

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077699.D
 Acq On : 11 Mar 2015 20:58
 Operator : TP/IZ
 Sample : PB81894BSD
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM

Quant Time: Mar 12 04:54:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51678	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	215320	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	114072	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	214538	20.00	ng	0.00
75) Chrysene-d12	16.03	240	253515	20.00	ng	0.00
86) Perylene-d12	17.73	264	235497	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	245770	83.01	ng	0.00
7) Phenol-d6	6.74	99	315995	86.39	ng	0.00
23) Nitrobenzene-d5	7.86	82	221273	67.36	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	86593	79.34	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	520015	66.99	ng	0.00
78) Terphenyl-d14	14.75	244	702375	67.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	47803	35.56	ng	# 100
3) Pyridine	2.76	79	145210	40.21	ng	99
4) n-Nitrosodimethylamine	2.69	42	63976	40.68	ng	95
6) Aniline	6.75	93	105077	20.08	ng	# 1
8) 2-Chlorophenol	6.90	128	149433	42.40	ng	98
9) Benzaldehyde	6.61	77	17227	11.50	ng	100
10) Phenol	6.75	94	182776	42.27	ng	87
11) bis(2-Chloroethyl)ether	6.86	93	135822	41.94	ng	97
12) 1,3-Dichlorobenzene	7.09	146	156809	40.01	ng	99
13) 1,4-Dichlorobenzene	7.20	146	153710	37.74	ng	99
14) 1,2-Dichlorobenzene	7.38	146	142882	38.27	ng	99
15) Benzyl Alcohol	7.36	79	118076	41.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	171969	39.40	ng	98
17) 2-Methylphenol	7.50	107	123773	43.14	ng	98
18) Hexachloroethane	7.79	117	54377	40.71	ng	96
19) n-Nitroso-di-n-propylamine	7.69	70	96707	38.22	ng	99
20) 3+4-Methylphenols	7.70	107	159320	42.32	ng	96
22) Acetophenone	7.68	105	192913	40.47	ng	# 99
24) Nitrobenzene	7.88	77	138031	39.01	ng	99
25) Isophorone	8.19	82	262016	39.50	ng	96
26) 2-Nitrophenol	8.28	139	73392	42.36	ng	96
27) 2,4-Dimethylphenol	8.35	122	134462	42.60	ng	100
28) bis(2-Chloroethoxy)methane	8.46	93	167104	41.50	ng	99
29) 2,4-Dichlorophenol	8.58	162	131394	43.67	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	133366	39.62	ng	98
31) Naphthalene	8.77	128	434194	39.26	ng	99
32) Benzoic acid	8.46	122	74845	42.87	ng	92
33) 4-Chloroaniline	8.85	127	81564	18.17	ng	97
34) Hexachlorobutadiene	8.93	225	72816	38.17	ng	98
35) Caprolactam	9.26	113	38045	43.27	ng	95
36) 4-Chloro-3-methylphenol	9.46	107	134037	44.28	ng	96
37) 2-Methylnaphthalene	9.63	142	308533	41.53	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	135020	39.68	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	133676	78.54	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077699.D
 Acq On : 11 Mar 2015 20:58
 Operator : TP/IZ
 Sample : PB81894BSD
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM

Quant Time: Mar 12 04:54:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	93521	39.68	nq	99
43) 2,4,5-Trichlorophenol	10.03	196	100822	39.60	nq	99
45) 1,1'-Biphenyl	10.21	154	384104	42.12	nq	98
46) 2-Chloronaphthalene	10.22	162	277074	37.39	nq	# 91
47) 2-Nitroaniline	10.36	65	77433	42.07	nq	100
48) Acenaphthylene	10.74	152	459373	37.28	nq	100
49) Dimethylphthalate	10.60	163	343994	40.66	nq	100
50) 2,6-Dinitrotoluene	10.67	165	74233	42.33	nq	95
51) Acenaphthene	10.96	154	264585	37.45	nq	99
52) 3-Nitroaniline	10.86	138	47356	23.25	nq	# 73
53) 2,4-Dinitrophenol	11.01	184	57063	87.71	nq	# 62
54) Dibenzofuran	11.17	168	425563	40.61	nq	99
55) 4-Nitrophenol	11.09	139	132635	87.91	nq	88
56) 2,4-Dinitrotoluene	11.16	165	99300	43.42	nq	95
57) Fluorene	11.60	166	343716	39.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	81134	41.38	nq	# 100
59) Diethylphthalate	11.48	149	343413	41.66	nq	100
60) 4-Chlorophenyl-phenylether	11.61	204	158803	39.99	nq	98
61) 4-Nitroaniline	11.63	138	77364	38.11	nq	99
62) Azobenzene	11.80	77	316376	40.16	nq	98
64) 4,6-Dinitro-2-methylphenol	11.66	198	41493	41.59	nq	96
65) n-Nitrosodiphenylamine	11.76	169	300853	42.11	nq	99
66) 4-Bromophenyl-phenylether	12.21	248	97340	42.52	nq	98
67) Hexachlorobenzene	12.27	284	106328	42.27	nq	95
68) Atrazine	12.43	200	98645	49.27	nq	99
69) Pentachlorophenol	12.52	266	114935	86.95	nq	97
70) Phenanthrene	12.79	178	508718	41.31	nq	100
71) Anthracene	12.84	178	490978	40.35	nq	100
72) Carbazole	13.05	167	461936	39.91	nq	100
73) Di-n-butylphthalate	13.51	149	546409	42.10	nq	100
74) Fluoranthene	14.26	202	562439	41.40	nq	99
76) Benzidine	14.43	184	176812	28.05	nq	99
77) Pyrene	14.53	202	614203	38.53	nq	99
79) Butylbenzylphthalate	15.37	149	261282	41.57	nq	100
80) Benzo(a)anthracene	16.02	228	585894	38.99	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	117784	23.76	nq	98
82) Chrysene	16.07	228	555926	41.14	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	398911	41.90	nq	100
84) Di-n-octyl phthalate	16.87	149	664353	40.81	nq	99
