

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077688.D
 Acq On : 11 Mar 2015 14:36
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

Quant Time: Mar 12 02:42:00 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	47905	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	201348	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	102838	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	200985	20.00	ng	0.00
75) Chrysene-d12	16.03	240	204244	20.00	ng	0.00
86) Perylene-d12	17.72	264	194093	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	213593	77.83	ng	-0.01
7) Phenol-d6	6.74	99	272865	80.47	ng	0.00
23) Nitrobenzene-d5	7.86	82	237857	77.44	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	77807	79.08	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	531996	76.03	ng	0.00
78) Terphenyl-d14	14.75	244	635838	76.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	50585	40.60	ng	# 100
3) Pyridine	2.74	79	153106	45.73	ng	92
4) n-Nitrosodimethylamine	2.67	42	60178	41.28	ng	# 97
6) Aniline	6.76	93	192354	39.66	ng	99
8) 2-Chlorophenol	6.90	128	126261	38.65	ng	98
9) Benzaldehyde	6.61	77	54078	38.93	ng	98
10) Phenol	6.75	94	163378	40.76	ng	97
11) bis(2-Chloroethyl)ether	6.86	93	121045	40.32	ng	97
12) 1,3-Dichlorobenzene	7.09	146	142771	39.29	ng	99
13) 1,4-Dichlorobenzene	7.20	146	145548	38.55	ng	100
14) 1,2-Dichlorobenzene	7.38	146	133229	38.49	ng	100
15) Benzyl Alcohol	7.36	79	106569	40.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	157555	38.94	ng	100
17) 2-Methylphenol	7.50	107	106385	40.00	ng	99
18) Hexachloroethane	7.79	117	49079	39.64	ng	95
19) n-Nitroso-di-n-propylamine	7.69	70	90358	38.52	ng	99
20) 3+4-Methylphenols	7.70	107	139330	39.93	ng	99
22) Acetophenone	7.68	105	170647	38.28	ng	99
24) Nitrobenzene	7.88	77	125425	37.90	ng	99
25) Isophorone	8.19	82	240811	38.82	ng	97
26) 2-Nitrophenol	8.28	139	67099	41.42	ng	99
27) 2,4-Dimethylphenol	8.35	122	117669	39.87	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	144169	38.29	ng	# 96
29) 2,4-Dichlorophenol	8.58	162	111575	39.66	ng	99
30) 1,2,4-Trichlorobenzene	8.68	180	122364	38.87	ng	98
31) Naphthalene	8.77	128	395965	38.29	ng	100
32) Benzoic acid	8.45	122	61359	37.96	ng	97
33) 4-Chloroaniline	8.85	127	166931	39.78	ng	99
34) Hexachlorobutadiene	8.93	225	68371	38.32	ng	97
35) Caprolactam	9.26	113	32149	39.10	ng	97
36) 4-Chloro-3-methylphenol	9.46	107	113386	40.06	ng	97
37) 2-Methylnaphthalene	9.63	142	265092	38.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	117424	38.28	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	55521	37.89	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077688.D
 Acq On : 11 Mar 2015 14:36
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

Quant Time: Mar 12 02:42:00 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	83810	39.45	nq	98
43) 2,4,5-Trichlorophenol	10.03	196	89370	38.93	nq	97
45) 1,1'-Biphenyl	10.21	154	320728	39.01	nq	99
46) 2-Chloronaphthalene	10.24	162	255886	38.30	nq	99
47) 2-Nitroaniline	10.36	65	67714	40.81	nq	100
48) Acenaphthylene	10.74	152	427320	38.46	nq	99
49) Dimethylphthalate	10.60	163	293319	38.46	nq	100
50) 2,6-Dinitrotoluene	10.67	165	60965	38.56	nq	96
51) Acenaphthene	10.96	154	249062	39.10	nq	100
52) 3-Nitroaniline	10.88	138	75012	40.85	nq	98
53) 2,4-Dinitrophenol	11.00	184	19702	38.56	nq	98
54) Dibenzofuran	11.17	168	367828	38.93	nq	99
55) 4-Nitrophenol	11.09	139	58205	42.79	nq	97
56) 2,4-Dinitrotoluene	11.17	165	82523	40.03	nq	# 69
57) Fluorene	11.60	166	306880	39.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70178	39.71	nq	# 100
59) Diethylphthalate	11.48	149	295248	39.73	nq	99
60) 4-Chlorophenyl-phenylether	11.61	204	136695	38.18	nq	99
61) 4-Nitroaniline	11.63	138	76479	41.79	nq	99
62) Azobenzene	11.80	77	272792	38.41	nq	99
64) 4,6-Dinitro-2-methylphenol	11.67	198	34894	37.78	nq	99
65) n-Nitrosodiphenylamine	11.76	169	265478	39.67	nq	99
66) 4-Bromophenyl-phenylether	12.21	248	84456	39.38	nq	99
67) Hexachlorobenzene	12.27	284	91347	38.76	nq	100
68) Atrazine	12.43	200	76146	40.60	nq	100
69) Pentachlorophenol	12.52	266	44769	37.95	nq	99
70) Phenanthrene	12.79	178	449569	38.96	nq	99
71) Anthracene	12.84	178	431795	37.88	nq	100
72) Carbazole	13.05	167	408420	37.66	nq	100
73) Di-n-butylphthalate	13.51	149	464616	38.21	nq	100
74) Fluoranthene	14.26	202	478362	37.59	nq	99
76) Benzidine	14.44	184	187378	37.05	nq	98
77) Pyrene	14.53	202	484208	37.70	nq	99
79) Butylbenzylphthalate	15.37	149	202351	39.96	nq	98
80) Benzo(a)anthracene	16.02	228	460673	38.05	nq	99
81) 3,3'-Dichlorobenzidine	16.00	252	150585	37.71	nq	97
82) Chrysene	16.07	228	422059	38.77	nq	100
83) Bis(2-ethylhexyl)phthalate	16.09	149	299743	39.08	nq	99
84) Di-n-octyl phthalate	16.87	149	496002	37.82	nq	100
85) Indeno(1,2,3-cd)pyrene	19.11	276	514013	37.83	nq	# 100
87) Benzo(b)fluoranthene	17.29	252	432487	34.13	nq	98
88) Benzo(k)fluoranthene	17.32	252	462653m	46.75	nq	
89) Benzo(a)pyrene	17.65	252	412398	39.01	nq	# 96
90) Dibenzo(a,h)anthracene	19.14	278	418012	39.86	nq	98
91) Benzo(g,h,i)perylene	19.52	276	416347	39.00	nq	98

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

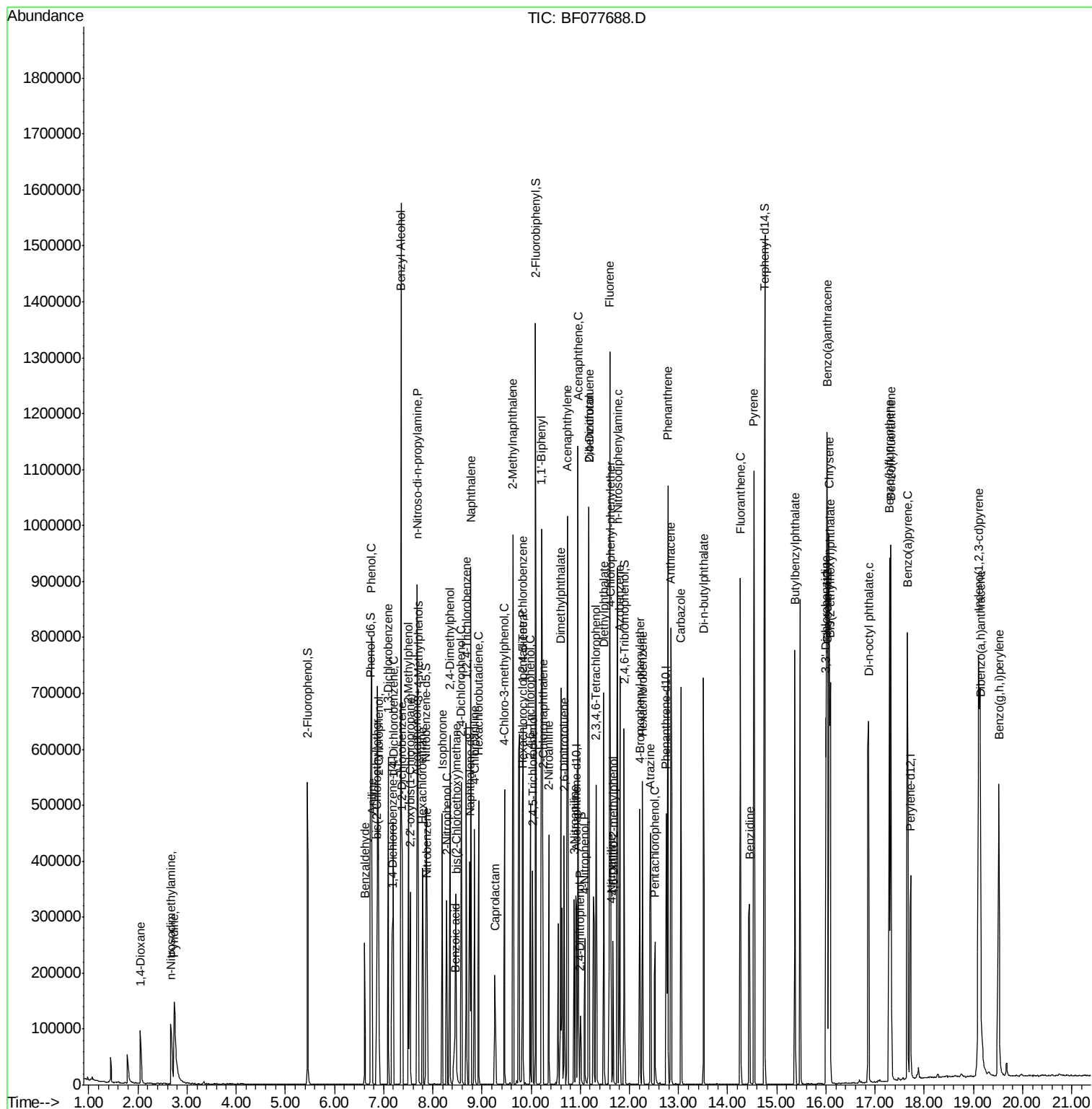
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\  
Data File : BF077688.D  
Acq On    : 11 Mar 2015   14:36  
Operator  : TP/IZ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```

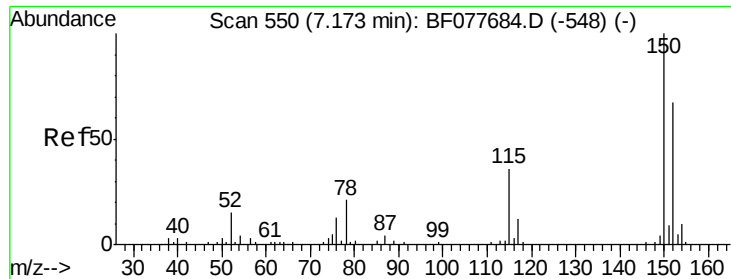
Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Manual Integrations APPROVED

mohammad
3/13/2015 9:40:15 AM

Quant Time: Mar 12 02:42:00 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

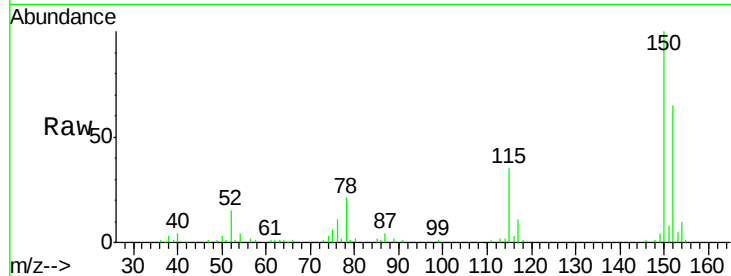
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

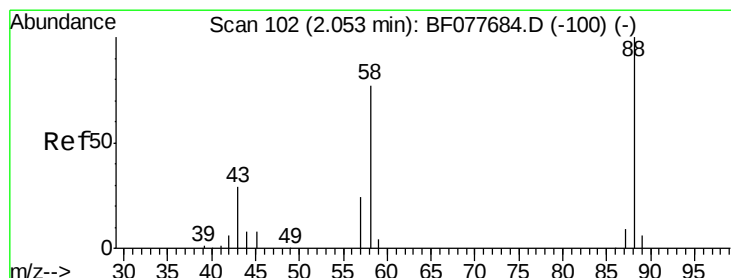
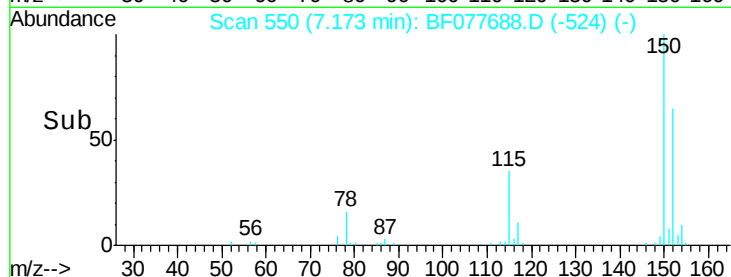
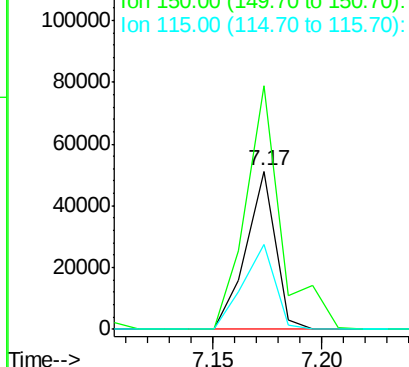
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	53.6	43.0	64.4

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



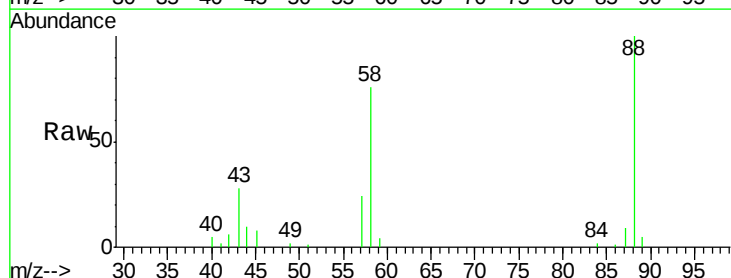
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



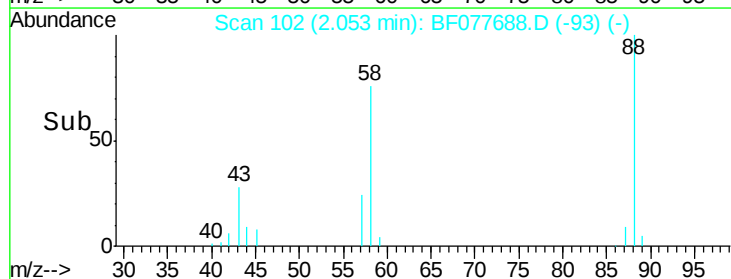
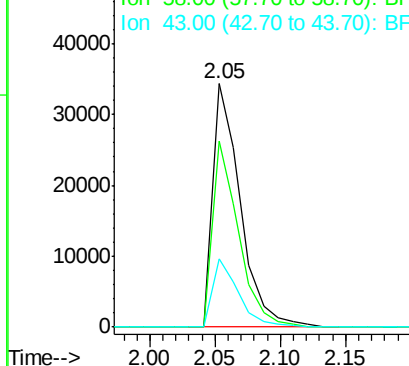
#2

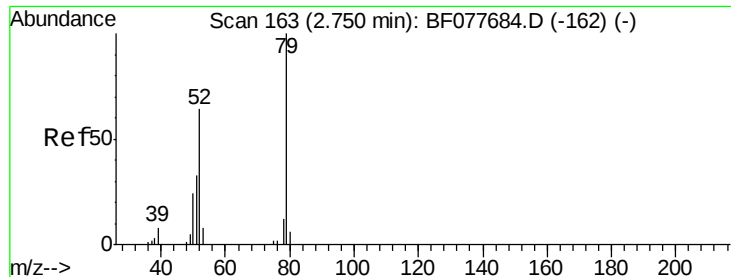
1,4-Dioxane
Concen: 40.60 ng
RT: 2.05 min Scan# 102
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	0.0	0.0#
43	26.4	0.0	0.0#



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





#3

Pvridine

Concen: 45.73 ng

RT: 2.74 min Scan# 162

Delta R.T. -0.01 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

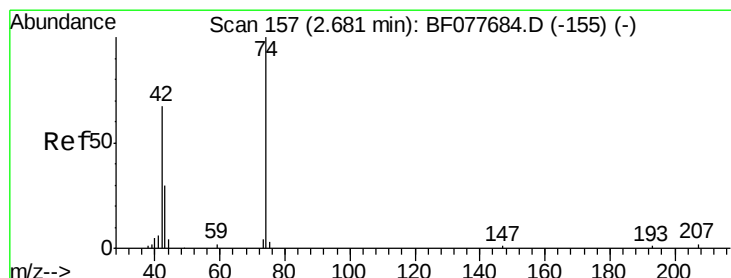
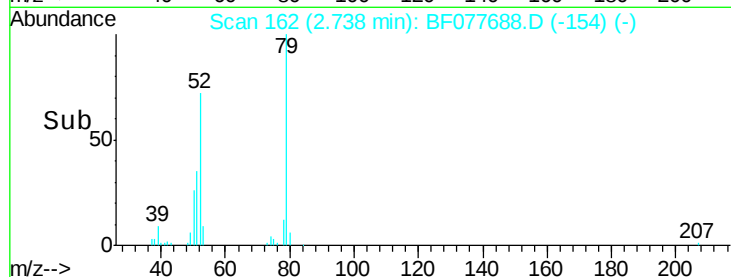
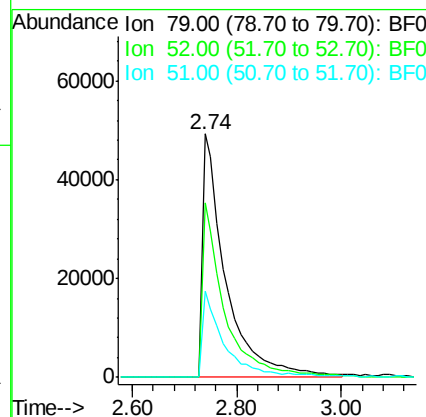
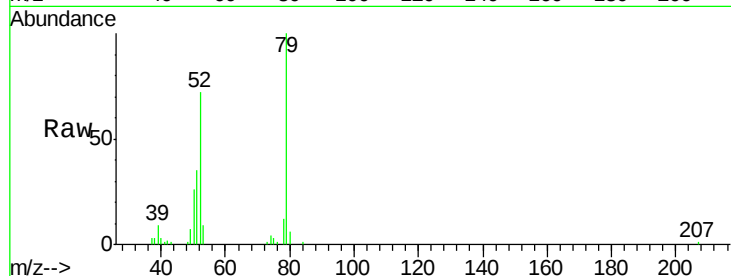
ClientSampleId :

ICVBF031115

Tot Ion:	79	Resp:	153106
Ion Ratio	Lower	Upper	
79	100		
52	71.9	51.1	76.7
51	35.4	26.1	39.1

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#4

n-Nitrosodimethylamine

Concen: 41.28 ng

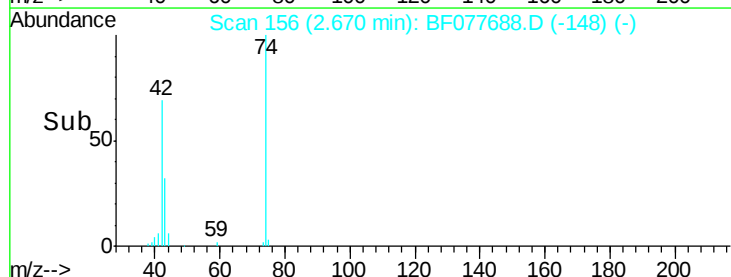
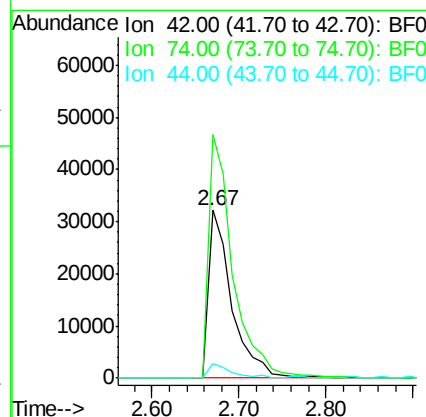
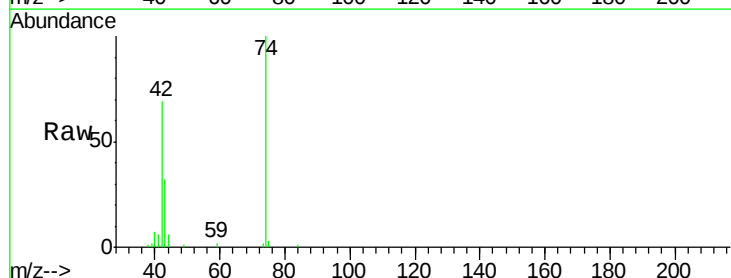
RT: 2.67 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	42	Resp:	60178
Ion Ratio	Lower	Upper	
42	100		
74	145.1	119.3	178.9
44	8.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 77.83 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

ClientSampleId :

ICVBF031115

Tot Ion: 112 Resp: 213593
Ion Ratio Lower Upper

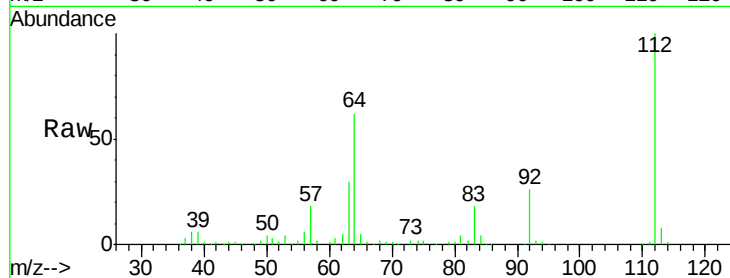
112 100

64 62.2 38.6 57.8#

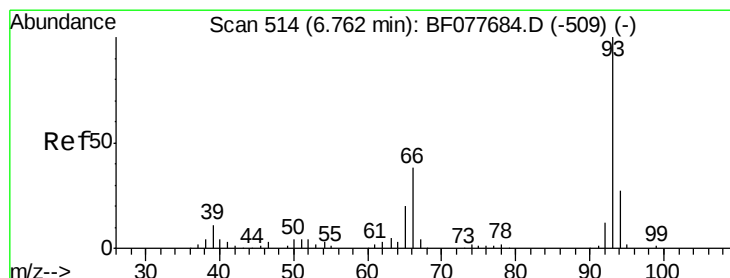
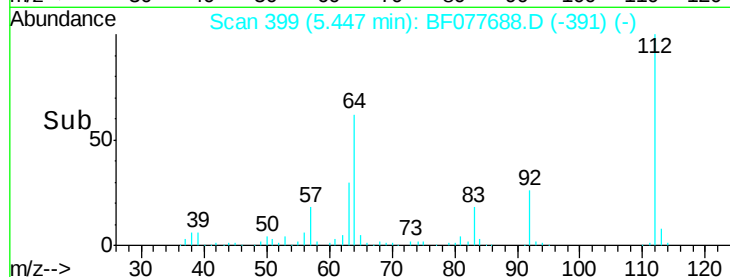
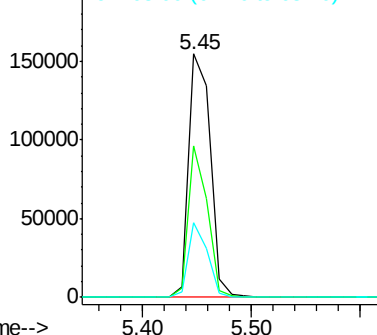
63 30.5 19.3 28.9#

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.66 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077688.D

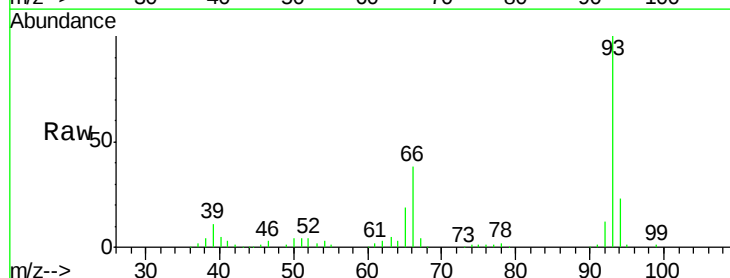
Acq: 11 Mar 2015 14:36

Tgt Ion: 93 Resp: 192354
Ion Ratio Lower Upper

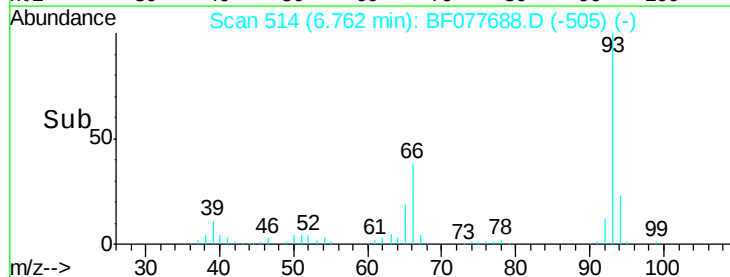
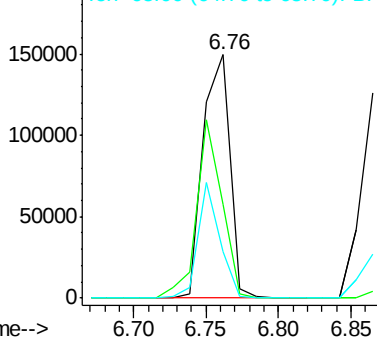
93 100

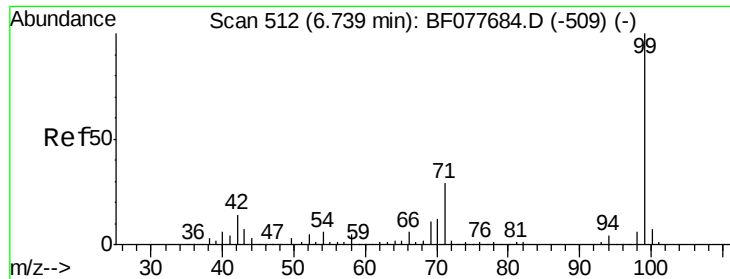
66 38.3 30.8 46.2

65 19.0 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.47 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

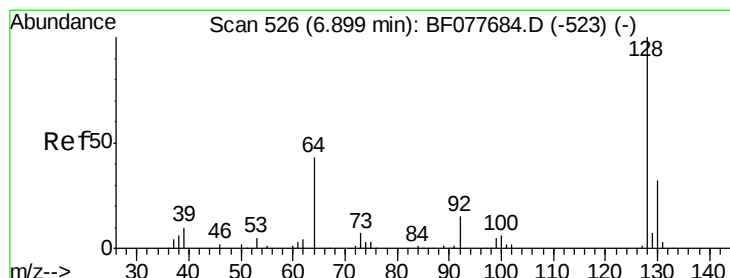
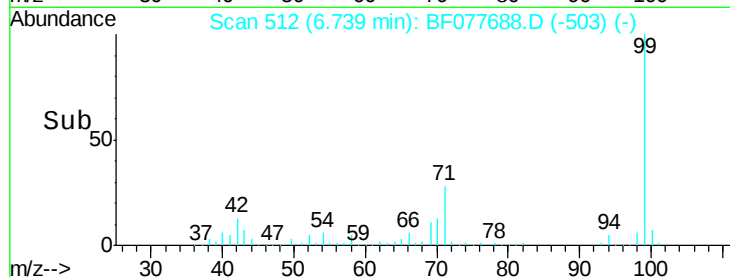
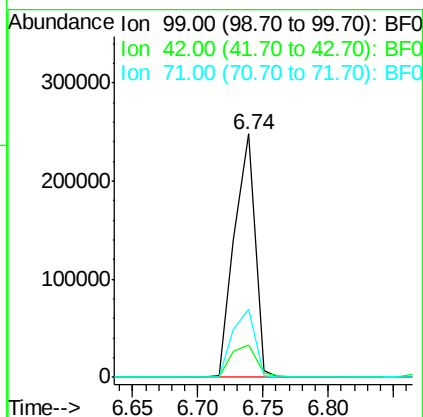
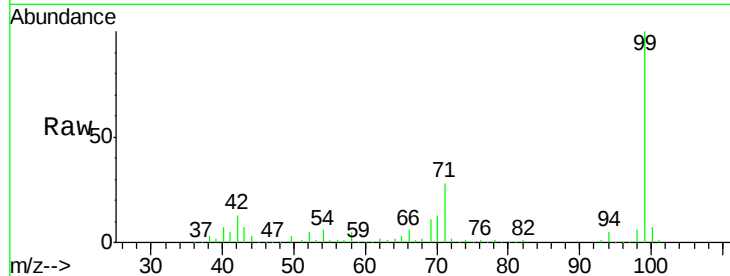
ClientSampleId :

ICVBF031115

Tot Ion:	99	Resp:	272865
Ion Ratio	Lower	Upper	
99	100		
42	13.1	11.0	16.4
71	28.2	23.4	35.2

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#8

2-Chlorophenol

Concen: 38.65 ng

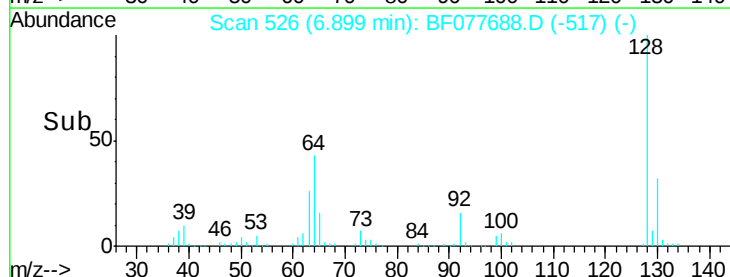
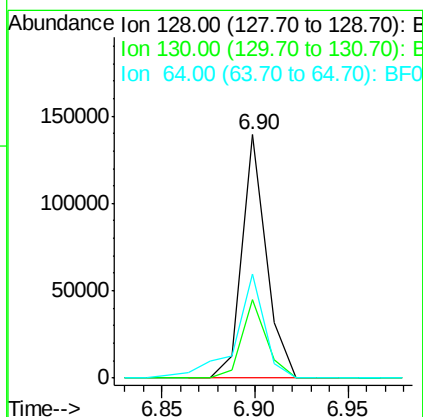
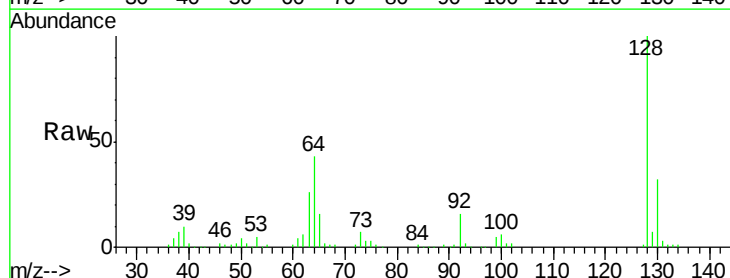
RT: 6.90 min Scan# 526

