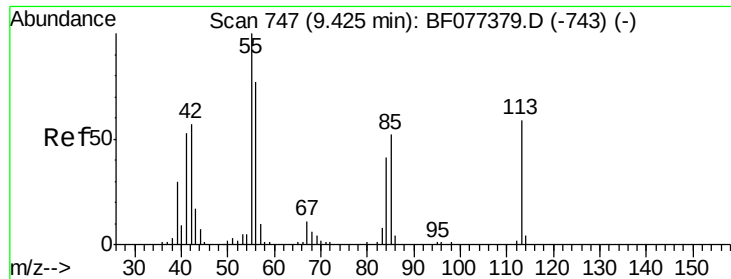
mohammad
3/12/2015 2:21:43 PM



#34
Hexachlorobutadiene
Concen: 37.52 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.5	74.3
227	63.0	50.5	75.7





#35

Caprolactam

Concen: 41.48 ng

RT: 9.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

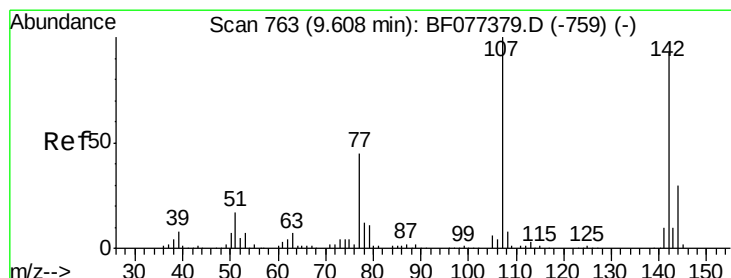
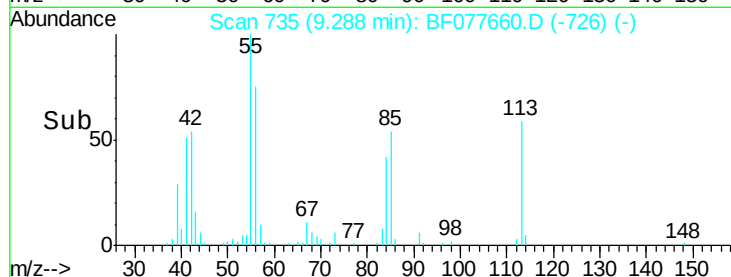
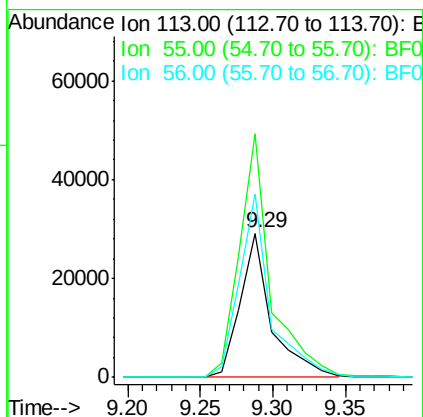
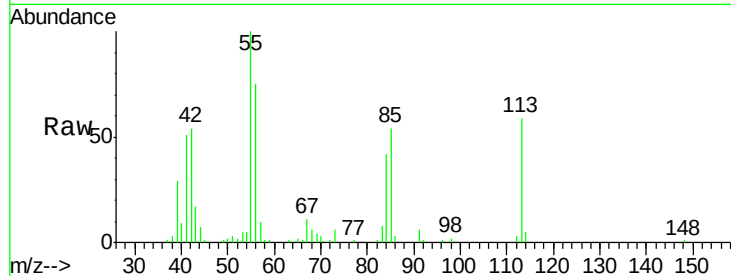
ClientSampleId :

PB81894BSD

Tot Ion:	113	Resp:	43699
Ion Ratio	Lower	Upper	
113	100		
55	169.0	154.6	194.6
56	127.4	114.0	154.0

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#36

4-Chloro-3-methylphenol

Concen: 42.38 ng

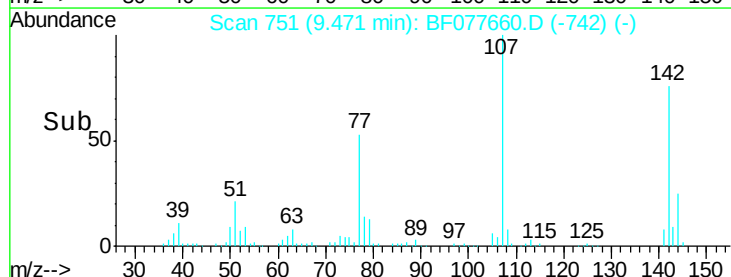
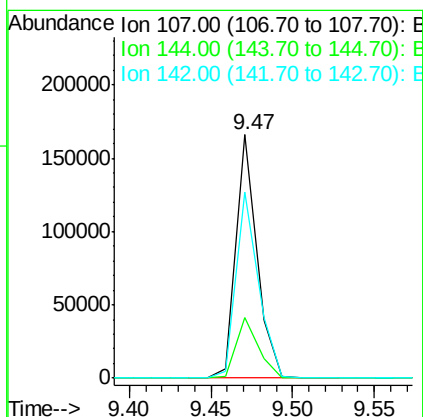
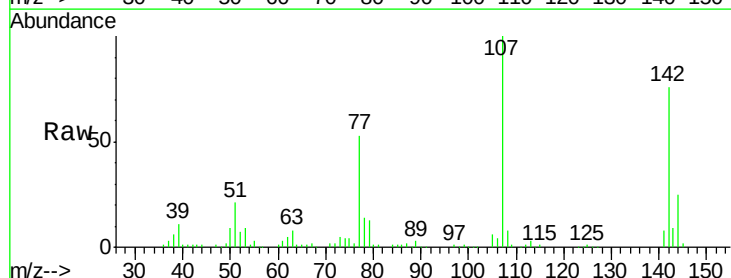
RT: 9.47 min Scan# 751

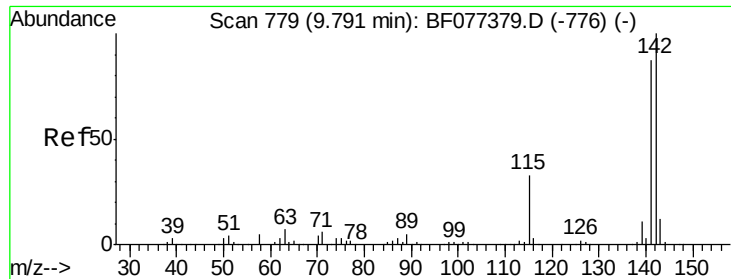
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	107	Resp:	147049
Ion Ratio	Lower	Upper	
107	100		
144	24.9	21.1	31.7
142	76.2	65.3	97.9





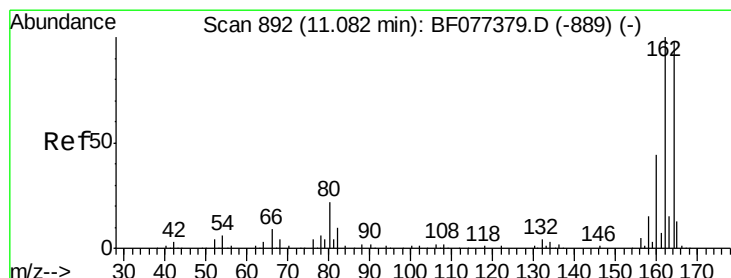
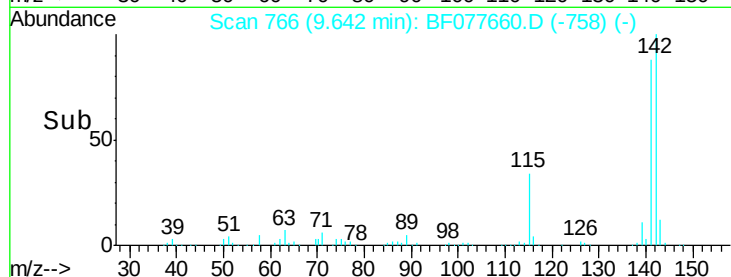
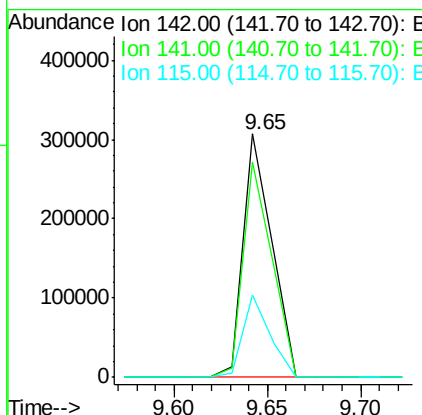
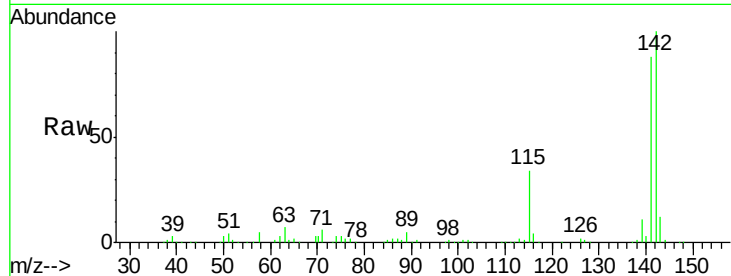
#37
2-Methylnaphthalene
Concen: 38.86 ng
RT: 9.65 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	33.9	24.2	36.4

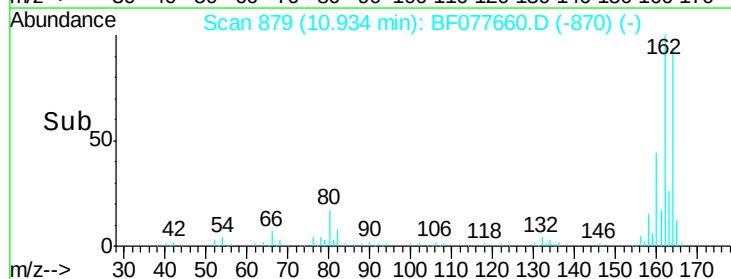
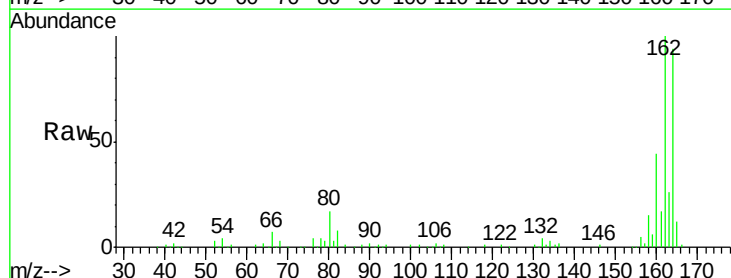
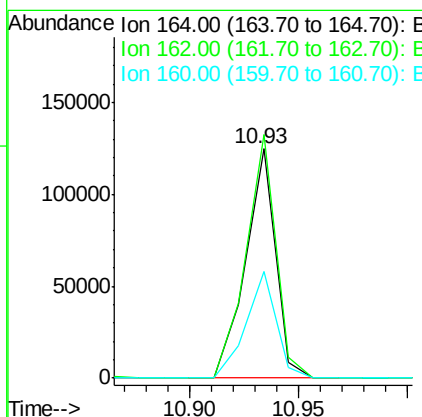
Manual Integrations
APPROVED

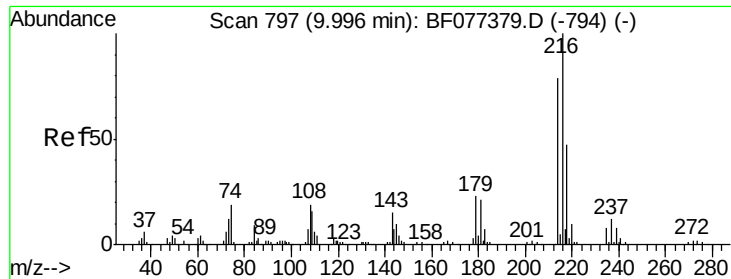
mohammad
3/12/2015 2:21:43 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.2	124.8
160	46.5	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

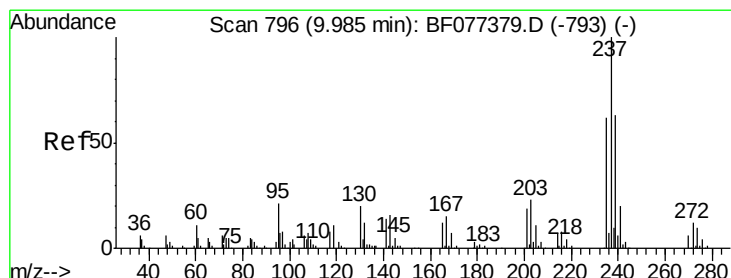
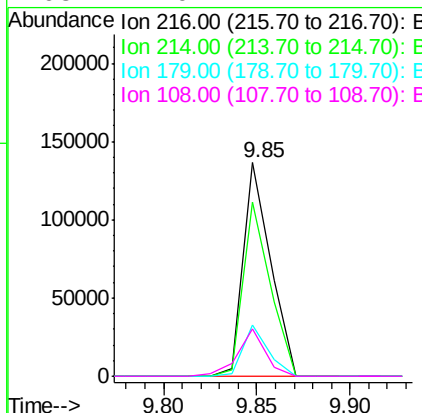
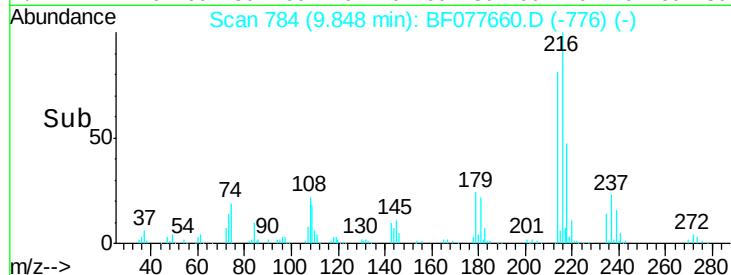
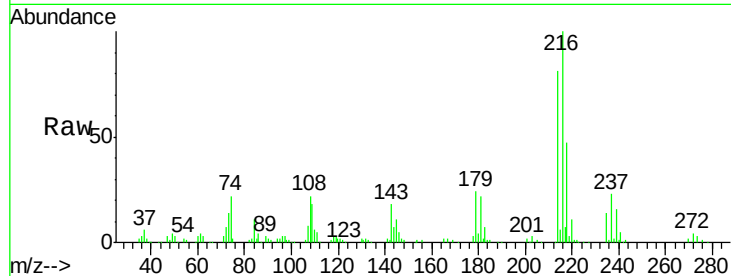
ClientSampleId :

PB81894BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9		63.4	95.0	
179	22.0		16.6	25.0	
108	22.0		14.2	21.4	

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#40

Hexachlorocyclopentadiene

Concen: 79.30 ng

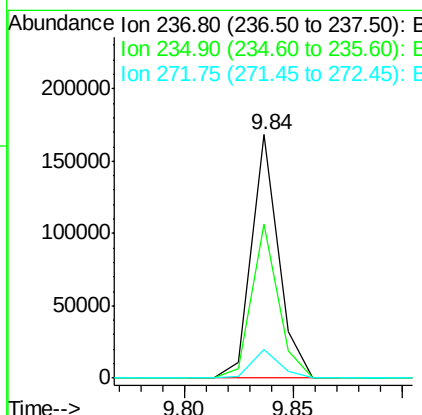
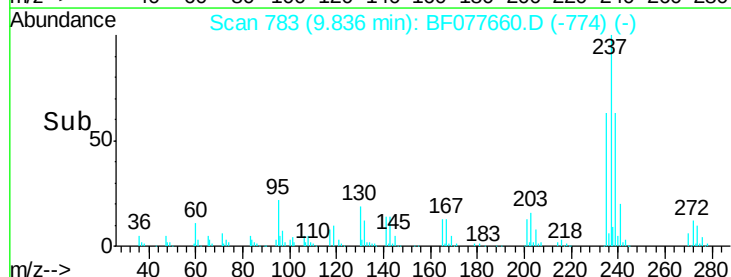
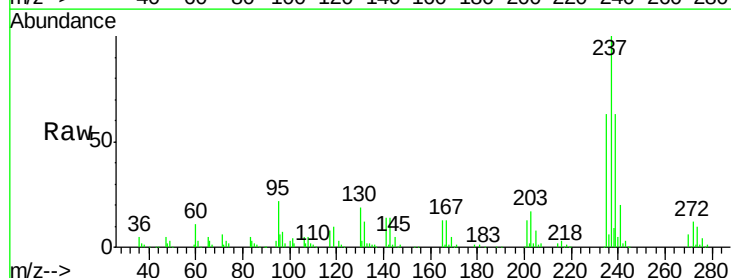
RT: 9.84 min Scan# 783

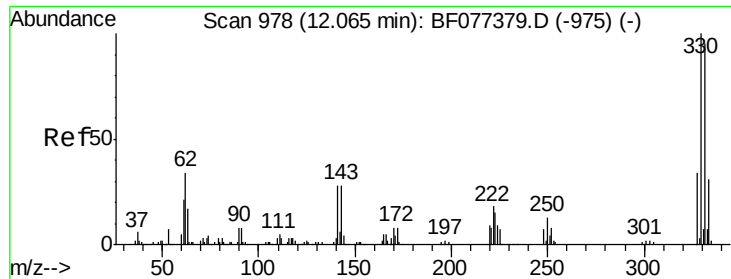
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3		41.0	81.0	
272	11.8		0.0	34.3	





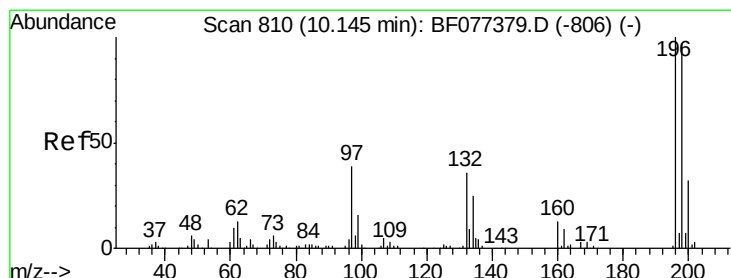
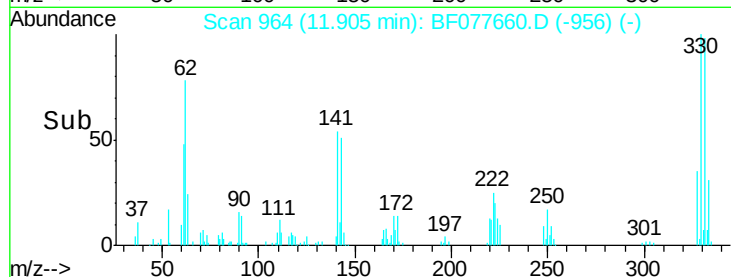
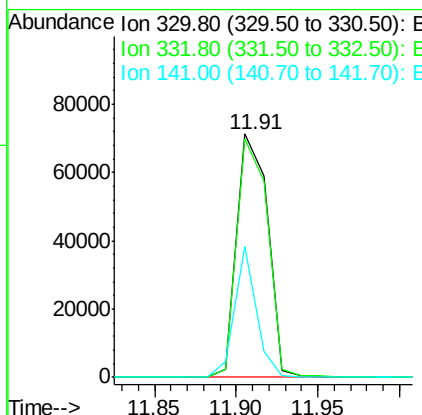
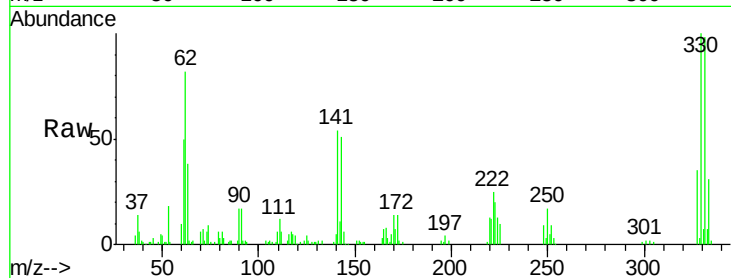
#41
 2,4,6-Tribromophenol
 Concen: 81.46 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	92911		
332	98.0		77.4	116.2
141	37.9		28.8	43.2