85) Indeno(1,2,3-cd)pyrene	19.12	276	563532	33.41	nq	# 100
87) Benzo(b)fluoranthene	17.30	252	584614	38.03	nq	# 95
88) Benzo(k)fluoranthene	17.32	252	549552m	45.76	nq	
89) Benzo(a)pyrene	17.67	252	547437	42.68	nq	# 96
90) Dibenzo(a,h)anthracene	19.14	278	471857	37.09	nq	97
91) Benzo(g,h,i)perylene	19.53	276	473292	36.54	nq	98

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

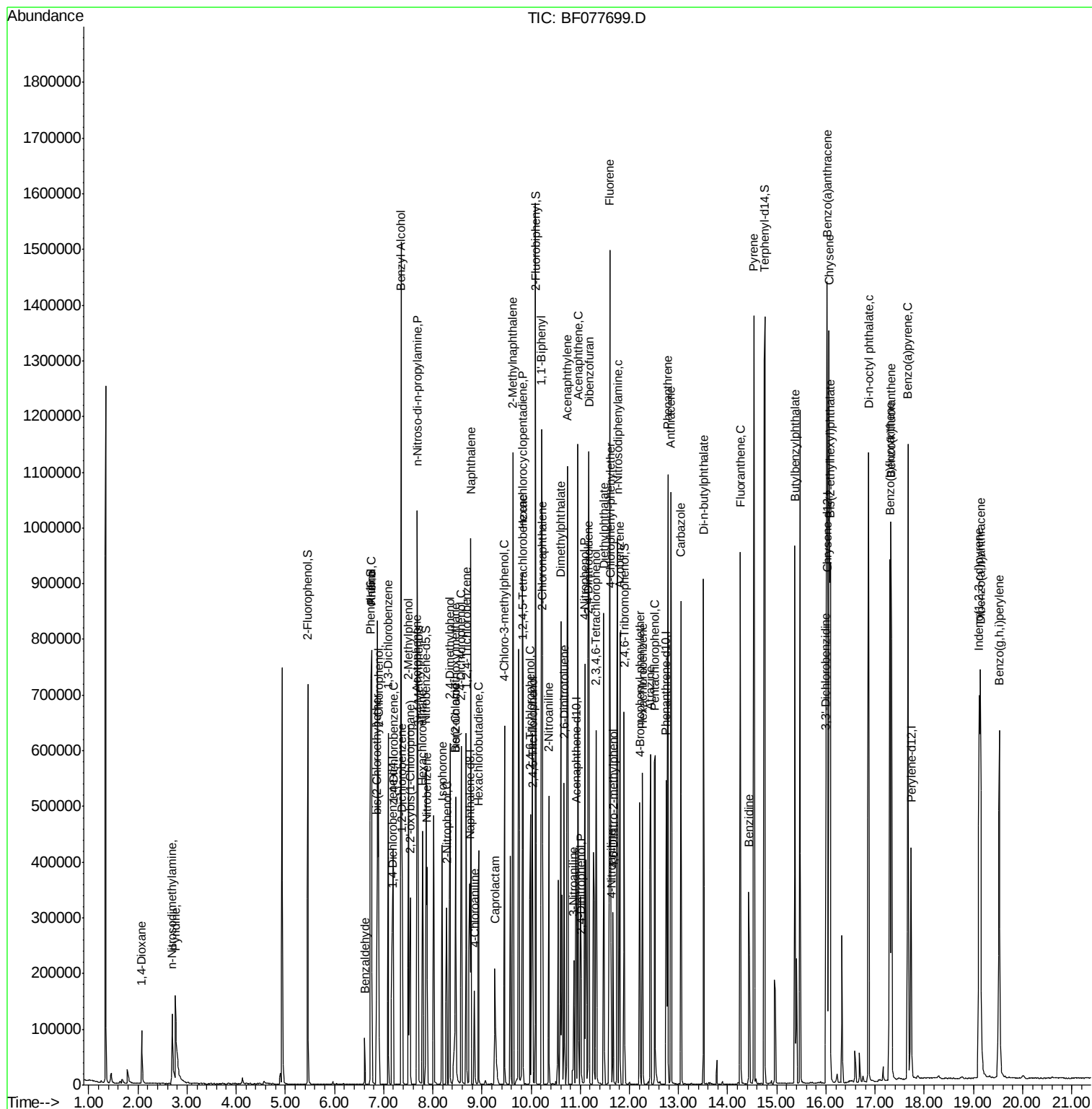
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\  
Data File : BF077699.D  
Acq On    : 11 Mar 2015   20:58  
Operator  : TP/IZ  
Sample    : PB81894BSD  
Misc      : S  
ALS Vial  : 20      Sample Multiplier: 1
```

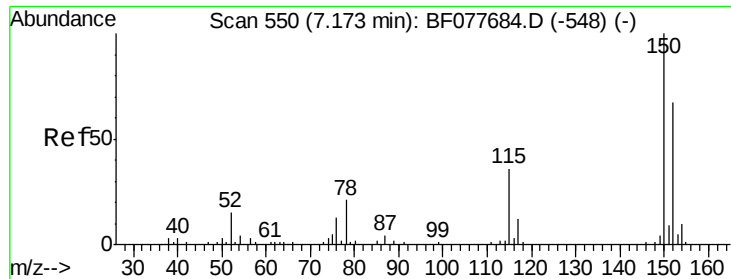
Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Manual Integrations APPROVED

mohammad
3/13/2015 9:40:33 AM

Quant Time: Mar 12 04:54:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration





#1

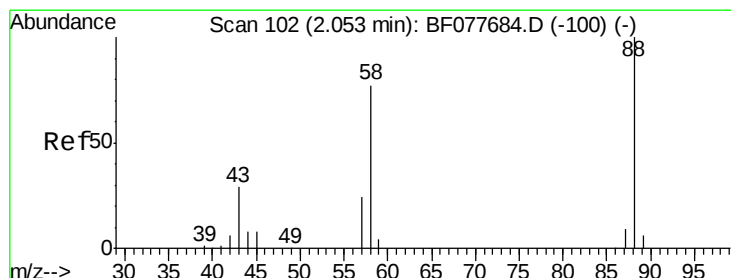
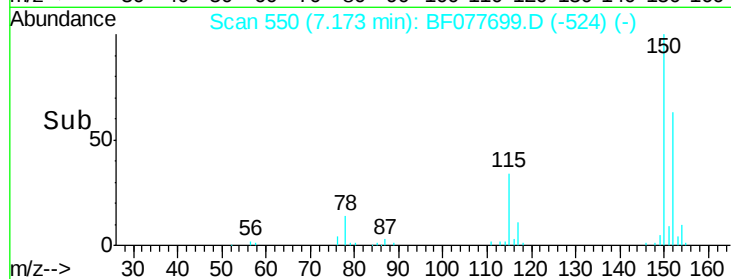
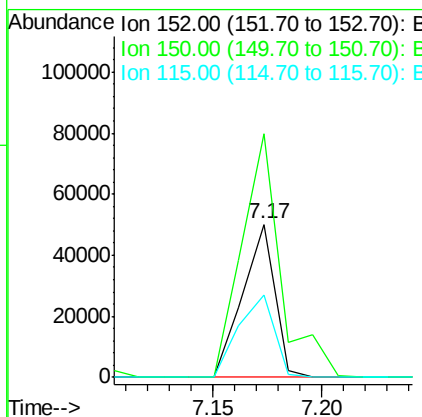
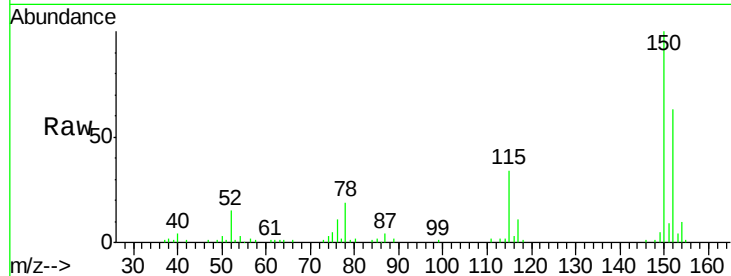
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	119.5	179.3
115	54.1	43.0	64.4

Manual Integrations
APPROVED

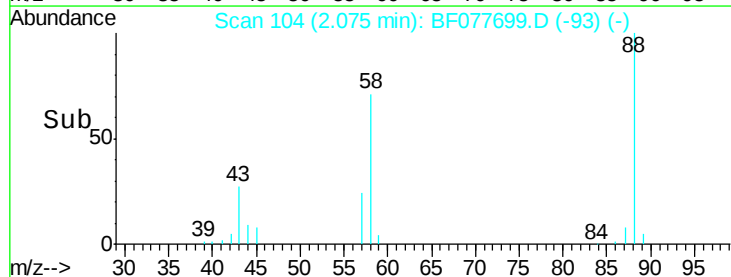
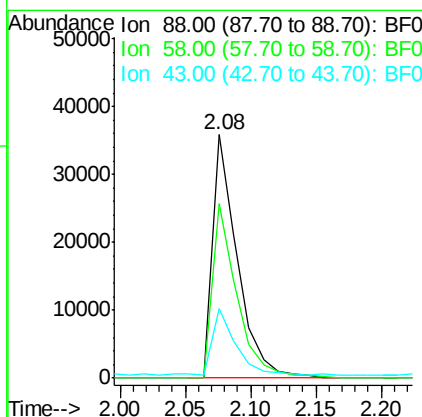
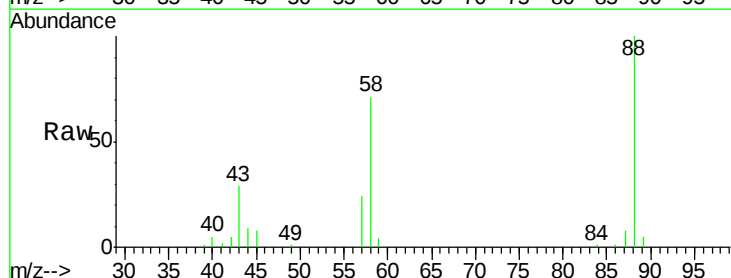
mohammad
3/13/2015 9:40:33 AM

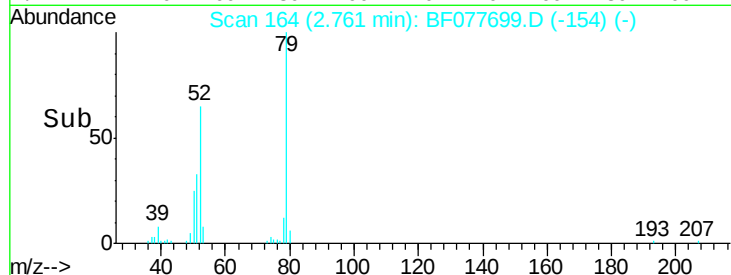
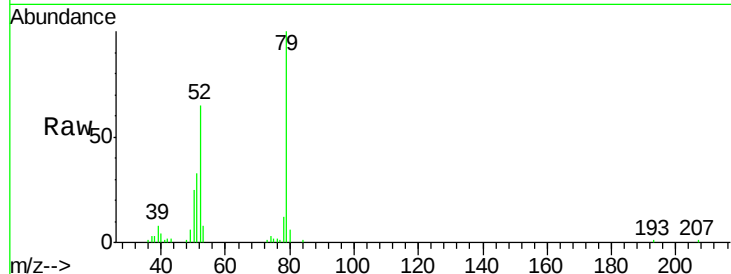
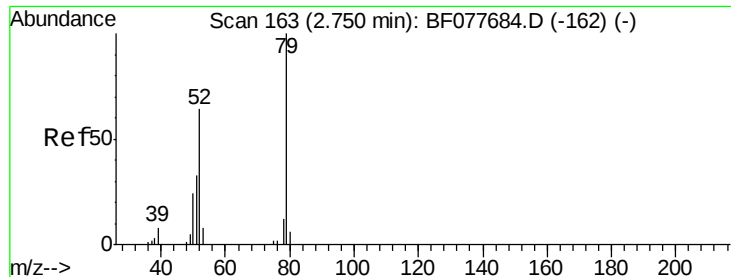


#2

1,4-Dioxane
Concen: 35.56 ng
RT: 2.08 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	0.0	0.0#
43	26.1	0.0	0.0#





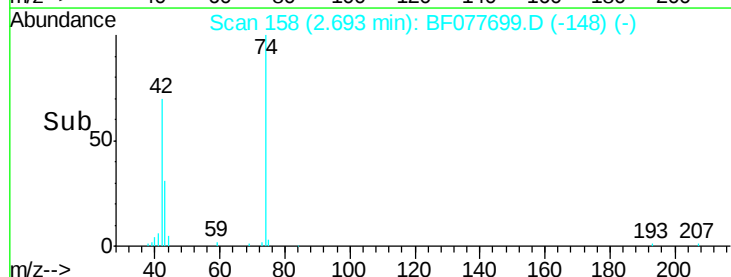
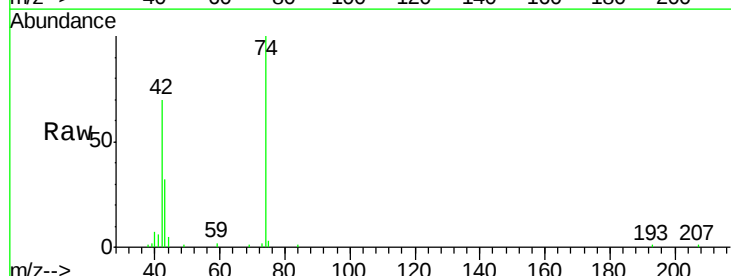
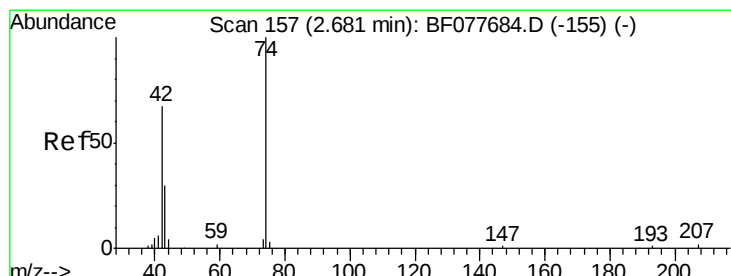
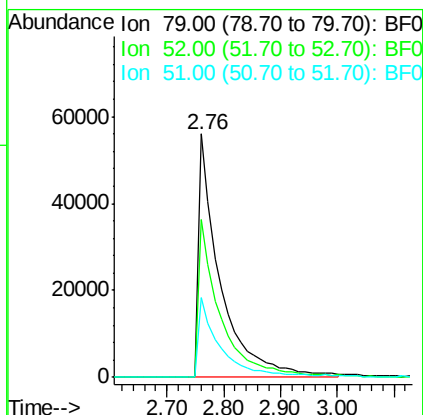
#3
 Pvridine
 Concen: 40.21 ng
 RT: 2.76 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	51.1	76.7
51	32.7	26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

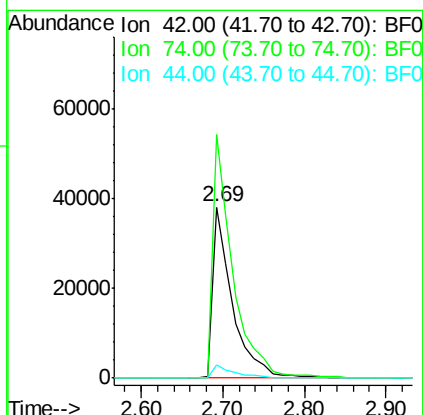
Manual Integrations
 APPROVED

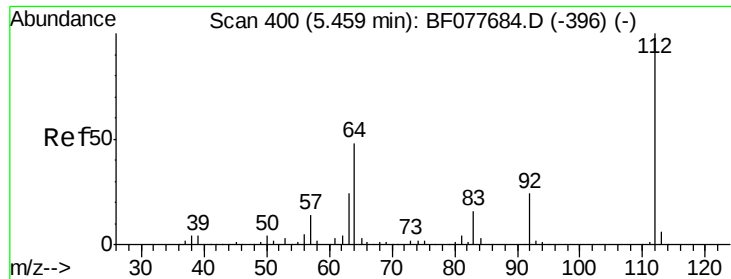
mohammad
 3/13/2015 9:40:33 AM



#4
 n-Nitrosodimethylamine
 Concen: 40.68 ng
 RT: 2.69 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.2	119.3	178.9
44	7.4	5.4	8.2





#5

2-Fluorophenol

Concen: 83.01 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

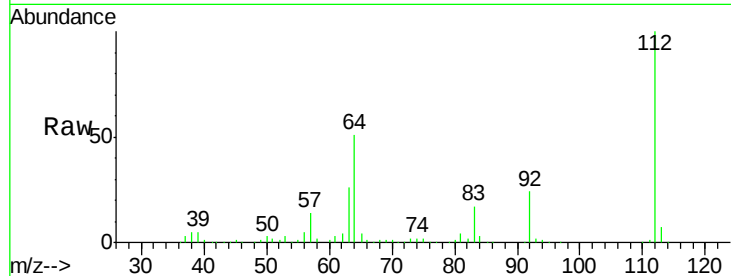
ClientSampleID :

PB81894BSD

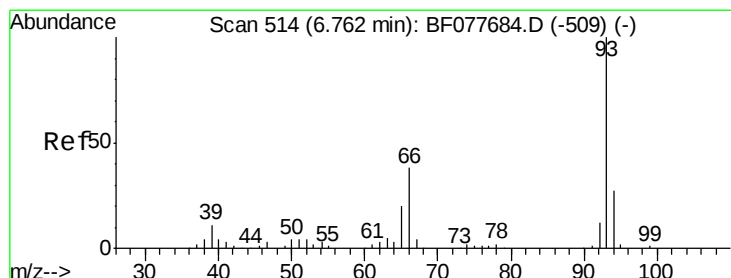
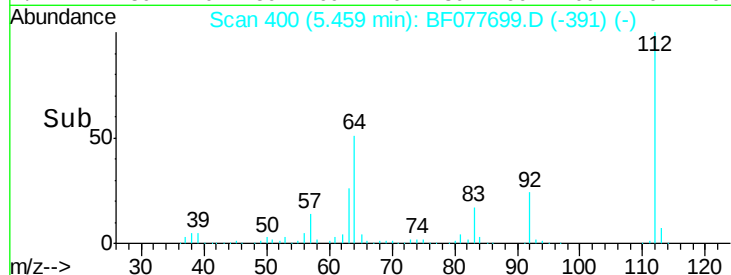
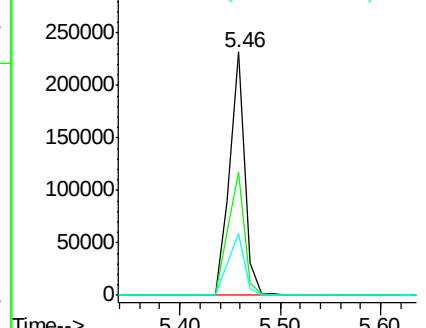
Tot Ion:	112	Resp:	245770
Ion Ratio		Lower	Upper
112	100		
64	50.8	38.6	57.8
63	25.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



Abundance Ion 112.00 (111.70 to 112.70): BF077699.D (-505) (-)



#6

Aniline

Concen: 20.08 ng

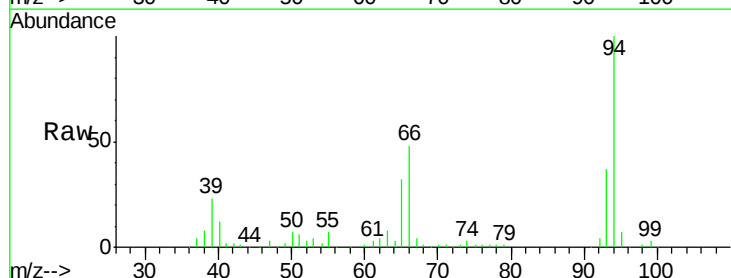
RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

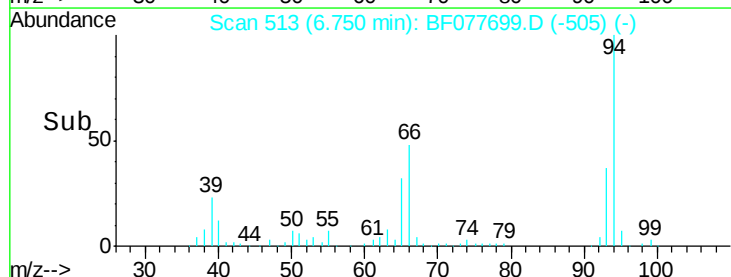
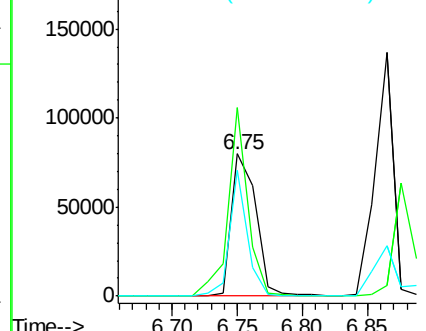
Lab File: BF077699.D

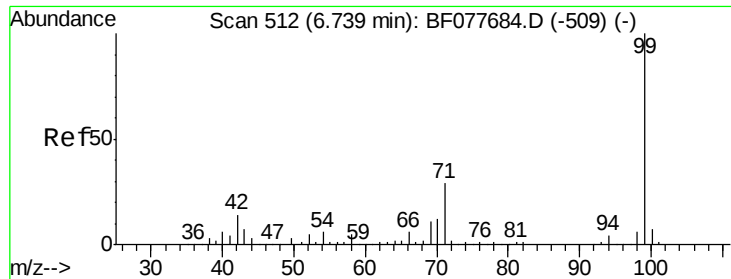
Acq: 11 Mar 2015 20:58

Tgt Ion:	93	Resp:	105077
Ion Ratio		Lower	Upper
93	100		
66	132.4	30.8	46.2#
65	88.2	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077699.D (-505) (-)





#7

Phenol-d6

Concen: 86.39 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

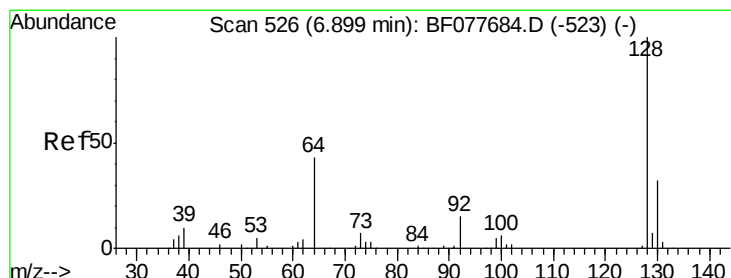
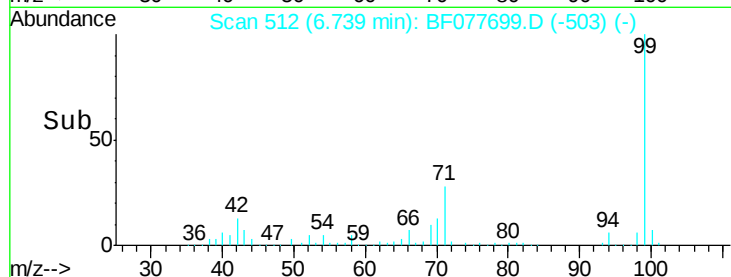
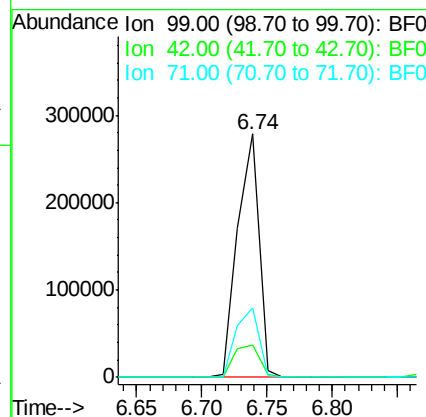
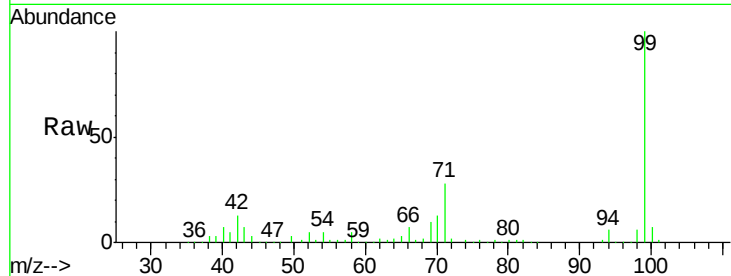
ClientSampleId :

PB81894BSD

Tot Ion:	99	Resp:	315995
Ion Ratio	Lower	Upper	
99	100		
42	13.1	11.0	16.4
71	28.4	23.4	35.2

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#8

2-Chlorophenol

Concen: 42.40 ng

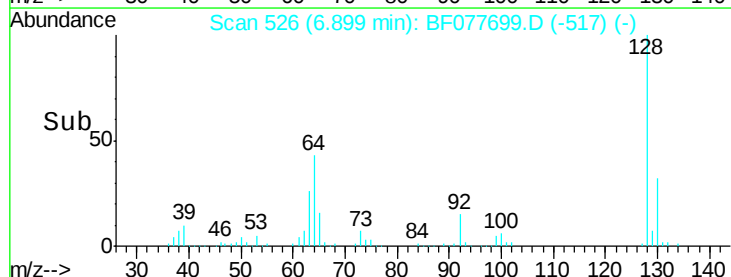
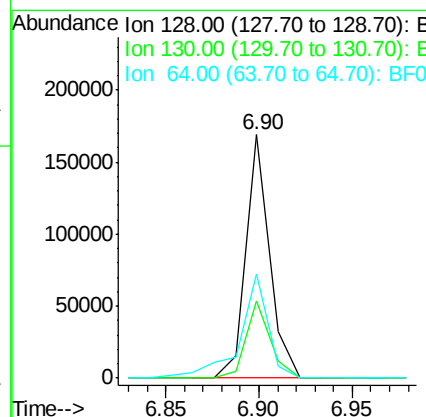
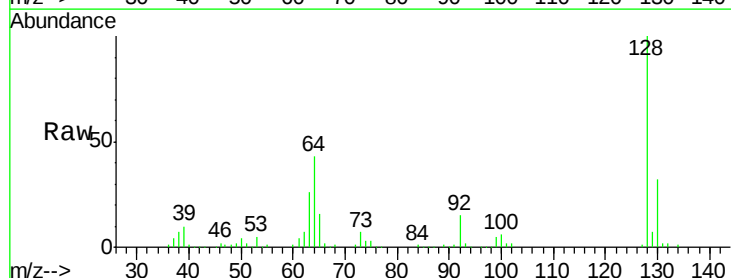
RT: 6.90 min Scan# 526

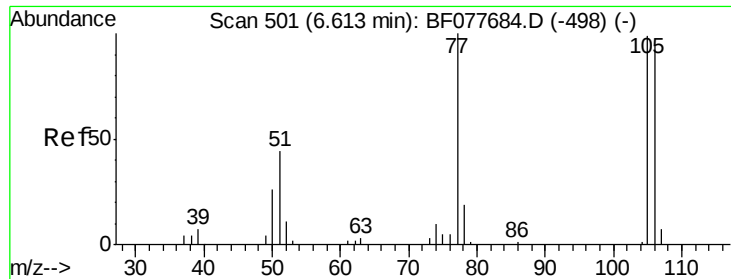
Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:	128	Resp:	149433
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.0	52.0
64	42.6	24.9	64.9





#9

Benzaldehyde

Concen: 11.50 ng

RT: 6.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

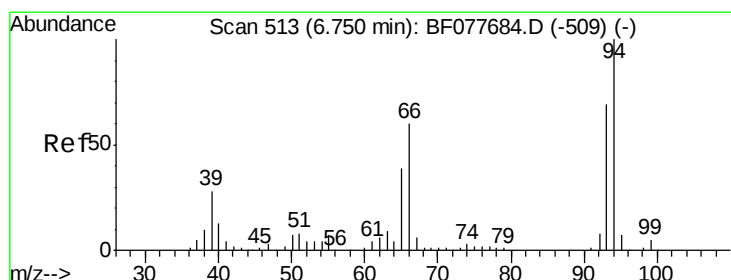
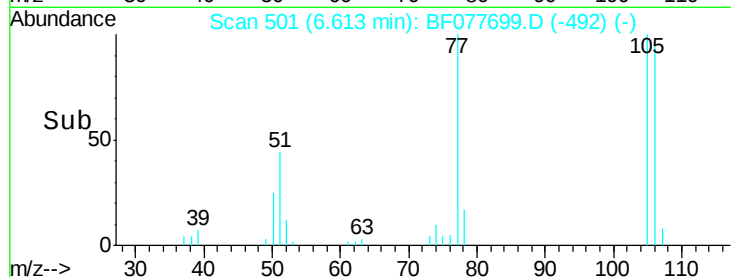
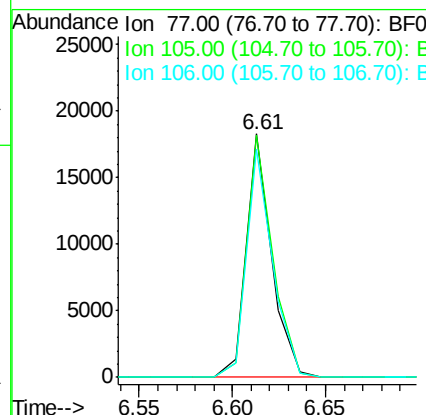
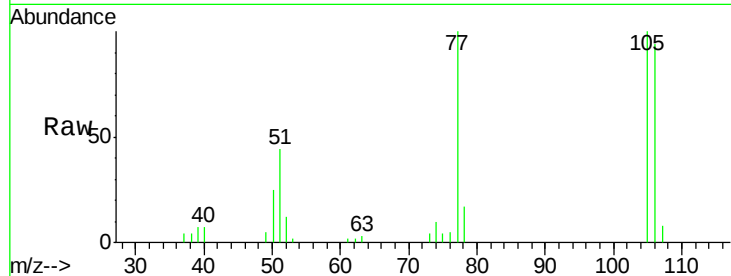
ClientSampleID :

PB81894BSD

Tot Ion:	77	Resp:	17227
Ion	Ratio	Lower	Upper
77	100		
105	99.6	78.8	118.8
106	93.7	73.7	113.7

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#10

Phenol

Concen: 42.27 ng

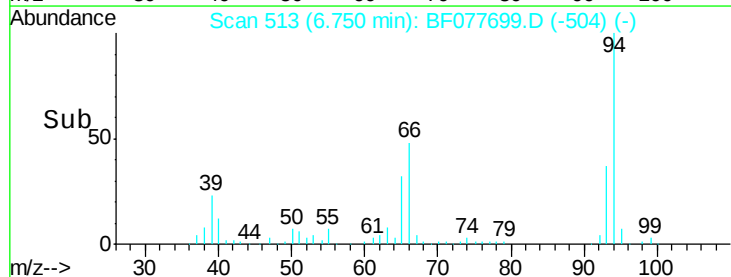
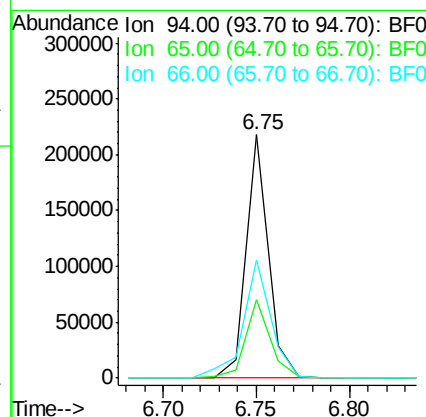
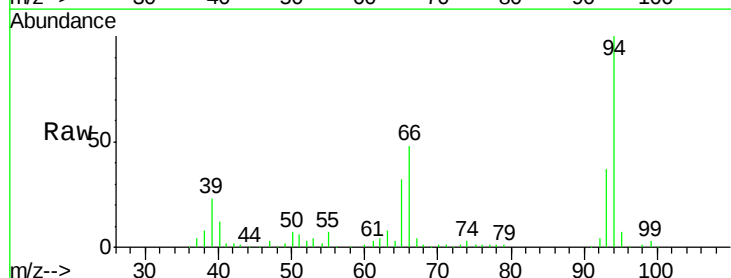
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:	94	Resp:	182776
Ion	Ratio	Lower	Upper
94	100		
65	32.2	18.8	58.8
66	48.4	39.9	79.9





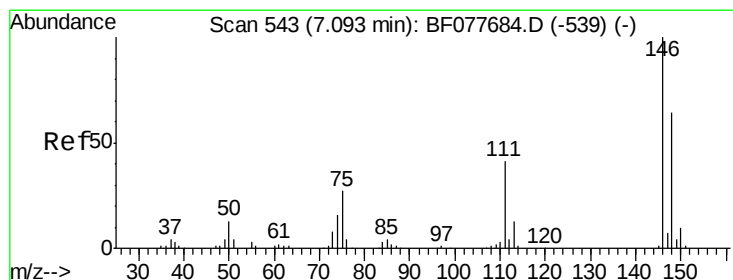
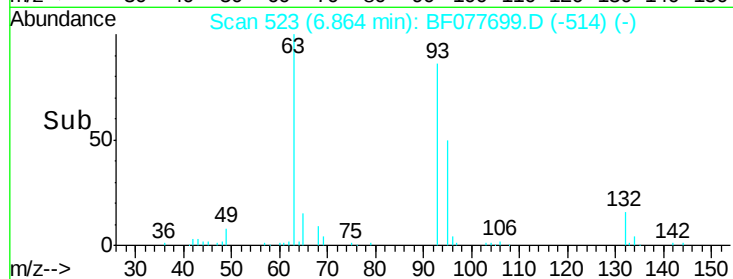
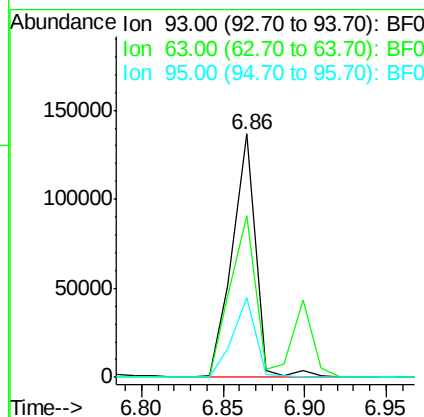
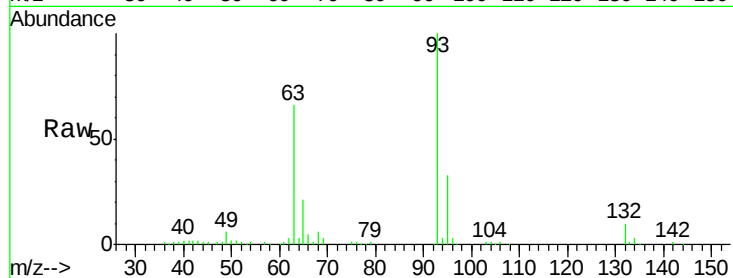
