

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092801.D
 Acq On : 6 Feb 2017 17:48
 Operator : SJ/MA
 Sample : PB96743BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Manual Integrations
 APPROVED

mohammad
 2/7/2017 3:14:23 PM

Quant Time: Feb 07 01:30:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	137451m	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	580289	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	307822	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	521509	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	495761	20.00	ng	0.00
86) Perylene-d12	15.54	264	435937	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1128067	140.80	ng	0.02
7) Phenol-d6	6.57	99	1423313	138.07	ng	0.01
23) Nitrobenzene-d5	7.48	82	819183	78.61	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	309856	139.18	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1515770	89.21	ng	0.00
78) Terphenyl-d14	13.02	244	1444476	68.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	148021	34.19	ng	# 83
3) Pyridine	3.34	79	432429	39.28	ng	# 85
4) n-Nitrosodimethylamine	3.30	42	221985	42.95	ng	82
6) Aniline	6.58	93	279316m	19.86	ng	
8) 2-Chlorophenol	6.70	128	399697	45.22	ng	97
9) Benzaldehyde	6.46	77	243851	33.02	ng	97
10) Phenol	6.58	94	576202	47.78	ng	80
11) bis(2-Chloroethyl)ether	6.66	93	425688	44.22	ng	99
12) 1,3-Dichlorobenzene	6.85	146	428877m	41.43	ng	
13) 1,4-Dichlorobenzene	6.93	146	462378	44.13	ng	97
14) 1,2-Dichlorobenzene	7.09	146	415534	41.47	ng	# 93
15) Benzyl Alcohol	7.06	79	331992	43.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	680082	40.66	ng	93
17) 2-Methylphenol	7.18	107	351326	46.33	ng	97
18) Hexachloroethane	7.42	117	149835	41.89	ng	90
19) n-Nitroso-di-n-propylamine	7.33	70	286865	43.72	ng	95
20) 3+4-Methylphenols	7.33	107	402853	44.44	ng	94
22) Acetophenone	7.33	105	523111	39.48	ng	# 89
24) Nitrobenzene	7.50	77	471776	44.09	ng	90
25) Isophorone	7.74	82	813154	41.88	ng	98
26) 2-Nitrophenol	7.81	139	214258	42.12	ng	94
27) 2,4-Dimethylphenol	7.86	122	375679	42.06	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	503020	39.11	ng	98
29) 2,4-Dichlorophenol	8.06	162	389947	46.81	ng	95
30) 1,2,4-Trichlorobenzene	8.14	180	388163	43.24	ng	99
31) Naphthalene	8.22	128	1191175	40.49	ng	99
32) Benzoic acid	7.98	122	227214	45.36	ng	96
33) 4-Chloroaniline	8.27	127	116076	10.06	ng	99
34) Hexachlorobutadiene	8.34	225	201547	40.80	ng	99
35) Caprolactam	8.65	113	123746m	47.22	ng	
36) 4-Chloro-3-methylphenol	8.76	107	370069	42.61	ng	98
37) 2-Methylnaphthalene	8.91	142	762292	40.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	362277	41.93	ng	99
40) Hexachlorocyclopentadiene	9.07	237	322238	82.66	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092801.D
 Acq On : 6 Feb 2017 17:48
 Operator : SJ/MA
 Sample : PB96743BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Manual Integrations
 APPROVED

mohammad
 2/7/2017 3:14:23 PM

Quant Time: Feb 07 01:30:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	267501	47.11	nq	95
43) 2,4,5-Trichlorophenol	9.24	196	278442m	44.76	nq	
45) 1,1'-Biphenyl	9.38	154	997931	44.77	nq	99
46) 2-Chloronaphthalene	9.40	162	754308	43.26	nq	97
47) 2-Nitroaniline	9.50	65	260760	44.48	nq	# 78
48) Acenaphthylene	9.81	152	1218705	40.46	nq	99
49) Dimethylphthalate	9.68	163	901087	43.46	nq	98
50) 2,6-Dinitrotoluene	9.74	165	219114	48.93	nq	96
51) Acenaphthene	9.98	154	779484	43.28	nq	96
52) 3-Nitroaniline	9.90	138	80186	15.65	nq	96
53) 2,4-Dinitrophenol	10.02	184	166580	73.54	nq	# 73
54) Dibenzofuran	10.17	168	1092135	45.34	nq	# 88
55) 4-Nitrophenol	10.09	139	307021	83.19	nq	90
56) 2,4-Dinitrotoluene	10.14	165	254308	42.66	nq	97
57) Fluorene	10.51	166	846405	45.67	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.28	232	216375	52.14	nq	97
59) Diethylphthalate	10.38	149	919414	47.05	nq	# 93
60) 4-Chlorophenyl-phenylether	10.50	204	392964	44.14	nq	# 79
61) 4-Nitroaniline	10.53	138	240117	45.75	nq	86
62) Azobenzene	10.66	77	976125	48.35	nq	92
64) 4,6-Dinitro-2-methylphenol	10.56	198	130046	41.36	nq	78
65) n-Nitrosodiphenylamine	10.61	169	714357	42.88	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	247050	45.34	nq	# 79
67) Hexachlorobenzene	11.05	284	225868	41.95	nq	# 80
68) Atrazine	11.15	200	253695	47.45	nq	92
69) Pentachlorophenol	11.25	266	268384	95.07	nq	98
70) Phenanthrene	11.47	178	1346822	45.08	nq	98
71) Anthracene	11.52	178	1199271	39.97	nq	99
72) Carbazole	11.68	167	1211674	42.25	nq	99
73) Di-n-butylphthalate	12.00	149	1425871	45.97	nq	98
74) Fluoranthene	12.66	202	1378424	44.73	nq	92
76) Benzidine	12.77	184	328969	15.57	nq	96
77) Pyrene	12.89	202	1425600	38.42	nq	99
79) Butylbenzylphthalate	13.51	149	655967	43.54	nq	# 75
80) Benzo(a)anthracene	14.08	228	1244688	41.05	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	287589	26.61	nq	98
82) Chrysene	14.11	228	1144392	40.31	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	925456	44.92	nq	99
84) Di-n-octyl phthalate	14.67	149	1646086	49.06	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	897713	40.82	nq	96
87) Benzo(b)fluoranthene	15.12	252	1176915	41.02	nq	97
88) Benzo(k)fluoranthene	15.14	252	1039824m	41.97	nq	
89) Benzo(a)pyrene	15.47	252	1050411	42.32	nq	# 97
90) Dibenzo(a,h)anthracene	17.00	278	753860	37.58	nq	98
91) Benzo(g,h,i)perylene	17.43	276	753435	37.18	nq	# 95

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

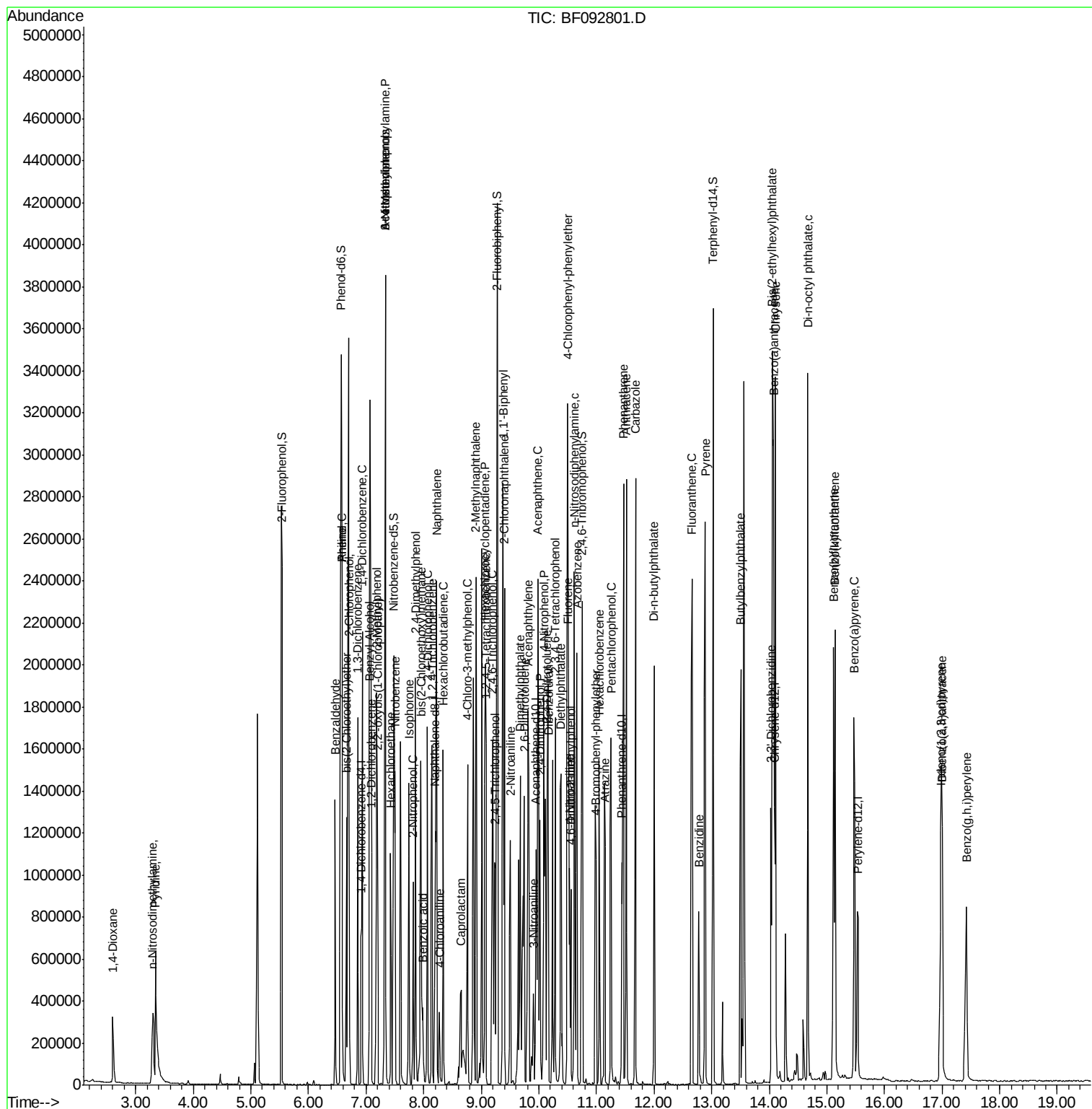
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092801.D
Acq On : 6 Feb 2017 17:48
Operator : SJ/MA
Sample : PB96743BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

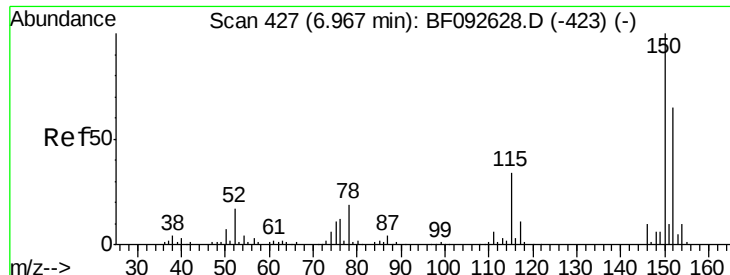
Instrument :
BNA_F
ClientSampleId :
PB96743BS

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM

Quant Time: Feb 07 01:30:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 01:19:37 2017
Response via : Initial Calibration





#1

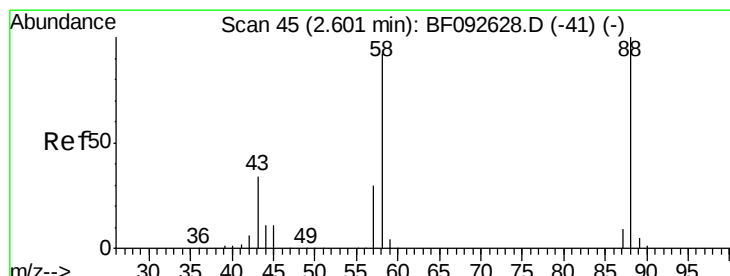
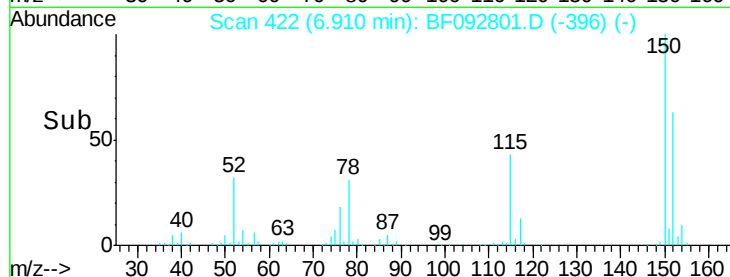
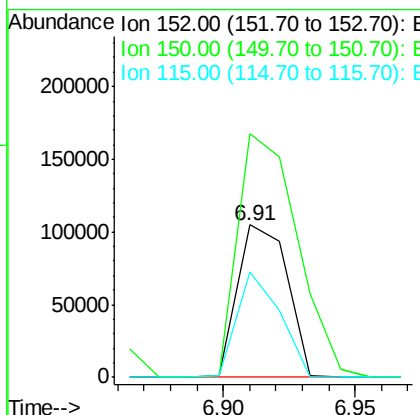
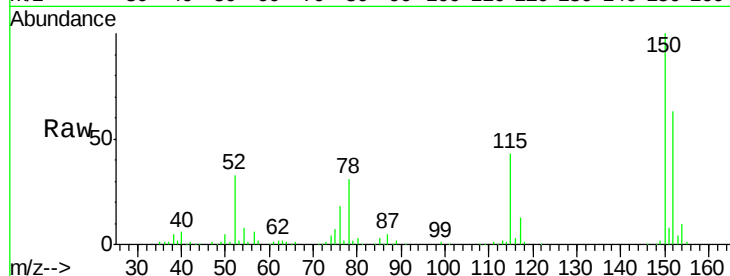
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	69.2	46.0	69.0

Manual Integrations
APPROVED

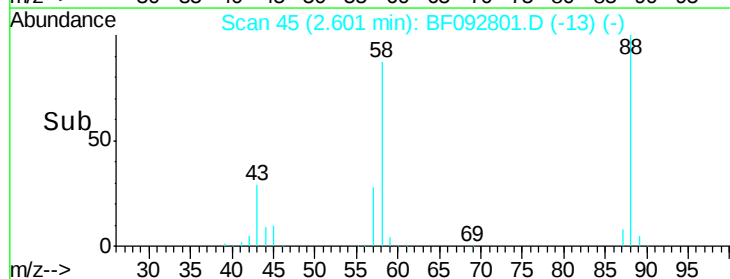
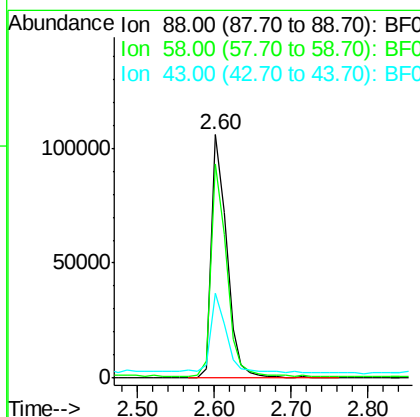
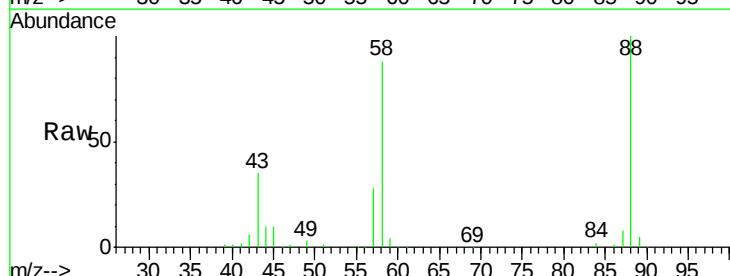
mohammad
2/7/2017 3:14:23 PM

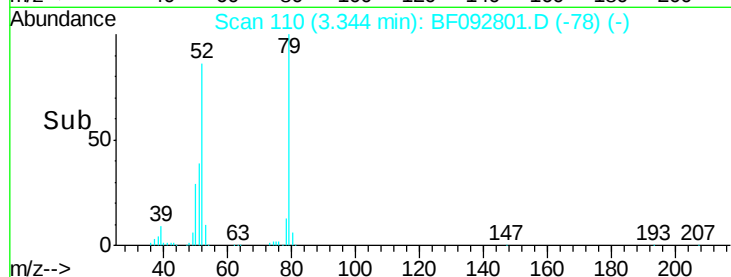
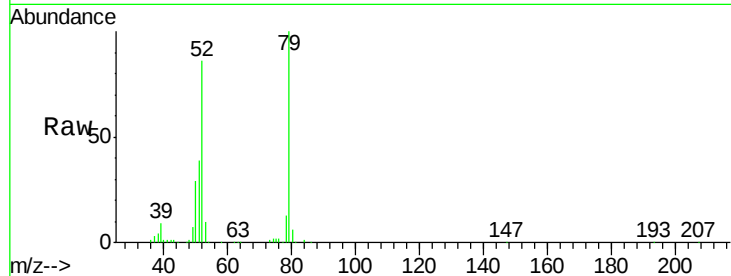


#2

1,4-Dioxane
Concen: 34.19 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.07 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	57.8	86.8
43	36.7	22.3	33.5





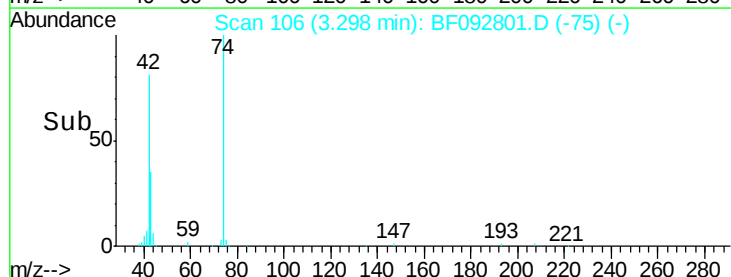
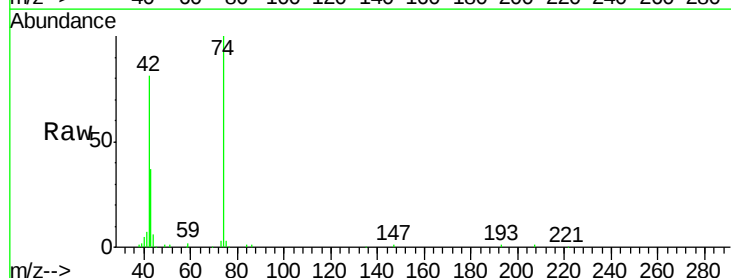
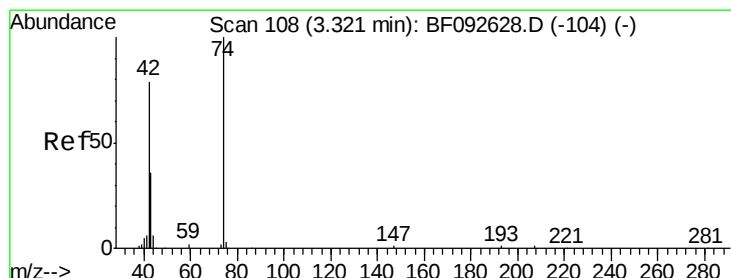
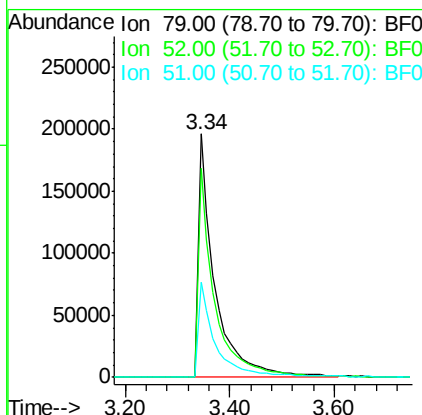
#3
Pvridine
Concen: 39.28 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.07 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.0	57.1	85.7#
51	39.1	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
PB96743BS

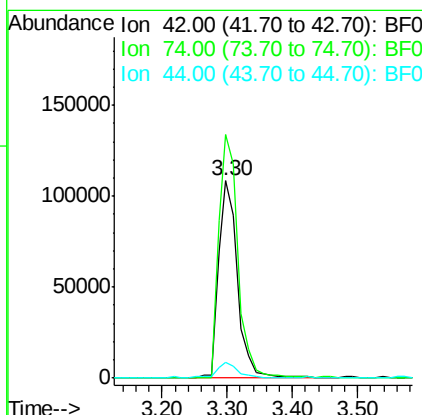
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#4
n-Nitrosodimethylamine
Concen: 42.95 ng
RT: 3.30 min Scan# 106
Delta R.T. 0.06 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.3	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 140.80 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.02 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

ClientSampleId :

PB96743BS

Tot Ion:112 Resp: 1128067

Ion Ratio Lower Upper

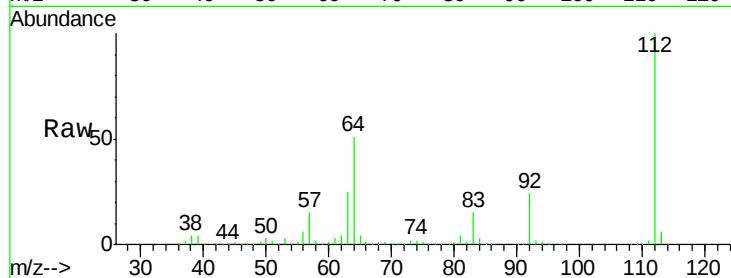
112 100

64 51.1 46.1 69.1

63 25.1 23.8 35.6

Manual Integrations
APPROVED

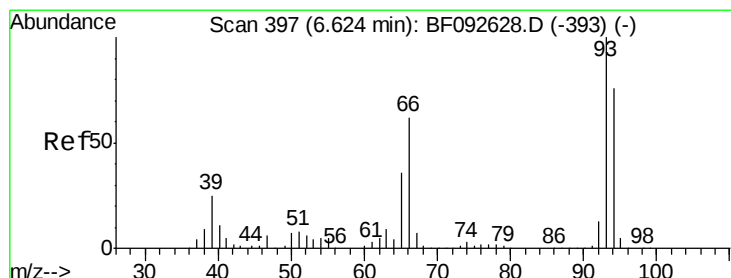
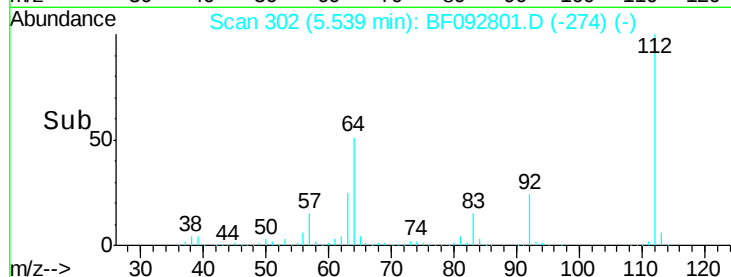
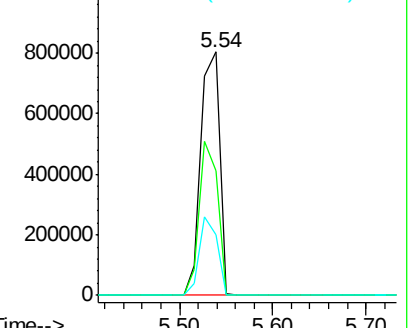
mohammad
2/7/2017 3:14:23 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.86 ng m

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

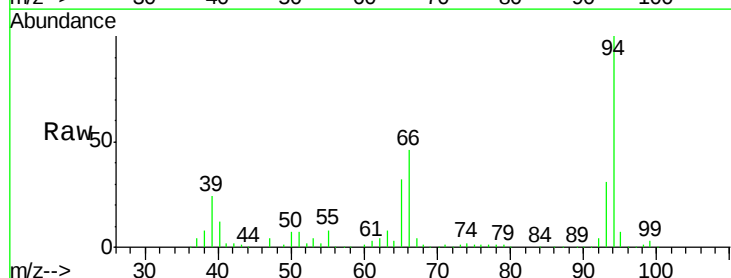
Tgt Ion: 93 Resp: 279316

Ion Ratio Lower Upper

93 100

66 149.3 76.2 114.2#

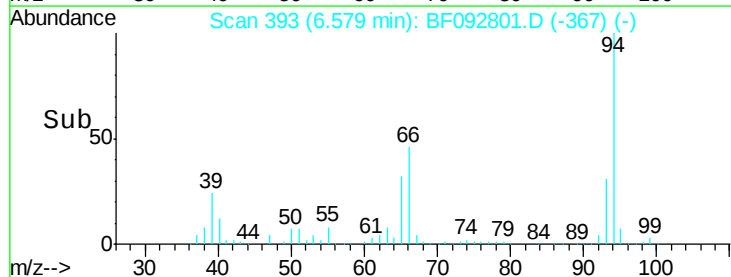
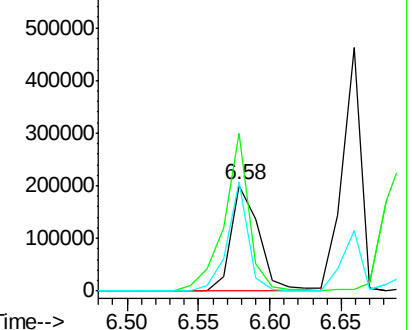
65 103.1 49.3 73.9#

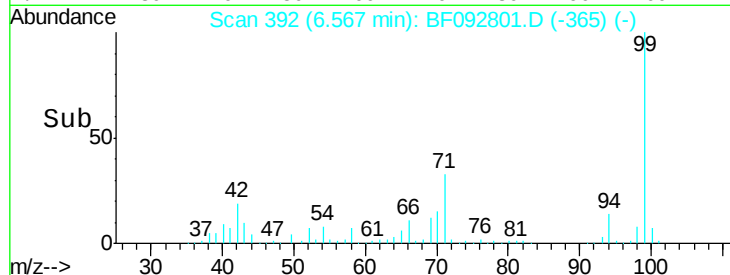
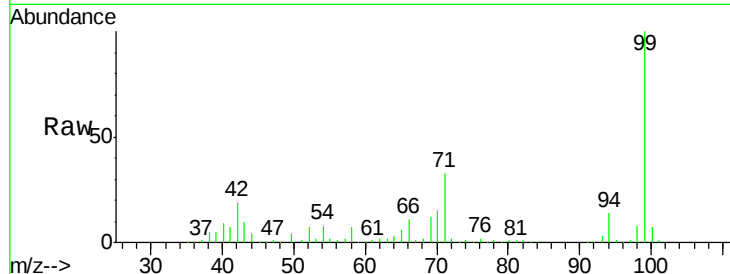
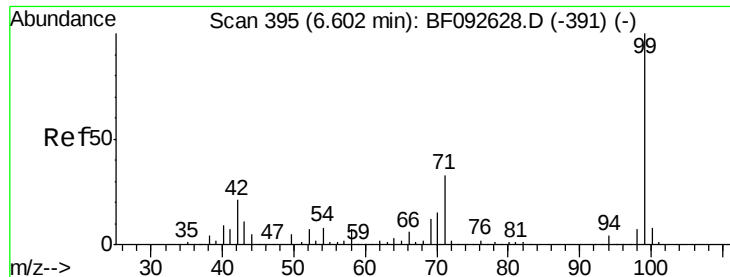


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





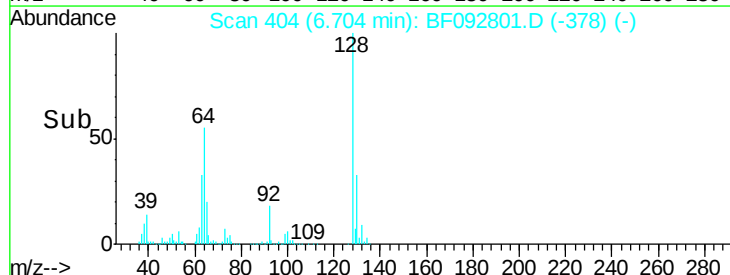
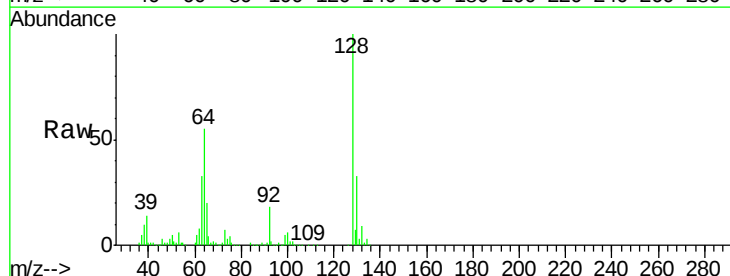
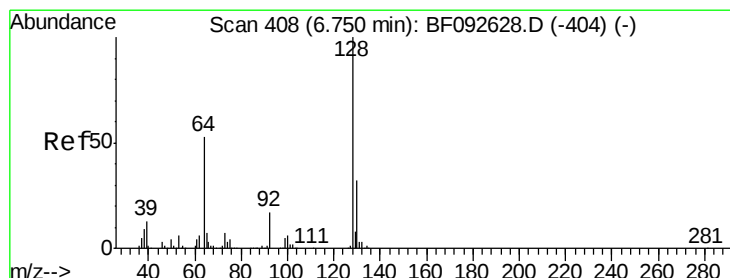
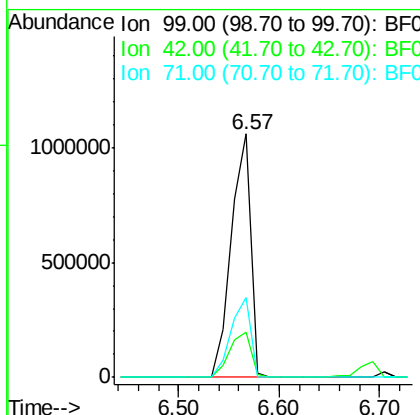
#7
Phenol-d6
Concen: 138.07 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tot Ion: 99 Resp: 1423313
Ion Ratio Lower Upper
99 100
42 18.8 15.6 23.4
71 32.8 27.5 41.3