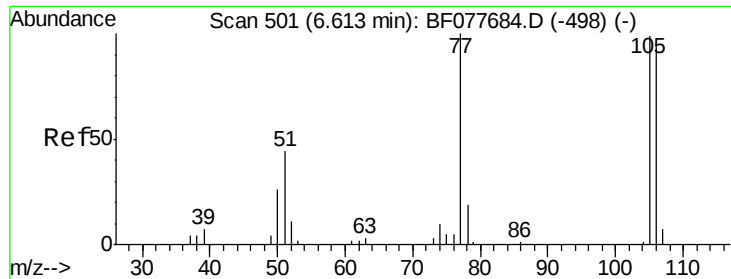
Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	128	Resp:	126261
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.0	52.0
64	42.8	24.9	64.9





#9

Benzaldehyde

Concen: 38.93 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

ClientSampleId :

ICVBF031115

Tot Ion: 77 Resp: 54078

Ion Ratio Lower Upper

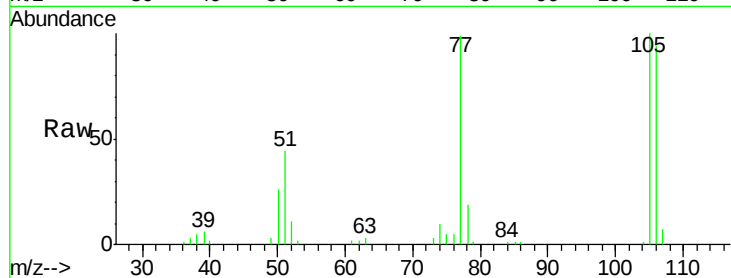
77 100

105 100.8 78.8 118.8

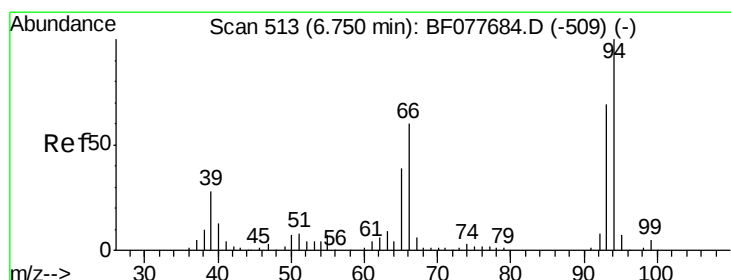
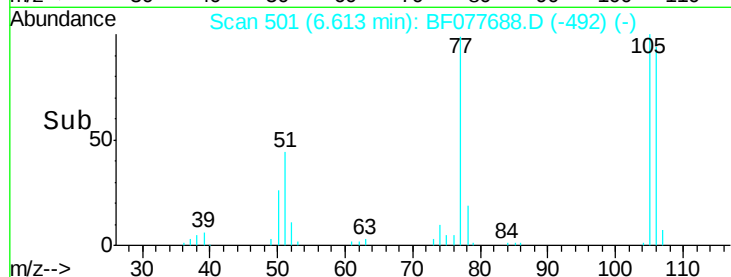
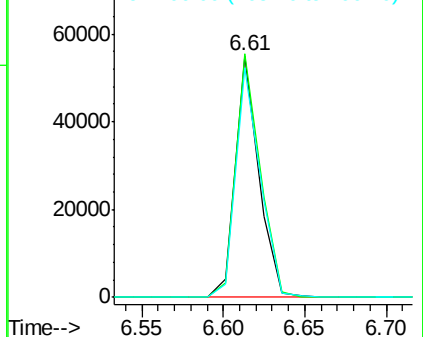
106 95.1 73.7 113.7

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.76 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

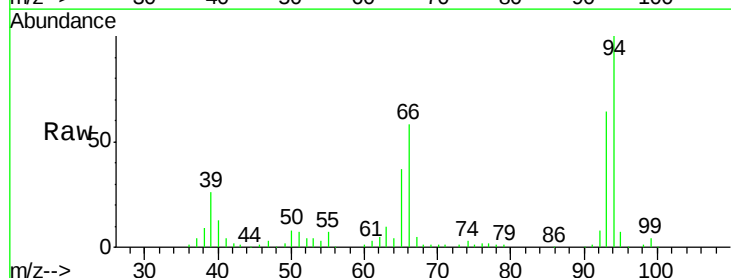
Tgt Ion: 94 Resp: 163378

Ion Ratio Lower Upper

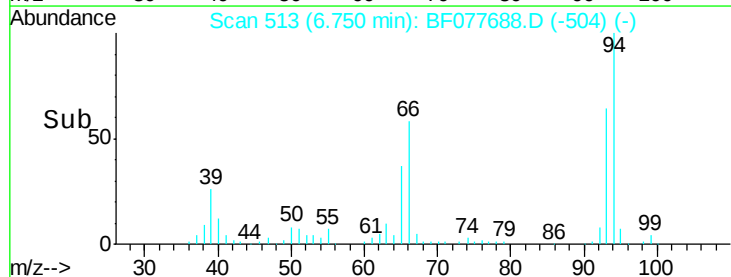
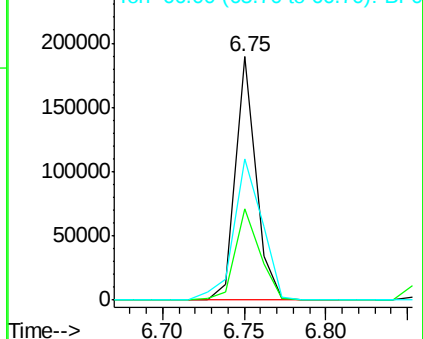
94 100

65 37.3 18.8 58.8

66 58.0 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





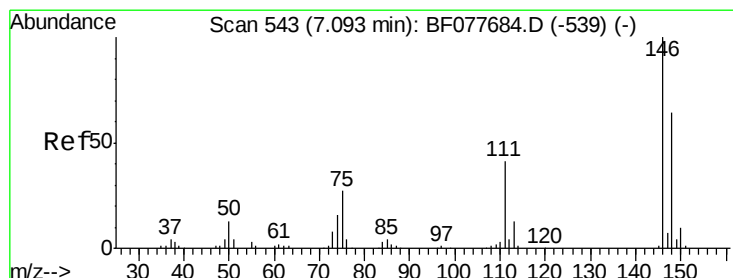
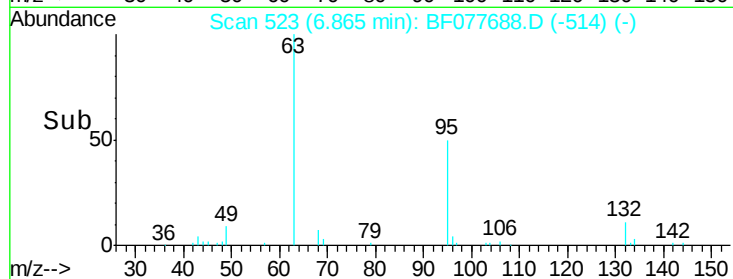
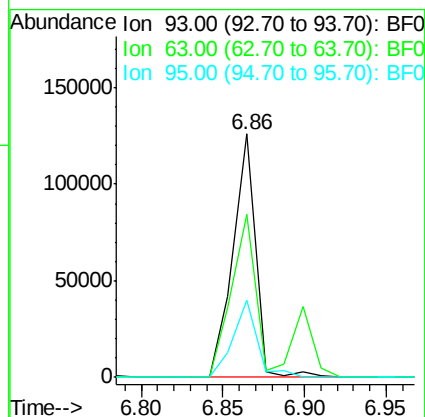
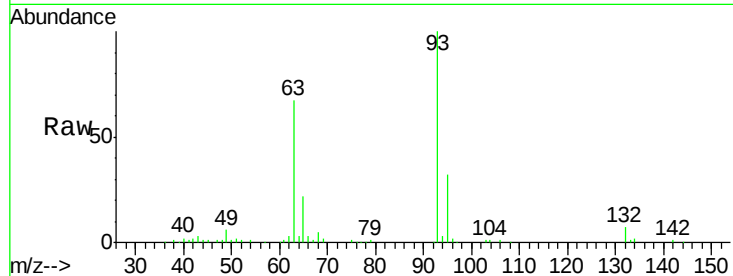
#11
bis(2-Chloroethyl)ether
Concen: 40.32 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	66.7	49.5	89.5
95	31.8	13.5	53.5

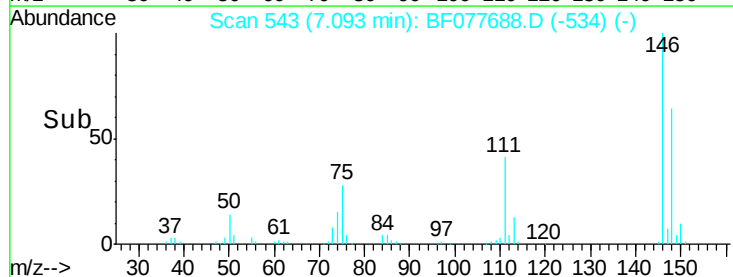
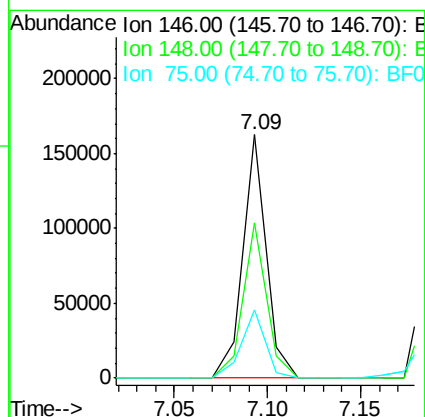
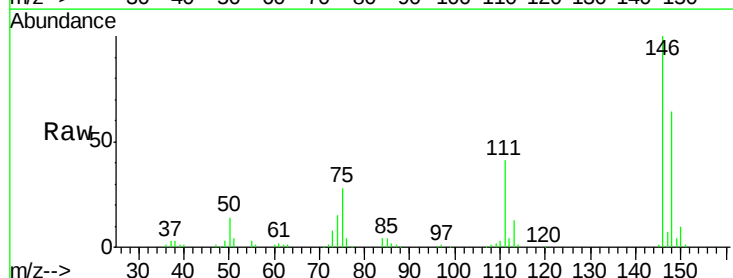
Manual Integrations
APPROVED

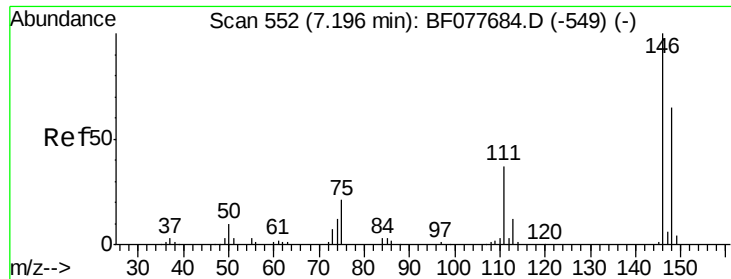
mohammad
3/13/2015 9:40:15 AM



#12
1,3-Dichlorobenzene
Concen: 39.29 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	50.9	76.3
75	27.9	21.4	32.2





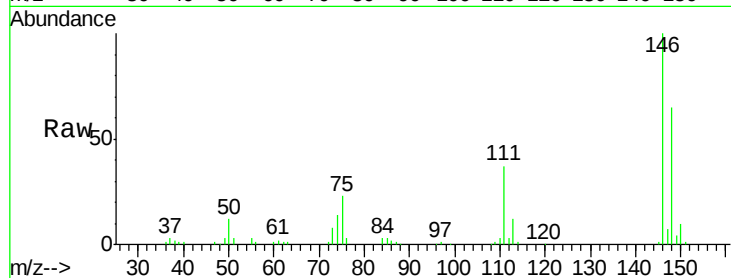
#13
 1,4-Dichlorobenzene
 Concen: 38.55 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

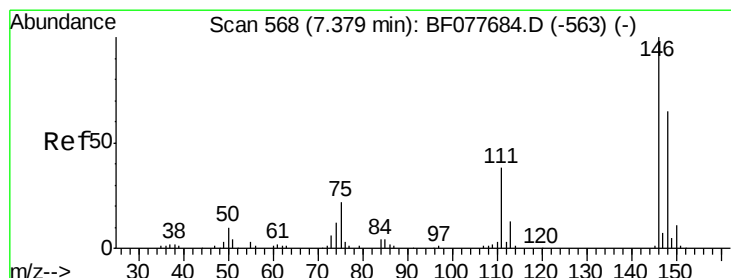
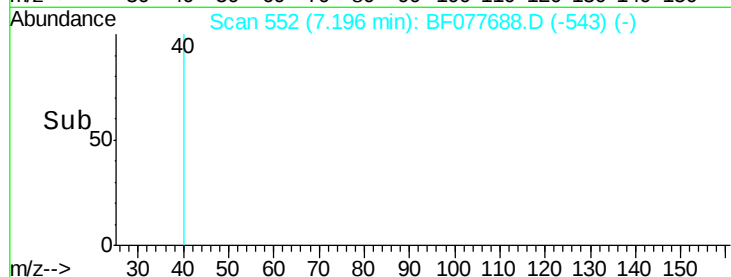
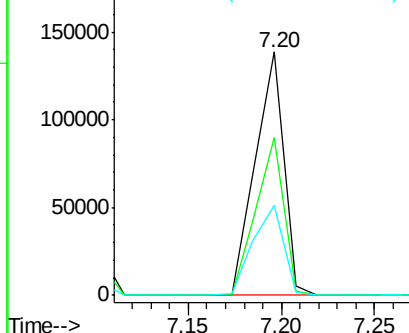
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	37.1	29.2	43.8

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

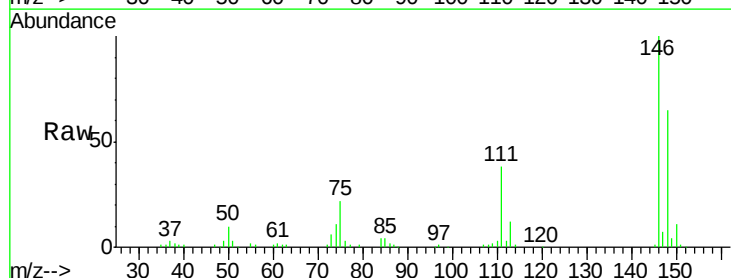


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

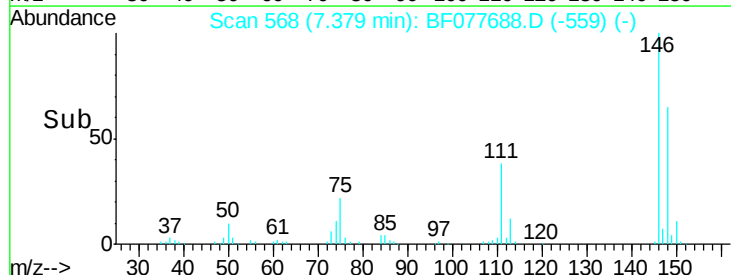
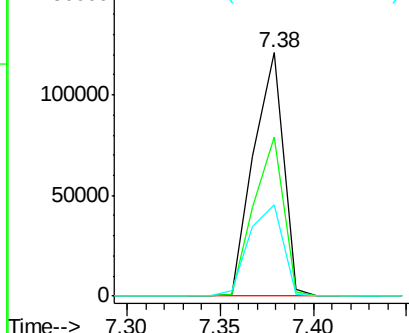


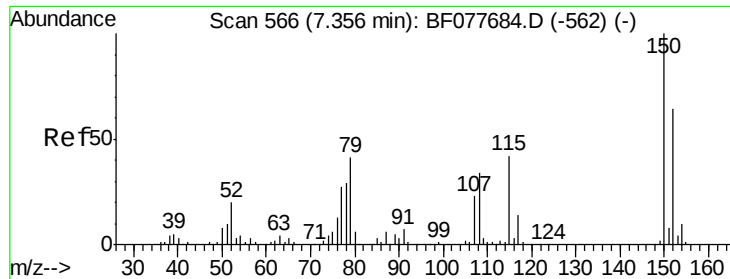
#14
 1,2-Dichlorobenzene
 Concen: 38.49 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	37.7	30.6	45.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





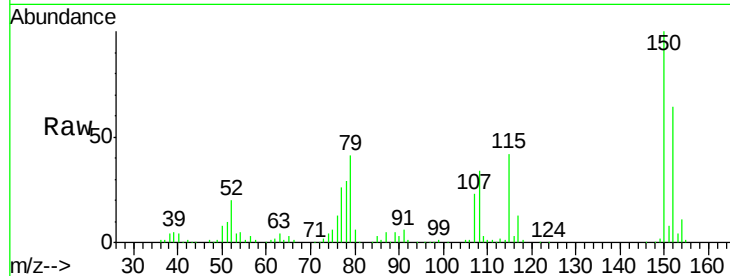
#15
Benzyl Alcohol
Concen: 40.26 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

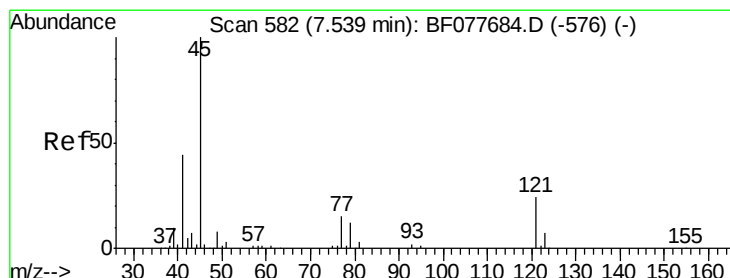
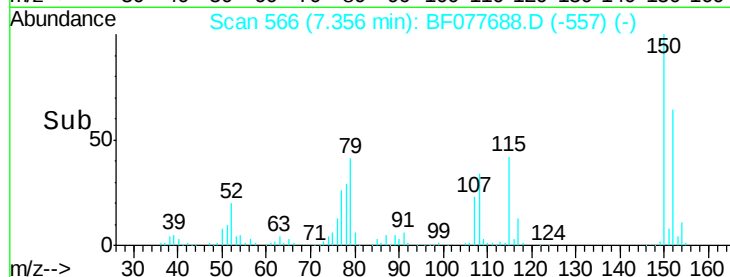
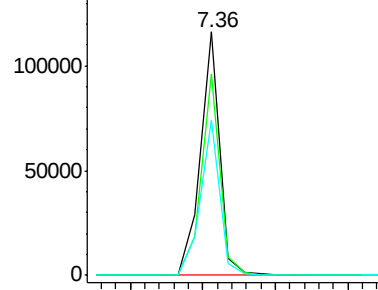
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	65.0	97.4
77	63.9	53.0	79.6

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM

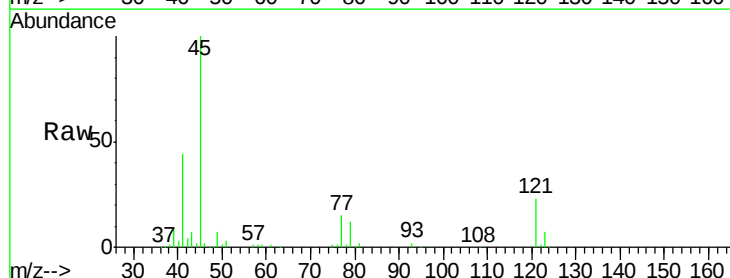


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

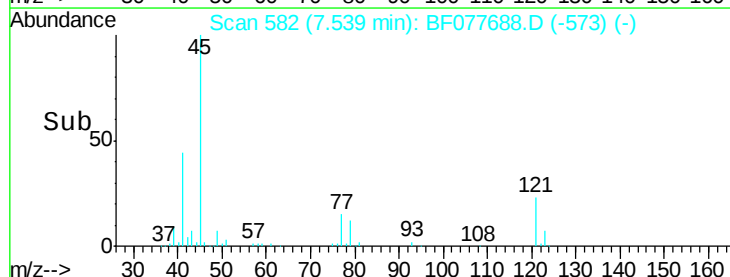
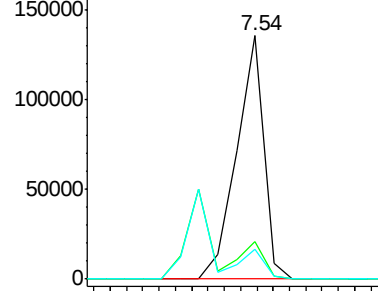


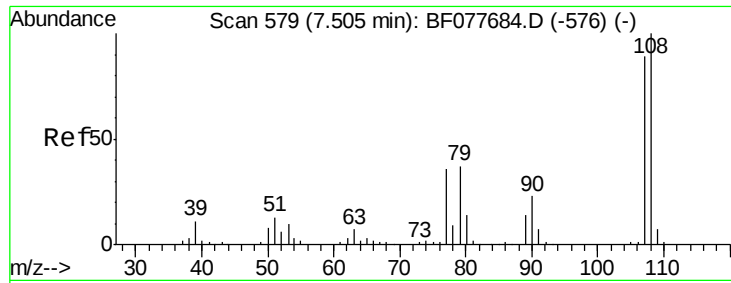
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.94 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.2
79	12.1	0.0	32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





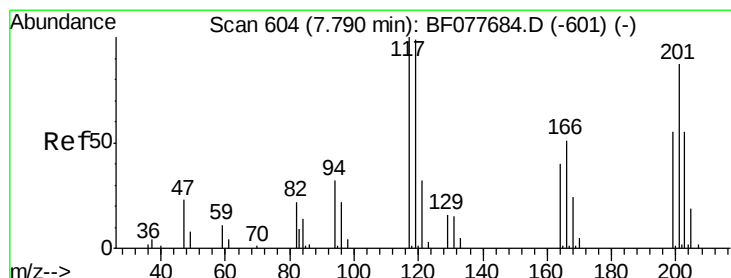
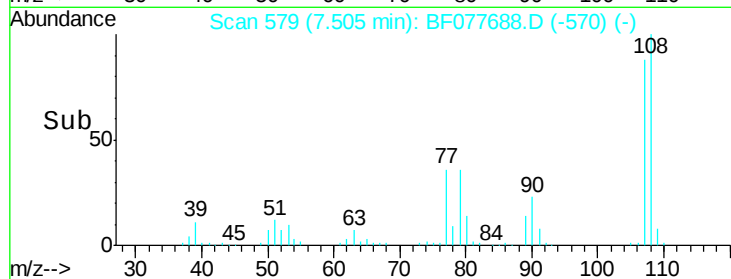
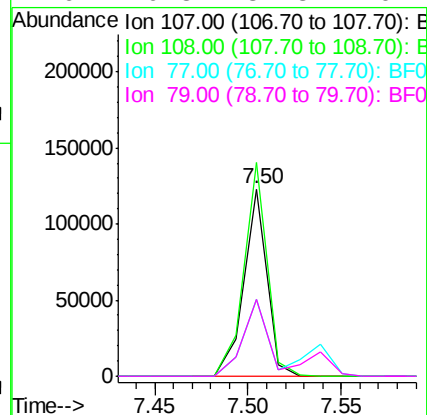
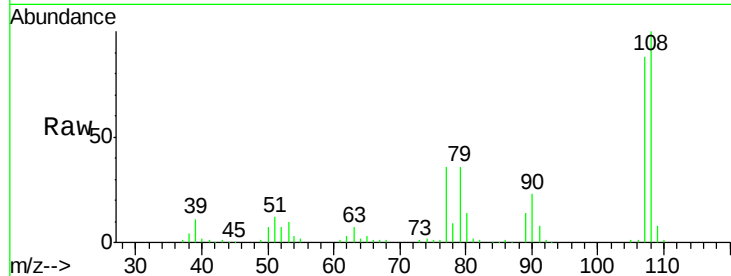
#17
2-Methylphenol
Concen: 40.00 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	89.8	134.8	
77	41.0	32.6	48.8	
79	40.8	32.8	49.2	

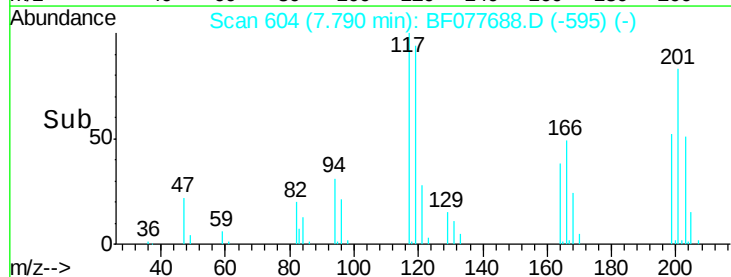
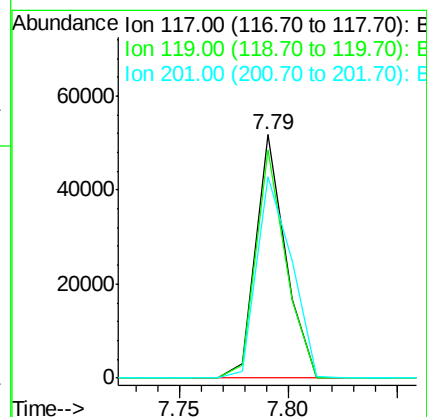
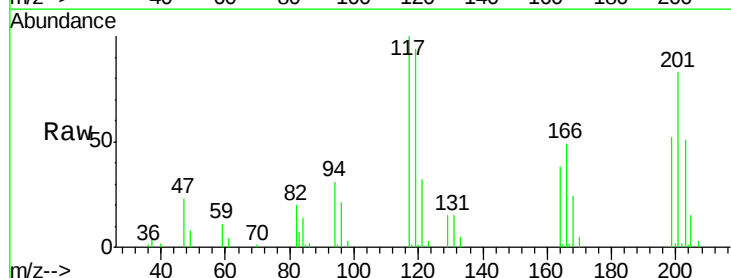
Manual Integrations
APPROVED

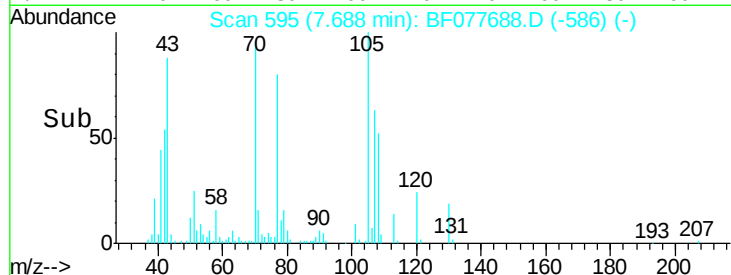
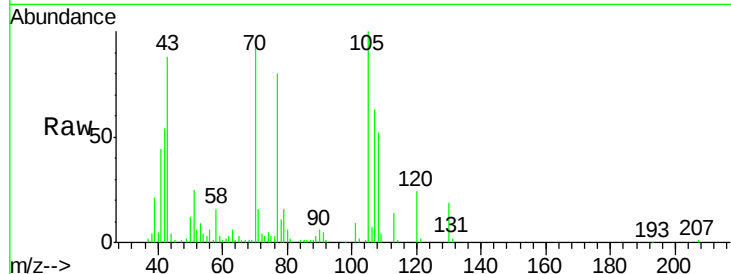
mohammad
3/13/2015 9:40:15 AM



#18
Hexachloroethane
Concen: 39.64 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	79.2	118.8	
201	82.6	69.8	104.6	





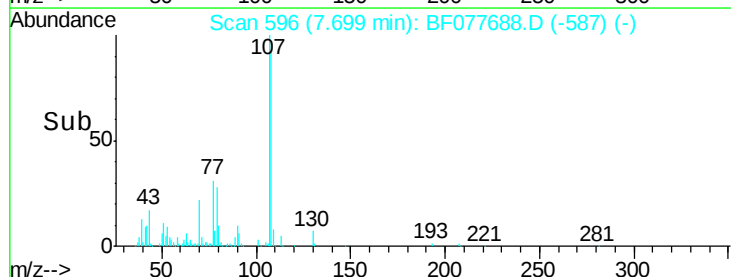
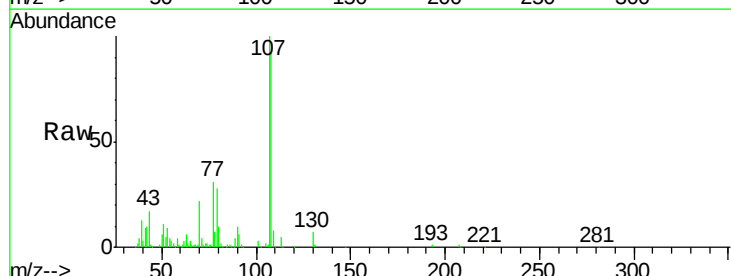
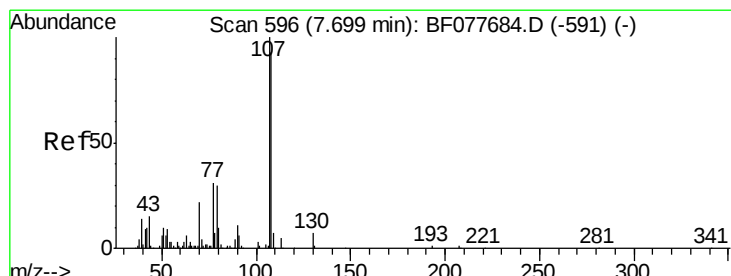
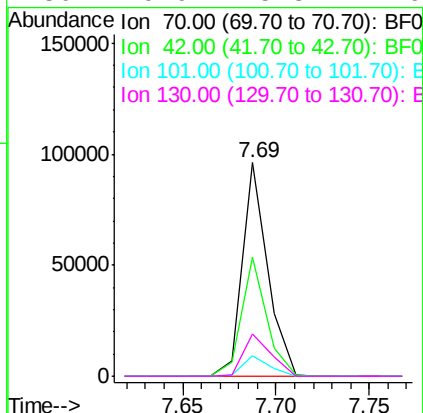
#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Manual Integrations
APPROVED