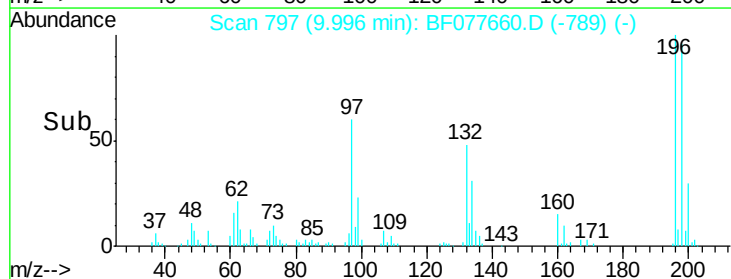
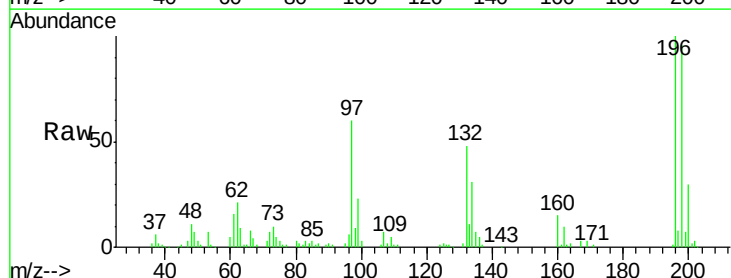
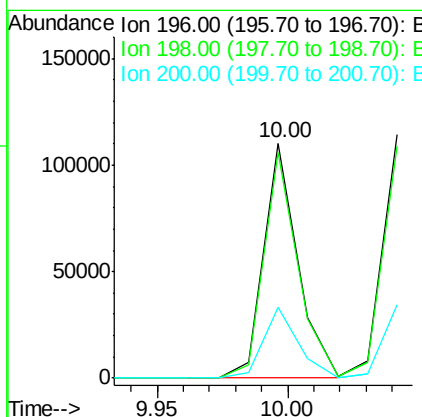
Manual Integrations
 APPROVED

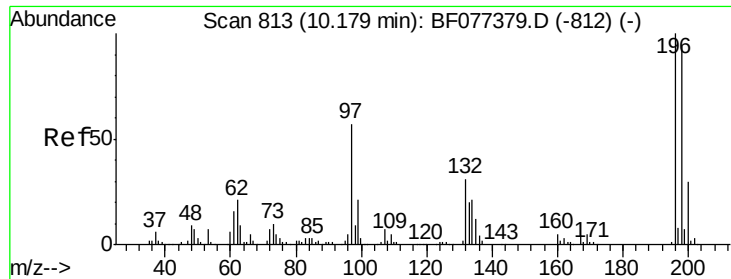
mohammad
 3/12/2015 2:21:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.92 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101100		
198	96.0		75.8	113.8
200	30.1		24.2	36.4





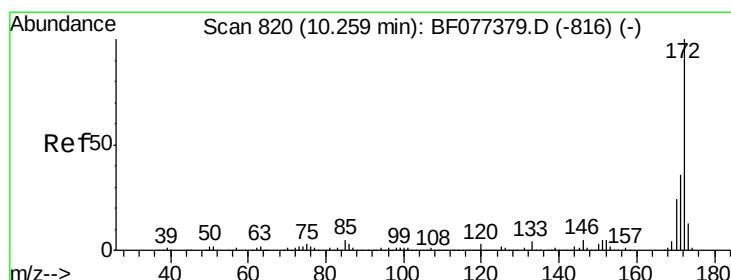
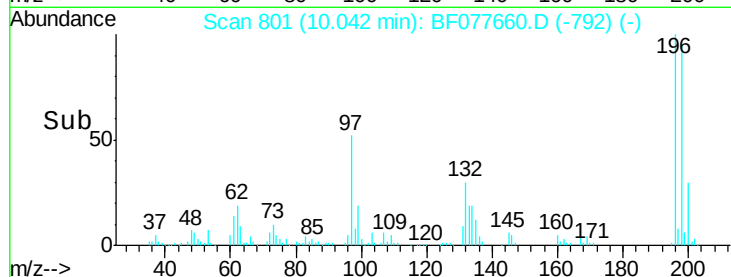
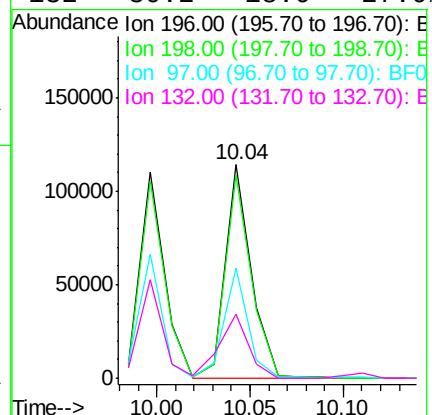
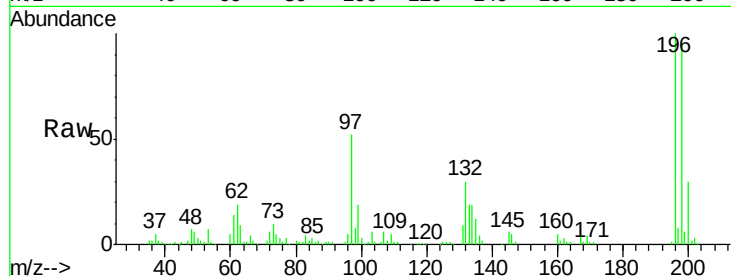
#43
2,4,5-Trichlorophenol
Concen: 46.04 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	110804		
198	95.4	77.2	115.8	
97	51.6	27.7	41.5	
132	30.2	18.0	27.0	

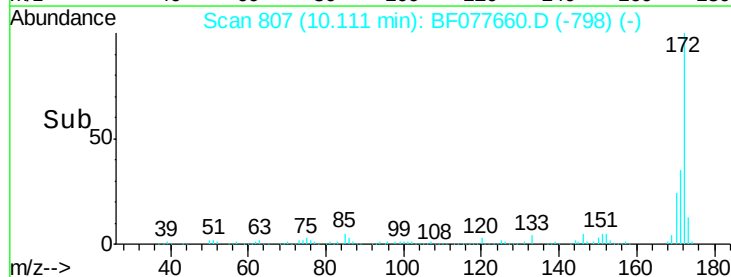
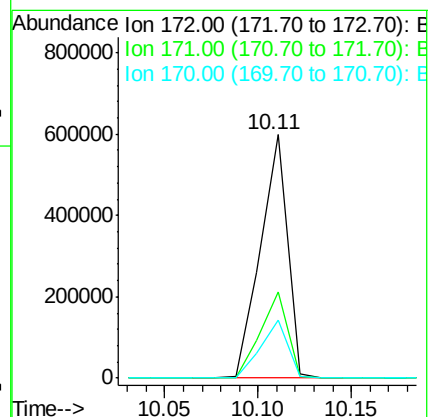
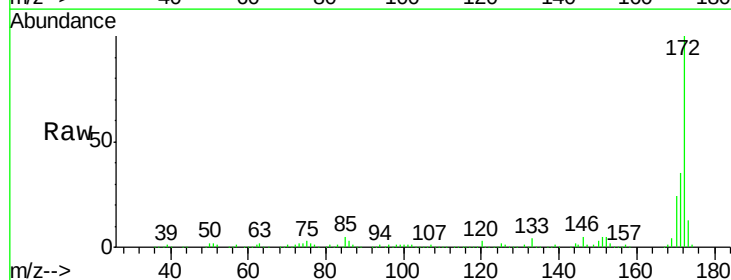
Manual Integrations
APPROVED

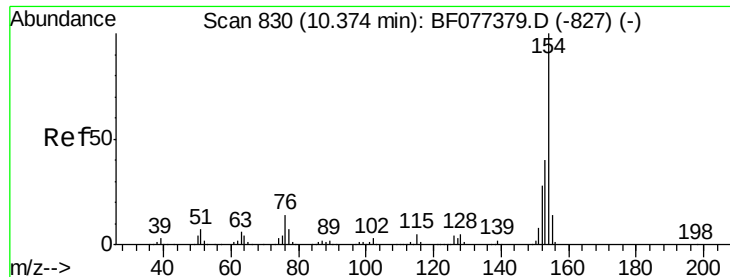
mohammad
3/12/2015 2:21:43 PM



#44
2-Fluorobiphenyl
Concen: 78.80 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	598600		
171	35.5	28.9	43.3	
170	23.6	19.4	29.2	





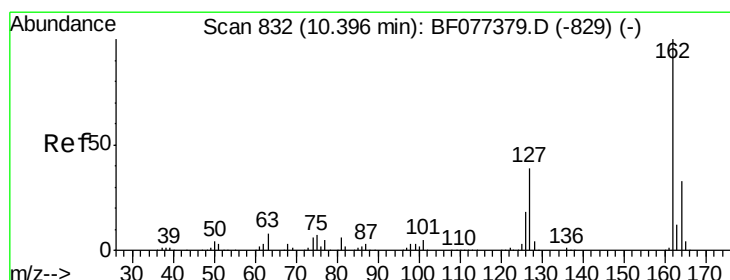
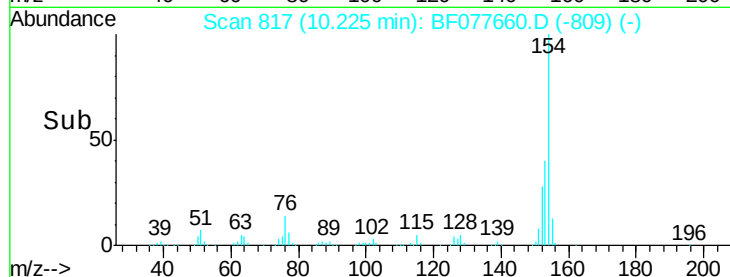
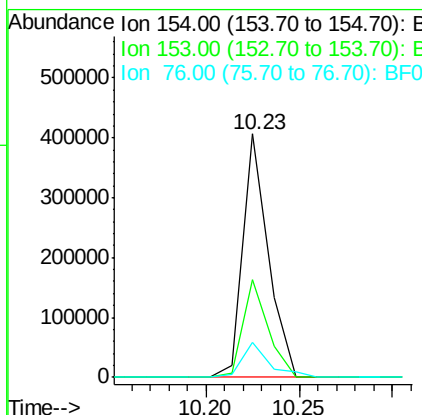
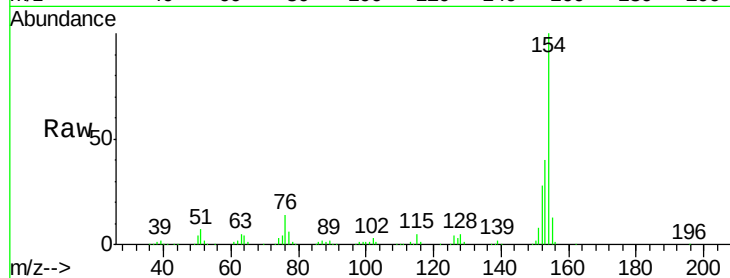
#45
1,1'-Biphenyl
Concen: 42.95 ng
RT: 10.23 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampled :
PB81894BSD

Tot Ion:	154	Resp:	385440
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.2	60.2
76	14.1	0.0	29.4

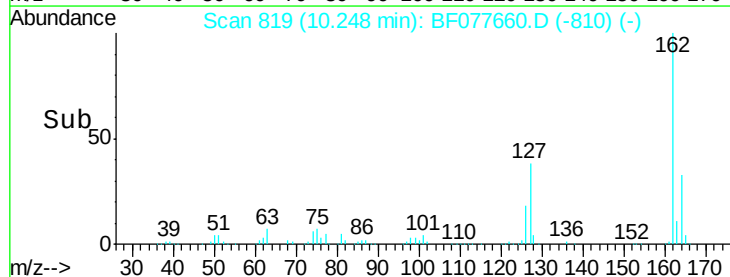
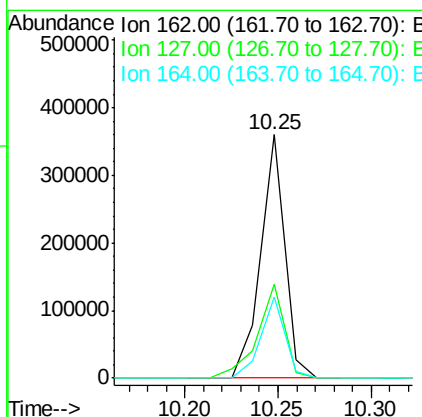
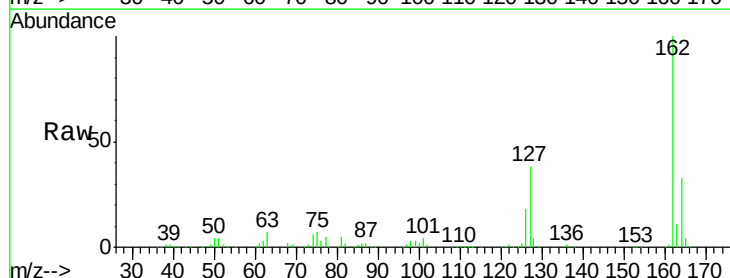
Manual Integrations
APPROVED

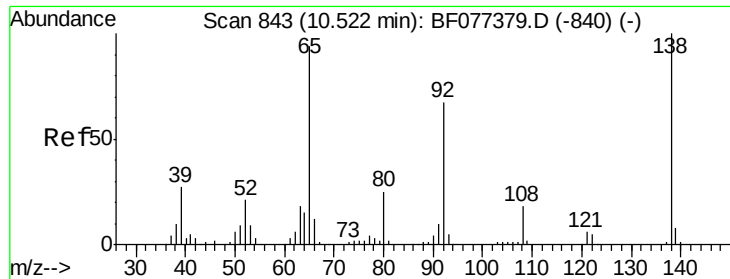
mohammad
3/12/2015 2:21:43 PM



#46
2-Chloronaphthalene
Concen: 45.44 ng
RT: 10.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion:	162	Resp:	319812
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.3	49.9
164	33.3	26.2	39.4





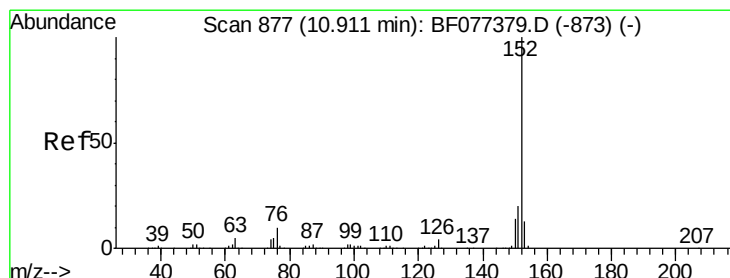
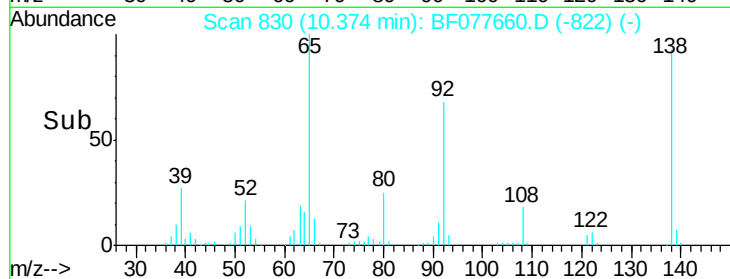
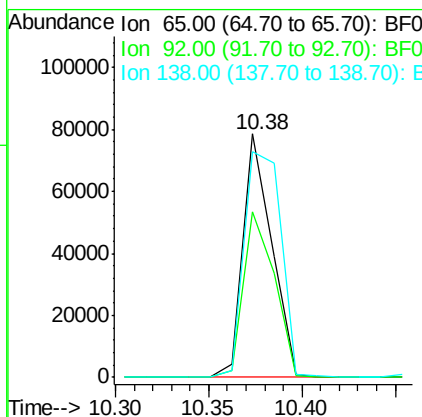
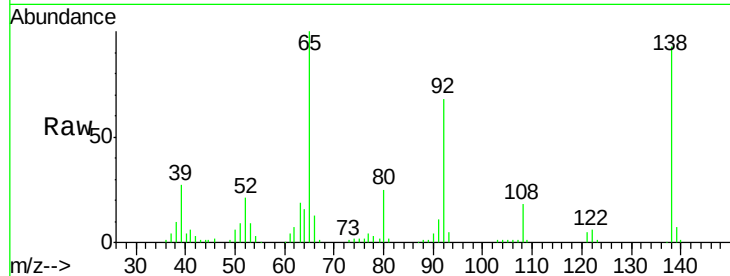
#47
 2-Nitroaniline
 Concen: 48.46 ng
 RT: 10.38 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion:	65	Resp:	83951
Ion Ratio	Lower	Upper	
65	100		
92	68.2	52.4	78.6
138	92.9	73.4	110.0

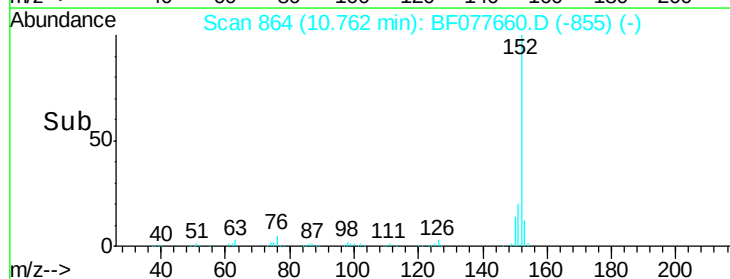
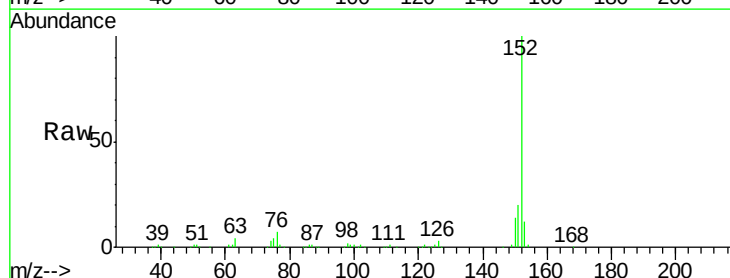
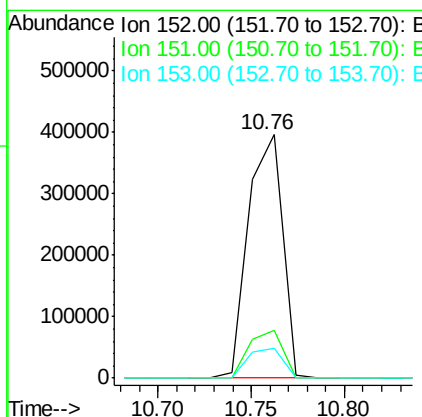
Manual Integrations
 APPROVED