Instrument :
BNA_F
ClientSampled :
PB96743BS

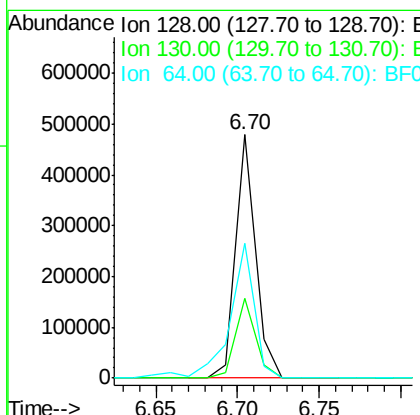
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#8
2-Chlorophenol
Concen: 45.22 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion:128 Resp: 399697
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 55.2 32.2 72.2





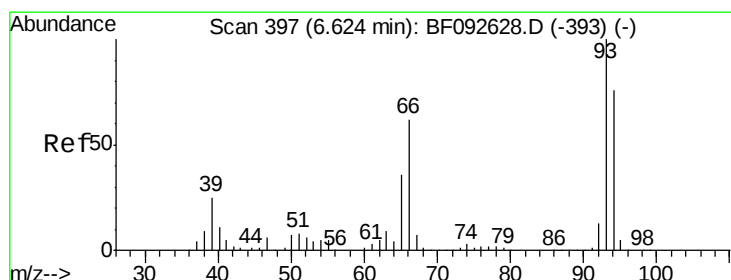
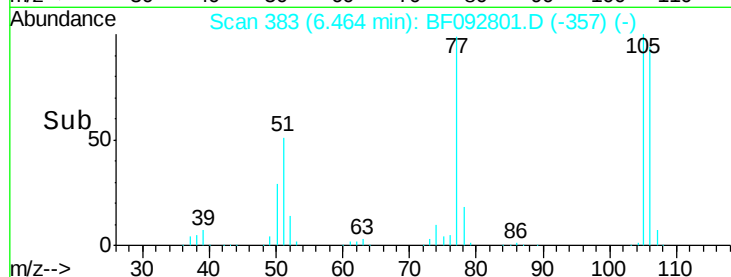
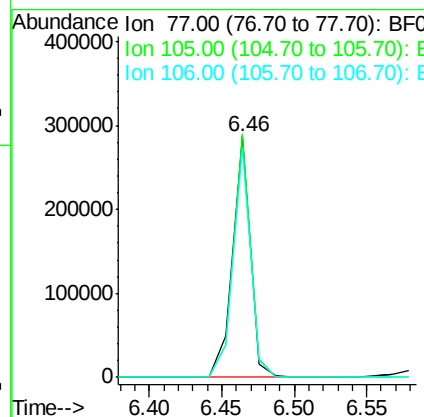
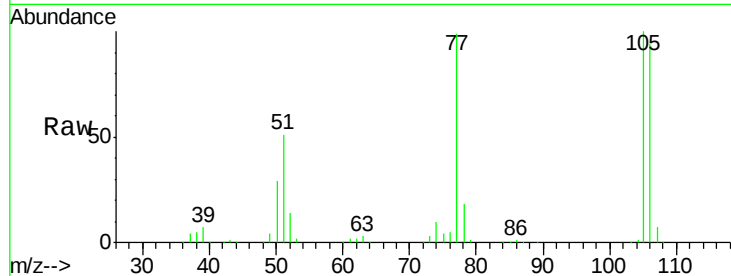
#9
Benzaldehyde
Concen: 33.02 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.1	83.9	123.9
106	95.2	77.6	117.6

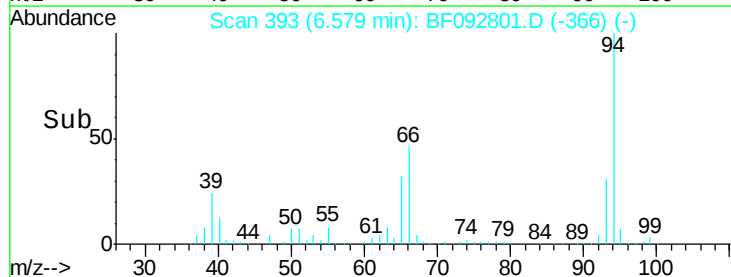
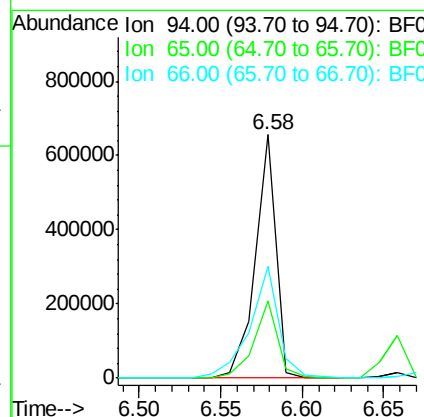
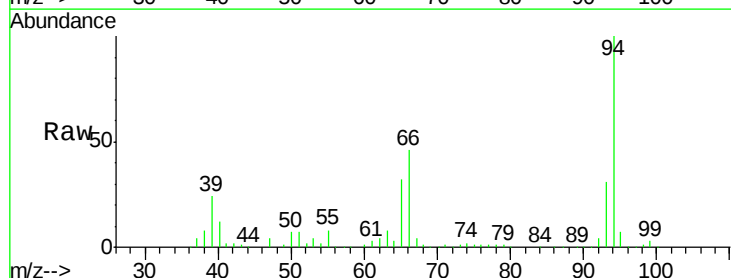
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#10
Phenol
Concen: 47.78 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	21.4	61.4
66	45.7	44.0	84.0





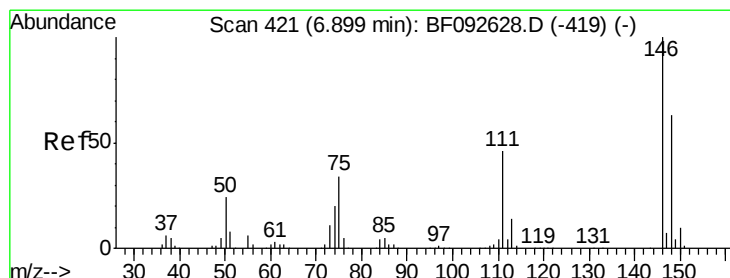
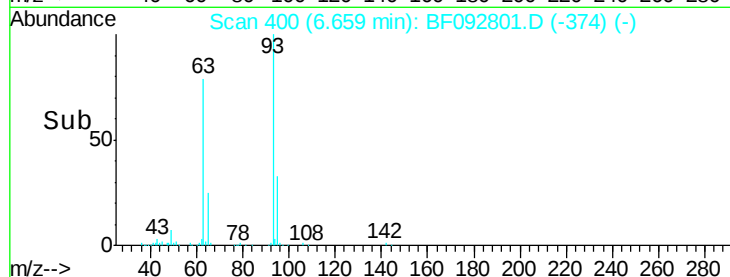
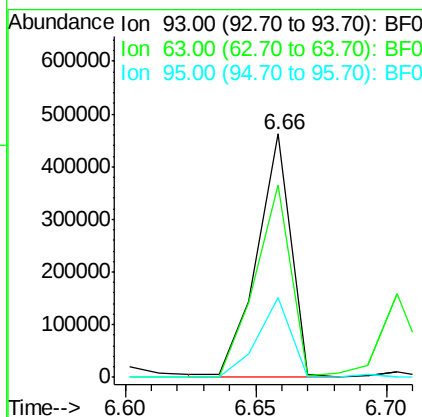
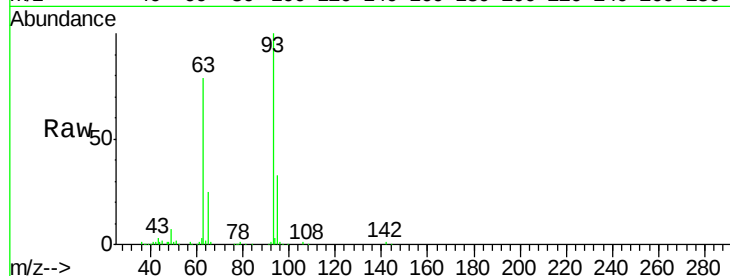
#11
bis(2-Chloroethyl)ether
Concen: 44.22 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	60.4	100.4
95	32.6	12.8	52.8

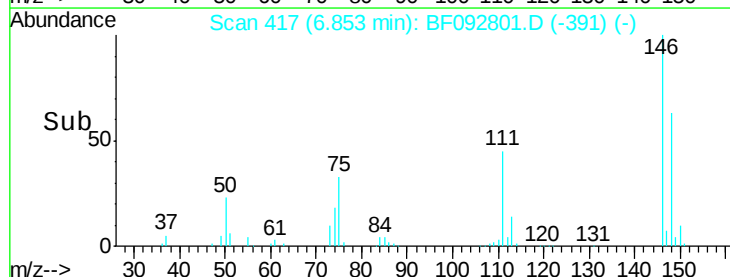
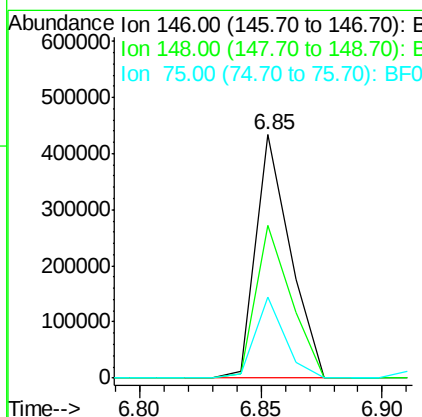
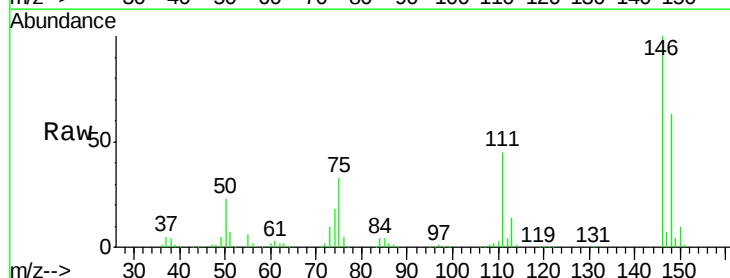
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#12
1,3-Dichlorobenzene
Concen: 41.43 ng m
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.0
75	33.5	18.5	27.7#





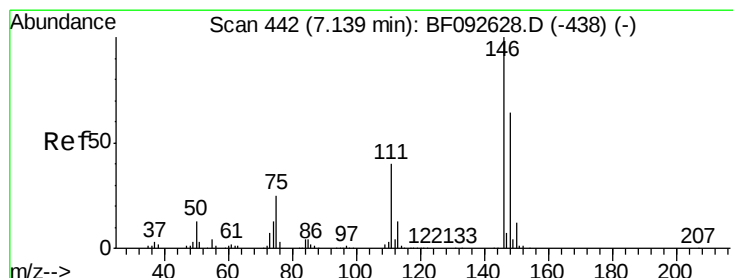
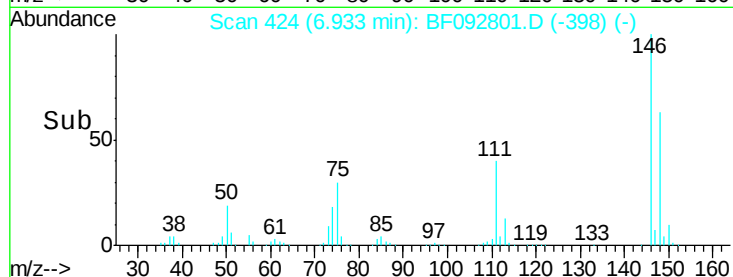
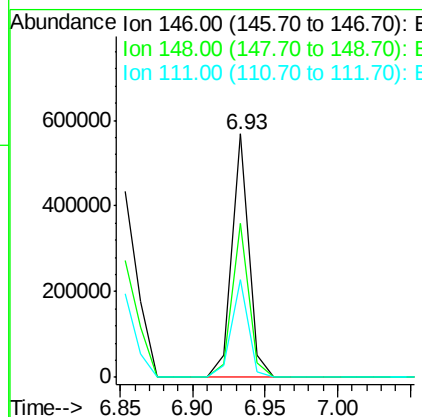
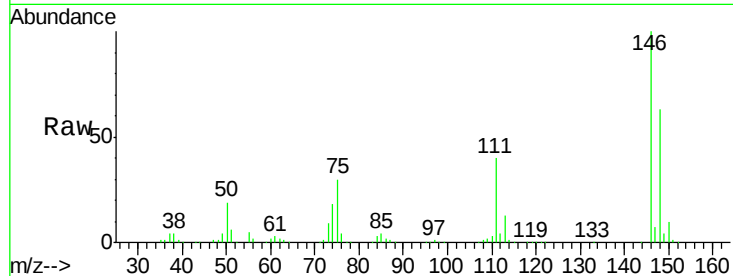
#13
 1,4-Dichlorobenzene
 Concen: 44.13 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	40.4	36.2	54.4

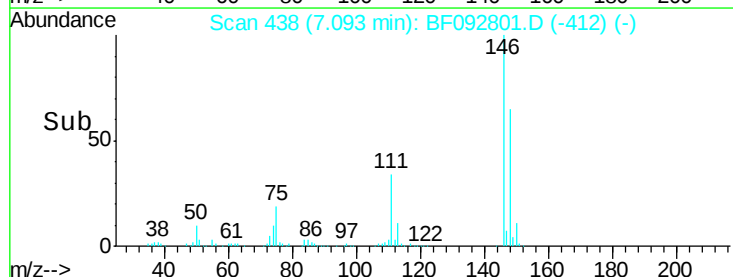
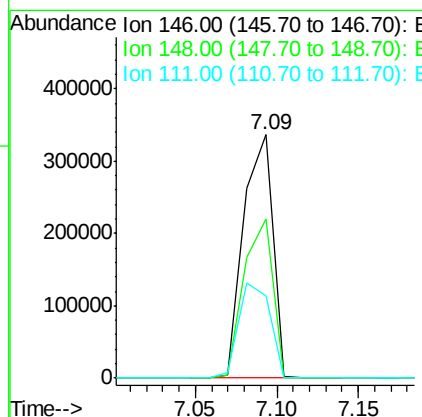
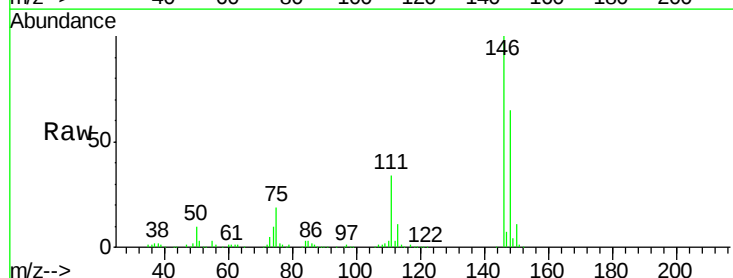
Manual Integrations
 APPROVED

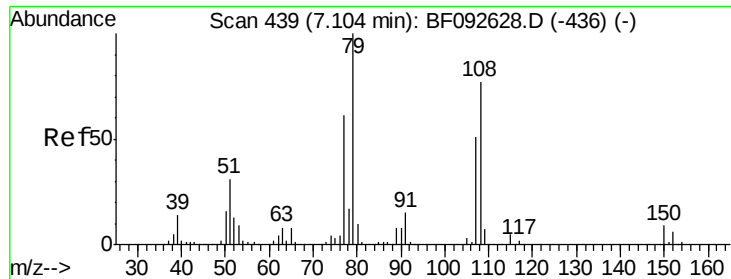
mohammad
 2/7/2017 3:14:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.47 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	34.1	36.2	54.2#





#15

Benzyl Alcohol

Concen: 43.50 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tot Ion:	79	Resp:	331992
Ion Ratio	Lower	Upper	
79	100		
108	74.3	61.4	92.0
77	59.6	50.9	76.3

Instrument :

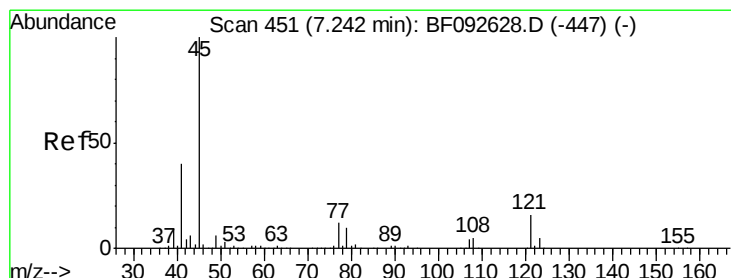
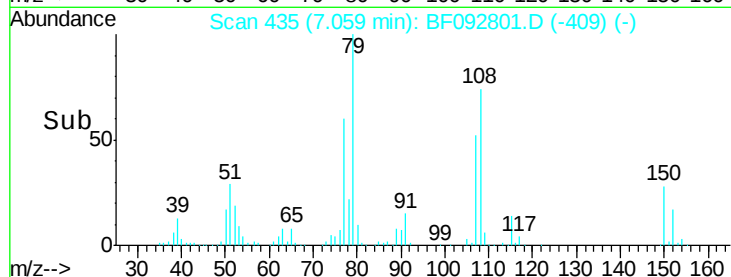
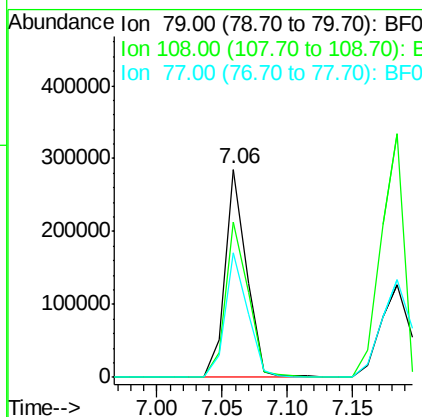
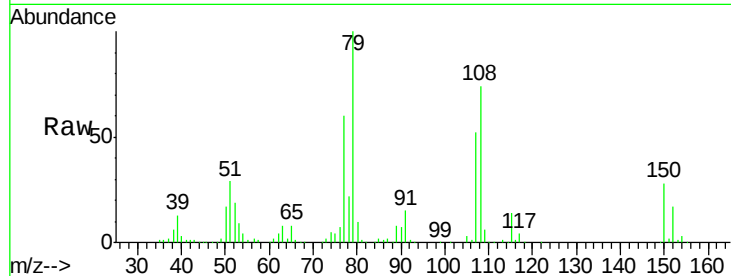
BNA_F

ClientSampleId :

PB96743BS

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.66 ng

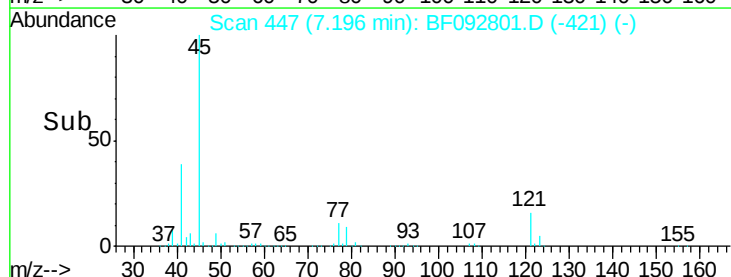
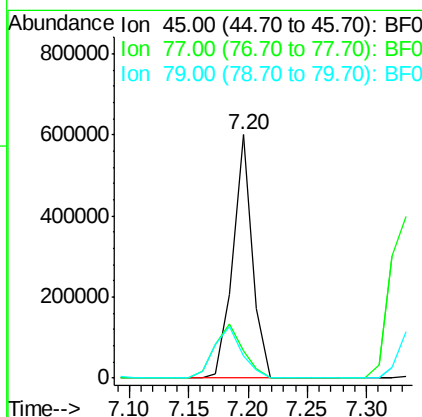
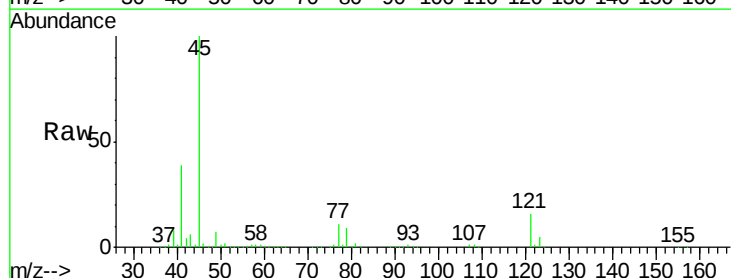
RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:	45	Resp:	680082
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	34.6
79	9.1	0.0	31.2





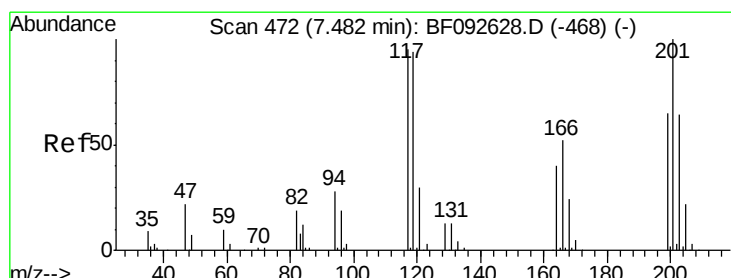
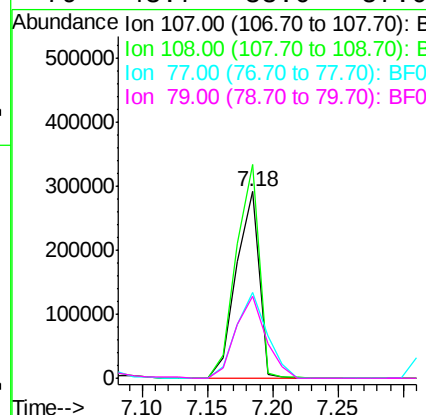
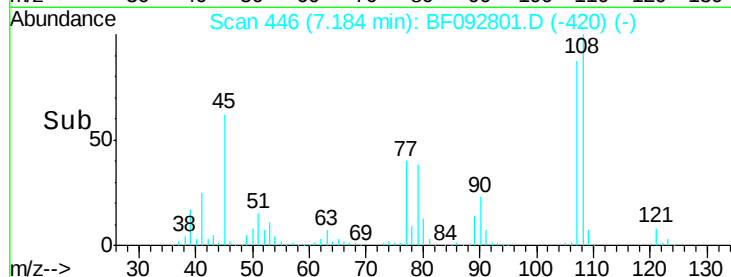
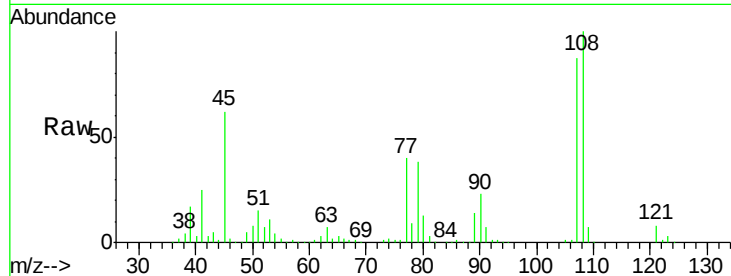
#17
2-Methylphenol
Concen: 46.33 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	93.0	139.6	
77	46.3	39.8	59.8	
79	43.7	38.0	57.0	

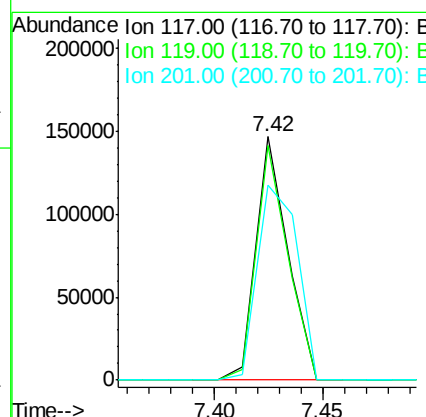
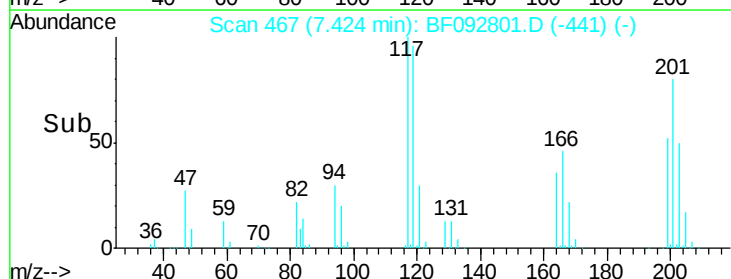
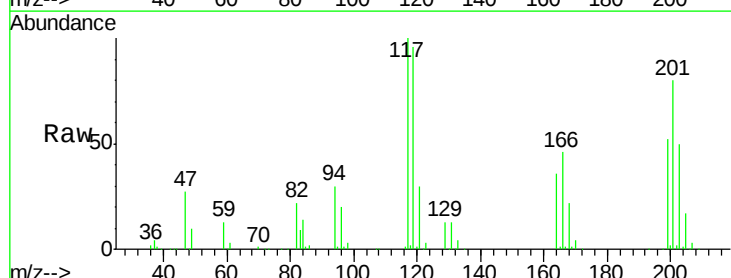
Manual Integrations
APPROVED

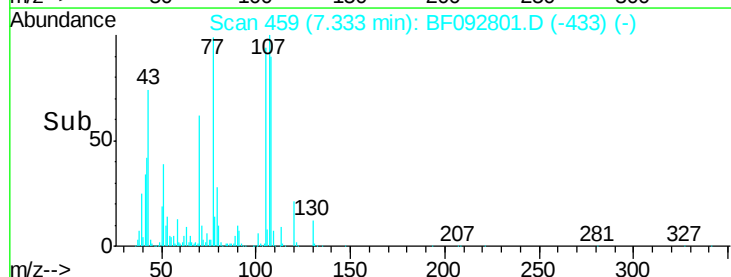
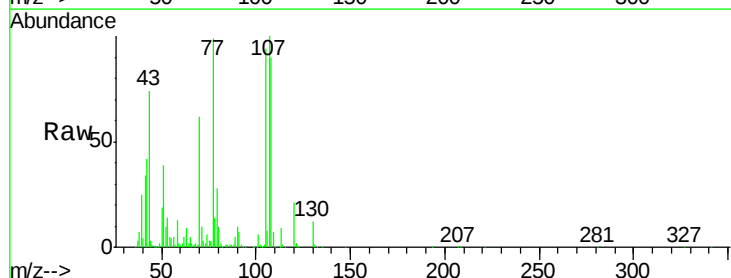
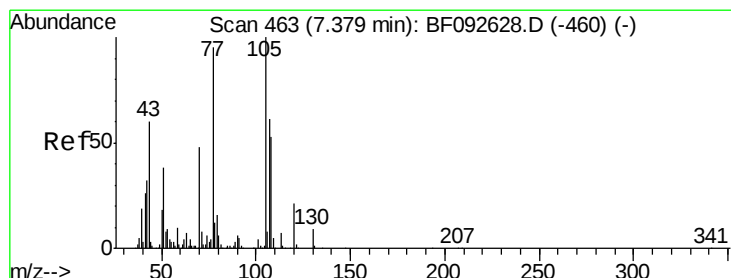
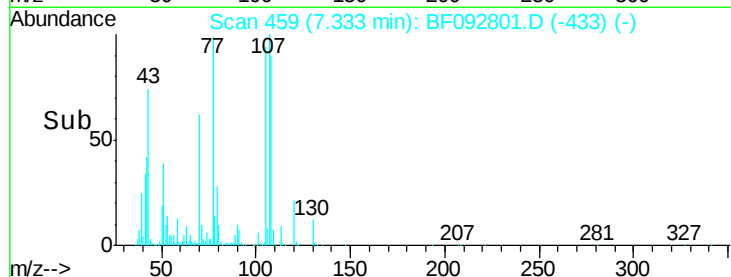
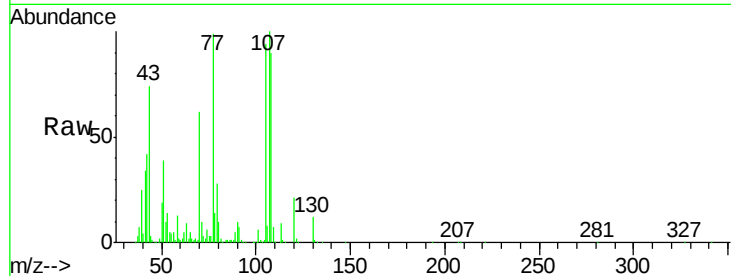
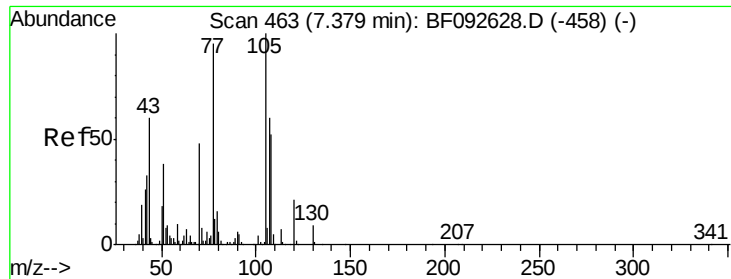
mohammad
2/7/2017 3:14:23 PM