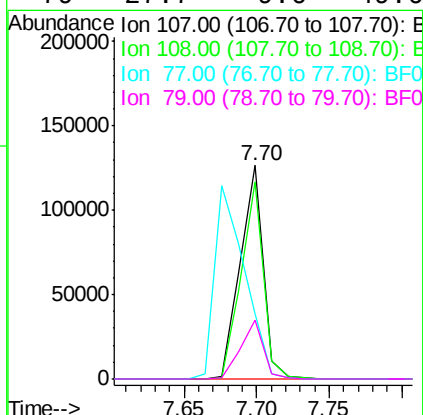
mohammad
3/13/2015 9:40:15 AM

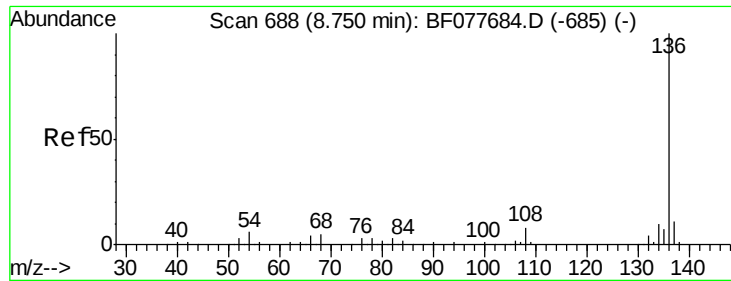
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	44.5	66.7	
101	9.8	7.4	11.2	
130	19.9	15.3	22.9	



#20
3+4-Methylphenols
Concen: 39.93 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	73.2	113.2	
77	30.8	10.7	50.7	
79	27.7	9.6	49.6	





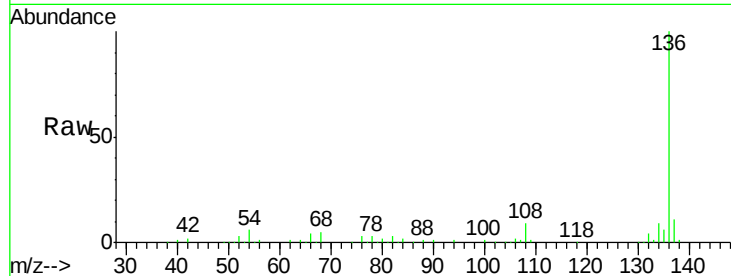
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

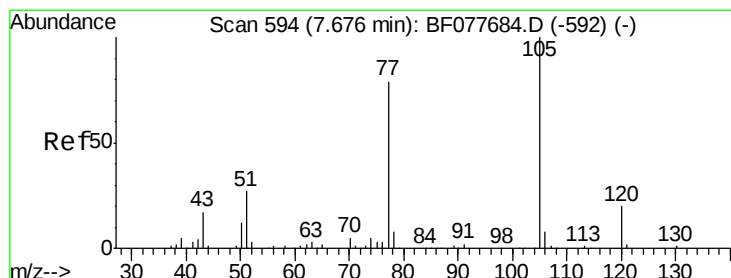
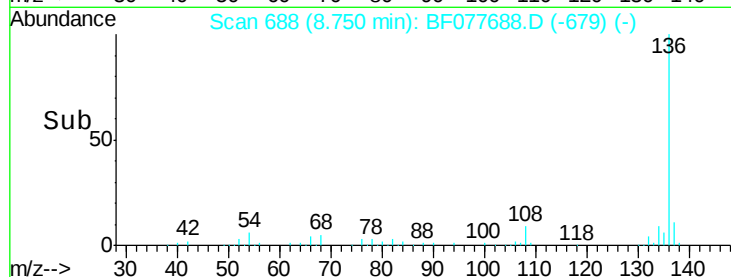
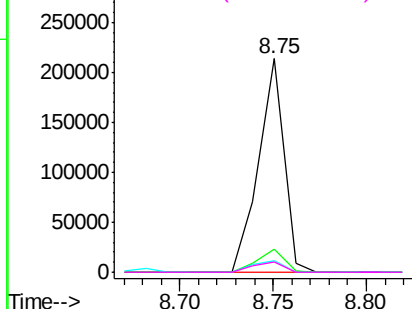
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		201348		
137	10.6		8.7	13.1	
54	5.6		4.6	6.8	
68	4.8		3.7	5.5	

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



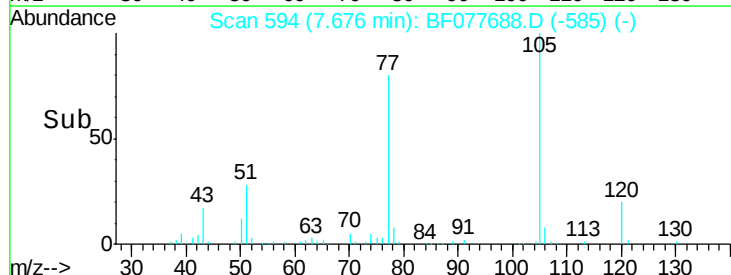
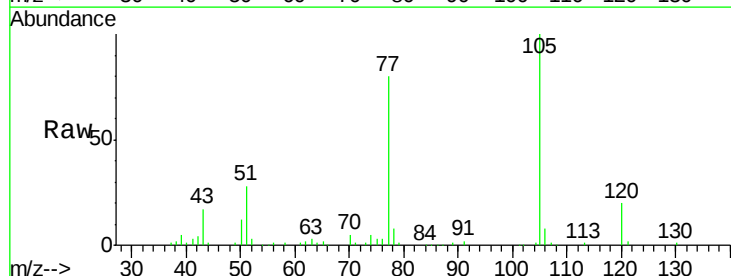
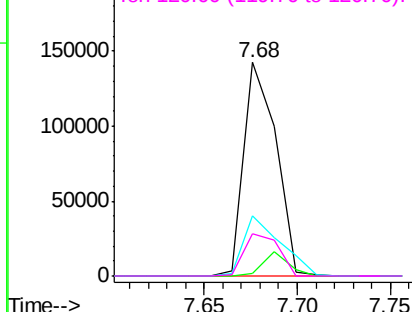
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.28 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		170647		
71	0.9		0.6	1.0	
51	28.2		21.6	32.4	
120	20.0		16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





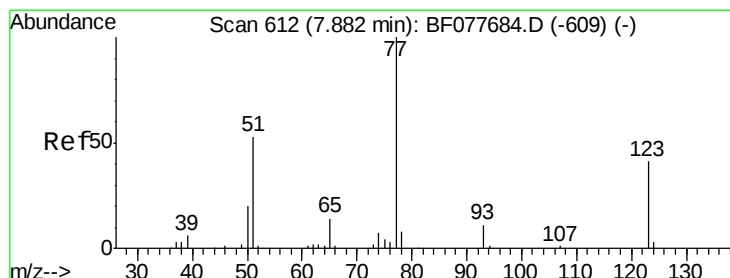
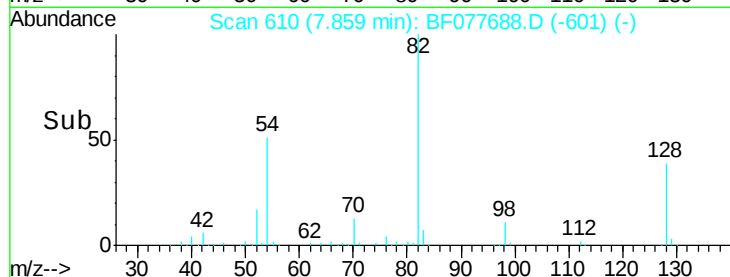
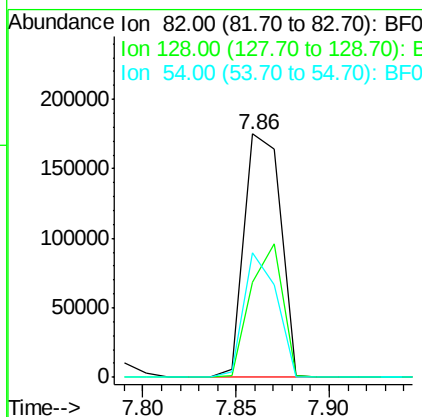
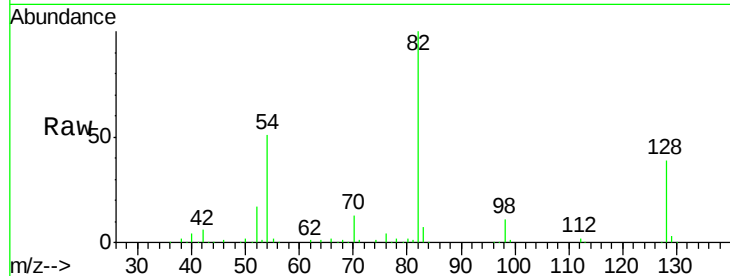
#23
Nitrobenzene-d5
Concen: 77.44 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
82	100	237857		
128	39.3		32.8	49.2
54	51.1		40.6	60.8

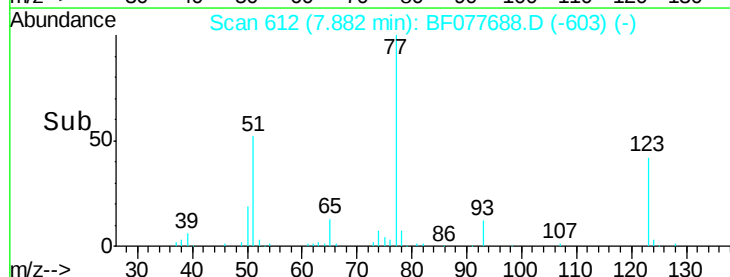
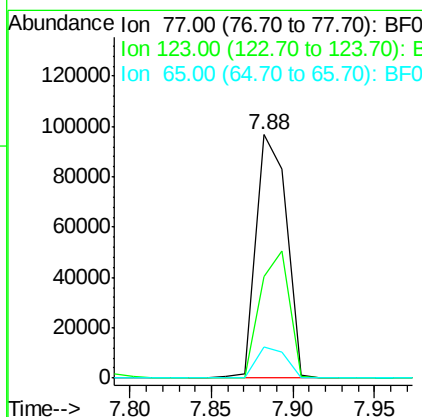
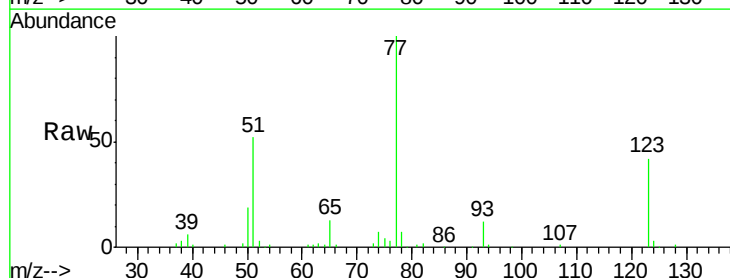
Manual Integrations
APPROVED

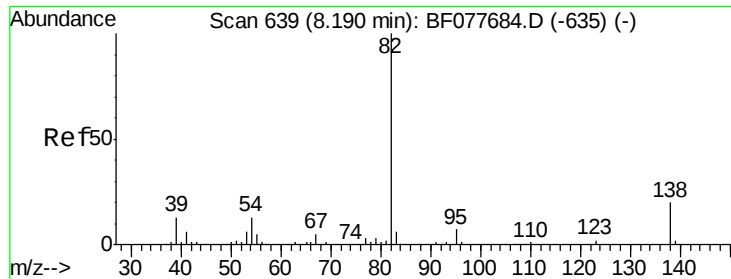
mohammad
3/13/2015 9:40:15 AM



#24
Nitrobenzene
Concen: 37.90 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	125425		
123	41.6		32.6	49.0
65	13.0		10.9	16.3





#25

Isophorone

Concen: 38.82 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

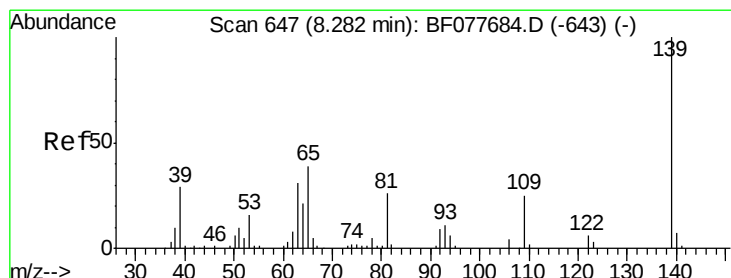
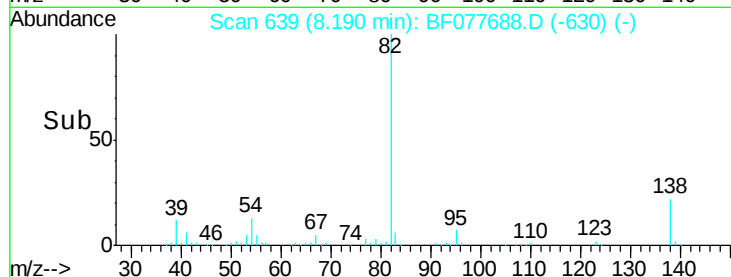
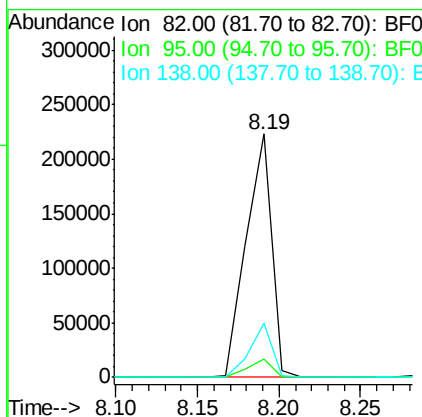
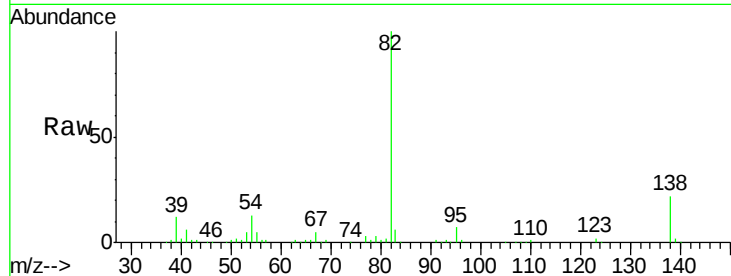
ClientSampleId :

ICVBF031115

Tot Ion:	82	Resp:	240811
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.8	8.6
138	22.2	16.3	24.5

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#26

2-Nitrophenol

Concen: 41.42 ng

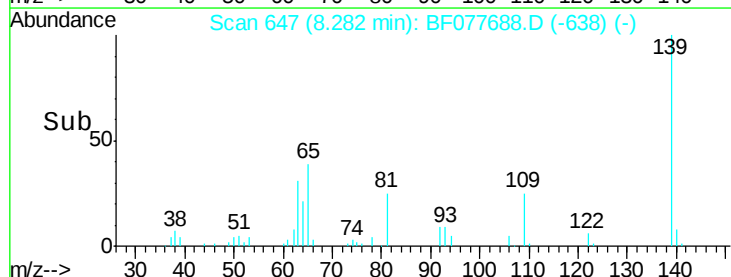
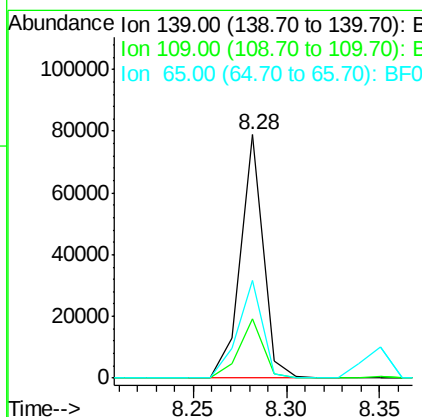
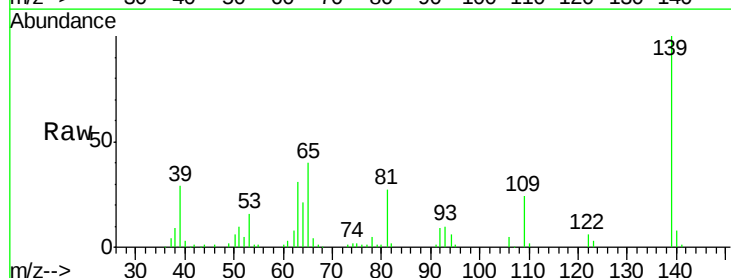
RT: 8.28 min Scan# 647

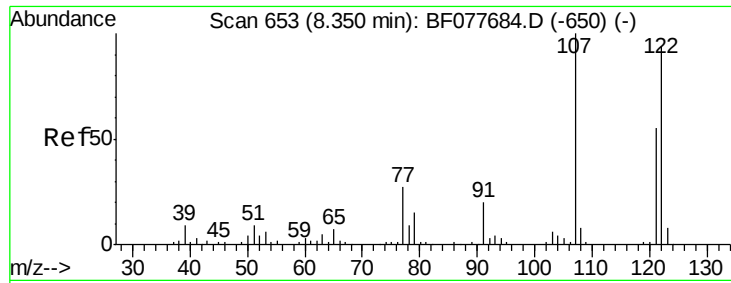
Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	139	Resp:	67099
Ion Ratio		Lower	Upper
139	100		
109	24.4	20.1	30.1
65	40.1	31.5	47.3





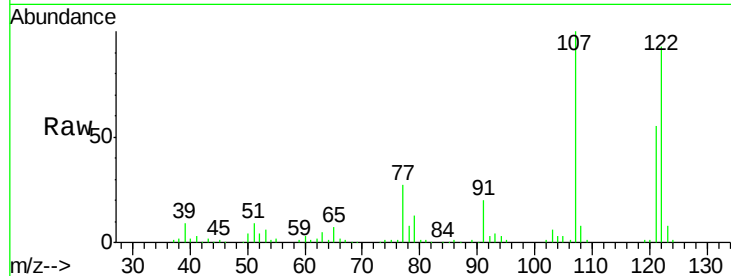
#27
 2,4-Dimethylphenol
 Concen: 39.87 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

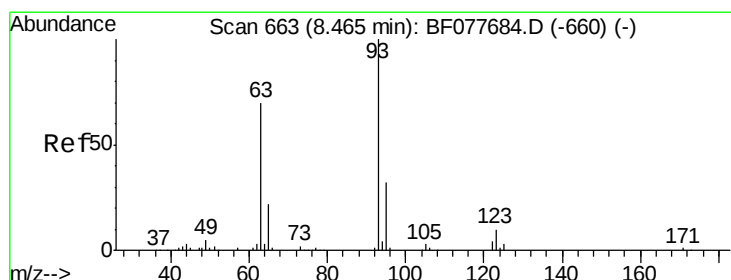
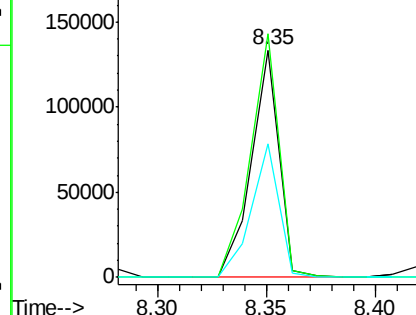
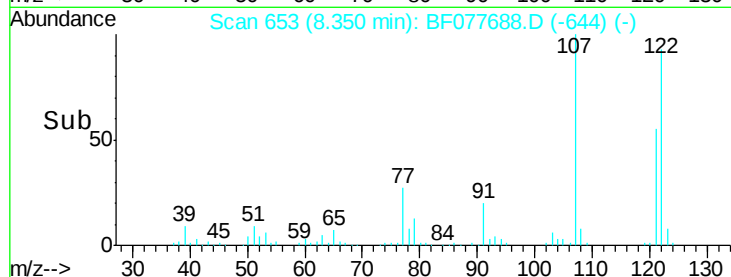
Tot Ion	Ratio	Resp	Lower	Upper
122	100	117669		
107	107.1	84.7	127.1	
121	58.8	46.6	69.8	

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

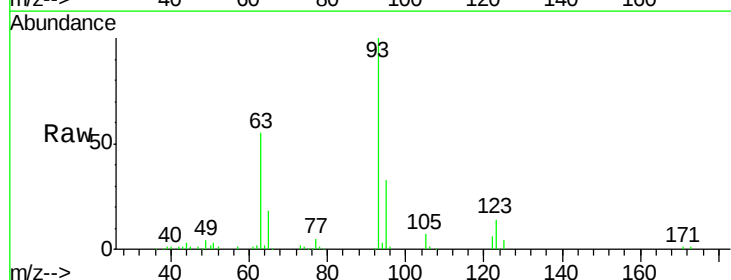


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

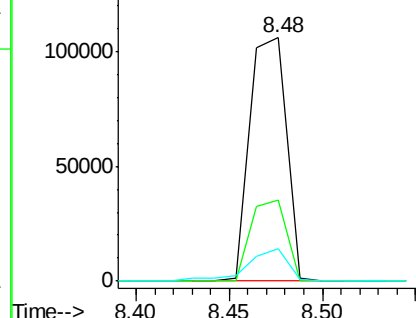
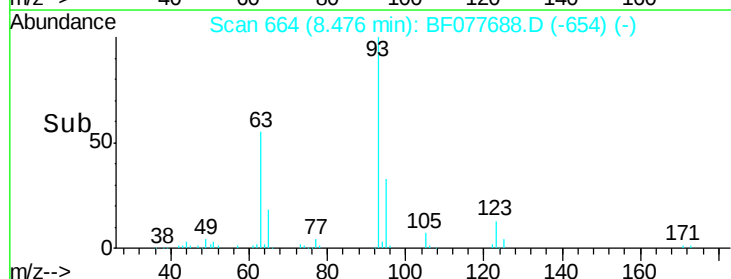


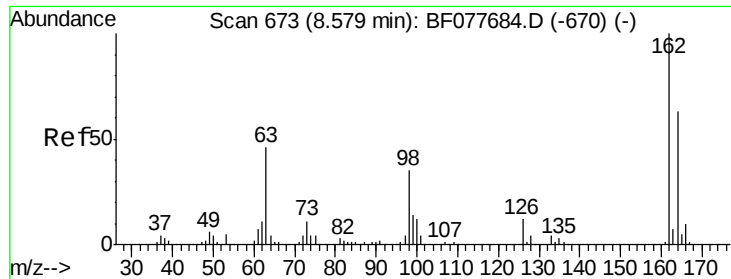
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.29 ng
 RT: 8.48 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	144169		
95	33.3	25.5	38.3	
123	13.5	8.6	13.0#	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





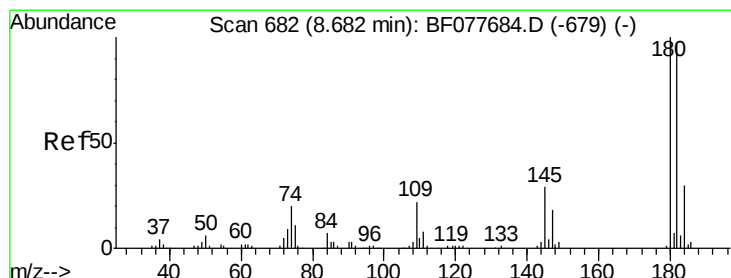
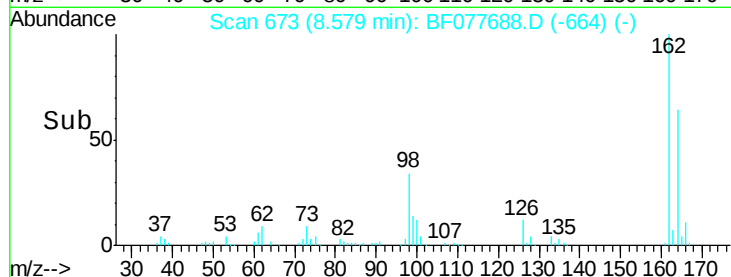
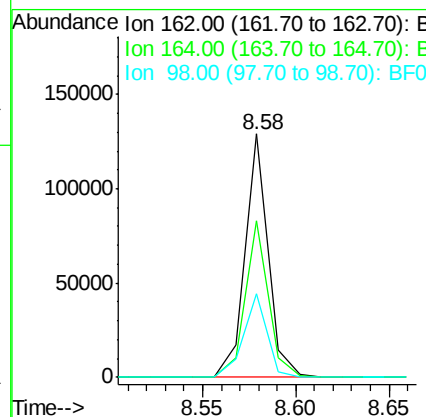
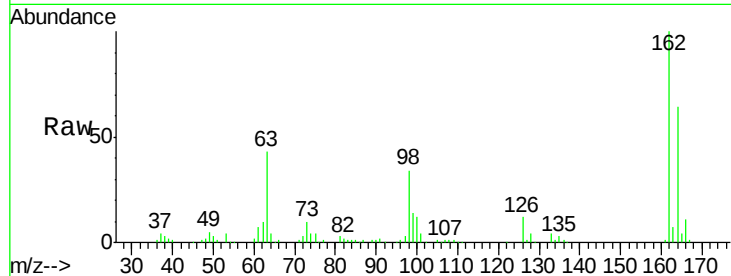
#29
 2,4-Dichlorophenol
 Concen: 39.66 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	42.8	82.8
98	34.3	14.5	54.5

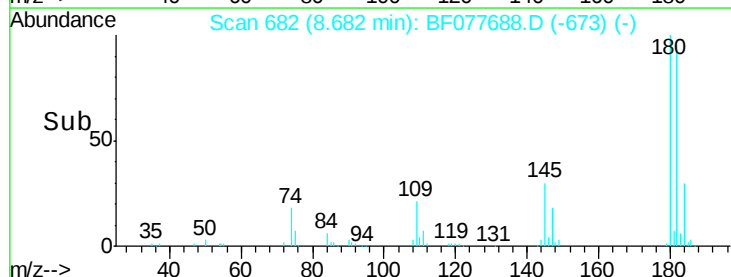
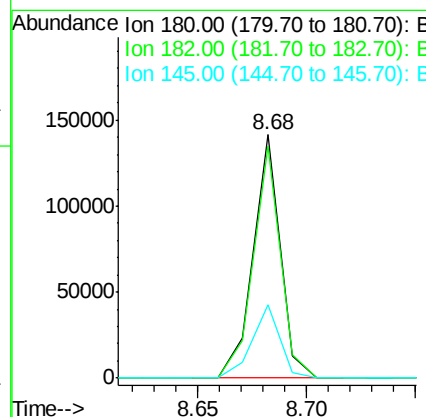
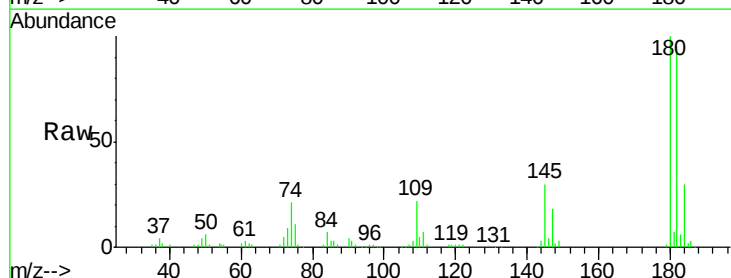
Manual Integrations
 APPROVED

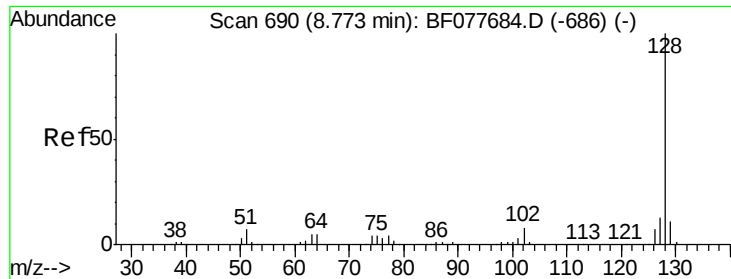
mohammad
 3/13/2015 9:40:15 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.87 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	77.6	116.4
145	30.4	23.4	35.2





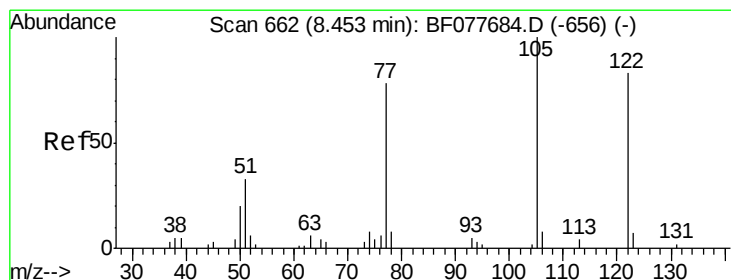
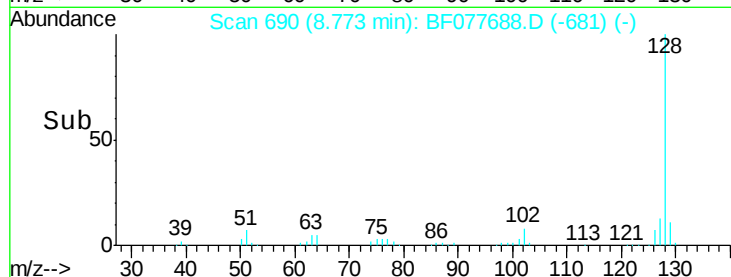
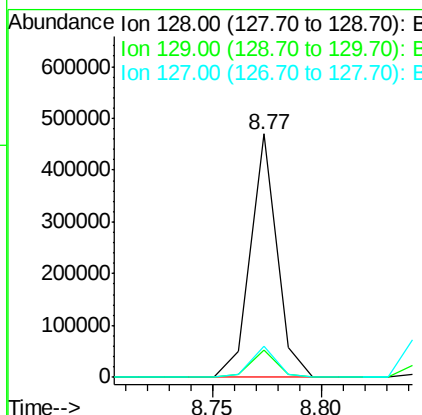
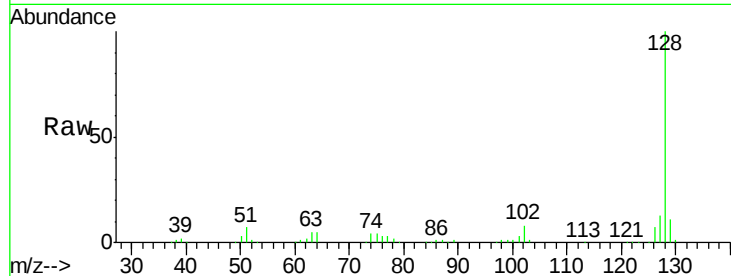
#31
Naphthalene
Concen: 38.29 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.9	13.3	
127	13.0	10.4	15.6	