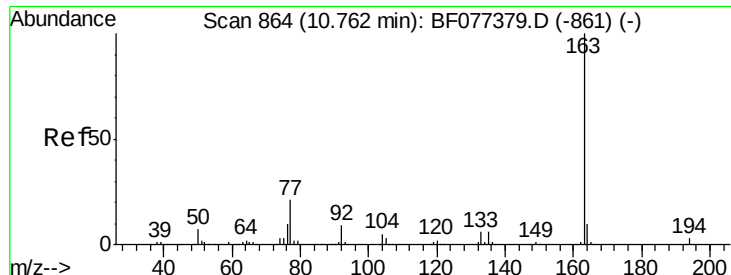
mohammad
 3/12/2015 2:21:43 PM



#48
 Acenaphthylene
 Concen: 45.23 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion:	152	Resp:	503984
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.1	24.1
153	12.4	10.9	16.3





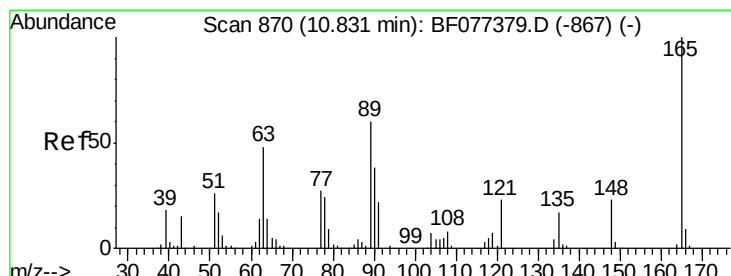
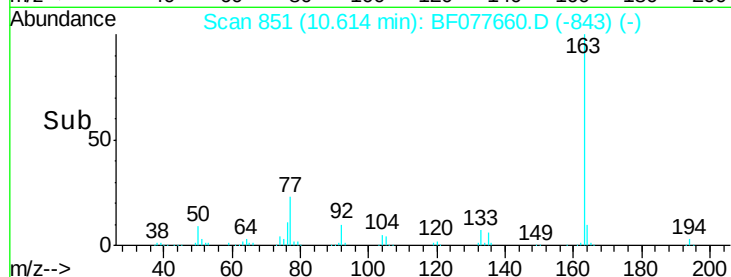
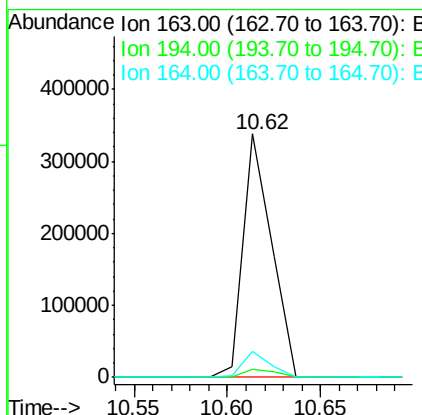
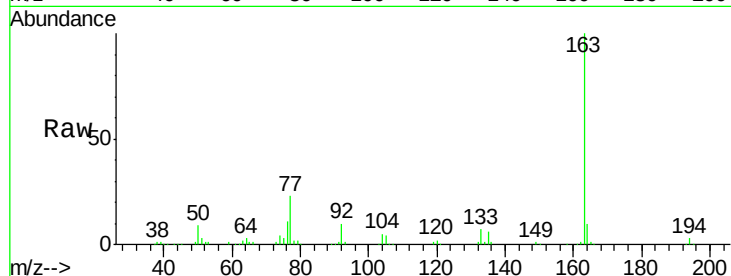
#49
Dimethylphthalate
Concen: 43.05 ng
RT: 10.62 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	358484		
194	3.4	2.6	4.0	
164	10.5	8.6	13.0	

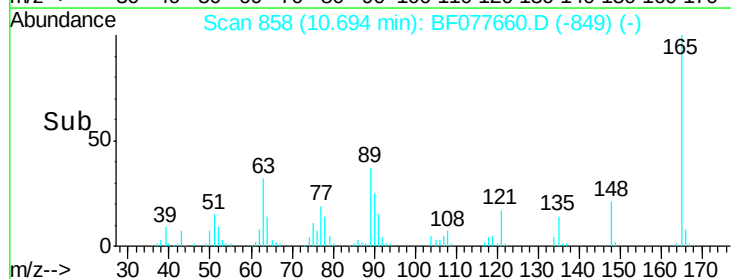
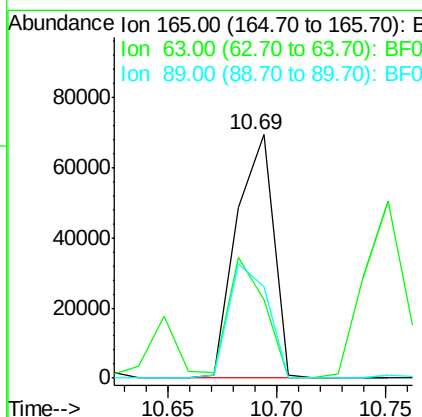
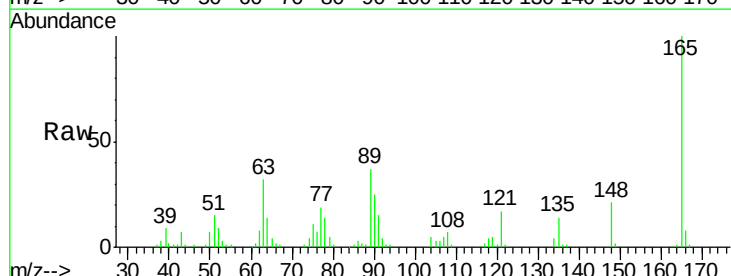
Manual Integrations
APPROVED

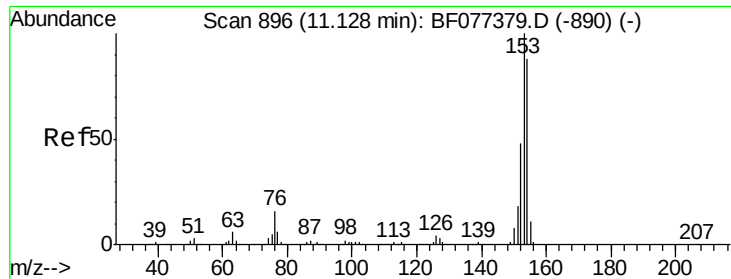
mohammad
3/12/2015 2:21:43 PM



#50
2,6-Dinitrotoluene
Concen: 49.14 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82060		
63	32.3	25.2	37.8	
89	37.3	30.5	45.7	





#51

Acenaphthene

Concen: 42.64 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

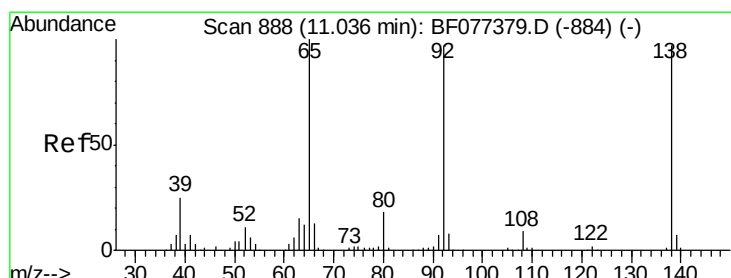
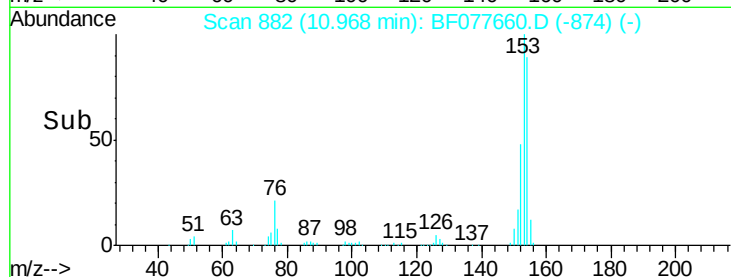
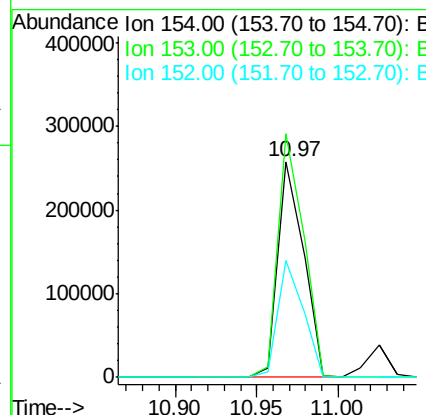
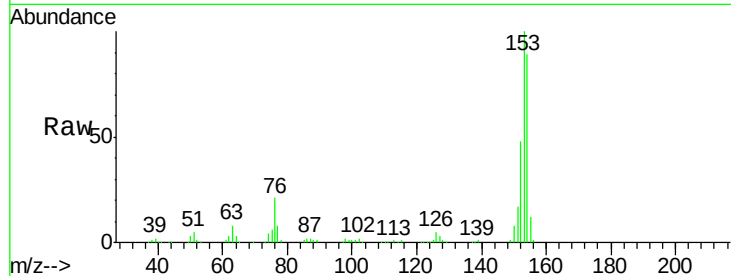
ClientSampleId :

PB81894BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	54.5	43.5	65.3

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#52

3-Nitroaniline

Concen: 25.05 ng

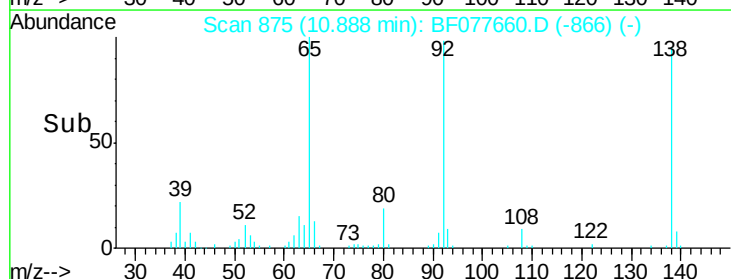
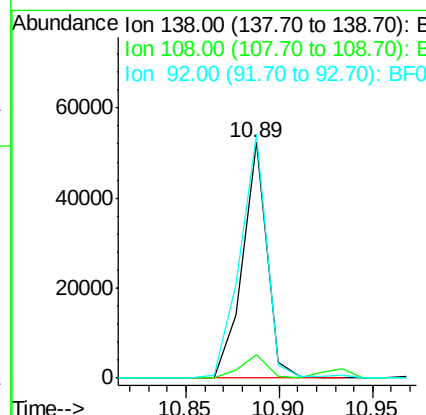
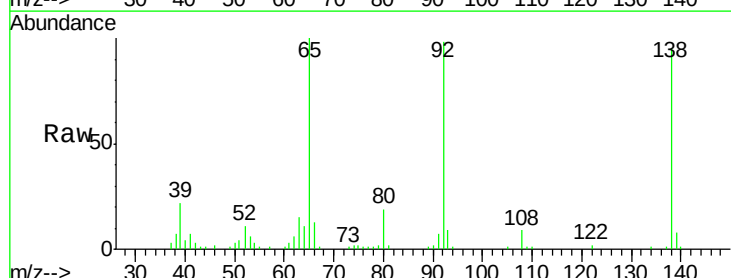
RT: 10.89 min Scan# 875

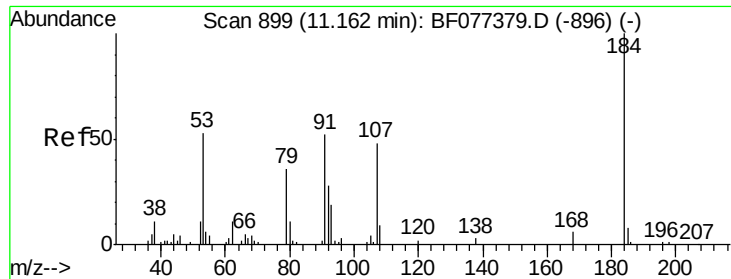
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	103.3	90.6	135.8





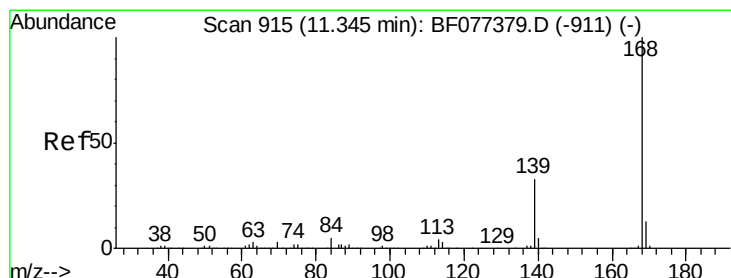
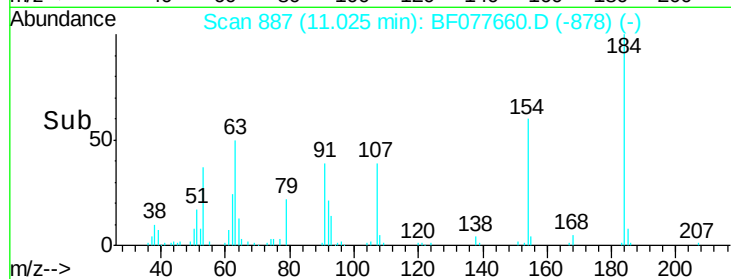
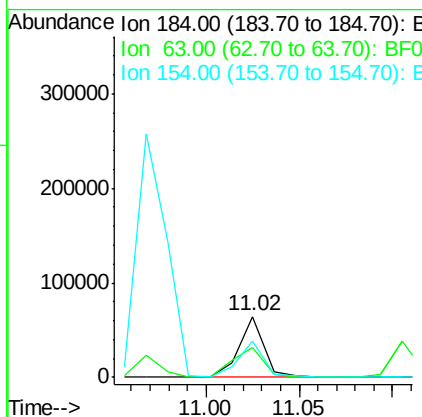
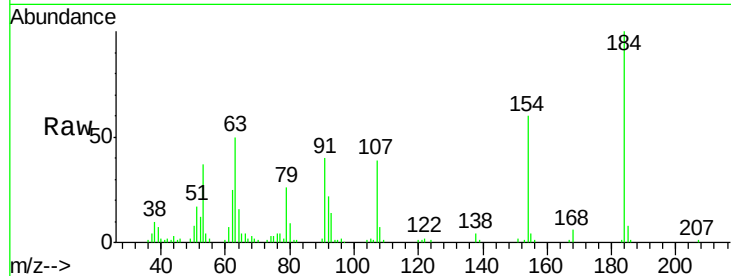
#53
2,4-Dinitrophenol
Concen: 118.86 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	60394		
63	49.6	29.5	44.3	
154	60.2	43.2	64.8	

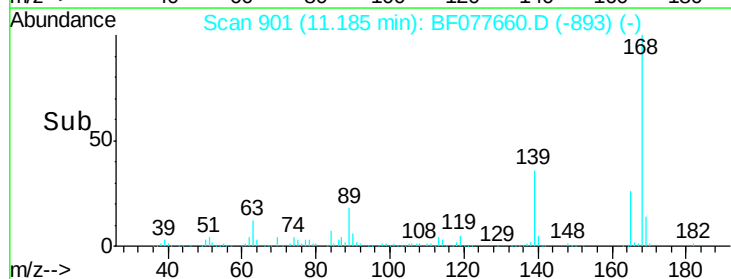
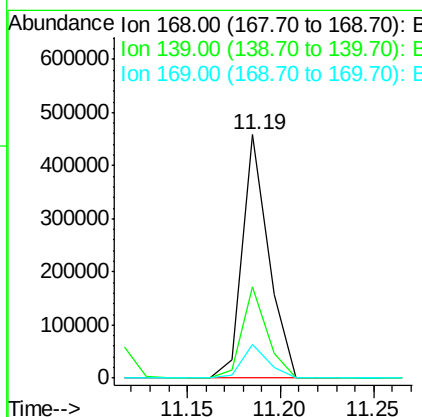
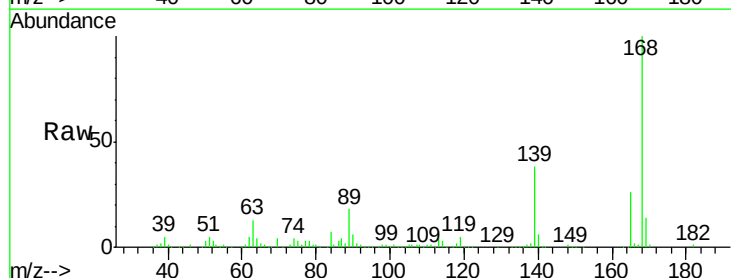
Manual Integrations
APPROVED

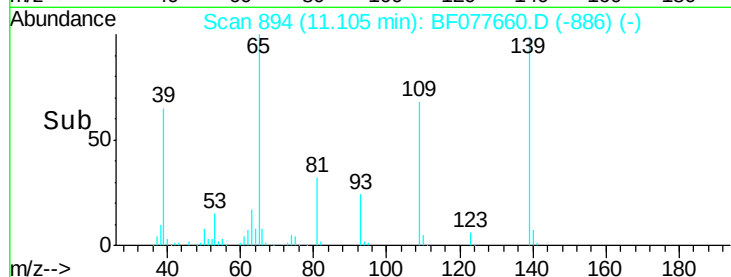
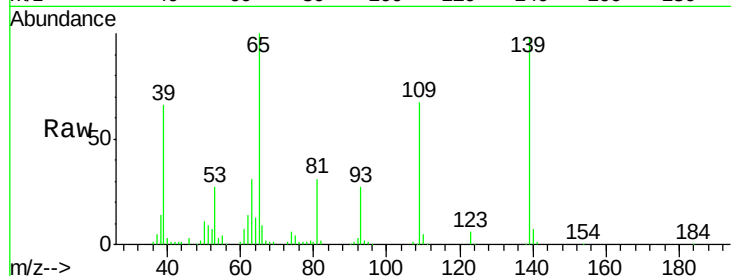
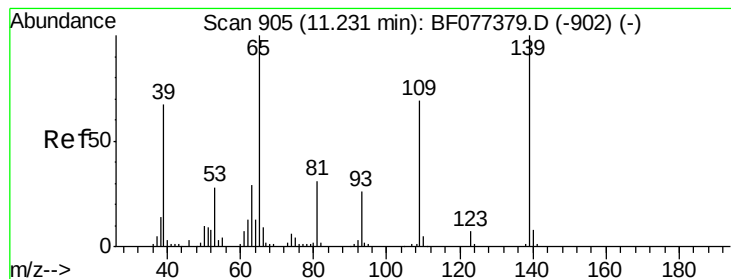
mohammad
3/12/2015 2:21:43 PM



#54
Dibenzofuran
Concen: 43.39 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	445449		
139	37.8	29.3	43.9	
169	13.7	10.9	16.3	





#55

4-Nitrophenol

Concen: 86.17 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tot Ion:	139	Resp:	133436
Ion Ratio	Lower	Upper	
139	100		
109	68.7	36.2	76.2
65	102.2	40.3	80.3#

Instrument :