#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion:	93	Resp:	135822
Ion Ratio	Lower	Upper	
93	100		
63	66.4	49.5	89.5
95	33.0	13.5	53.5

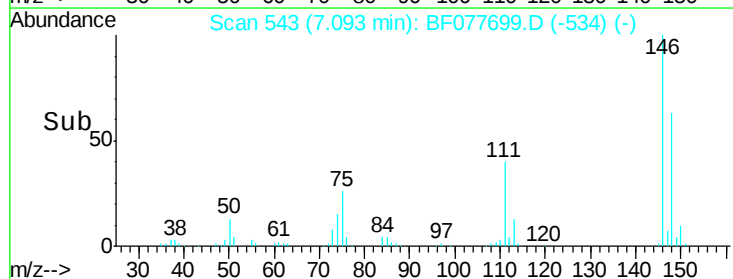
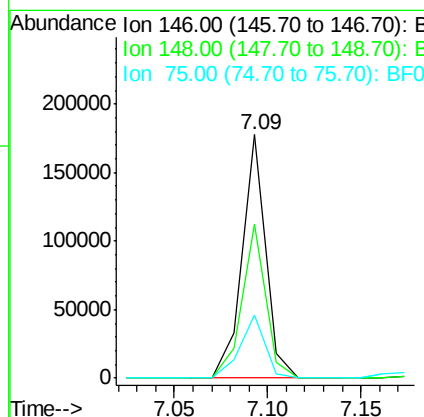
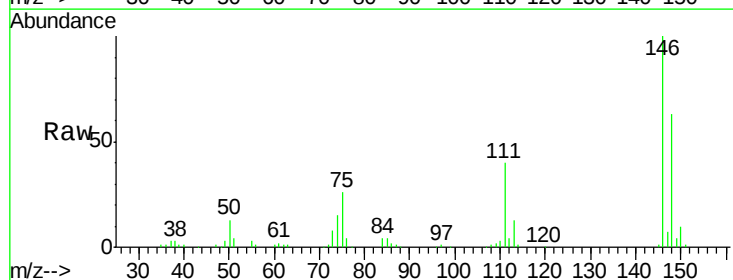
Manual Integrations
APPROVED

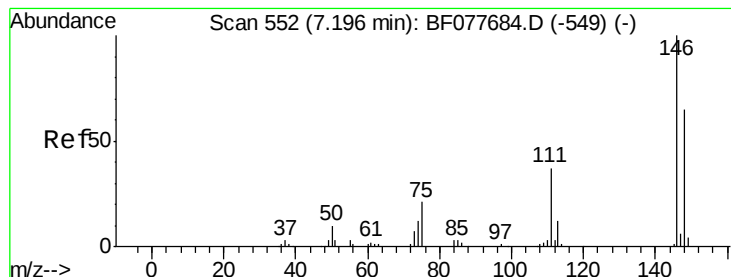
mohammad
3/13/2015 9:40:33 AM



#12
1,3-Dichlorobenzene
Concen: 40.01 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:	146	Resp:	156809
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.9	76.3
75	25.8	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 37.74 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077699.D

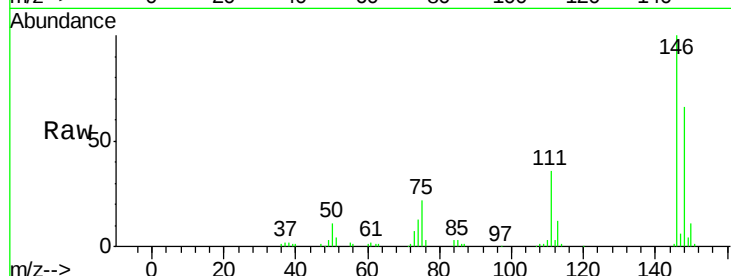
Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

ClientSampleId :

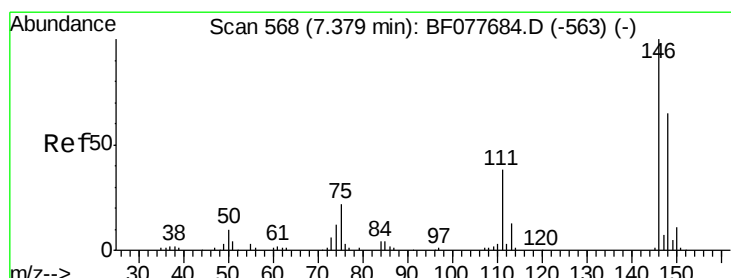
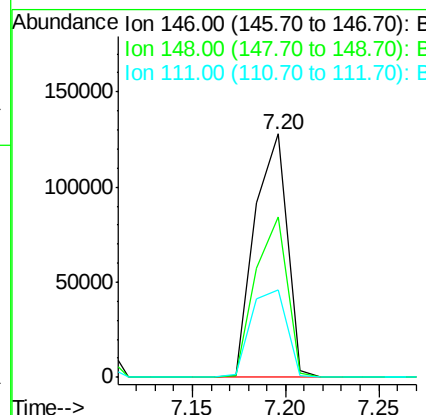
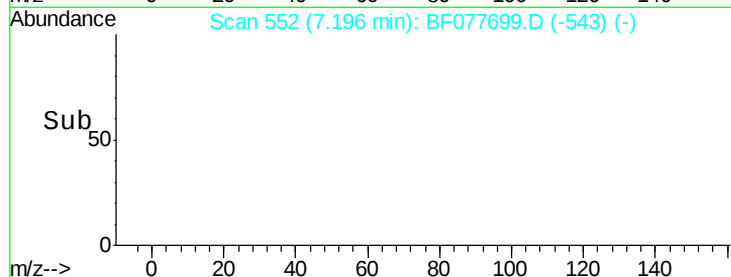
PB81894BSD



Tot Ion:	146	Resp:	153710
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.9	77.9
111	35.8	29.2	43.8

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#14

1,2-Dichlorobenzene

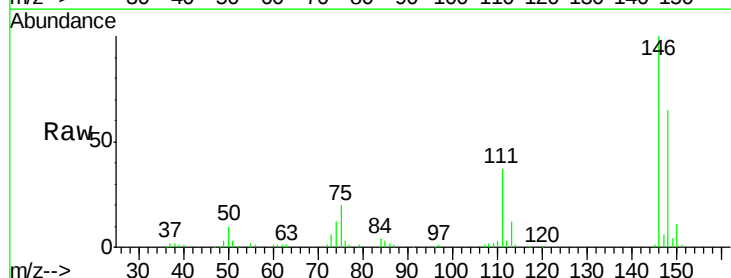
Concen: 38.27 ng

RT: 7.38 min Scan# 568

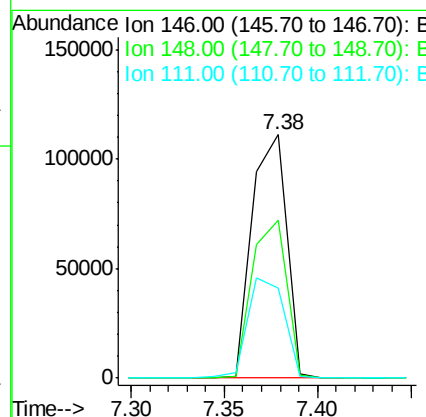
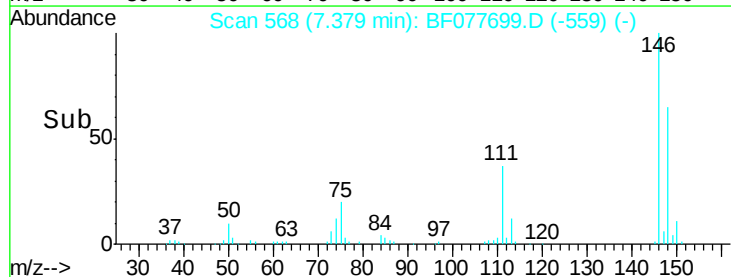
Delta R.T. -0.00 min

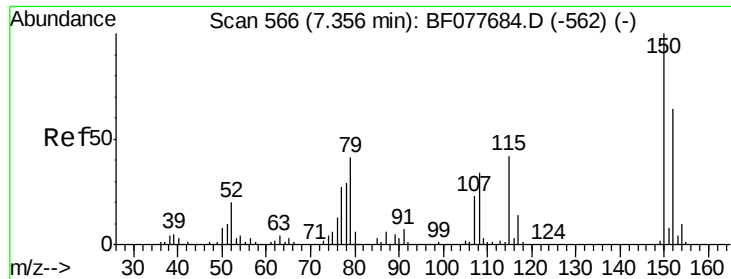
Lab File: BF077699.D

Acq: 11 Mar 2015 20:58



Tgt Ion:	146	Resp:	142882
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	36.8	30.6	45.8





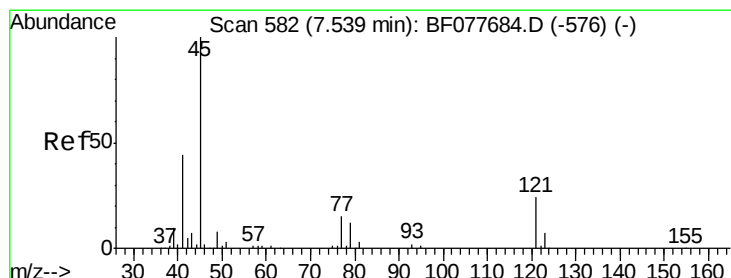
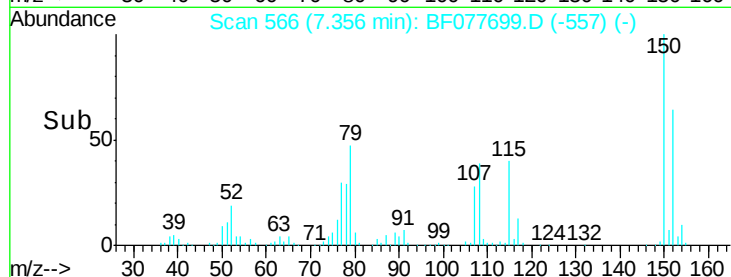
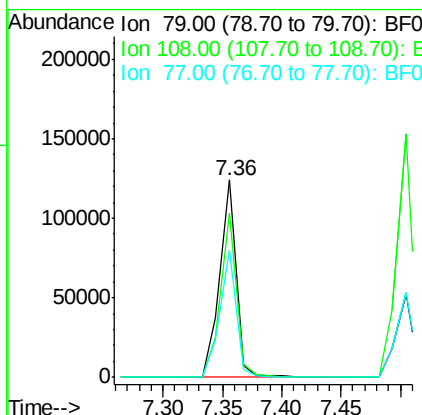
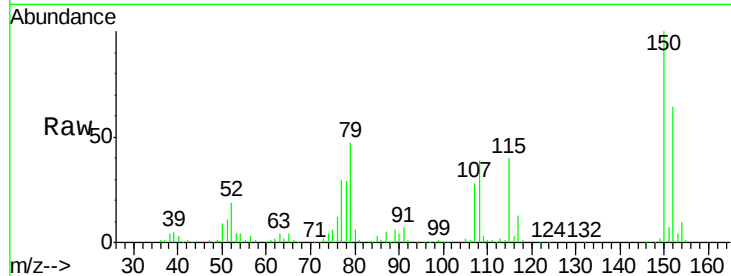
#15
Benzyl Alcohol
Concen: 41.35 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	83.5	65.0	97.4		
77	64.7	53.0	79.6		

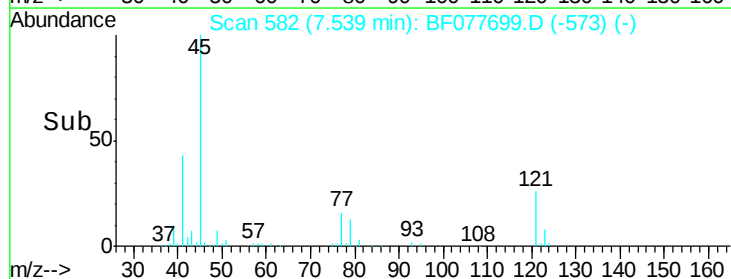
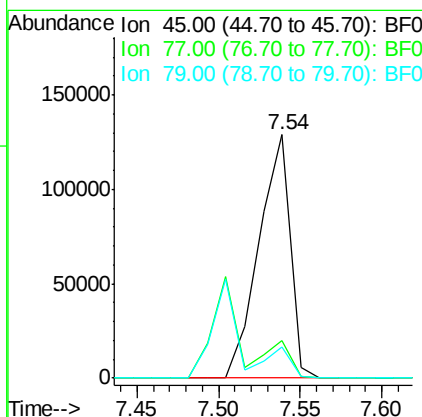
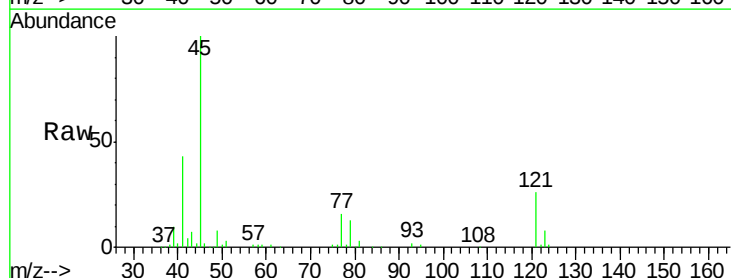
Manual Integrations
APPROVED

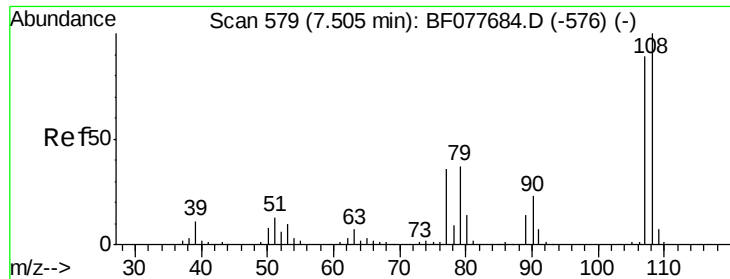
mohammad
3/13/2015 9:40:33 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.40 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	15.6	0.0	35.2		
79	13.0	0.0	32.0		





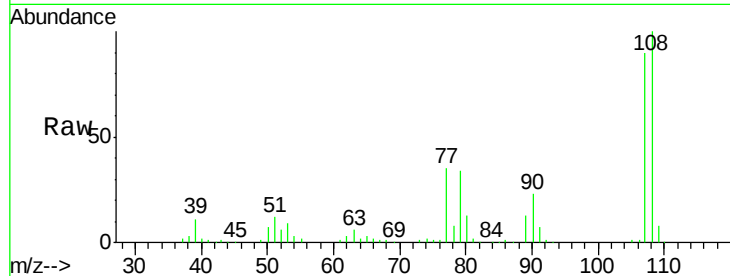
#17
2-Methylphenol
Concen: 43.14 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

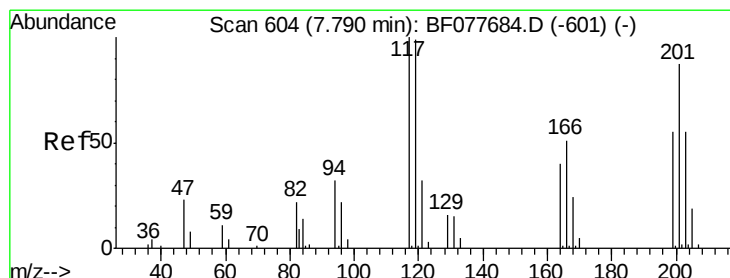
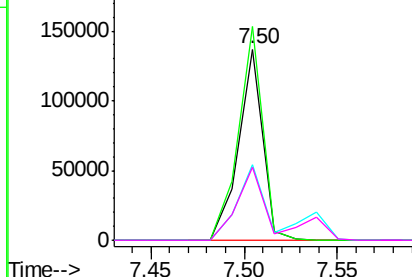
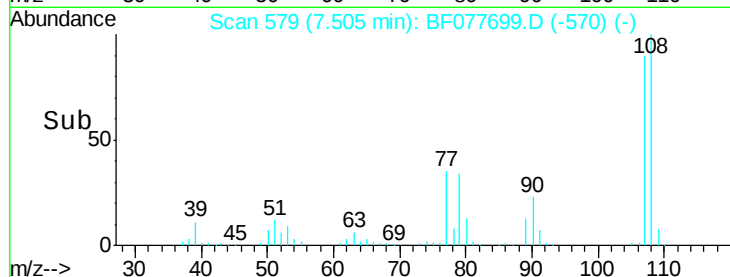
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	89.8	134.8	
77	39.2	32.6	48.8	
79	38.5	32.8	49.2	

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

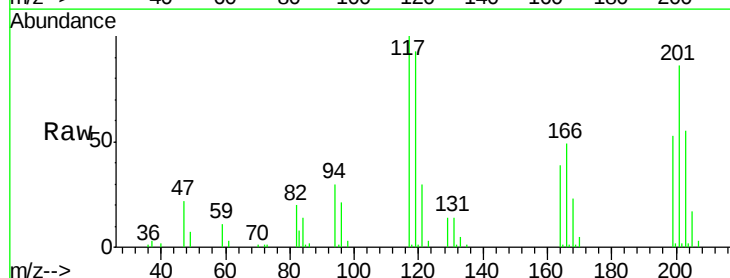


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

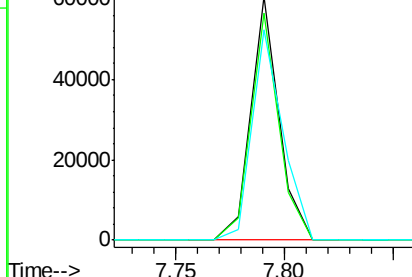
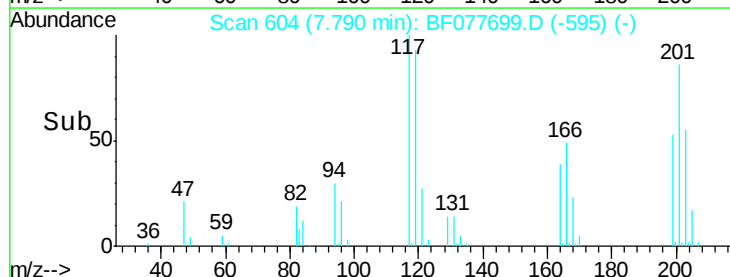


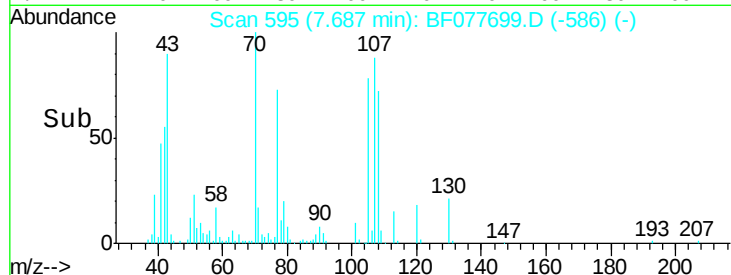
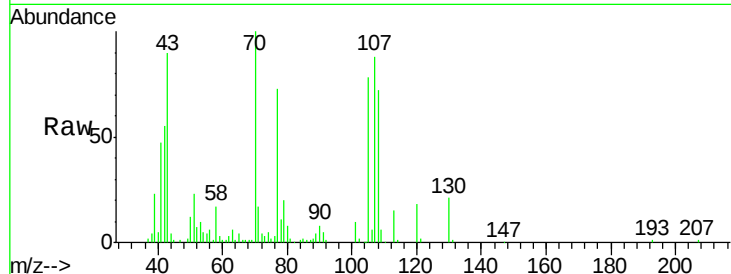
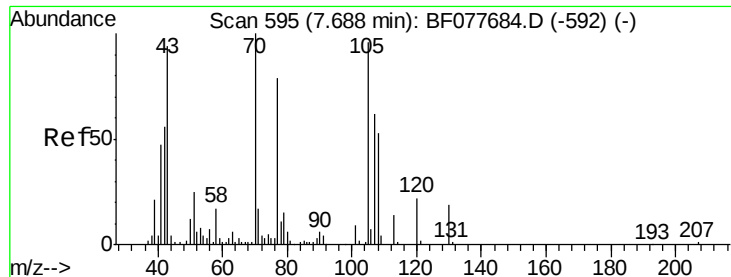
#18
Hexachloroethane
Concen: 40.71 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	79.2	118.8	
201	86.2	69.8	104.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





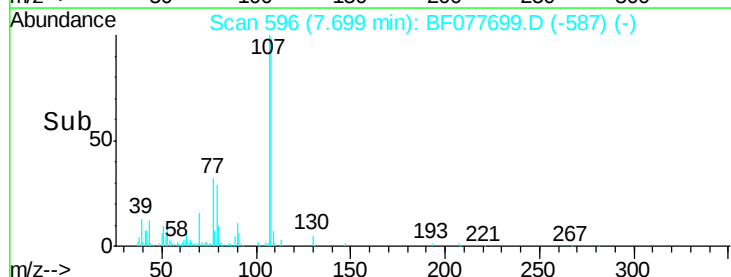
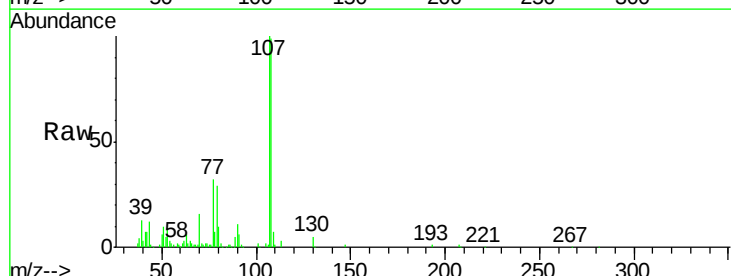
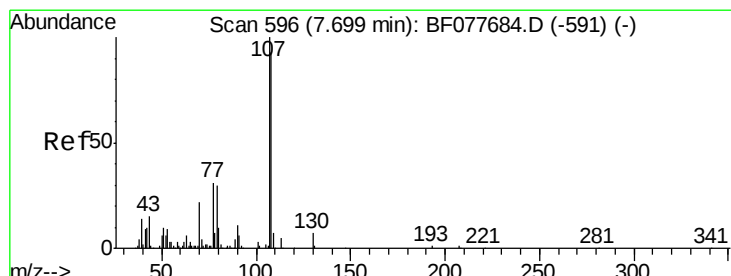
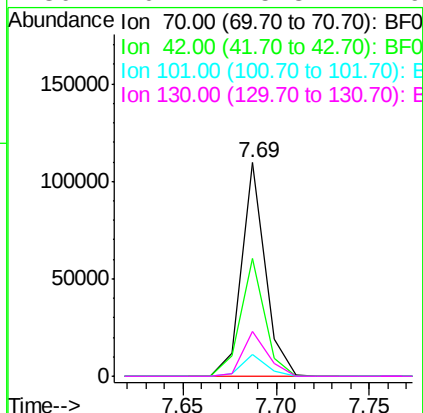
#19
n-Nitroso-di-n-propylamine
Concen: 38.22 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Manual Integrations
APPROVED

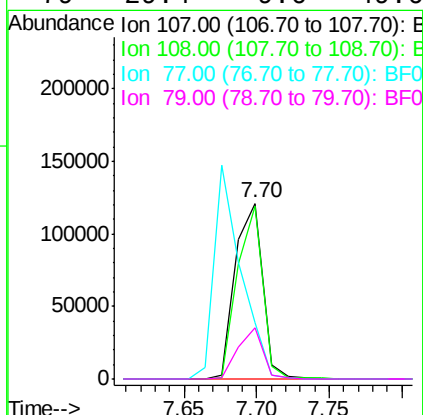
mohammad
3/13/2015 9:40:33 AM

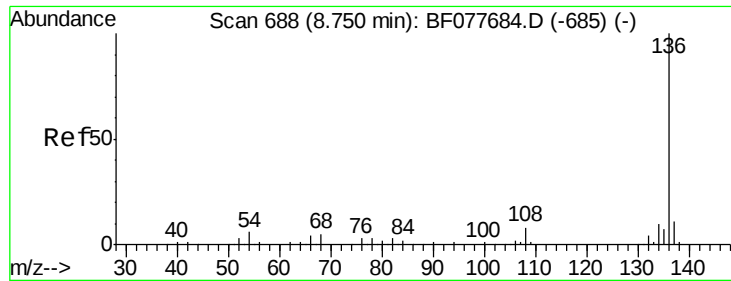
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.3	44.5	66.7	
101	9.9	7.4	11.2	
130	20.7	15.3	22.9	



#20
3+4-Methylphenols
Concen: 42.32 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	98.5	73.2	113.2	
77	32.4	10.7	50.7	
79	29.4	9.6	49.6	





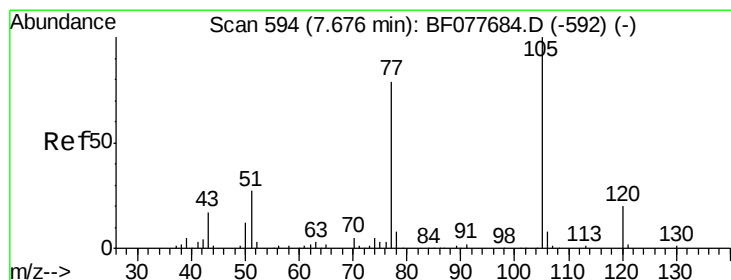
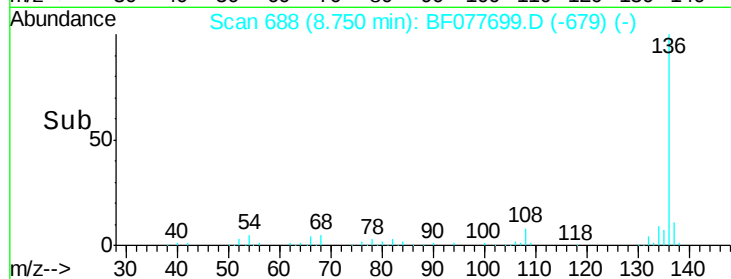
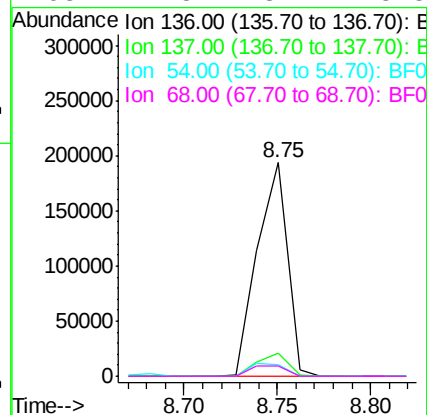
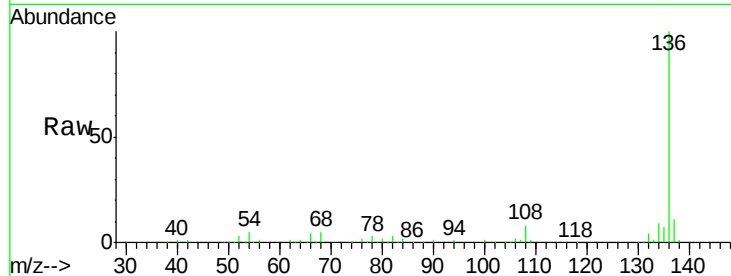
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		215320		
137	10.8		8.7	13.1	
54	5.3		4.6	6.8	
68	4.8		3.7	5.5	

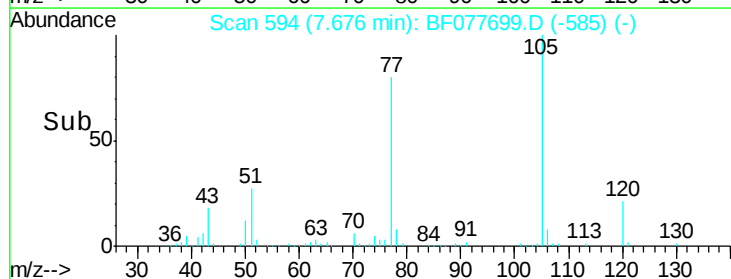
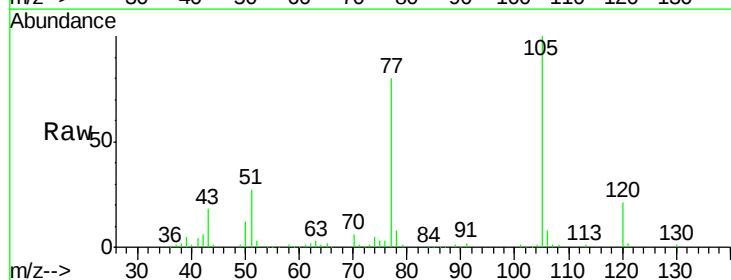
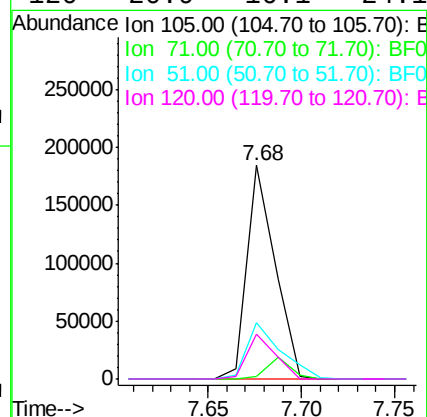
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#22
Acetophenone
Concen: 40.47 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		192913		
71	1.3		0.6	1.0#	
51	26.6		21.6	32.4	
120	20.9		16.1	24.1	





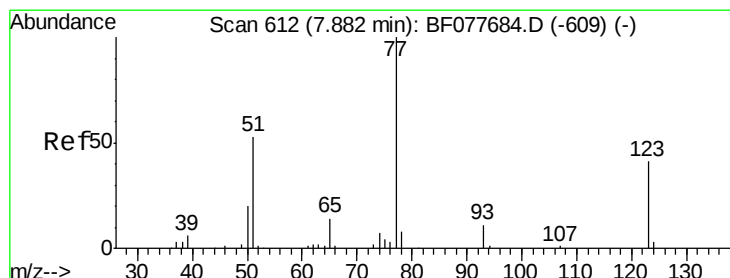
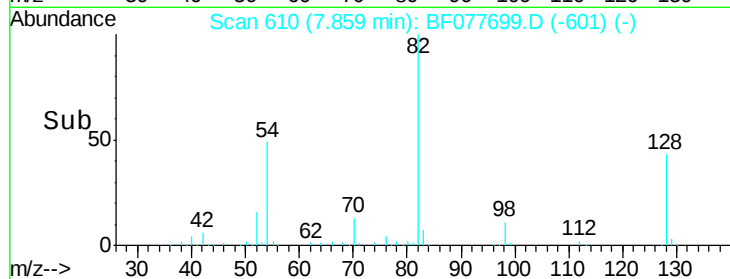
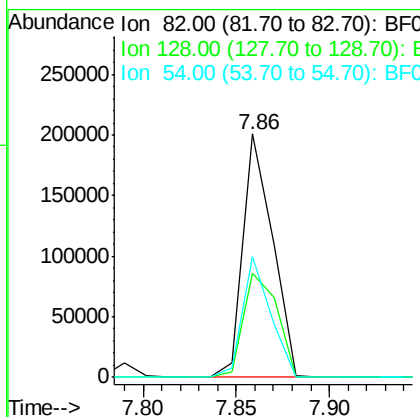
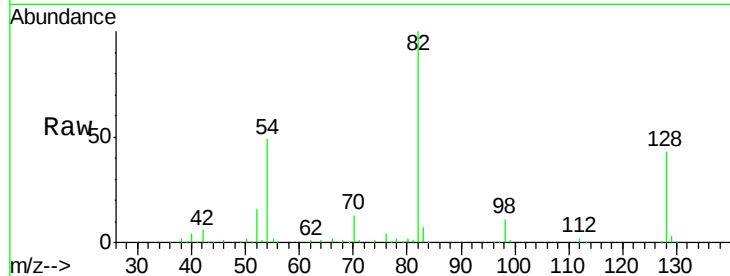
#23
Nitrobenzene-d5
Concen: 67.36 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	221273		
128	42.6		32.8	49.2
54	49.4		40.6	60.8

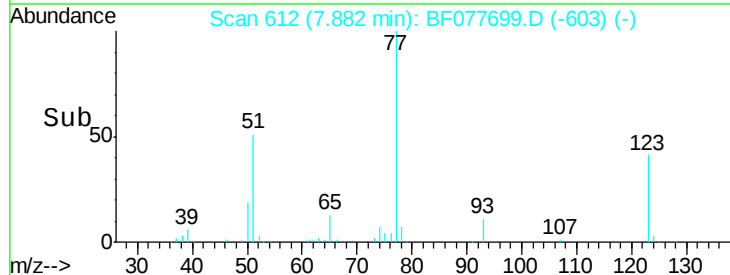
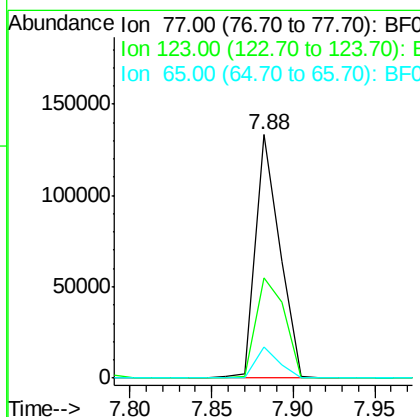
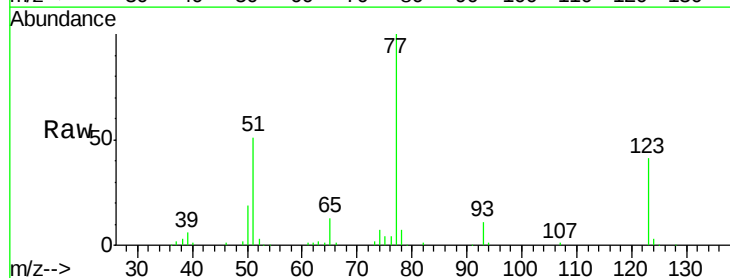
Manual Integrations
APPROVED

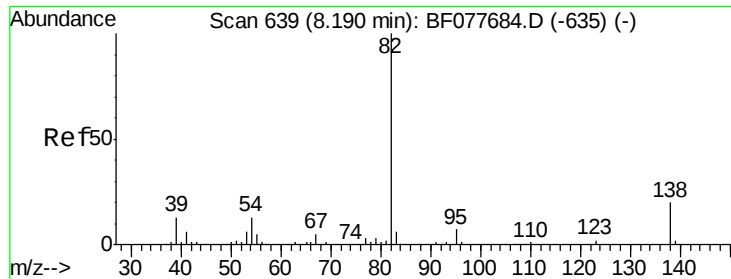
mohammad
3/13/2015 9:40:33 AM