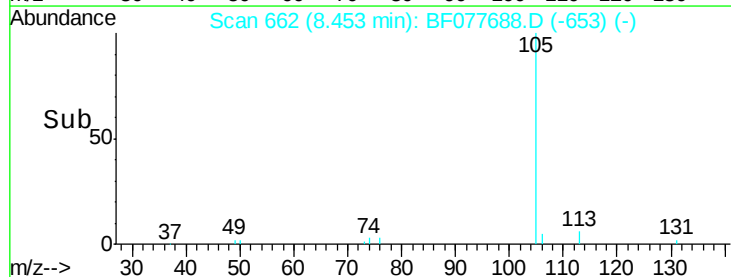
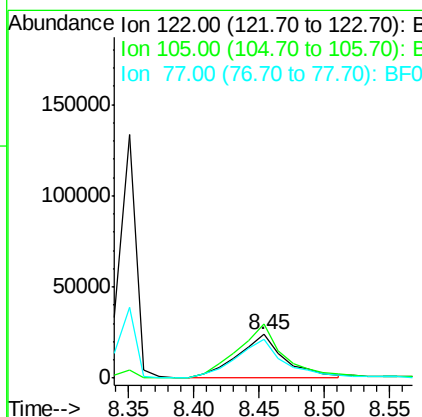
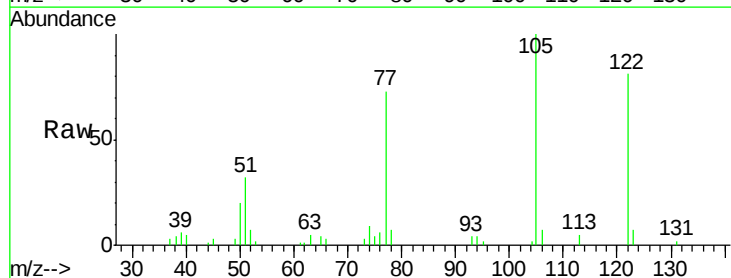
Manual Integrations
APPROVED

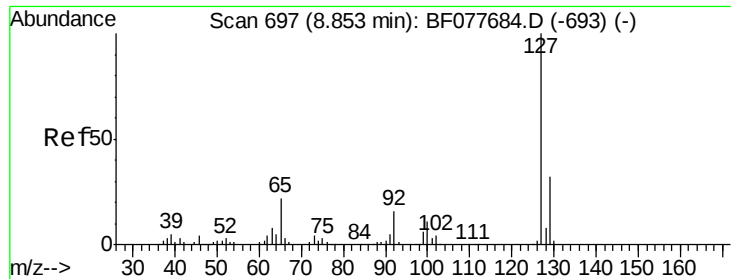
mohammad
3/13/2015 9:40:15 AM



#32
Benzoic acid
Concen: 37.96 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.3	99.9	139.9	
77	90.5	73.7	113.7	





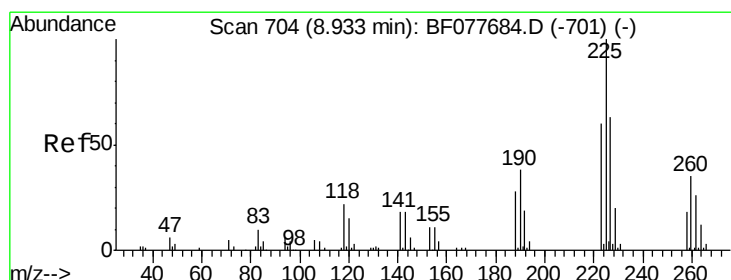
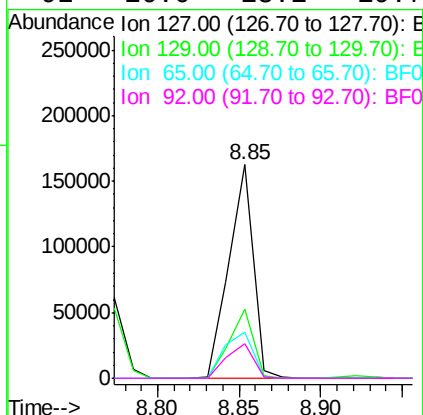
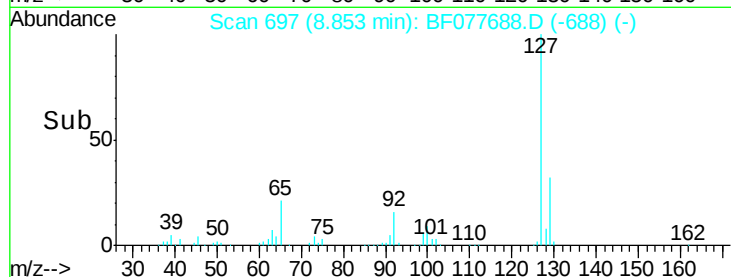
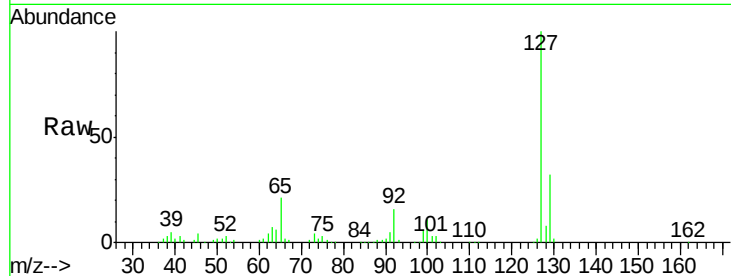
#33
4-Chloroaniline
Concen: 39.78 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.3	37.9		
65	21.4	17.6	26.4		
92	16.0	13.1	19.7		

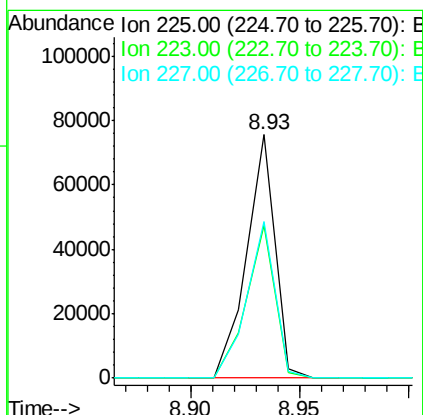
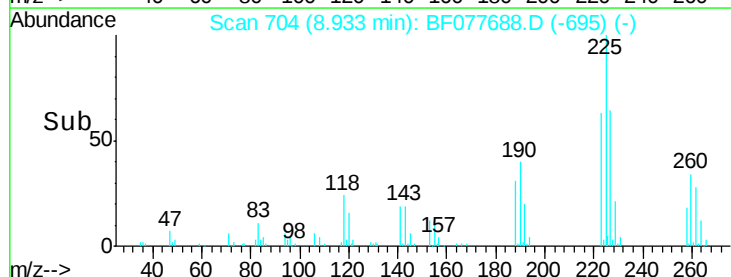
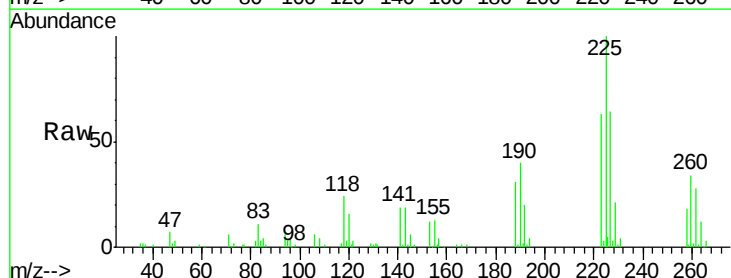
Manual Integrations
APPROVED

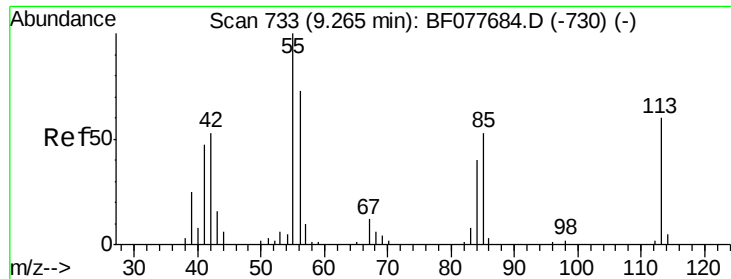
mohammad
3/13/2015 9:40:15 AM



#34
Hexachlorobutadiene
Concen: 38.32 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	47.9	71.9		
227	64.4	50.1	75.1		





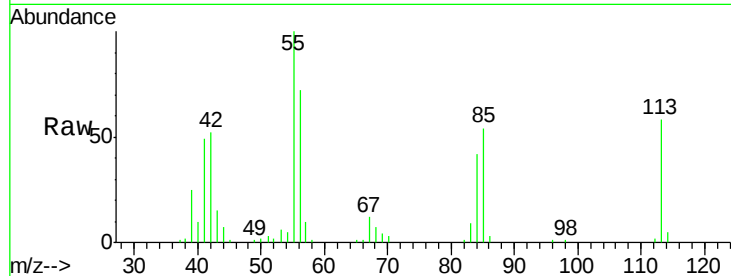
#35
Caprolactam
Concen: 39.10 ng
RT: 9.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

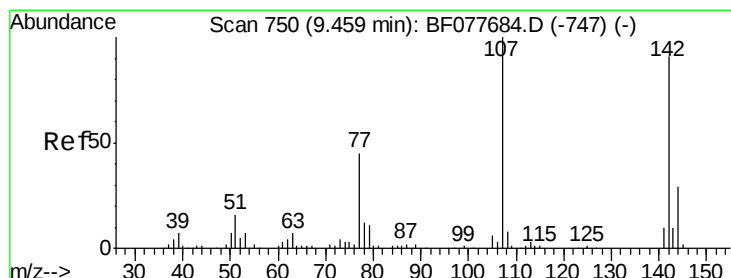
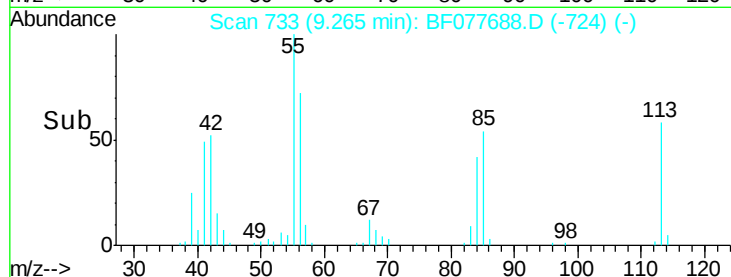
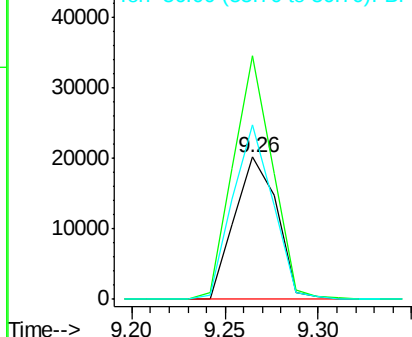
Tot Ion:113 Resp: 32149
Ion Ratio Lower Upper
113 100
55 171.1 145.9 185.9
56 123.1 101.0 141.0

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM

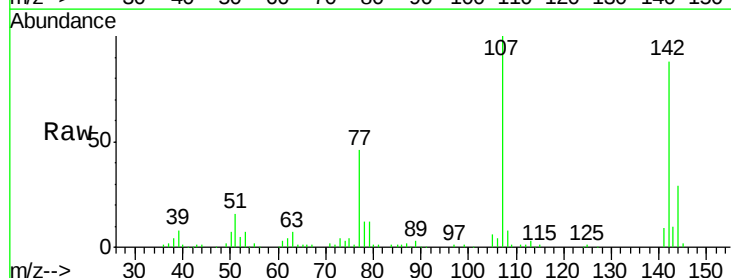


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

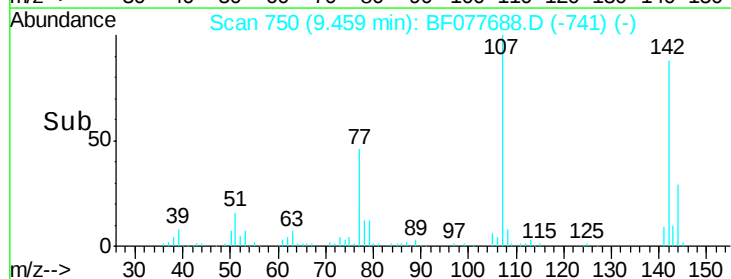
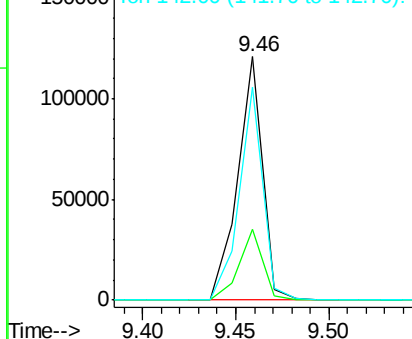


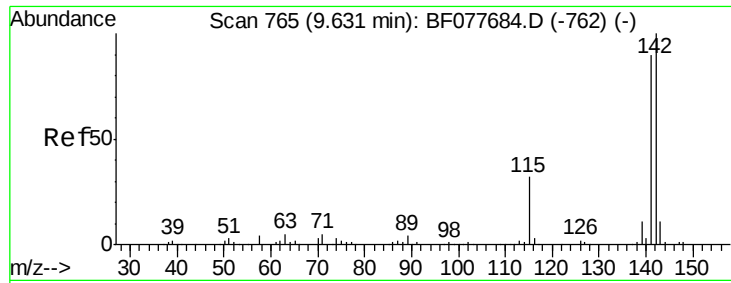
#36
4-Chloro-3-methylphenol
Concen: 40.06 ng
RT: 9.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion:107 Resp: 113386
Ion Ratio Lower Upper
107 100
144 29.0 23.3 34.9
142 87.7 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





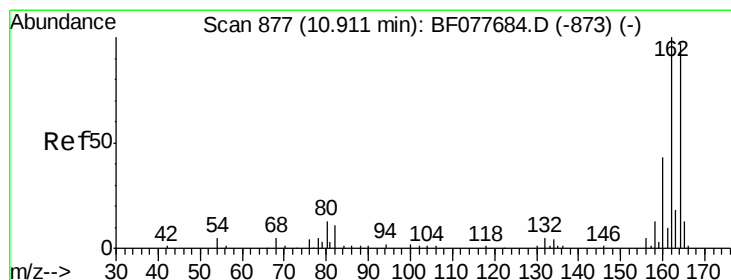
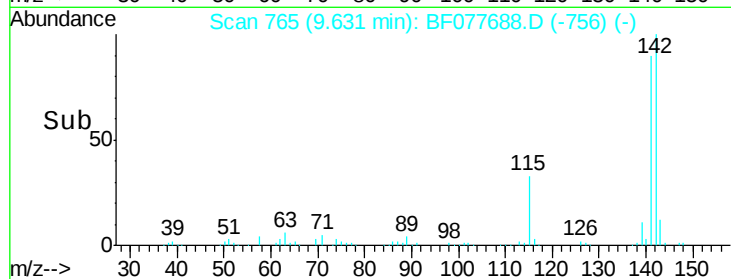
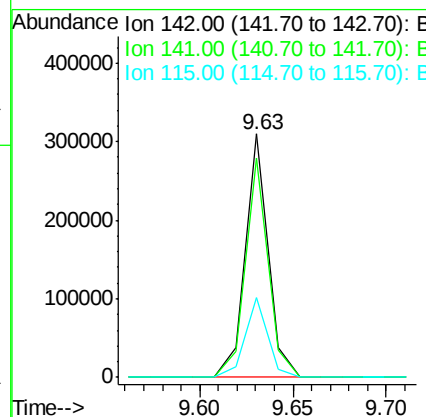
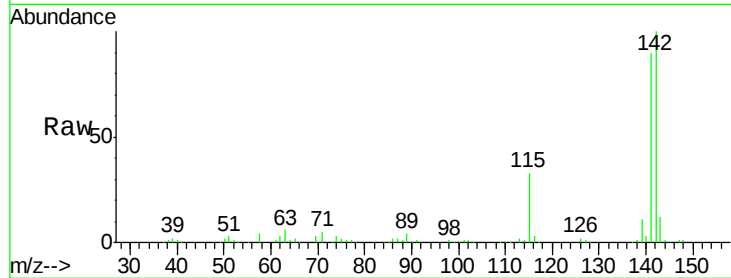
#37
2-Methylnaphthalene
Concen: 38.16 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
142	100	265092		
141	90.0	71.9	107.9	
115	32.6	25.4	38.0	

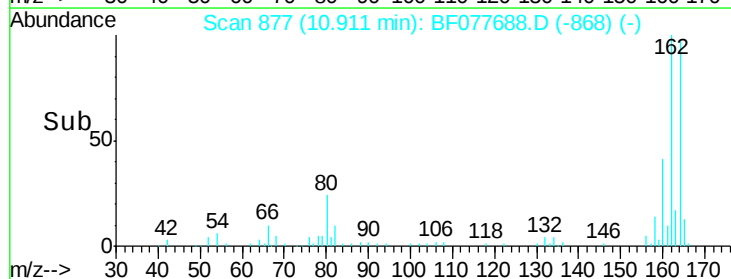
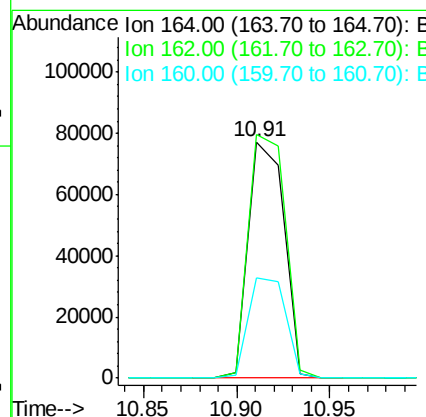
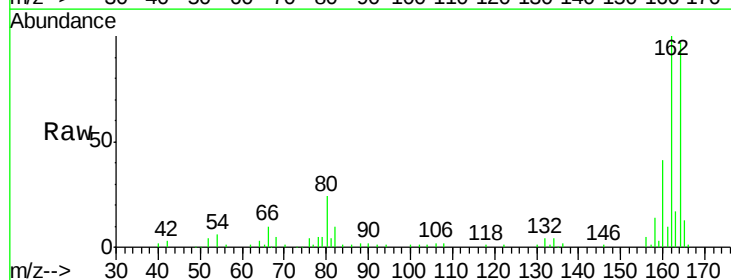
Manual Integrations
APPROVED

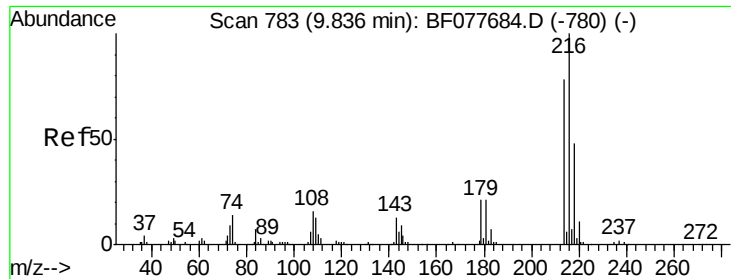
mohammad
3/13/2015 9:40:15 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102838		
162	103.0	82.4	123.6	
160	42.6	35.8	53.6	





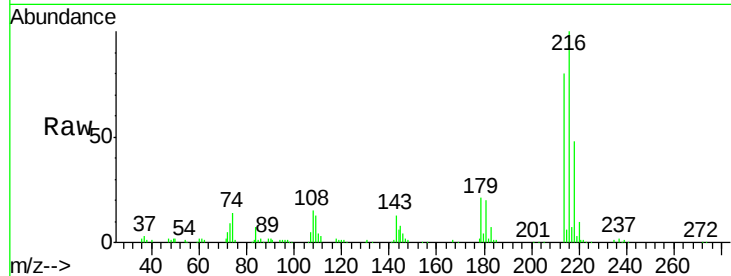
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.28 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9	0.0	0.0		
179	21.5	0.0	0.0		
108	18.1	0.0	0.0		

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM



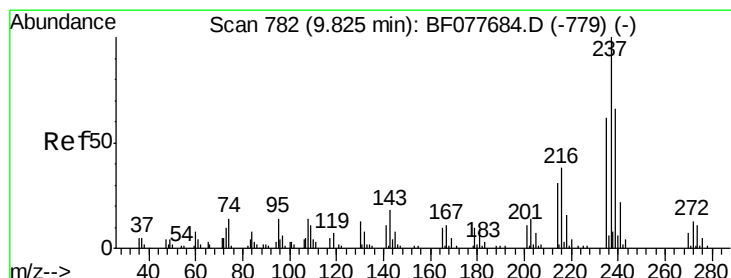
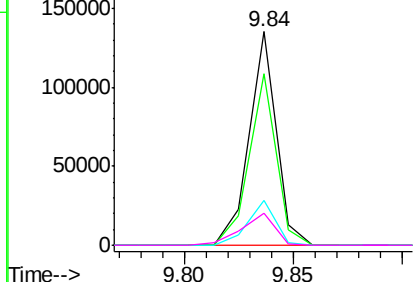
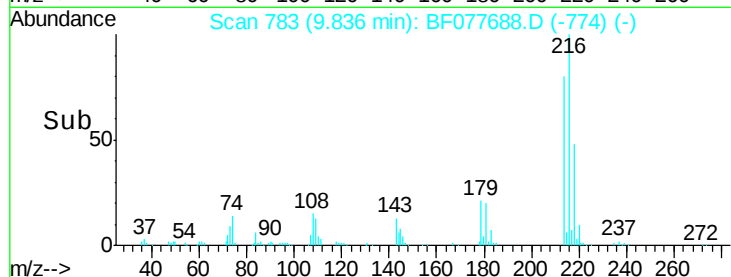
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

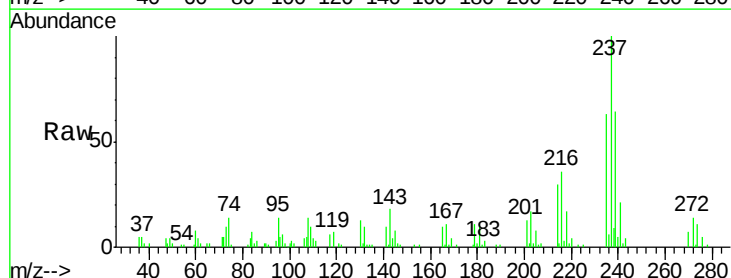
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 37.89 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.8	42.0	82.0		
272	13.6	0.0	33.4		

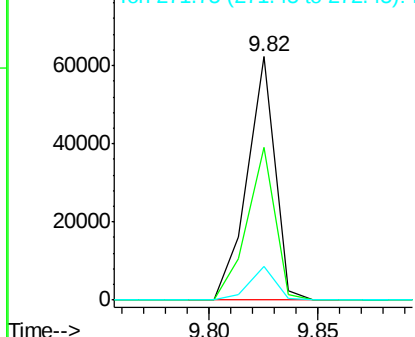
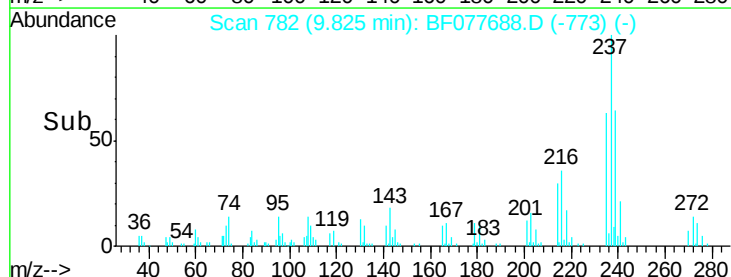


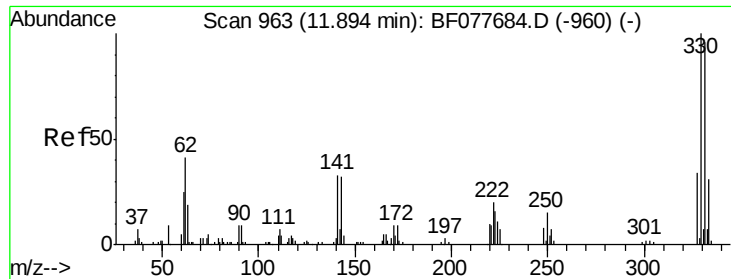
Abundance

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





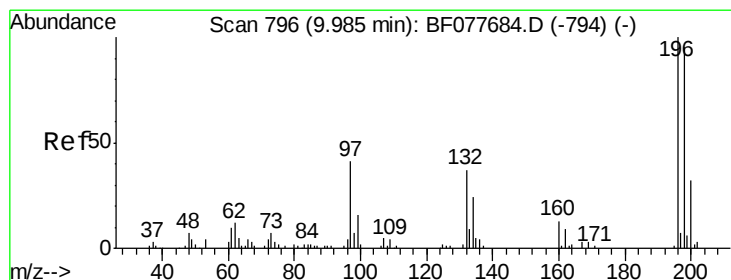
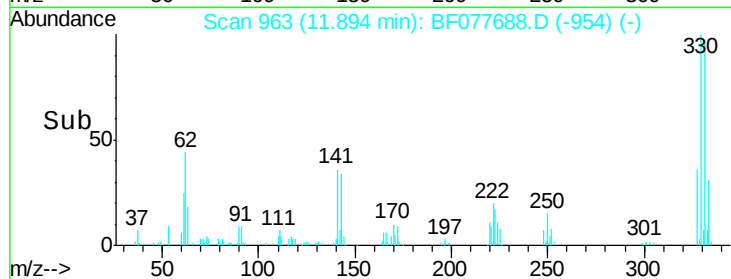
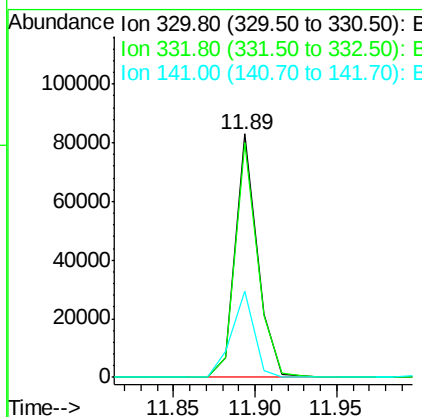
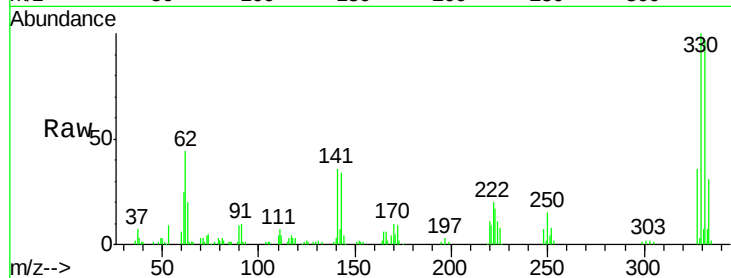
#41
 2,4,6-Tribromophenol
 Concen: 79.08 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	0.0	0.0	0.0
141	35.9	0.0	0.0	0.0

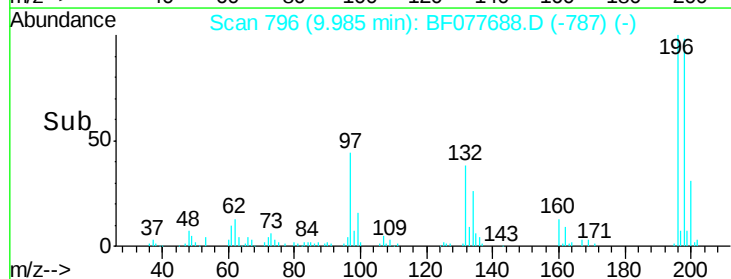
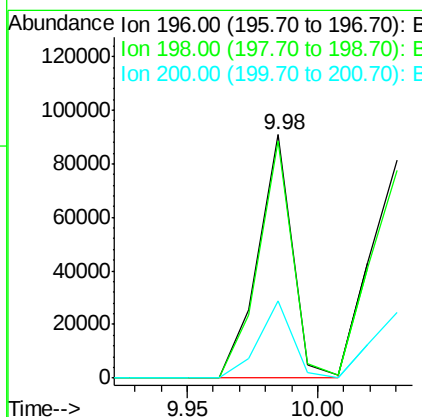
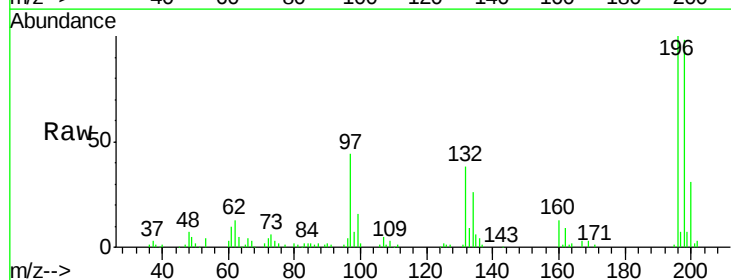
Manual Integrations
 APPROVED

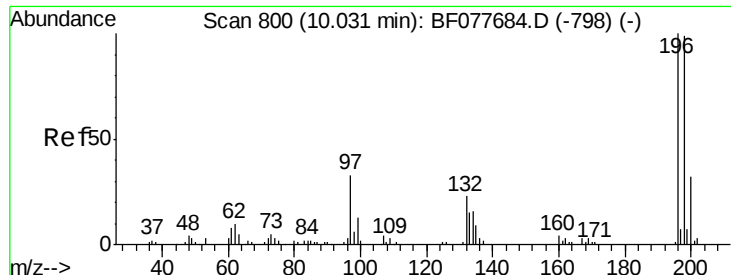
mohammad
 3/13/2015 9:40:15 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.45 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.6	76.3	114.5	
200	31.5	25.6	38.4	





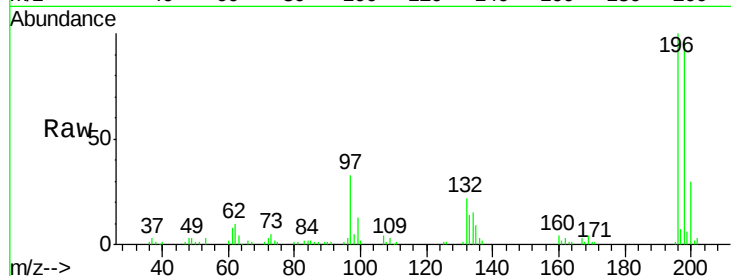
#43
 2,4,5-Trichlorophenol
 Concen: 38.93 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

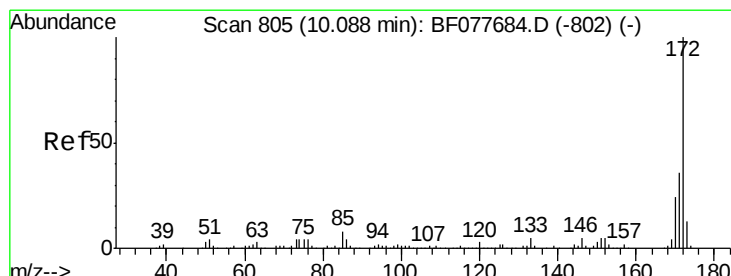
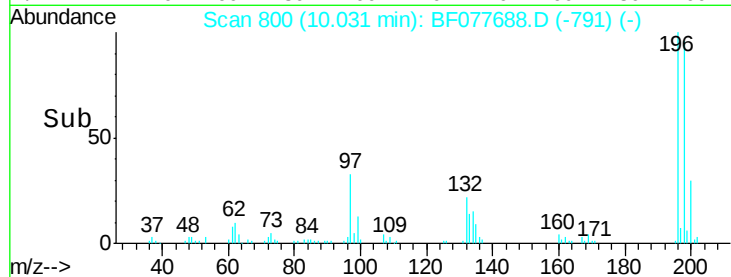
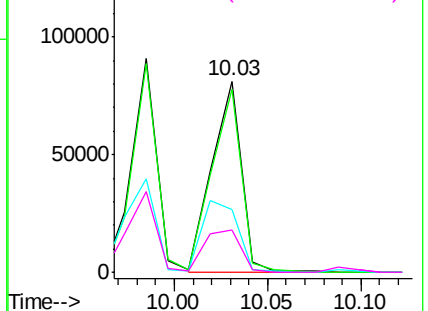
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		89370		
198	95.8	79.4	119.0		
97	33.1	26.8	40.2		
132	22.3	18.6	28.0		