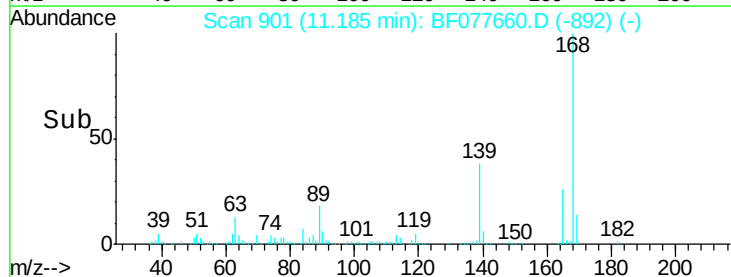
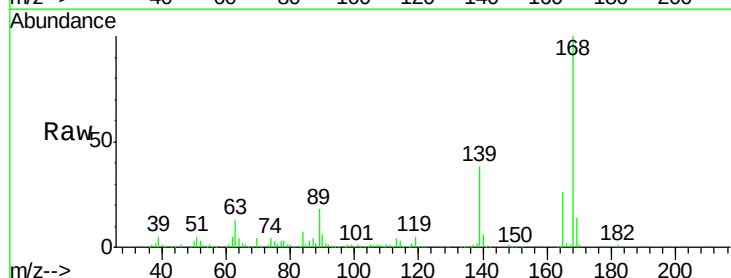
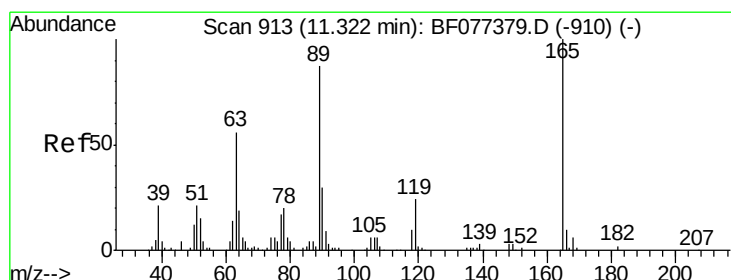
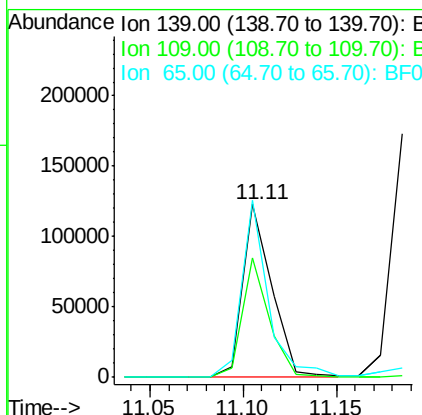
BNA_F

ClientSampleId :

PB81894BSD

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#56

2,4-Dinitrotoluene

Concen: 49.42 ng

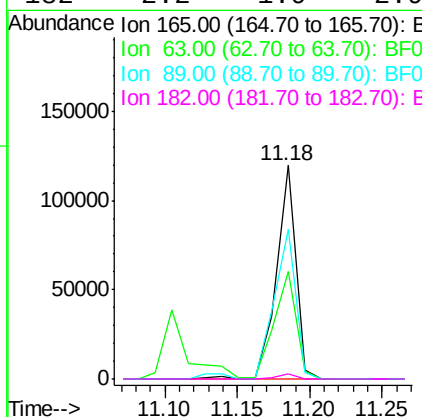
RT: 11.18 min Scan# 901

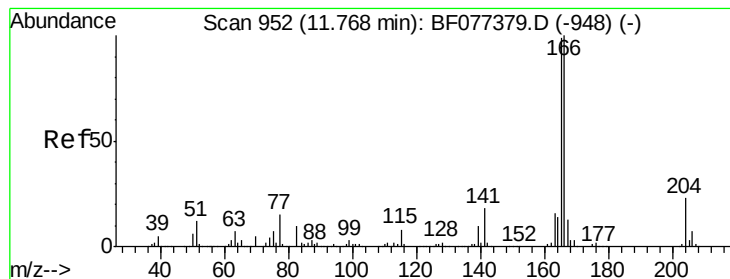
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	165	Resp:	111518
Ion Ratio	Lower	Upper	
165	100		
63	50.6	29.8	44.8#
89	70.1	48.5	72.7
182	2.2	1.9	2.9





#57

Fluorene

Concen: 43.85 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

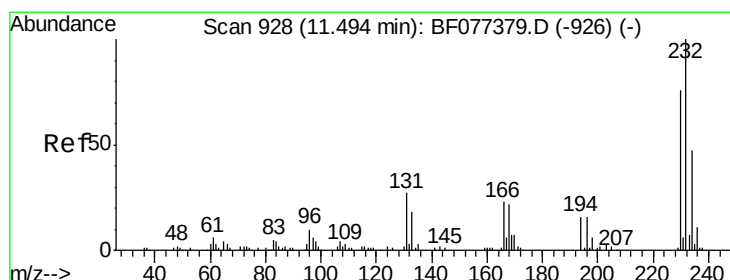
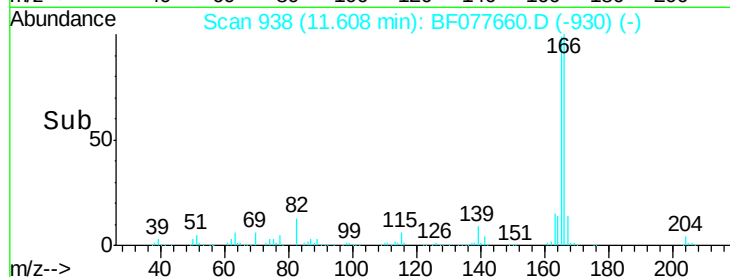
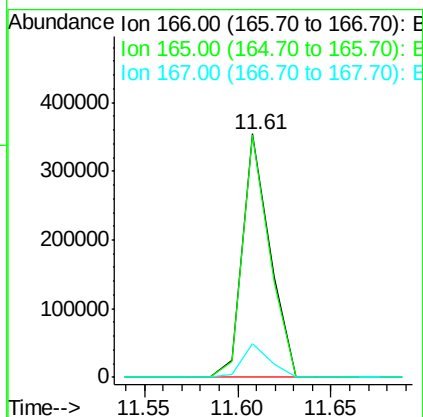
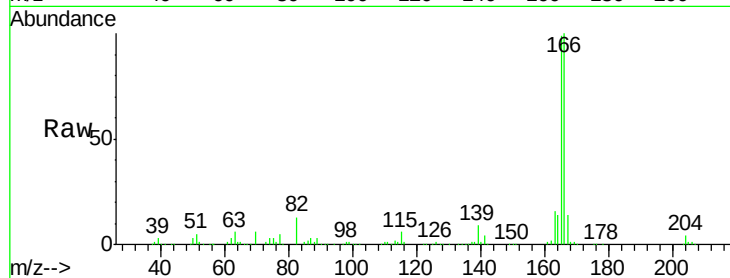
ClientSampleId :

PB81894BSD

Tot Ion	166	Resp	359915
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.6	116.4
167	13.7	10.6	16.0

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.69 ng

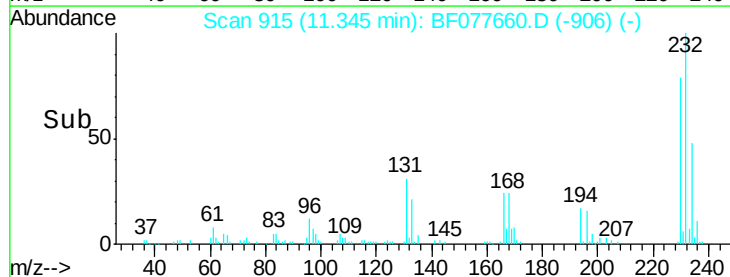
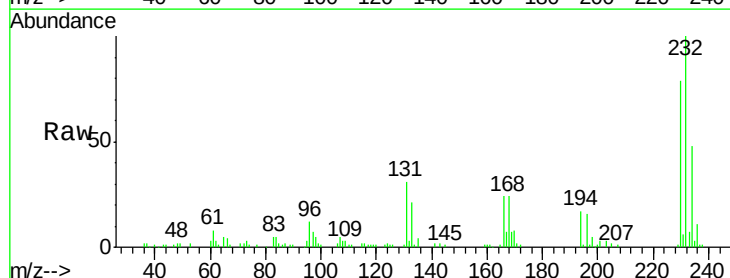
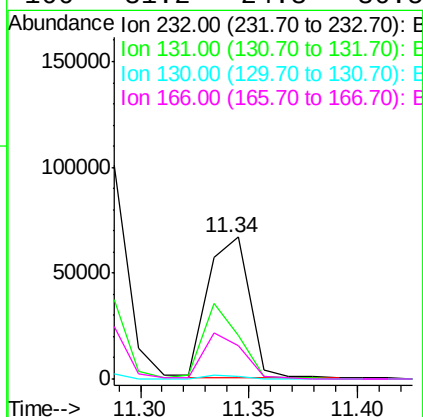
RT: 11.34 min Scan# 915

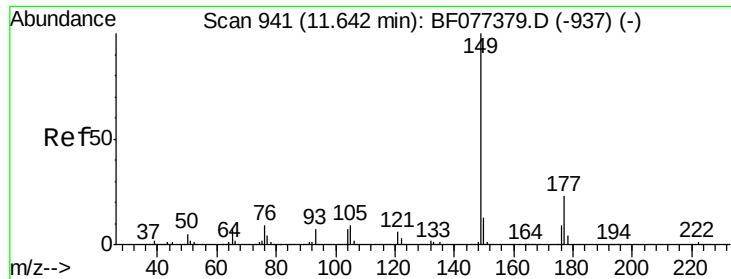
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion	232	Resp	88406
Ion Ratio	Lower	Upper	
232	100		
131	46.0	34.2	51.2
130	2.1	1.8	2.6
166	31.2	24.3	36.5





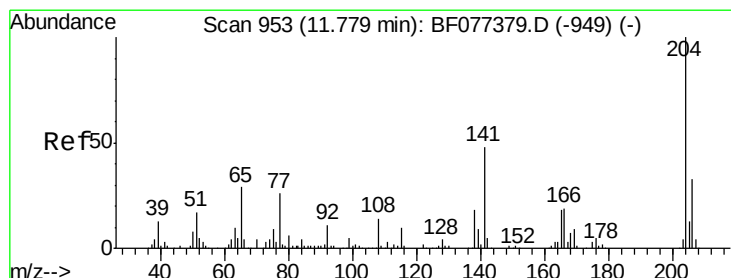
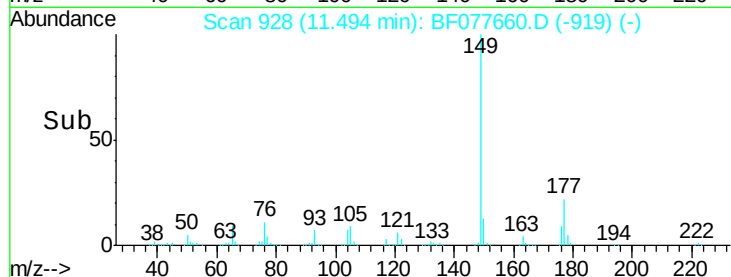
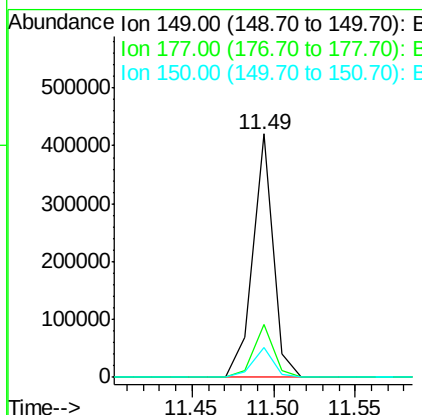
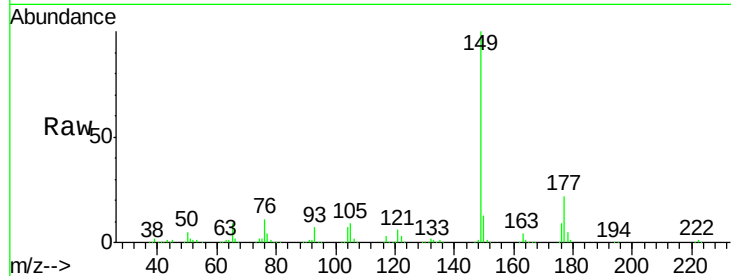
#59
Diethylphthalate
Concen: 44.33 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363936		
177	21.9		17.2	25.8
150	12.5		10.5	15.7

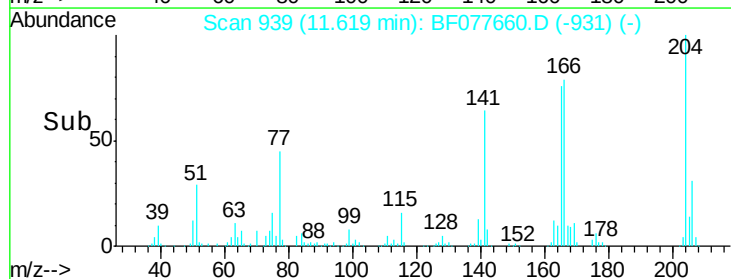
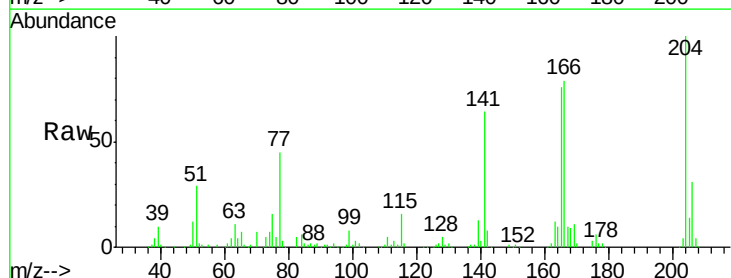
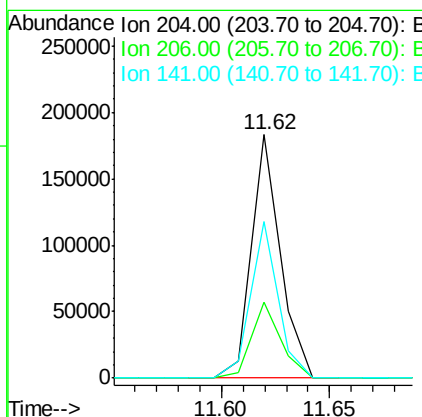
Manual Integrations
APPROVED

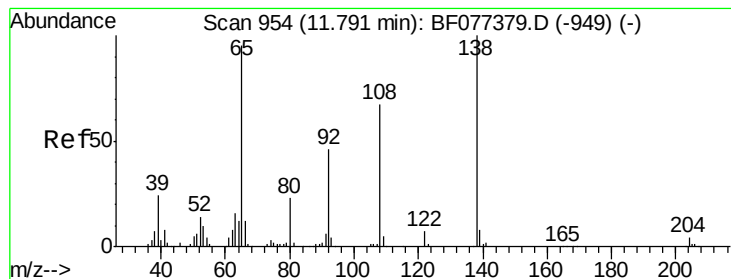
mohammad
3/12/2015 2:21:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.80 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	169253		
206	31.3		25.9	38.9
141	64.1		43.6	65.4





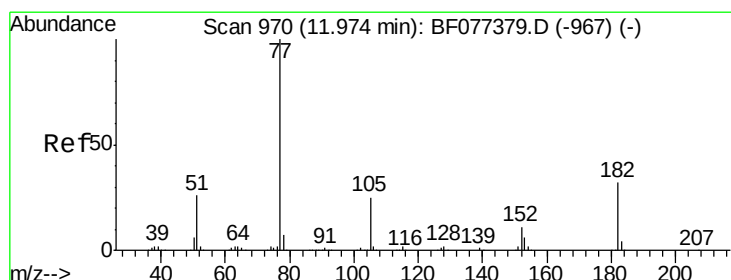
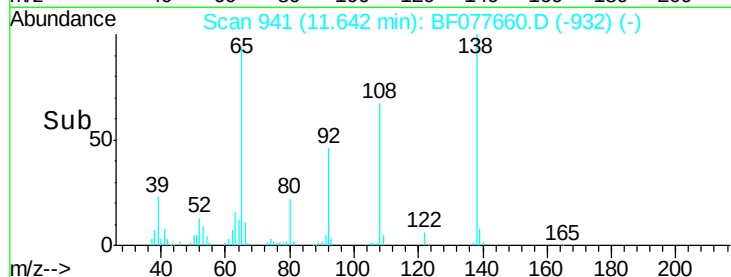
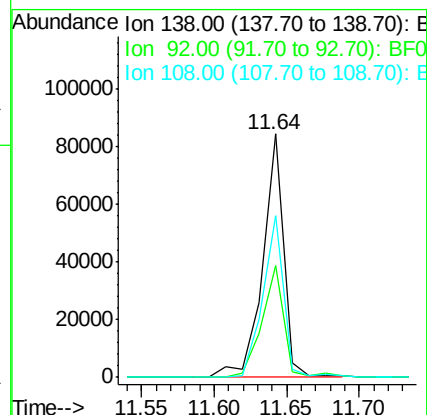
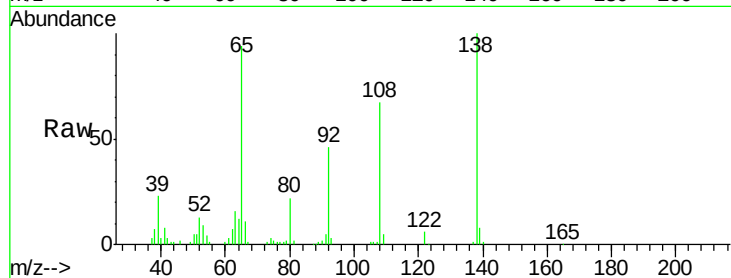
#61
4-Nitroaniline
Concen: 45.93 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	32.8	72.8
108	66.7	52.1	92.1

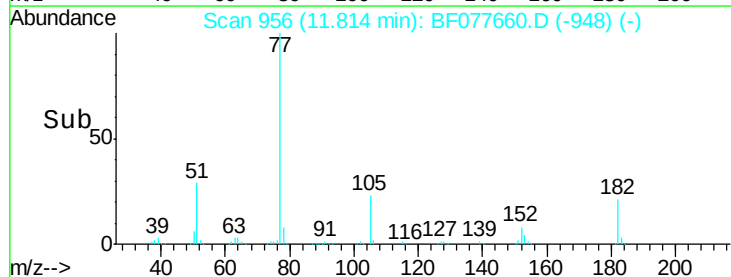
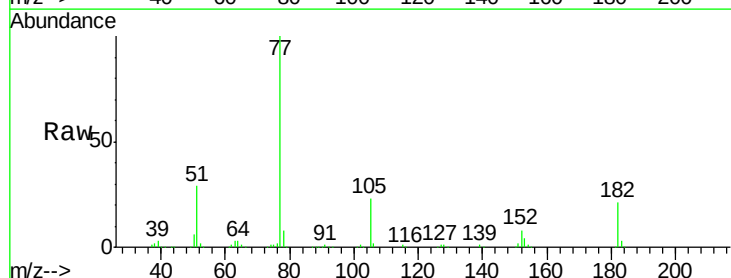
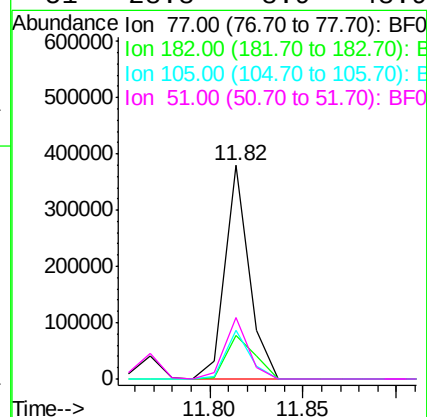
Manual Integrations
APPROVED

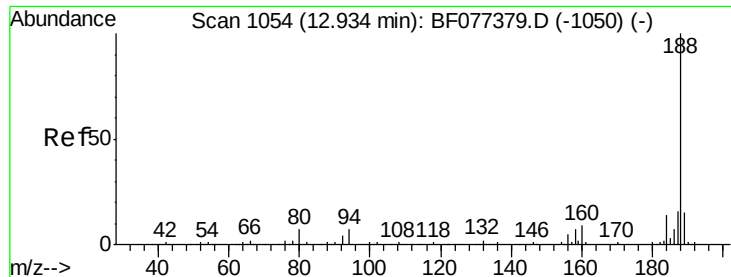
mohammad
3/12/2015 2:21:43 PM



#62
Azobenzene
Concen: 43.91 ng
RT: 11.82 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	4.9	44.9
105	22.5	3.3	43.3
51	28.8	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