#18
Hexachloroethane
Concen: 41.89 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

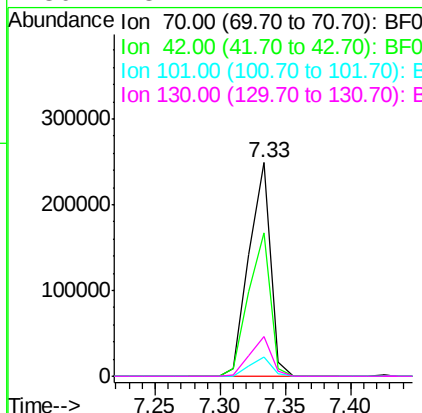
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	80.3	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 43.72 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tot Ion	Ratio	Resp	Lower	Upper
70	100	286865		
42	66.9		49.4	74.0
101	9.2		7.4	11.2
130	18.7		14.2	21.4



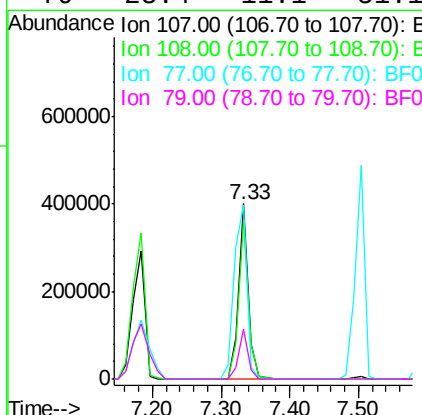
Instrument :
BNA_F
ClientSampleId :
PB96743BS

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM

#20
3+4-Methylphenols
Concen: 44.44 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	402853		
108	90.2		73.0	113.0
77	99.5		71.3	111.3
79	28.4		11.1	51.1





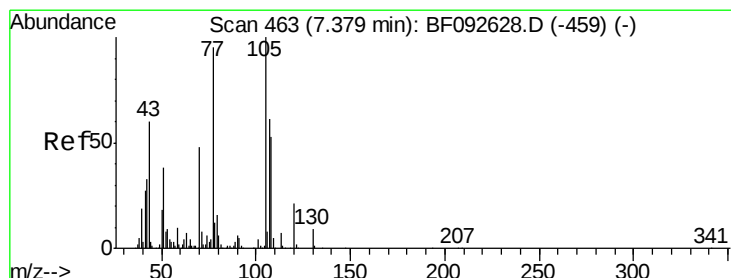
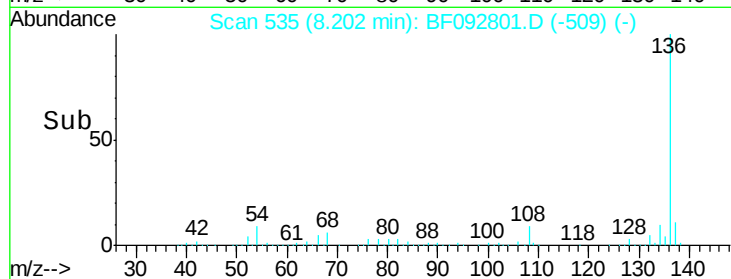
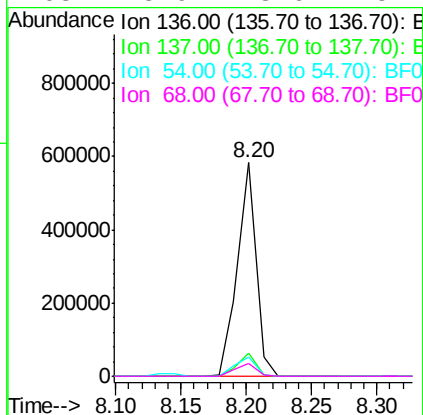
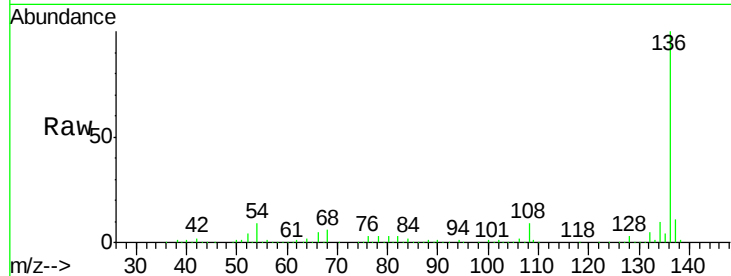
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	580289		
137	10.8		8.4	12.6
54	8.8		4.5	6.7#
68	5.9		3.6	5.4#

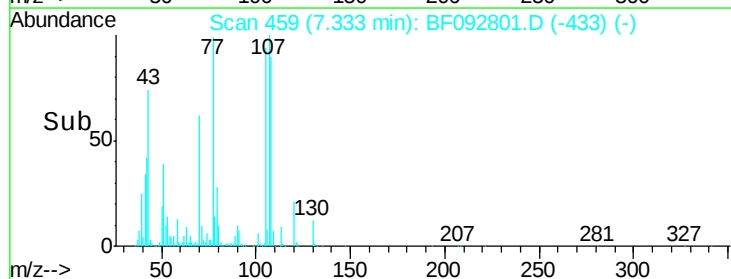
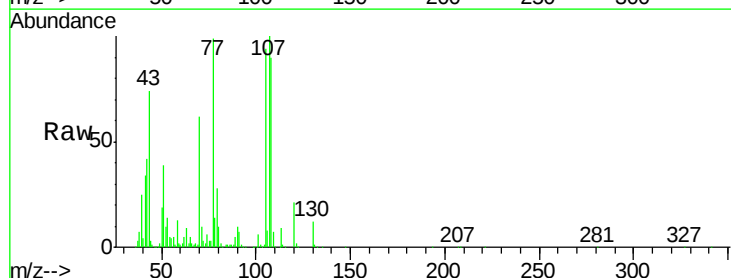
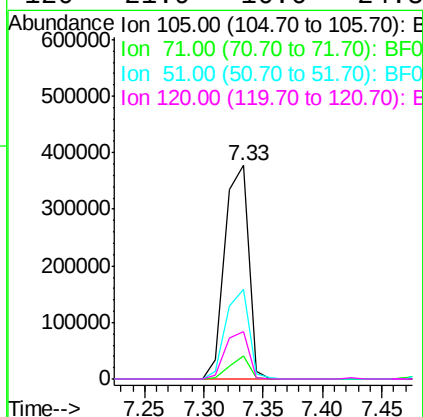
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#22
Acetophenone
Concen: 39.48 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523111		
71	10.8		3.2	4.8#
51	41.7		26.2	39.4#
120	21.9		16.6	24.8





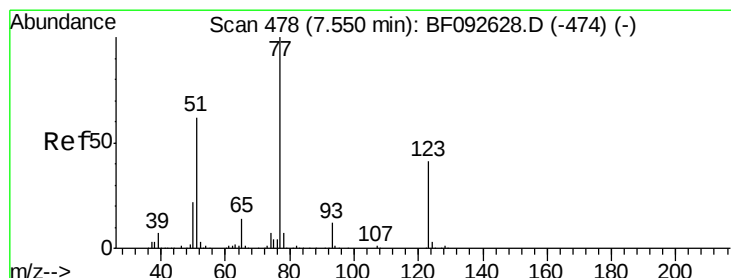
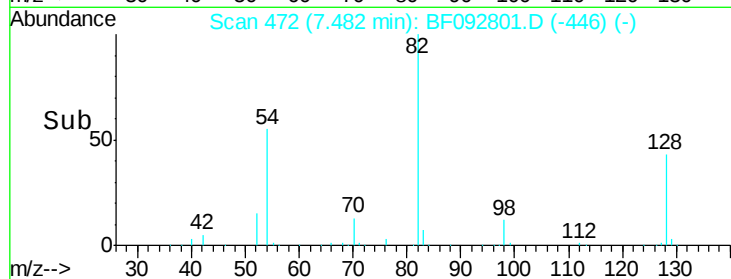
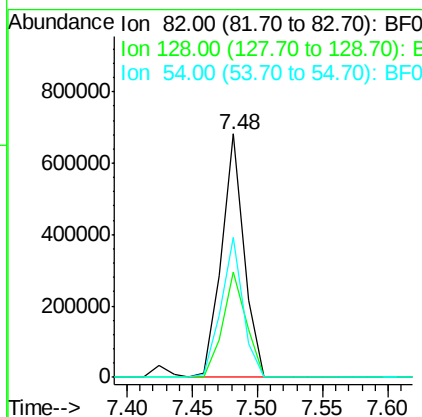
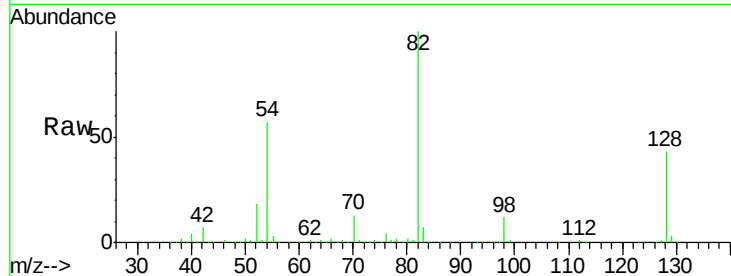
#23
 Nitrobenzene-d5
 Concen: 78.61 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	57.4	39.5	59.3

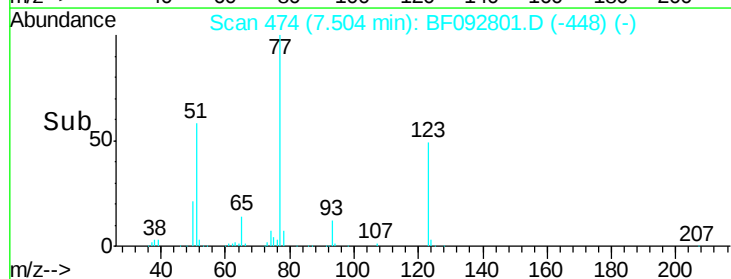
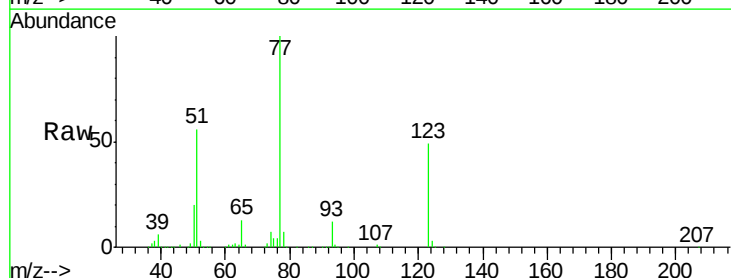
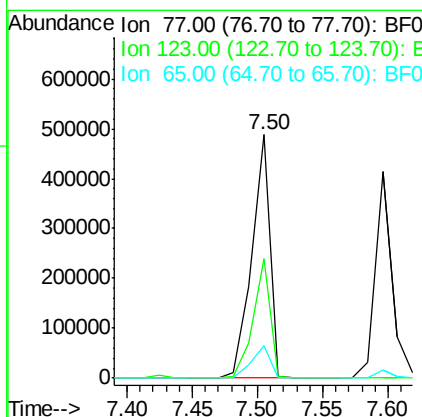
Manual Integrations
 APPROVED

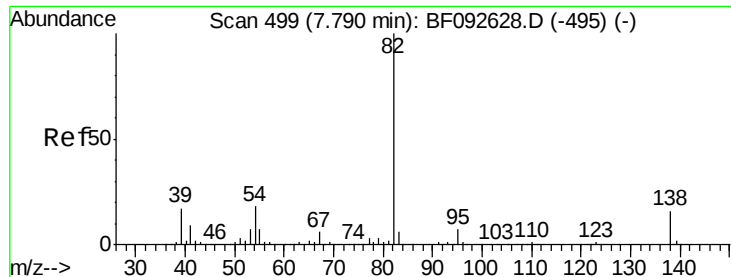
mohammad
 2/7/2017 3:14:23 PM



#24
 Nitrobenzene
 Concen: 44.09 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 41.88 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

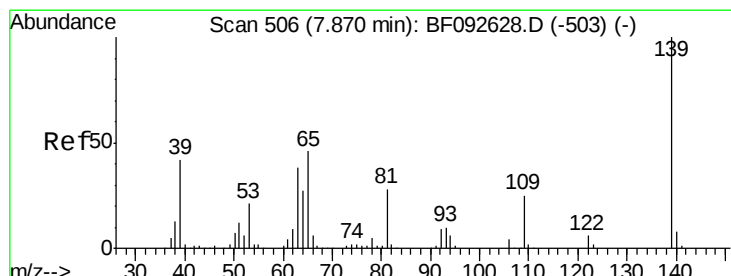
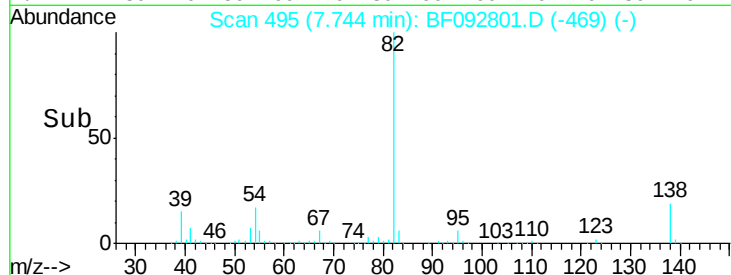
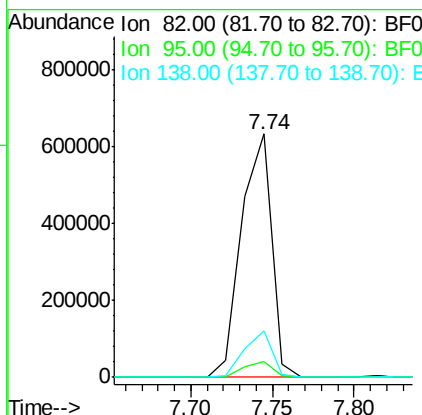
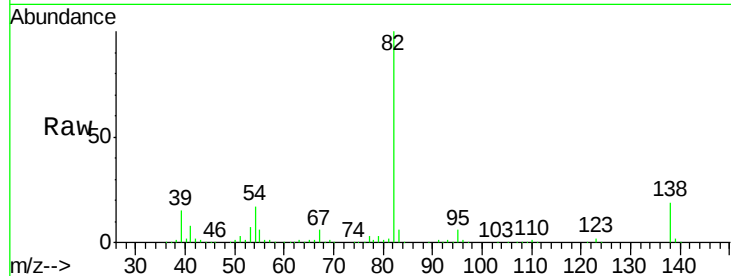
ClientSampleId :

PB96743BS

Tot Ion:	82	Resp:	813154
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.6	8.4
138	19.3	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#26

2-Nitrophenol

Concen: 42.12 ng

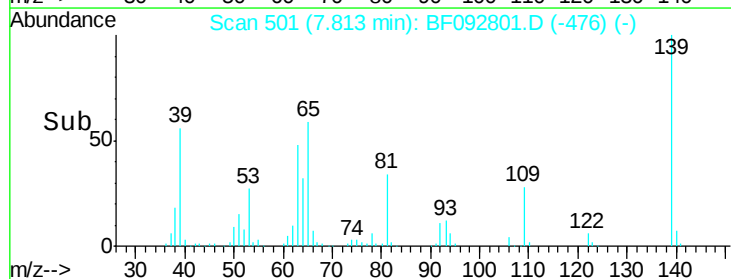
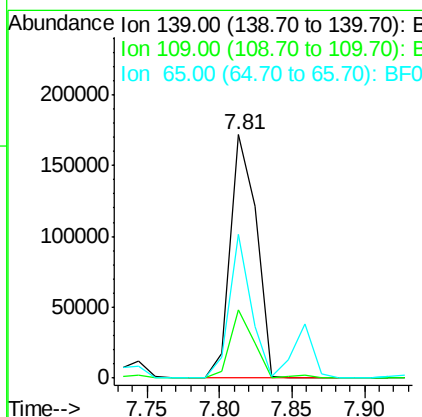
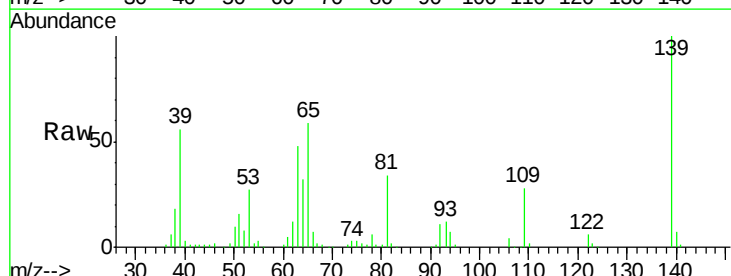
RT: 7.81 min Scan# 501

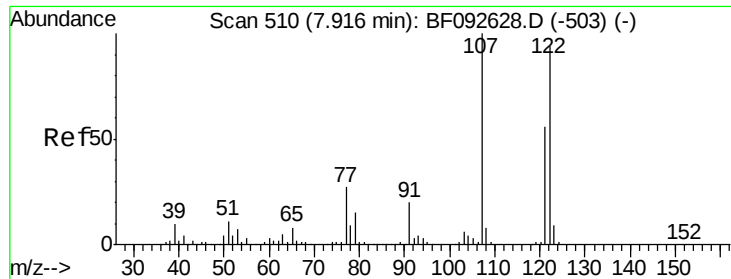
Delta R.T. -0.01 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:	139	Resp:	214258
Ion Ratio		Lower	Upper
139	100		
109	27.9	23.3	34.9
65	59.3	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 42.06 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

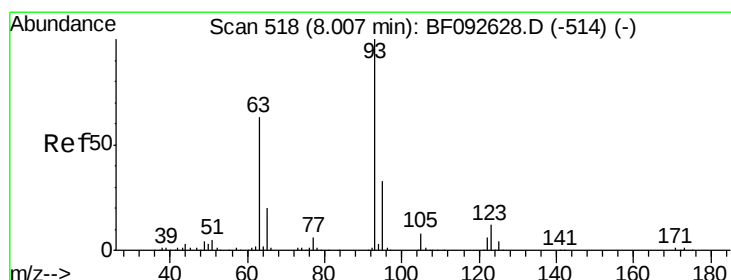
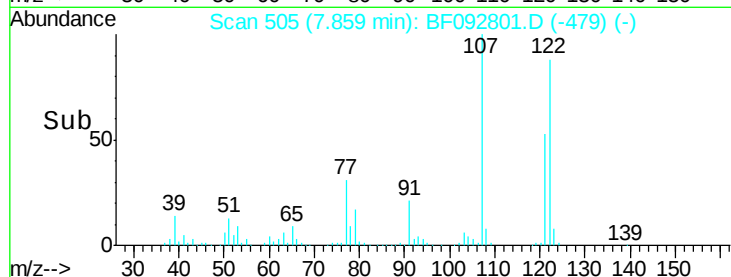
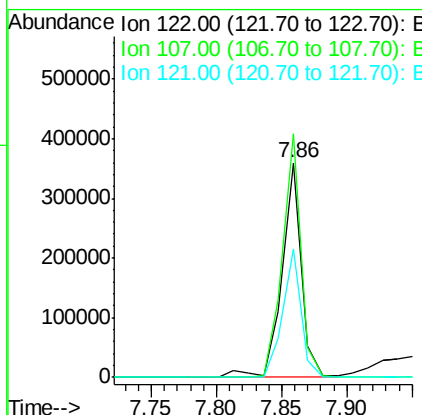
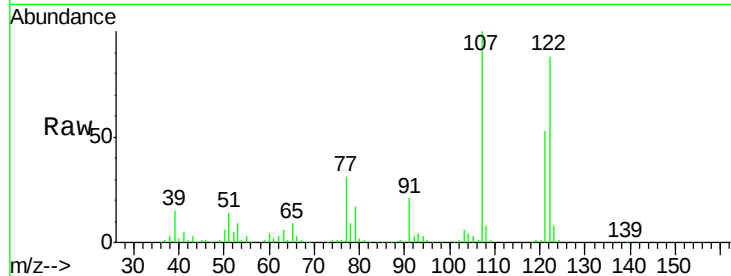
ClientSampled :

PB96743BS

Tot Ion:	122	Resp:	375679
Ion Ratio	Lower	Upper	
122	100		
107	113.6	94.1	141.1
121	59.7	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.11 ng

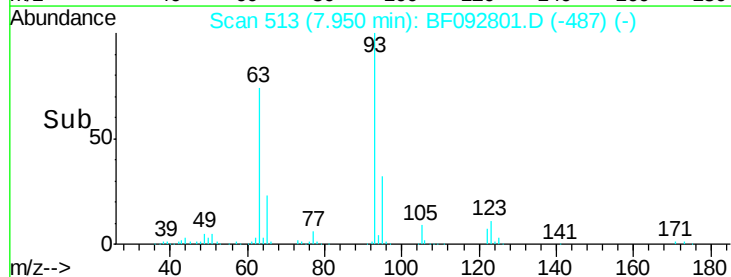
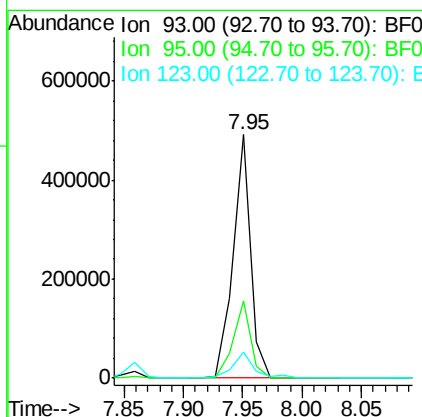
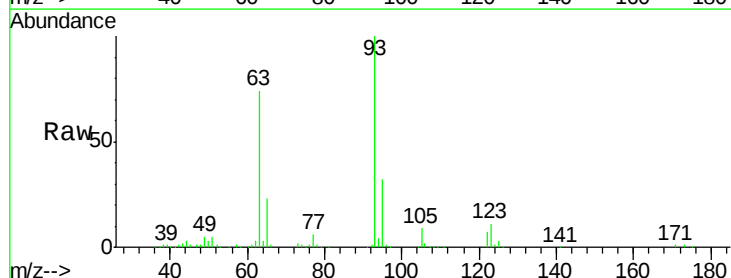
RT: 7.95 min Scan# 513

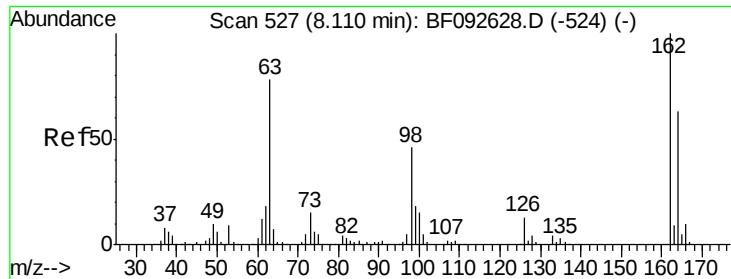
Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:	93	Resp:	503020
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.5	39.7
123	10.9	8.6	13.0





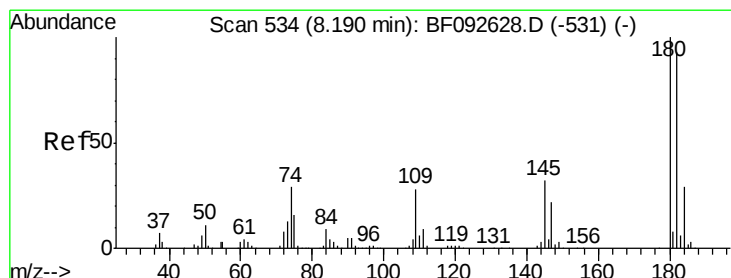
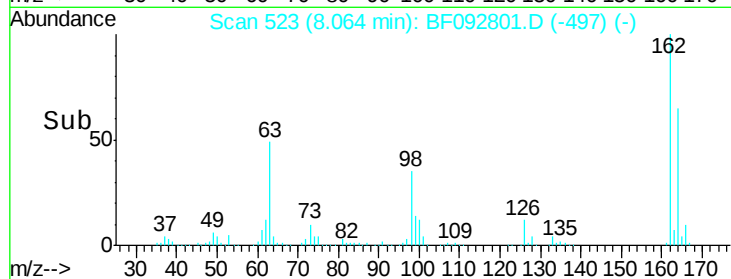
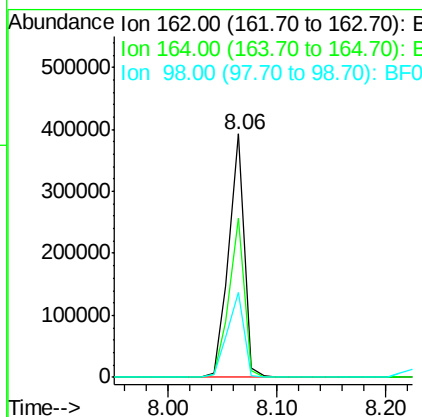
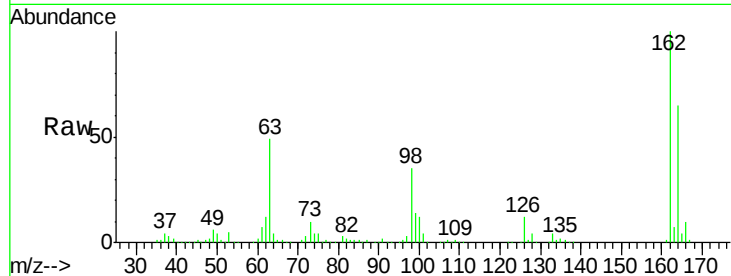
#29
 2,4-Dichlorophenol
 Concen: 46.81 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleID :
 PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	389947		
164	65.2	46.8	86.8	
98	34.7	9.1	49.1	

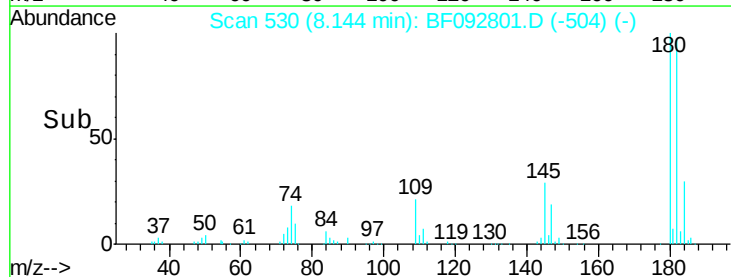
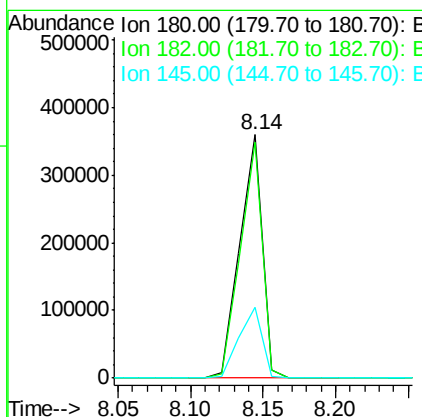
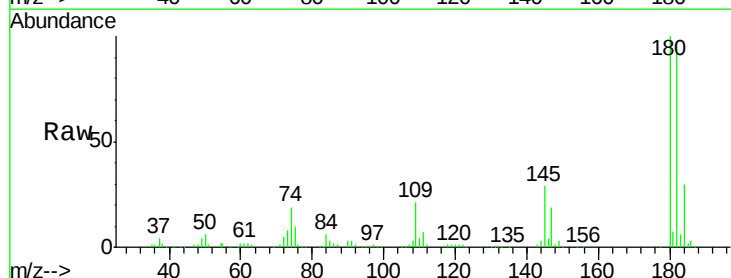
Manual Integrations
 APPROVED

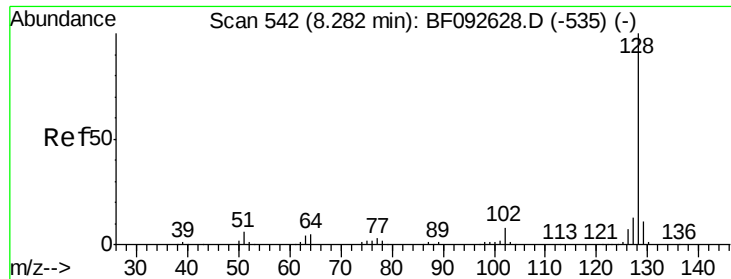
mohammad
 2/7/2017 3:14:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.24 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388163		
182	97.1	78.2	117.4	
145	28.9	21.6	32.4	