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM



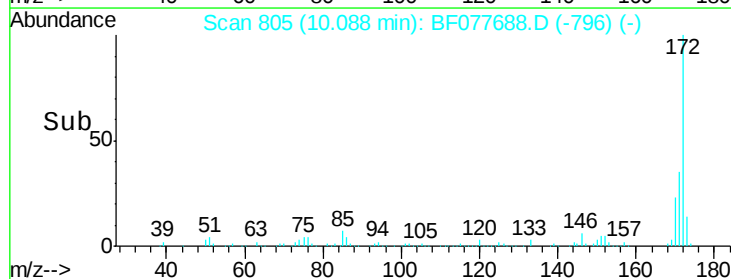
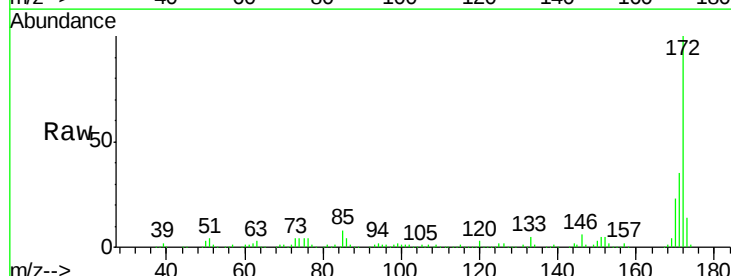
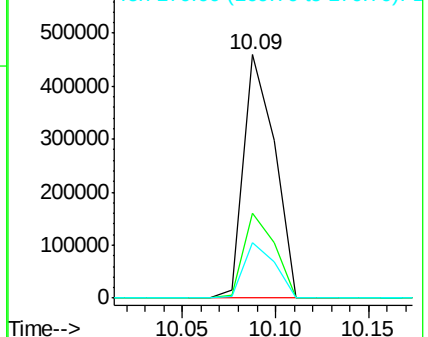
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

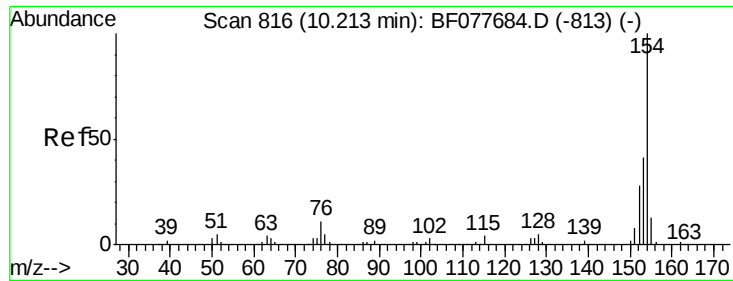


#44
 2-Fluorobiphenyl
 Concen: 76.03 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		531996		
171	35.0	28.5	42.7		
170	23.0	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





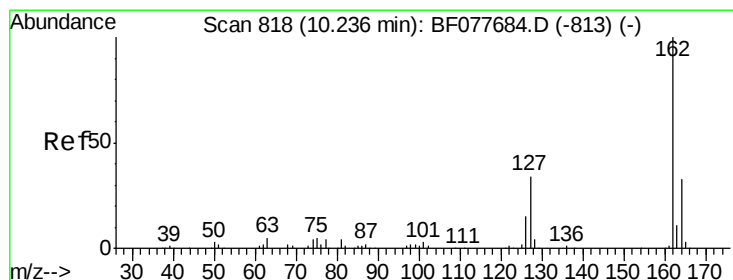
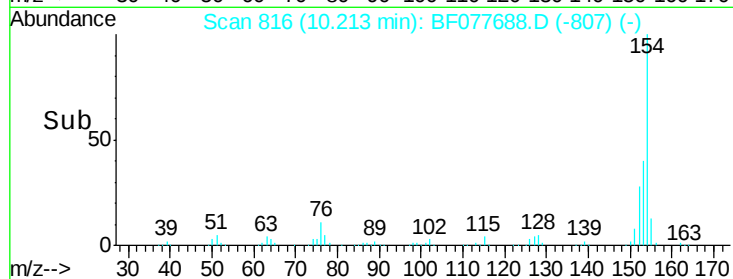
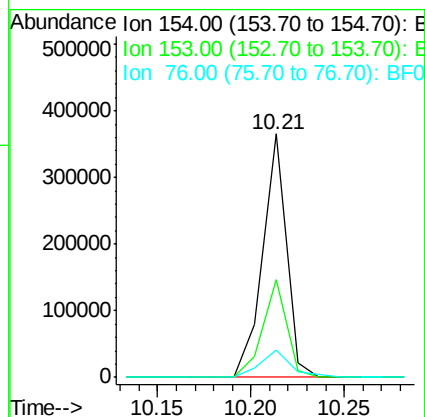
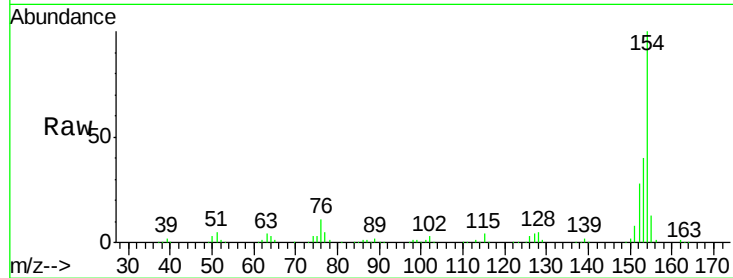
#45
1,1'-Biphenyl
Concen: 39.01 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	11.3	0.0	30.9

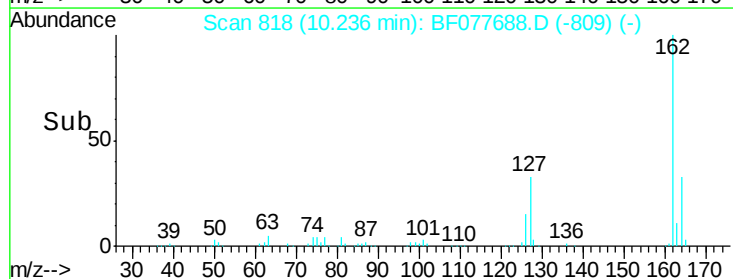
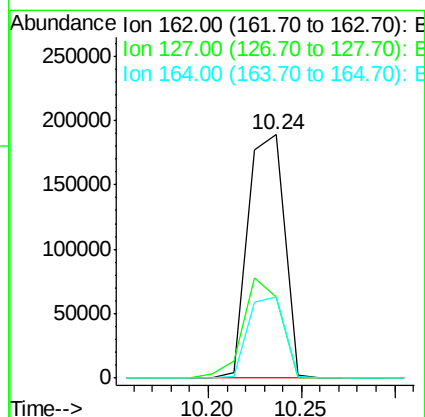
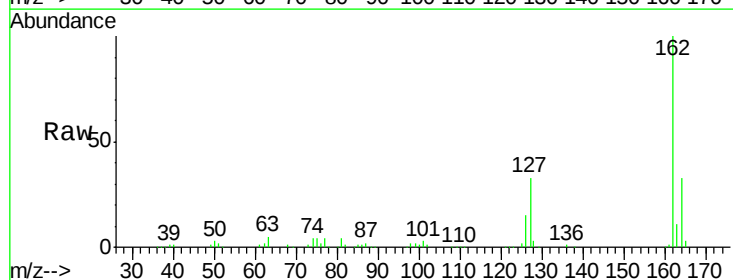
Manual Integrations
APPROVED

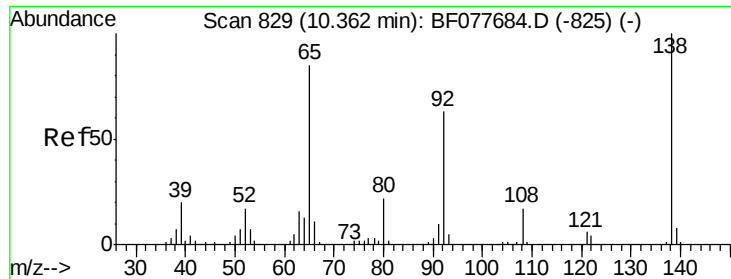
mohammad
3/13/2015 9:40:15 AM



#46
2-Chloronaphthalene
Concen: 38.30 ng
RT: 10.24 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.1	26.9	40.3
164	33.1	26.8	40.2





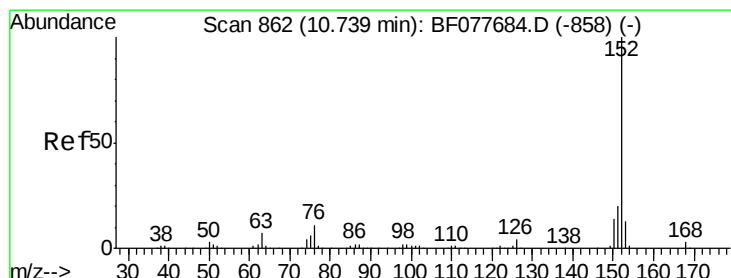
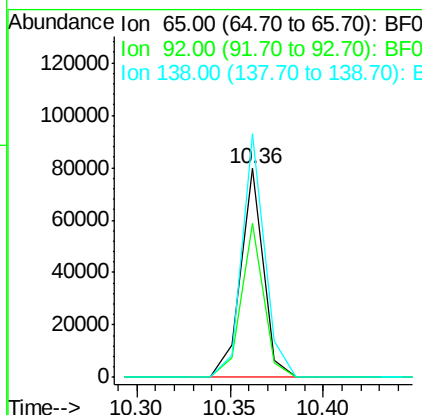
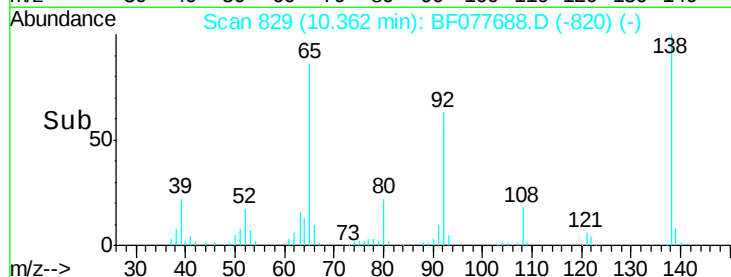
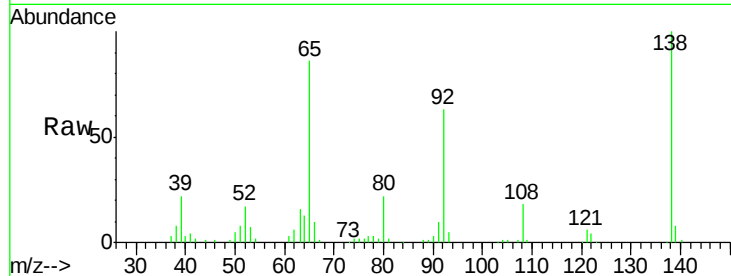
#47
 2-Nitroaniline
 Concen: 40.81 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Tot Ion:	65	Resp:	67714
Ion Ratio	Lower	Upper	
65	100		
92	74.1	59.1	88.7
138	116.8	93.9	140.9

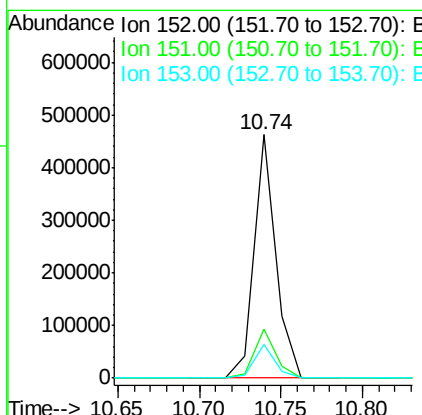
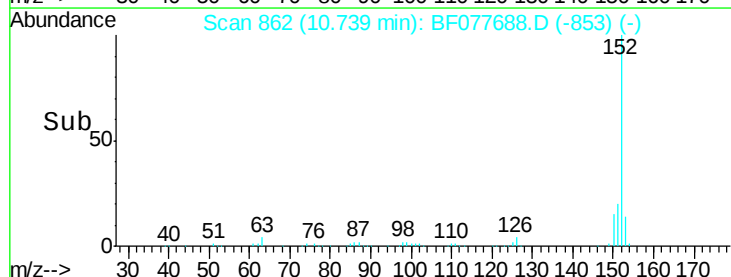
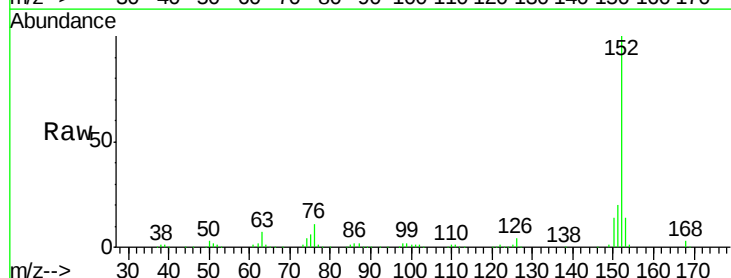
Manual Integrations
 APPROVED

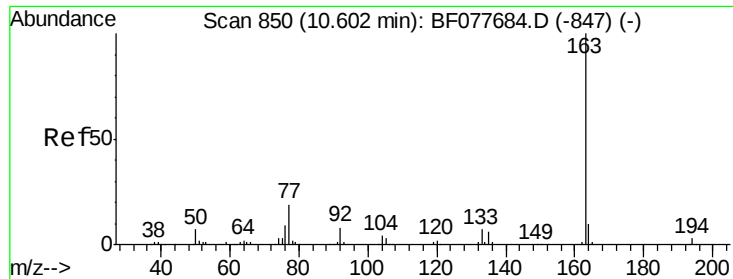
mohammad
 3/13/2015 9:40:15 AM



#48
 Acenaphthylene
 Concen: 38.46 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion:	152	Resp:	427320
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	13.7	10.6	16.0





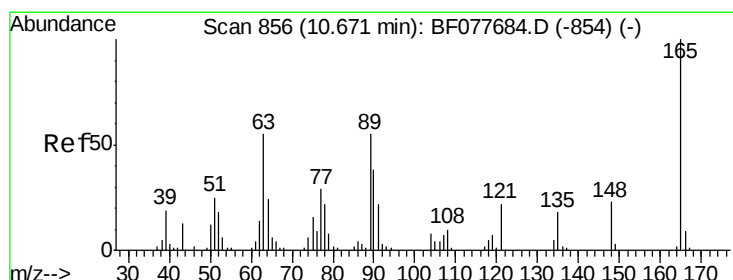
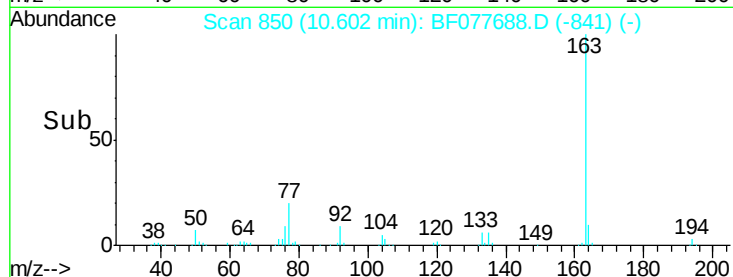
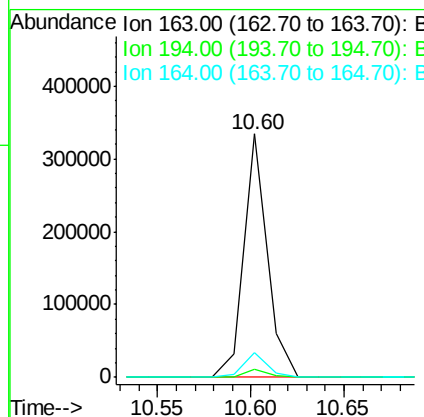
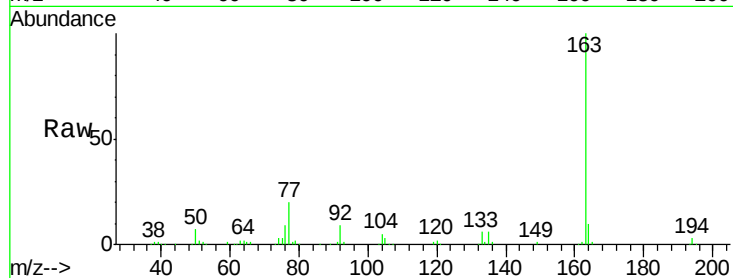
#49
Dimethylphthalate
Concen: 38.46 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
163	100	293319		
194	3.4		2.7	4.1
164	10.2		8.2	12.2

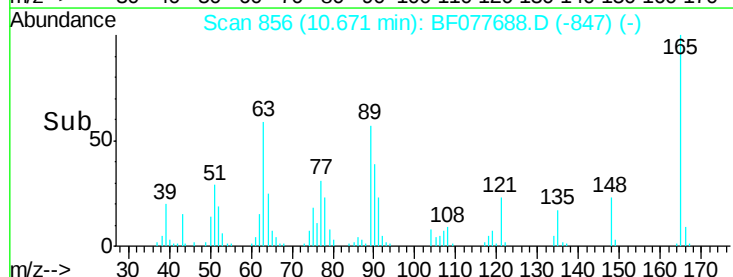
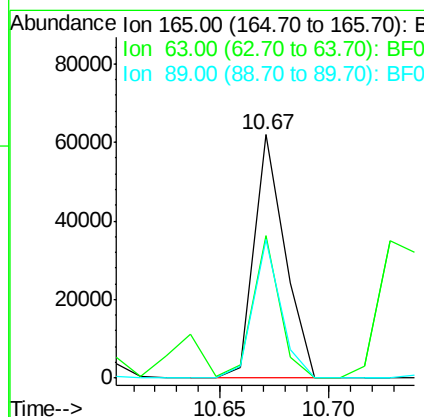
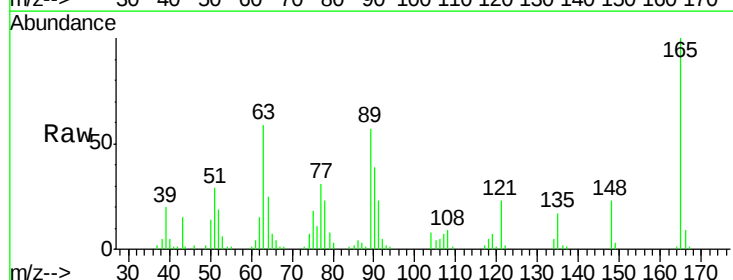
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#50
2,6-Dinitrotoluene
Concen: 38.56 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60965		
63	58.7		44.1	66.1
89	57.0		44.3	66.5





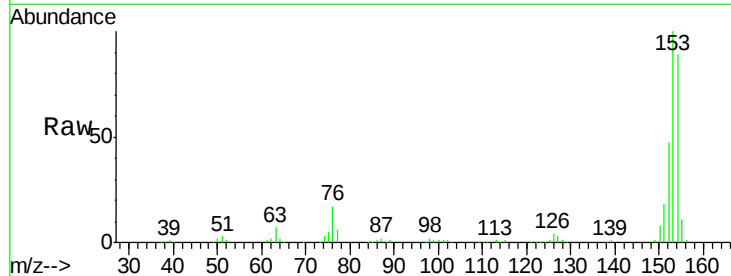
#51
Acenaphthene
Concen: 39.10 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

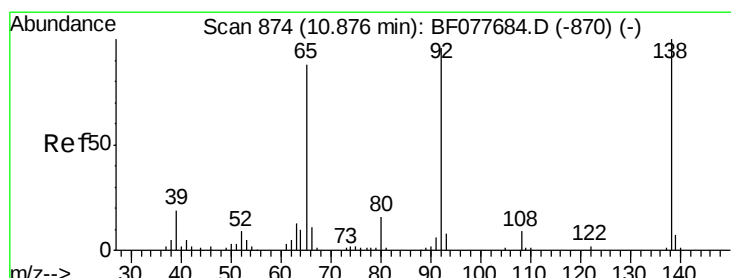
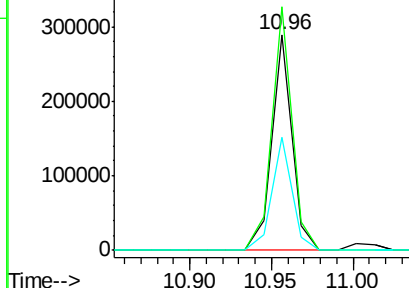
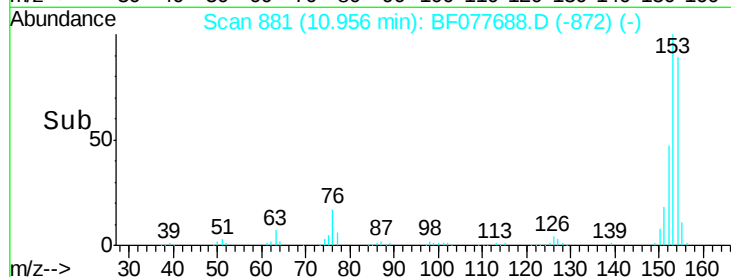
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	52.7	42.6	63.8

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM

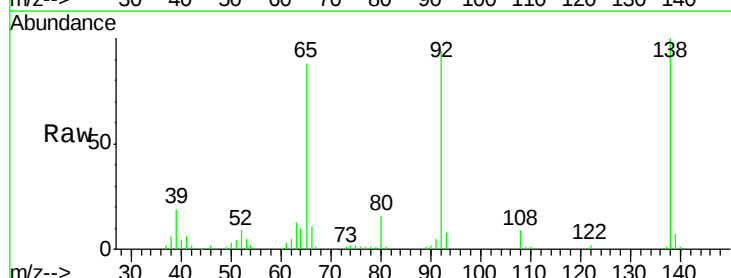


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

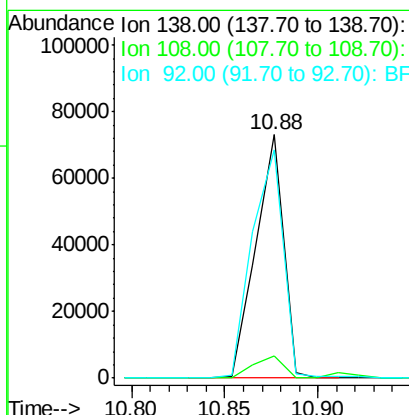
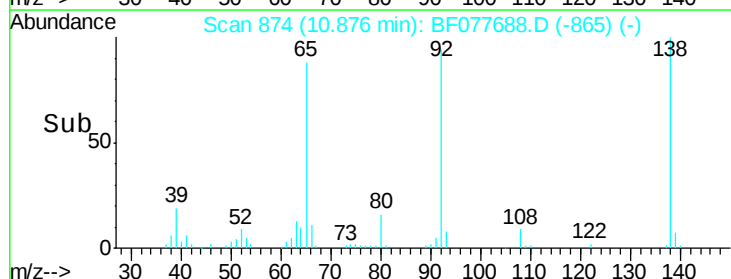


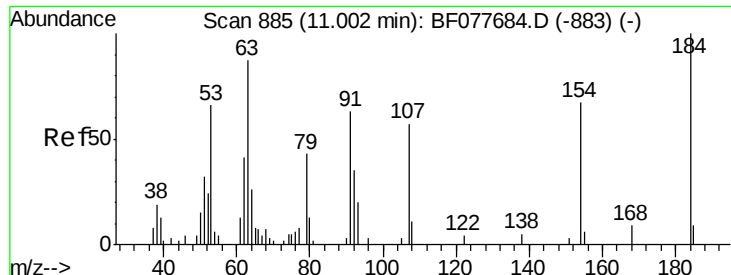
#52
3-Nitroaniline
Concen: 40.85 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.3	10.9
92	93.6	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





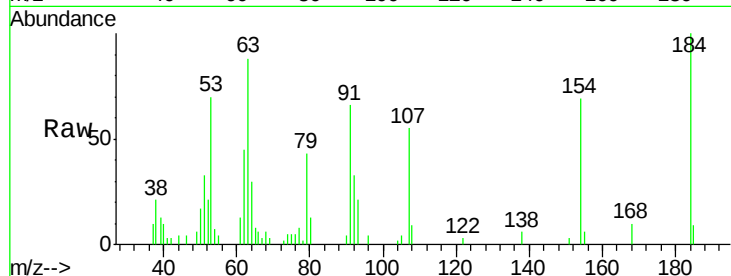
#53
2,4-Dinitrophenol
Concen: 38.56 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

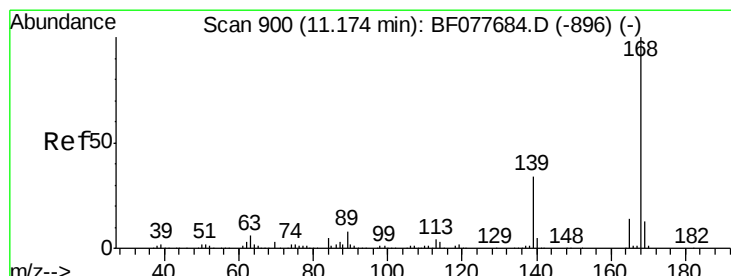
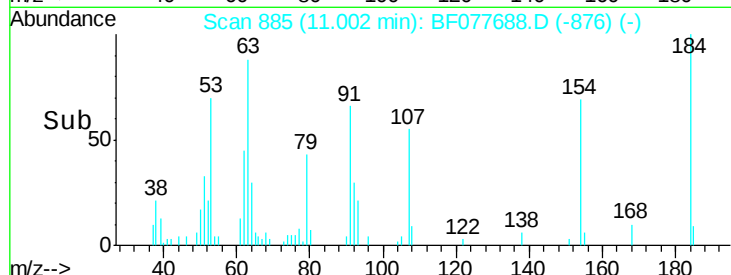
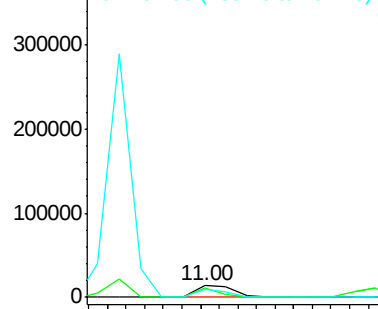
Tot Ion	Ratio	Lower	Upper
184	100		
63	88.0	69.2	103.8
154	68.8	53.3	79.9

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM

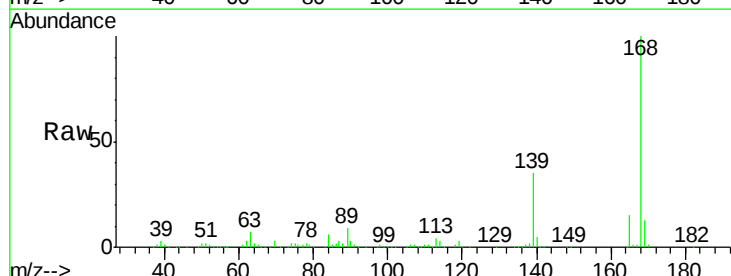


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

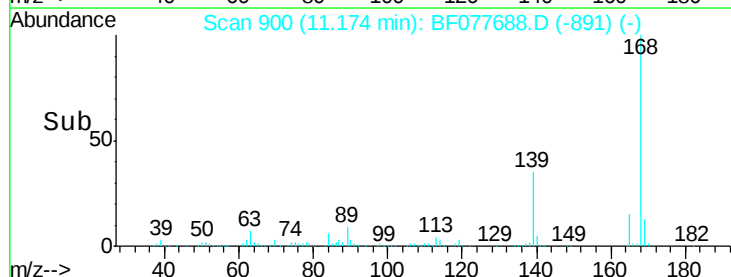
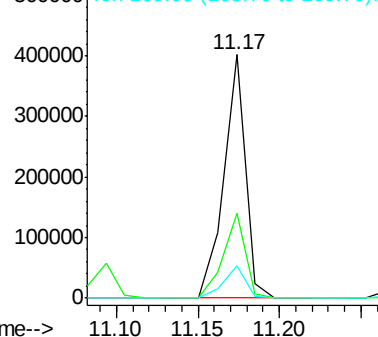


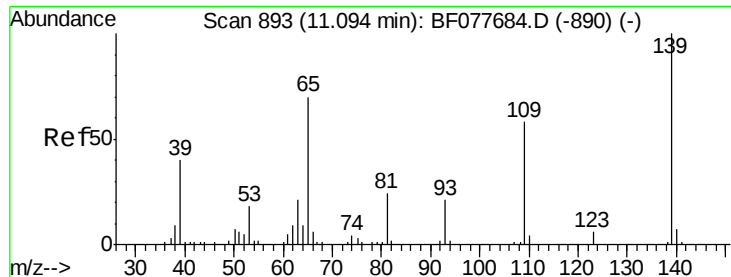
#54
Dibenzofuran
Concen: 38.93 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.3	40.9
169	13.1	10.6	16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