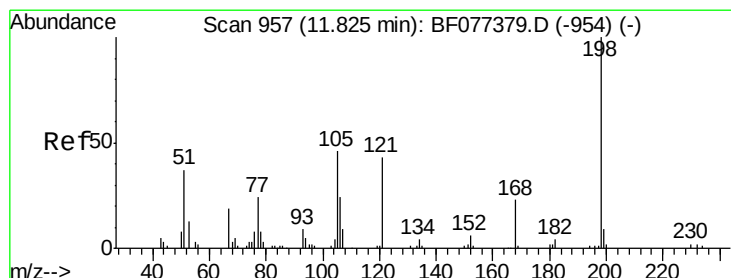
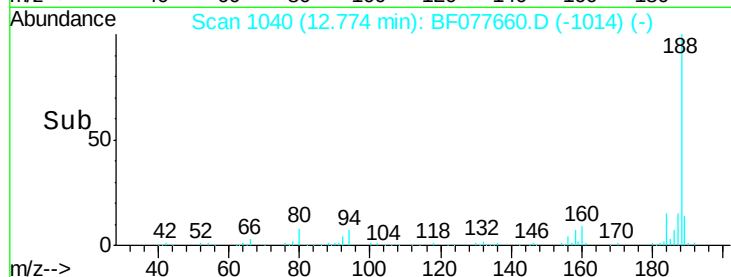
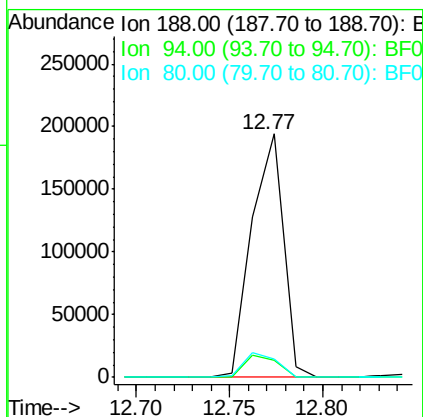
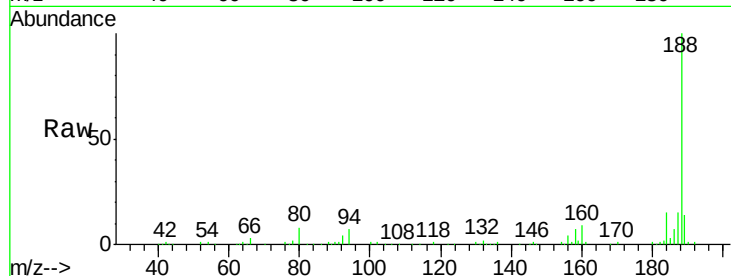
ClientSampleId :

PB81894BSD

Tot Ion:	188	Resp:	229471
Ion Ratio	Lower	Upper	
188	100		
94	7.0	7.4	11.2#
80	7.5	8.0	12.0#

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.01 ng

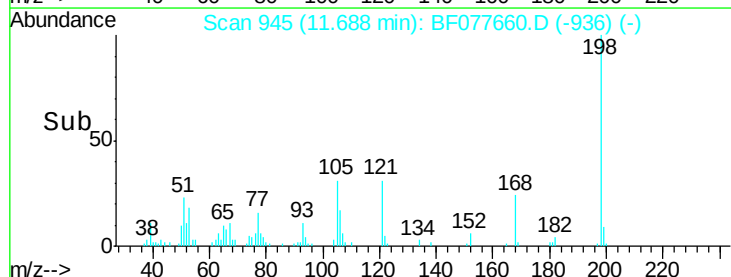
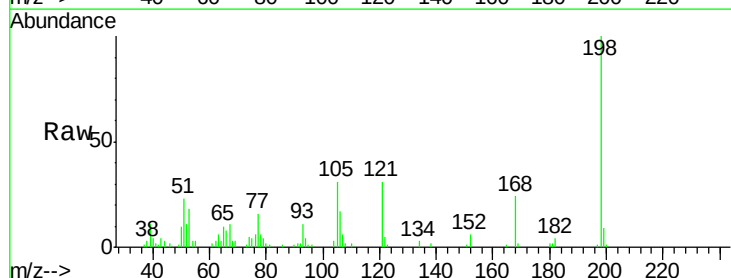
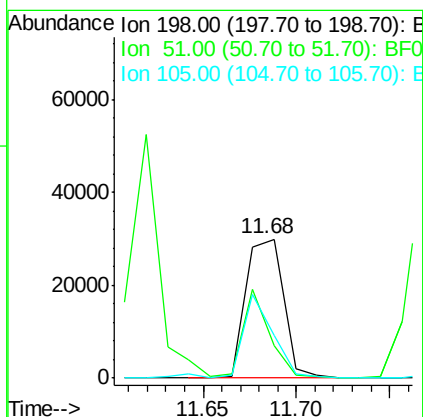
RT: 11.68 min Scan# 945

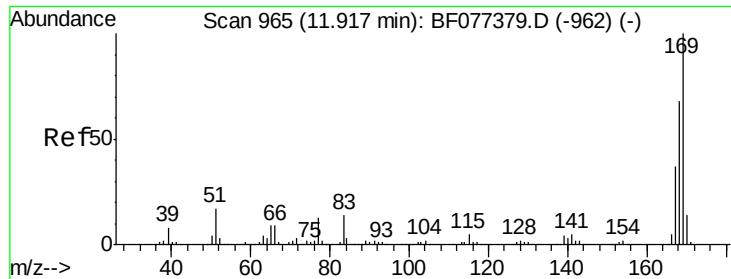
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	198	Resp:	41971
Ion Ratio	Lower	Upper	
198	100		
51	23.3	2.7	42.7
105	30.8	10.0	50.0





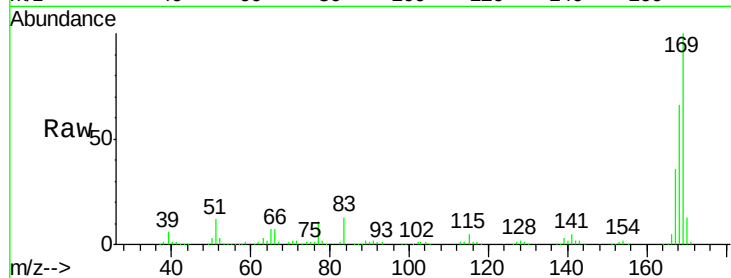
#65
n-Nitrosodiphenylamine
Concen: 43.10 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

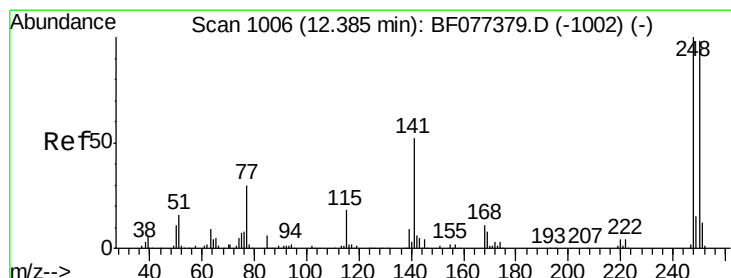
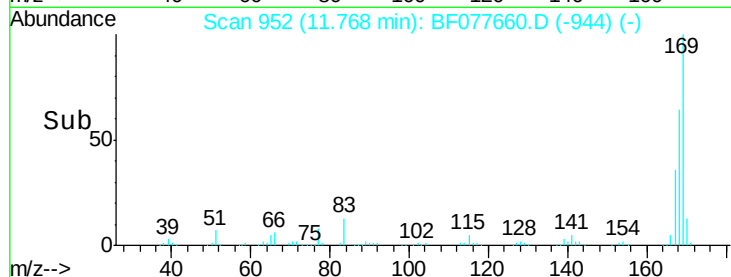
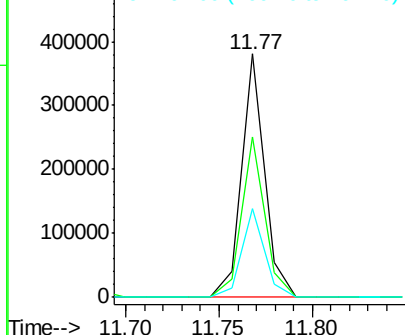
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.0	79.6
167	36.2	29.5	44.3

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



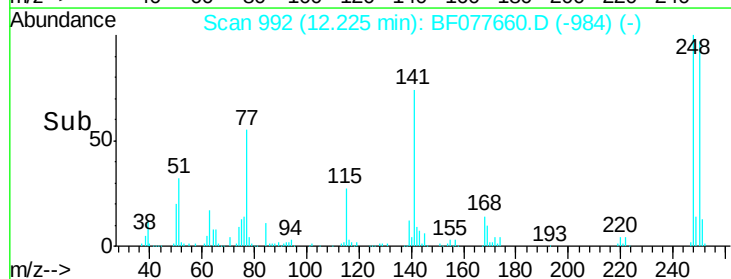
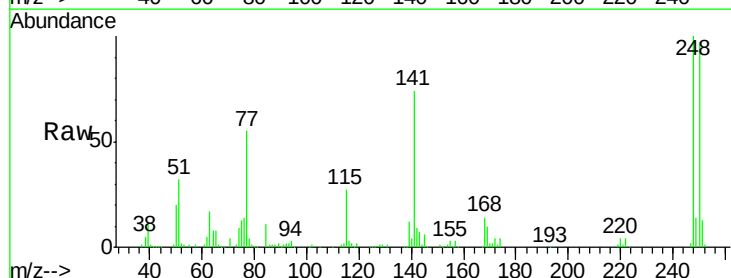
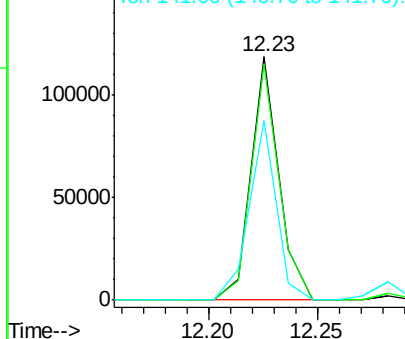
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

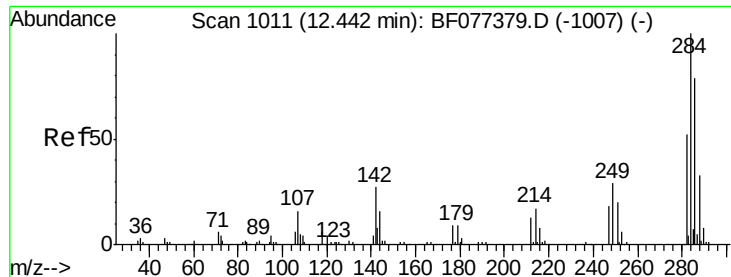


#66
4-Bromophenyl-phenylether
Concen: 39.13 ng
RT: 12.23 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.0	117.0
141	73.9	54.1	81.1

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





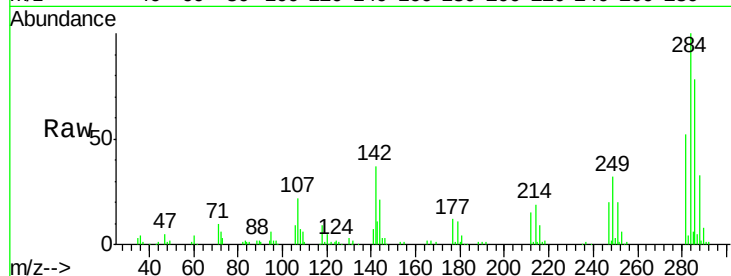
#67
Hexachlorobenzene
Concen: 38.77 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

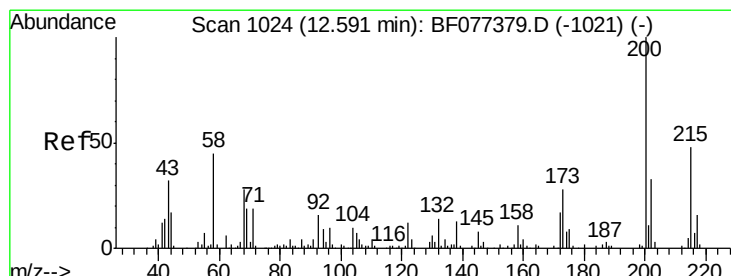
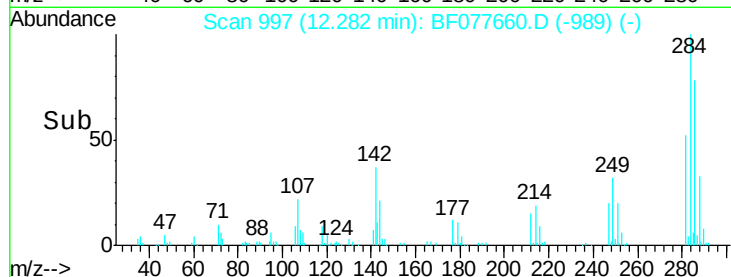
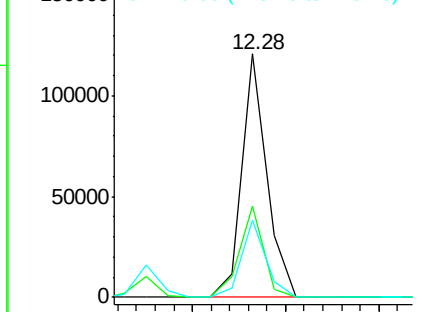
Tot Ion	Ratio	Resp	Lower	Upper
284	100	111833		
142	37.3		31.6	47.4
249	31.8		27.0	40.4

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM

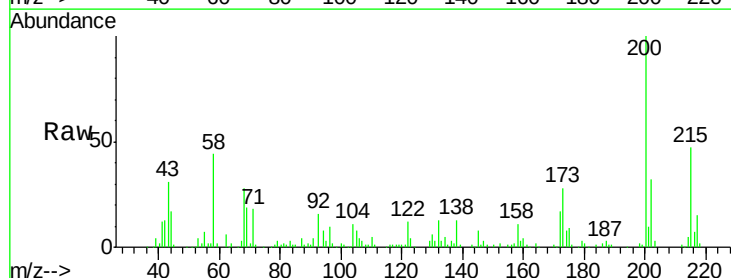


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

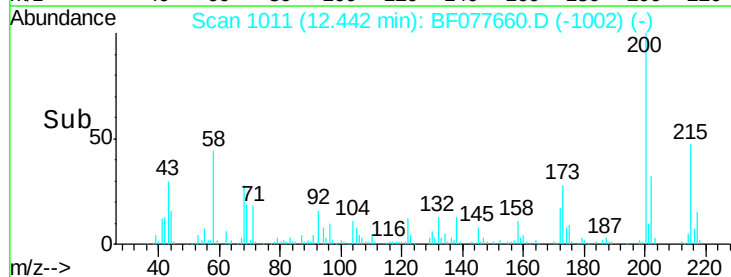
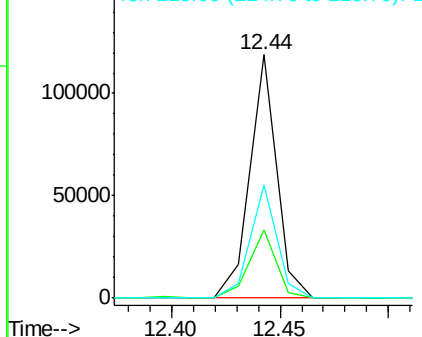


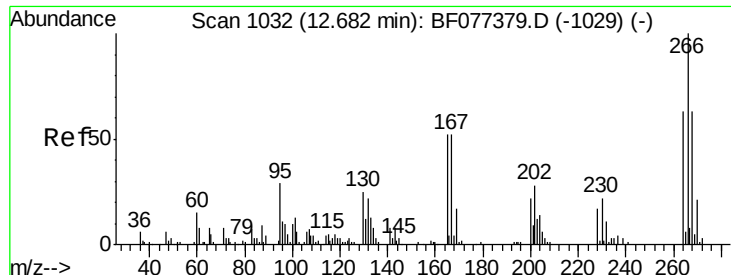
#68
Atrazine
Concen: 41.21 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	102011		
173	28.1		9.6	49.6
215	46.7		24.4	64.4



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





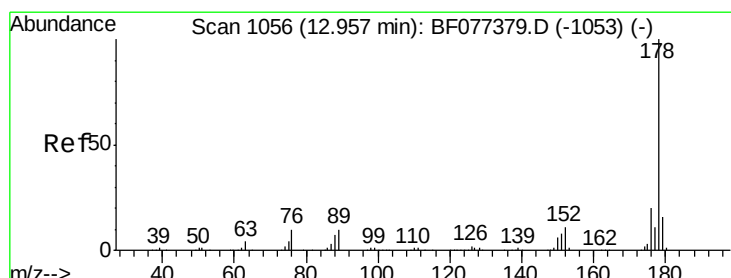
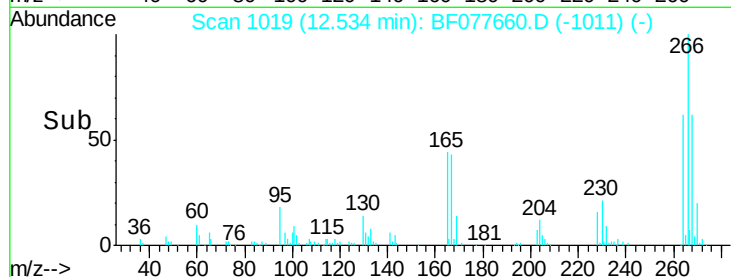
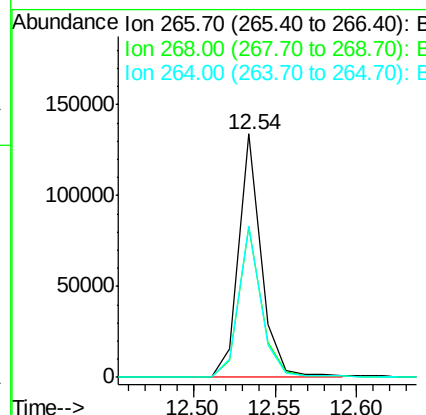
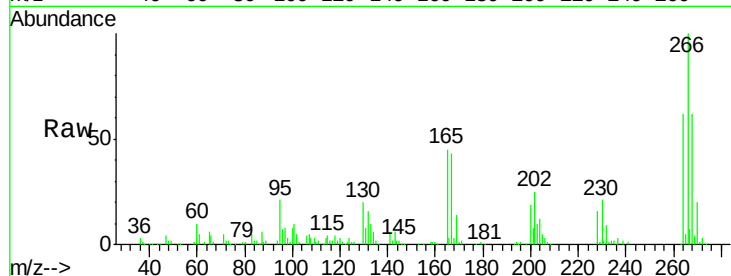
#69
 Pentachlorophenol
 Concen: 84.41 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127957		
268	61.6	51.2	76.8	
264	62.4	50.7	76.1	