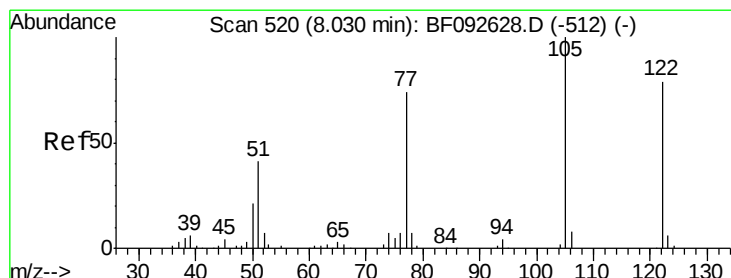
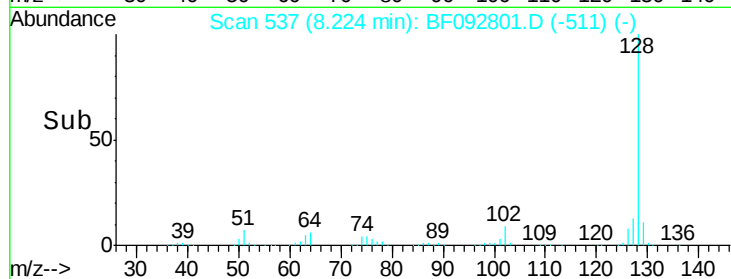
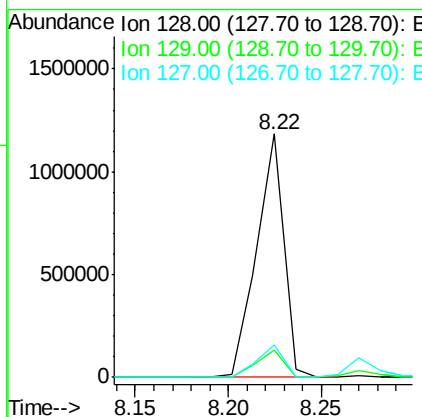
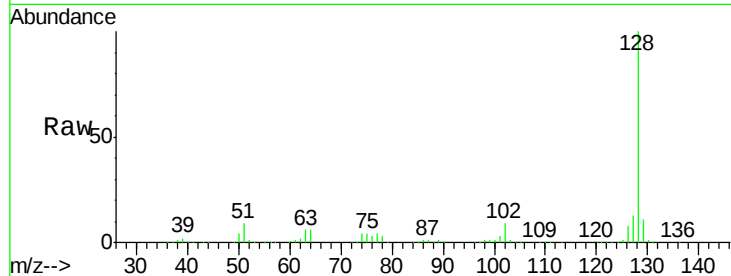
#31
Naphthalene
Concen: 40.49 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion:128 Resp: 1191175
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.4 10.8 16.2

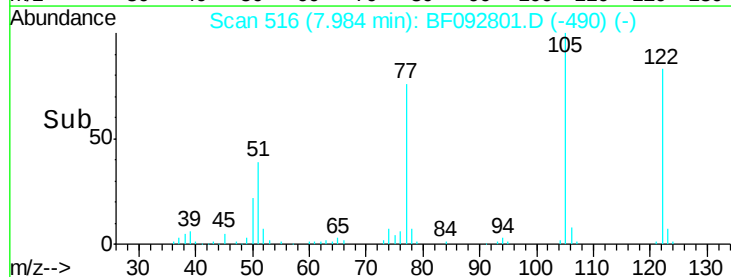
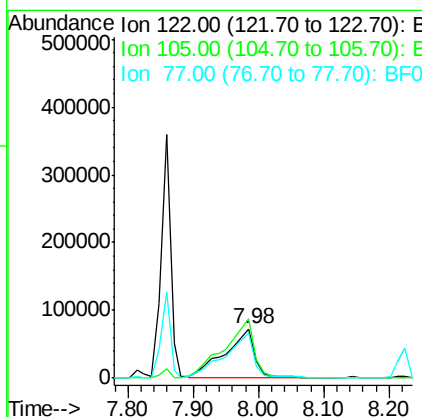
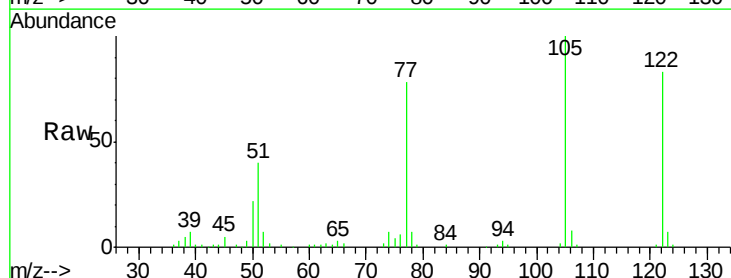
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#32
Benzoic acid
Concen: 45.36 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion:122 Resp: 227214
Ion Ratio Lower Upper
122 100
105 119.9 107.2 147.2
77 92.9 74.5 114.5





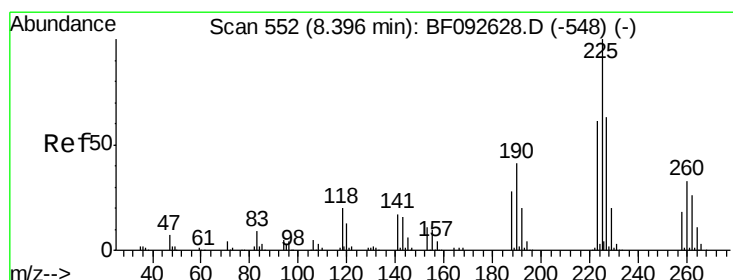
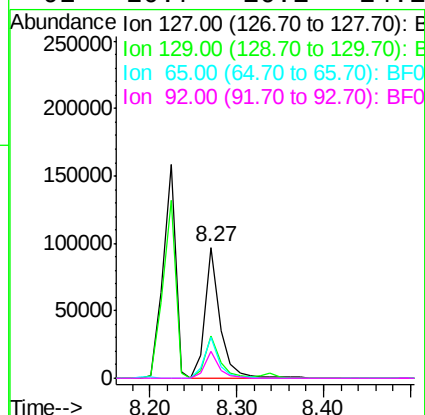
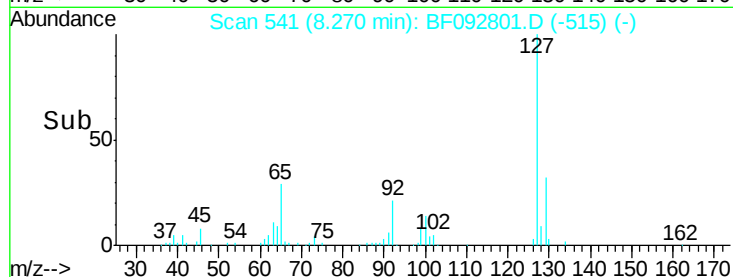
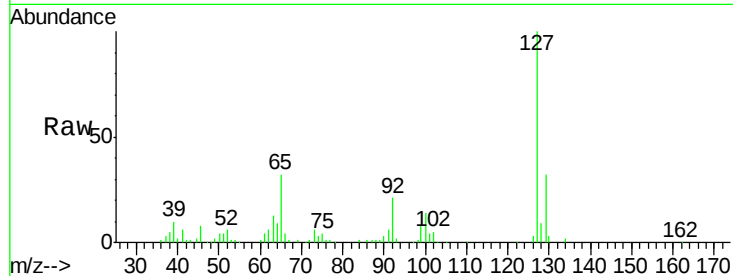
#33
4-Chloroaniline
Concen: 10.06 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	31.8	25.8	38.8		
92	20.7	16.1	24.1		

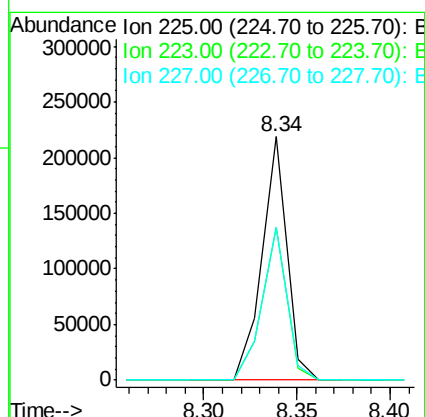
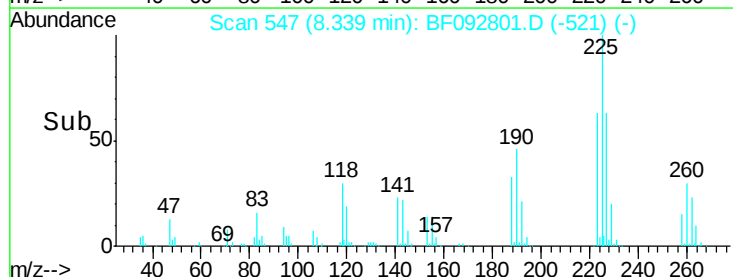
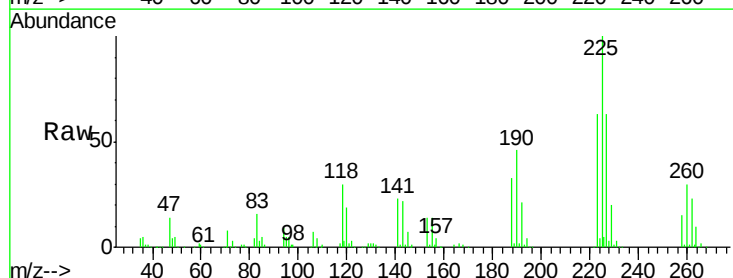
Manual Integrations
APPROVED

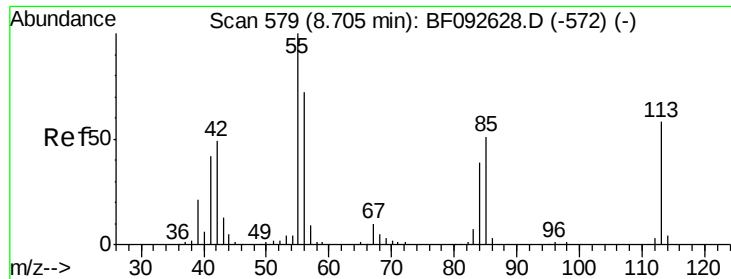
mohammad
2/7/2017 3:14:23 PM



#34
Hexachlorobutadiene
Concen: 40.80 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.6		
227	63.0	50.6	76.0		





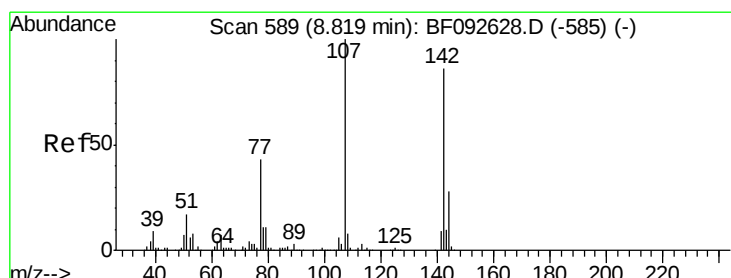
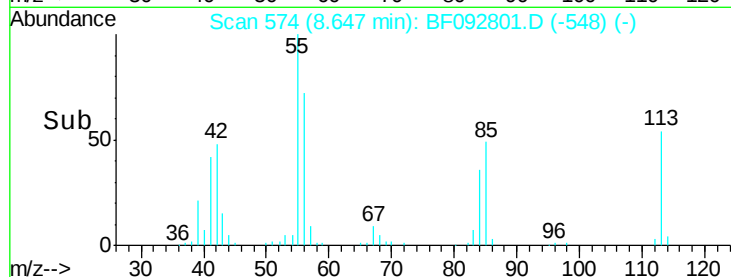
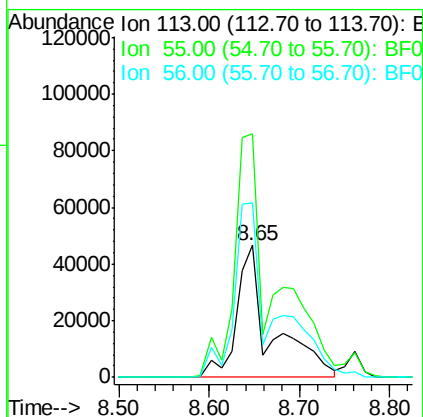
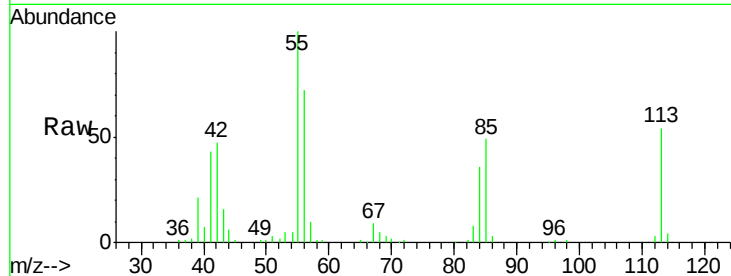
#35
 Caprolactam
 Concen: 47.22 ng/ml
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	184.7		119.2	159.2	#
56	132.1		83.8	123.8	#

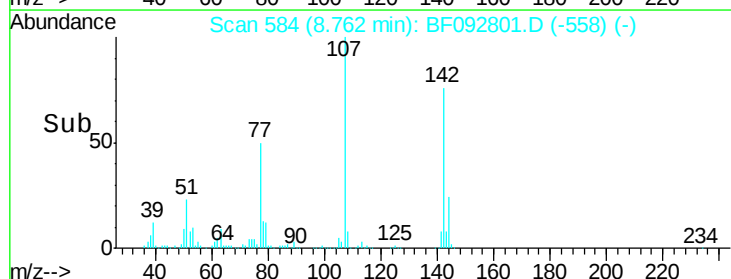
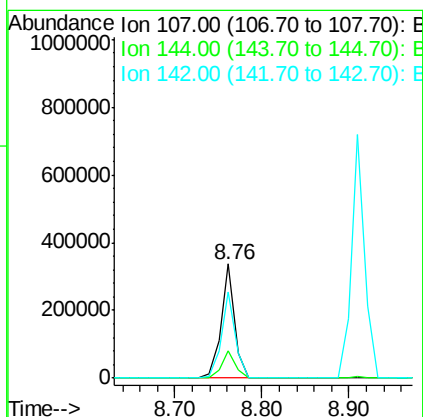
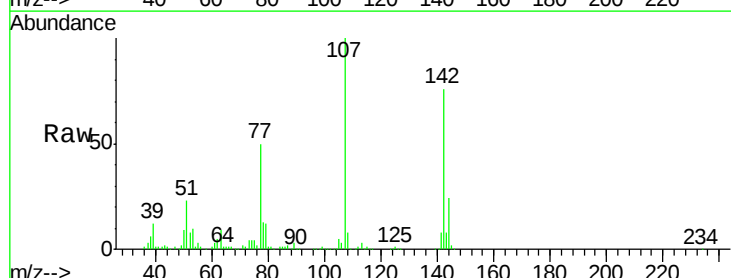
Manual Integrations
 APPROVED

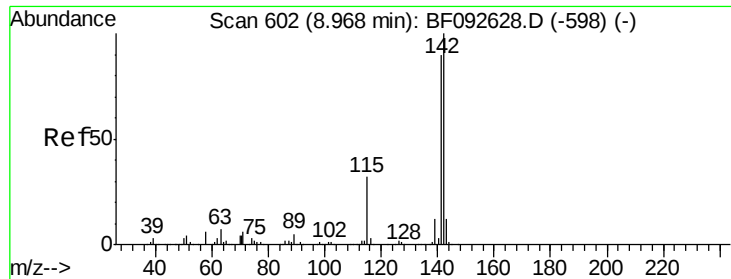
mohammad
 2/7/2017 3:14:23 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.61 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.1		19.3	28.9	
142	75.8		59.0	88.6	





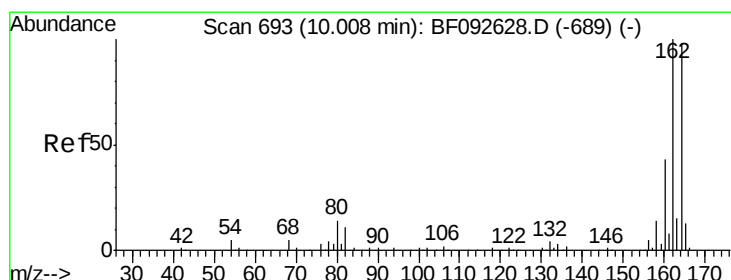
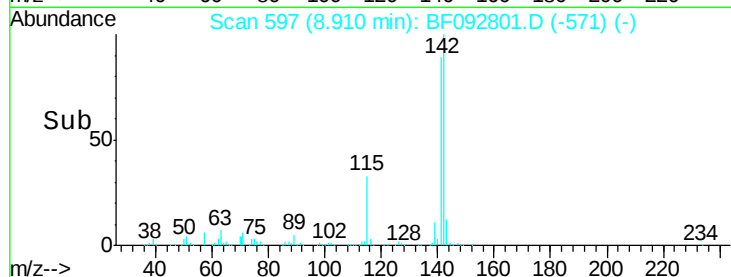
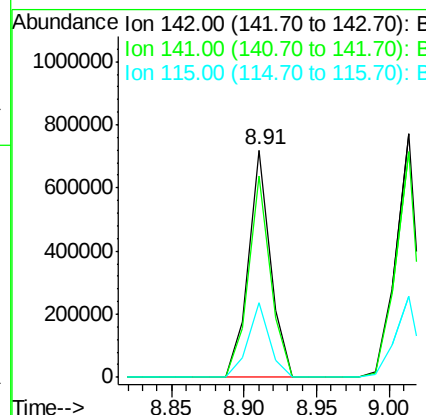
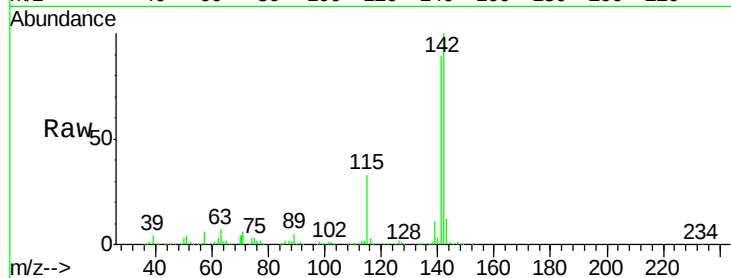
#37
2-Methylnaphthalene
Concen: 40.36 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	32.6	28.3	42.5

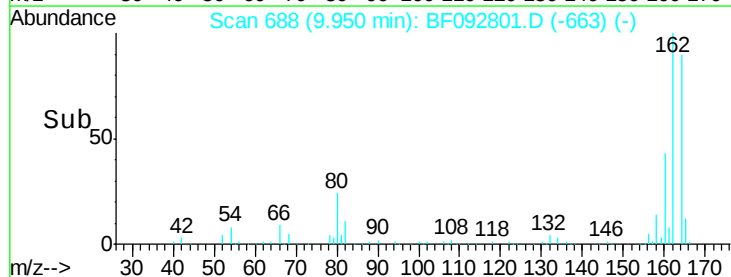
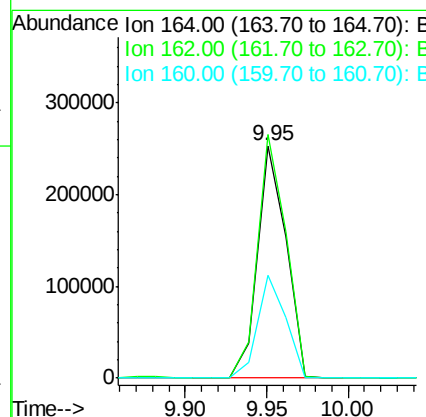
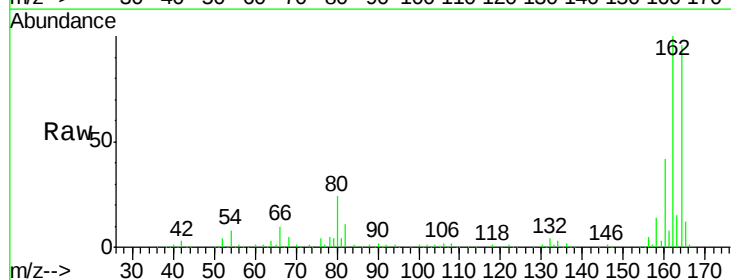
Manual Integrations
APPROVED

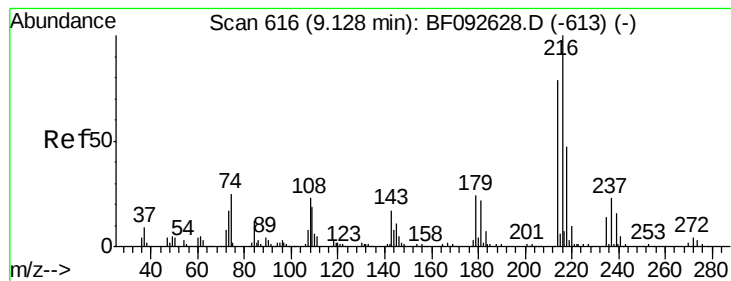
mohammad
2/7/2017 3:14:23 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	44.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.93 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

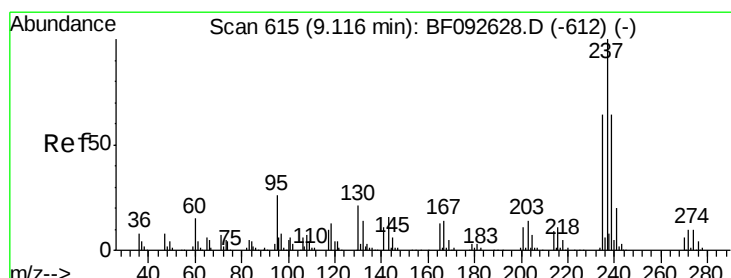
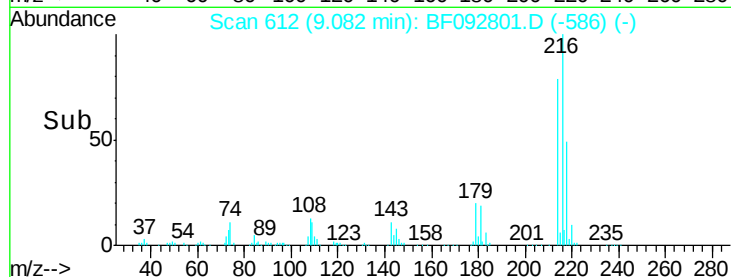
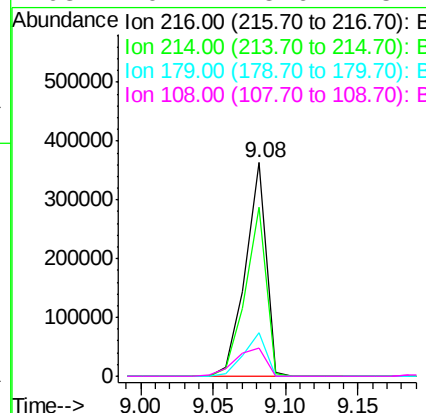
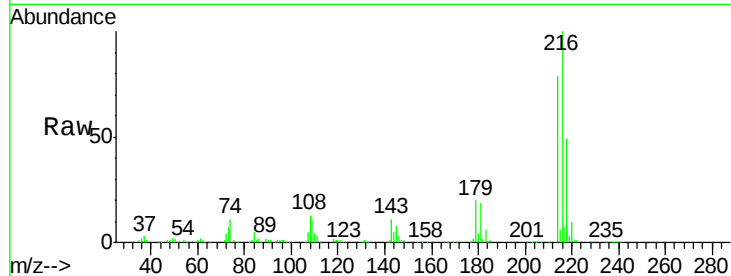
ClientSampleId :

PB96743BS

Tot Ion:	216	Resp:	362277
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.0
179	21.4	17.4	26.2
108	19.4	15.6	23.4

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#40

Hexachlorocyclopentadiene

Concen: 82.66 ng

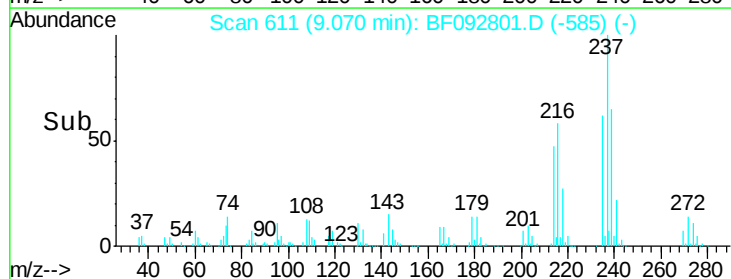
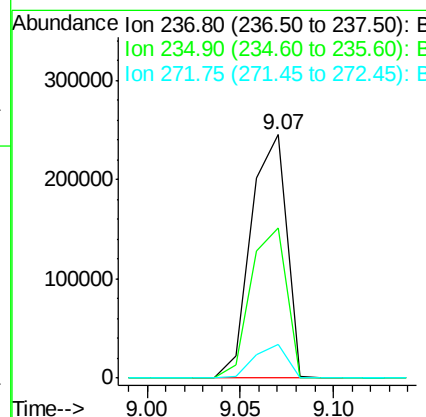
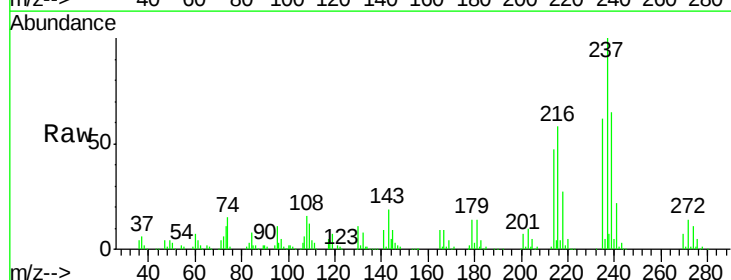
RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:	237	Resp:	322238
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.2	81.2
272	13.6	0.0	35.4





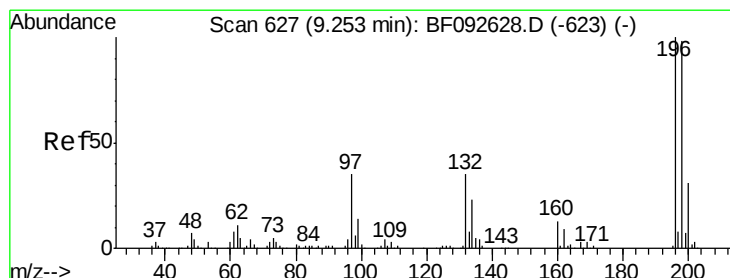
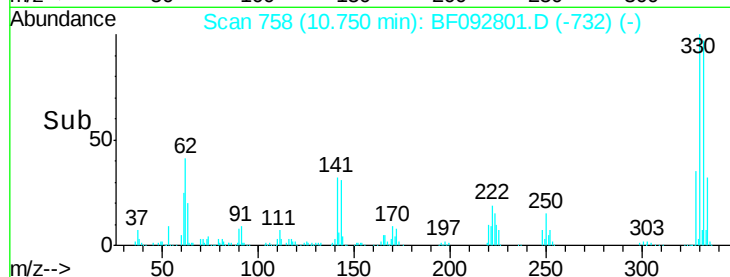
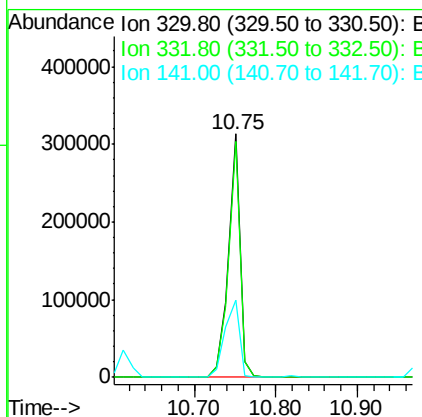
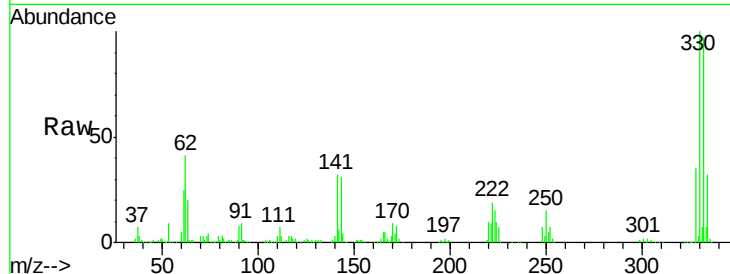
#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.4	116.2	
141	39.3	34.1	51.1	

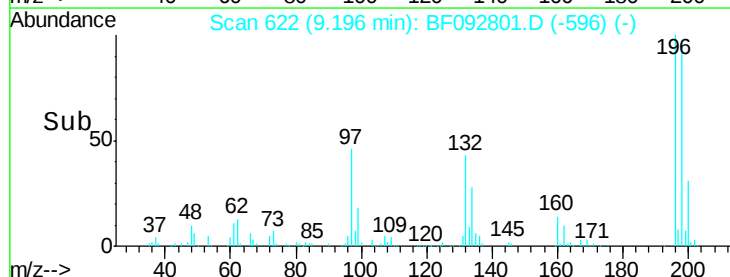
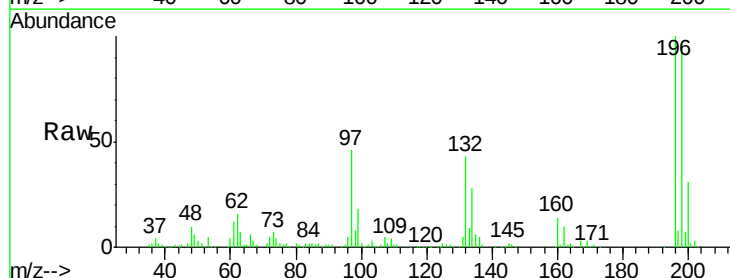
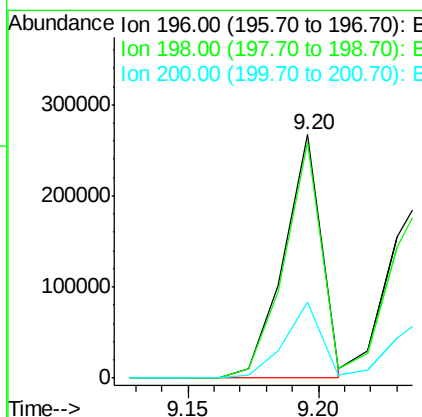
Manual Integrations
 APPROVED