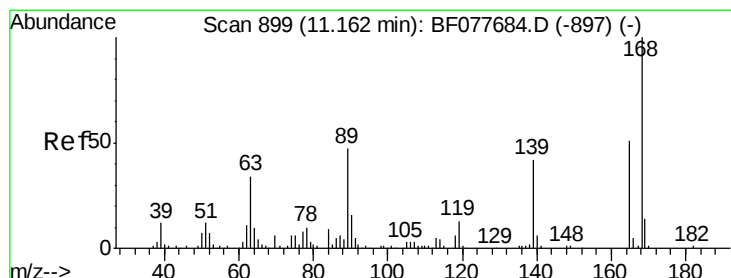
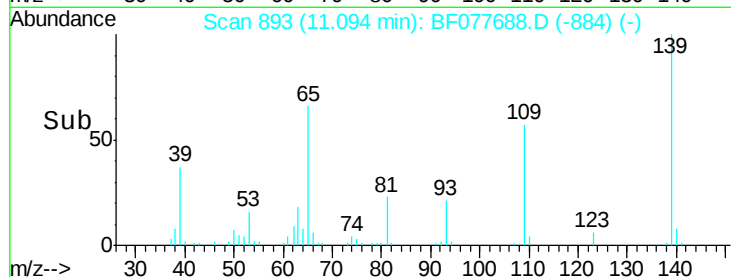
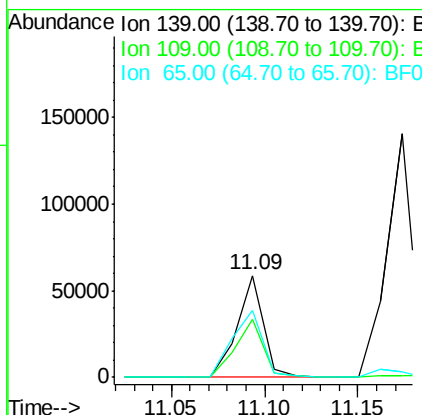
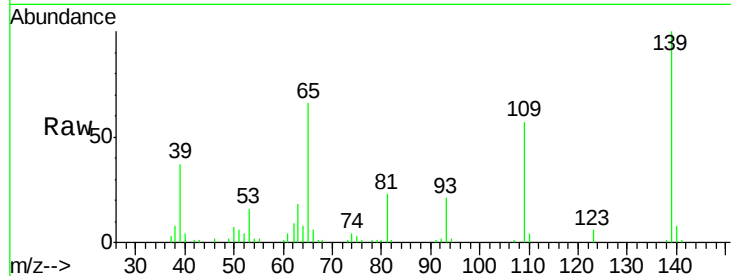
#55
4-Nitrophenol
Concen: 42.79 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.3	37.7	77.7
65	66.3	49.9	89.9

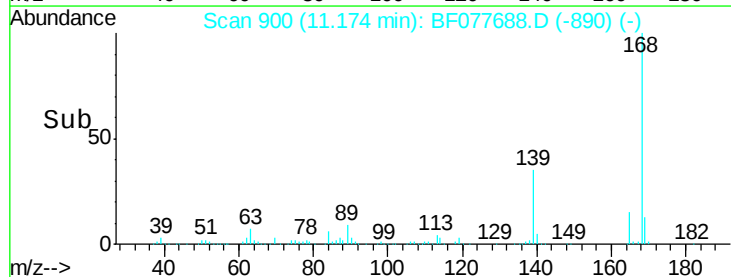
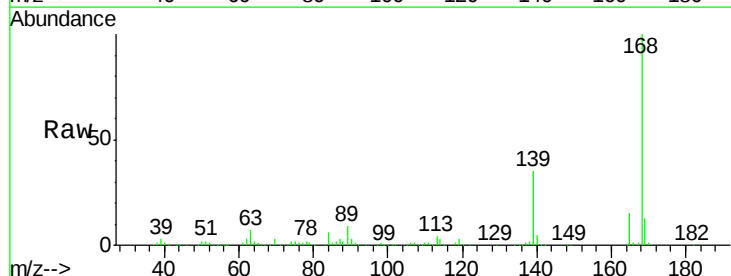
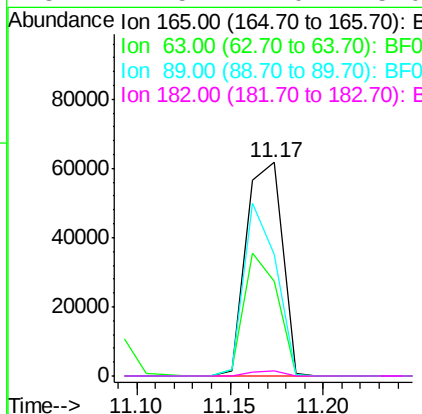
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#56
2,4-Dinitrotoluene
Concen: 40.03 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.2	52.4	78.6#
89	57.0	72.4	108.6#
182	2.5	2.0	3.0





#57

Fluorene

Concen: 39.12 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

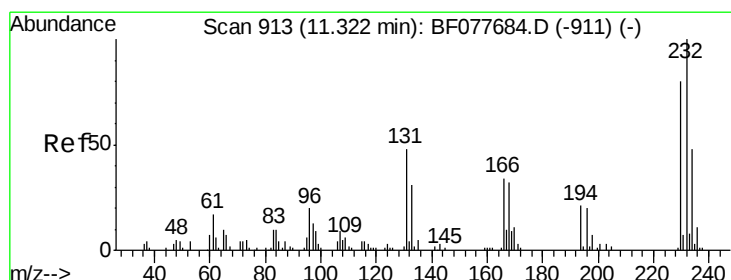
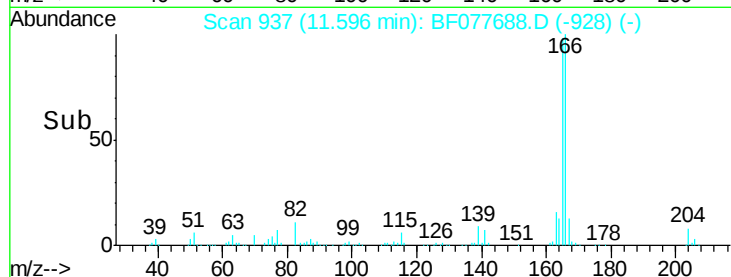
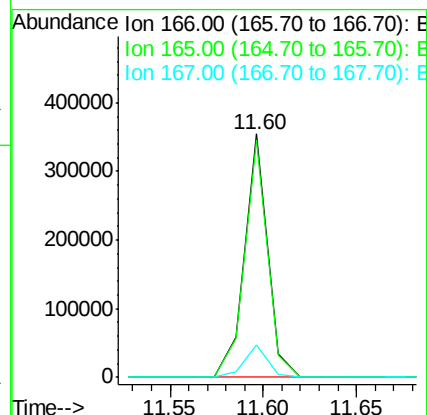
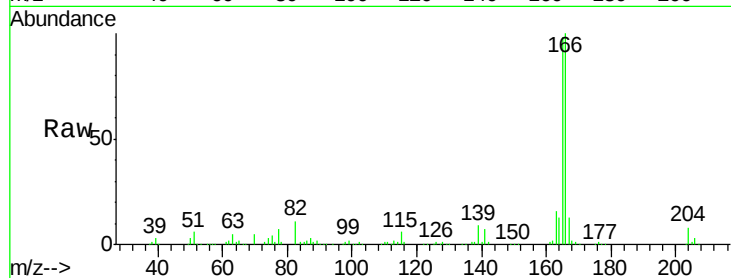
ClientSampleId :

ICVBF031115

Tot Ion:	166	Resp:	306880
Ion Ratio		Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.4	10.3	15.5

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.71 ng

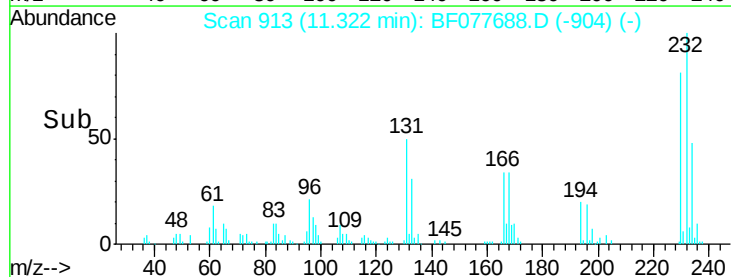
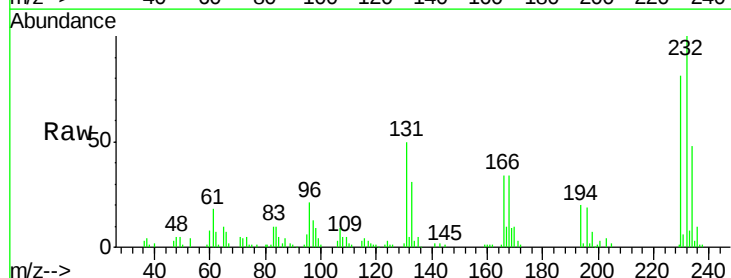
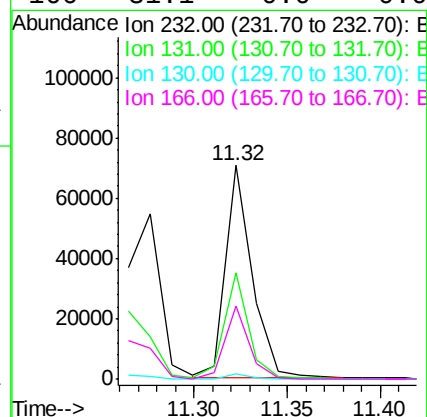
RT: 11.32 min Scan# 913

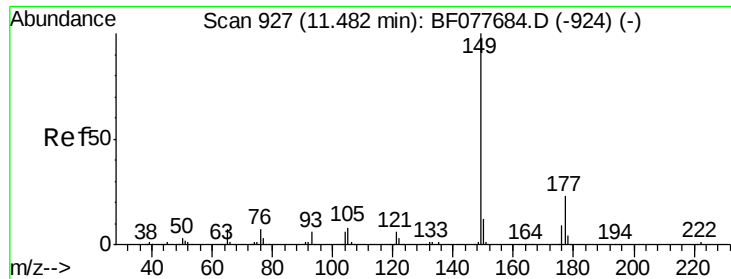
Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	232	Resp:	70178
Ion Ratio		Lower	Upper
232	100		
131	46.2	0.0	0.0#
130	1.9	0.0	0.0#
166	31.1	0.0	0.0#





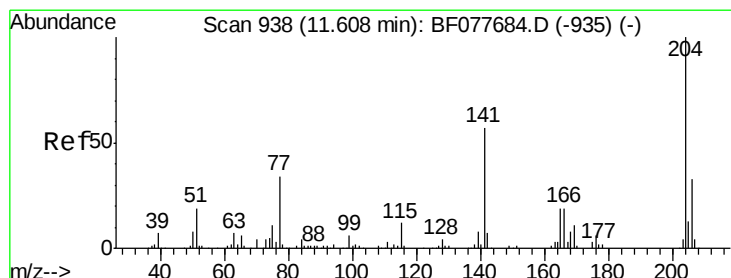
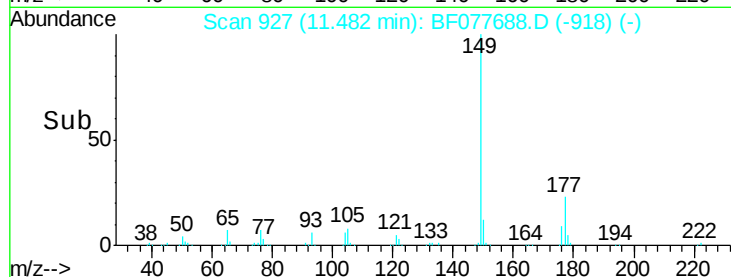
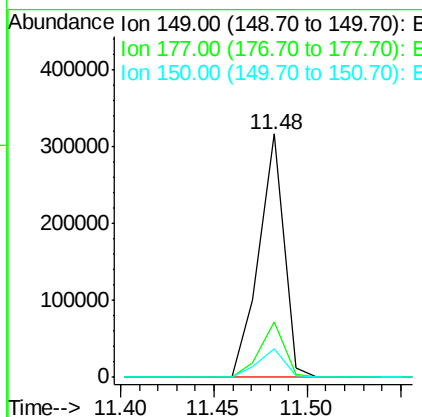
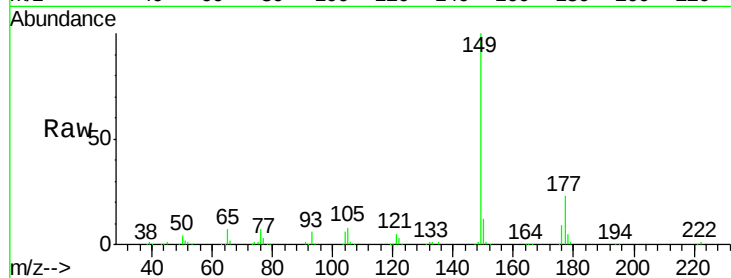
#59
Diethylphthalate
Concen: 39.73 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	11.7	9.8	14.8

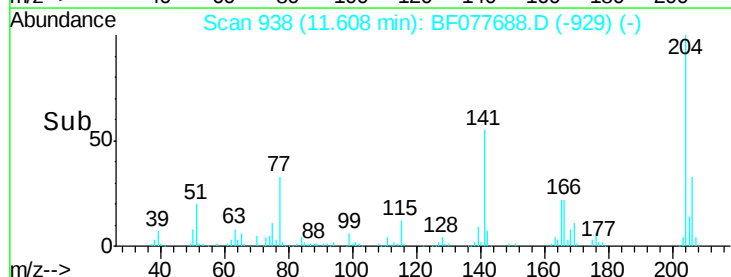
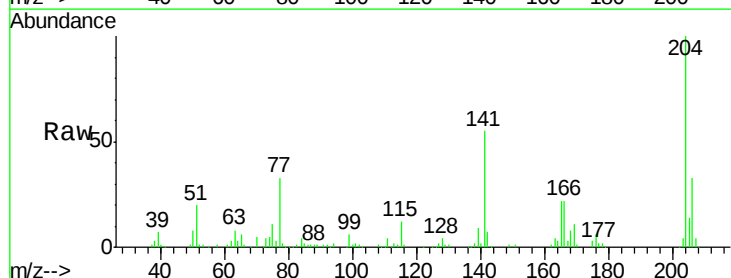
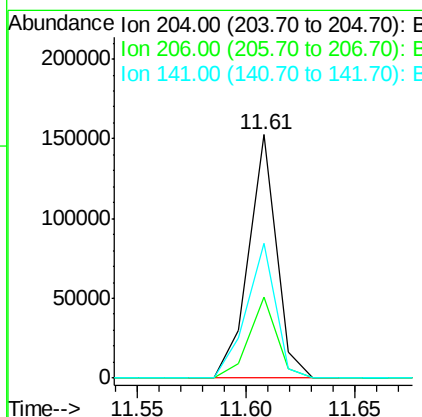
Manual Integrations
APPROVED

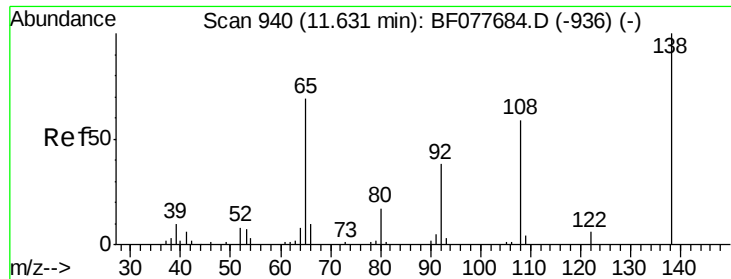
mohammad
3/13/2015 9:40:15 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.18 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	55.5	45.2	67.8





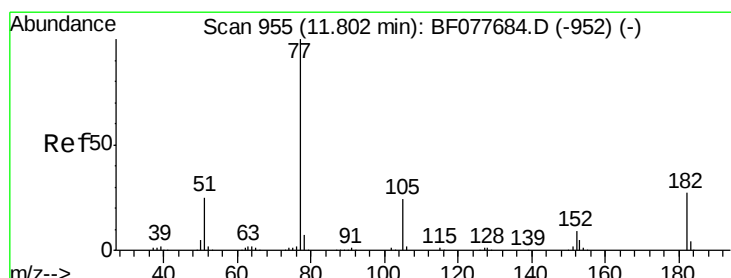
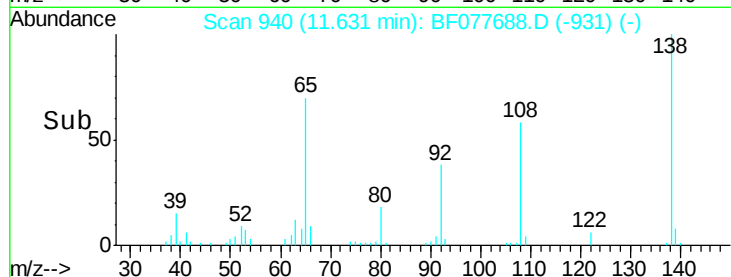
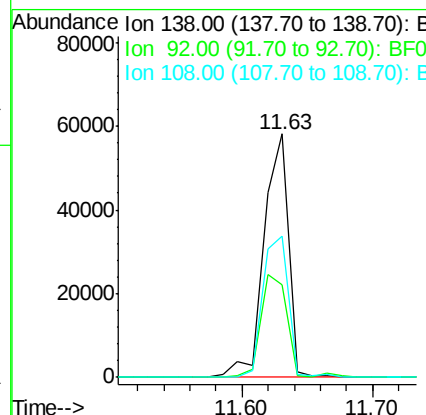
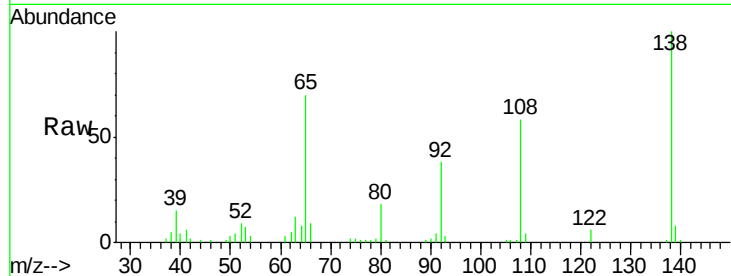
#61
4-Nitroaniline
Concen: 41.79 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
138	100		
92	38.1	16.7	56.7
108	58.2	37.6	77.6

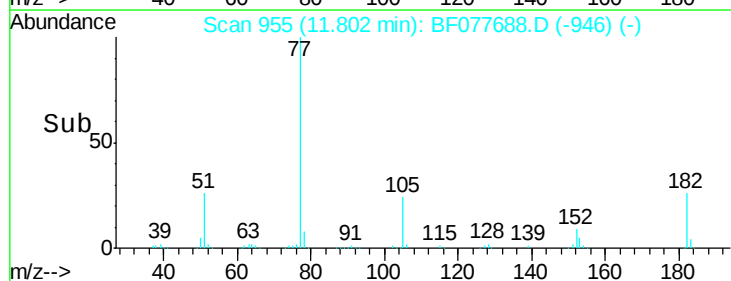
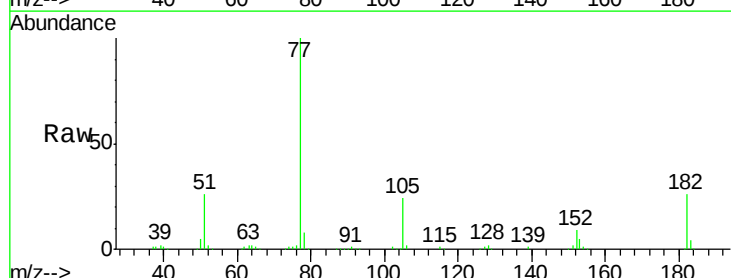
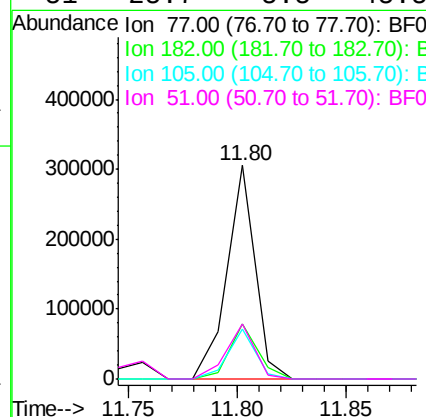
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#62
Azobenzene
Concen: 38.41 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.5	46.5
105	23.7	3.8	43.8
51	25.7	5.5	45.5





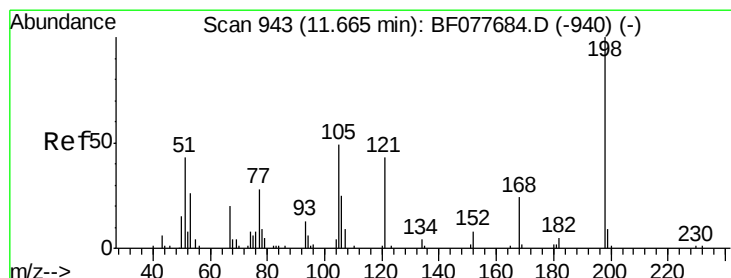
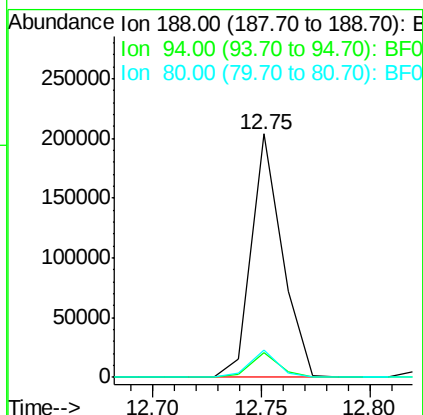
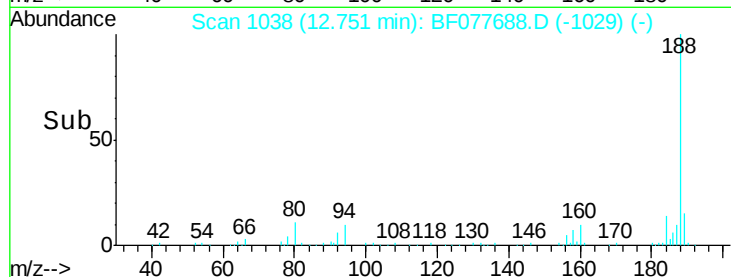
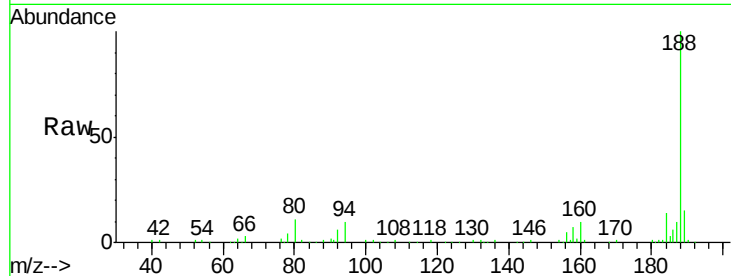
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp	Lower	Upper
188	100	200985		
94	10.1		8.7	13.1
80	11.0		9.3	13.9

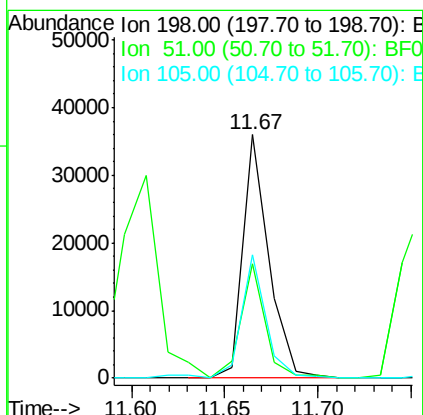
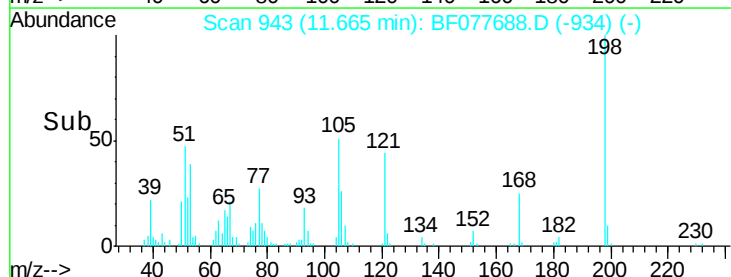
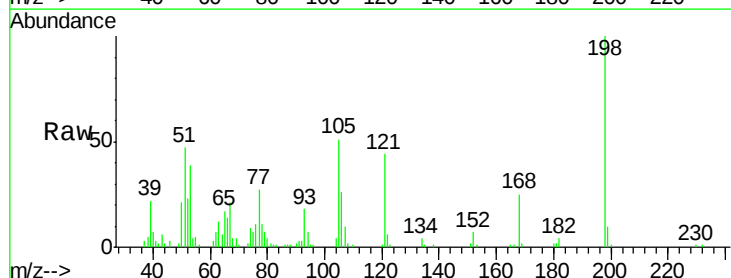
Manual Integrations
APPROVED

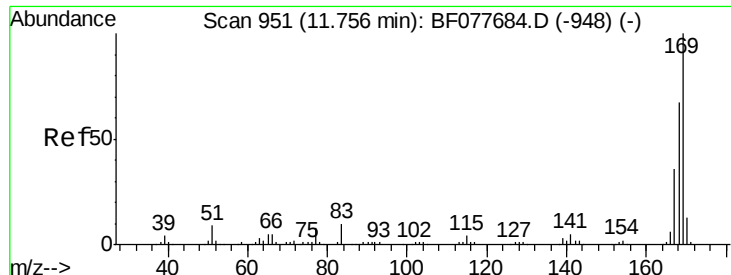
mohammad
3/13/2015 9:40:15 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.78 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34894		
51	47.0		28.8	68.8
105	50.7		30.5	70.5





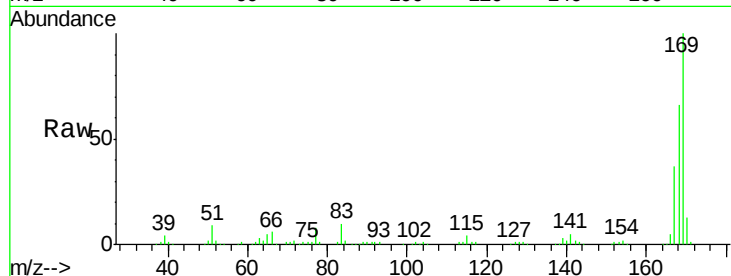
#65
 n-Nitrosodiphenylamine
 Concen: 39.67 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

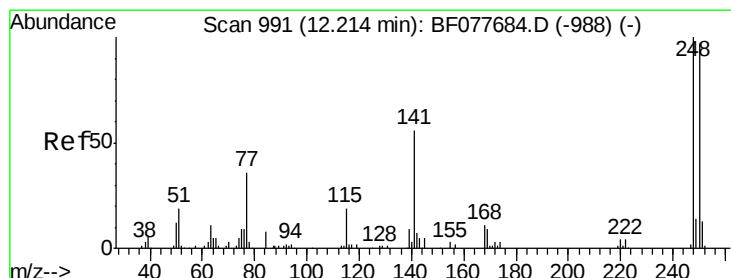
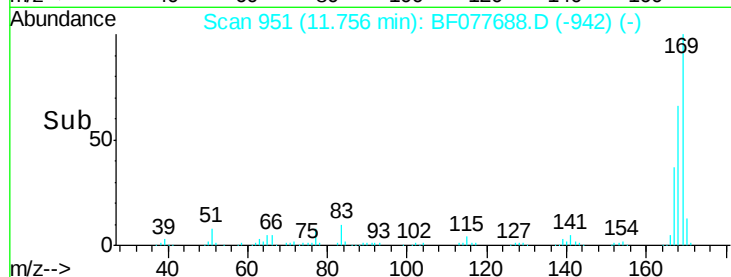
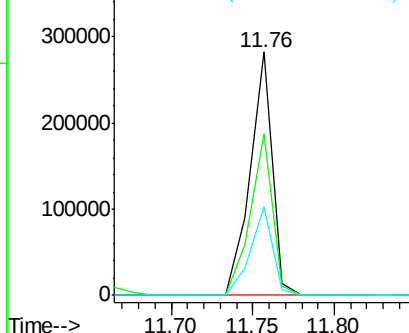
Tot Ion	Ratio	Resp	Lower	Upper
169	100	265478		
168	66.3		53.9	80.9
167	36.6		28.9	43.3

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

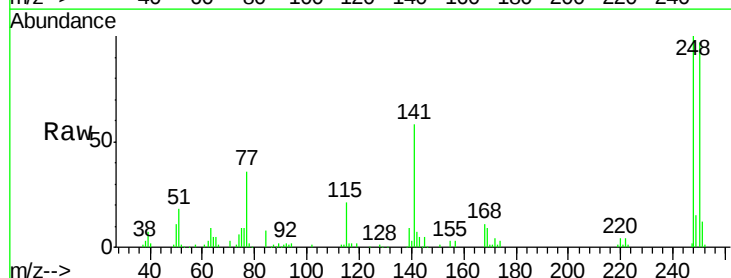


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

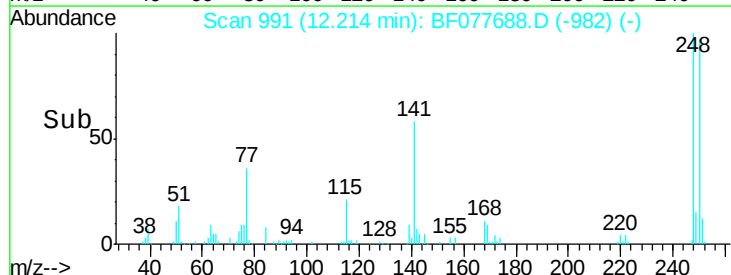
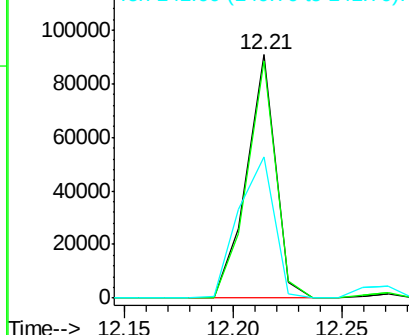


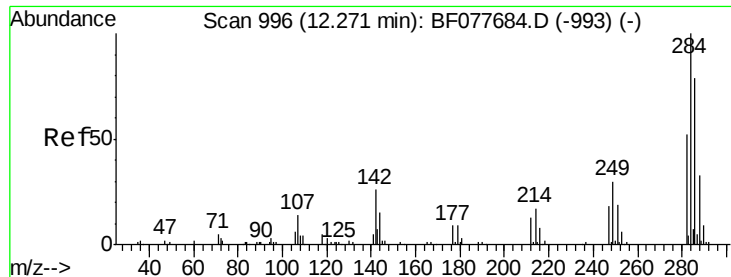
#66
 4-Bromophenyl-phenylether
 Concen: 39.38 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	84456		
250	97.5		77.4	116.0
141	57.8		45.2	67.8