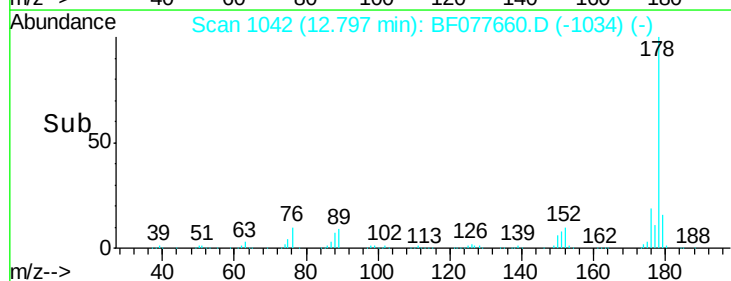
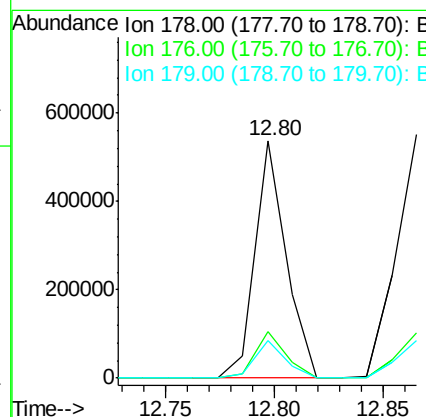
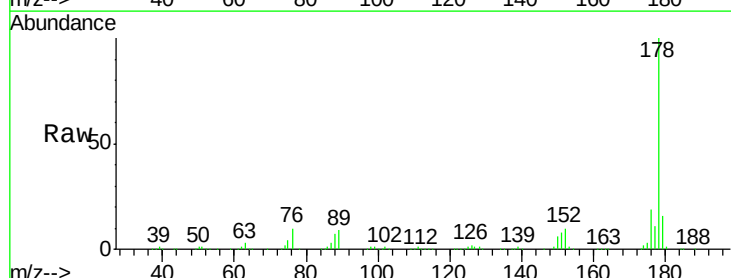
Manual Integrations
 APPROVED

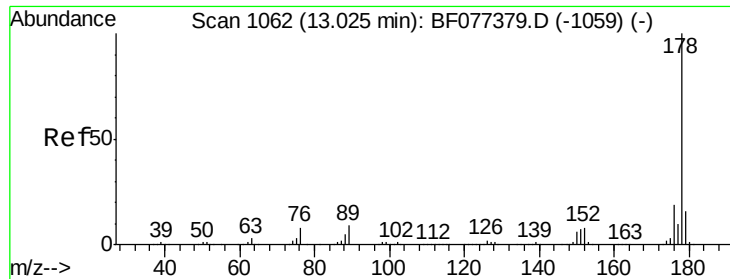
mohammad
 3/12/2015 2:21:43 PM



#70
 Phenanthrene
 Concen: 40.12 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	533652		
176	19.3	15.5	23.3	
179	15.9	12.2	18.2	





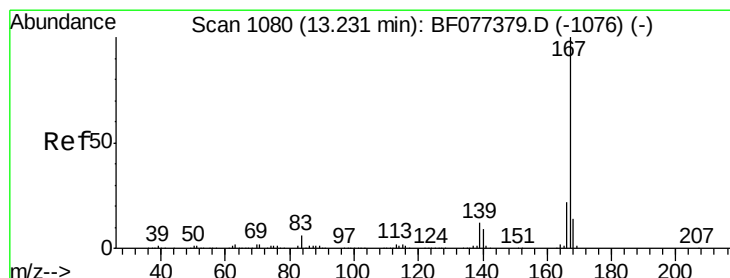
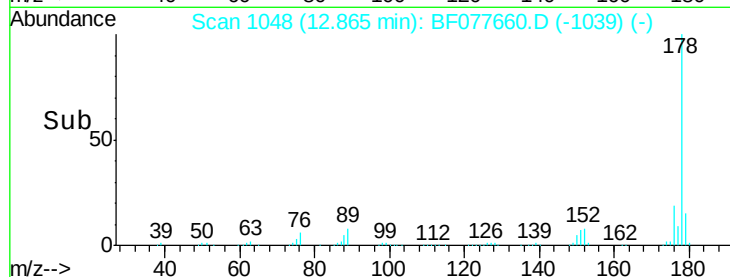
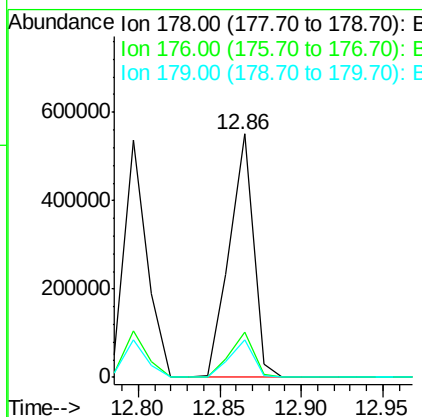
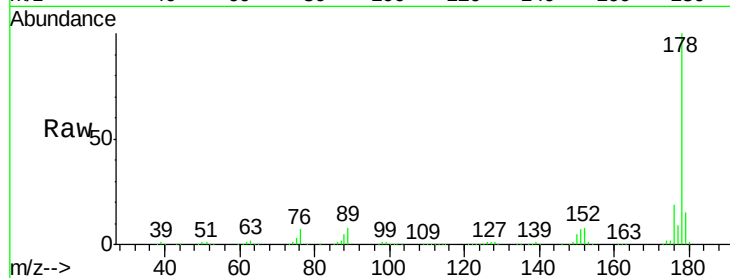
#71
 Anthracene
 Concen: 42.57 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	561881		
176	18.6	15.4	23.0	
179	15.3	12.9	19.3	

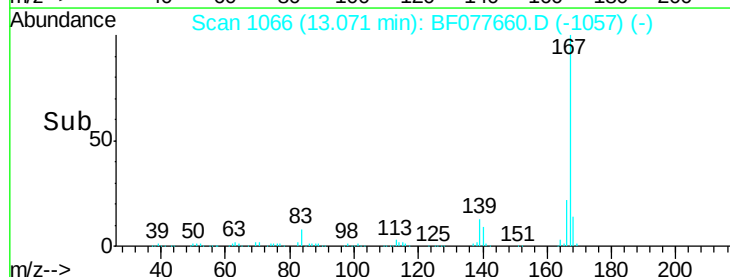
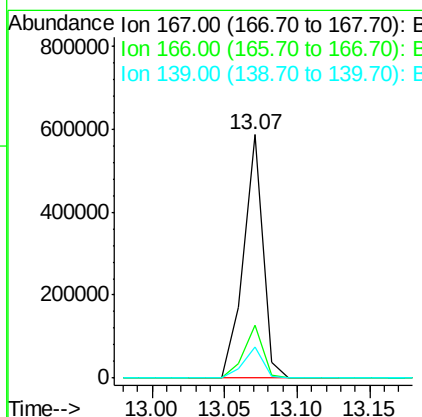
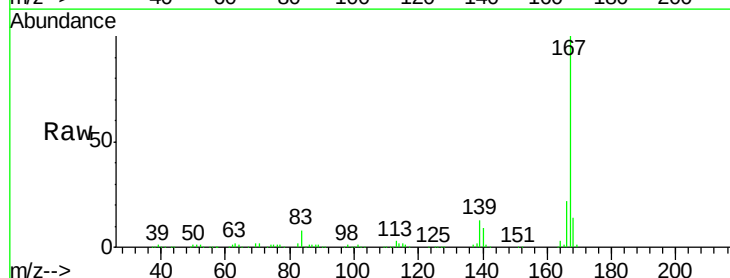
Manual Integrations
 APPROVED

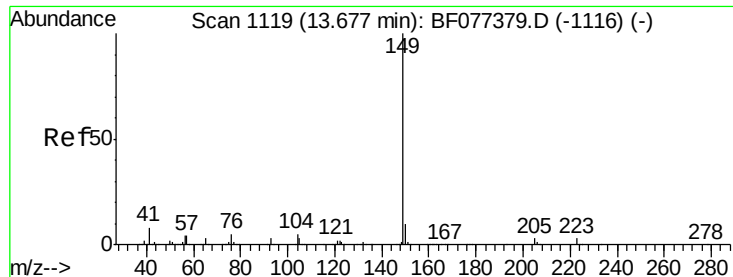
mohammad
 3/12/2015 2:21:43 PM



#72
 Carbazole
 Concen: 43.75 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	549041		
166	21.6	17.6	26.4	
139	12.6	9.9	14.9	





#73

Di-n-butylphthalate

Concen: 37.06 ng

RT: 13.52 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

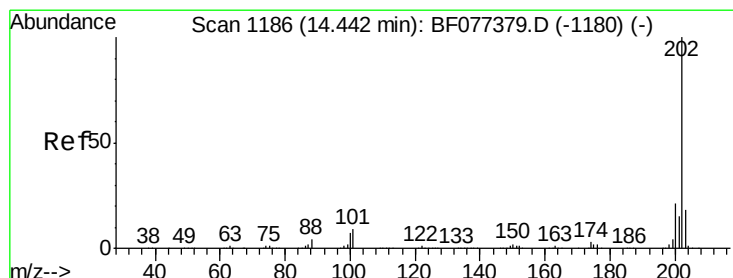
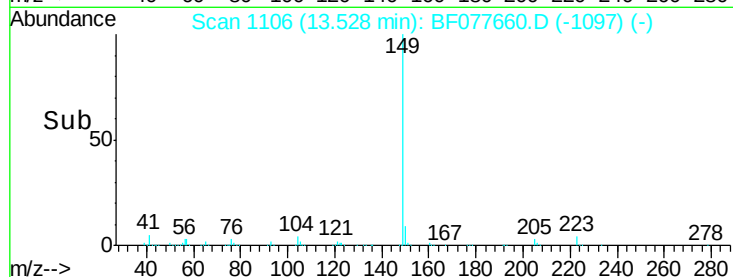
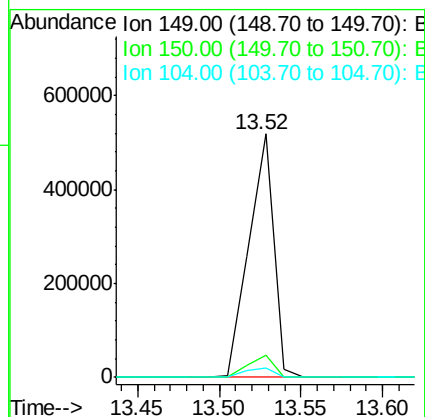
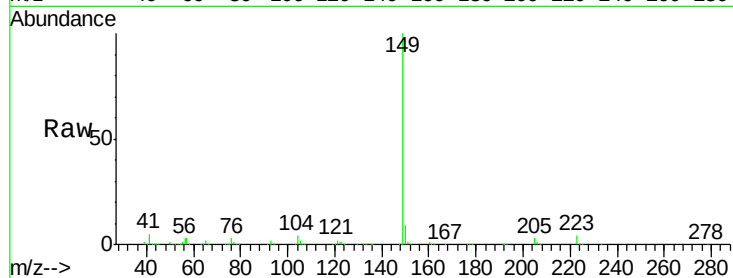
ClientSampleId :

PB81894BSD

Tot Ion:	149	Resp:	546155
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.8
104	3.8	4.1	6.1#

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#74

Fluoranthene

Concen: 37.43 ng

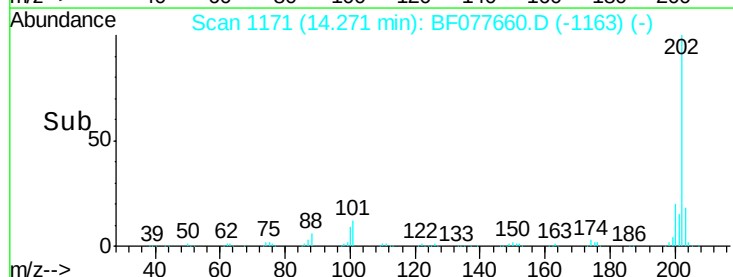
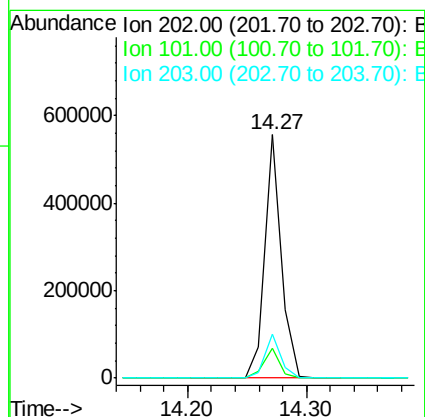
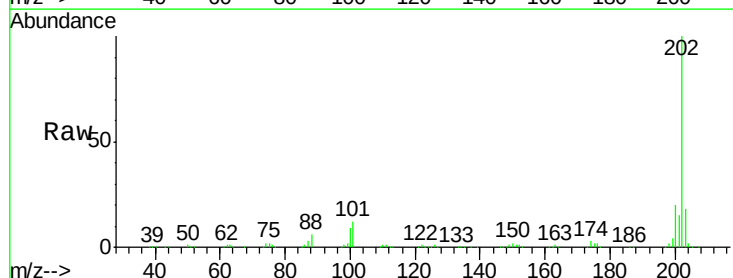
RT: 14.27 min Scan# 1171

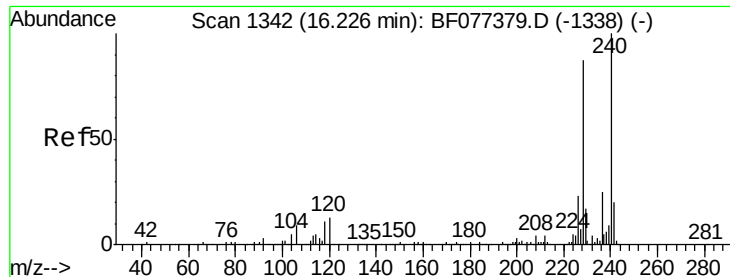
Delta R.T. -0.00 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	202	Resp:	543793
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.8
203	17.9	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.05 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Instrument :

BNA_F

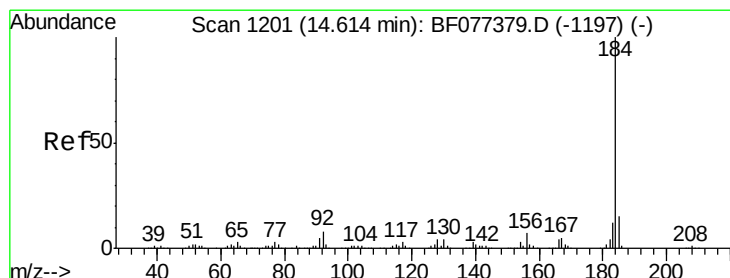
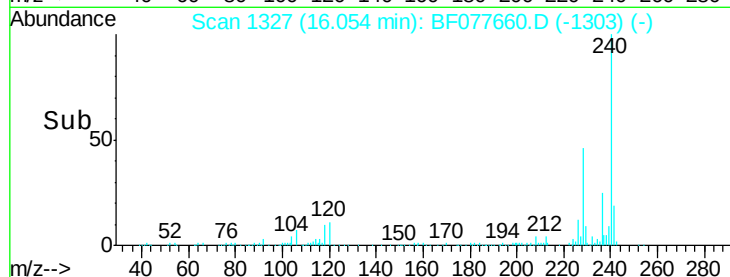
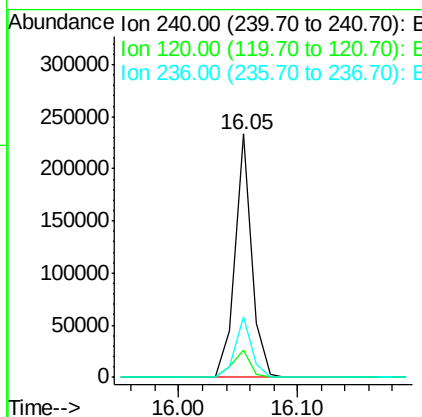
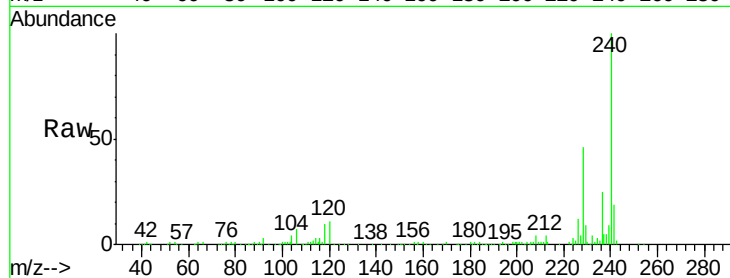
ClientSampleId :

PB81894BSD

Tot Ion:	240	Resp:	230070
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.8	13.2
236	24.9	20.7	31.1

Manual Integrations
APPROVED

mohammad
3/12/2015 2:21:43 PM



#76

Benzidine

Concen: 26.31 ng

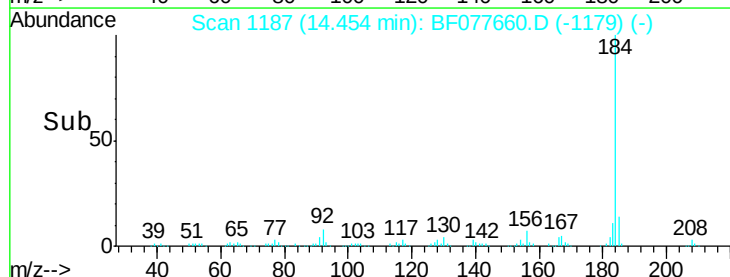
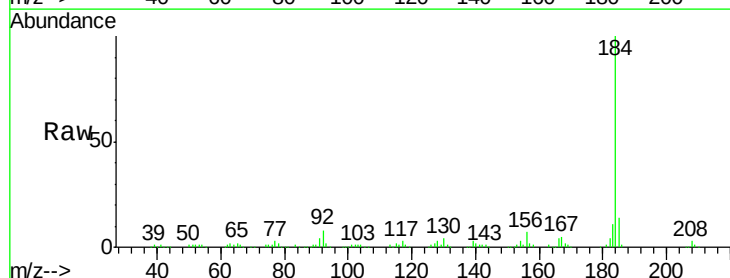
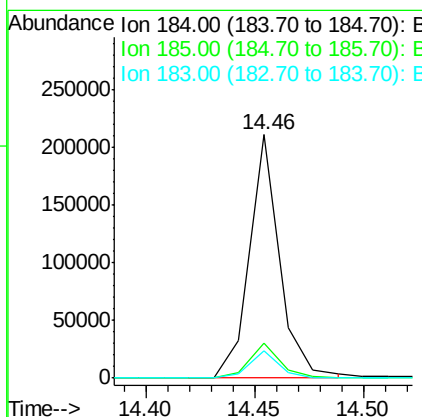
RT: 14.46 min Scan# 1187

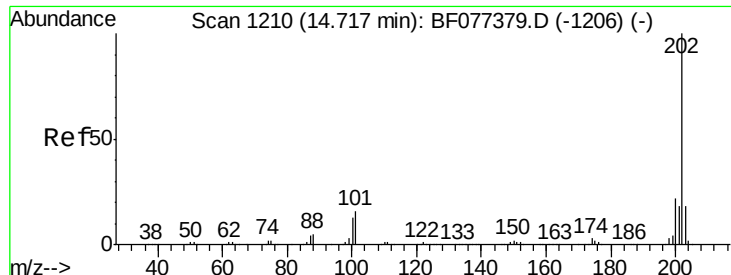
Delta R.T. -0.01 min

Lab File: BF077660.D

Acq: 10 Mar 2015 14:49

Tgt Ion:	184	Resp:	204535
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.3	9.3	13.9