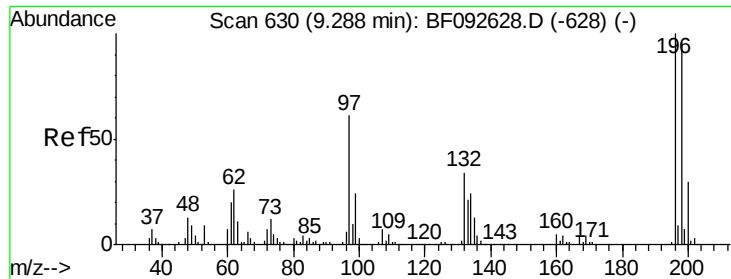
mohammad
 2/7/2017 3:14:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.11 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	82.1	123.1	
200	31.4	27.0	40.4	





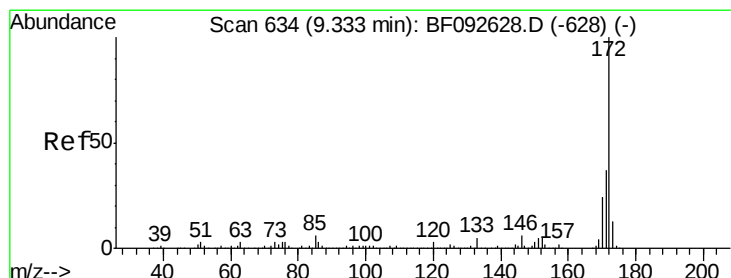
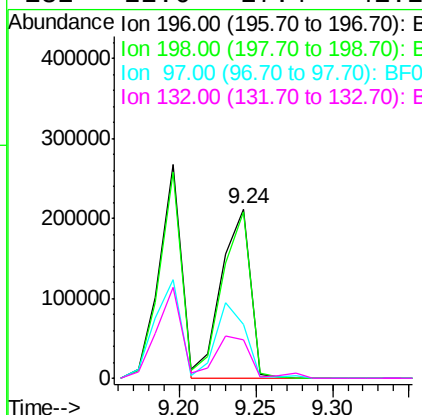
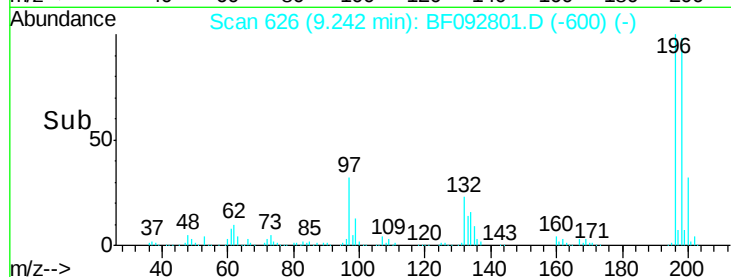
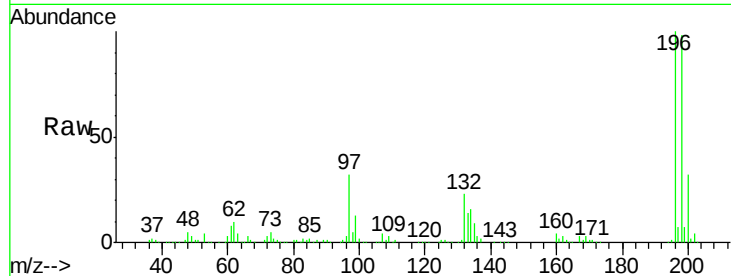
#43
 2,4,5-Trichlorophenol
 Concen: 44.76 ng/ml
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		278442		
198	98.3	79.4	119.2		
97	31.8	51.5	77.3		
132	22.6	27.4	41.2		

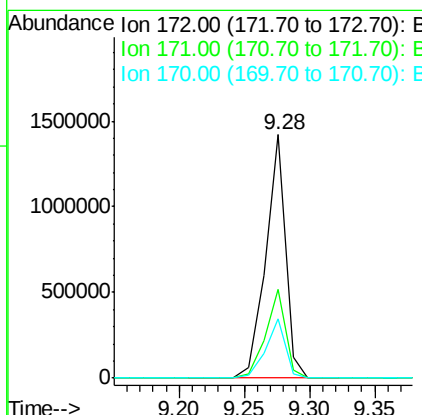
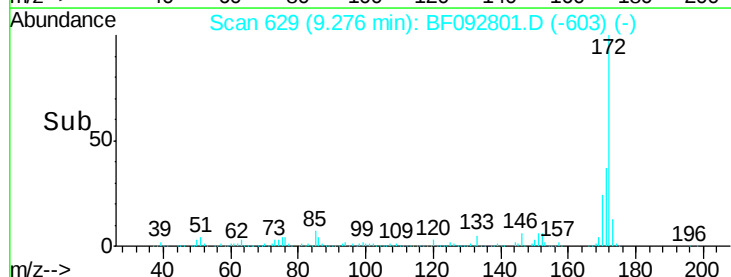
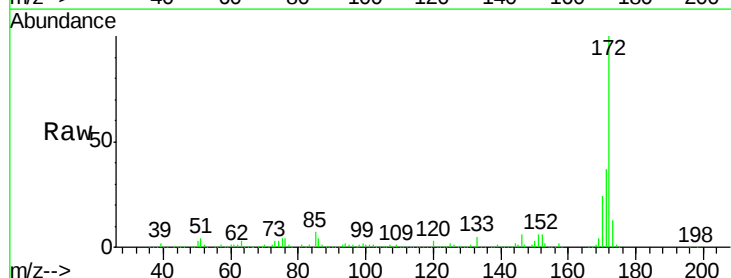
Manual Integrations
 APPROVED

mohammad
 2/7/2017 3:14:23 PM



#44
 2-Fluorobiphenyl
 Concen: 89.21 ng/ml
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1515770		
171	36.6	29.4	44.0		
170	24.4	20.2	30.4		





#45

1,1'-Biphenyl

Concen: 44.77 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

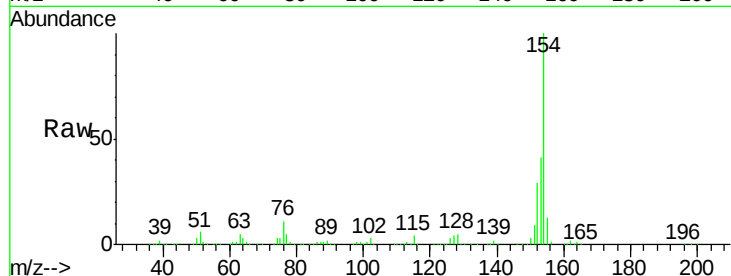
ClientSampleId :

PB96743BS

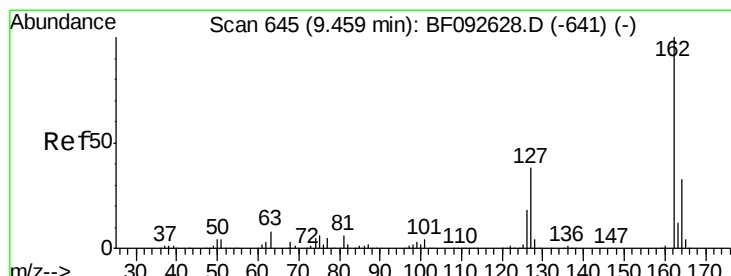
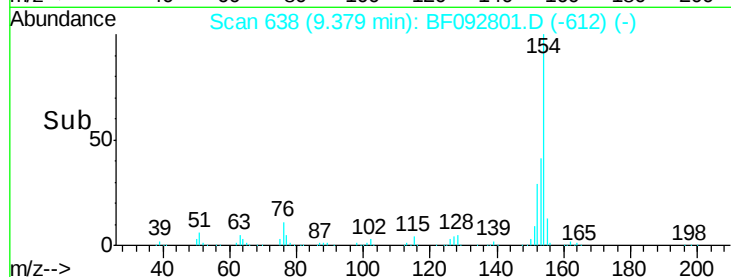
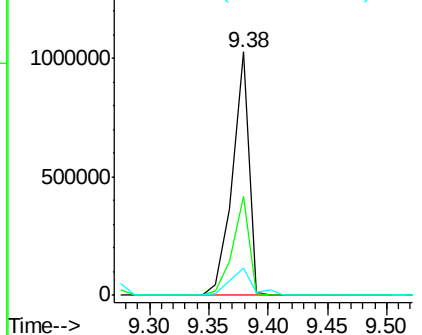
Tot Ion:	154	Resp:	997931
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.9	60.9
76	11.4	0.0	30.5

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



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



#46

2-Chloronaphthalene

Concen: 43.26 ng

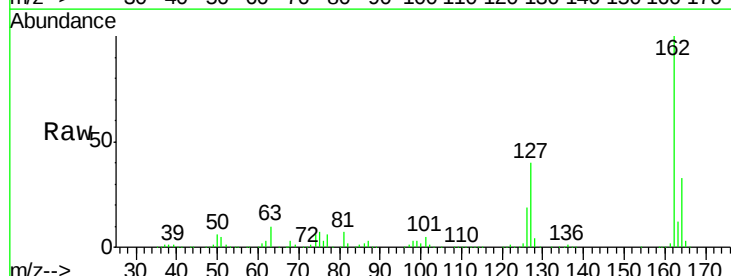
RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

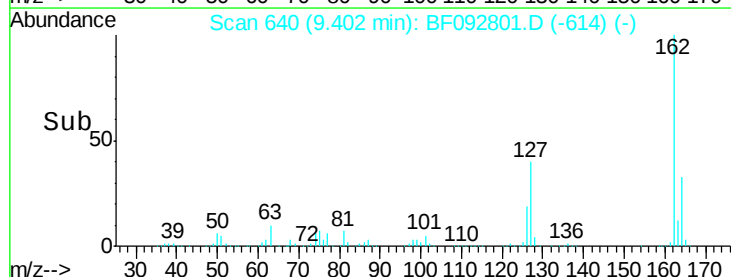
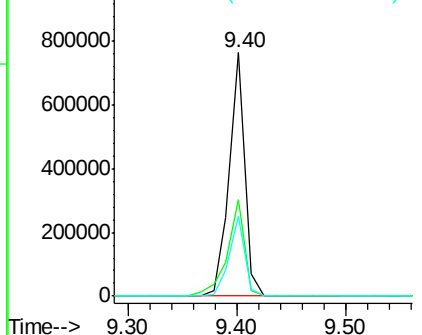
Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:	162	Resp:	754308
Ion Ratio	Lower	Upper	
162	100		
127	39.7	30.7	46.1
164	32.6	27.6	41.4



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





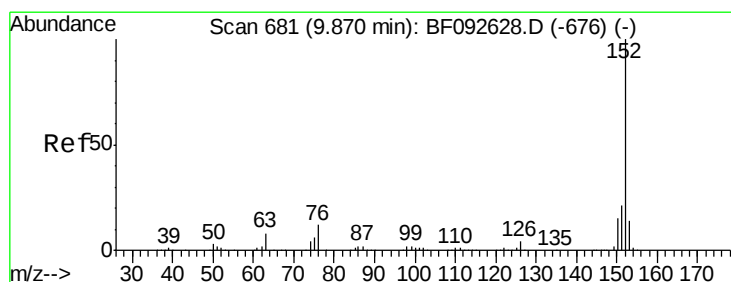
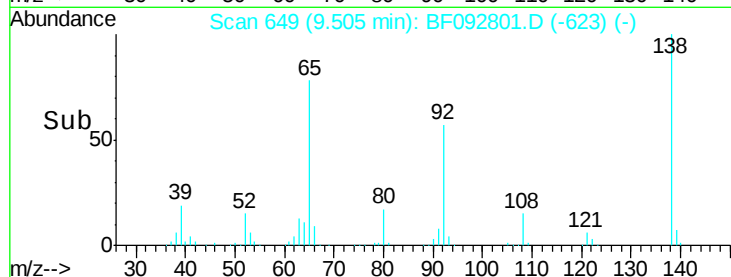
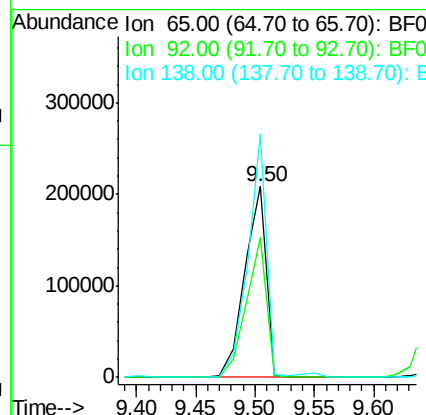
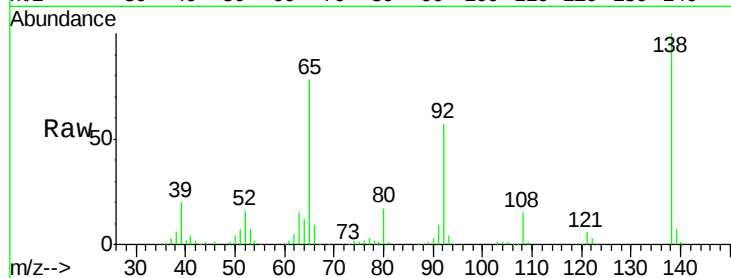
#47
2-Nitroaniline
Concen: 44.48 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	127.7	76.8	115.2

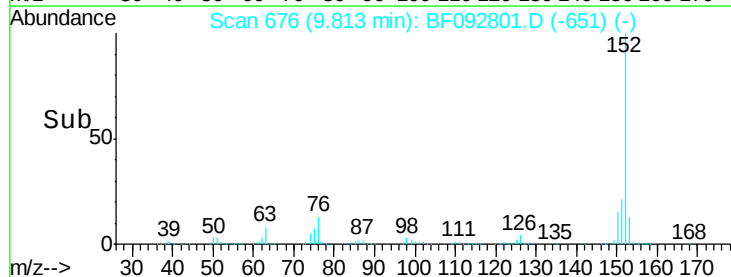
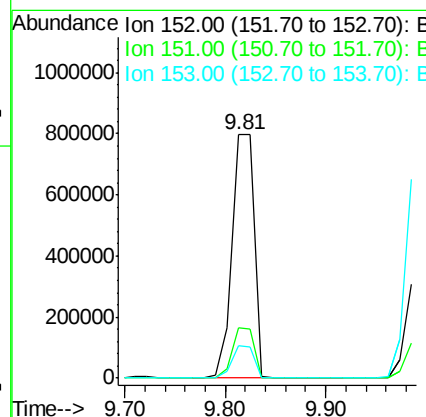
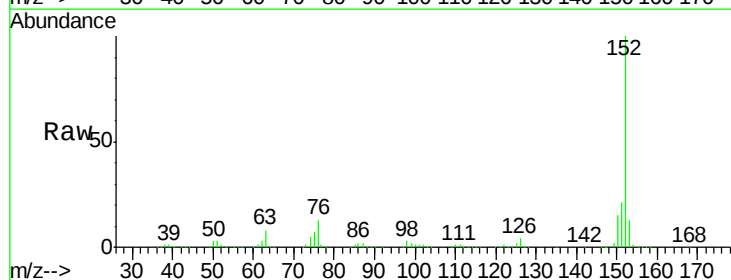
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#48
Acenaphthylene
Concen: 40.46 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





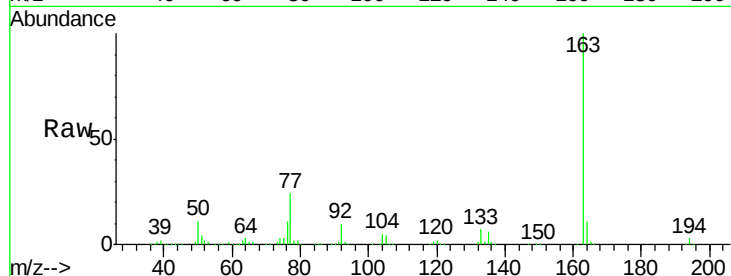
#49
Dimethylphthalate
Concen: 43.46 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	901087		
194	3.2		3.0	4.4
164	11.0		8.0	12.0

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM

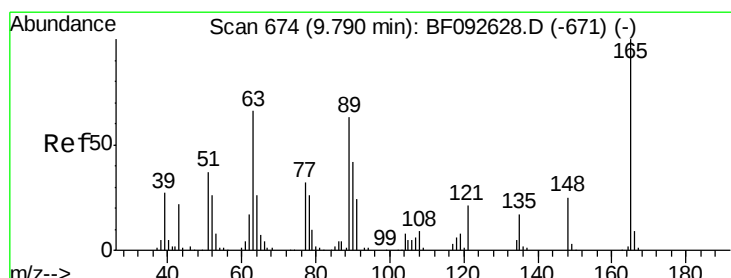
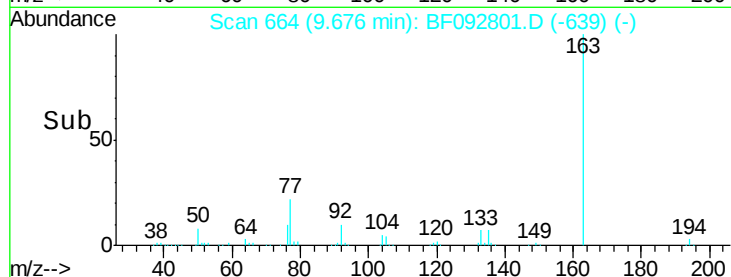
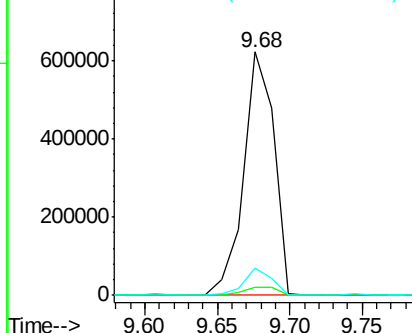


Abundance

Ion 163.00 (162.70 to 163.70): E

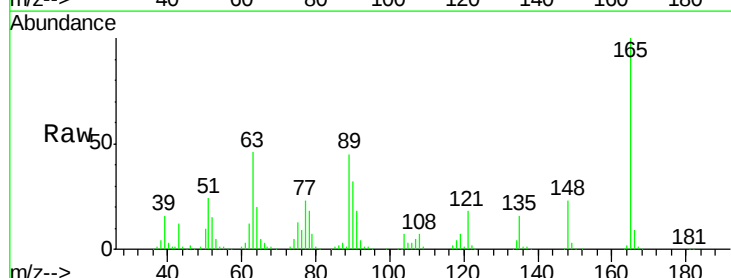
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 48.93 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219114		
63	45.8		36.2	54.4
89	45.2		40.2	60.4

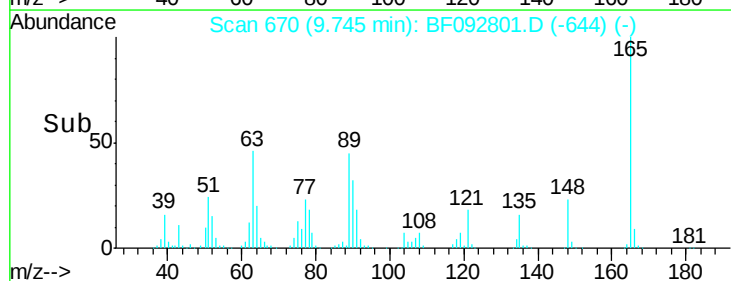
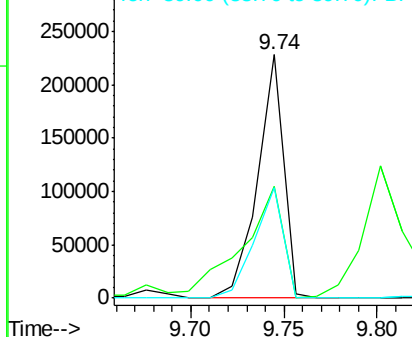


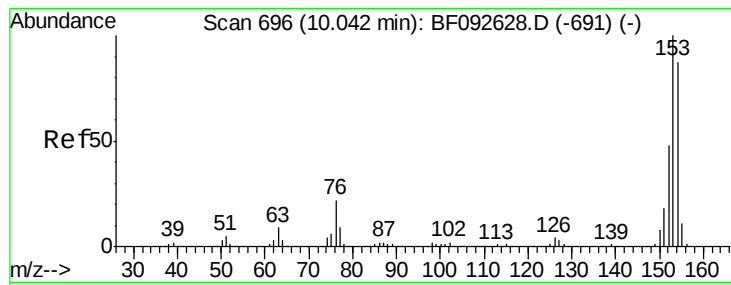
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.28 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

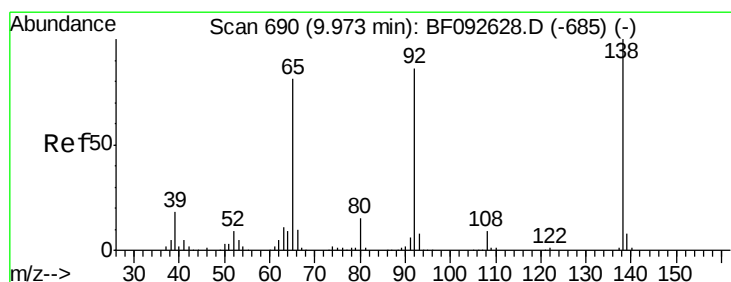
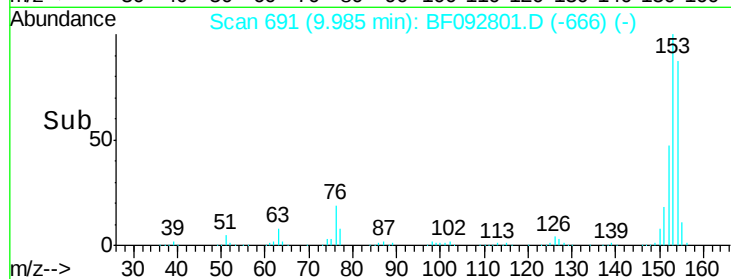
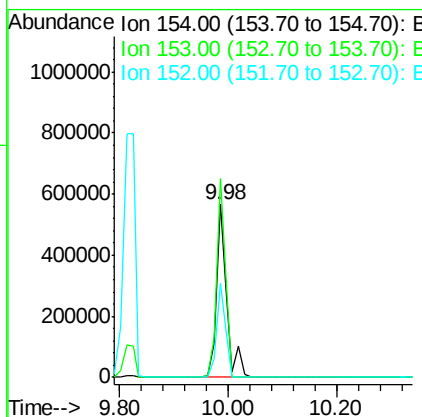
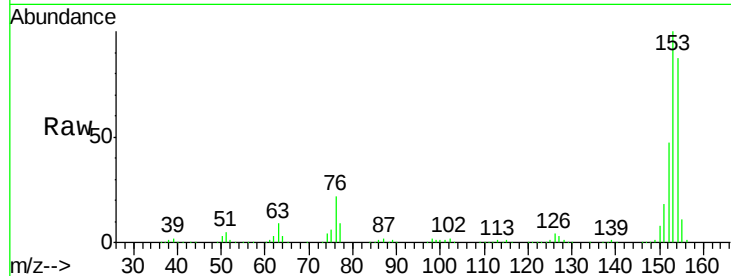
ClientSampleId :

PB96743BS

Tot Ion:	154	Resp:	779484
Ion Ratio	Lower	Upper	
154	100		
153	115.1	88.6	133.0
152	54.4	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#52

3-Nitroaniline

Concen: 15.65 ng

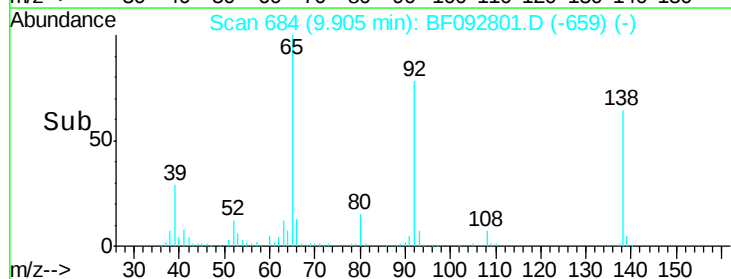
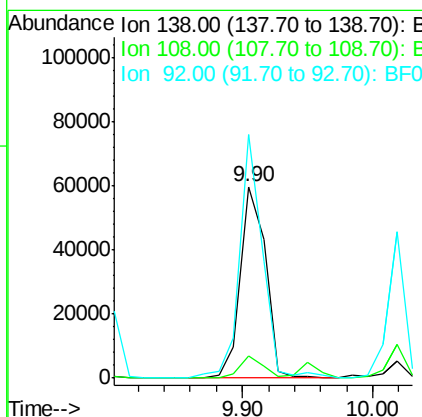
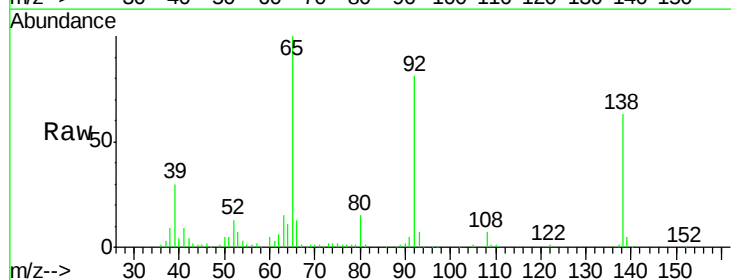
RT: 9.90 min Scan# 684

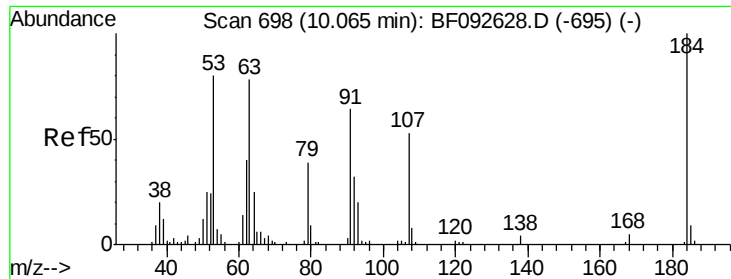
Delta R.T. -0.01 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:	138	Resp:	80186
Ion Ratio	Lower	Upper	
138	100		
108	11.6	8.5	12.7
92	127.3	97.8	146.8





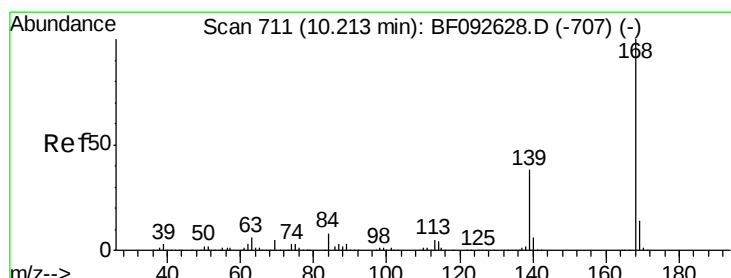
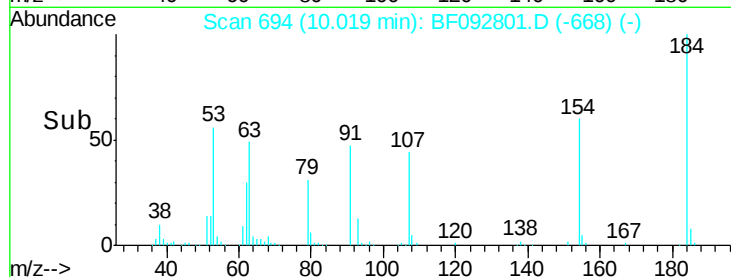
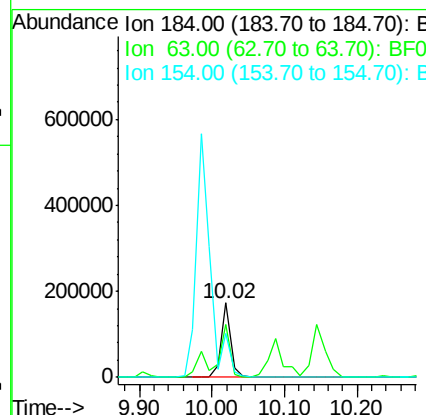
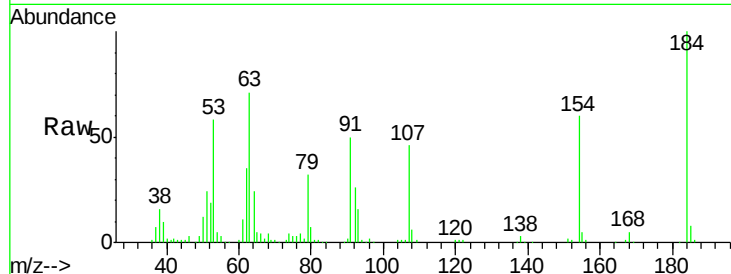
#53
2,4-Dinitrophenol
Concen: 73.54 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166580		
63	70.8	28.4	42.6#	
154	59.5	44.3	66.5	