#24
Nitrobenzene
Concen: 39.01 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	138031		
123	41.4		32.6	49.0
65	12.7		10.9	16.3





#25

Isophorone

Concen: 39.50 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

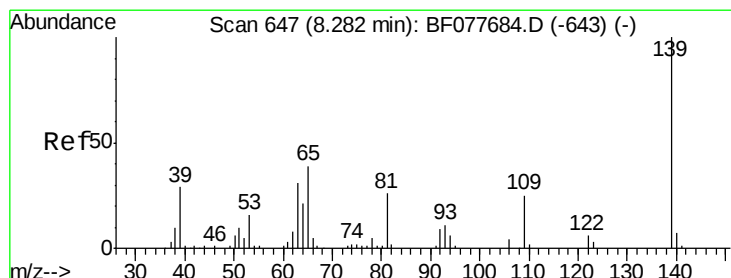
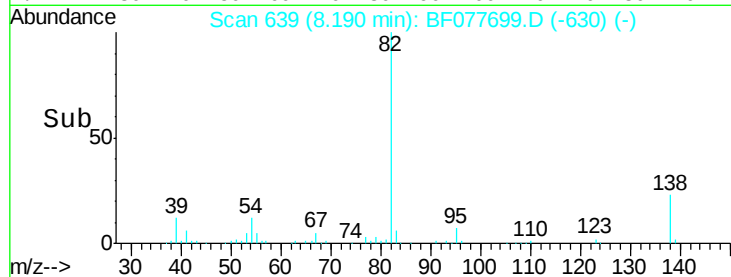
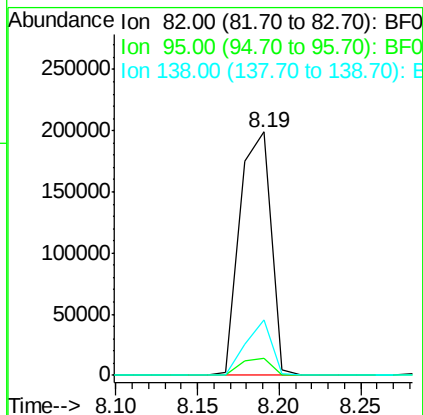
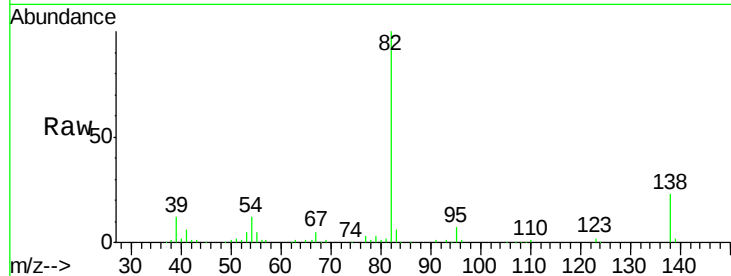
ClientSampleId :

PB81894BSD

Tot Ion:	82	Resp:	262016
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.8	8.6
138	23.0	16.3	24.5

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#26

2-Nitrophenol

Concen: 42.36 ng

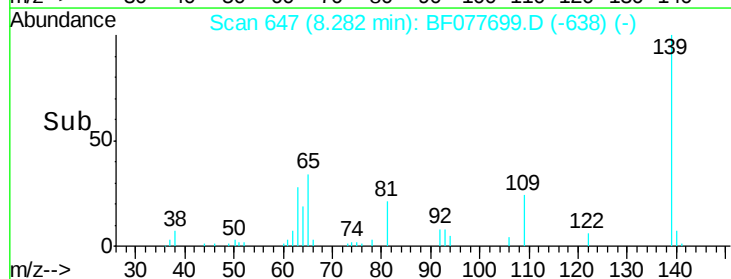
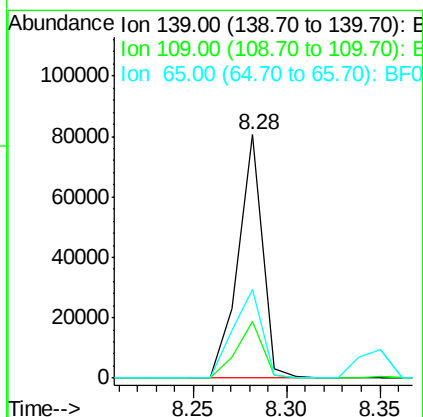
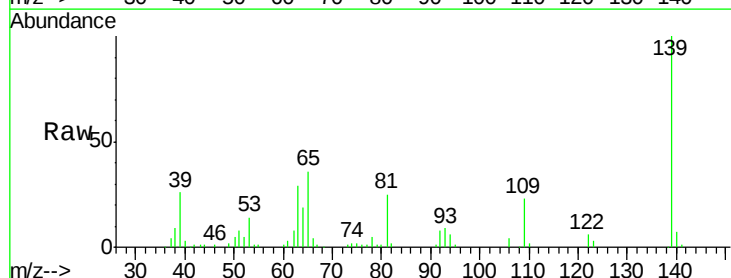
RT: 8.28 min Scan# 647

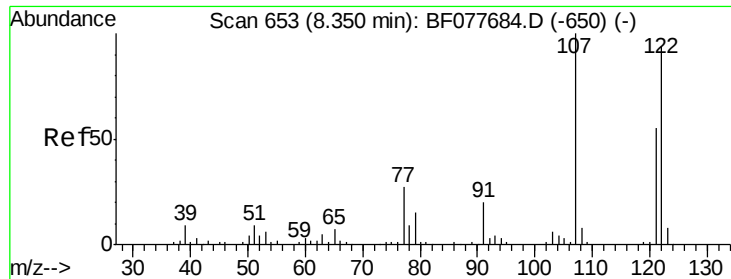
Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:	139	Resp:	73392
Ion Ratio		Lower	Upper
139	100		
109	23.5	20.1	30.1
65	36.4	31.5	47.3





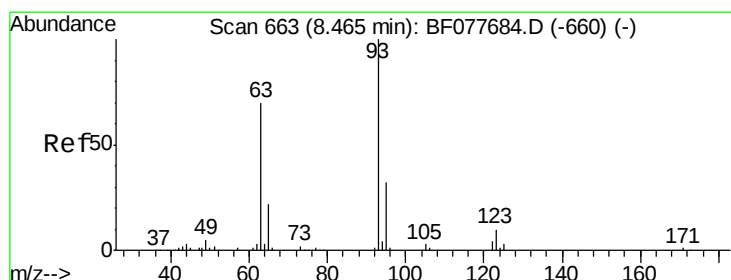
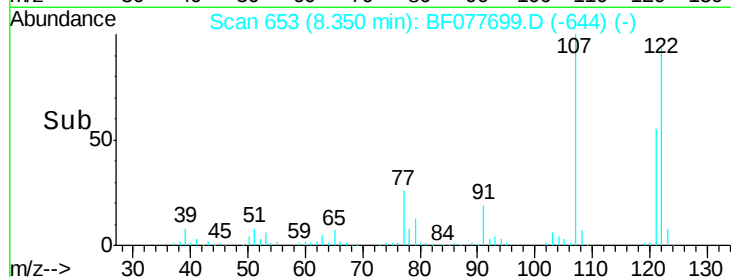
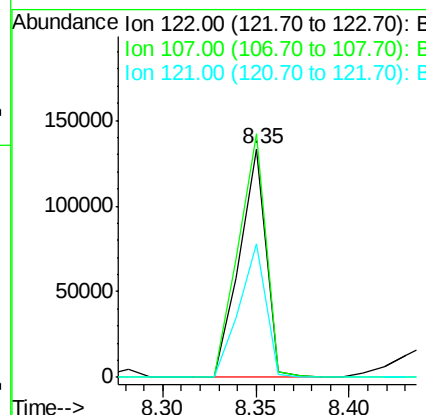
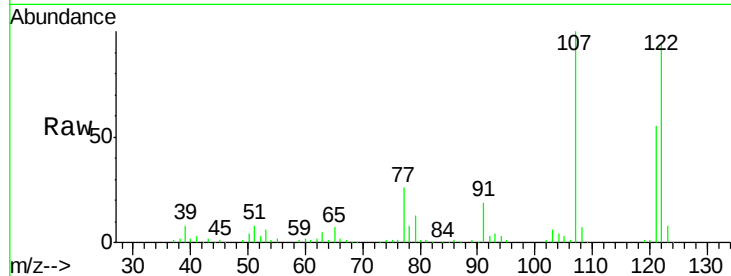
#27
2,4-Dimethylphenol
Concen: 42.60 ng
RT: 8.35 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	84.7	127.1
121	58.2	46.6	69.8

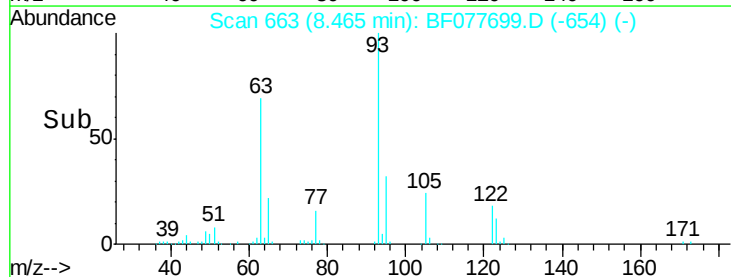
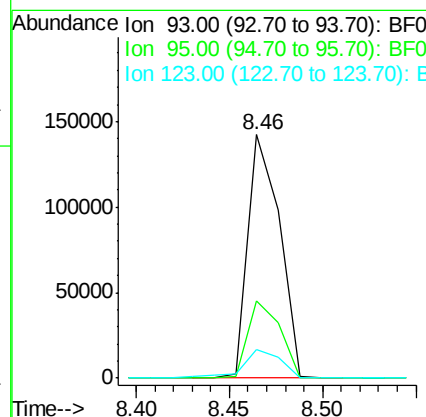
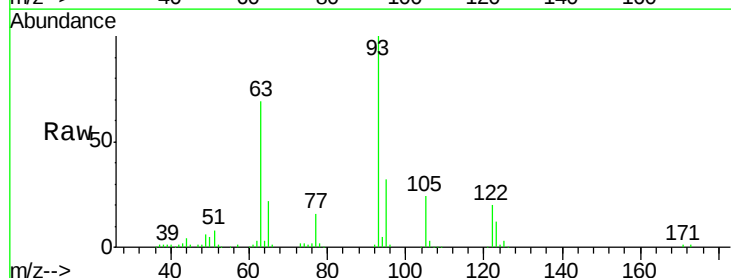
Manual Integrations
APPROVED

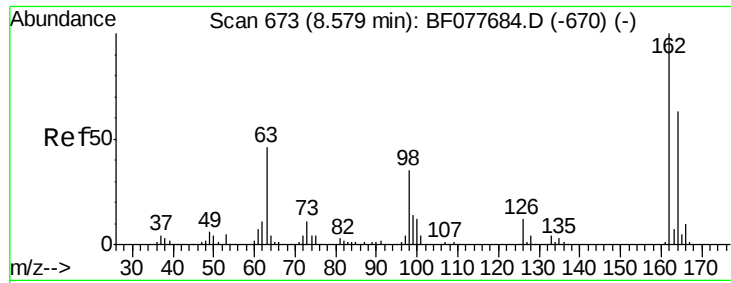
mohammad
3/13/2015 9:40:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.50 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.0	8.6	13.0





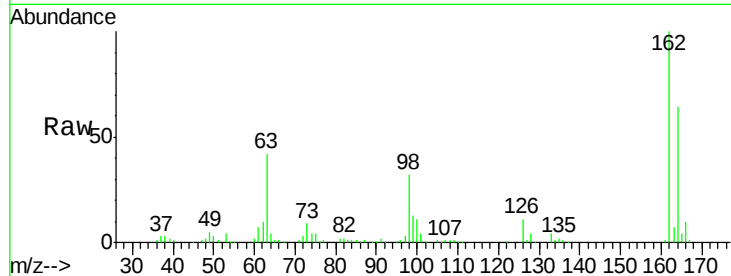
#29
 2,4-Dichlorophenol
 Concen: 43.67 ng
 RT: 8.58 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

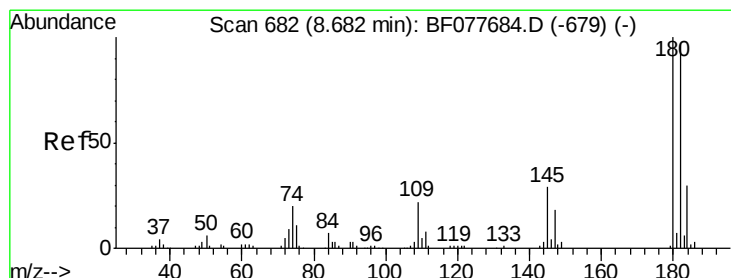
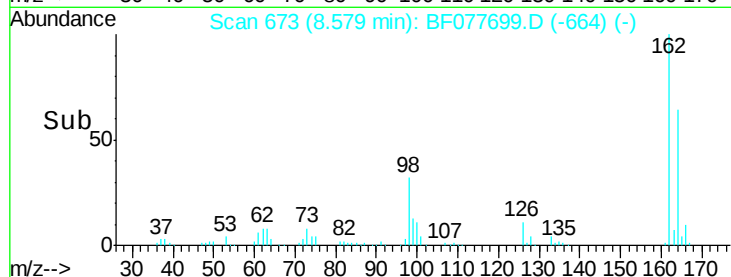
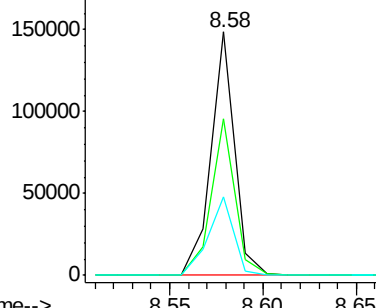
Tot Ion:	162	Resp:	131394
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.8	82.8
98	32.2	14.5	54.5

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM



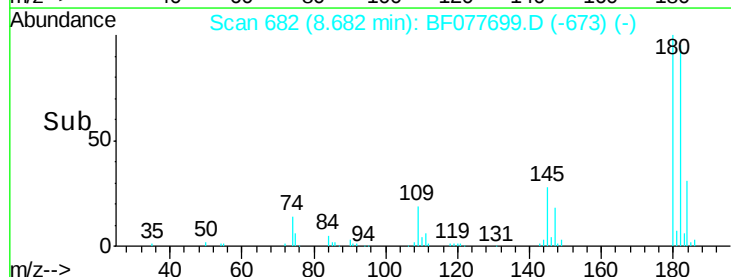
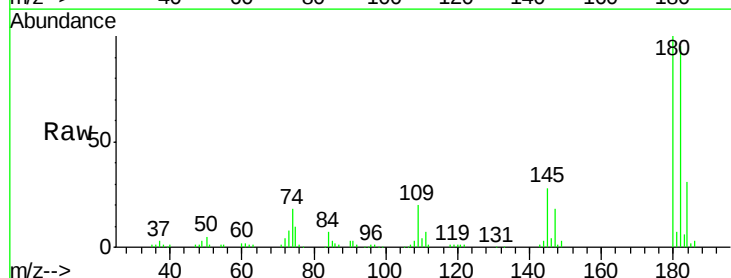
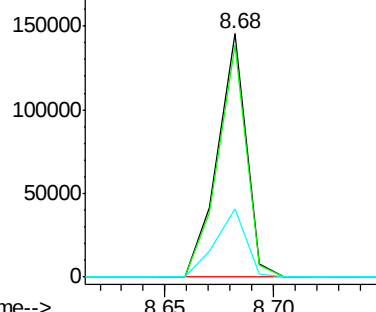
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

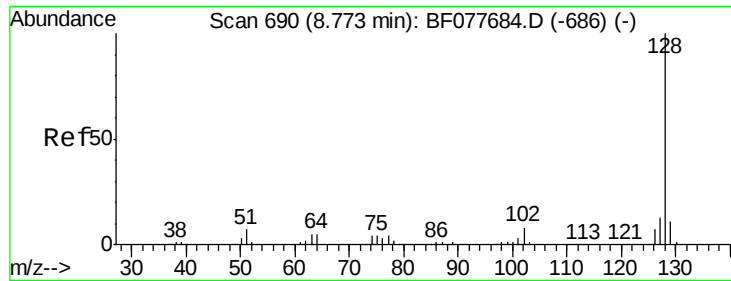


#30
 1,2,4-Trichlorobenzene
 Concen: 39.62 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:	180	Resp:	133366
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.6	116.4
145	27.8	23.4	35.2

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





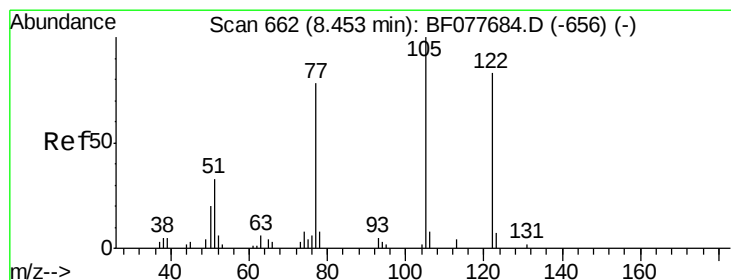
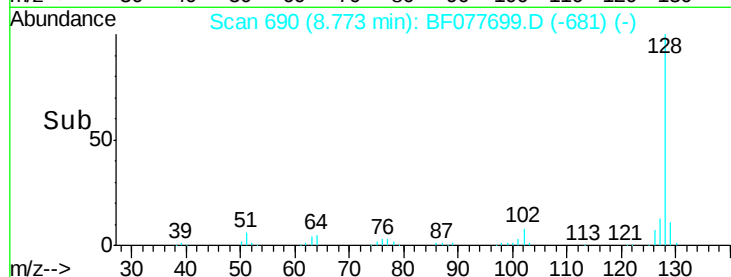
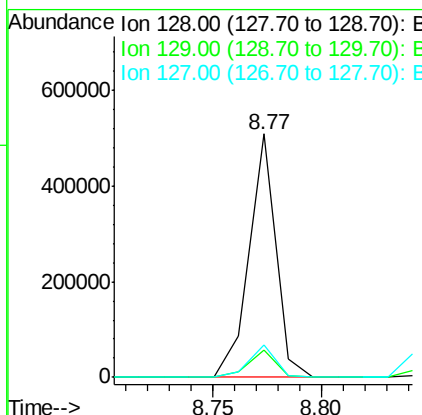
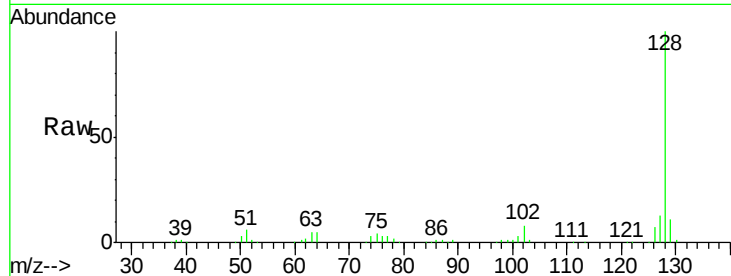
#31
Naphthalene
Concen: 39.26 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.5	10.4	15.6

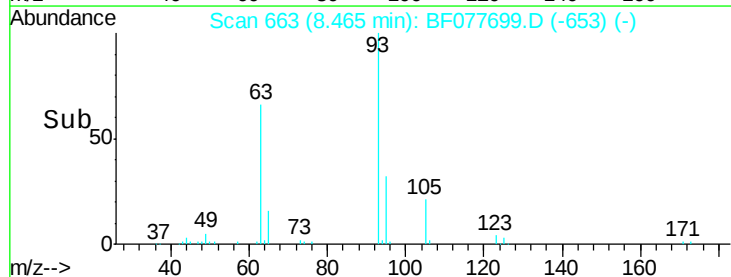
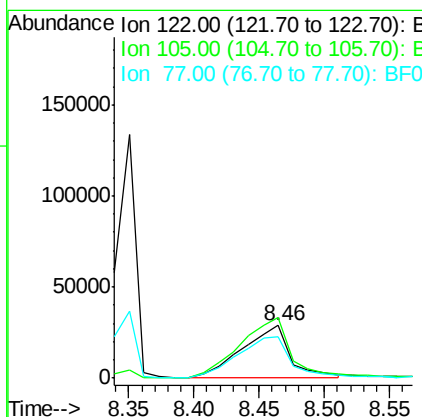
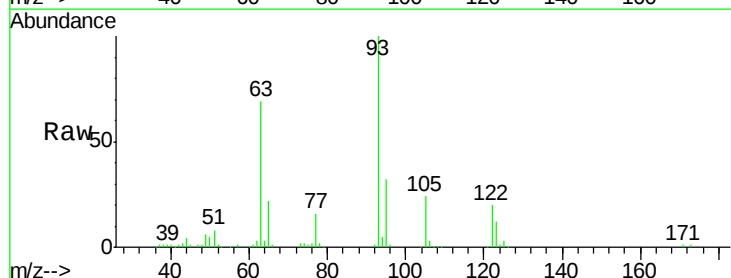
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#32
Benzoic acid
Concen: 42.87 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	99.9	139.9
77	79.7	73.7	113.7





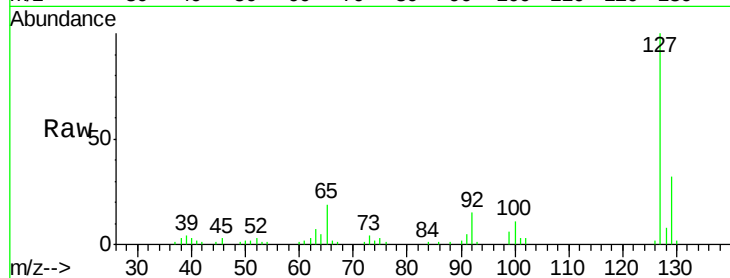
#33
4-Chloroaniline
Concen: 18.17 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

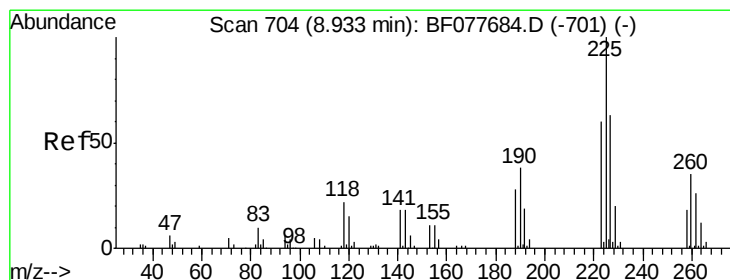
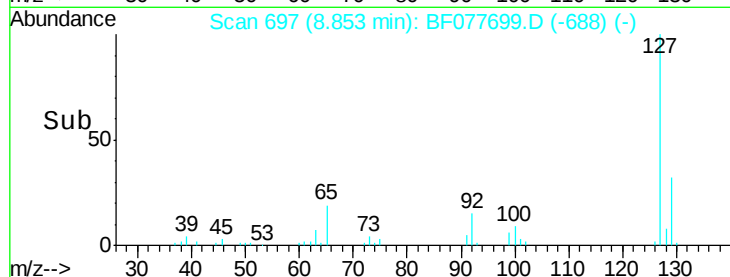
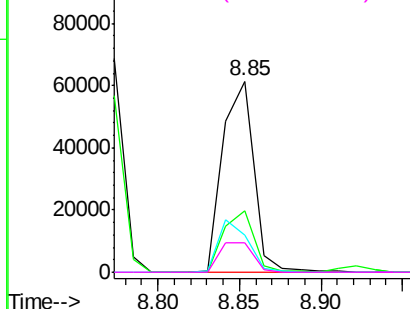
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.3	37.9		
65	19.2	17.6	26.4		
92	15.2	13.1	19.7		

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

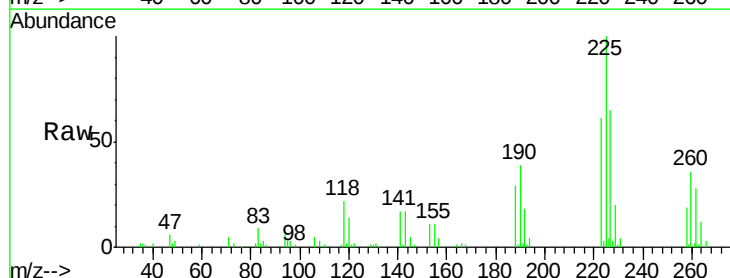


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

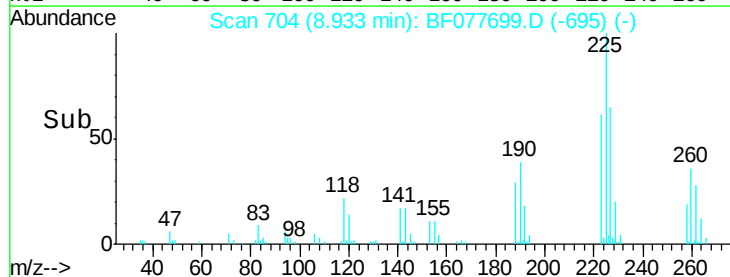
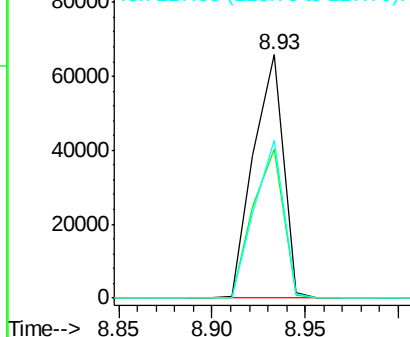


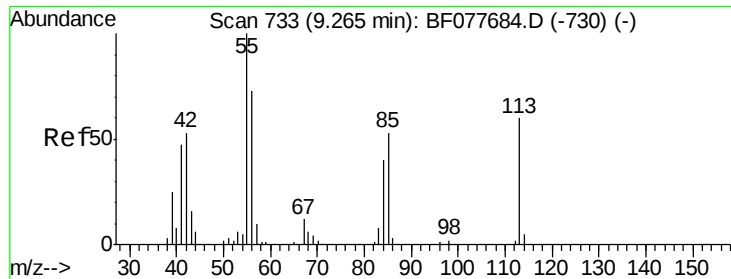
#34
Hexachlorobutadiene
Concen: 38.17 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	47.9	71.9		
227	64.6	50.1	75.1		



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





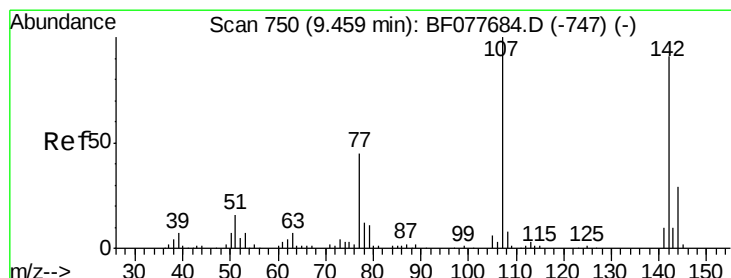
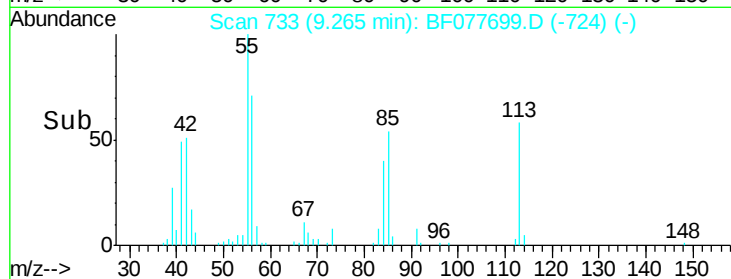
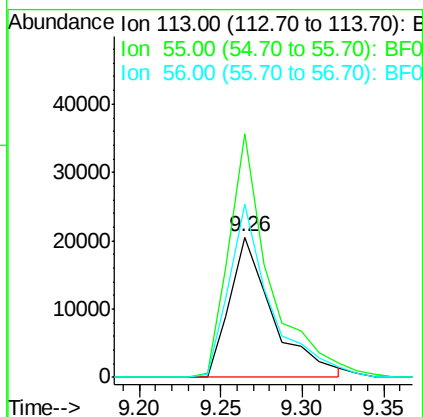
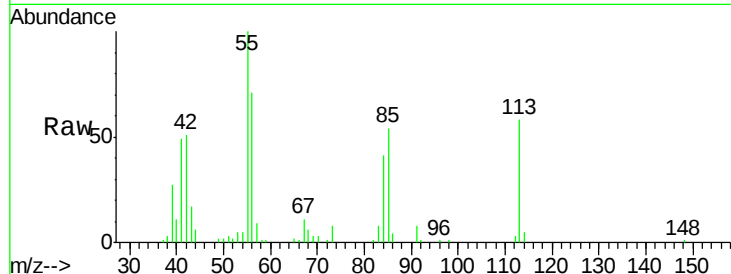
#35
Caprolactam
Concen: 43.27 ng
RT: 9.26 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.8	145.9	185.9
56	124.0	101.0	141.0

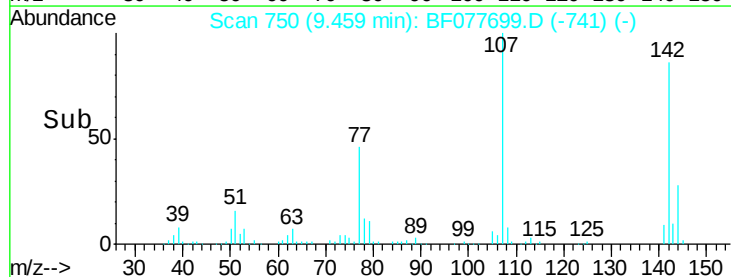
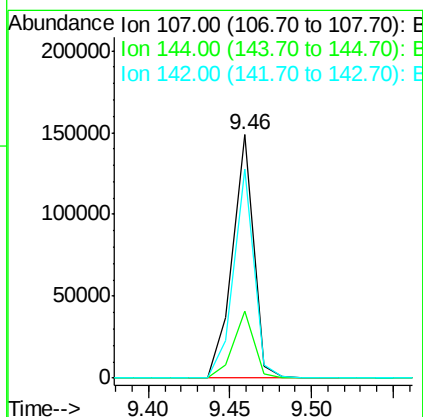
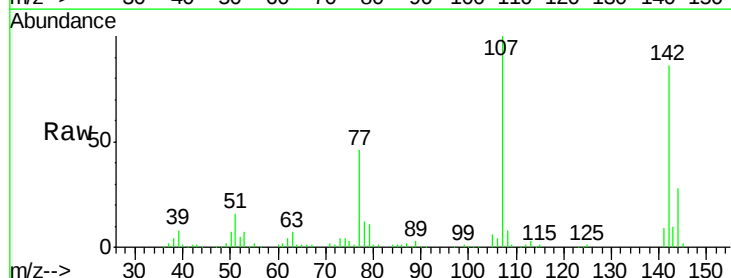
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#36
4-Chloro-3-methylphenol
Concen: 44.28 ng
RT: 9.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	23.3	34.9
142	86.1	72.6	109.0





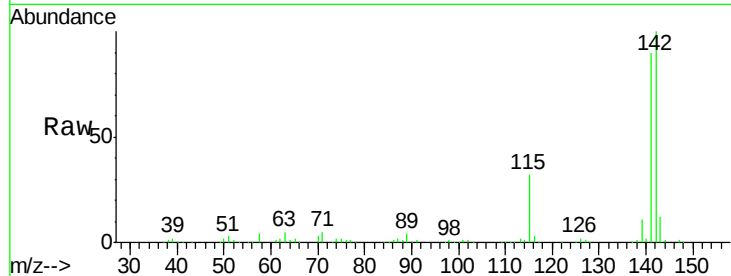
#37
2-Methylnaphthalene
Concen: 41.53 ng
RT: 9.63 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleID :
PB81894BSD

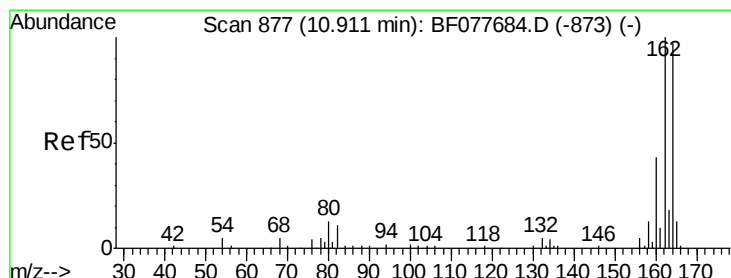
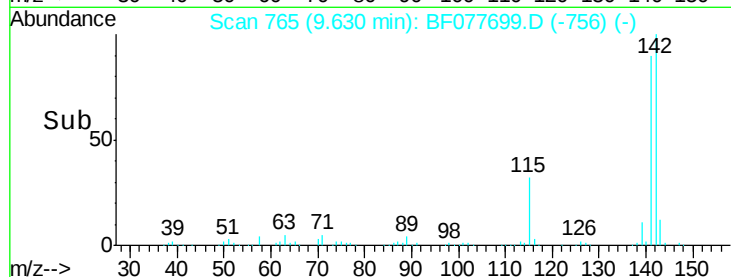
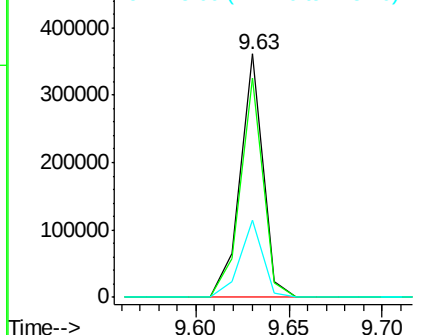
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	31.7	25.4	38.0