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





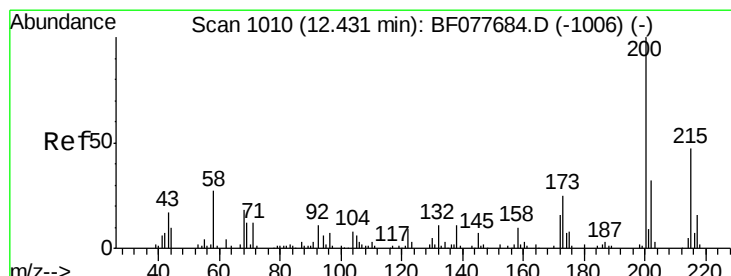
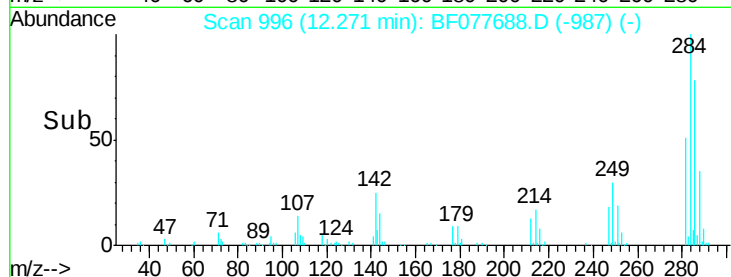
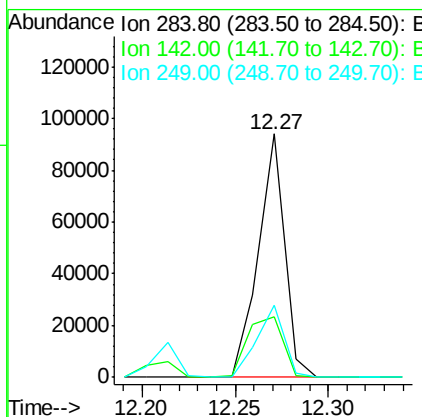
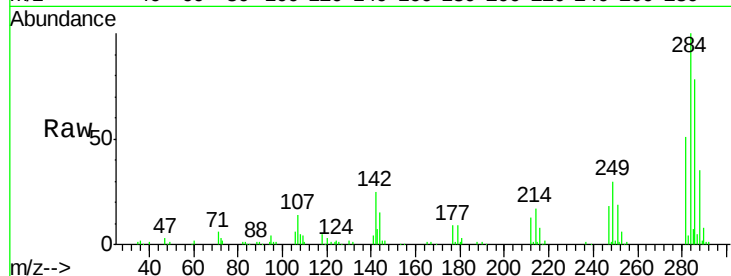
#67
Hexachlorobenzene
Concen: 38.76 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.1	20.4	30.6
249	29.5	23.8	35.6

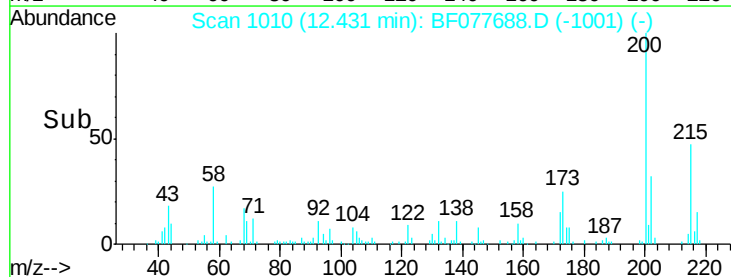
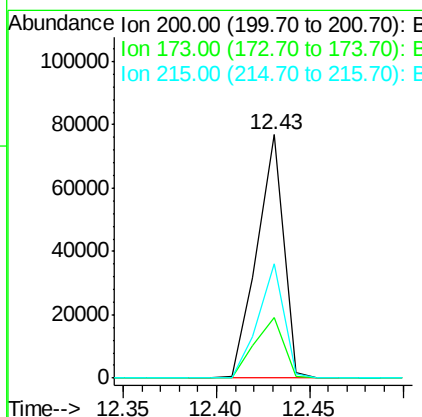
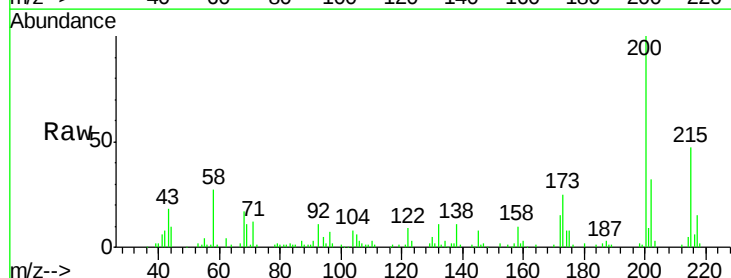
Manual Integrations
APPROVED

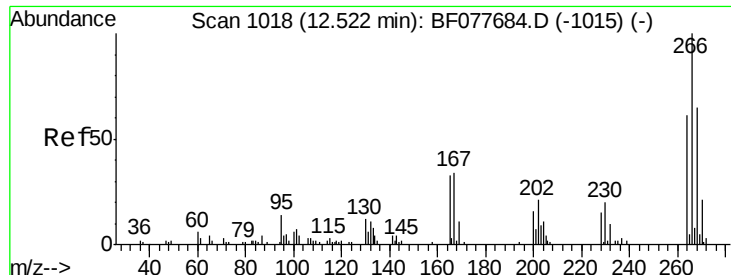
mohammad
3/13/2015 9:40:15 AM



#68
Atrazine
Concen: 40.60 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.8	44.8
215	46.9	26.9	66.9





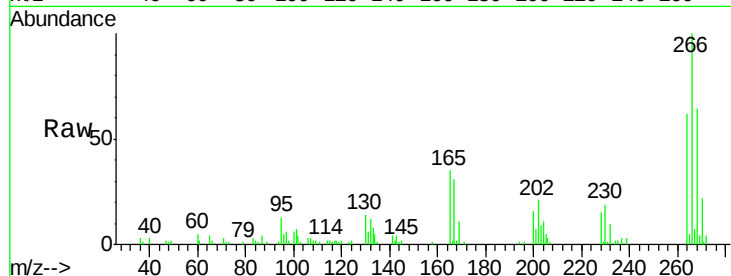
#69
 Pentachlorophenol
 Concen: 37.95 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

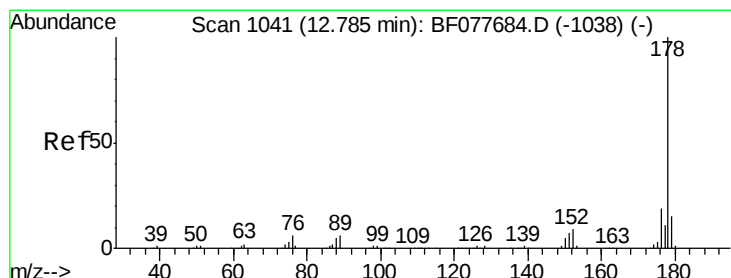
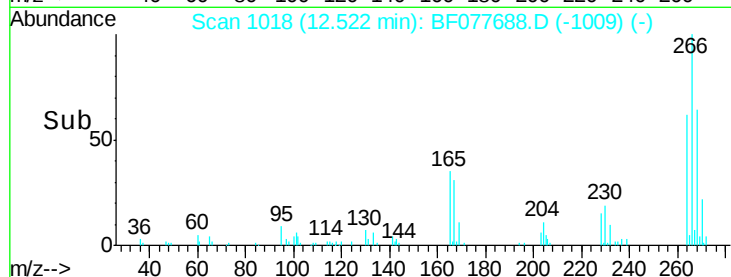
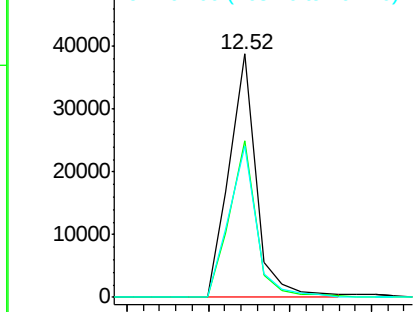
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.0	78.0
264	62.1	49.0	73.4

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

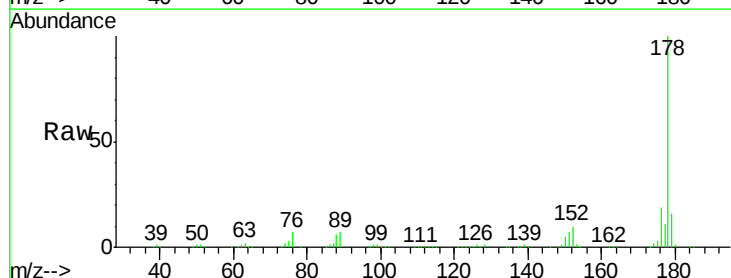


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

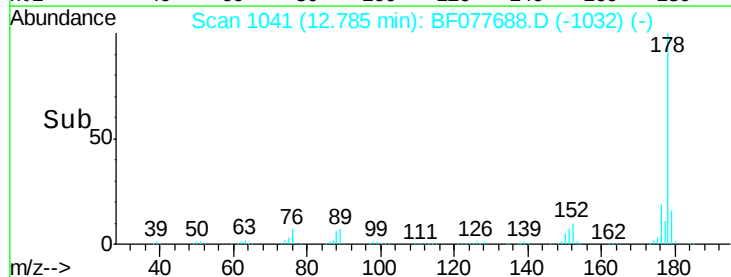
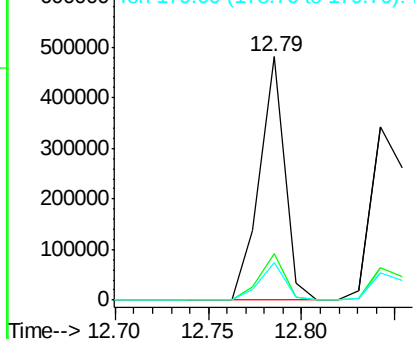


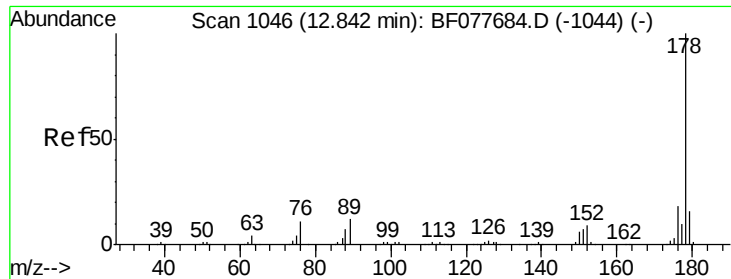
#70
 Phenanthrene
 Concen: 38.96 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.1	18.1



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





#71

Anthracene

Concen: 37.88 ng

RT: 12.84 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

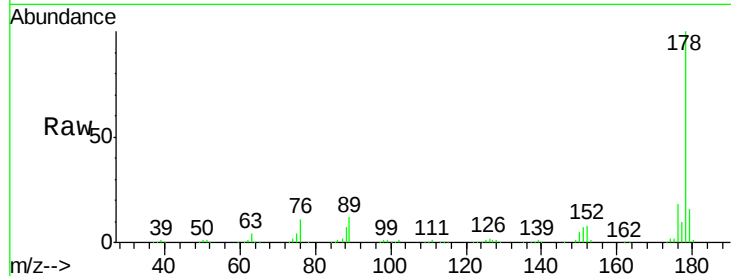
ClientSampleId :

ICVBF031115

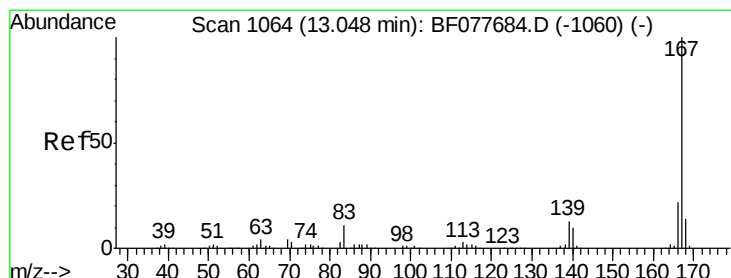
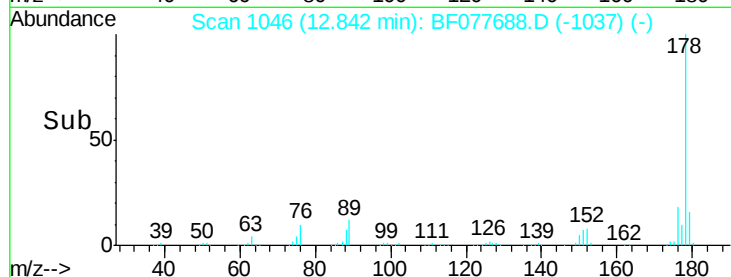
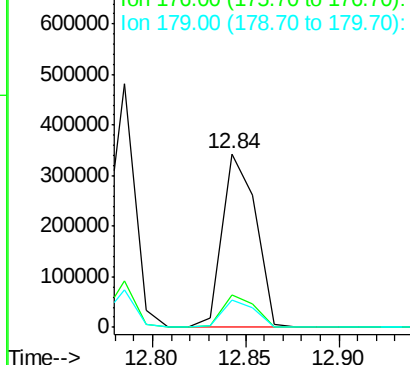
Tot Ion:	178	Resp:	431795
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.6	22.0
179	16.0	12.6	19.0

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



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



#72

Carbazole

Concen: 37.66 ng

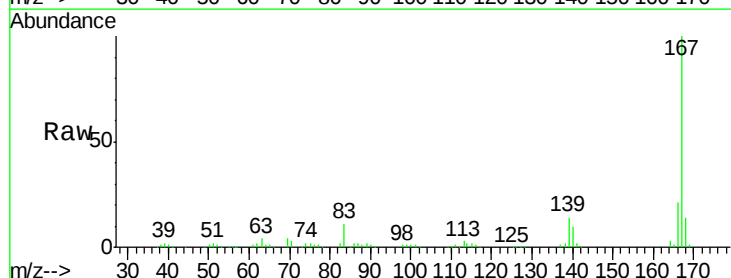
RT: 13.05 min Scan# 1064

Delta R.T. 0.00 min

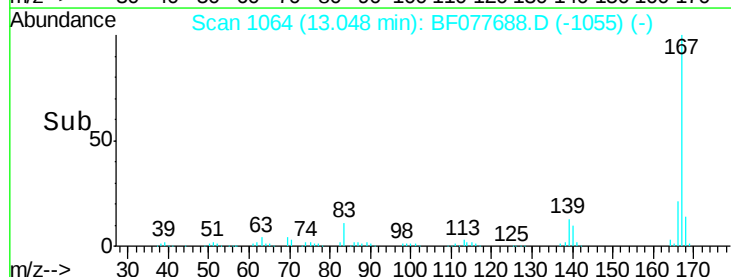
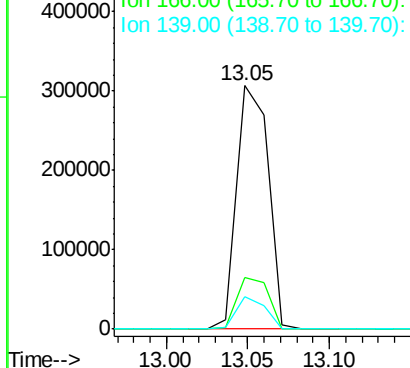
Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	167	Resp:	408420
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.2	25.8
139	13.5	10.8	16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.21 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

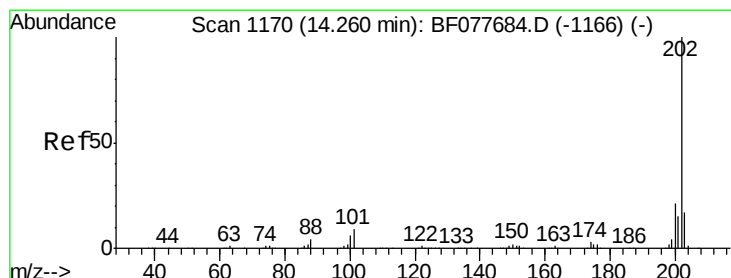
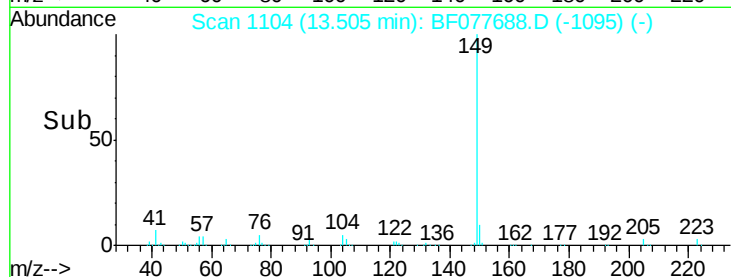
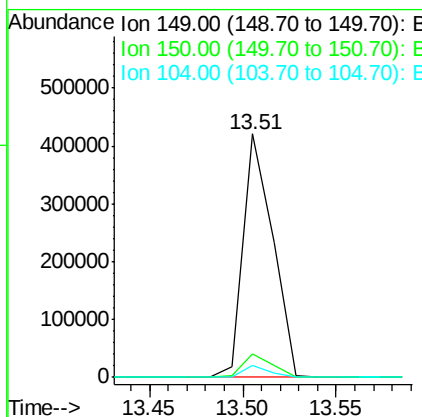
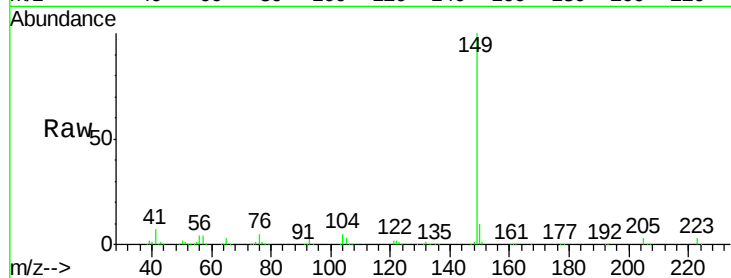
ClientSampleId :

ICVBF031115

Tot Ion:	149	Resp:	464616
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	4.7	3.7	5.5

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#74

Fluoranthene

Concen: 37.59 ng

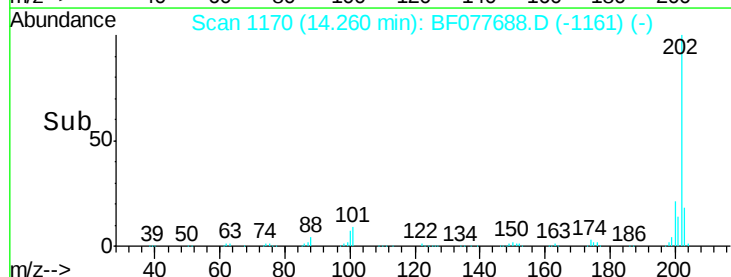
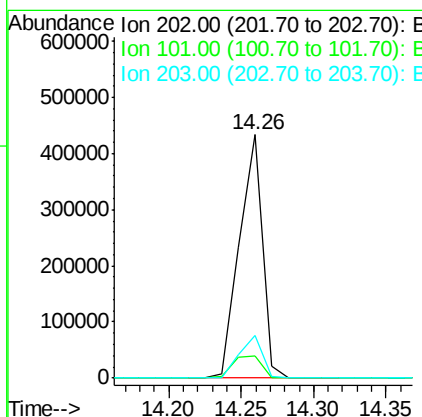
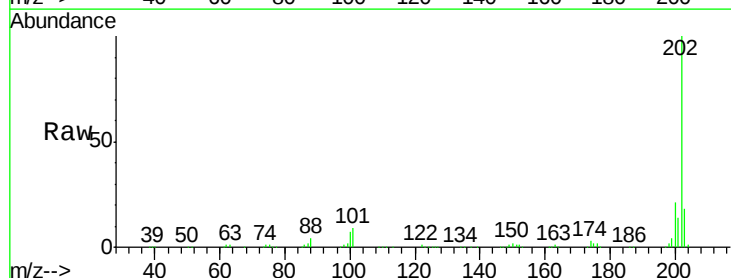
RT: 14.26 min Scan# 1170

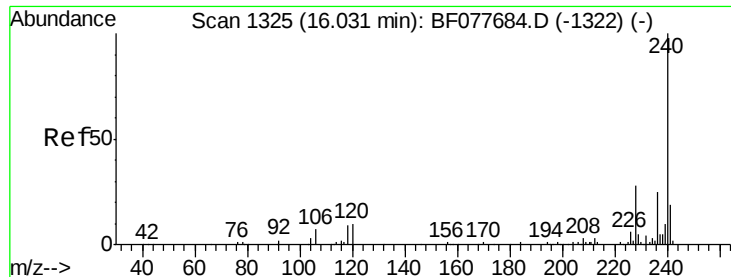
Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	202	Resp:	478362
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	28.7
203	17.5	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: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

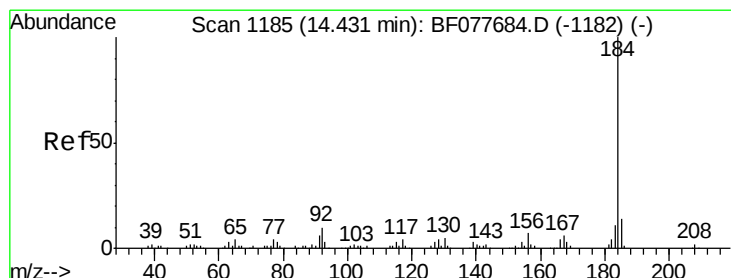
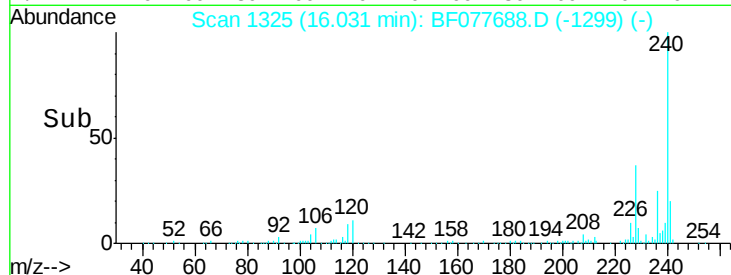
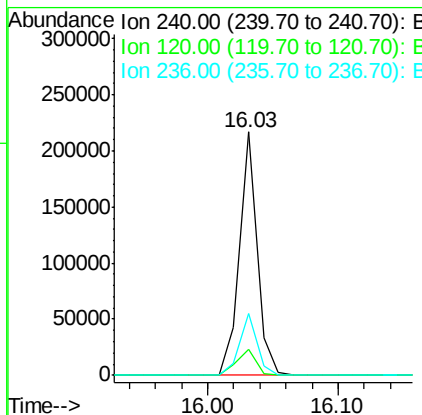
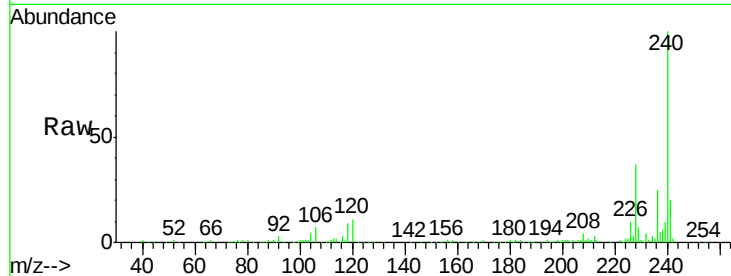
ClientSampleId :

ICVBF031115

Tot Ion:	240	Resp:	204244
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.2	12.2
236	25.4	20.0	30.0

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#76

Benzidine

Concen: 37.05 ng

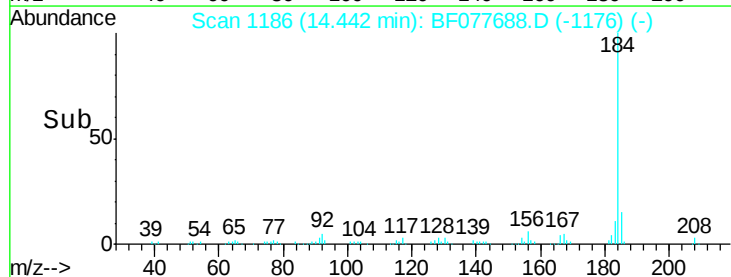
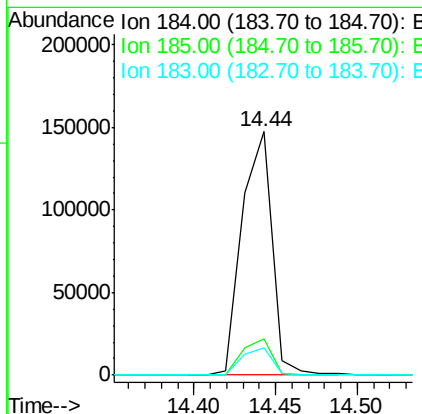
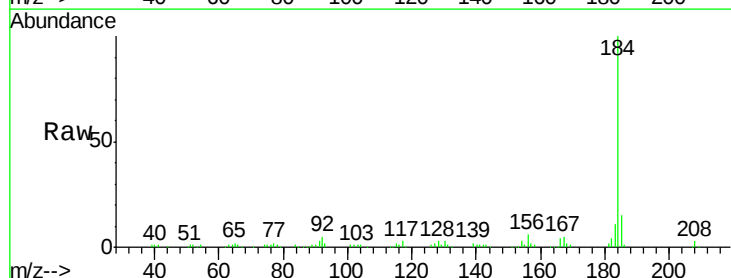
RT: 14.44 min Scan# 1186

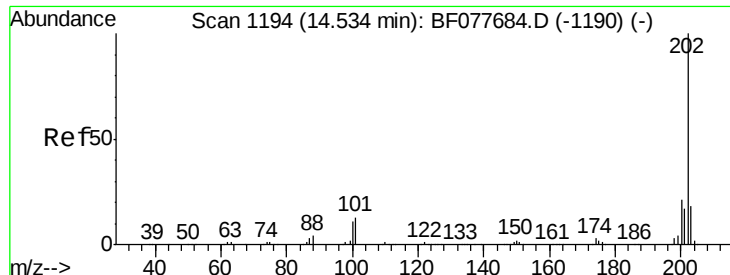
Delta R.T. 0.01 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	184	Resp:	187378
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.3	16.9
183	11.4	8.9	13.3





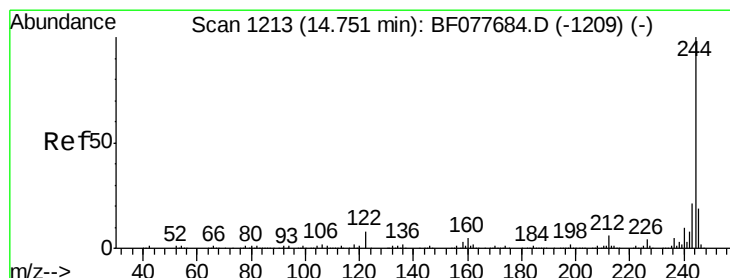
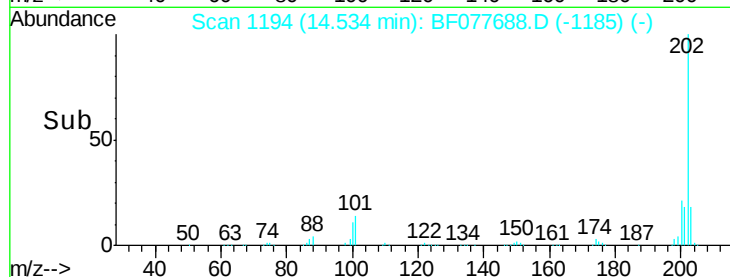
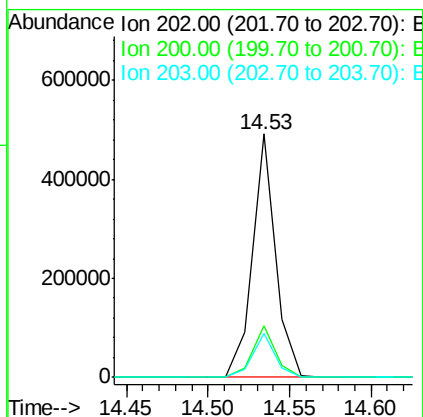
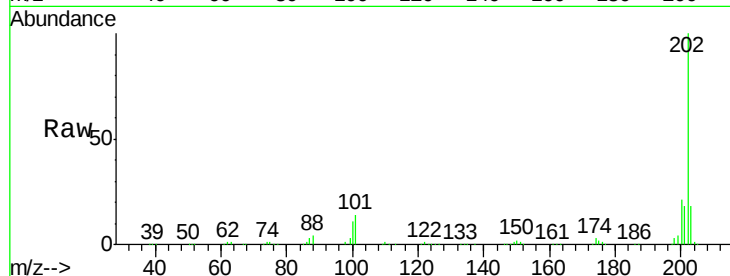
#77
Pvrene
Concen: 37.70 ng
RT: 14.53 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.9	14.1	21.1

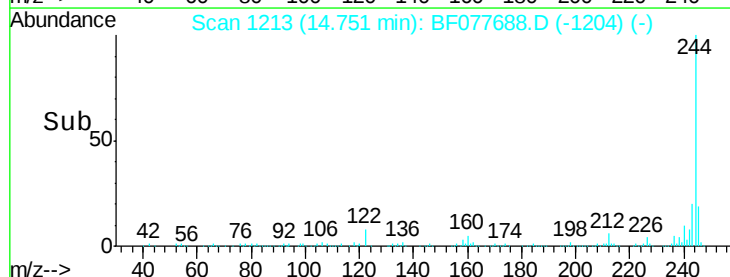
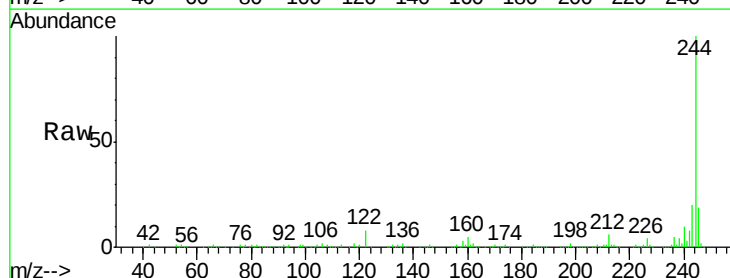
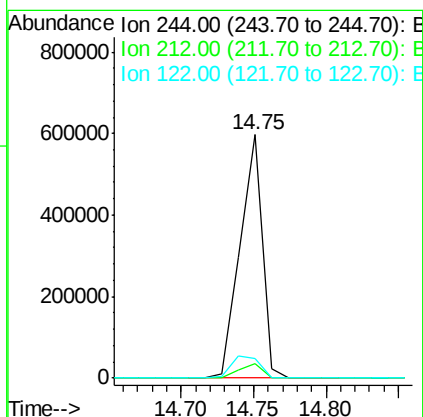
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#78
Terphenyl-d14
Concen: 76.04 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	4.9	7.3
122	8.1	6.2	9.4