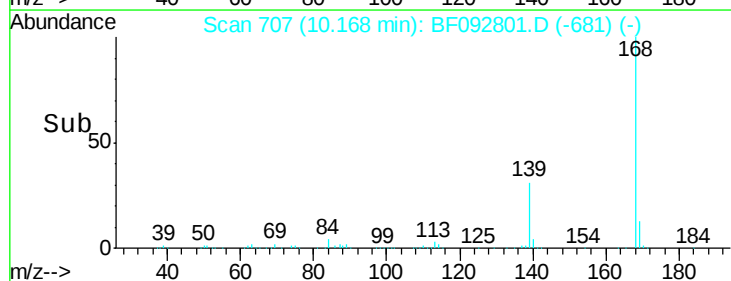
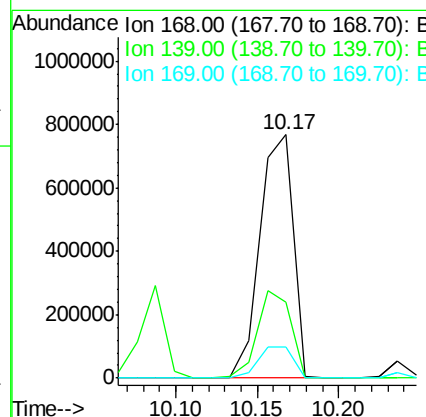
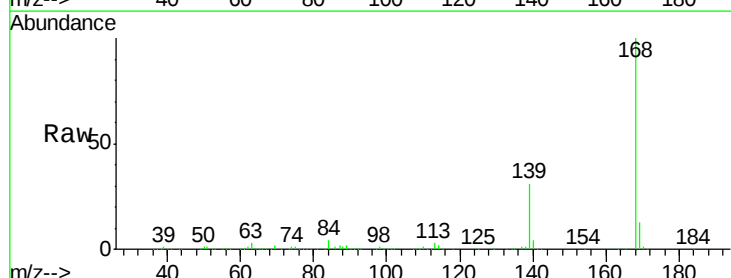
Manual Integrations
APPROVED

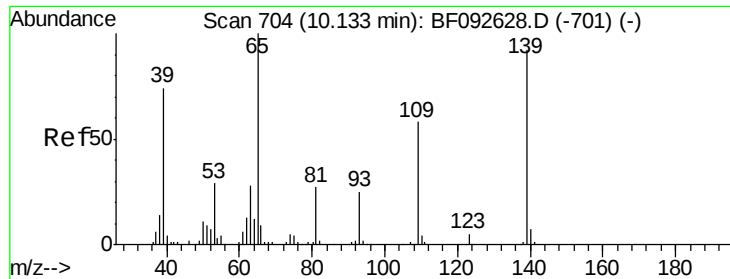
mohammad
2/7/2017 3:14:23 PM



#54
Dibenzofuran
Concen: 45.34 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1092135		
139	31.2	32.6	49.0#	
169	12.7	11.3	16.9	





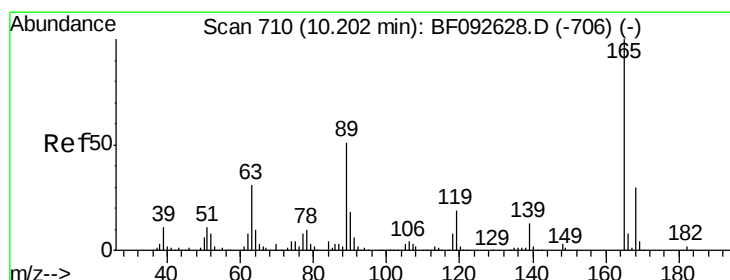
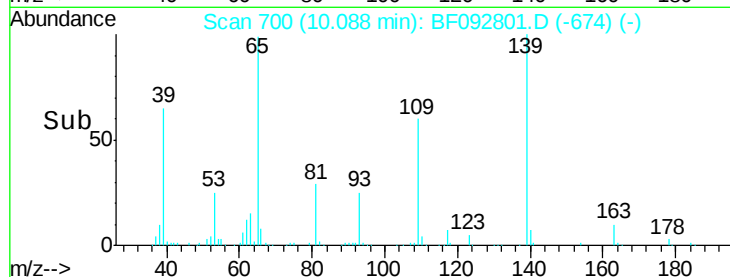
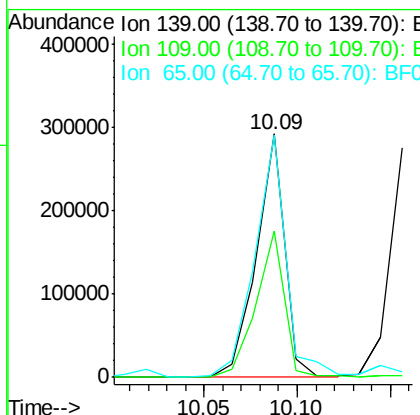
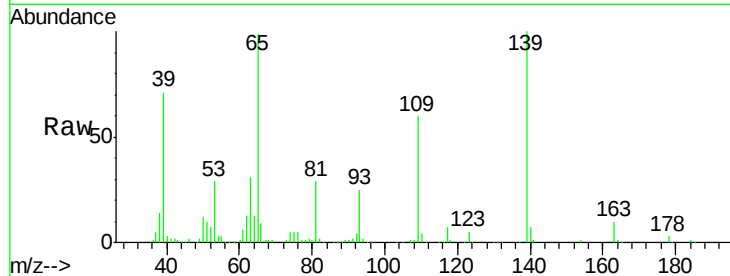
#55
4-Nitrophenol
Concen: 83.19 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.9	52.2	92.2	
65	99.4	85.8	125.8	

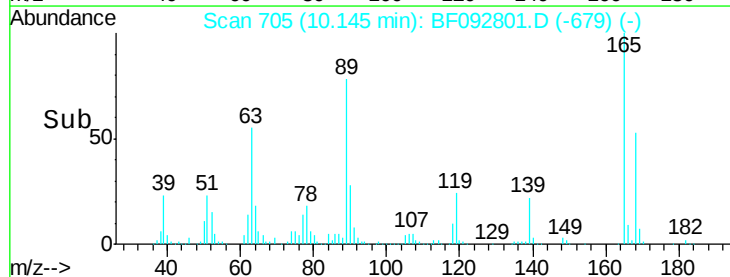
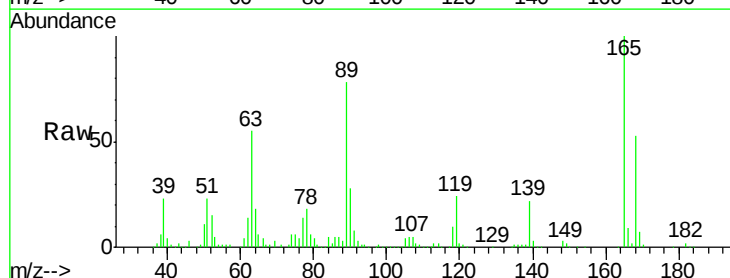
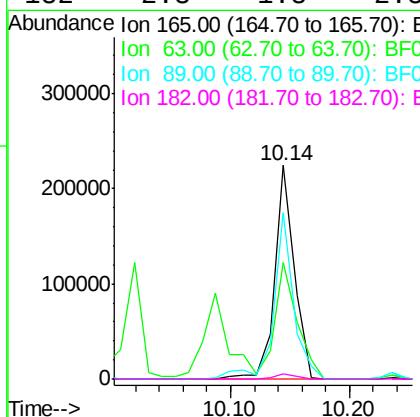
Manual Integrations
APPROVED

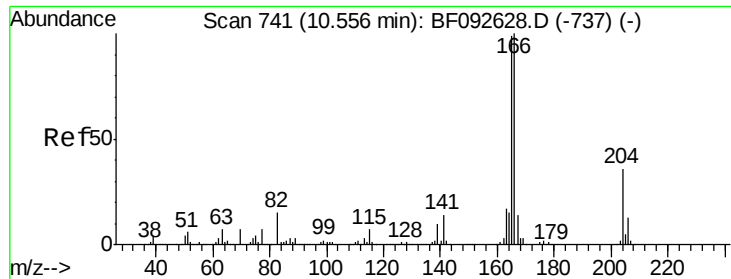
mohammad
2/7/2017 3:14:23 PM



#56
2,4-Dinitrotoluene
Concen: 42.66 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.8	40.2	60.4	
89	77.8	62.5	93.7	
182	2.3	1.8	2.8	





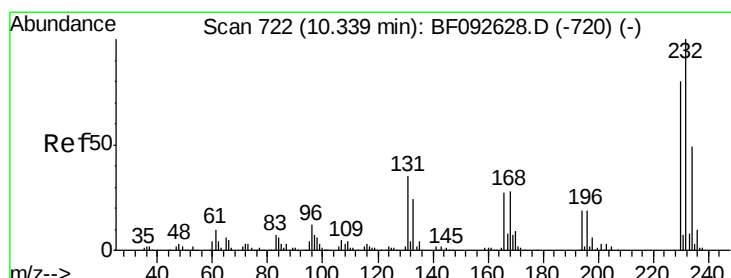
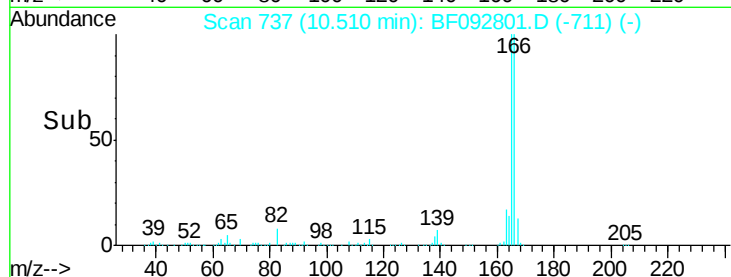
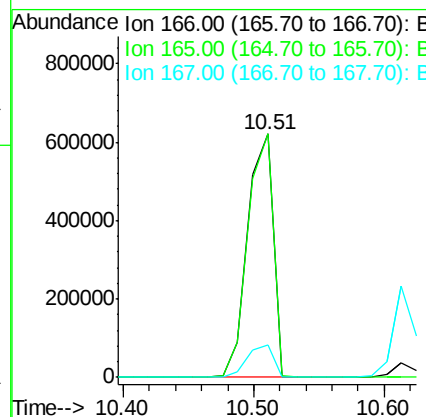
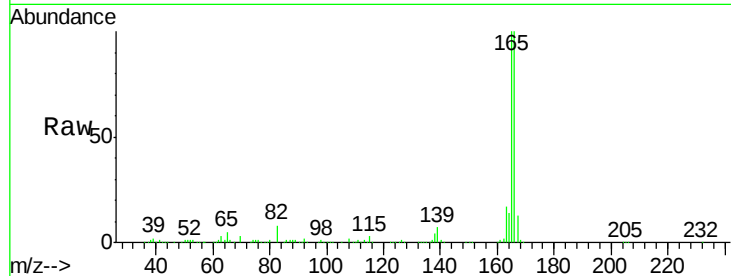
#57
 Fluorene
 Concen: 45.67 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	846405		
165	100.1		77.8	116.8
167	13.3		10.8	16.2

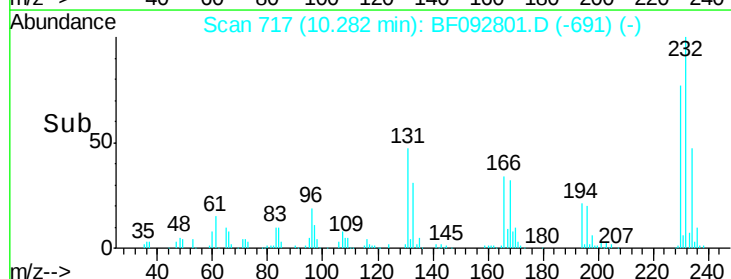
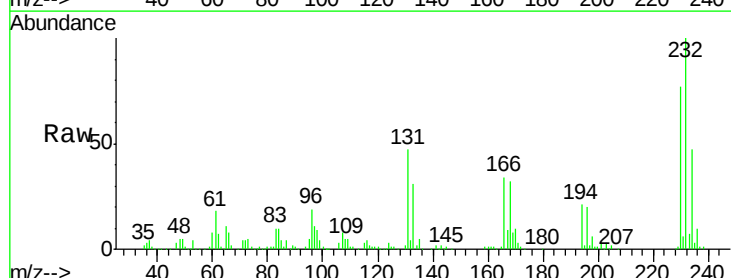
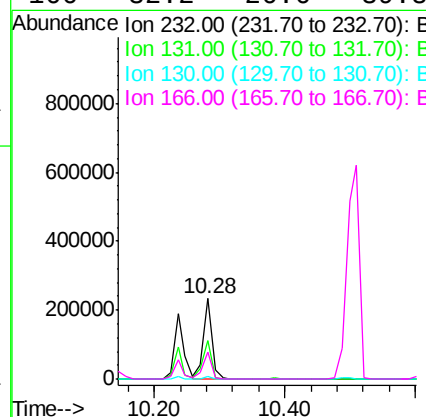
Manual Integrations
 APPROVED

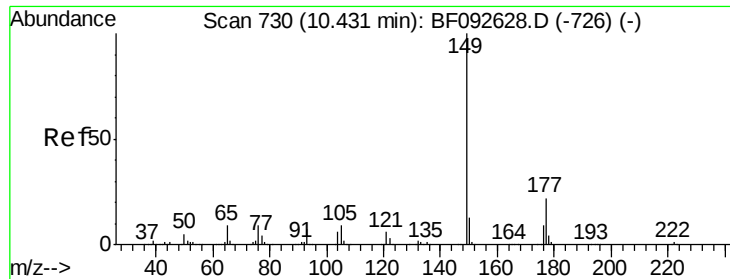
mohammad
 2/7/2017 3:14:23 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.14 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	216375		
131	46.9		40.1	60.1
130	2.3		1.8	2.8
166	32.2		26.6	39.8





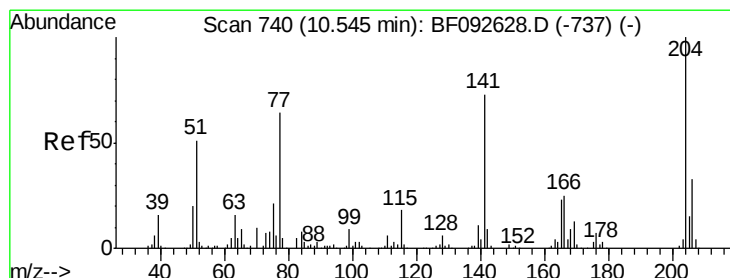
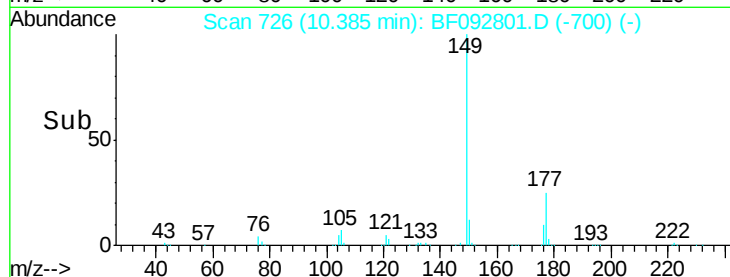
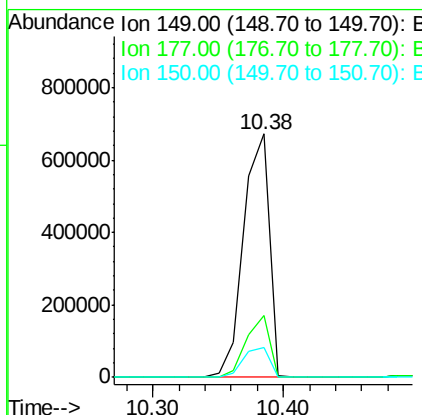
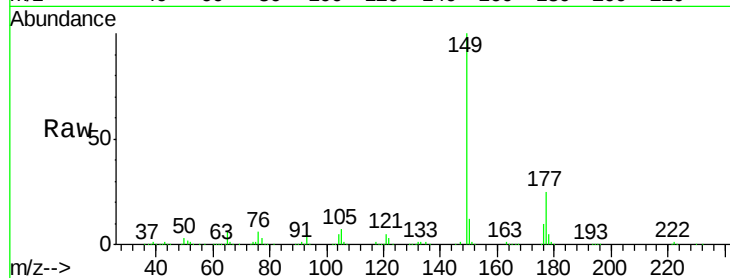
#59
Diethylphthalate
Concen: 47.05 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.2	16.6	25.0#
150	12.2	10.4	15.6

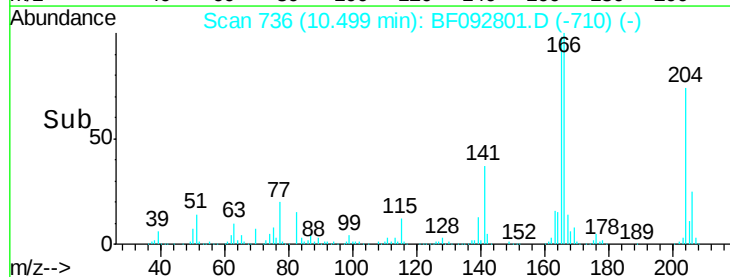
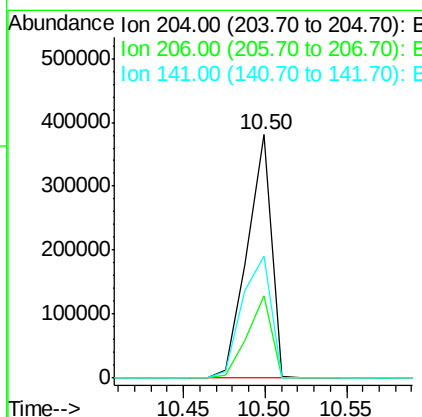
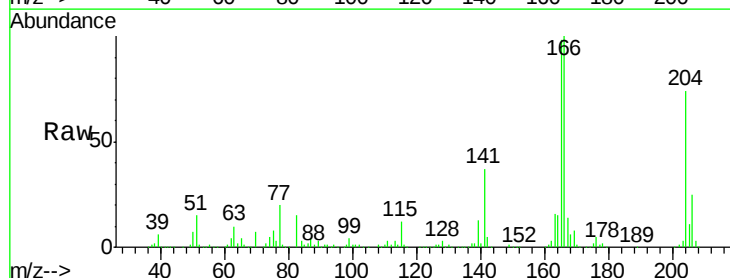
Manual Integrations
APPROVED

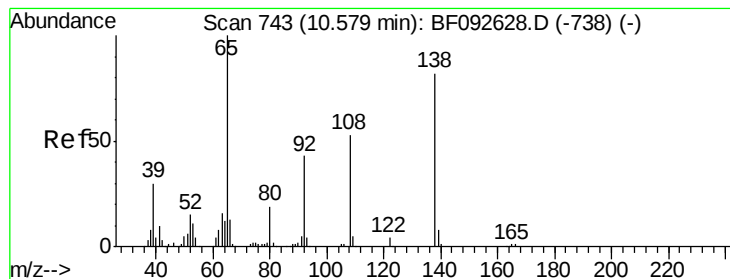
mohammad
2/7/2017 3:14:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.14 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	49.9	59.4	89.0#





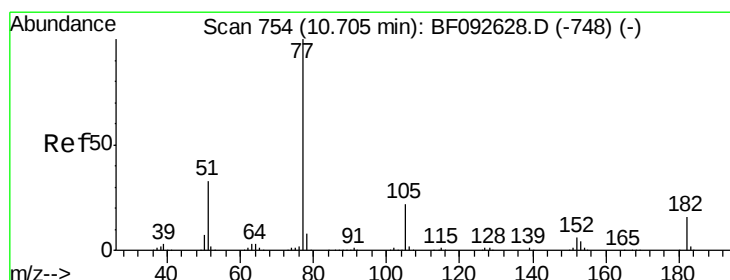
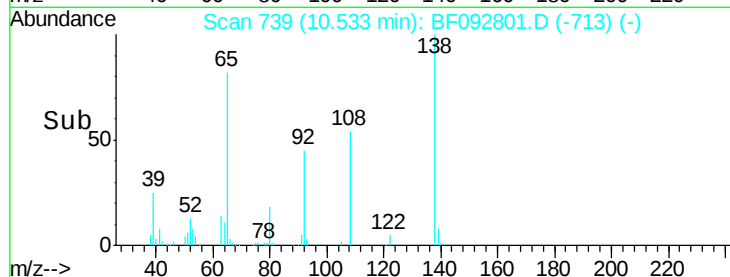
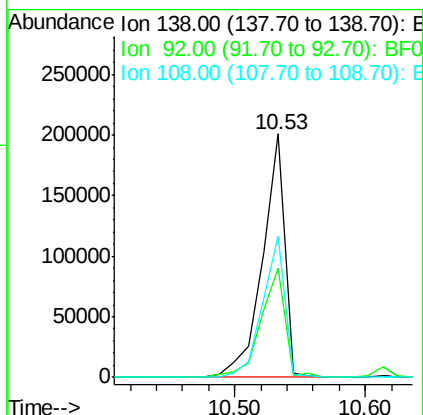
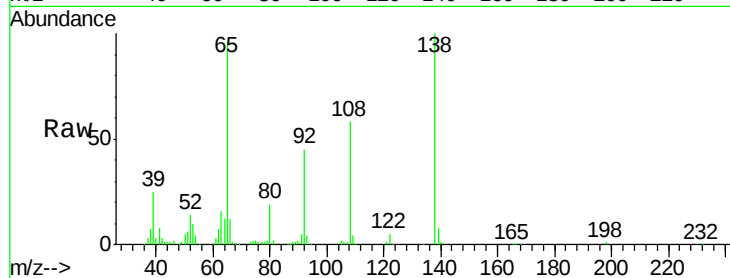
#61
4-Nitroaniline
Concen: 45.75 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleID :
PB96743BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.9	31.7	71.7
108	58.0	52.6	92.6

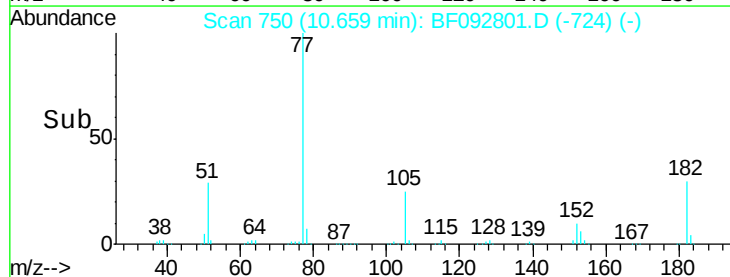
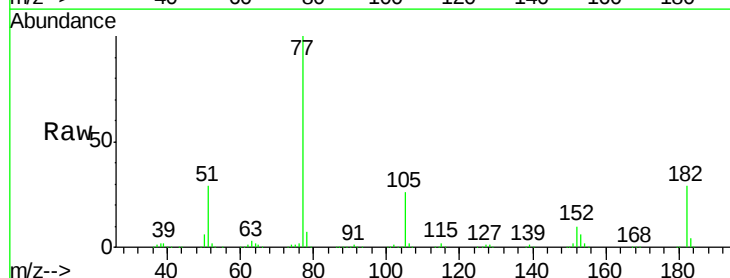
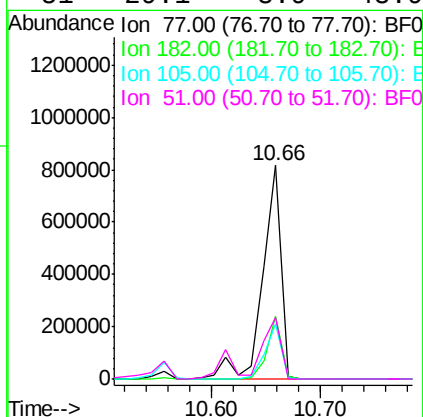
Manual Integrations
APPROVED

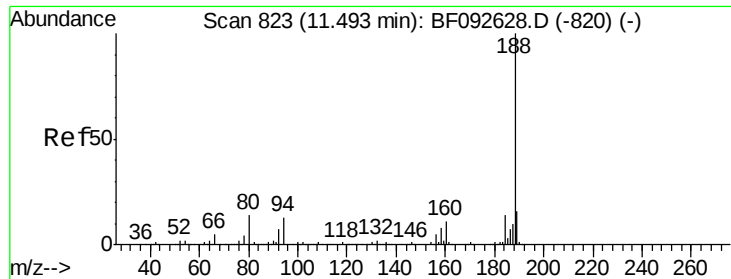
mohammad
2/7/2017 3:14:23 PM



#62
Azobenzene
Concen: 48.35 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	0.0	39.3
105	25.6	2.3	42.3
51	29.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

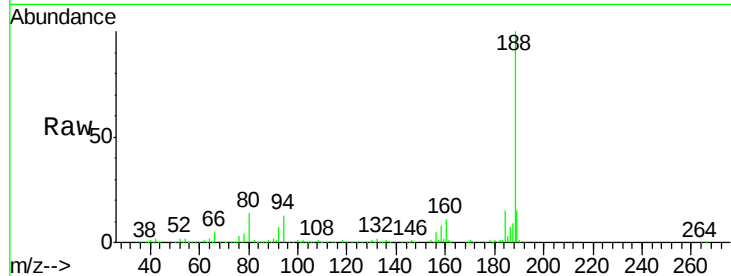
ClientSampleID :

PB96743BS

Tot Ion:188	Resp:	521509
Ion Ratio	Lower	Upper
188 100		
94 13.0	10.0	15.0
80 14.1	11.2	16.8

Manual Integrations
APPROVED

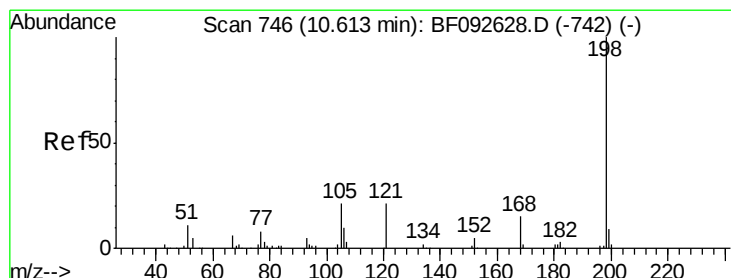
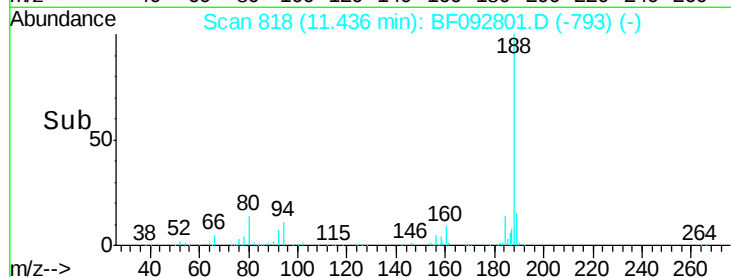
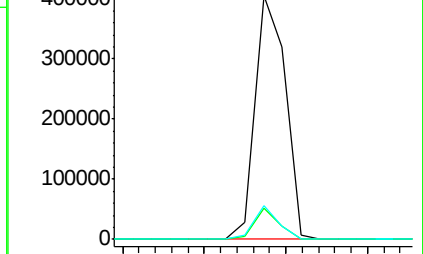
mohammad
2/7/2017 3:14:23 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.36 ng

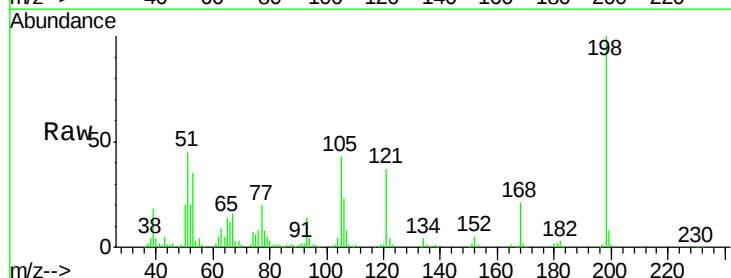
RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

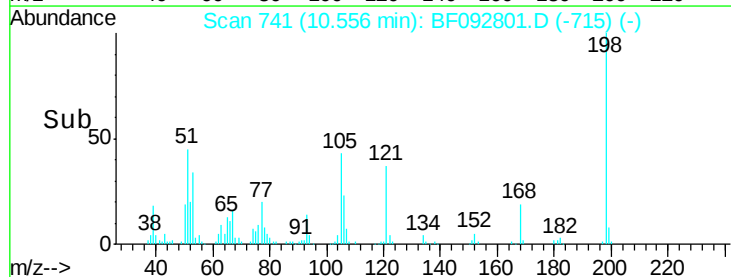
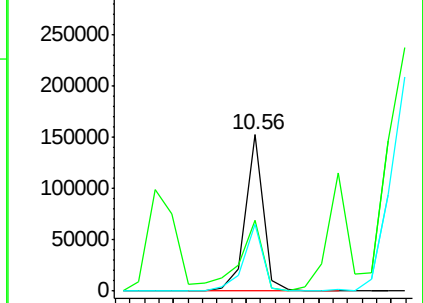
Tgt Ion:198	Resp:	130046
Ion Ratio	Lower	Upper
198 100		
51 45.2	6.7	46.7
105 43.2	16.6	56.6