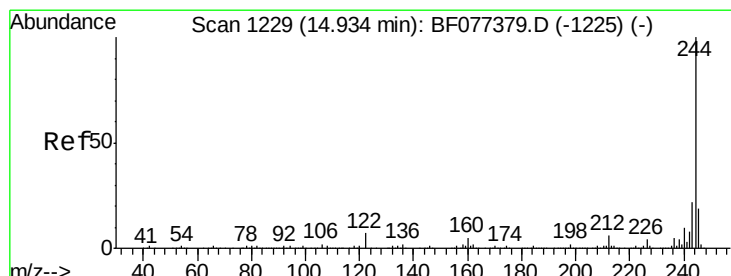
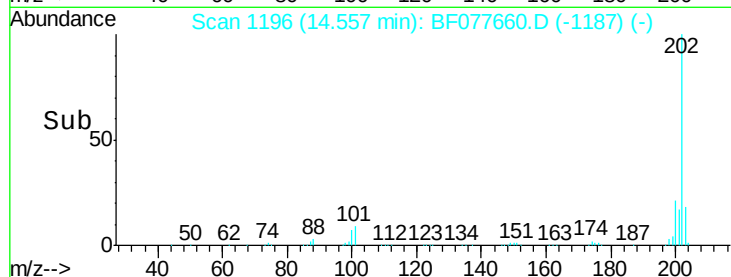
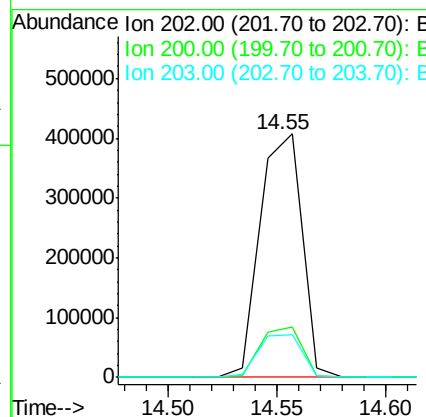
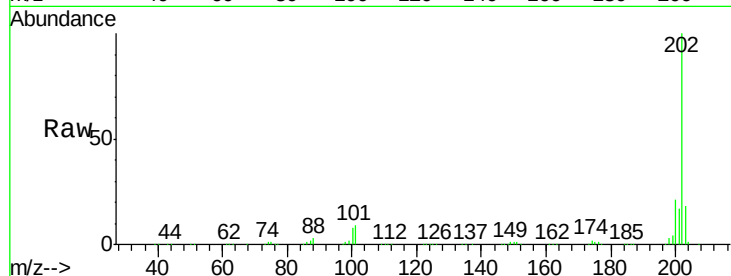
#77
Pvrene
Concen: 39.38 ng
RT: 14.55 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampled :
PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.2	21.2

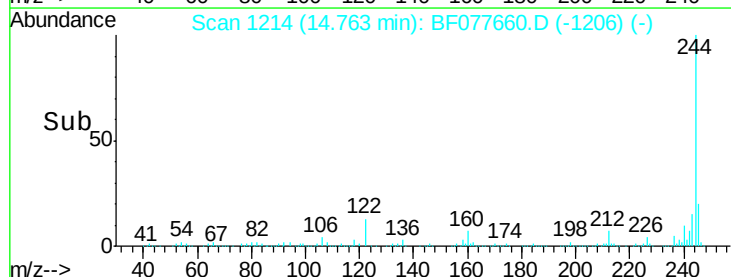
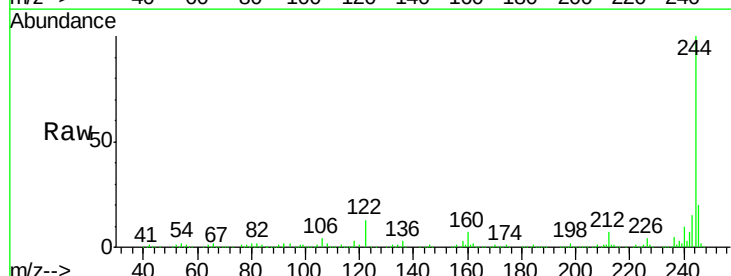
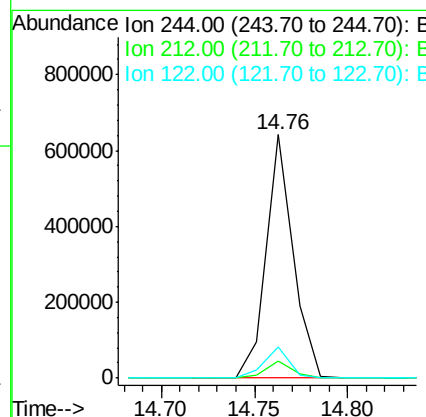
Manual Integrations
APPROVED

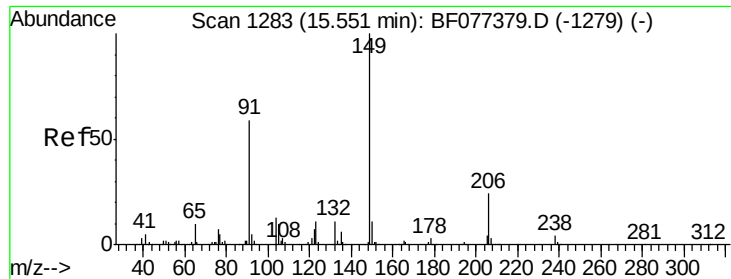
mohammad
3/12/2015 2:21:43 PM



#78
Terphenyl-d14
Concen: 65.02 ng
RT: 14.76 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.2	7.8
122	12.7	7.8	11.8#





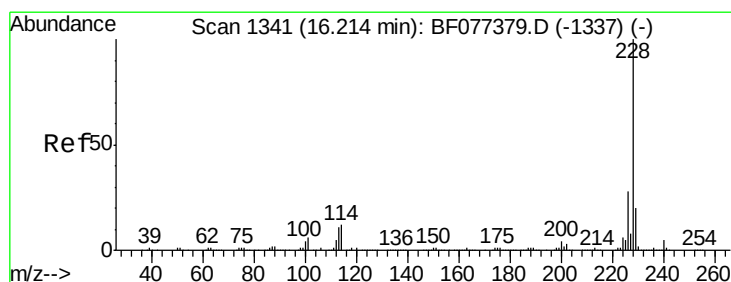
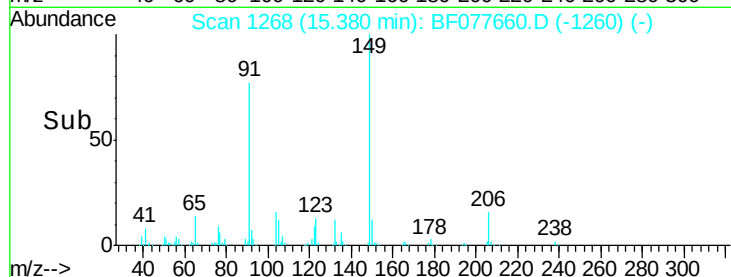
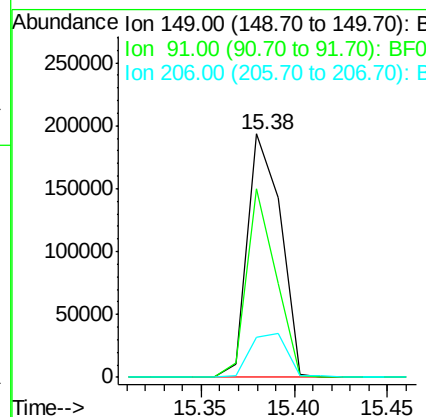
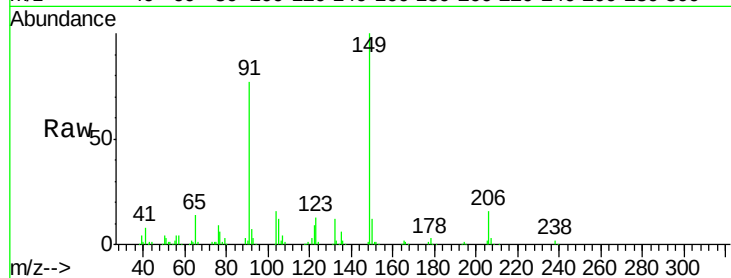
#79
Butylbenzylphthalate
Concen: 41.48 ng
RT: 15.38 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleID :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	240178		
91	77.2	51.2	76.8#	
206	16.4	17.8	26.8#	

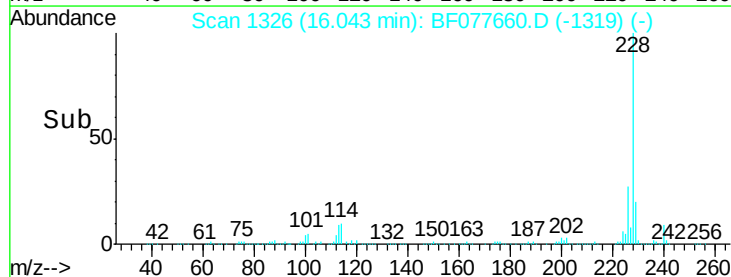
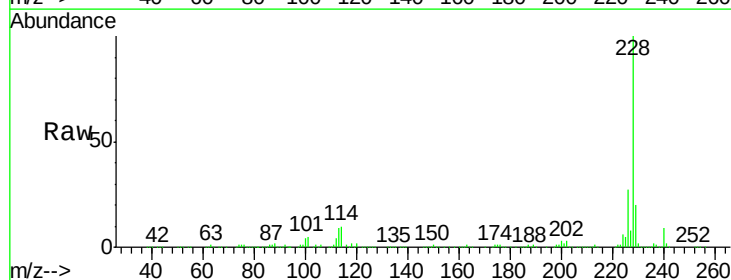
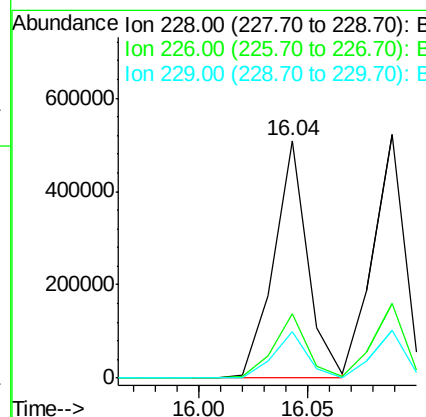
Manual Integrations
APPROVED

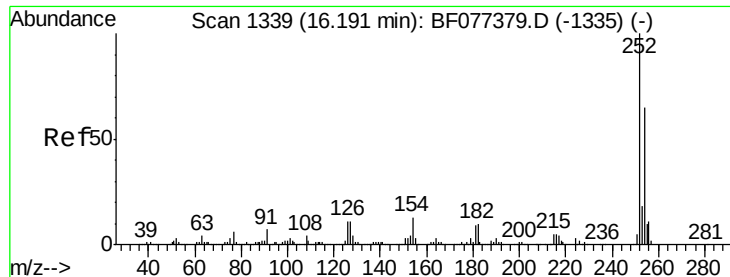
mohammad
3/12/2015 2:21:43 PM



#80
Benzo(a)anthracene
Concen: 41.10 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	554217		
226	27.0	22.0	33.0	
229	19.7	15.8	23.8	





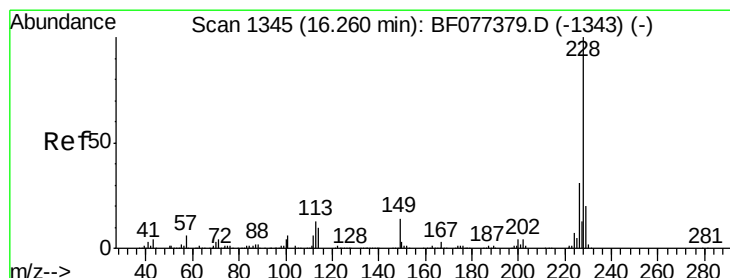
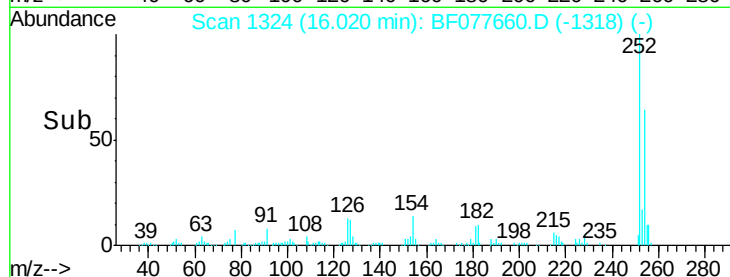
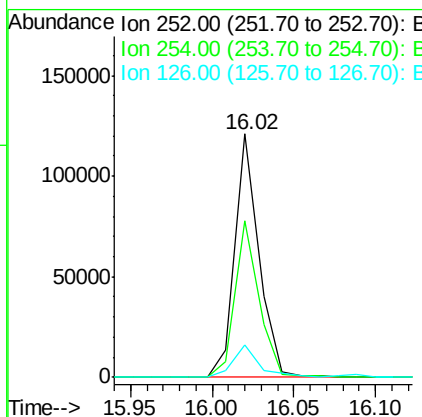
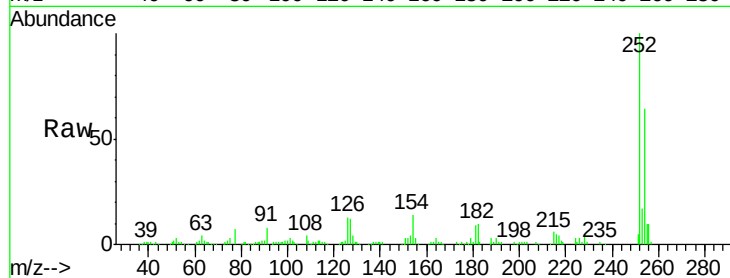
#81
 3,3'-Dichlorobenzidine
 Concen: 24.91 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	52.9	79.3
126	13.1	7.3	10.9

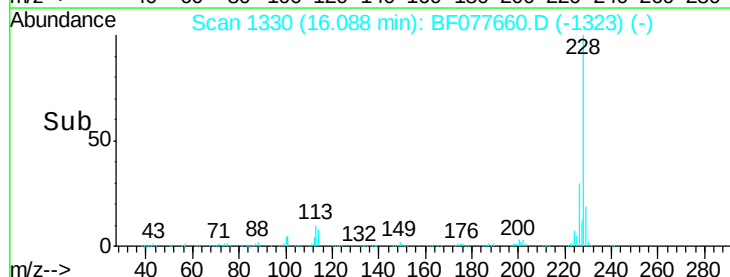
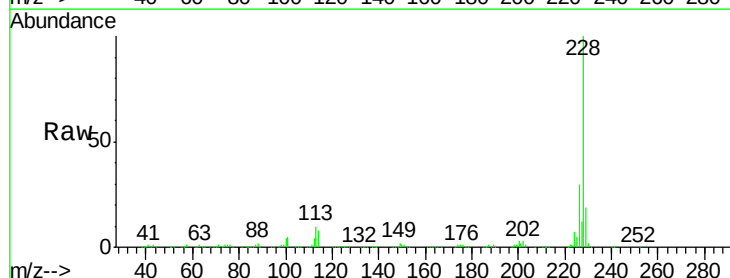
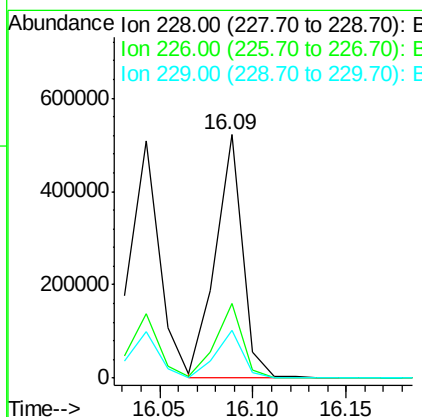
Manual Integrations
 APPROVED

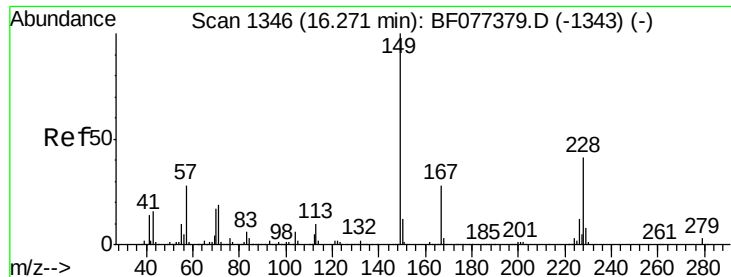
mohammad
 3/12/2015 2:21:43 PM



#82
 Chrysene
 Concen: 41.68 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.4	16.4	24.6





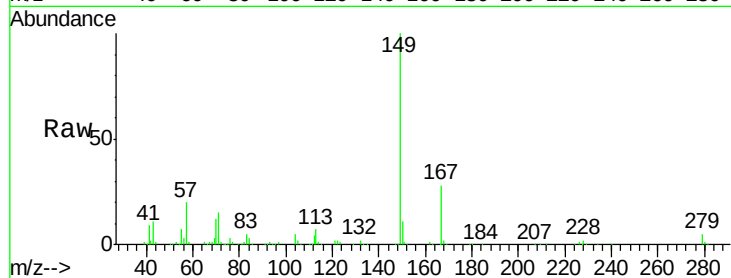
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.48 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

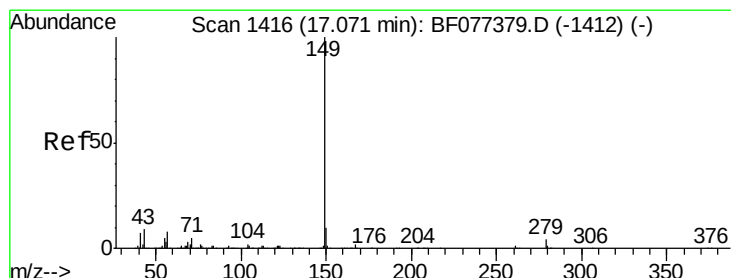
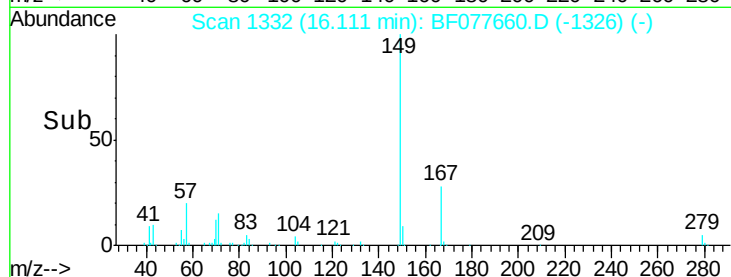
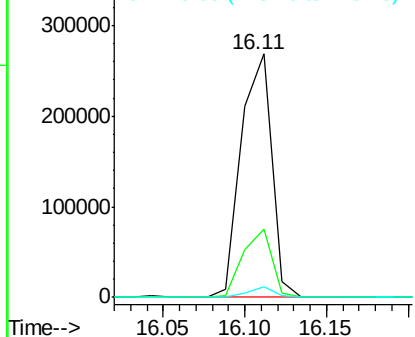
Tot Ion	Ratio	Resp	Lower	Upper
149	100	348035		
167	28.0		22.8	34.2
279	4.6		3.8	5.6

Manual Integrations
 APPROVED

mohammad
 3/12/2015 2:21:43 PM

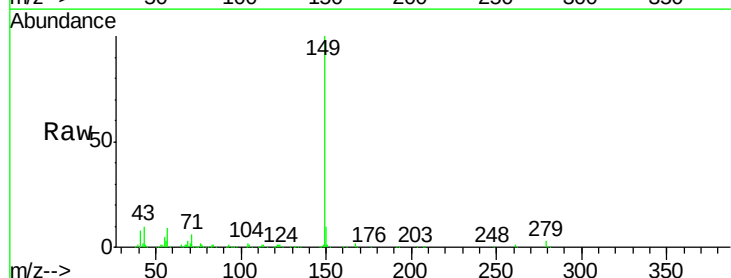


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

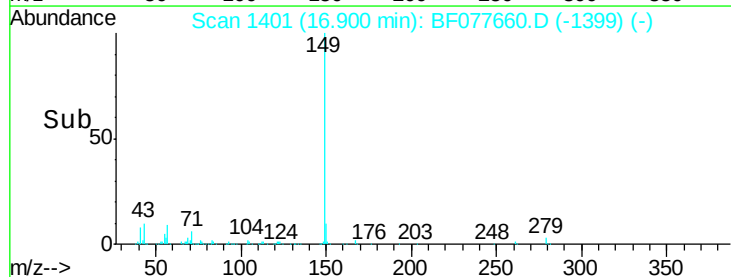
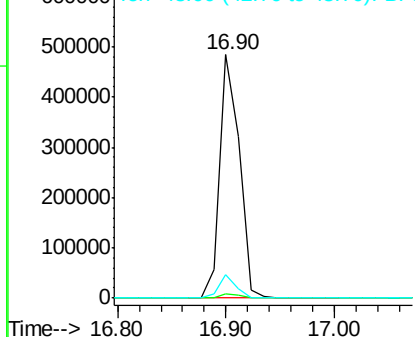