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



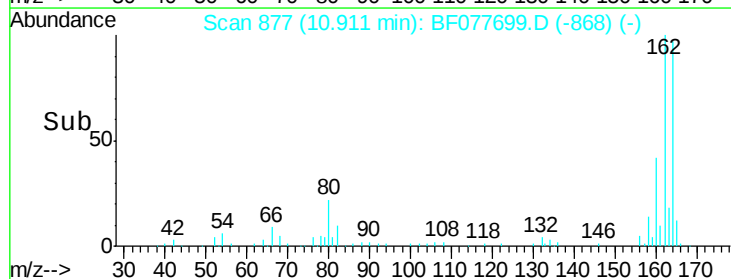
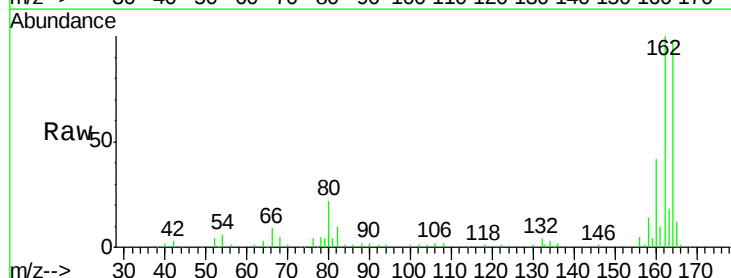
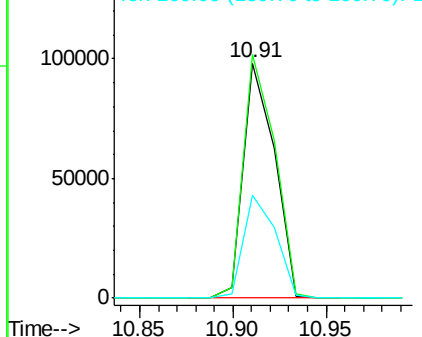
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

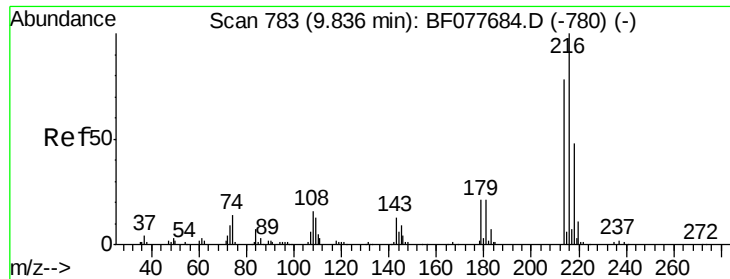


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	43.8	35.8	53.6

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.68 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

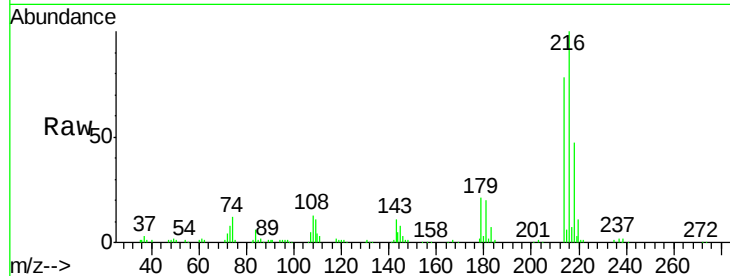
ClientSampleId :

PB81894BSD

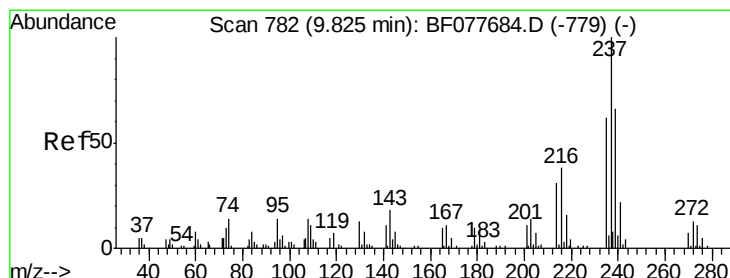
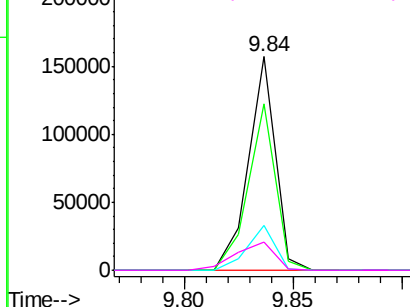
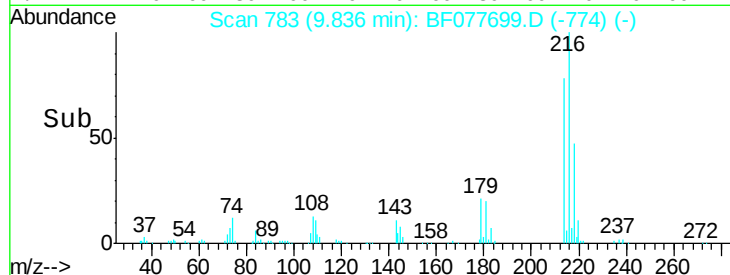
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.0	0.0	0.0#		
179	21.5	0.0	0.0#		
108	19.0	0.0	0.0#		

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.54 ng

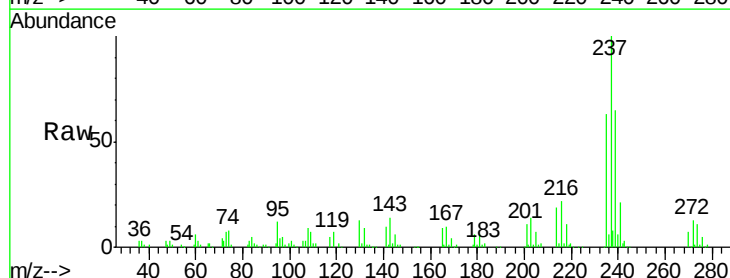
RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

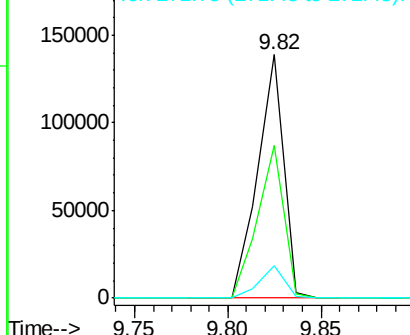
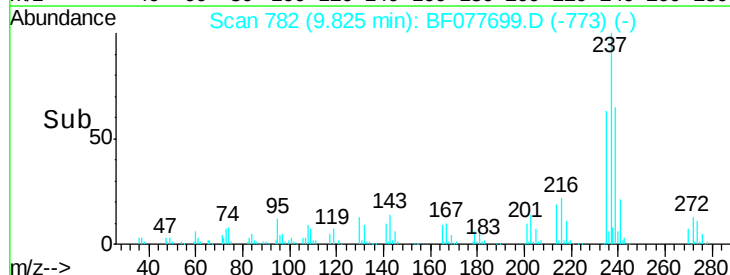
Lab File: BF077699.D

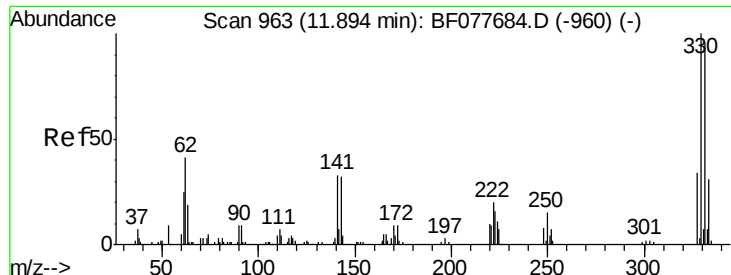
Acq: 11 Mar 2015 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0	42.0	82.0		
272	13.3	0.0	33.4		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





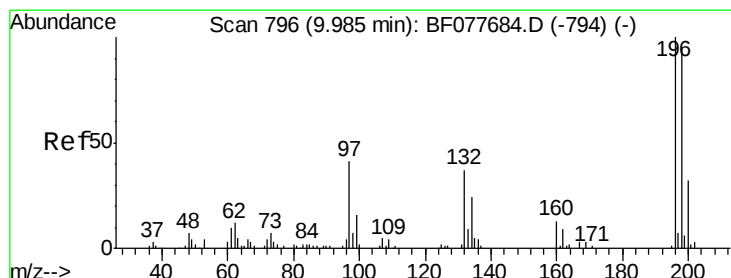
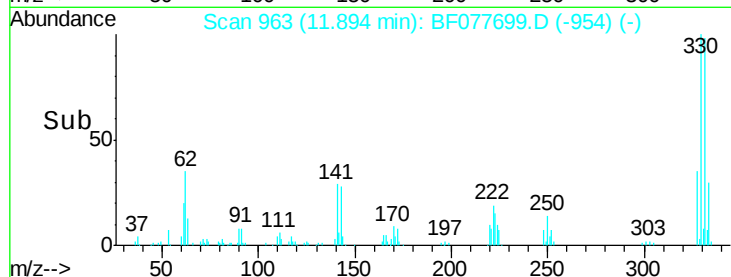
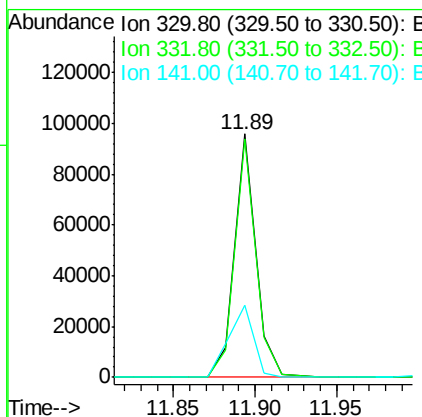
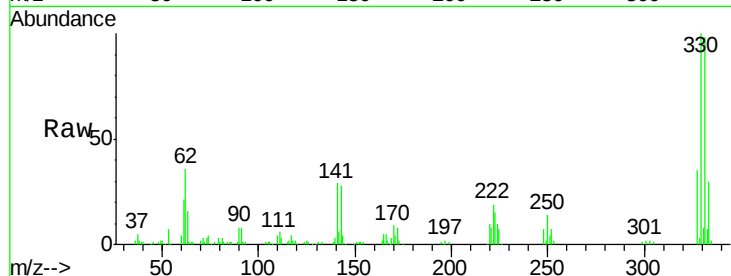
#41
 2,4,6-Tribromophenol
 Concen: 79.34 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	34.5	0.0	0.0#

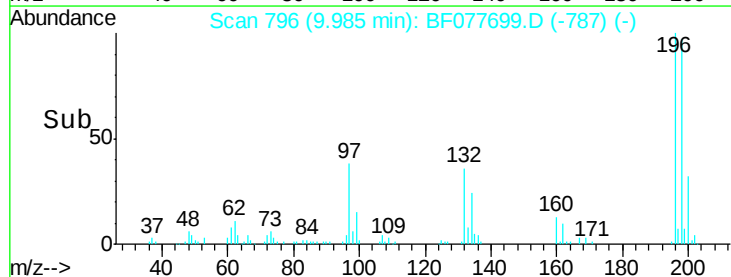
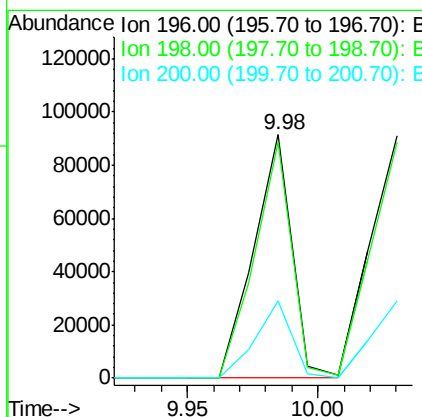
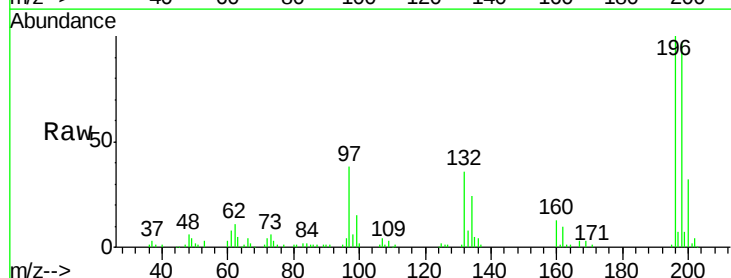
Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.1	76.3	114.5
200	31.7	25.6	38.4





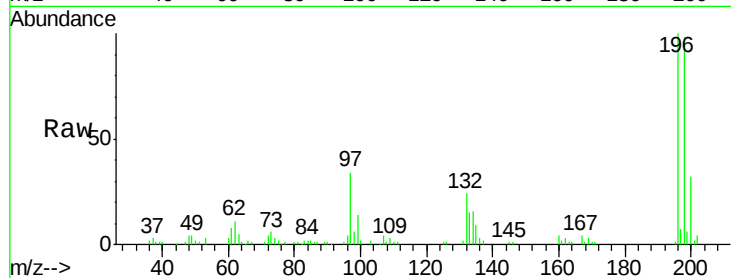
#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

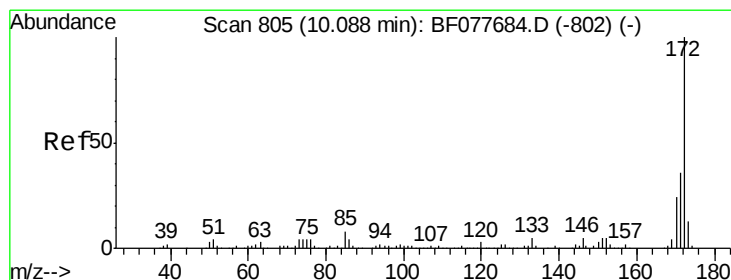
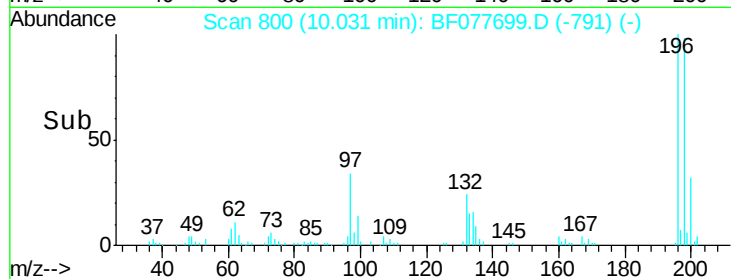
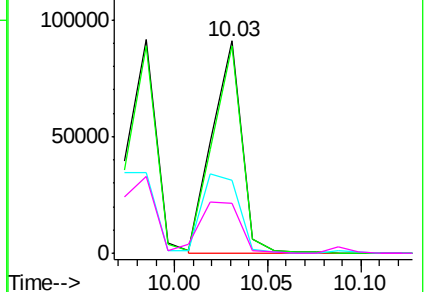
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		100822		
198	97.7	79.4	119.0		
97	34.1	26.8	40.2		
132	23.8	18.6	28.0		

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM



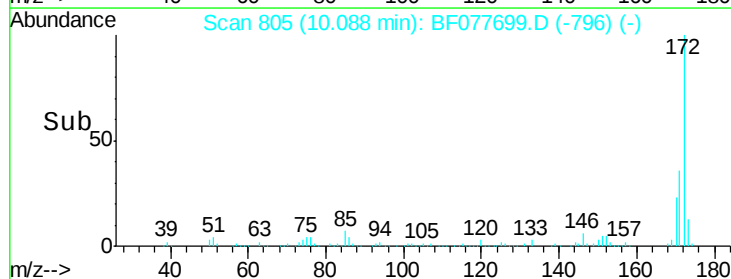
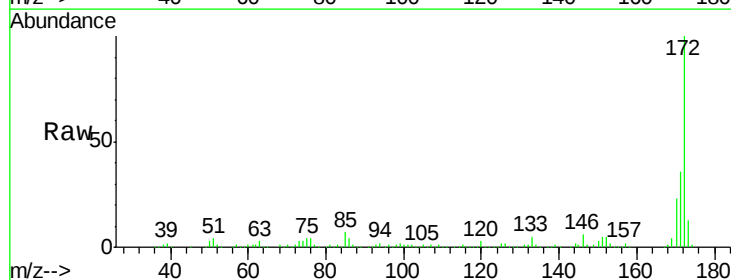
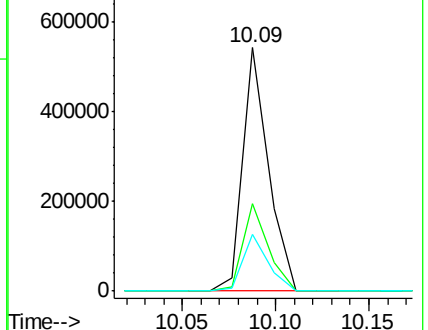
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

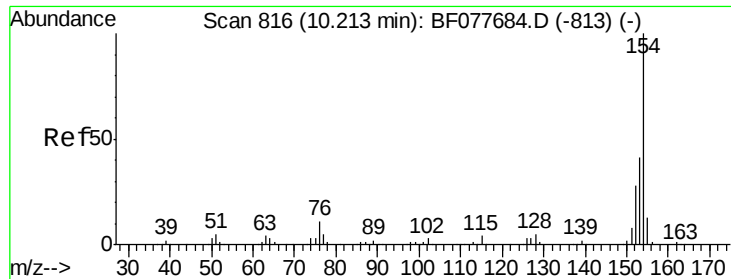


#44
 2-Fluorobiphenyl
 Concen: 66.99 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		520015		
171	35.7	28.5	42.7		
170	23.1	18.8	28.2		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





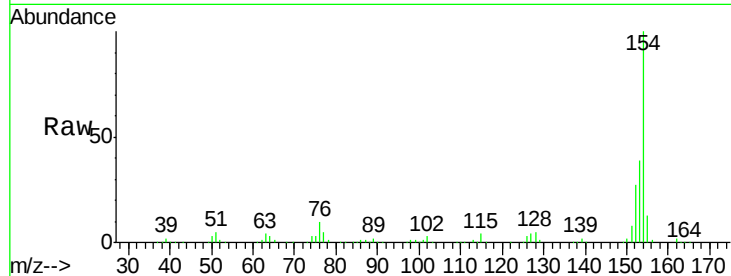
#45
1,1'-Biphenyl
Concen: 42.12 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

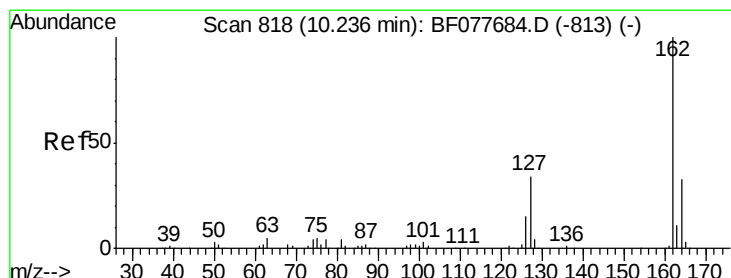
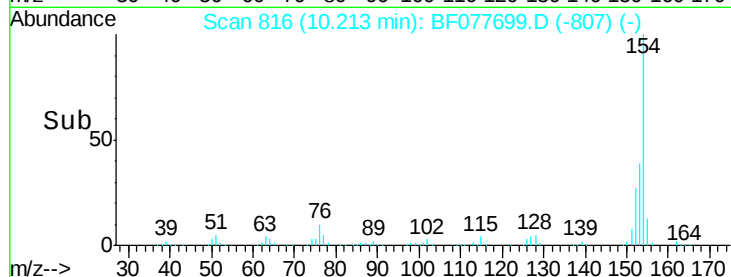
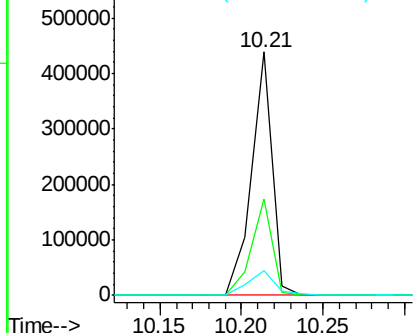
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	10.3	0.0	30.9

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

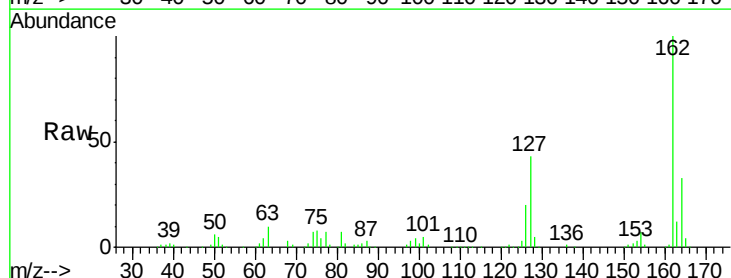


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

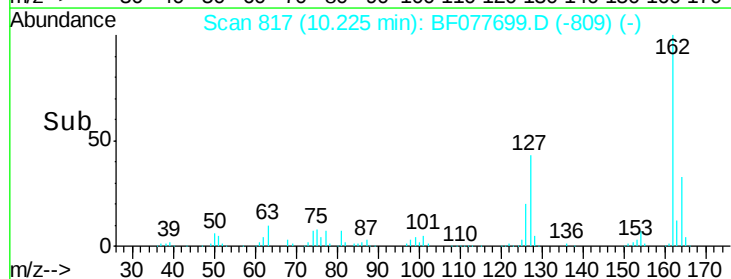
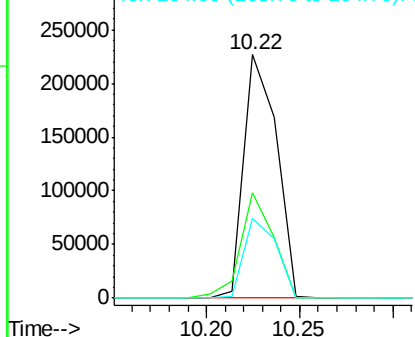


#46
2-Chloronaphthalene
Concen: 37.39 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	26.9	40.3#
164	32.7	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





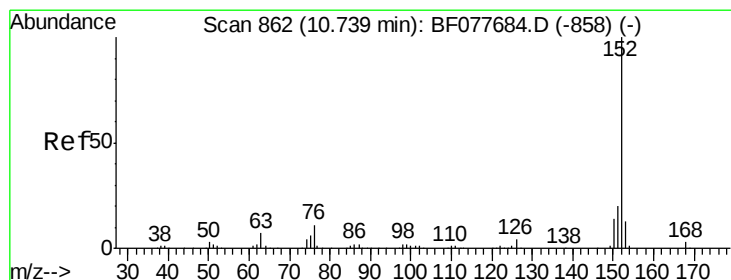
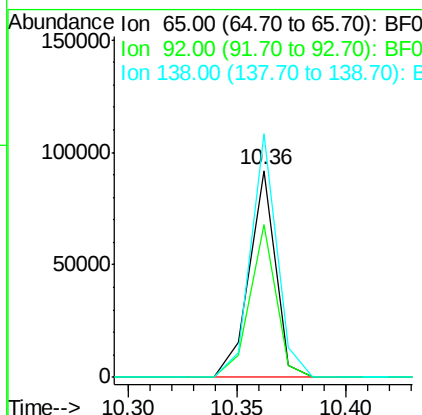
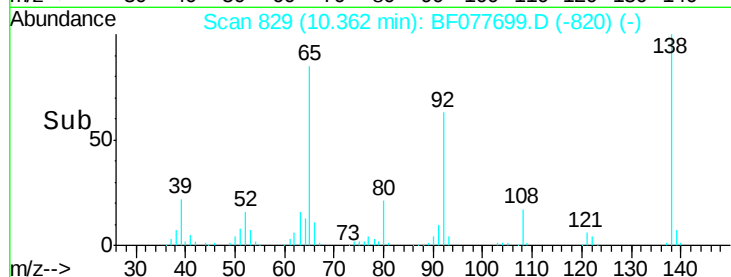
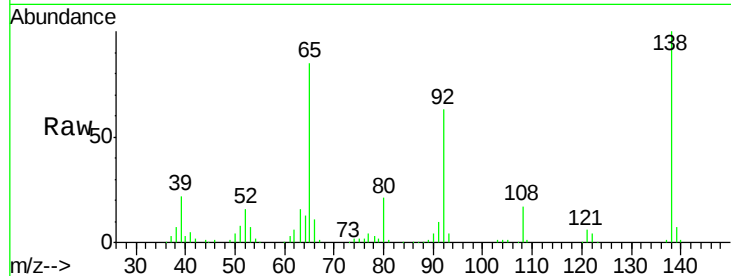
#47
 2-Nitroaniline
 Concen: 42.07 ng
 RT: 10.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion:	65	Resp:	77433
Ion Ratio	Lower	Upper	
65	100		
92	73.9	59.1	88.7
138	117.7	93.9	140.9

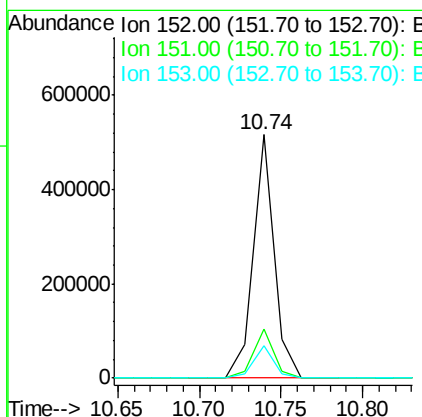
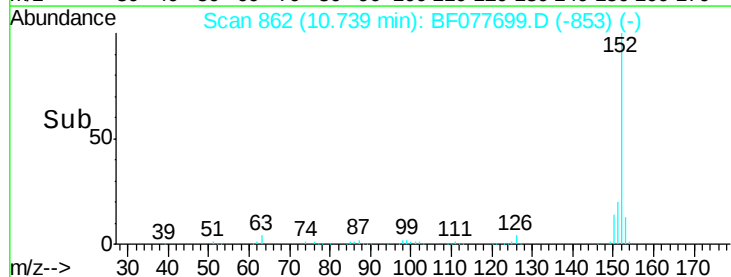
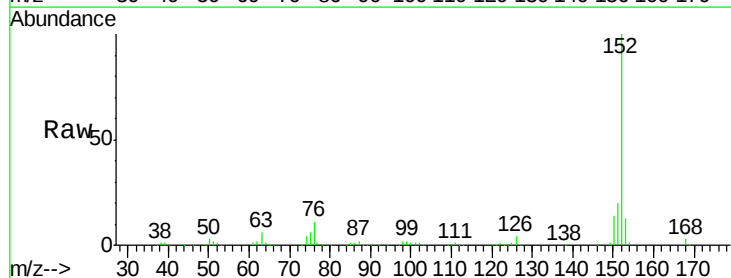
Manual Integrations
 APPROVED

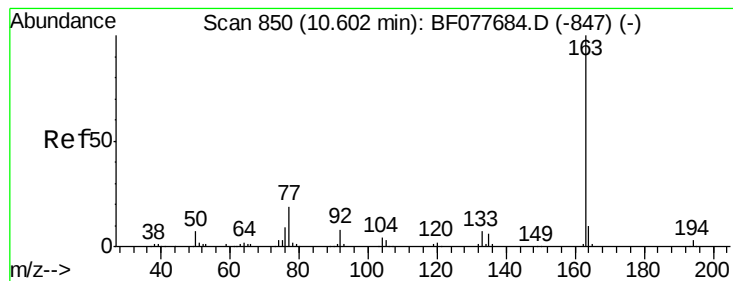
mohammad
 3/13/2015 9:40:33 AM



#48
 Acenaphthylene
 Concen: 37.28 ng
 RT: 10.74 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion:	152	Resp:	459373
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.4	10.6	16.0





#49

Dimethylphthalate

Concen: 40.66 ng

RT: 10.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

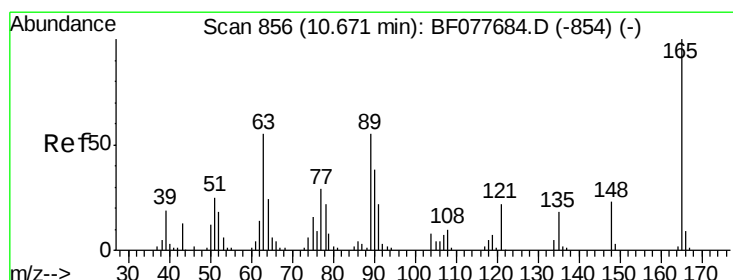
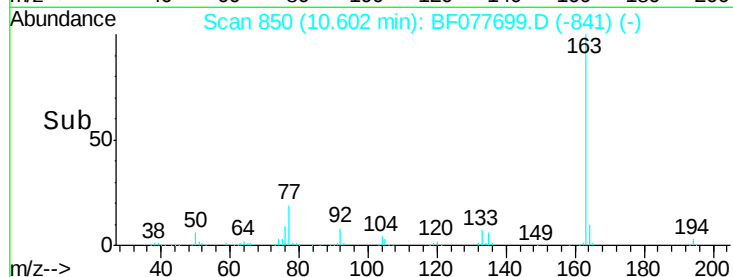
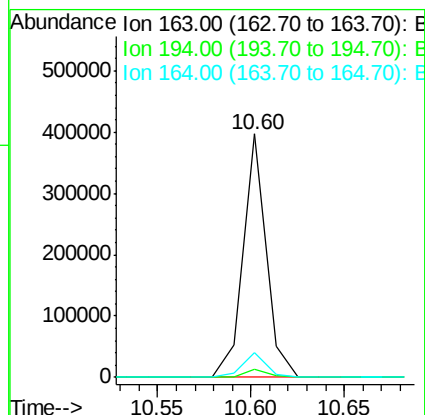
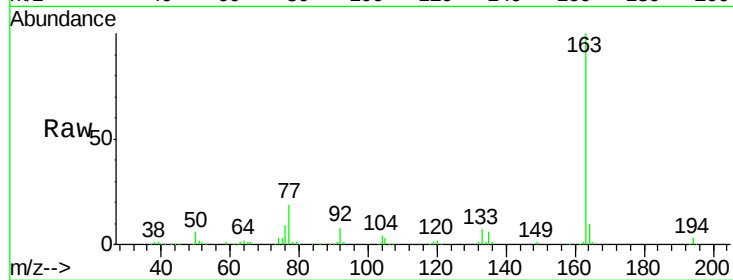
ClientSampleId :

PB81894BSD

Tot Ion:	163	Resp:	343994
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#50

2,6-Dinitrotoluene

Concen: 42.33 ng

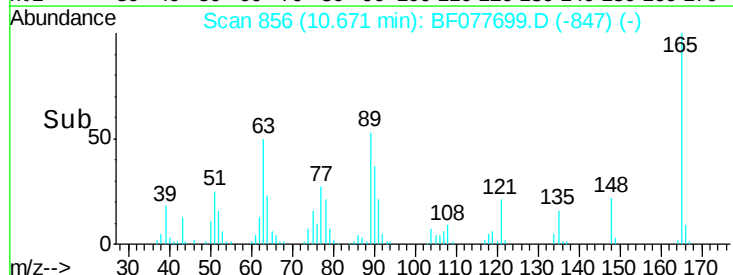
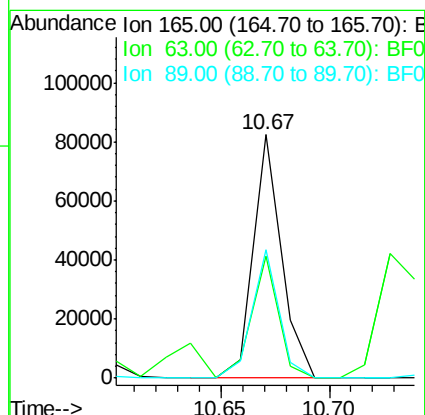
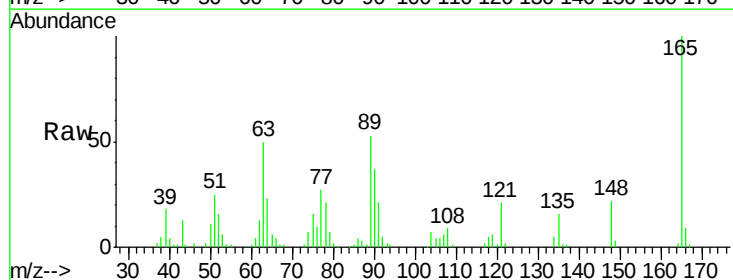
RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:	165	Resp:	74233
Ion Ratio	Lower	Upper	
165	100		
63	50.2	44.1	66.1
89	52.7	44.3	66.5





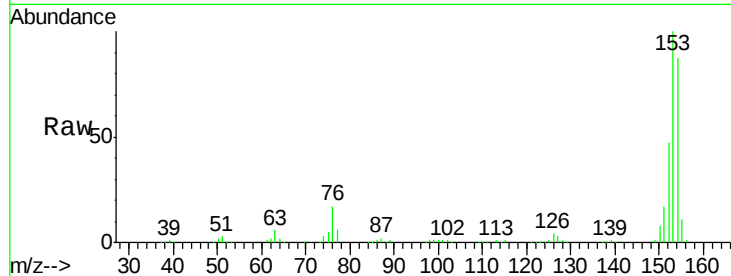
#51
Acenaphthene
Concen: 37.45 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