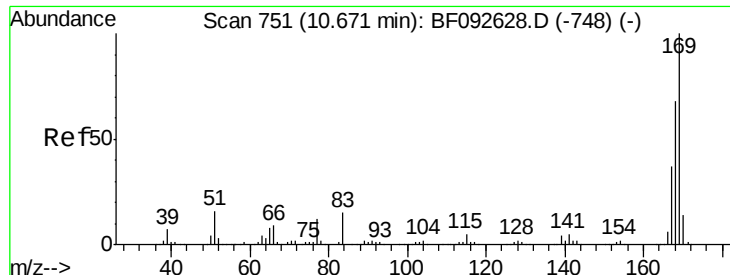


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





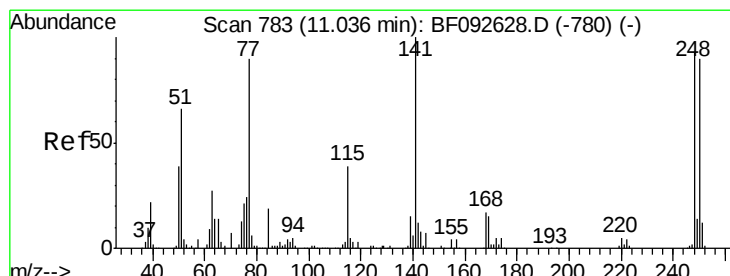
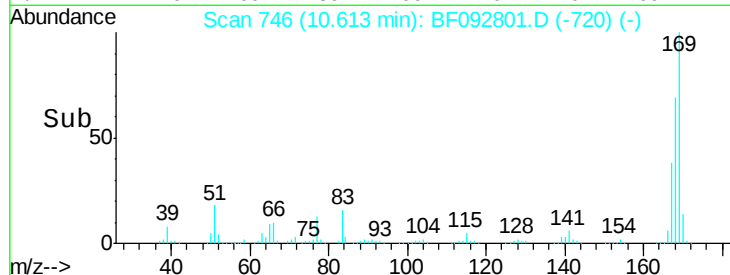
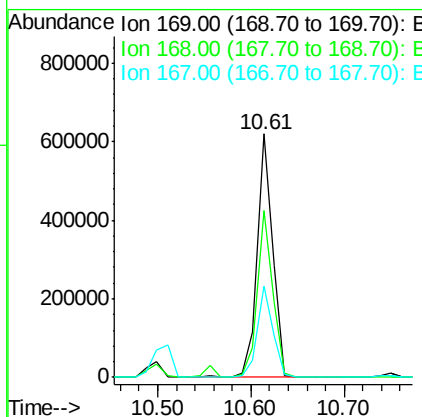
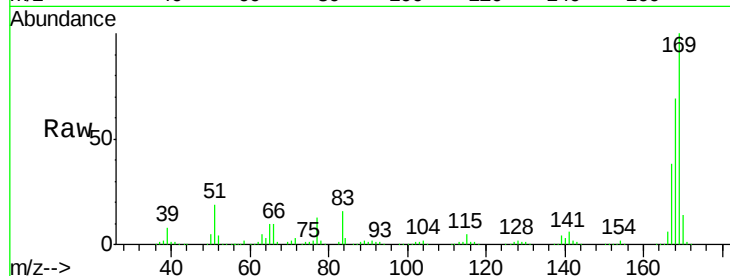
#65
n-Nitrosodiphenylamine
Concen: 42.88 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	714357		
168	68.7		54.2	81.2
167	37.6		30.2	45.4

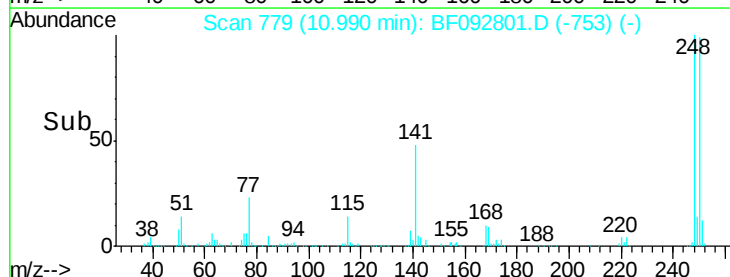
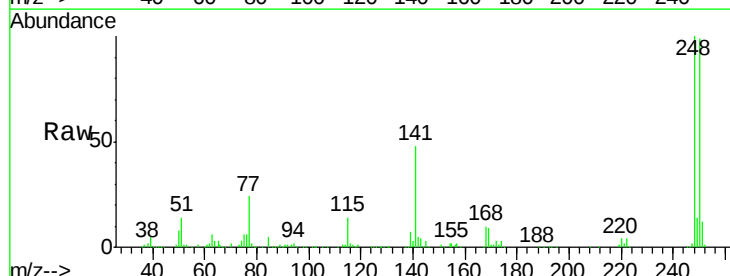
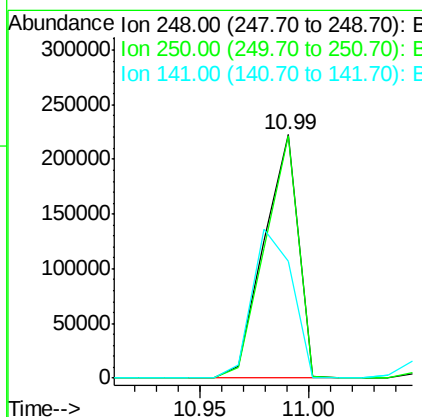
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#66
4-Bromophenyl-phenylether
Concen: 45.34 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247050		
250	99.3		76.9	115.3
141	47.8		68.2	102.4#





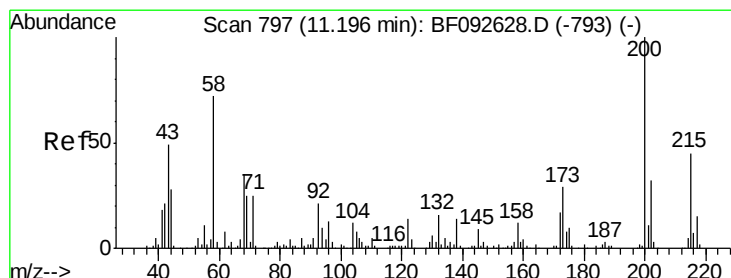
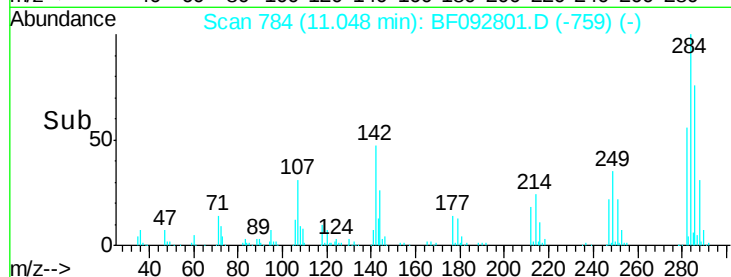
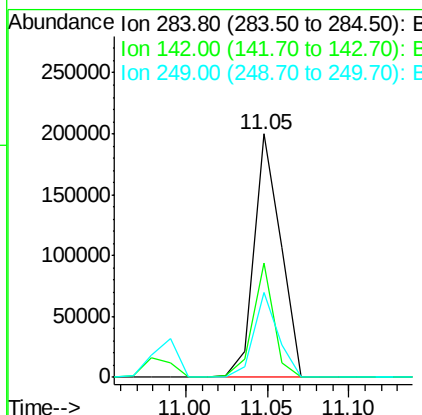
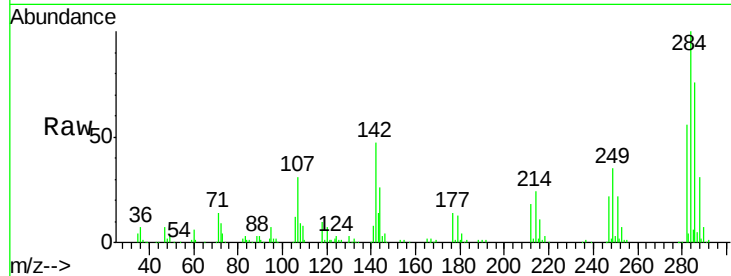
#67
Hexachlorobenzene
Concen: 41.95 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225868		
142	46.8	22.6	33.8#	
249	35.1	25.4	38.0	

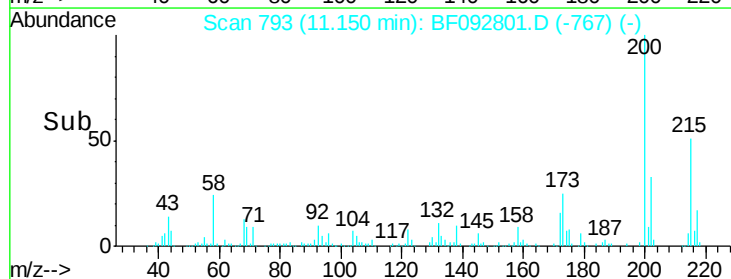
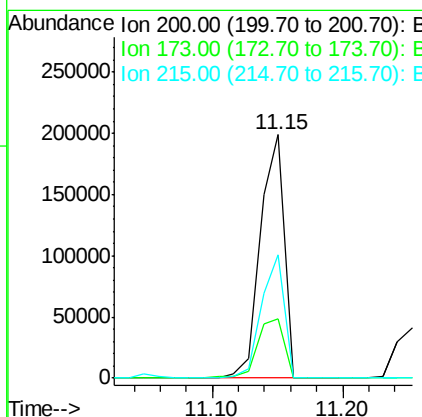
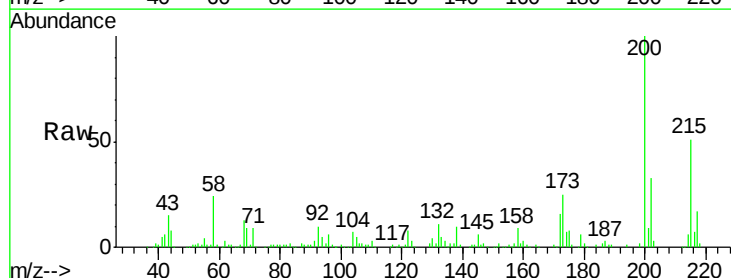
Manual Integrations
APPROVED

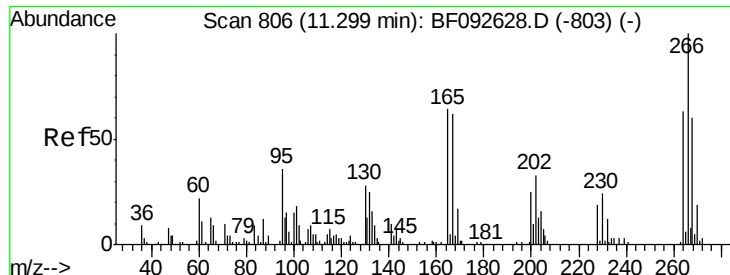
mohammad
2/7/2017 3:14:23 PM



#68
Atrazine
Concen: 47.45 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	253695		
173	24.6	9.6	49.6	
215	50.6	25.7	65.7	





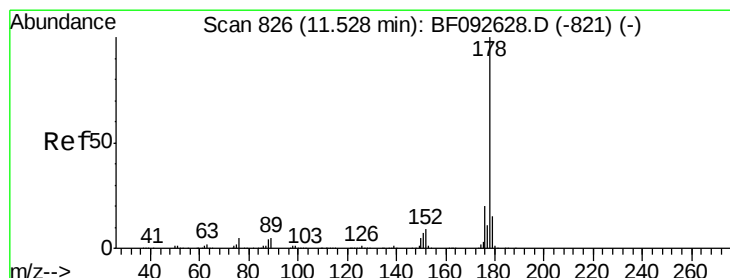
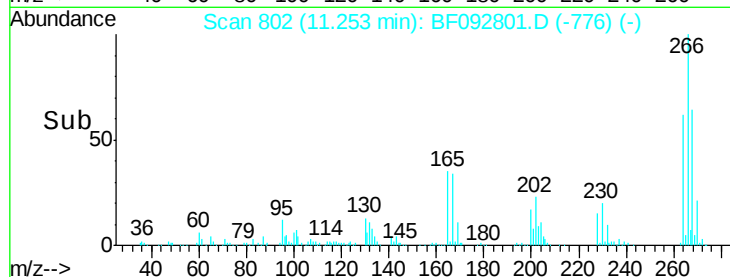
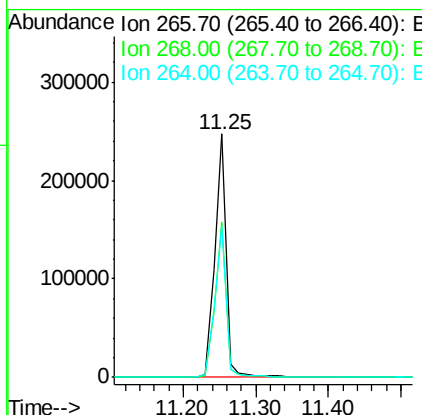
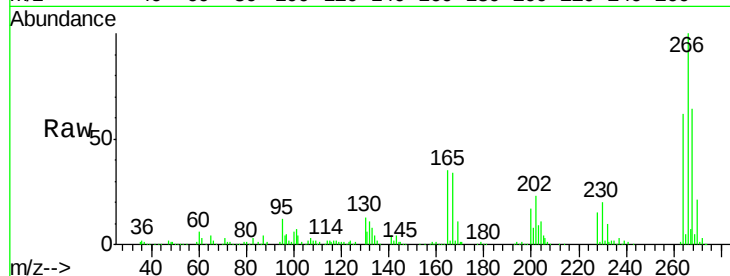
#69
 Pentachlorophenol
 Concen: 95.07 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	268384		
268	64.0	53.3	79.9	
264	62.1	50.3	75.5	

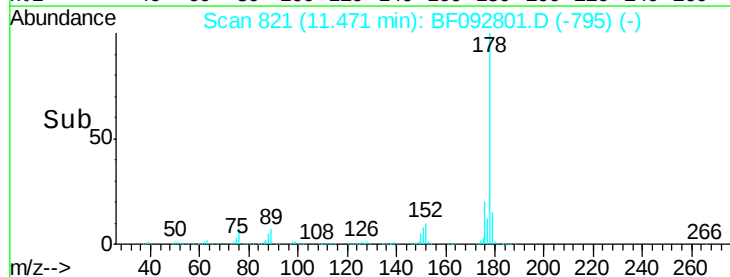
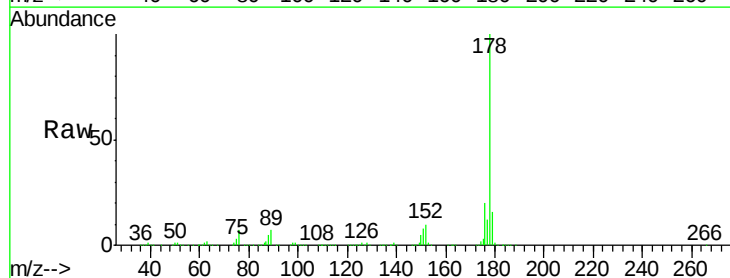
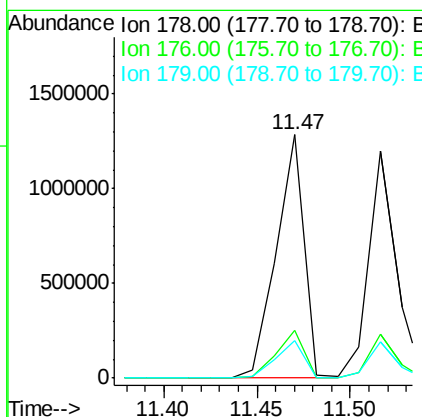
Manual Integrations
 APPROVED

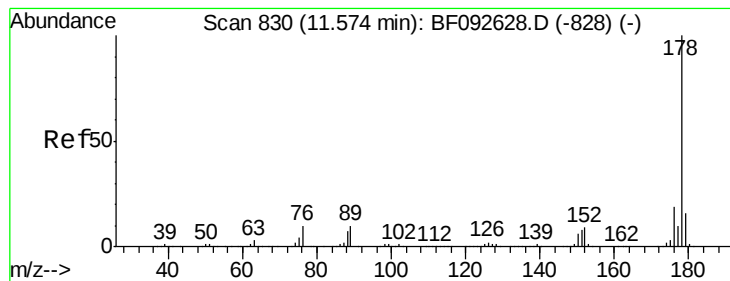
mohammad
 2/7/2017 3:14:23 PM



#70
 Phenanthrene
 Concen: 45.08 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1346822		
176	19.6	16.6	25.0	
179	15.6	12.8	19.2	





#71

Anthracene

Concen: 39.97 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

ClientSampleId :

PB96743BS

Tot Ion:178 Resp: 1199271

Ion Ratio Lower Upper

178 100

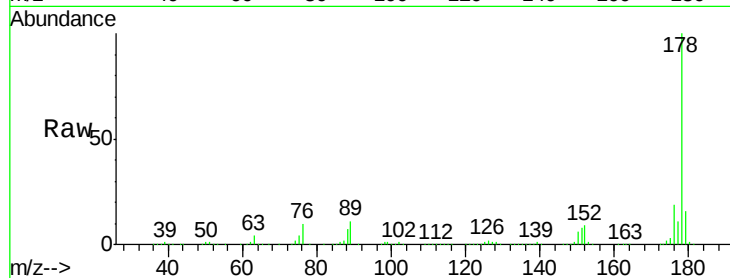
176 19.1 15.9 23.9

179 16.1 13.2 19.8

Manual Integrations
APPROVED

mohammad

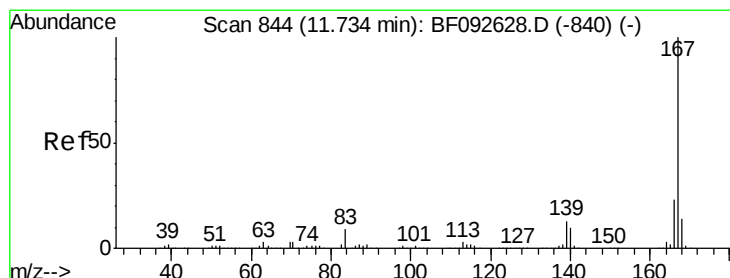
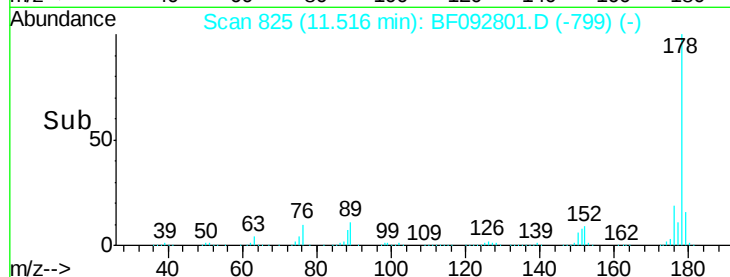
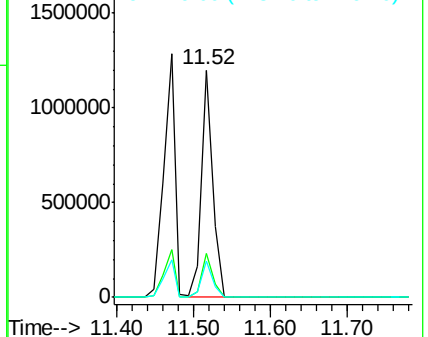
2/7/2017 3:14:23 PM



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: 42.25 ng

RT: 11.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

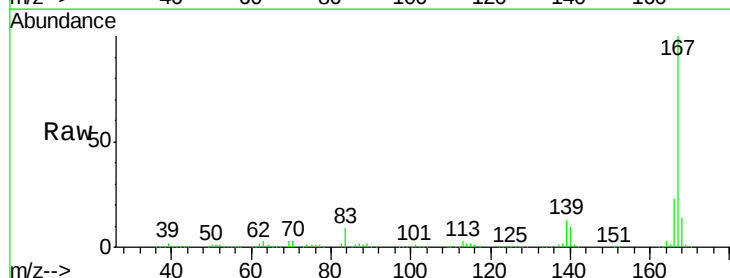
Tgt Ion:167 Resp: 1211674

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

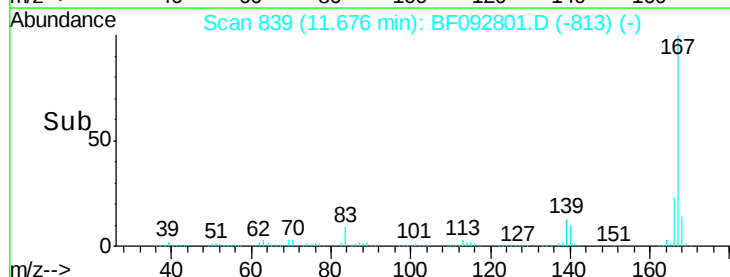
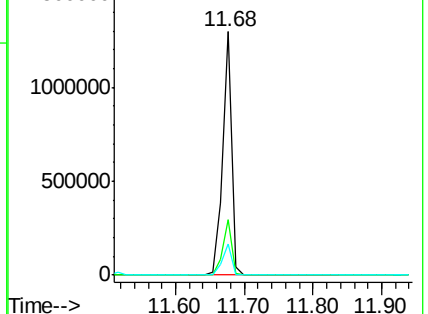
139 13.0 11.4 17.2



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: 45.97 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

ClientSampled :

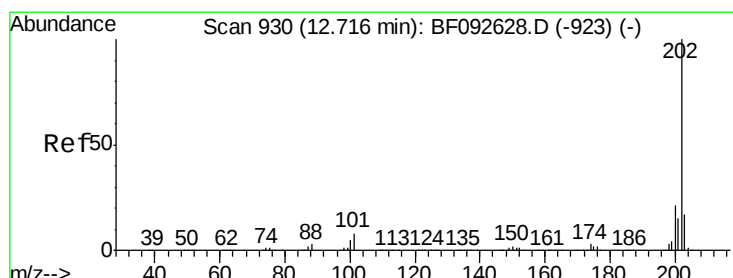
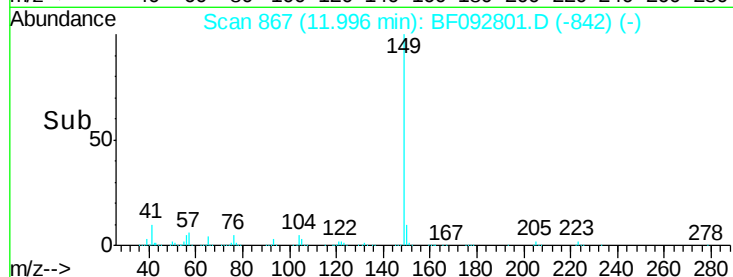
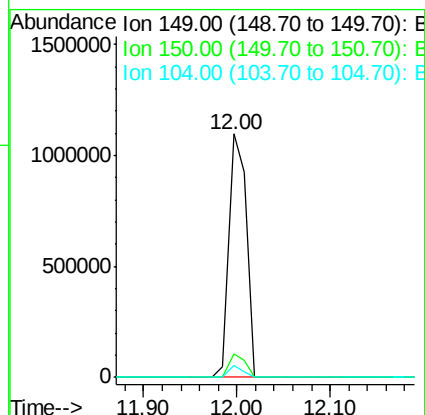
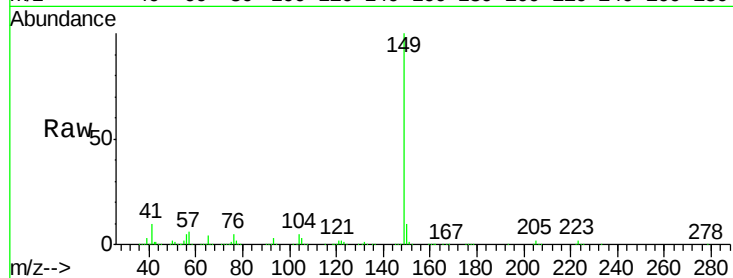
PB96743BS

Tot Ion:149 Resp: 1425871

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.7	4.6	7.0

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#74

Fluoranthene

Concen: 44.73 ng

RT: 12.66 min Scan# 925

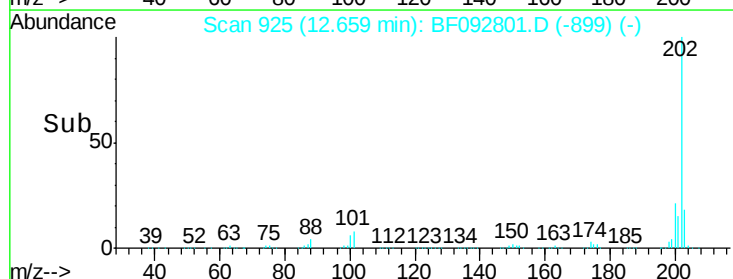
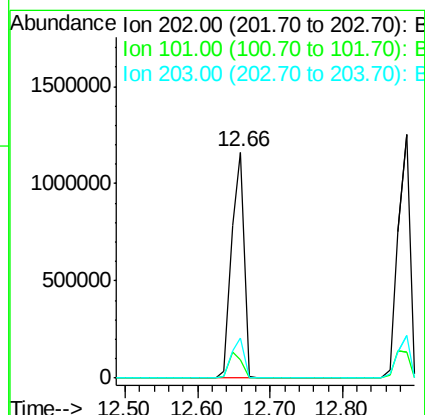
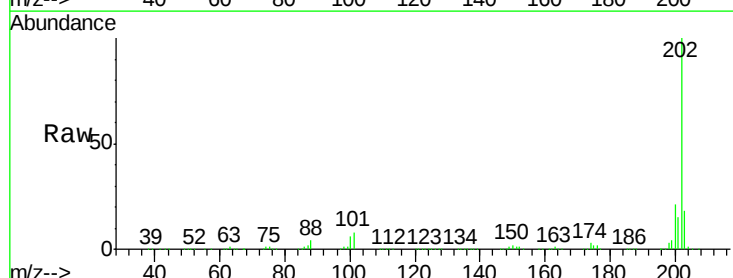
Delta R.T. -0.00 min

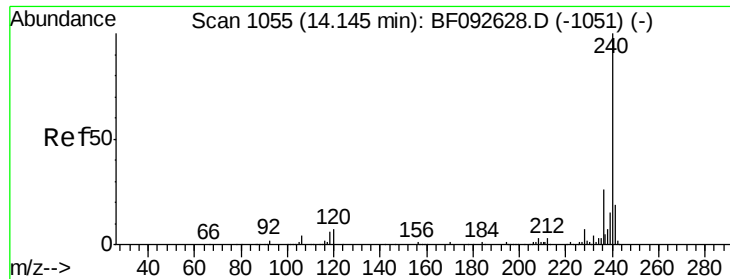
Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion:202 Resp: 1378424

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	34.6
203	17.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

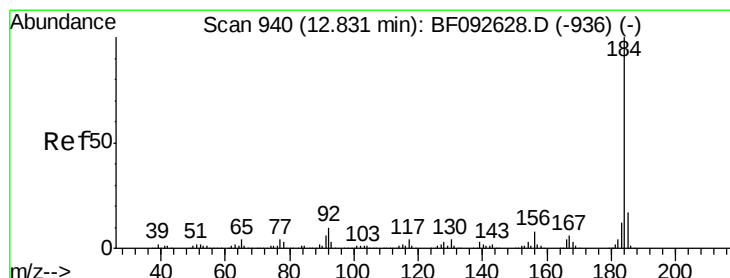
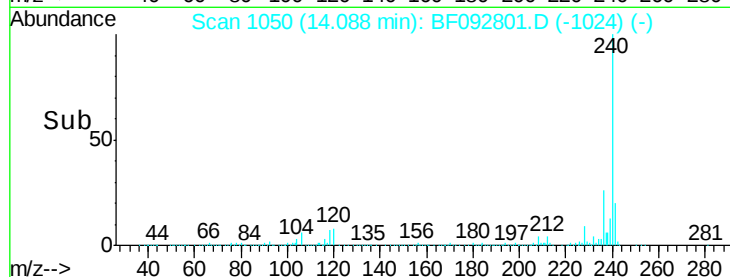
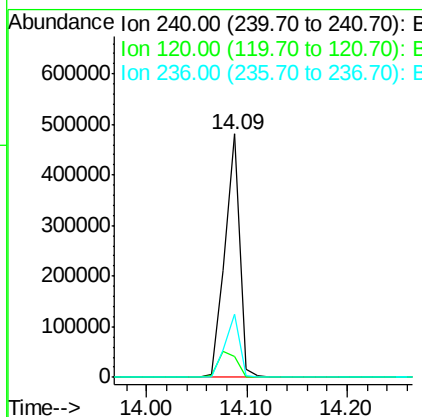
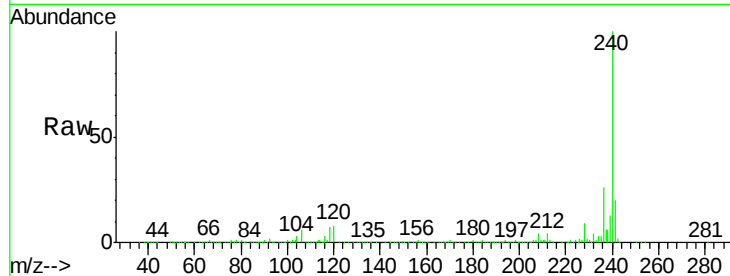
ClientSampleId :

PB96743BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	12.9	19.3#
236	26.0	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#76