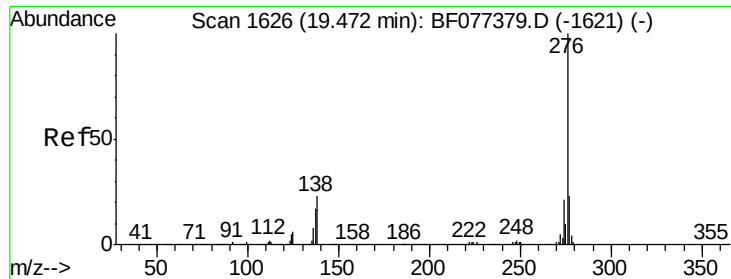
#84
 Di-n-octyl phthalate
 Concen: 39.25 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	608386		
167	1.6		1.3	1.9
43	8.5		8.1	12.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





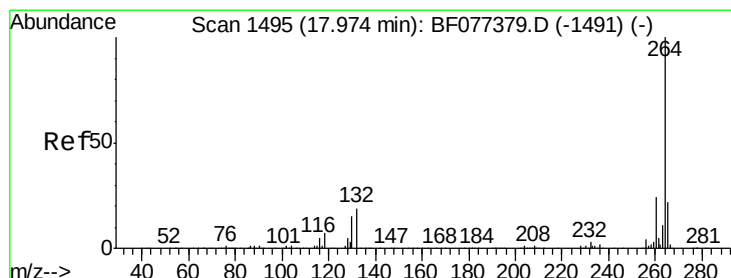
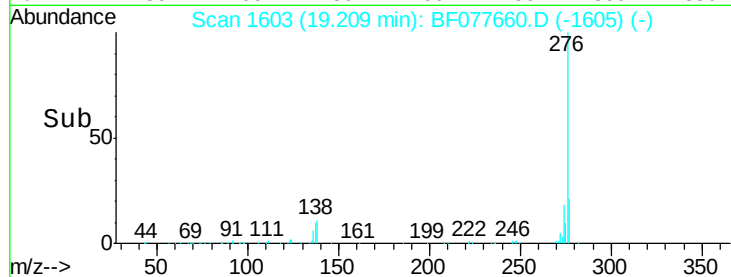
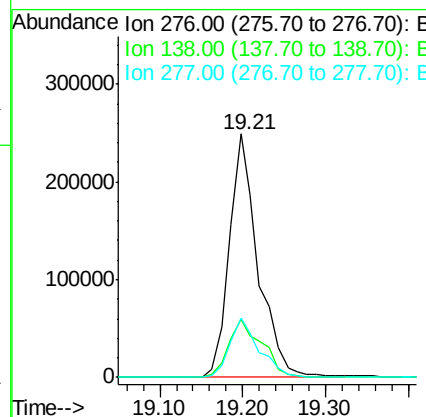
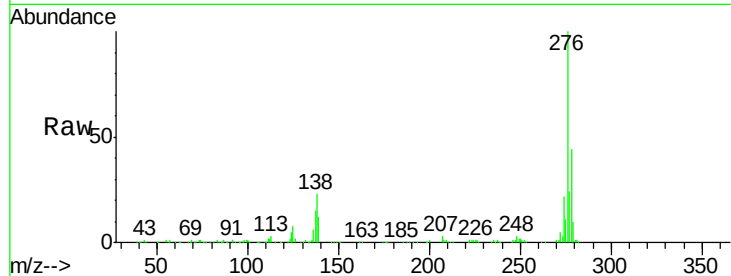
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.52 ng/ml
RT: 19.21 min Scan# 1603
Delta R.T. -0.13 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#

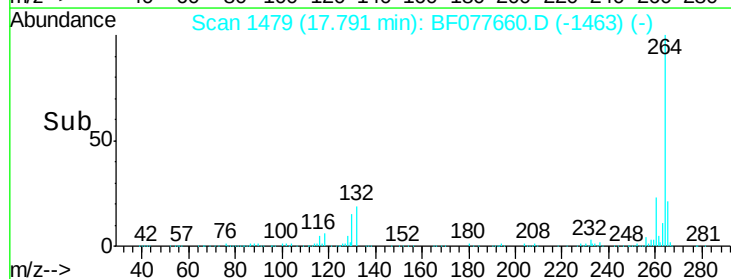
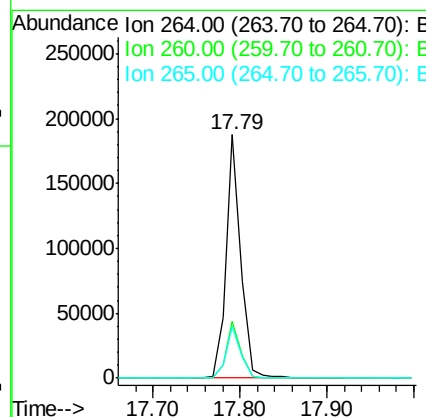
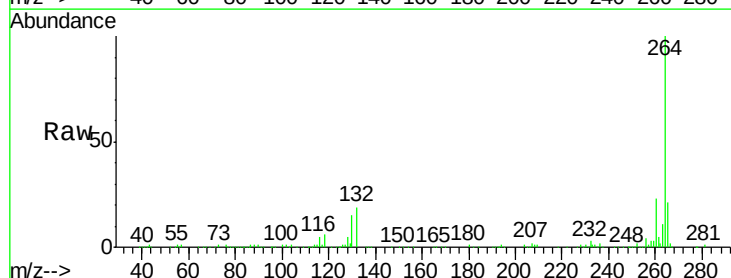
Manual Integrations
APPROVED

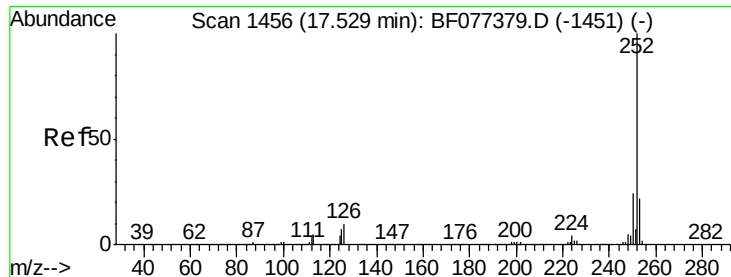
mohammad
3/12/2015 2:21:43 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.11 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.3	16.8	25.2





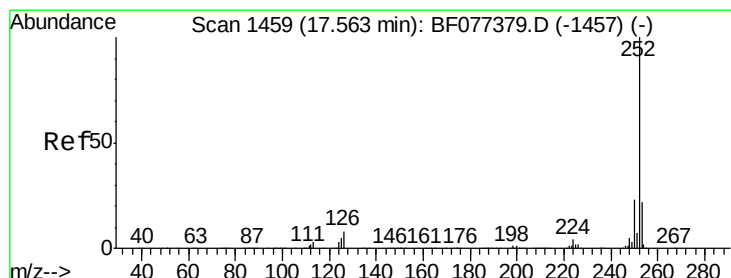
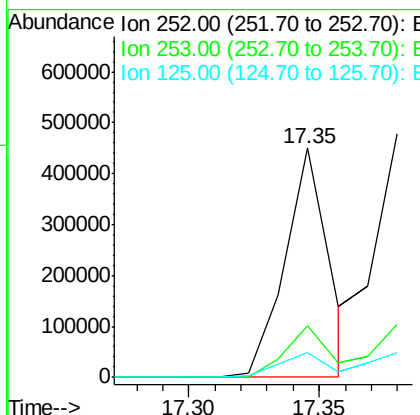
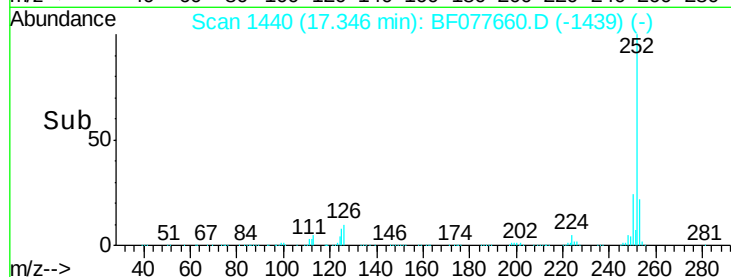
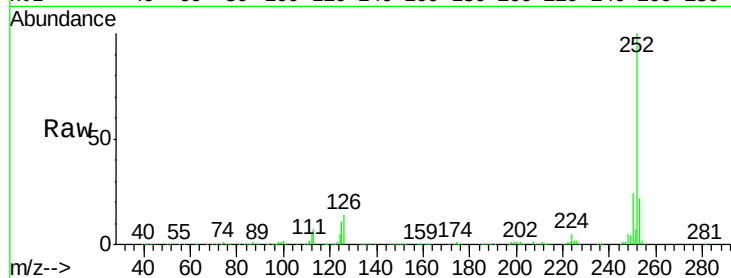
#87
Benzo(b)fluoranthene
Concen: 40.59 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.09 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	520220		
253	22.4		17.6	26.4
125	10.7		5.4	8.2#

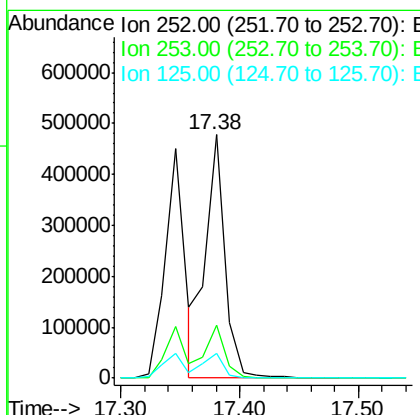
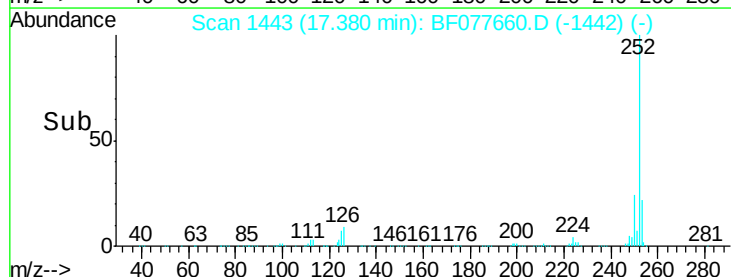
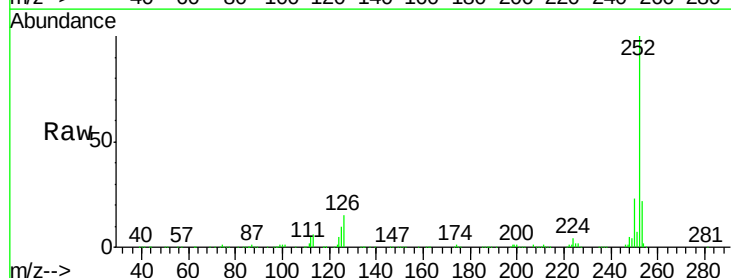
Manual Integrations
APPROVED

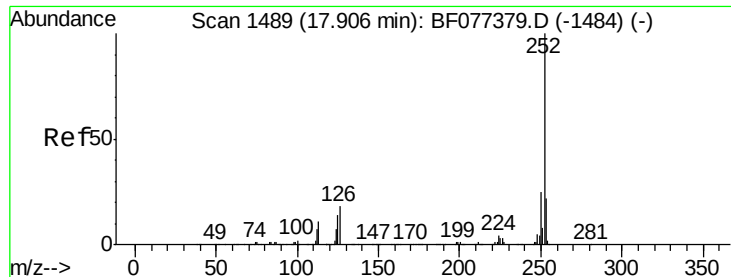
mohammad
3/12/2015 2:21:43 PM



#88
Benzo(k)fluoranthene
Concen: 43.38 ng m
RT: 17.38 min Scan# 1443
Delta R.T. -0.09 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	544811		
253	22.0		18.1	27.1
125	10.1		10.1	15.1





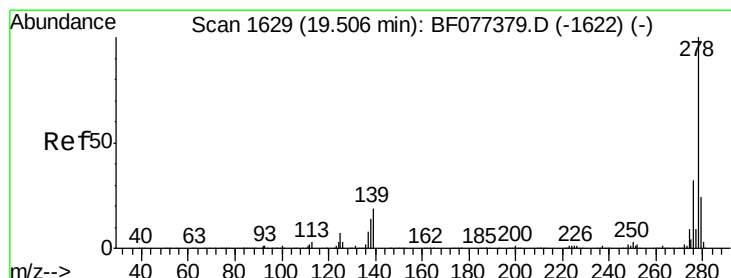
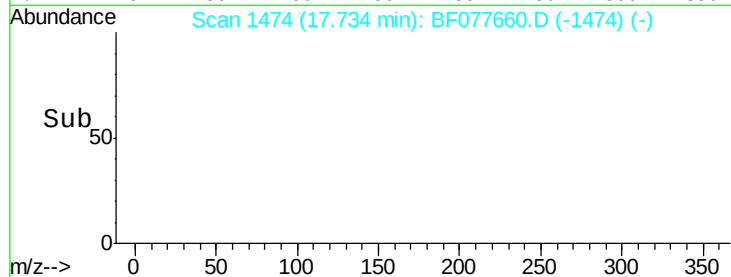
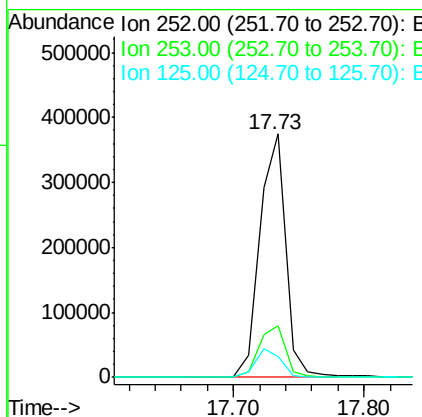
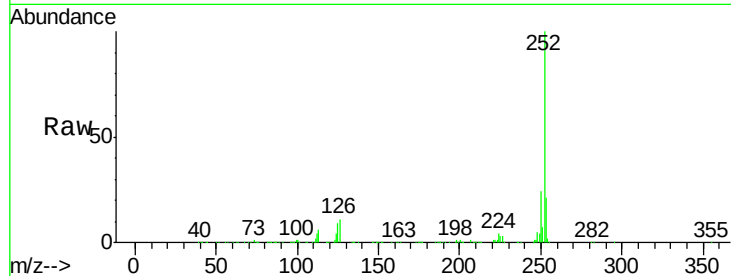
#89
Benzo(a)pyrene
Concen: 42.79 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.11 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	8.6	8.3	12.5

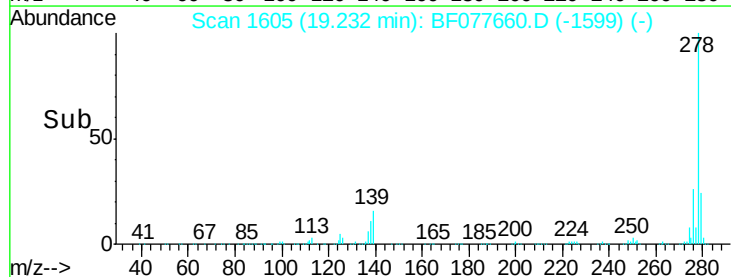
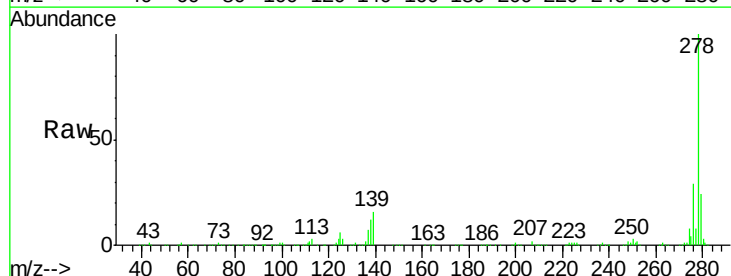
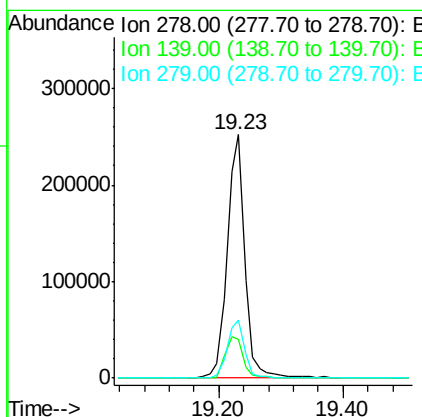
Manual Integrations
APPROVED

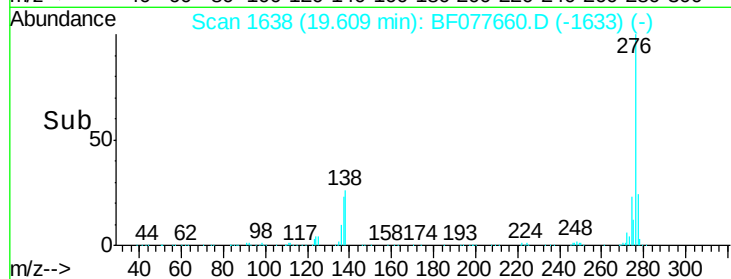
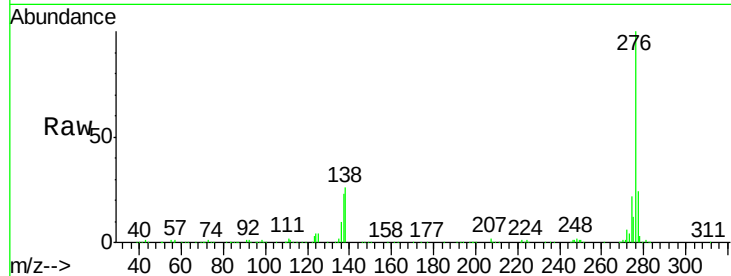
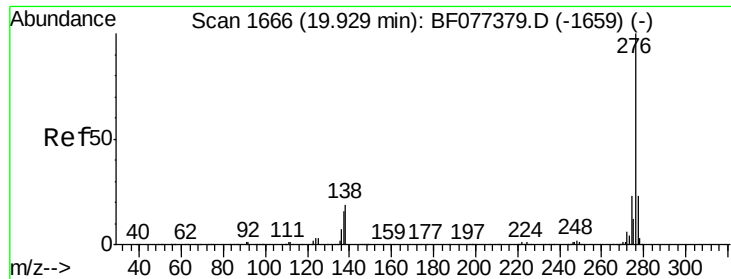
mohammad
3/12/2015 2:21:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.78 ng
RT: 19.23 min Scan# 1605
Delta R.T. -0.13 min
Lab File: BF077660.D
Acq: 10 Mar 2015 14:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.3	21.5
279	23.6	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.23 ng
 RT: 19.61 min Scan# 1638
 Delta R.T. -0.14 min
 Lab File: BF077660.D
 Acq: 10 Mar 2015 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion:	276	Resp:	507861
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.9	28.3
138	25.7	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/12/2015 2:21:43 PM