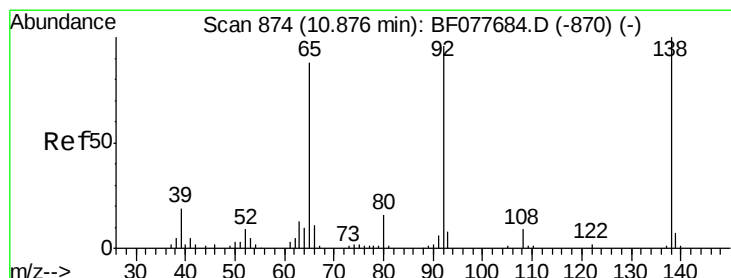
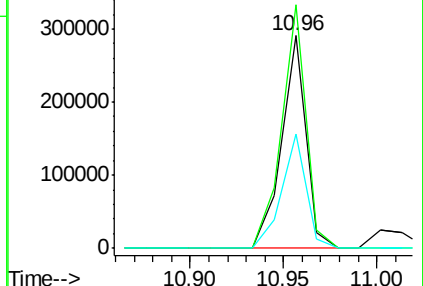
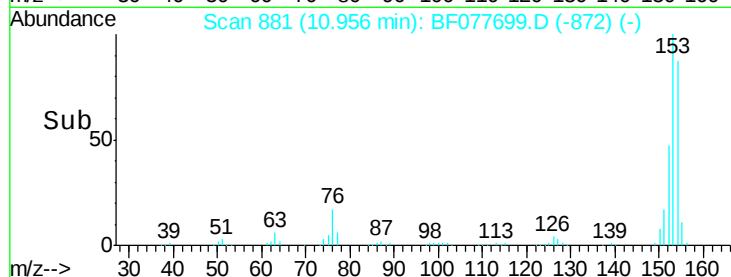
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.0	135.0
152	53.6	42.6	63.8

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

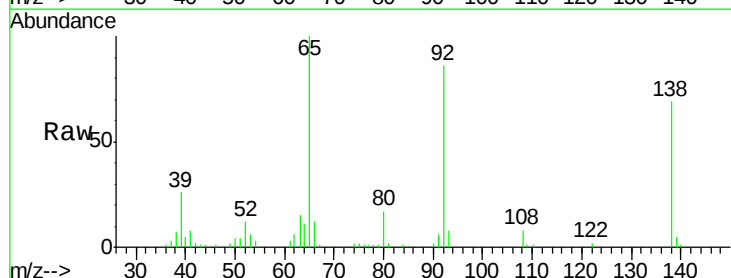


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

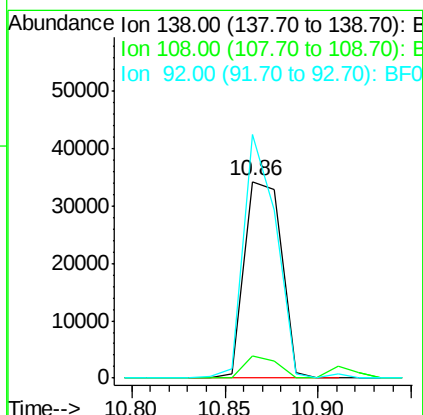
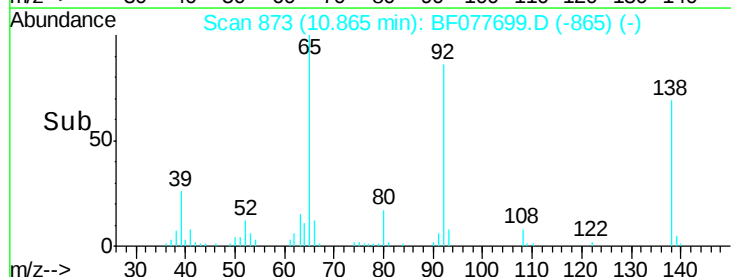


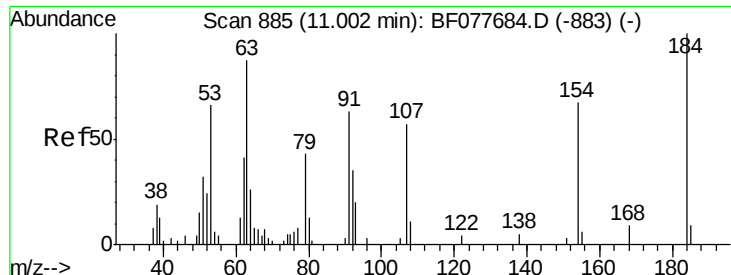
#52
3-Nitroaniline
Concen: 23.25 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.3	10.9#
92	124.0	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





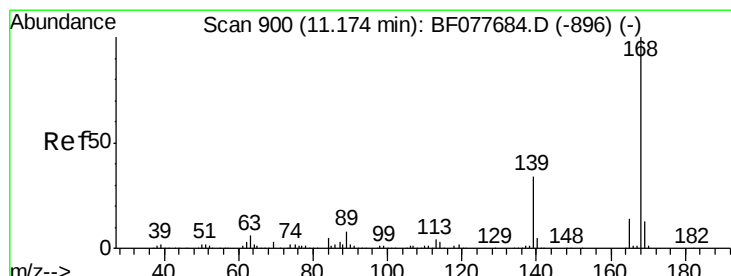
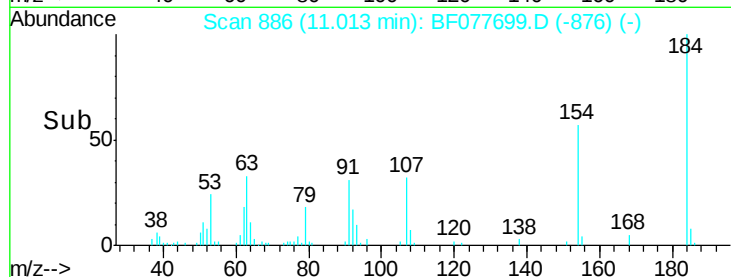
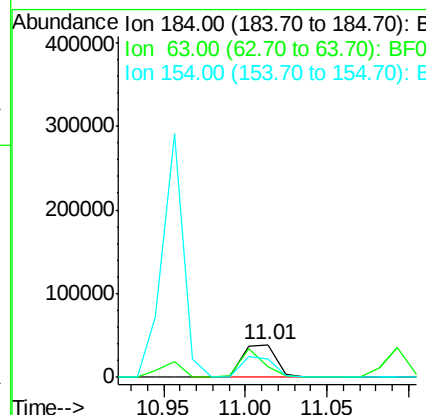
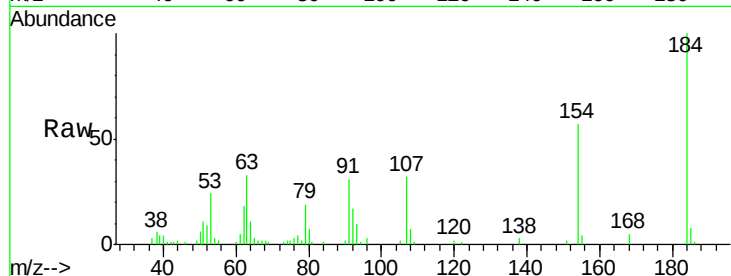
#53
2,4-Dinitrophenol
Concen: 87.71 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	33.5	69.2	103.8#
154	56.8	53.3	79.9

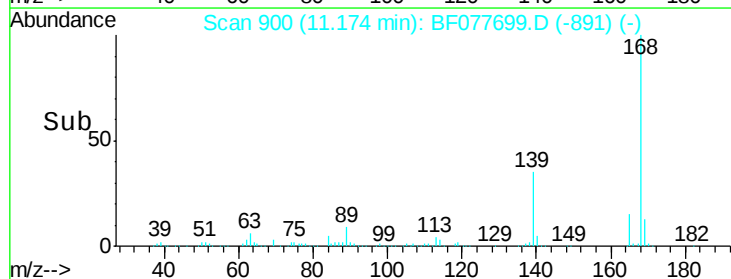
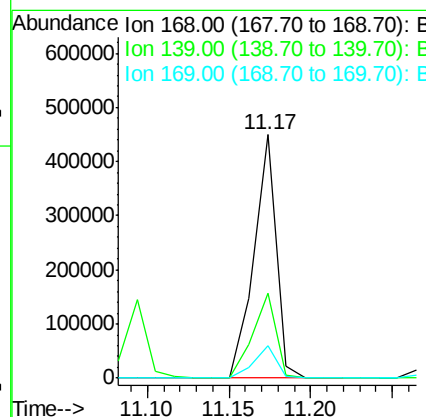
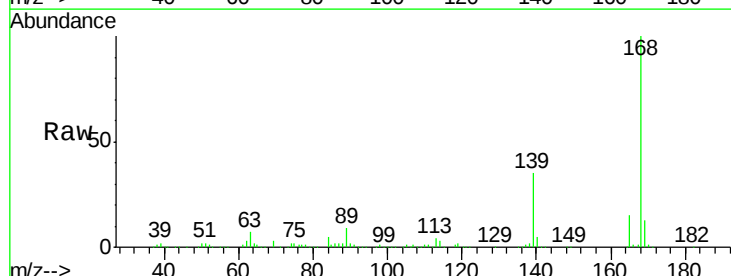
Manual Integrations
APPROVED

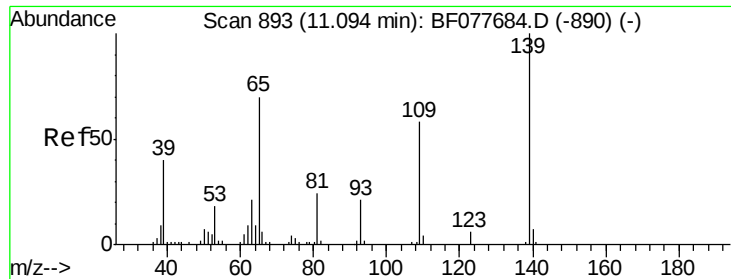
mohammad
3/13/2015 9:40:33 AM



#54
Dibenzofuran
Concen: 40.61 ng
RT: 11.17 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.3	40.9
169	13.3	10.6	16.0





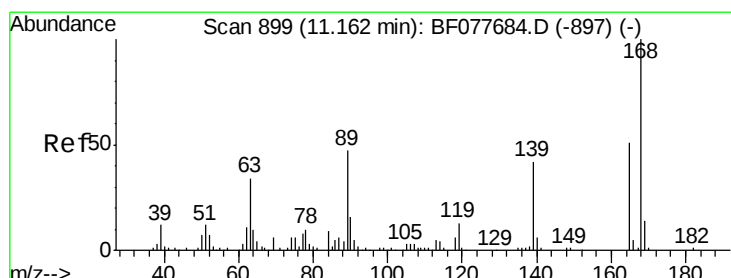
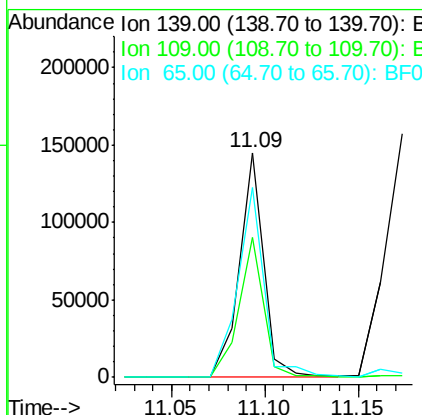
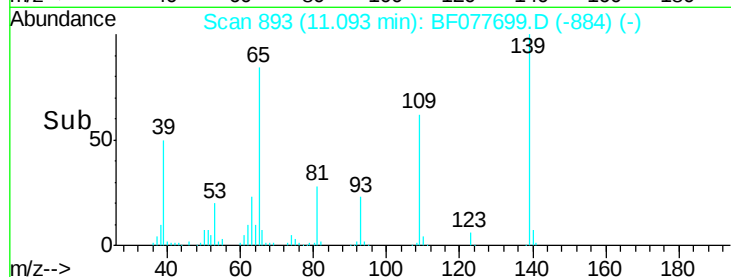
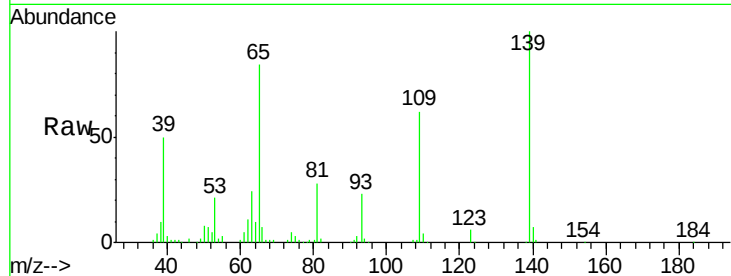
#55
4-Nitrophenol
Concen: 87.91 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.1	37.7	77.7	
65	84.2	49.9	89.9	

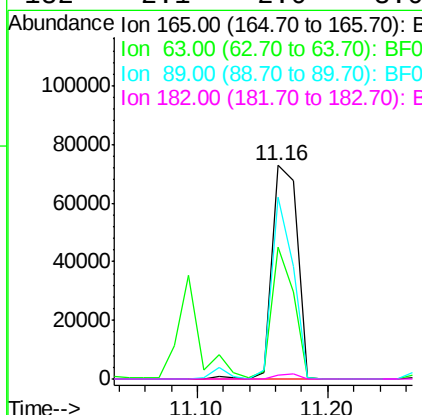
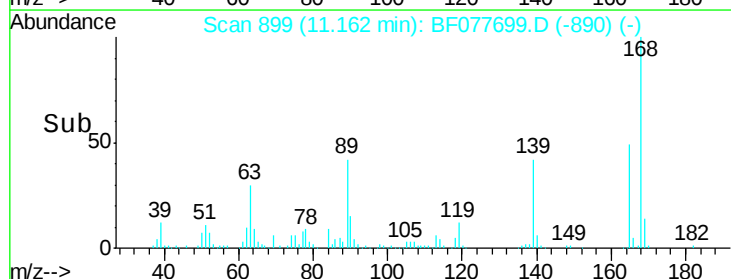
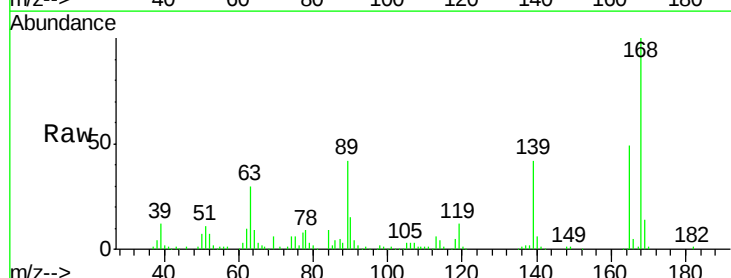
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#56
2,4-Dinitrotoluene
Concen: 43.42 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.5	52.4	78.6	
89	85.0	72.4	108.6	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 39.50 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

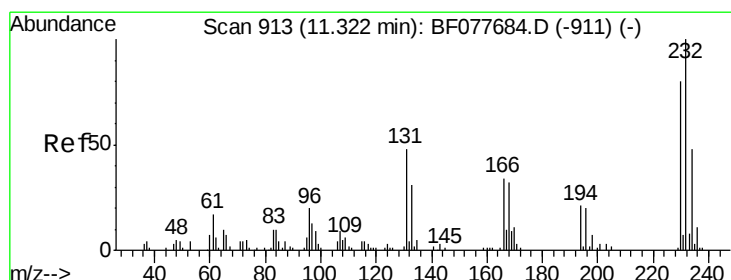
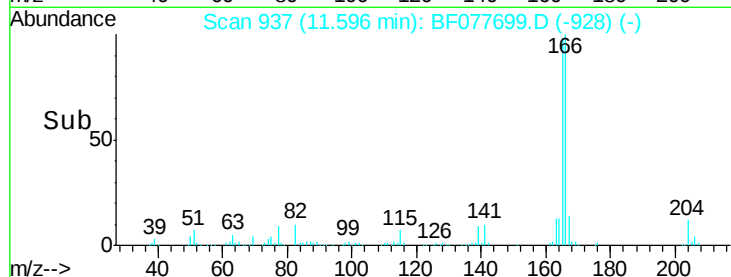
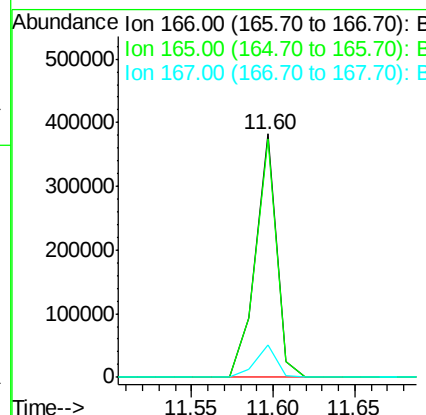
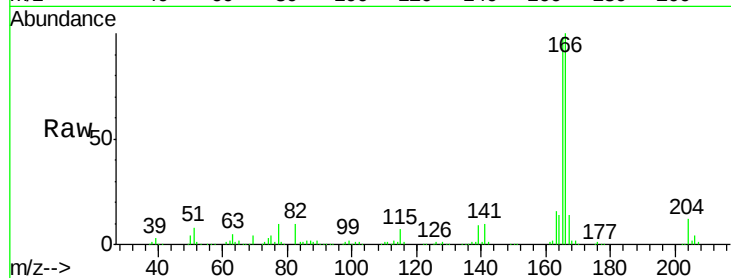
ClientSampleId :

PB81894BSD

Tot Ion:	166	Resp:	343716
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.0	118.4
167	13.5	10.3	15.5

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.38 ng

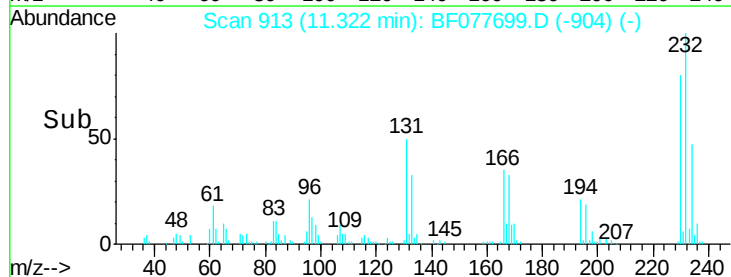
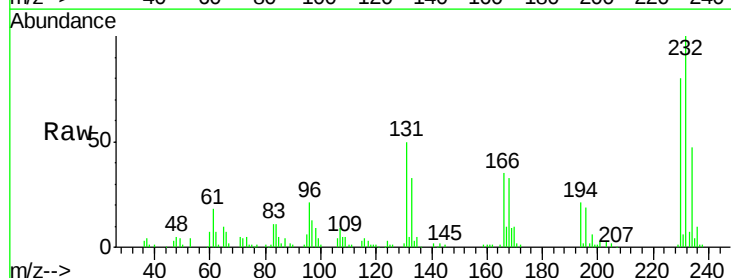
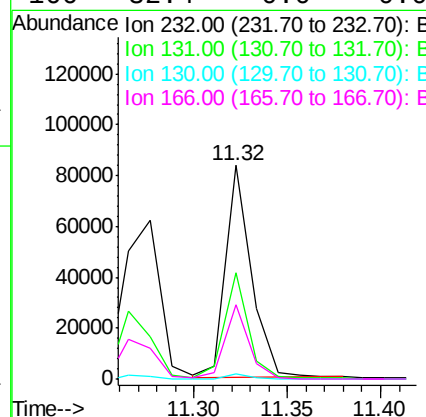
RT: 11.32 min Scan# 913

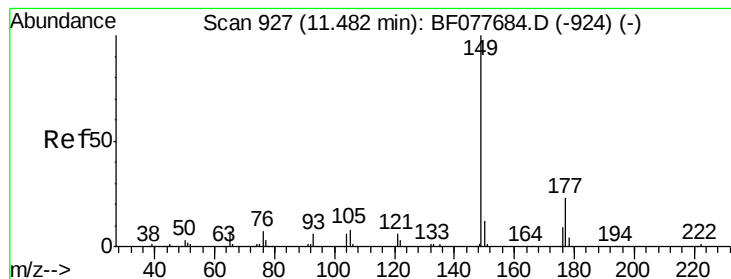
Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:	232	Resp:	81134
Ion Ratio	Lower	Upper	
232	100		
131	45.9	0.0	0.0#
130	1.9	0.0	0.0#
166	32.4	0.0	0.0#





#59

Diethylphthalate

Concen: 41.66 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

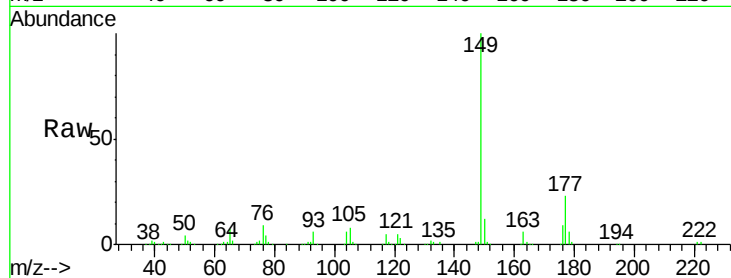
ClientSampleId :

PB81894BSD

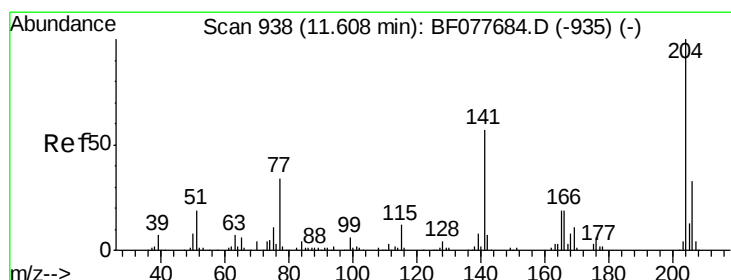
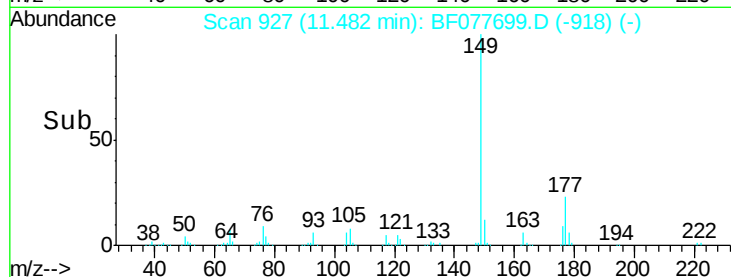
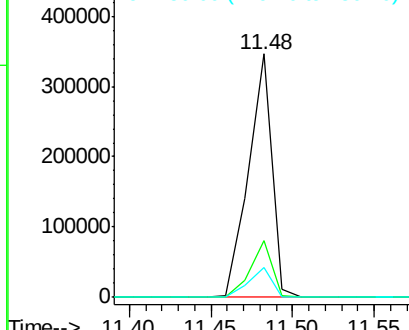
Tot Ion:	149	Resp:	343413
Ion Ratio	Lower	Upper	
149	100		
177	23.1	18.3	27.5
150	12.2	9.8	14.8

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.99 ng

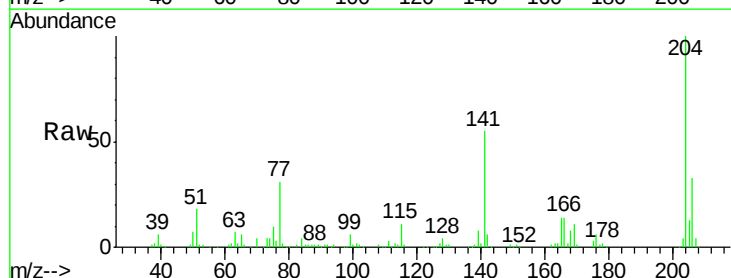
RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

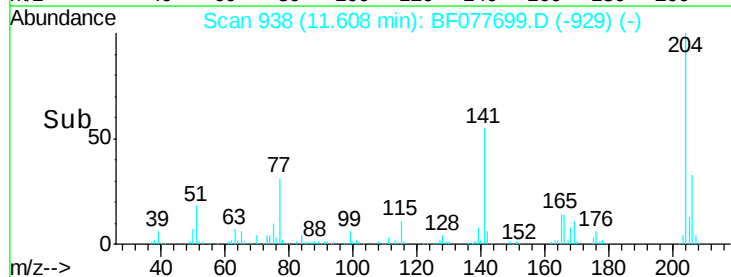
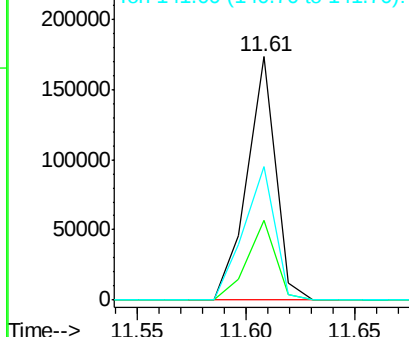
Lab File: BF077699.D

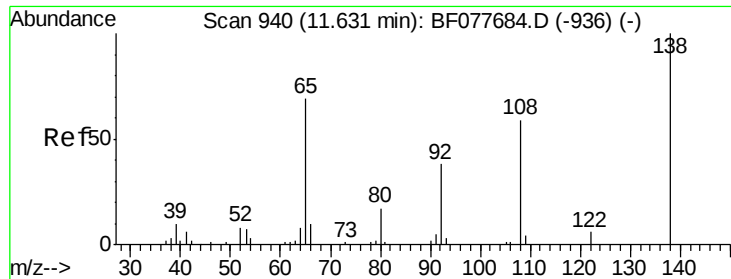
Acq: 11 Mar 2015 20:58

Tgt Ion:	204	Resp:	158803
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.6	39.8
141	55.1	45.2	67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





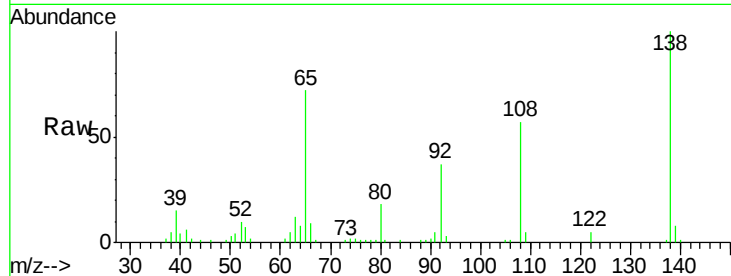
#61
4-Nitroaniline
Concen: 38.11 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	37.1	16.7	56.7
108	57.1	37.6	77.6

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

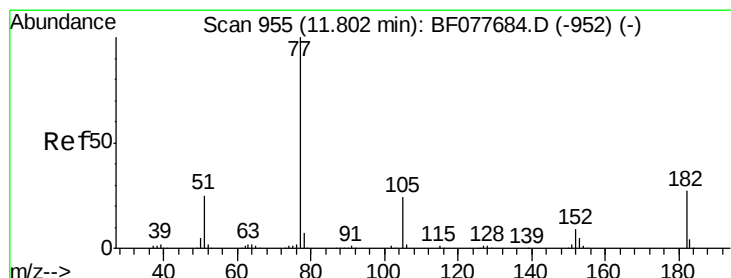
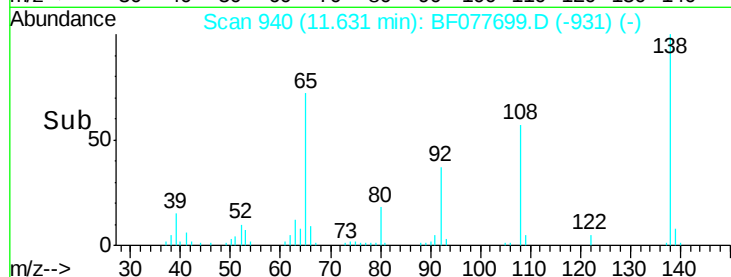
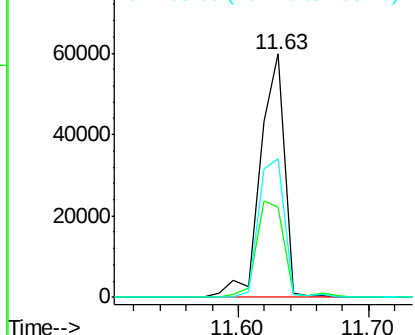


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 40.16 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.5	46.5
105	24.6	3.8	43.8
51	25.1	5.5	45.5

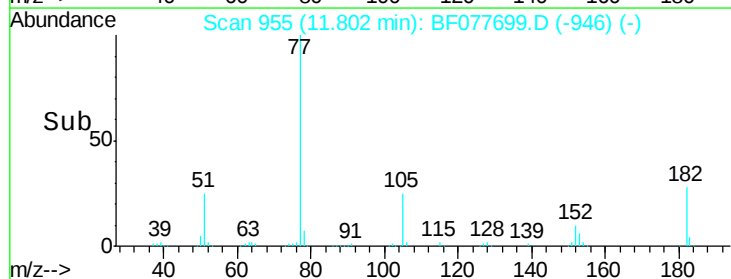
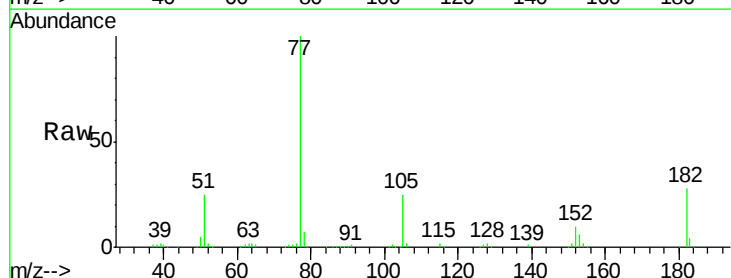
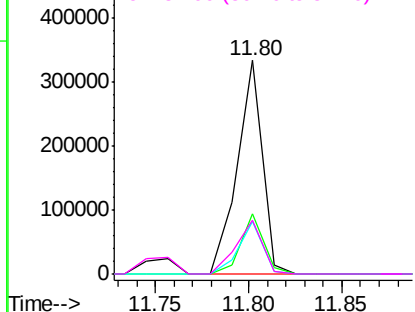
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





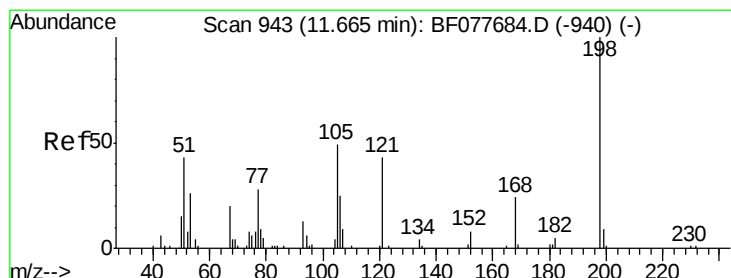
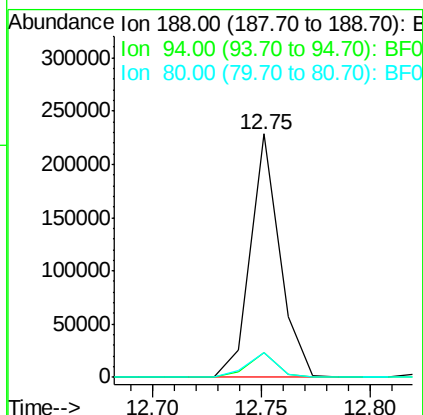
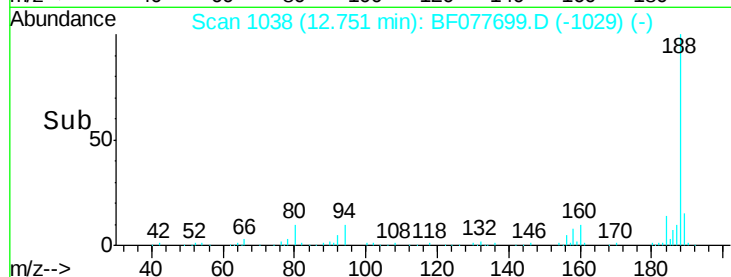
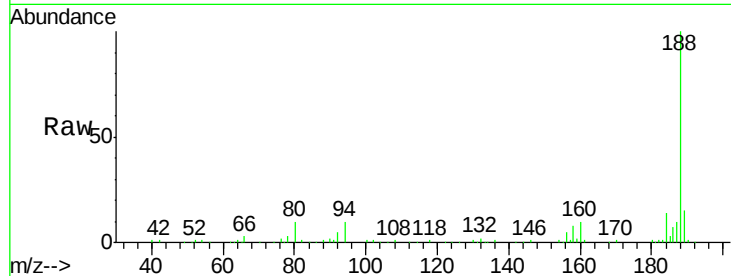
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	8.7	13.1
80	10.3	9.3	13.9

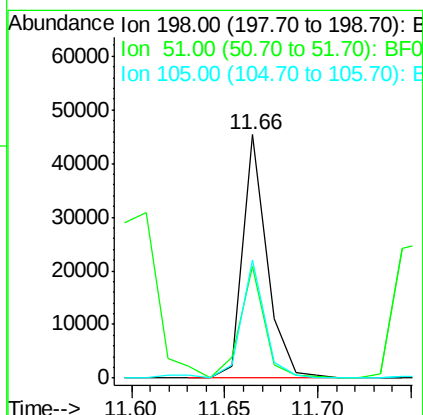
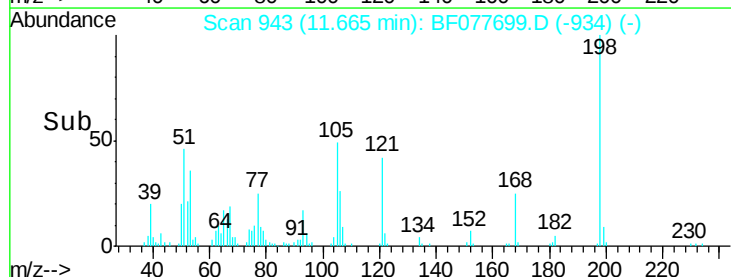
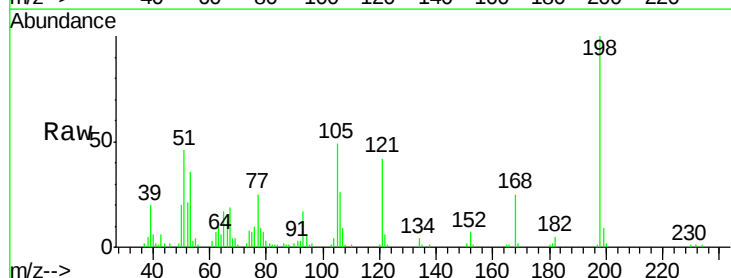
Manual Integrations
APPROVED

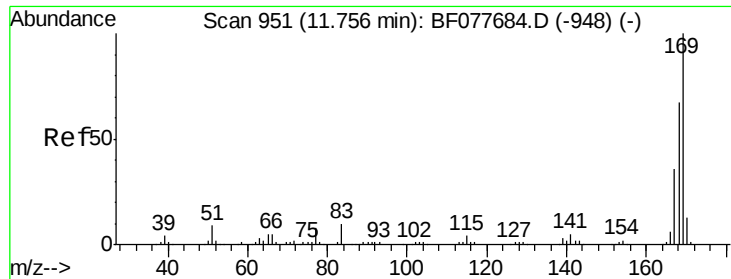
mohammad
3/13/2015 9:40:33 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.59 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.9	28.8	68.8