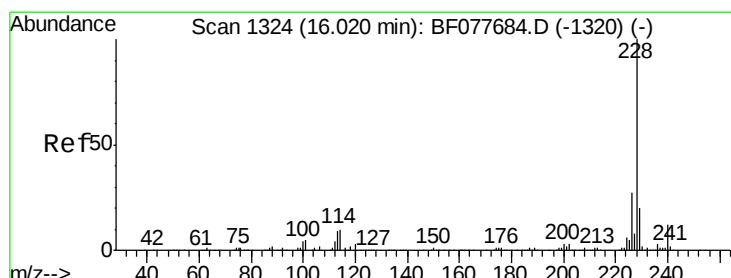
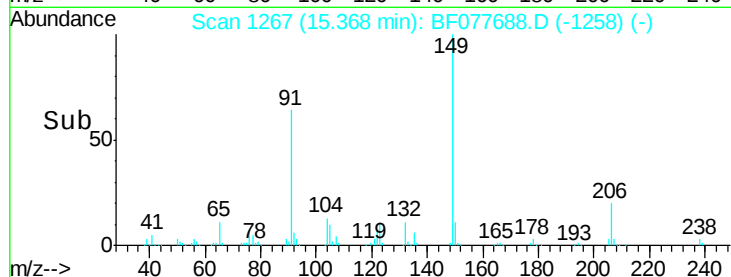
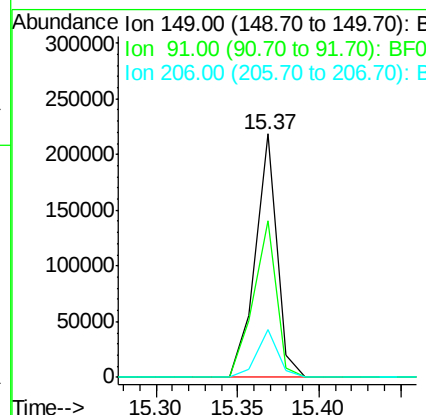
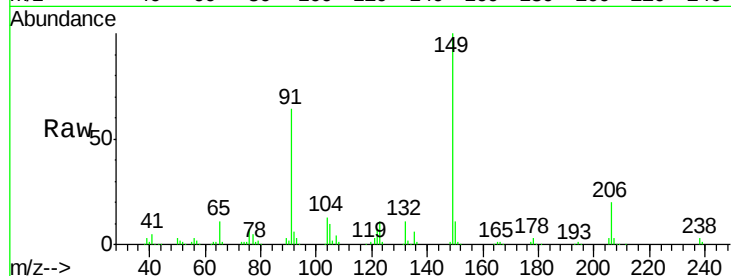
#79
Butylbenzylphthalate
Concen: 39.96 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	64.1	50.1	75.1
206	19.6	16.2	24.2

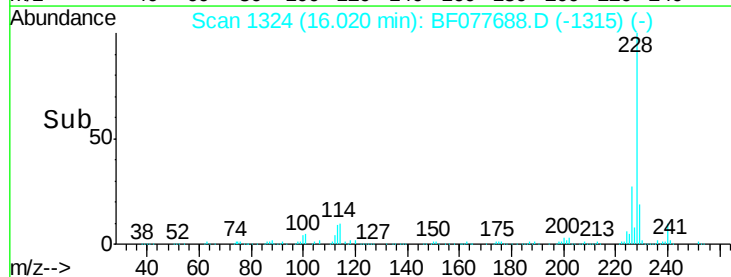
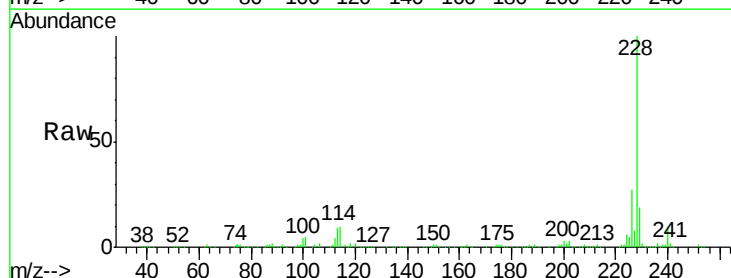
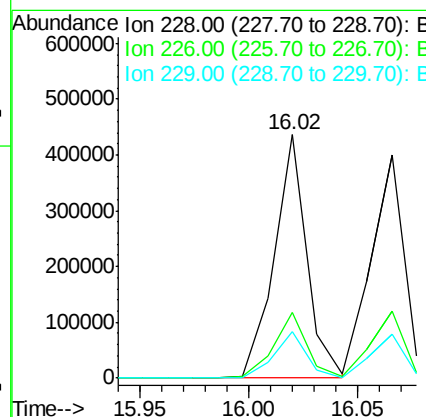
Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#80
Benzo(a)anthracene
Concen: 38.05 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.4	16.0	24.0





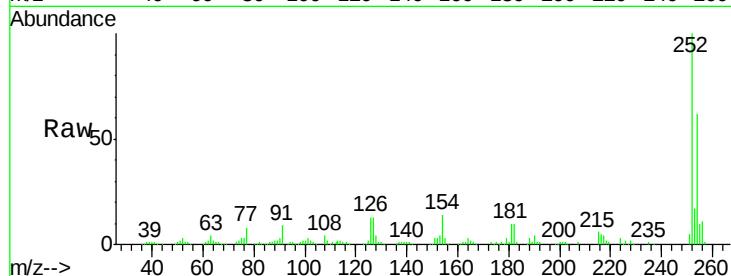
#81
 3,3'-Dichlorobenzidine
 Concen: 37.71 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

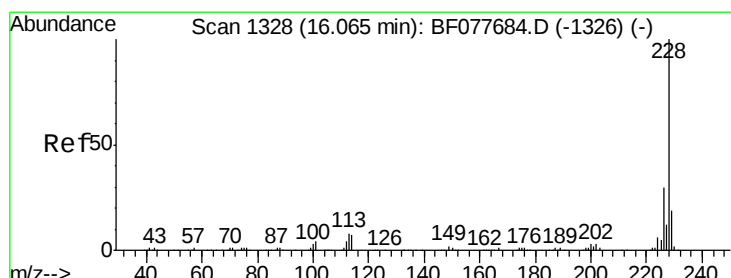
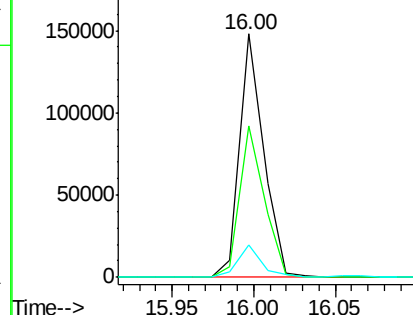
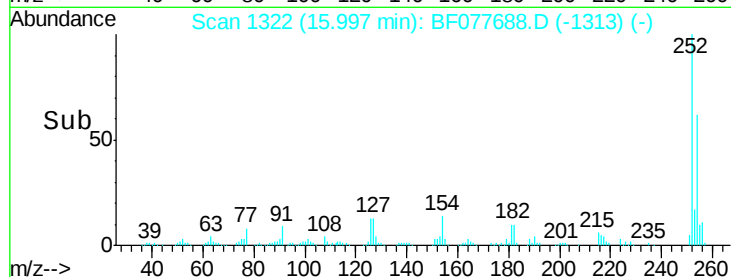
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.3	51.9	77.9
126	13.3	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM

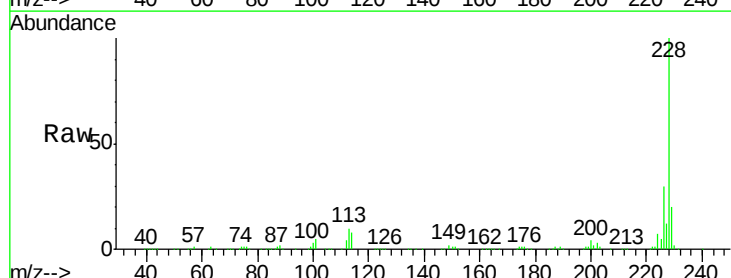


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

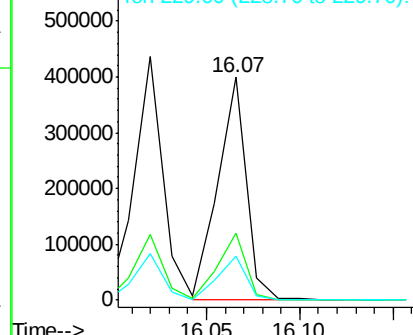
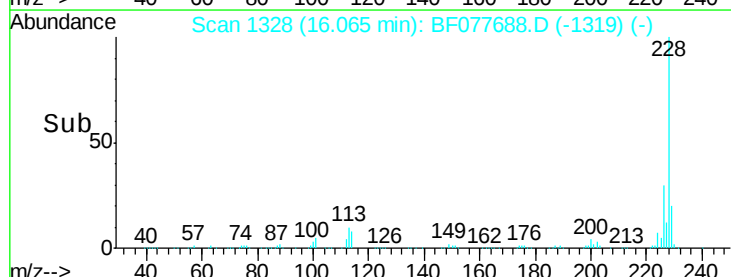


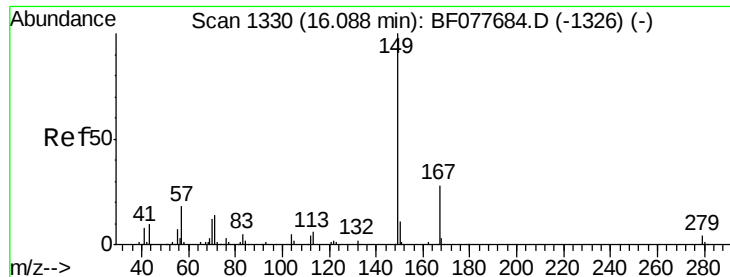
#82
 Chrysene
 Concen: 38.77 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.6	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.08 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Instrument :

BNA_F

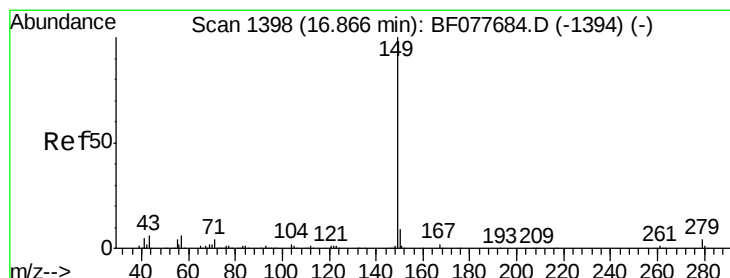
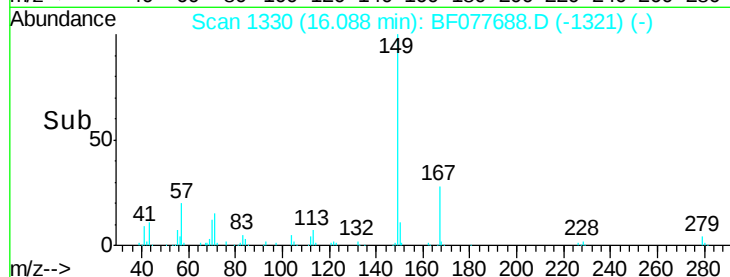
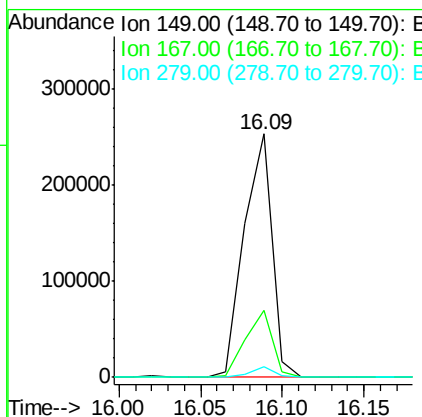
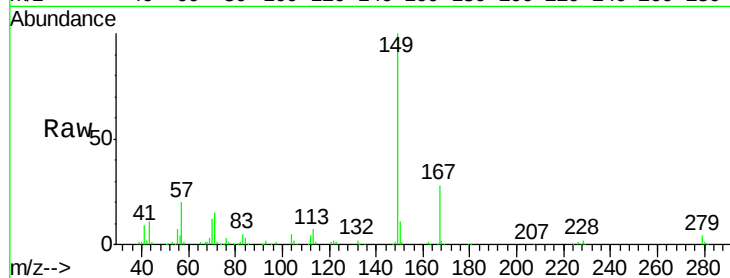
ClientSampleId :

ICVBF031115

Tot Ion:	149	Resp:	299743
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.4	33.6
279	4.2	3.4	5.0

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



#84

Di-n-octyl phthalate

Concen: 37.82 ng

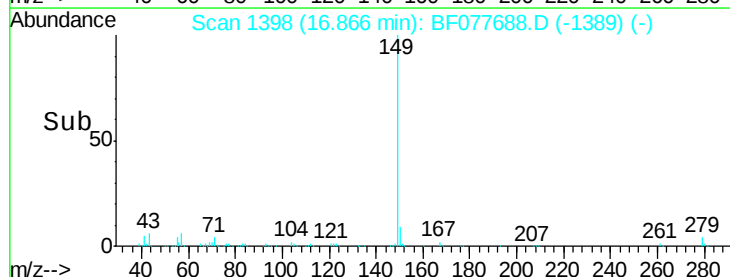
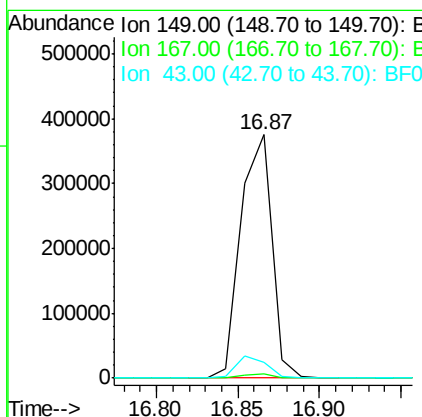
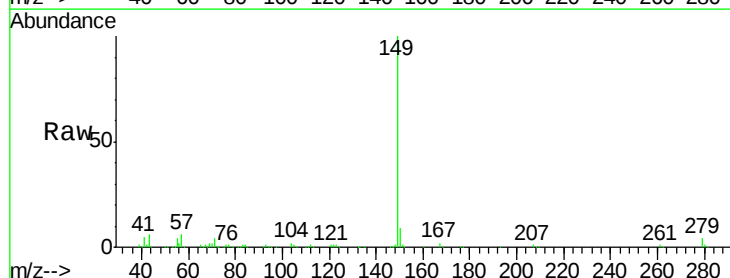
RT: 16.87 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF077688.D

Acq: 11 Mar 2015 14:36

Tgt Ion:	149	Resp:	496002
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.0	7.3	10.9





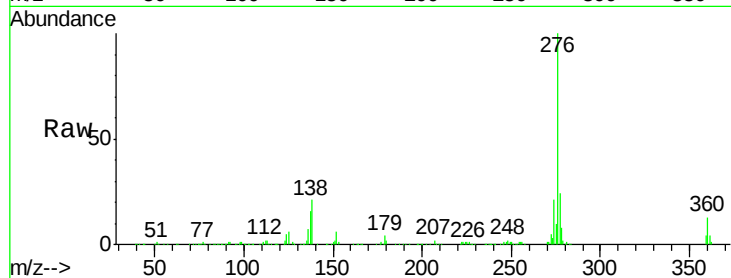
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.83 ng
RT: 19.11 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

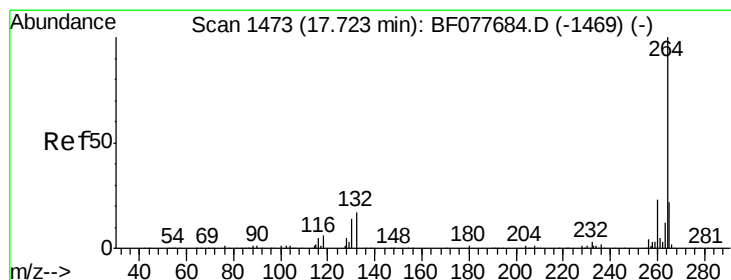
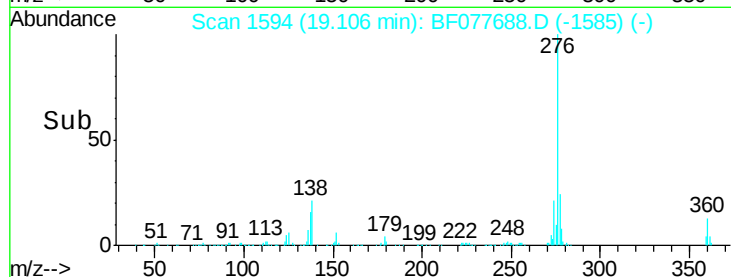
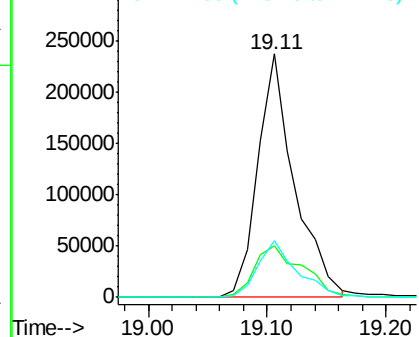
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.5	0.0	0.0#
277	24.8	0.0	0.0#

Manual Integrations
APPROVED

mohammad
3/13/2015 9:40:15 AM



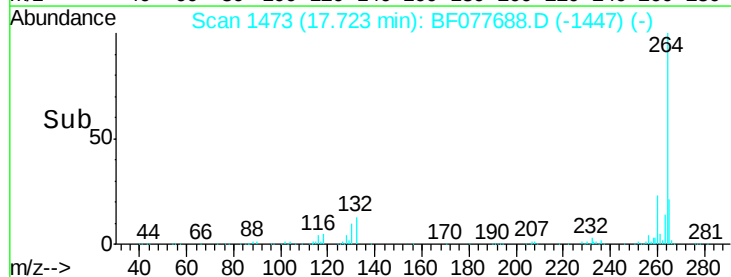
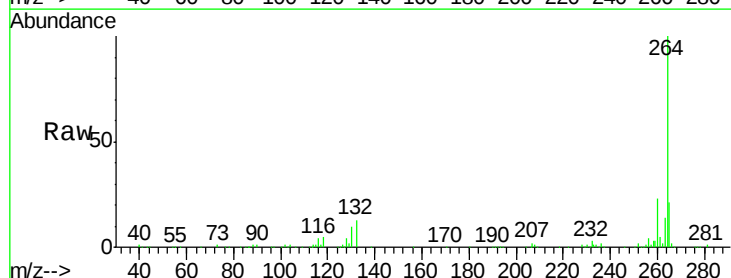
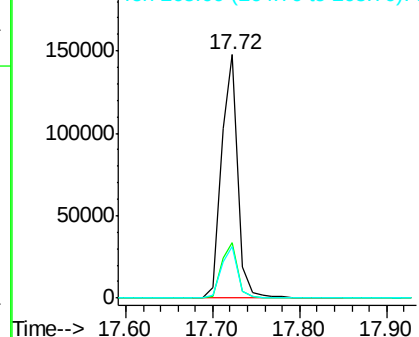
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

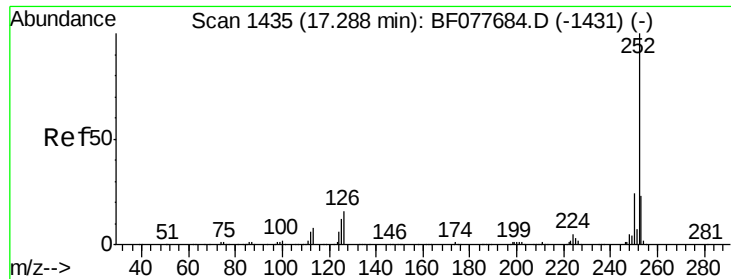


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.6	18.6	27.8
265	21.1	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





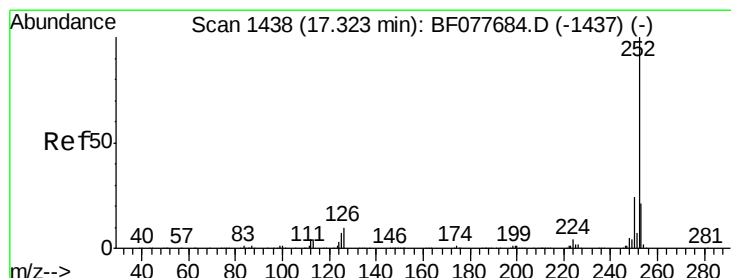
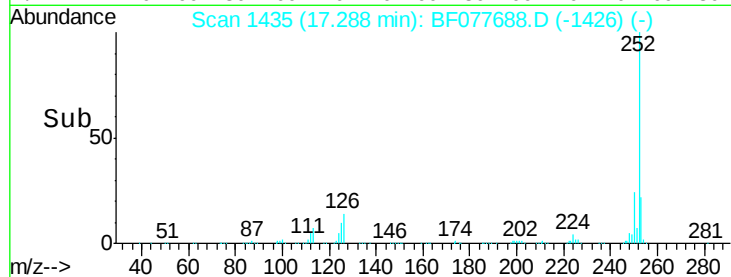
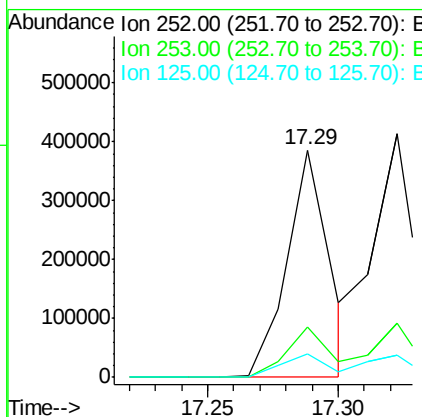
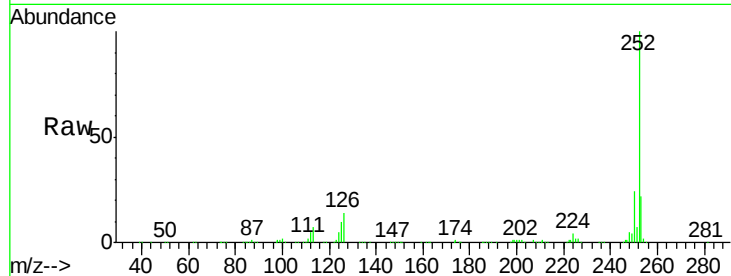
#87
Benzo(b)fluoranthene
Concen: 34.13 ng
RT: 17.29 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.4	9.9	14.9

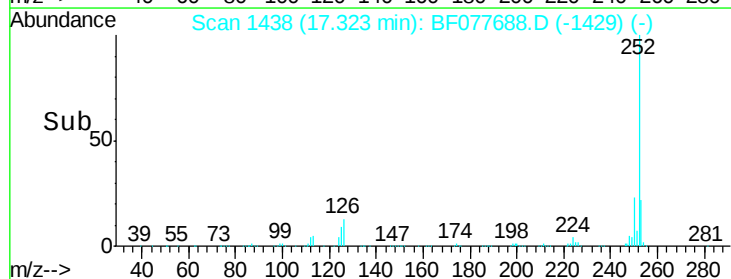
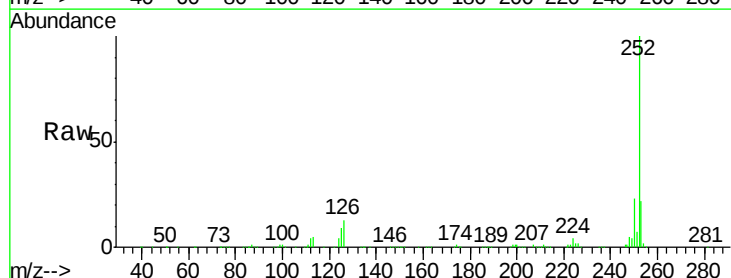
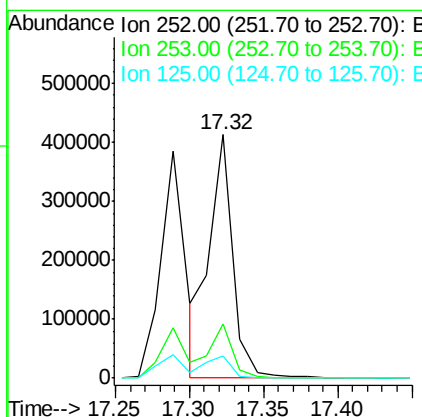
Manual Integrations
APPROVED

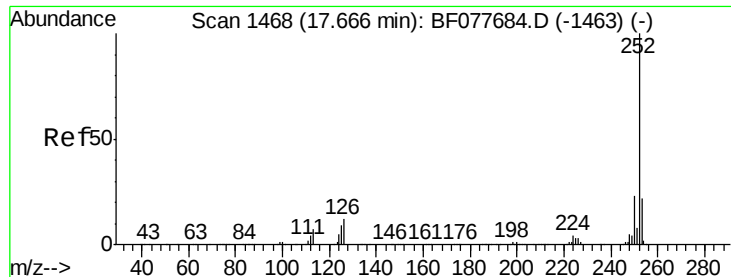
mohammad
3/13/2015 9:40:15 AM



#88
Benzo(k)fluoranthene
Concen: 46.75 ng m
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.2	8.1	12.1





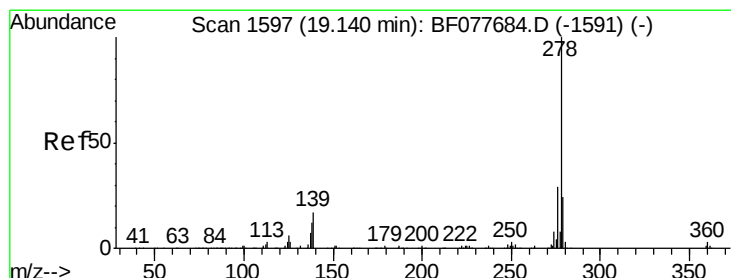
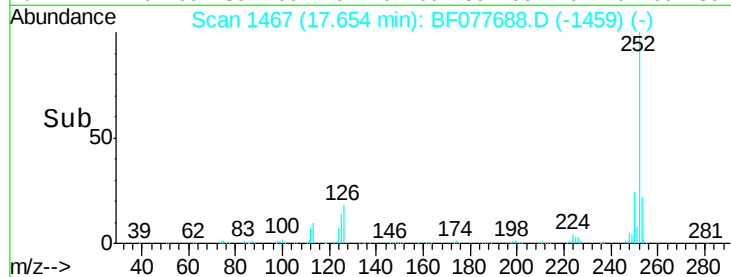
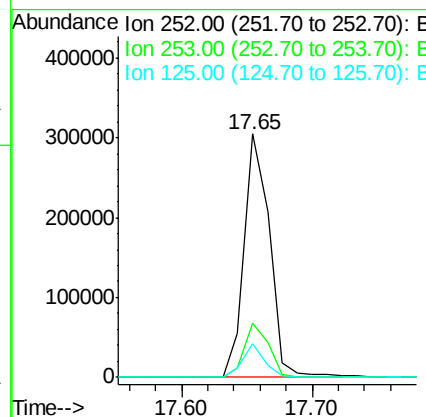
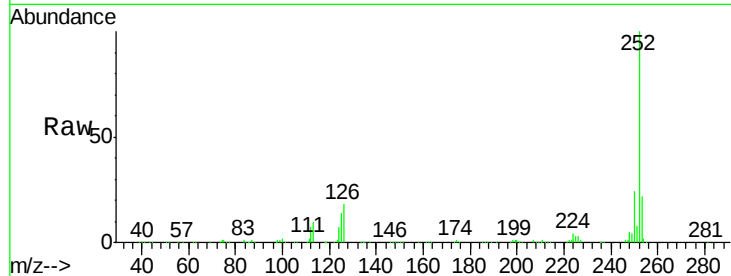
#89
Benzo(a)pyrene
Concen: 39.01 ng
RT: 17.65 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.8	7.4	11.2

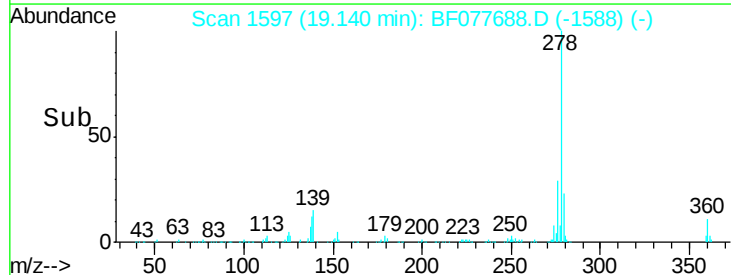
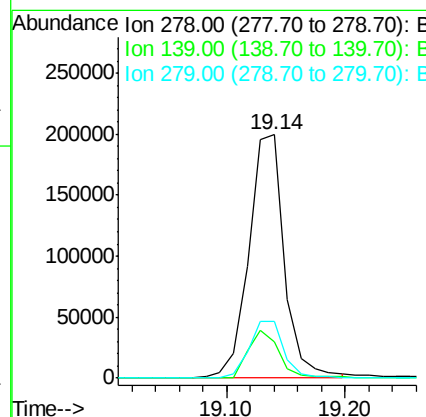
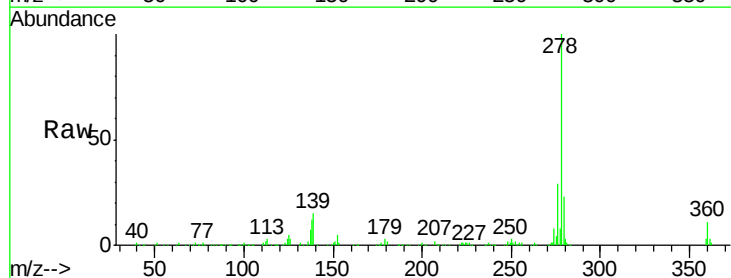
Manual Integrations
APPROVED

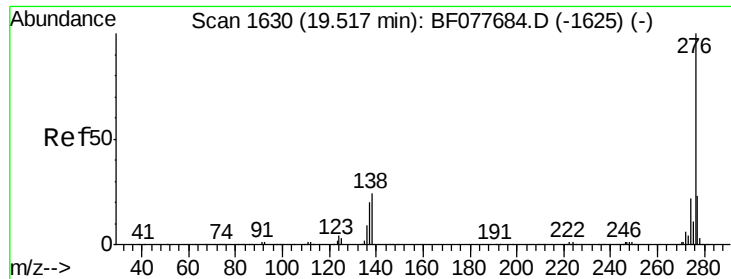
mohammad
3/13/2015 9:40:15 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.86 ng
RT: 19.14 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF077688.D
Acq: 11 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.4	20.0
279	23.1	19.0	28.4





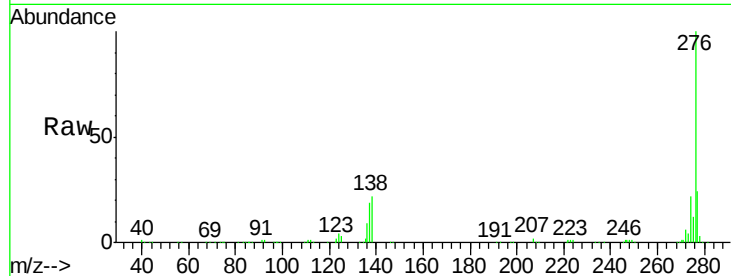
#91
 Benzo(a,h,i)perylene
 Concen: 39.00 ng
 RT: 19.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF077688.D
 Acq: 11 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031115

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	22.2	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:40:15 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