105	48.5	30.5	70.5





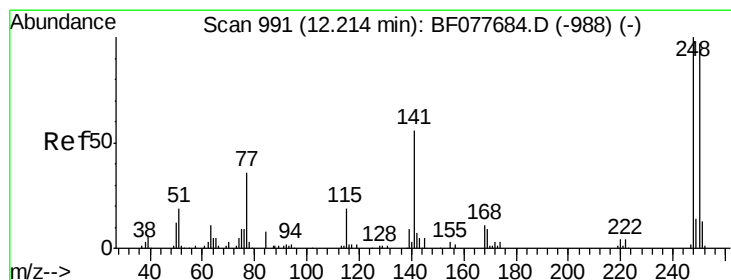
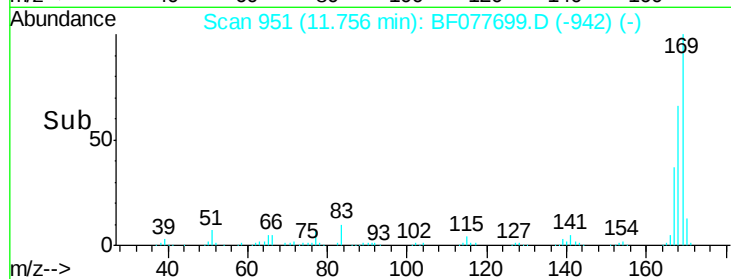
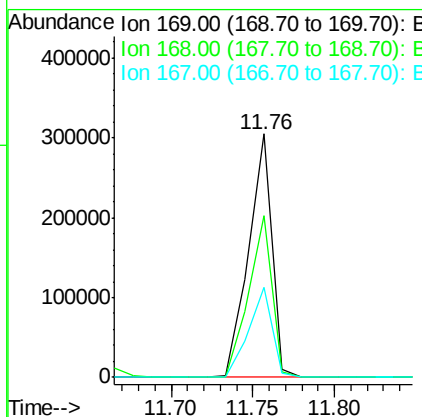
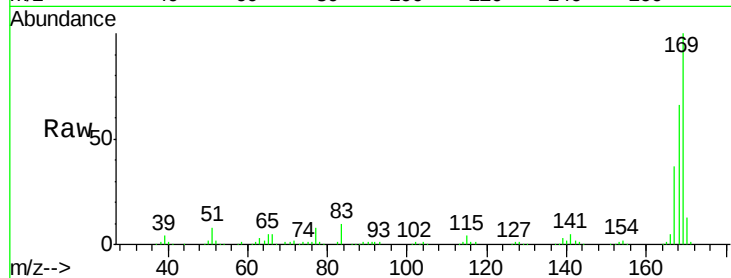
#65
 n-Nitrosodiphenylamine
 Concen: 42.11 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	300853		
168	66.4		53.9	80.9
167	37.0		28.9	43.3

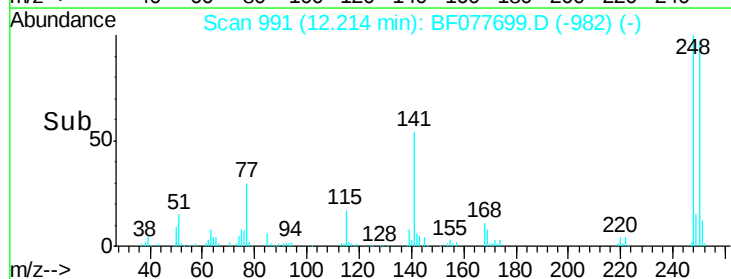
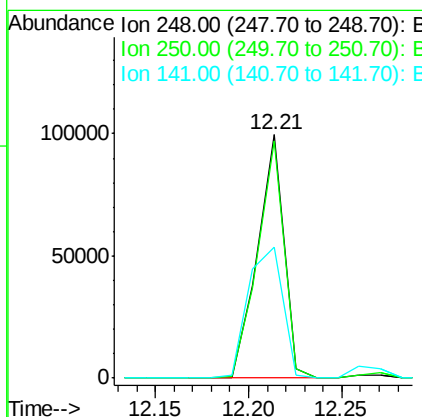
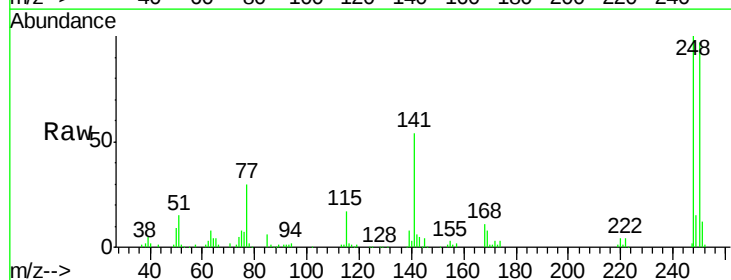
Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM



#66
 4-Bromophenyl-phenylether
 Concen: 42.52 ng
 RT: 12.21 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	97340		
250	97.5		77.4	116.0
141	53.6		45.2	67.8





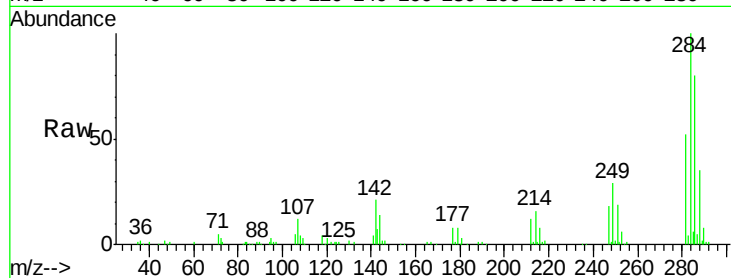
#67
Hexachlorobenzene
Concen: 42.27 ng
RT: 12.27 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

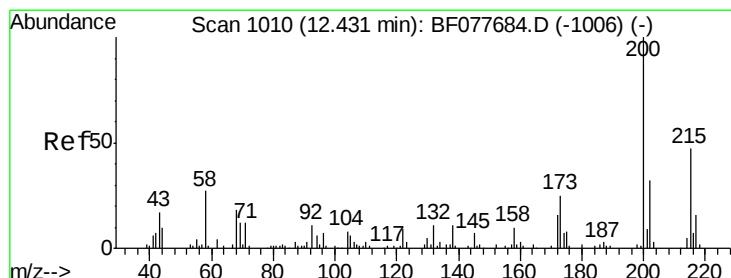
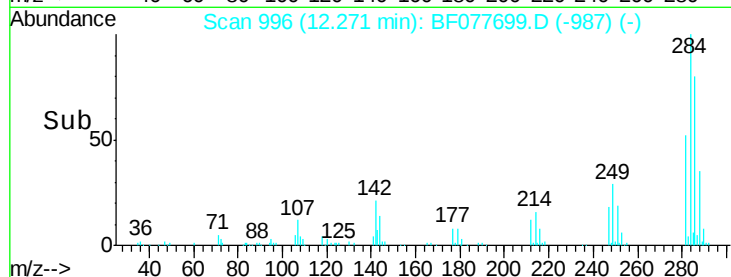
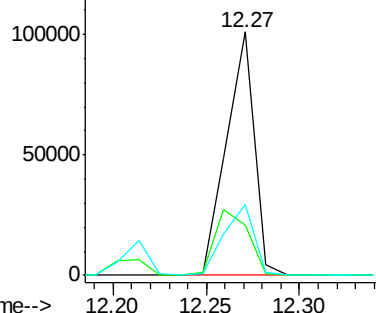
Tot Ion	Ratio	Resp	Lower	Upper
284	100	106328		
142	20.5		20.4	30.6
249	29.2		23.8	35.6

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

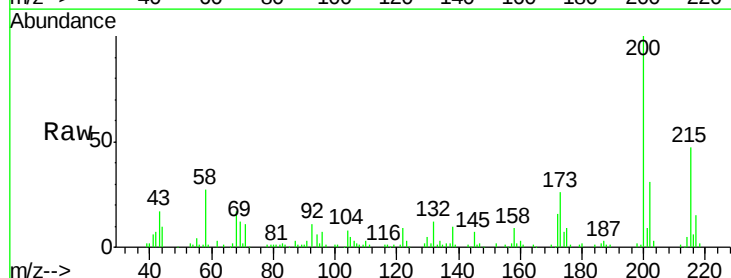


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

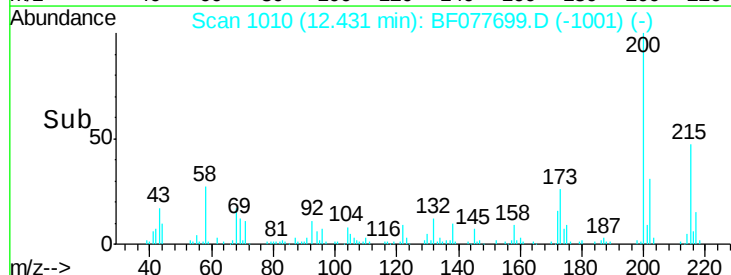
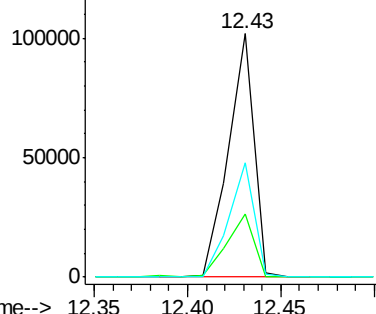


#68
Atrazine
Concen: 49.27 ng
RT: 12.43 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	98645		
173	25.7		4.8	44.8
215	46.7		26.9	66.9



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





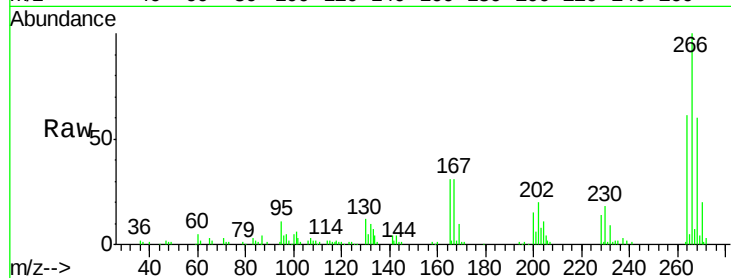
#69
 Pentachlorophenol
 Concen: 86.95 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

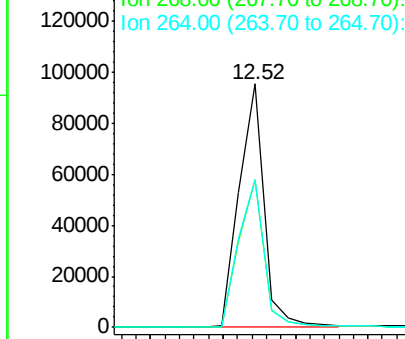
Tot Ion	Ratio	Resp	Lower	Upper
266	100	114935		
268	60.4	52.0	78.0	
264	60.6	49.0	73.4	

Manual Integrations
 APPROVED

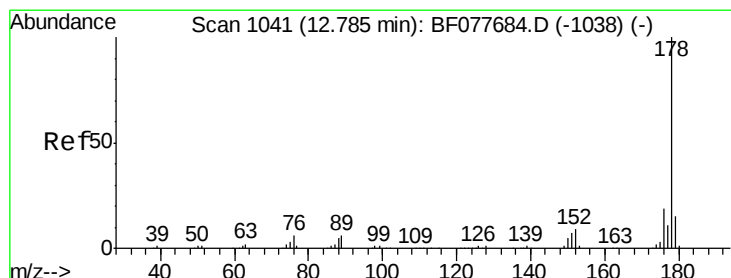
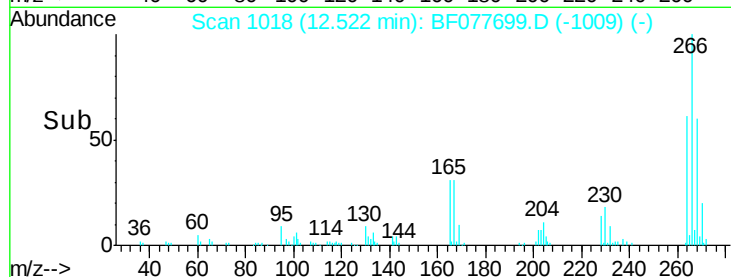
mohammad
 3/13/2015 9:40:33 AM



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

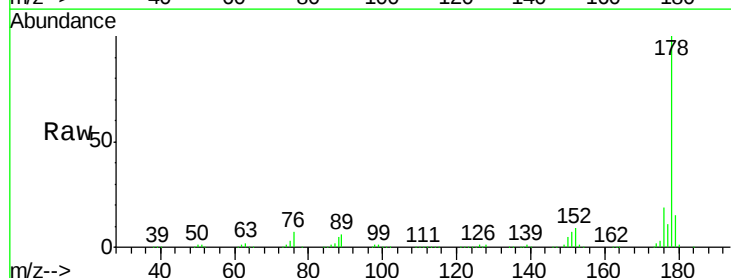


Time-->

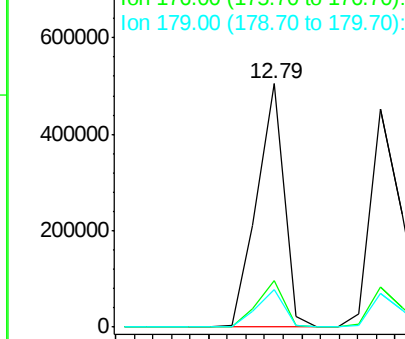


#70
 Phenanthrene
 Concen: 41.31 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

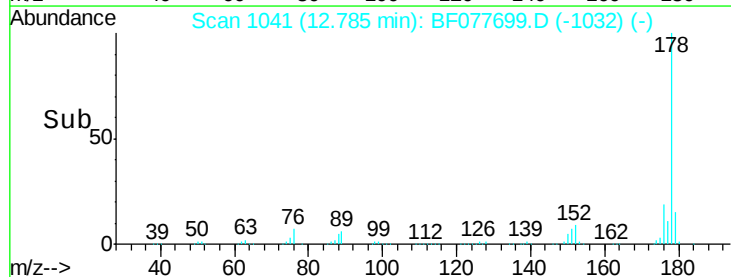
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	508718		
176	18.9	15.2	22.8	
179	15.2	12.1	18.1	

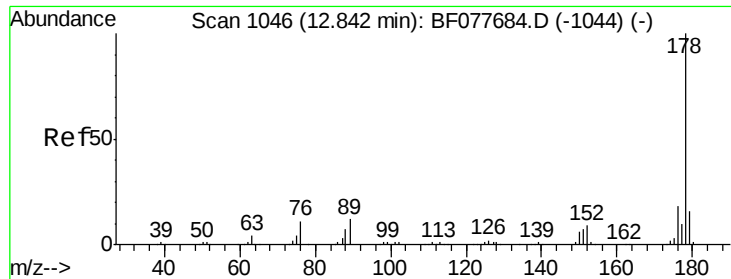


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





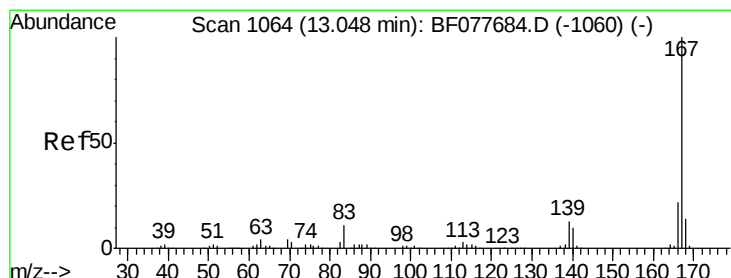
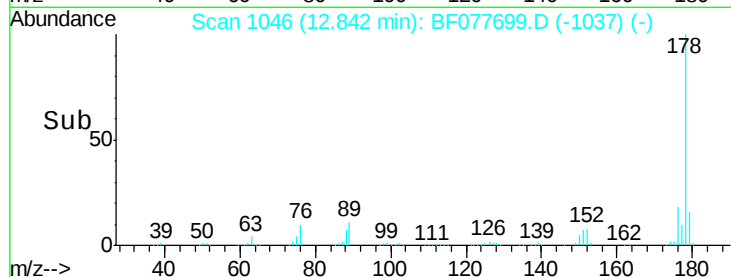
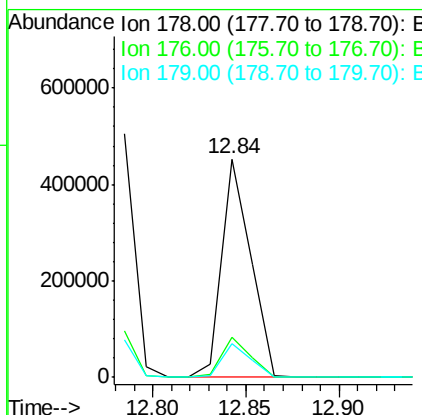
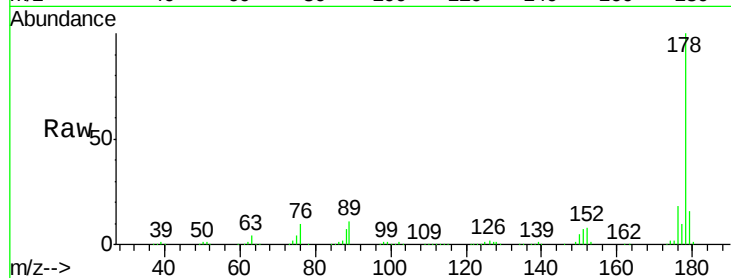
#71
 Anthracene
 Concen: 40.35 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.7	12.6	19.0

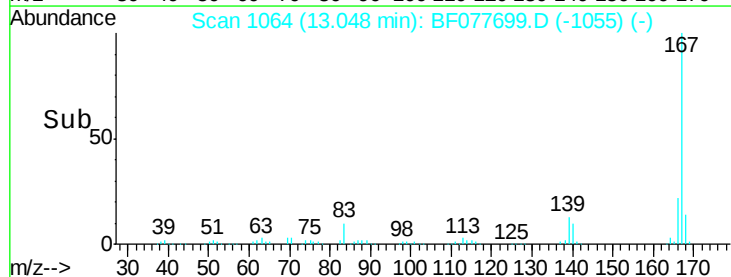
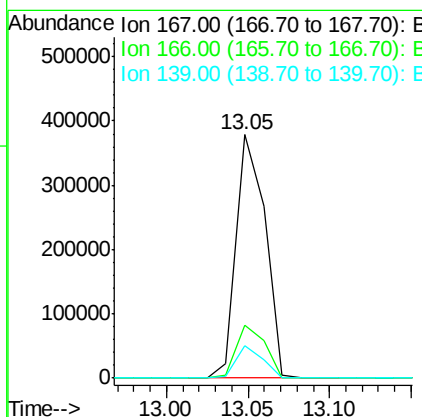
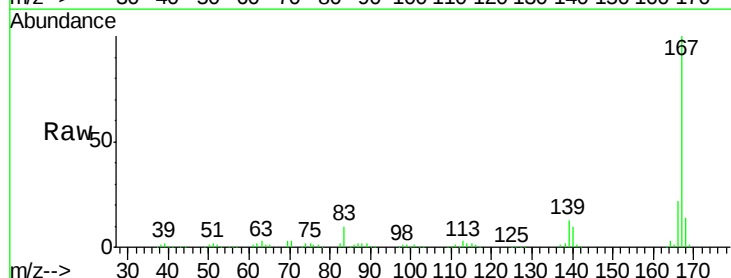
Manual Integrations
 APPROVED

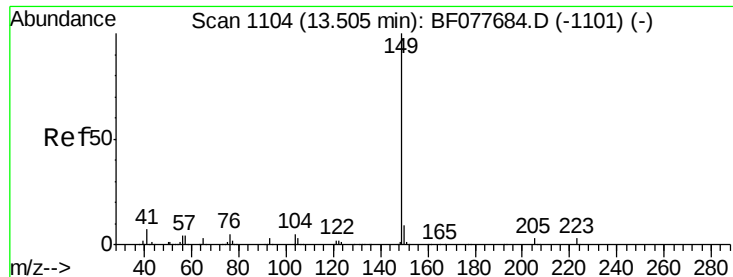
mohammad
 3/13/2015 9:40:33 AM



#72
 Carbazole
 Concen: 39.91 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.3	10.8	16.2





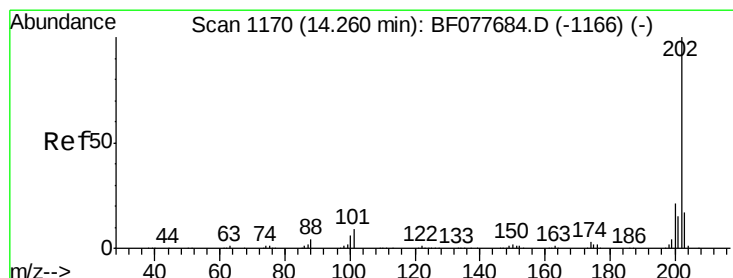
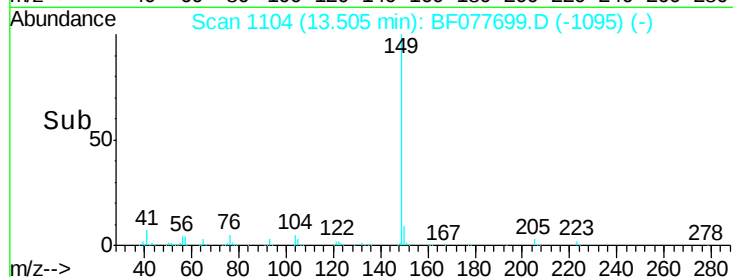
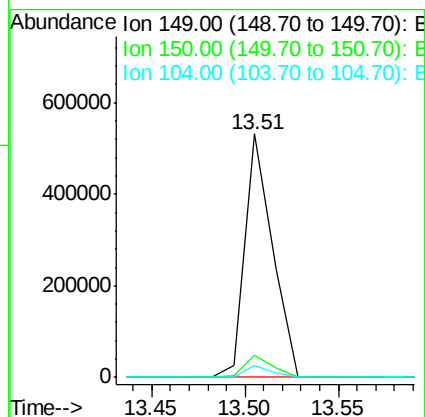
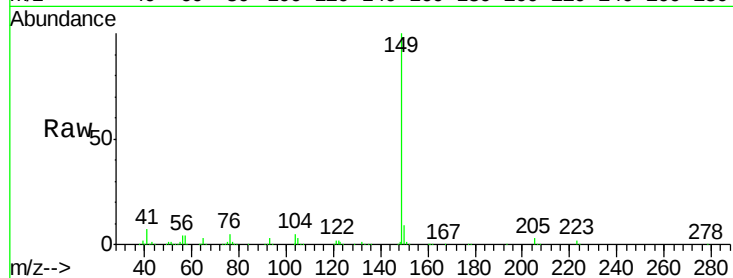
#73
Di-n-butylphthalate
Concen: 42.10 ng
RT: 13.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion:	149	Resp:	546409
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	4.7	3.7	5.5

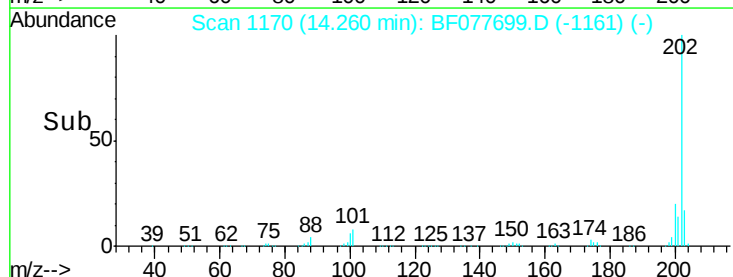
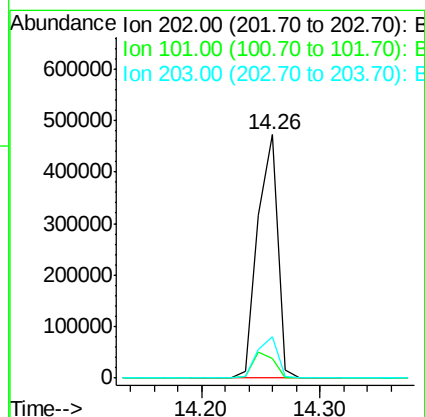
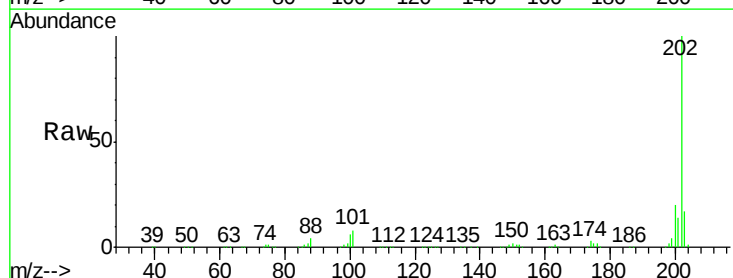
Manual Integrations
APPROVED

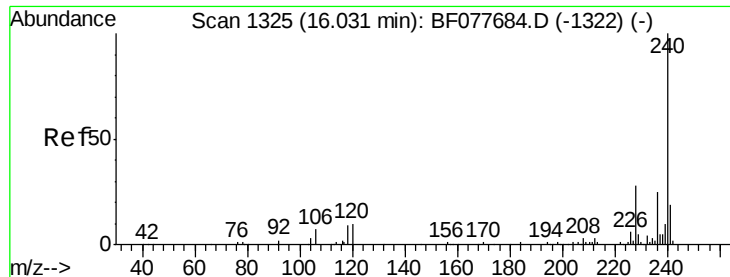
mohammad
3/13/2015 9:40:33 AM



#74
Fluoranthene
Concen: 41.40 ng
RT: 14.26 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion:	202	Resp:	562439
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	28.7
203	17.1	0.0	37.2





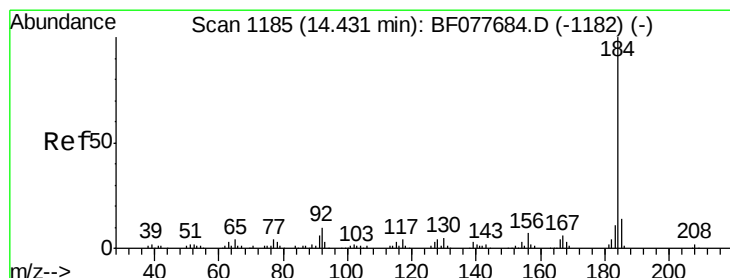
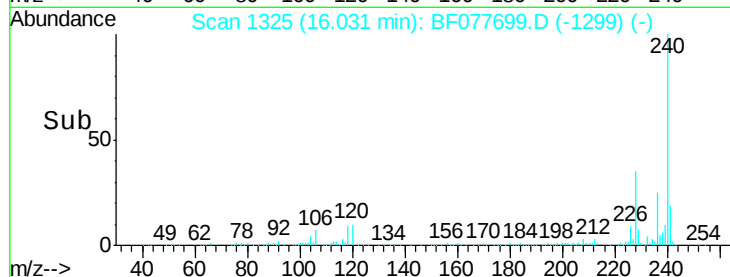
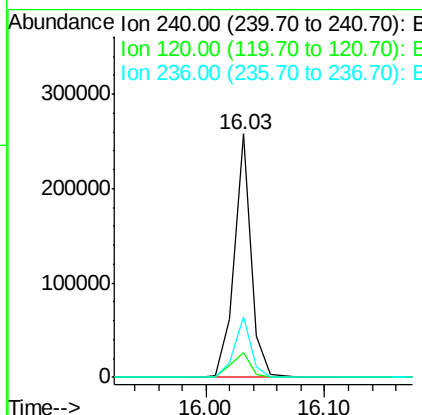
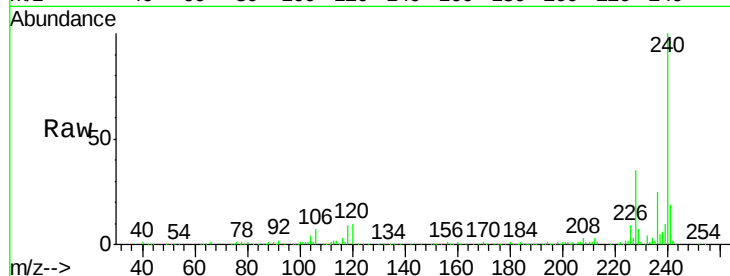
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	253515		
120	10.4	8.2	12.2	
236	24.7	20.0	30.0	

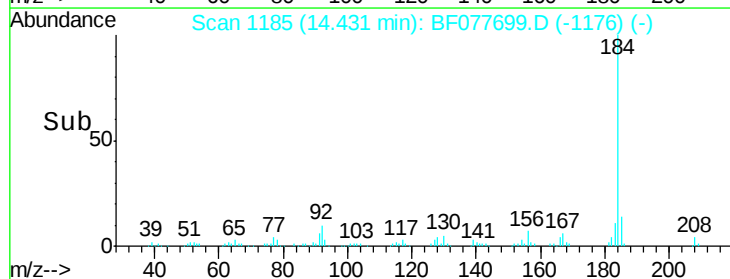
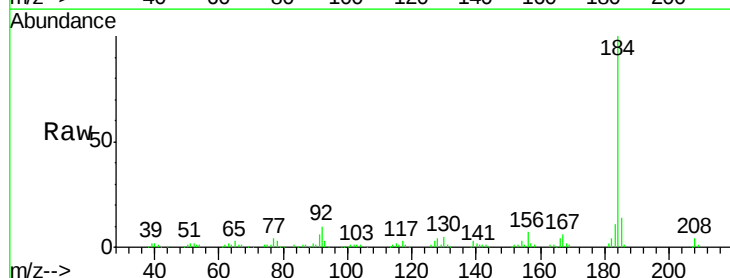
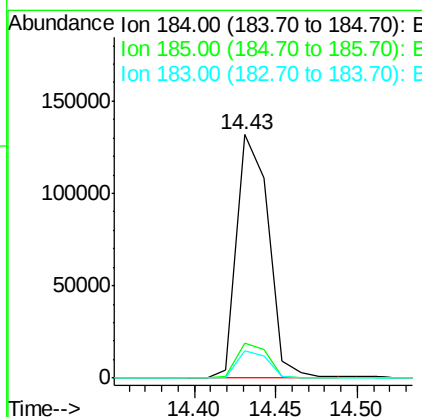
Manual Integrations
APPROVED

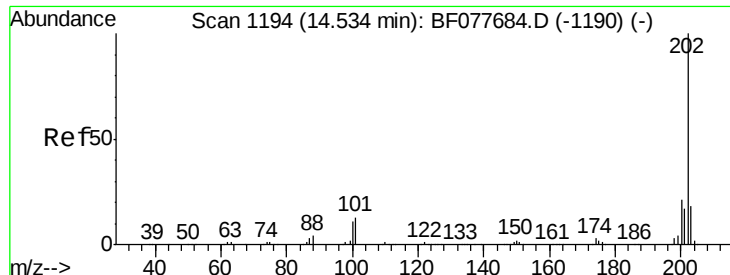
mohammad
3/13/2015 9:40:33 AM



#76
Benzidine
Concen: 28.05 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	176812		
185	14.2	11.3	16.9	
183	11.4	8.9	13.3	





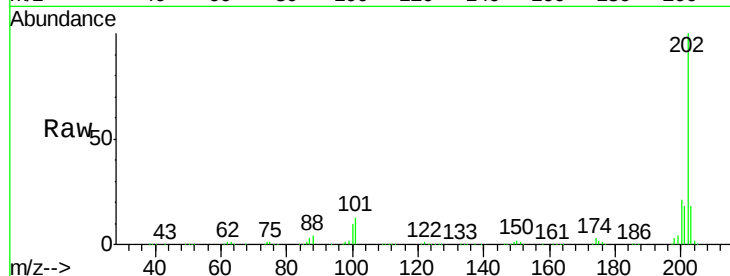
#77
Pvrene
Concen: 38.53 ng
RT: 14.53 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	16.9	25.3
203	17.8	14.1	21.1

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM

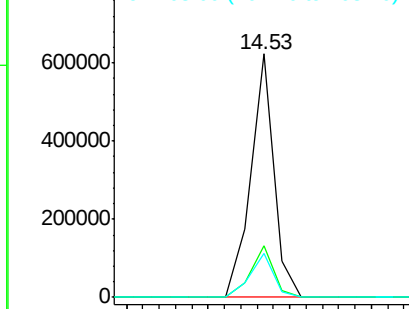


Abundance

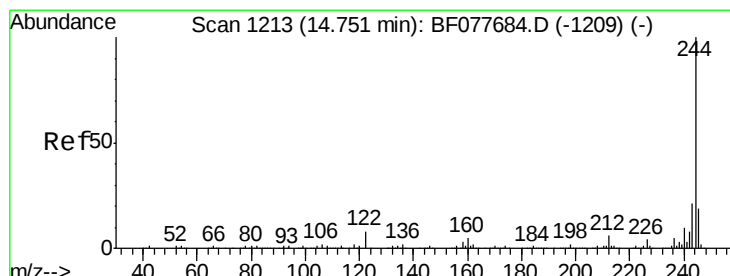
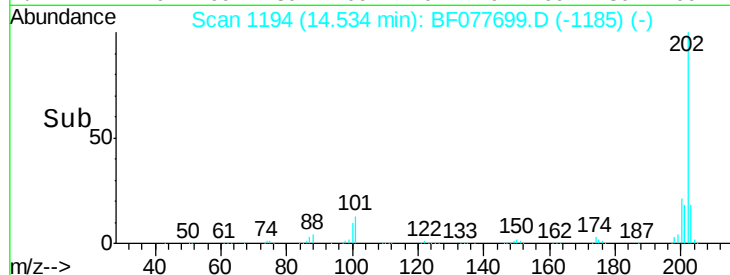
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 14.45 14.50 14.55 14.60



#78
Terphenyl-d14
Concen: 67.68 ng
RT: 14.75 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

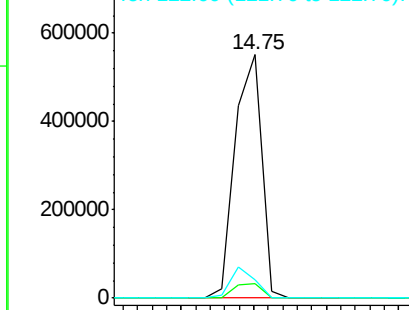
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.0	4.9	7.3
122	7.6	6.2	9.4

Abundance

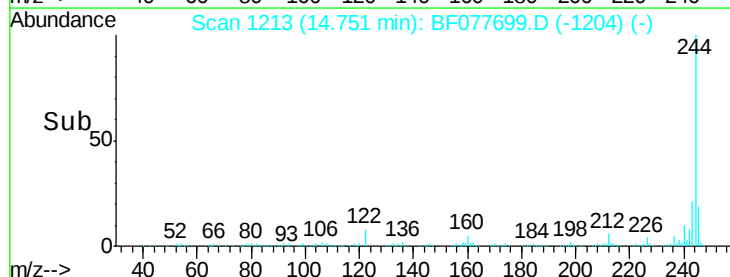
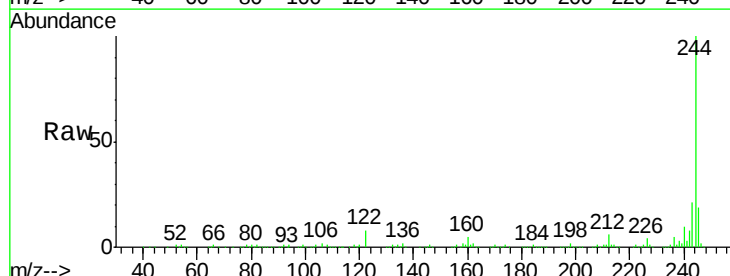
Ion 244.00 (243.70 to 244.70): E

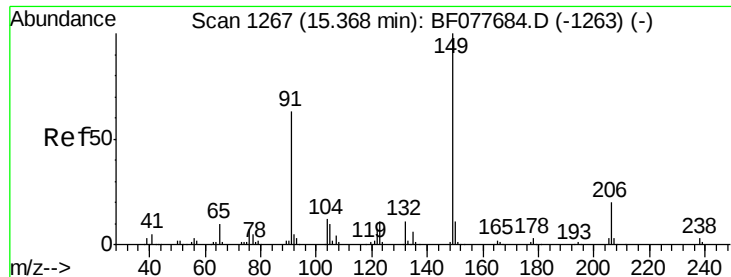
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.70 14.75 14.80





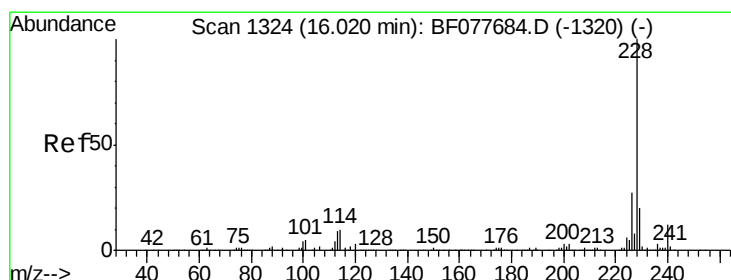
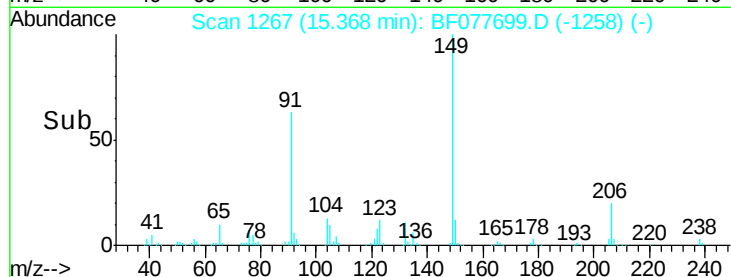
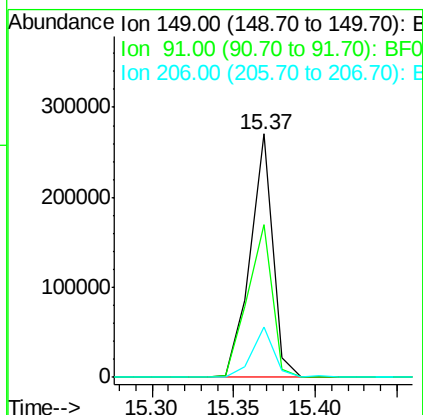
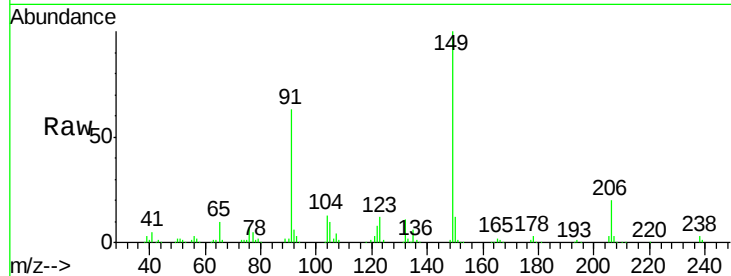
#79
Butylbenzylphthalate
Concen: 41.57 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	261282		
91	62.7	50.1	75.1	
206	20.5	16.2	24.2	

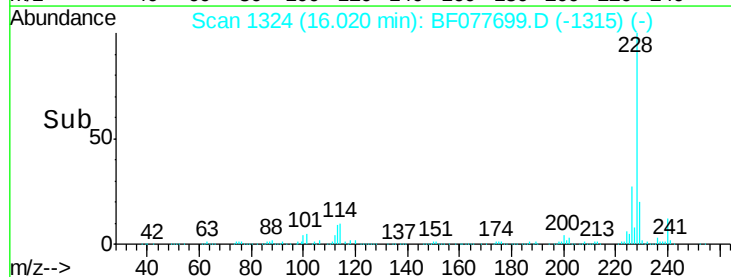
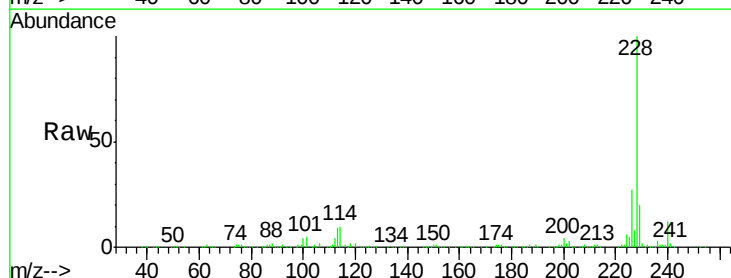
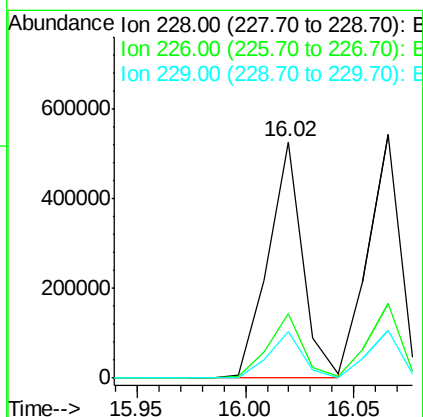
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#80
Benzo(a)anthracene
Concen: 38.99 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	585894		
226	27.2	21.7	32.5	
229	19.7	16.0	24.0	





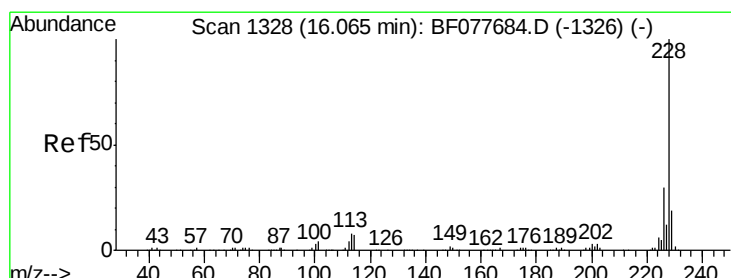
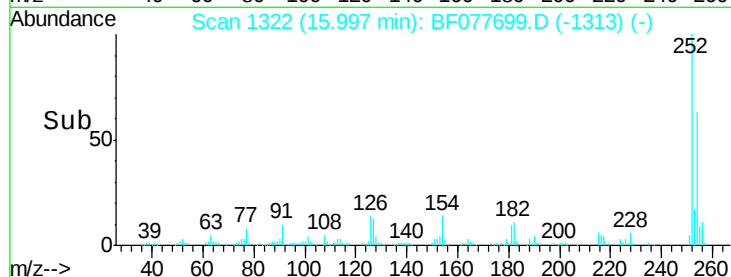
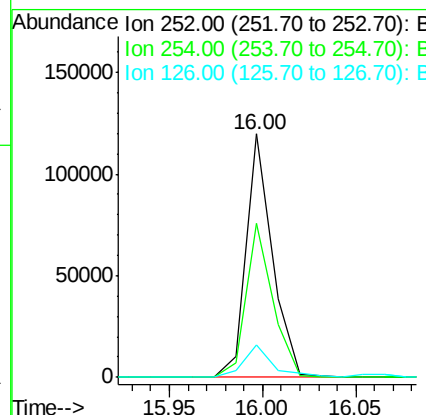
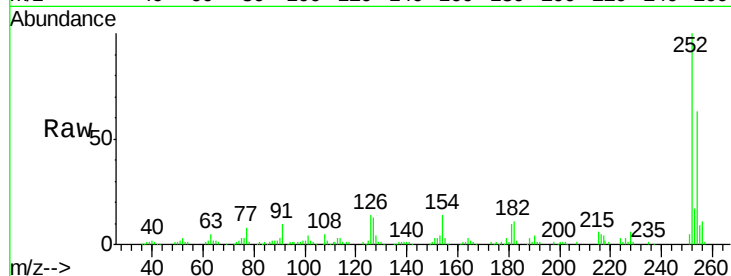
#81
 3,3'-Dichlorobenzidine
 Concen: 23.76 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.9	77.9
126	13.5	9.8	14.8

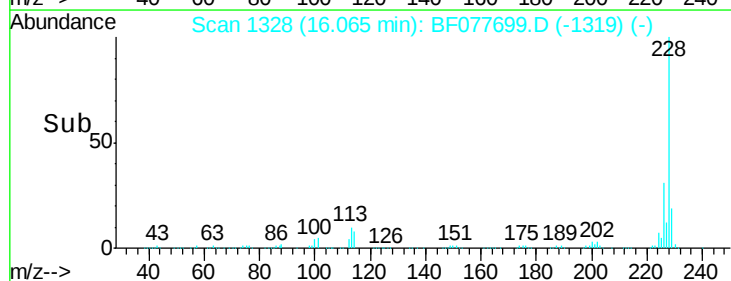
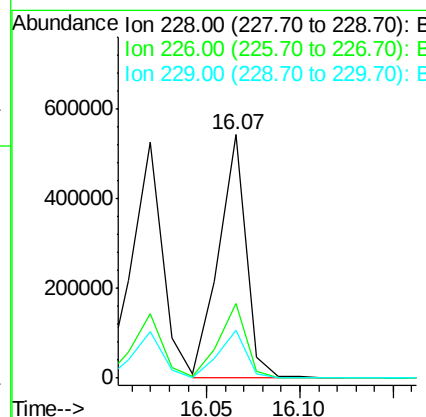
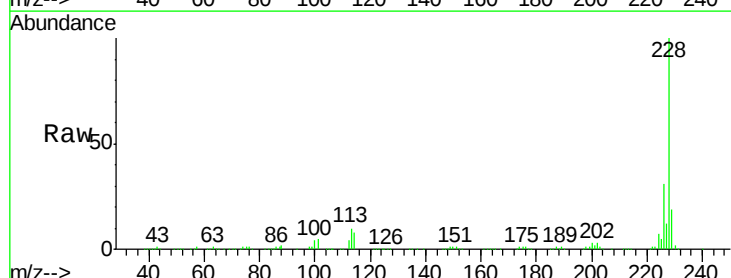
Manual Integrations
 APPROVED

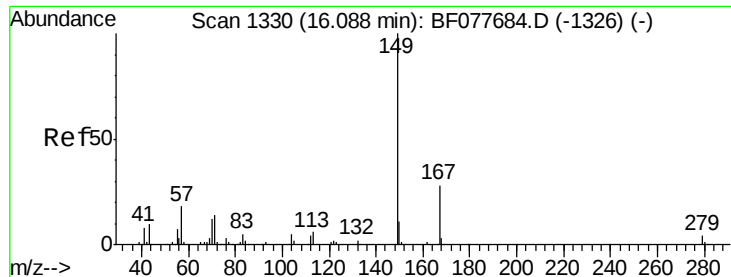
mohammad
 3/13/2015 9:40:33 AM



#82
 Chrysene
 Concen: 41.14 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.90 ng

RT: 16.09 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Instrument :

BNA_F

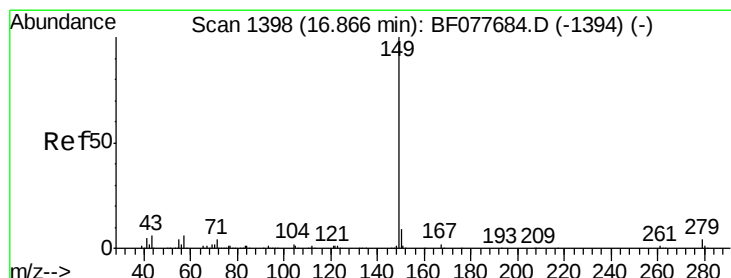
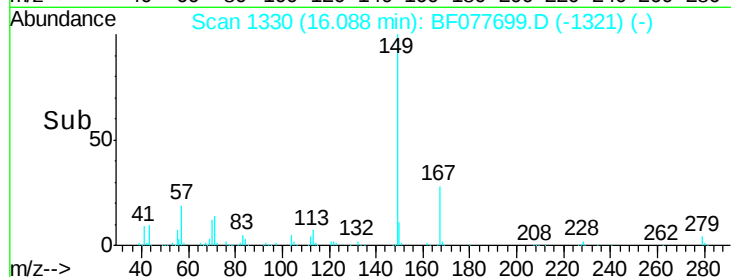
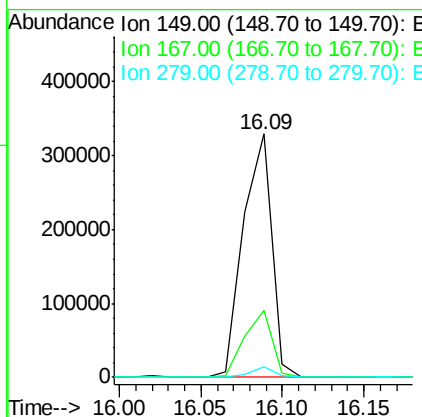
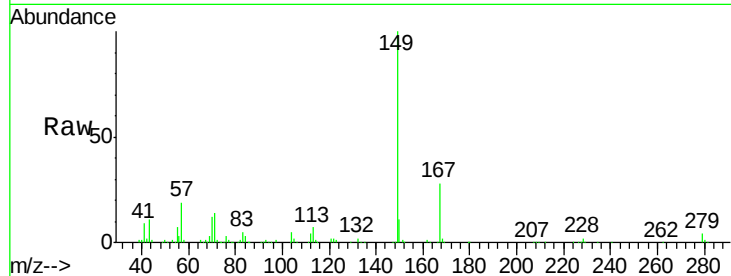
ClientSampleId :

PB81894BSD

Tot Ion:	149	Resp:	398911
Ion Ratio		Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.2	3.4	5.0

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#84

Di-n-octyl phthalate

Concen: 40.81 ng

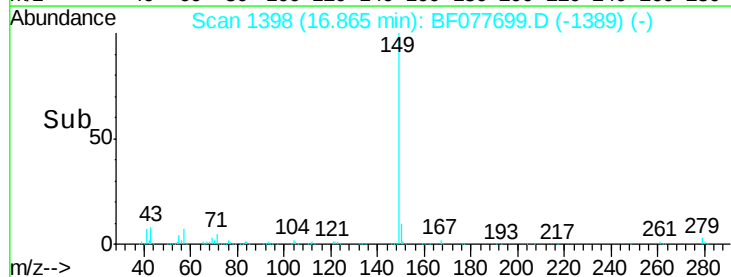
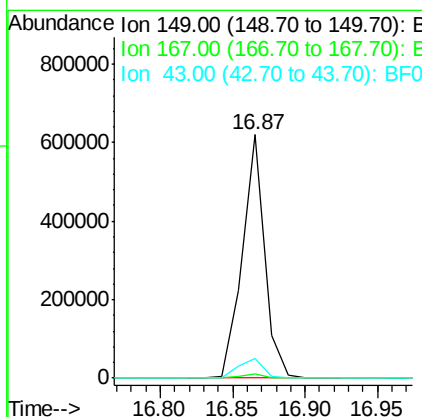
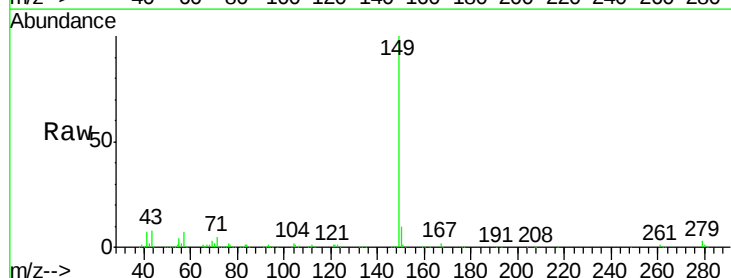
RT: 16.87 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF077699.D

Acq: 11 Mar 2015 20:58

Tgt Ion:	149	Resp:	664353
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	7.3	10.9





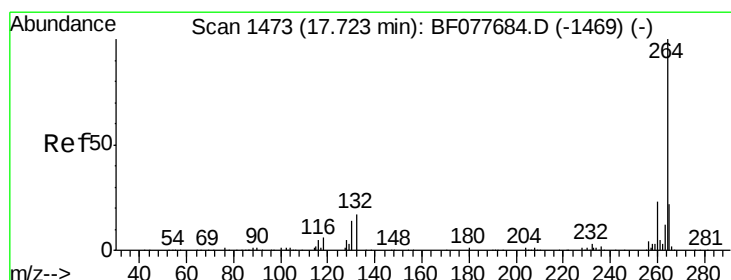
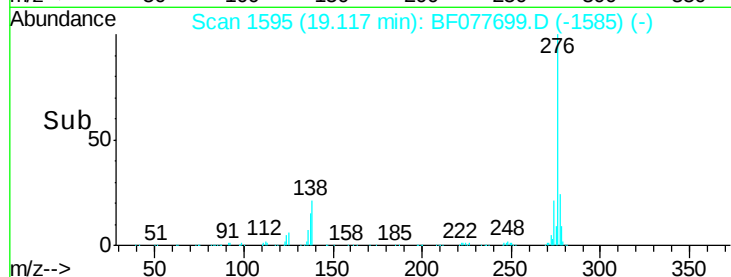
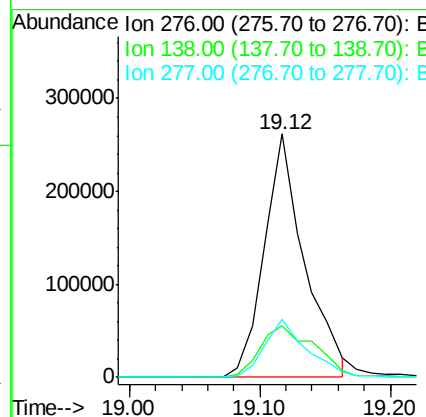
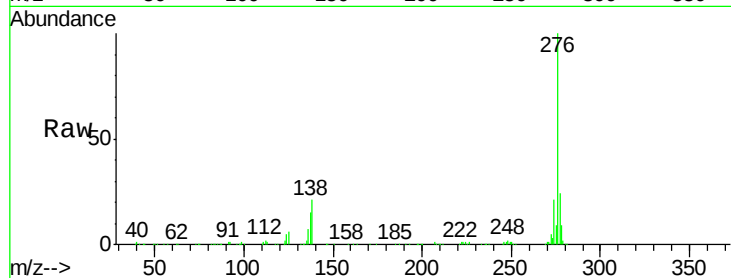
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.41 ng
RT: 19.12 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.2	0.0	0.0#
277	25.0	0.0	0.0#

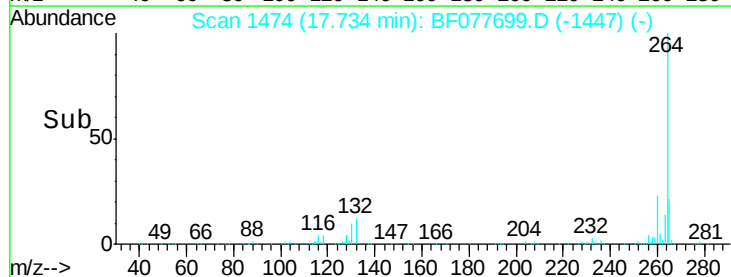
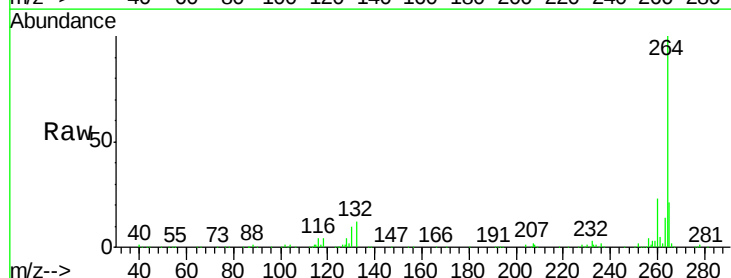
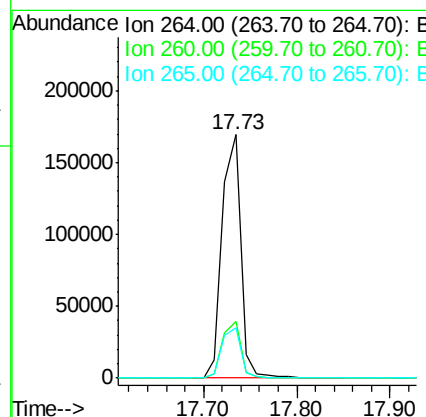
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:33 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.7	17.3	25.9





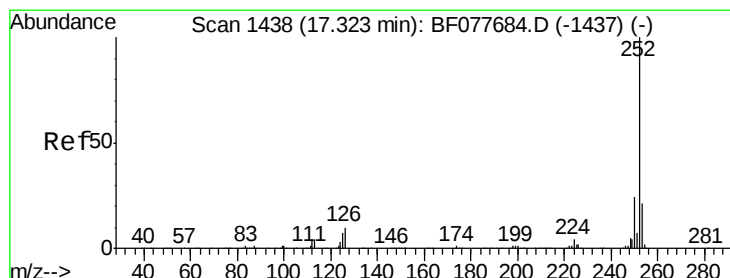
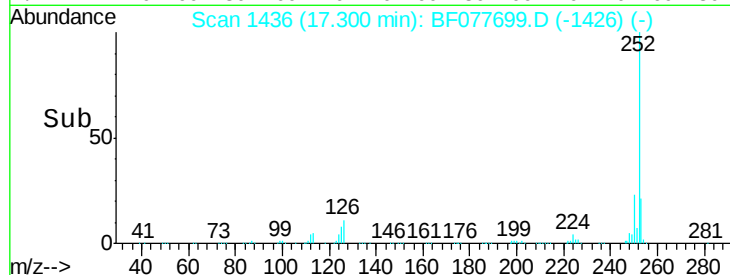
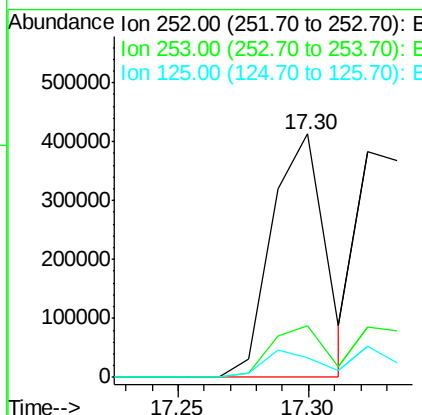
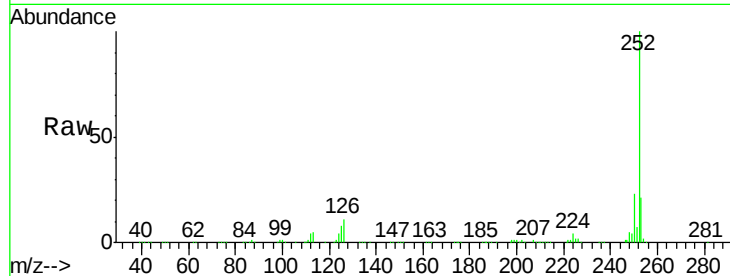
#87
Benzo(b)fluoranthene
Concen: 38.03 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	8.1	9.9	14.9

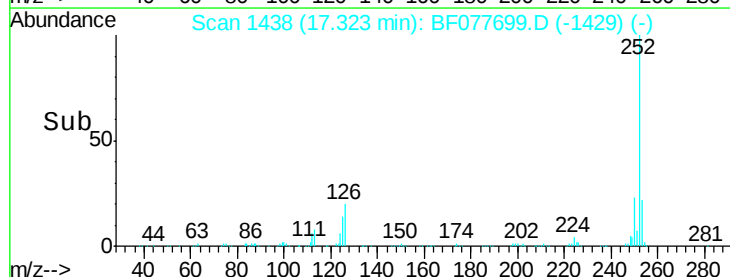
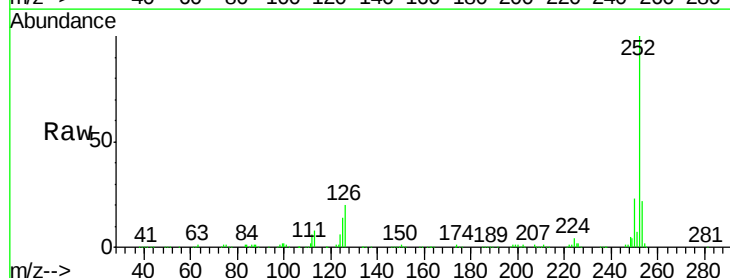
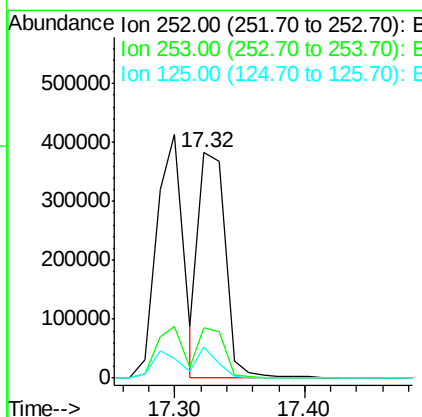
Manual Integrations
APPROVED

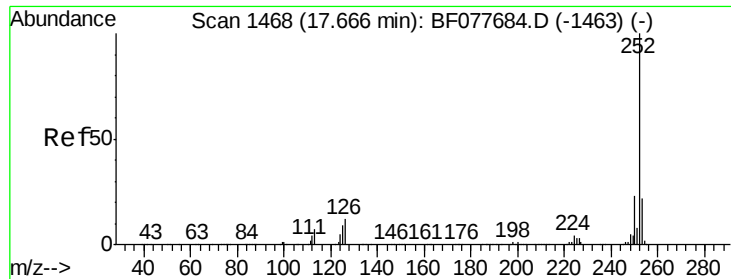
mohammad
3/13/2015 9:40:33 AM



#88
Benzo(k)fluoranthene
Concen: 45.76 ng m
RT: 17.32 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.8	8.1	12.1





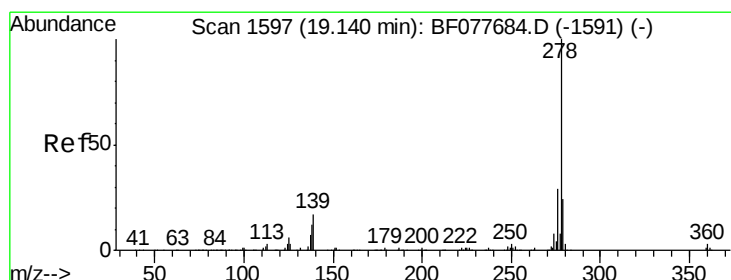
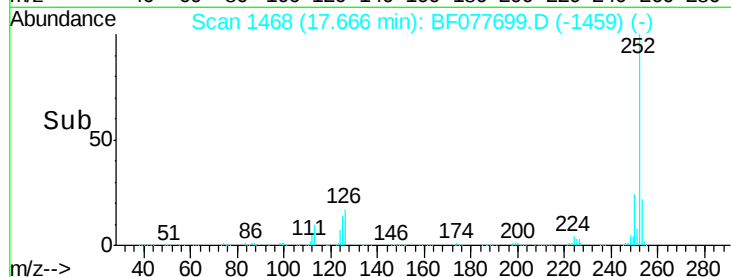
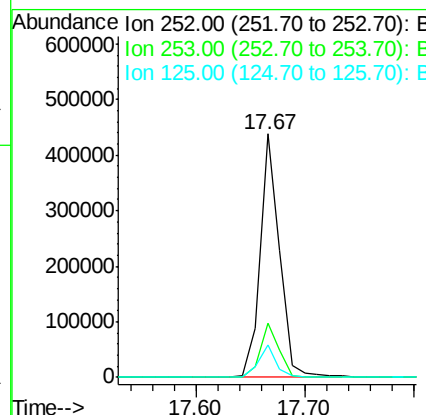
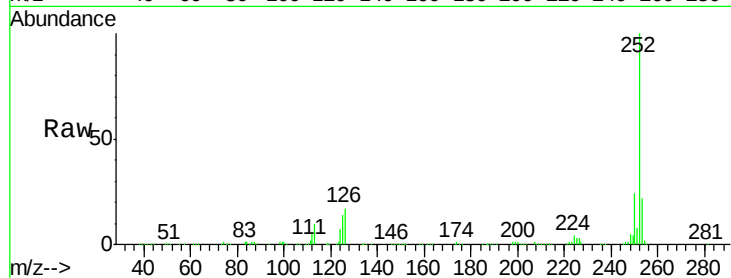
#89
Benzo(a)pyrene
Concen: 42.68 ng
RT: 17.67 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Instrument :
BNA_F
ClientSampleId :
PB81894BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.5	7.4	11.2

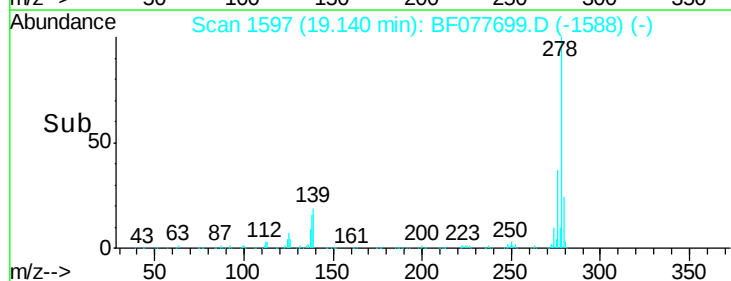
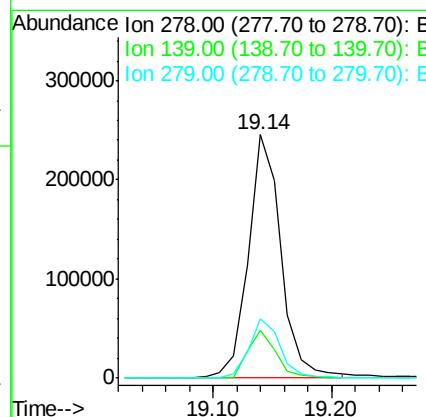
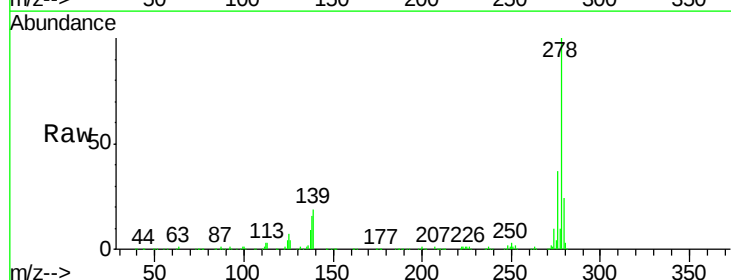
Manual Integrations
APPROVED

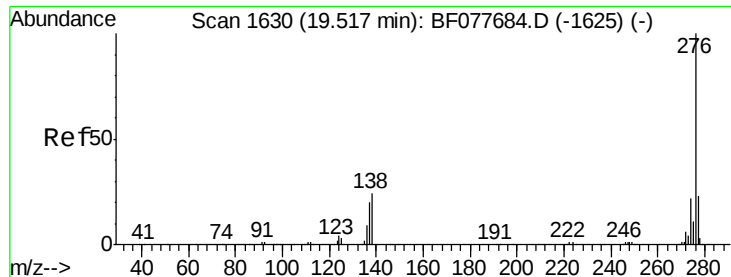
mohammad
3/13/2015 9:40:33 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.09 ng
RT: 19.14 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BF077699.D
Acq: 11 Mar 2015 20:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	13.4	20.0
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.54 ng
 RT: 19.53 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BF077699.D
 Acq: 11 Mar 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BSD

Tot Ion:	276	Resp:	473292
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.5	27.7
138	22.5	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:33 AM