Benzidine

Concen: 15.57 ng

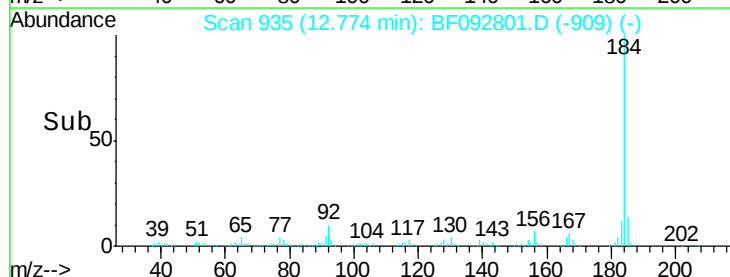
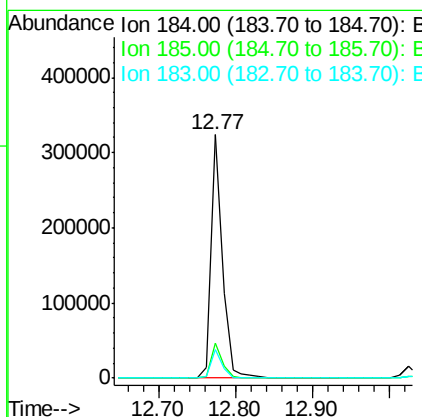
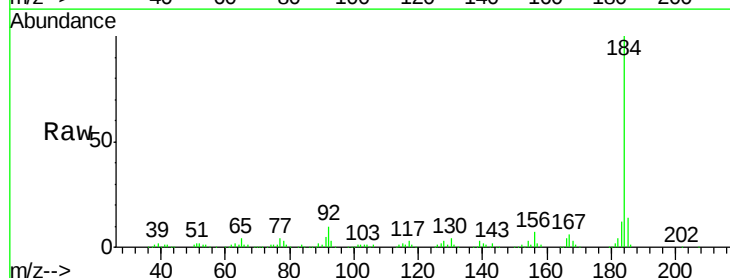
RT: 12.77 min Scan# 935

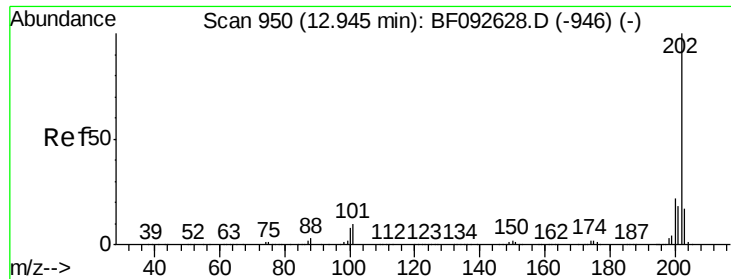
Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.9	9.2	13.8





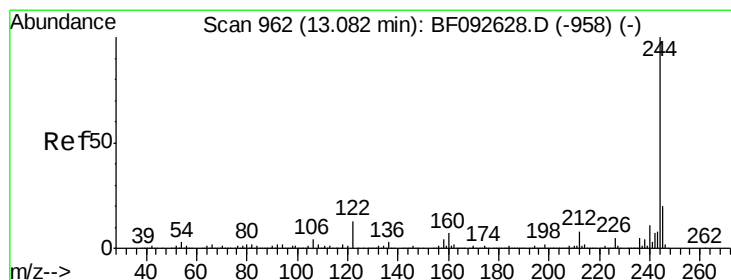
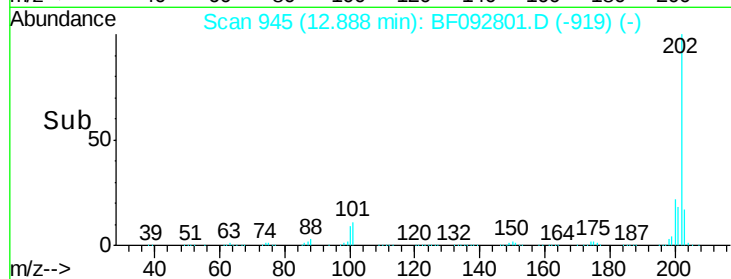
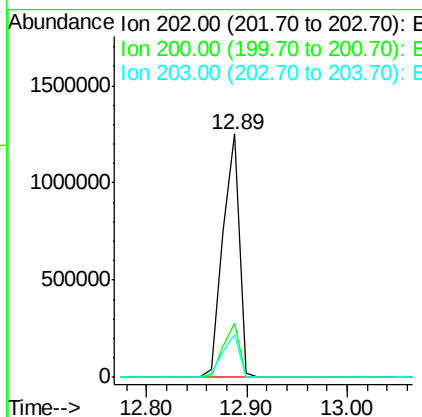
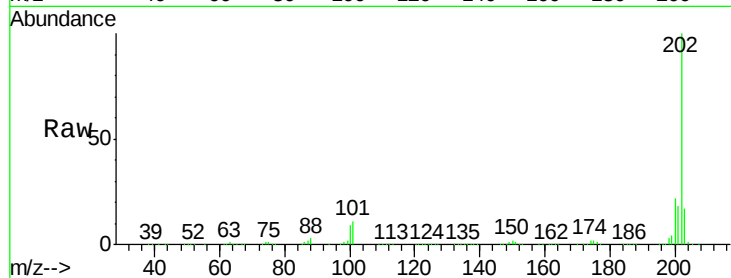
#77
Pvrene
Concen: 38.42 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion:202 Resp: 1425600
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.3 14.7 22.1

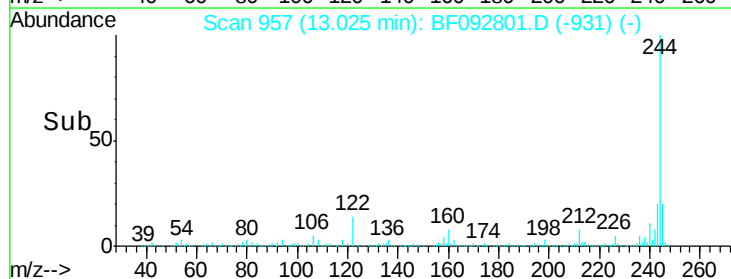
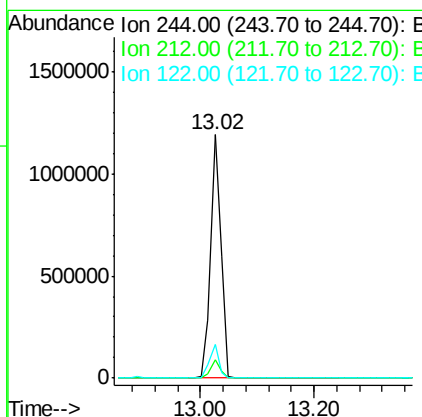
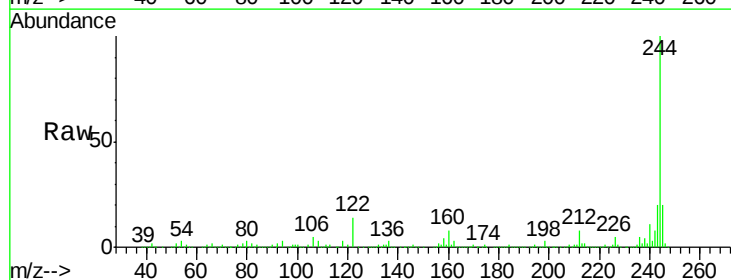
Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#78
Terphenyl-d14
Concen: 68.46 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion:244 Resp: 1444476
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.9 11.4 17.2





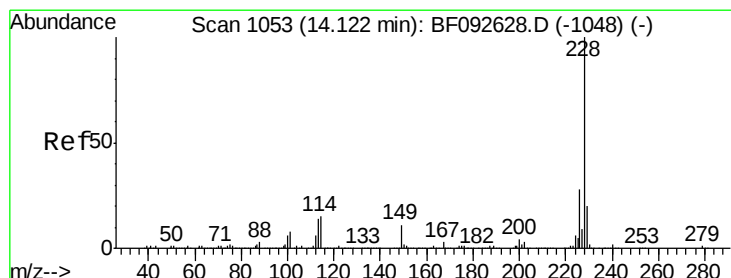
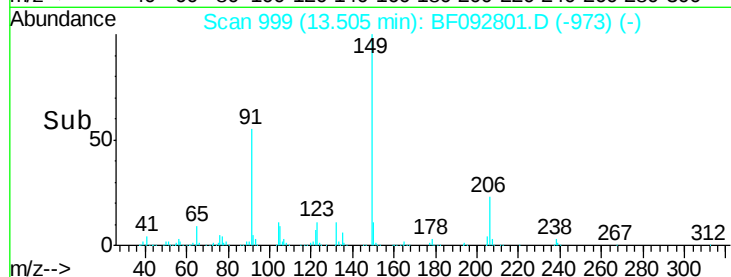
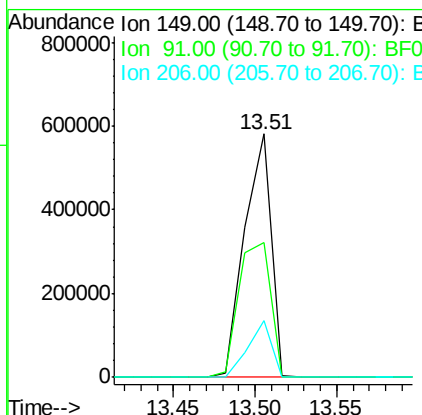
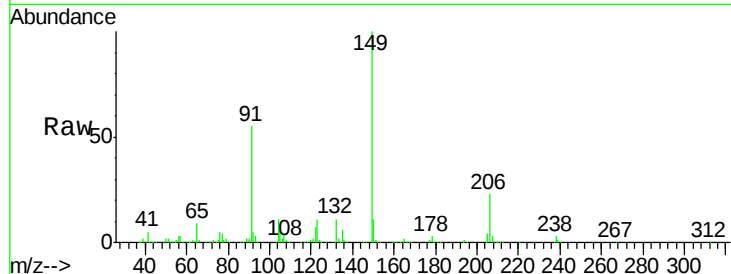
#79
Butylbenzylphthalate
Concen: 43.54 ng
RT: 13.51 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.3	63.9	95.9#
206	23.3	14.6	21.8#

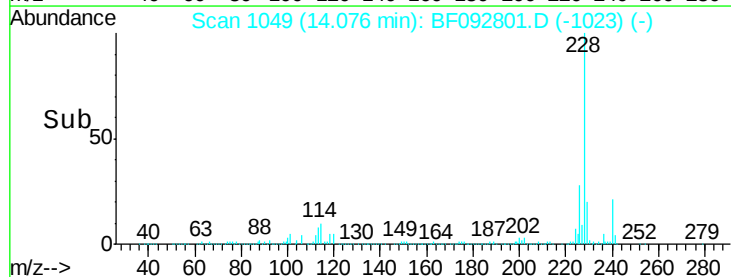
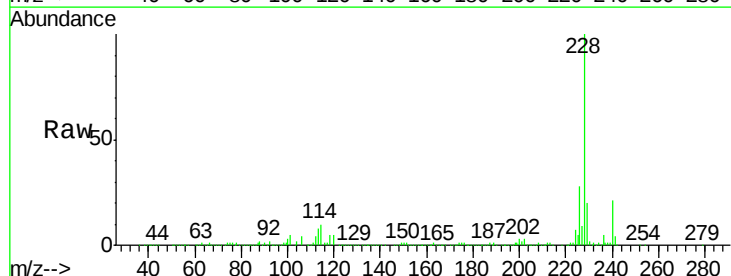
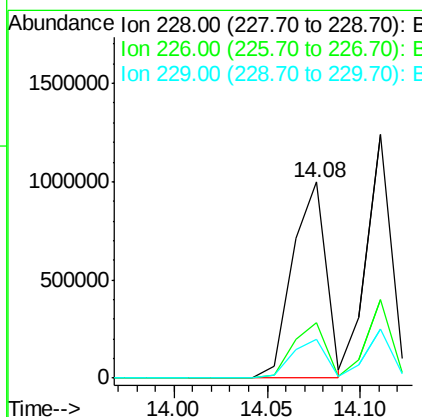
Manual Integrations
APPROVED

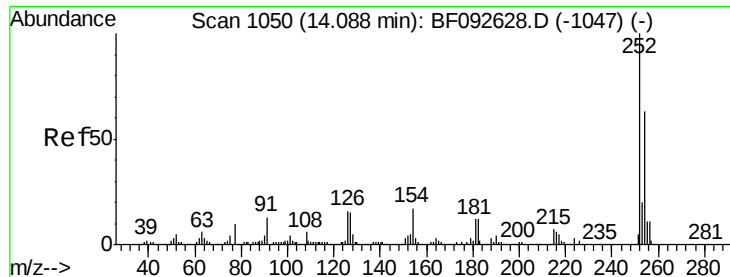
mohammad
2/7/2017 3:14:23 PM



#80
Benzo(a)anthracene
Concen: 41.05 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.0	16.2	24.4





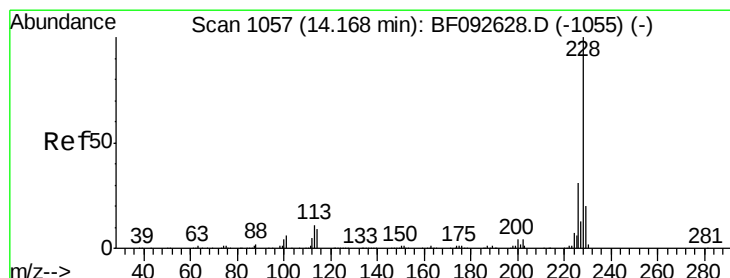
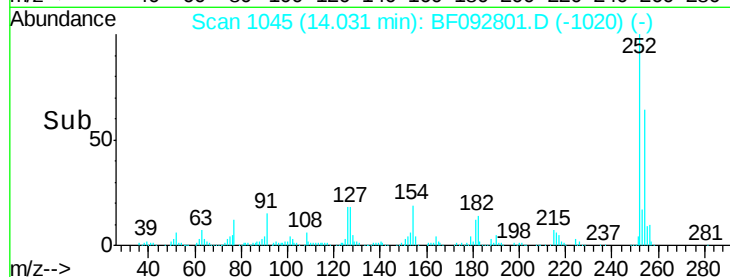
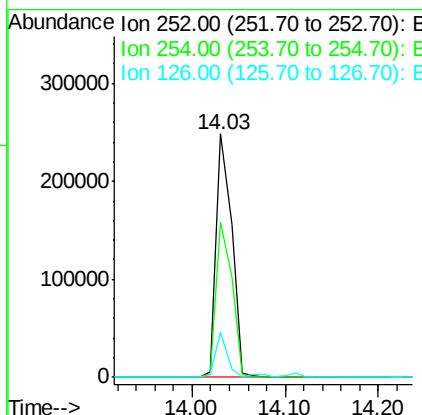
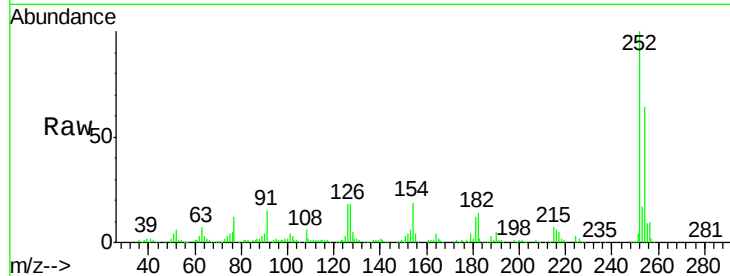
#81
 3,3'-Dichlorobenzidine
 Concen: 26.61 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	287589		
254	64.0	52.3	78.5	
126	18.5	13.6	20.4	

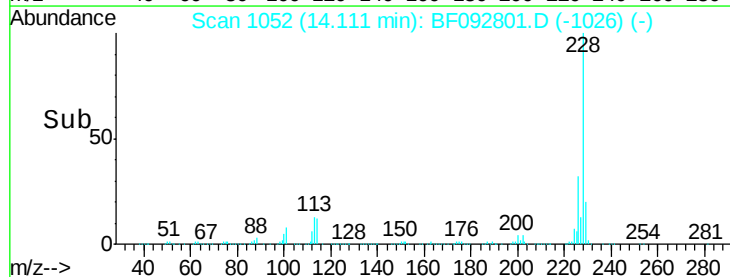
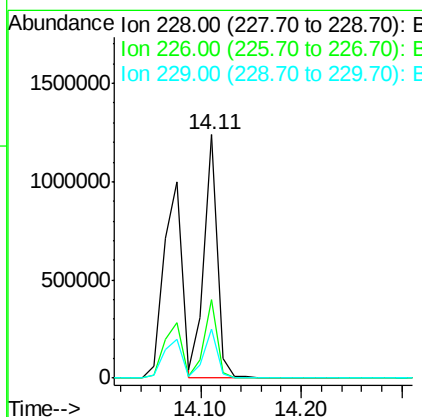
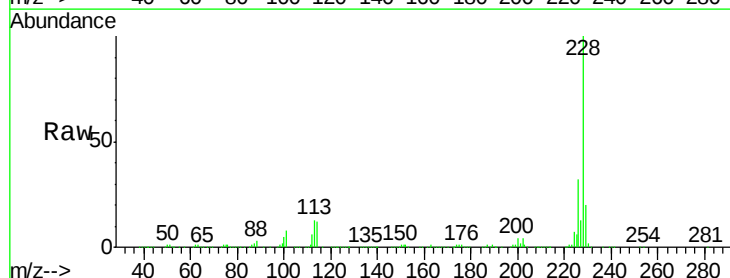
Manual Integrations
 APPROVED

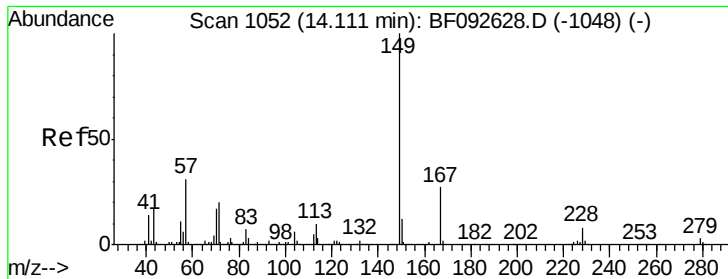
mohammad
 2/7/2017 3:14:23 PM



#82
 Chrysene
 Concen: 40.31 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1144392		
226	32.1	25.4	38.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.92 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Instrument :

BNA_F

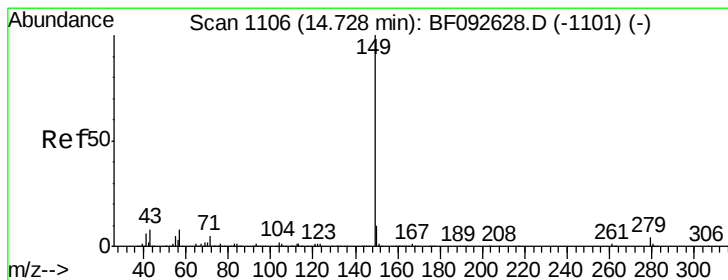
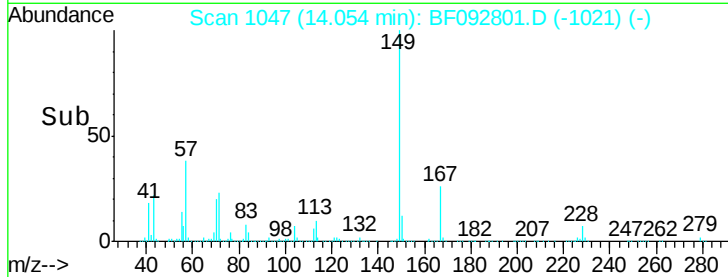
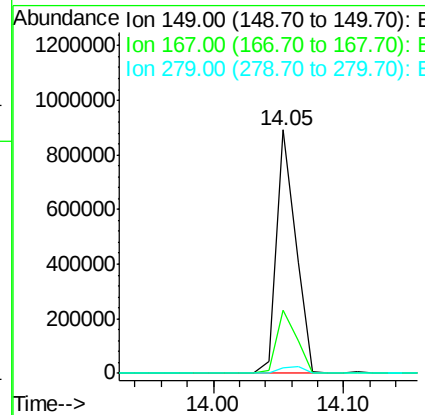
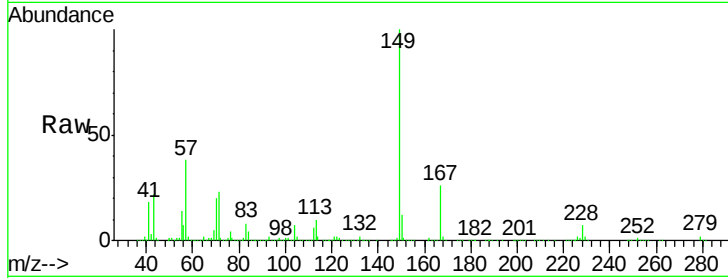
ClientSampleID :

PB96743BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.0	1.8	2.8

Manual Integrations
APPROVED

mohammad
2/7/2017 3:14:23 PM



#84

Di-n-octyl phthalate

Concen: 49.06 ng

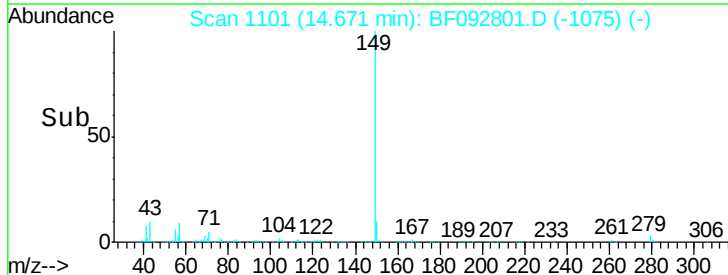
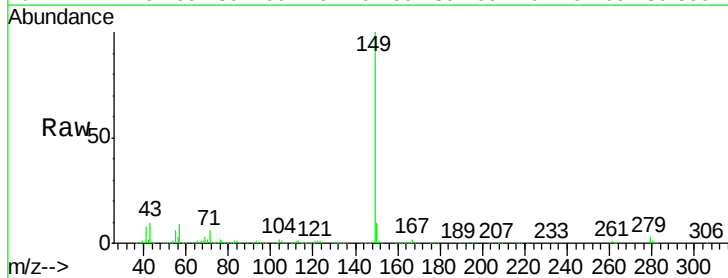
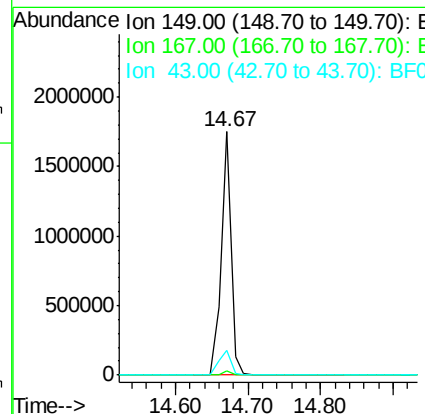
RT: 14.67 min Scan# 1101

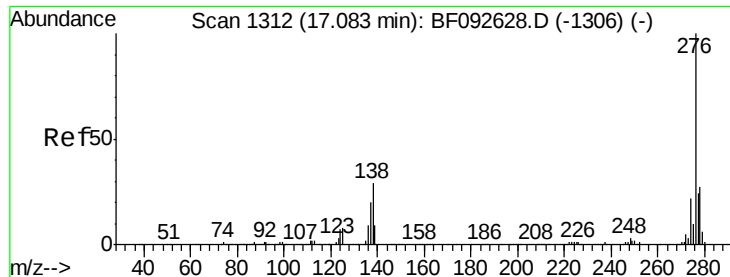
Delta R.T. -0.00 min

Lab File: BF092801.D

Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.9	8.9	13.3





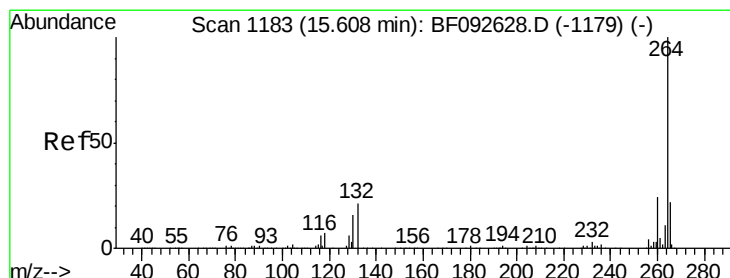
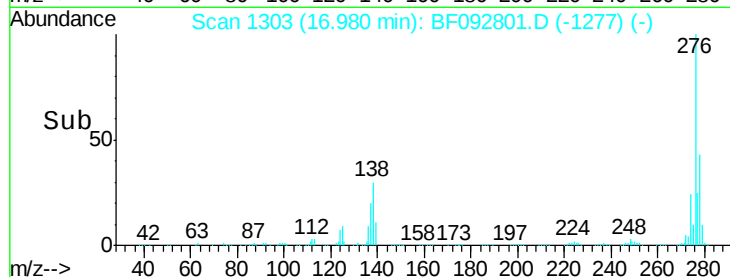
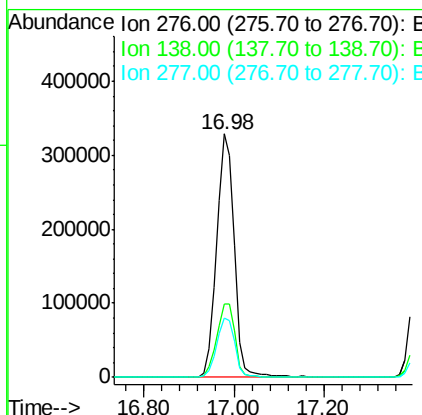
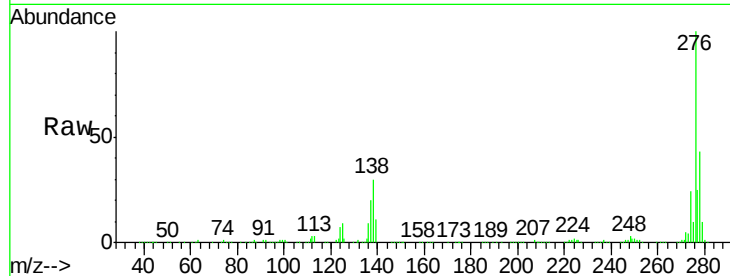
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.82 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.8	32.6
277	25.0	20.2	30.4

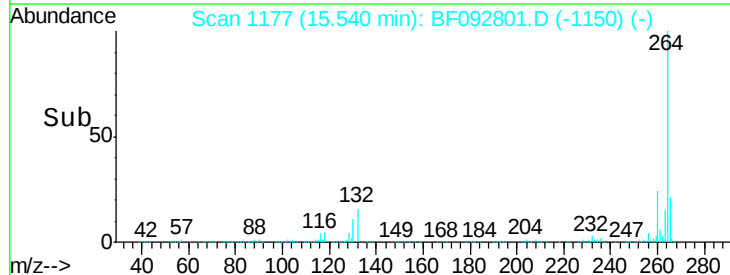
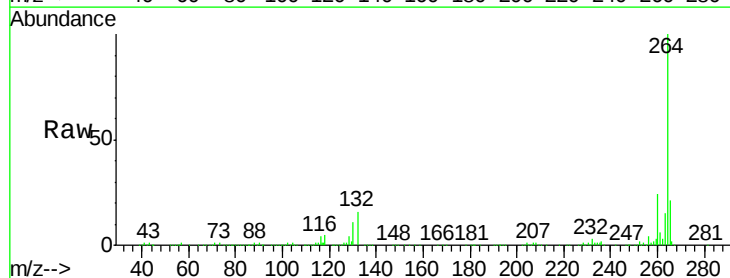
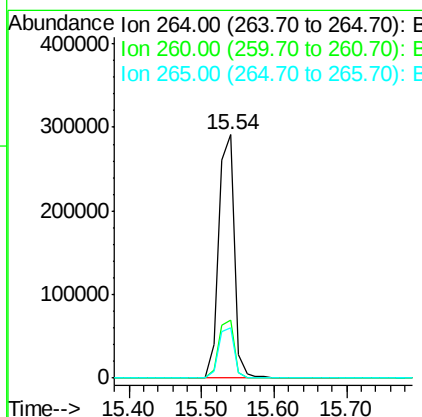
Manual Integrations
APPROVED

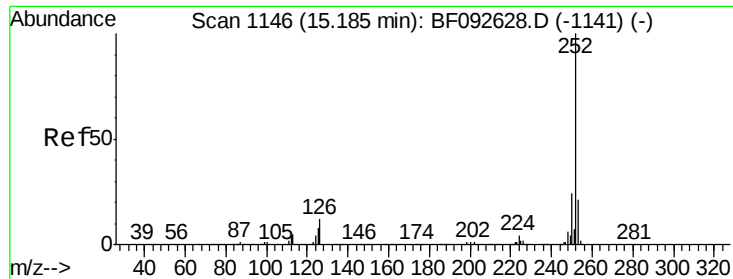
mohammad
2/7/2017 3:14:23 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.4	26.0





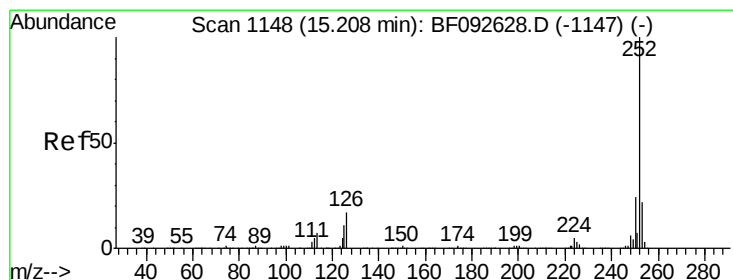
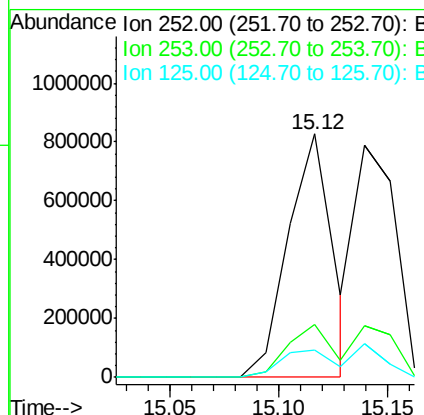
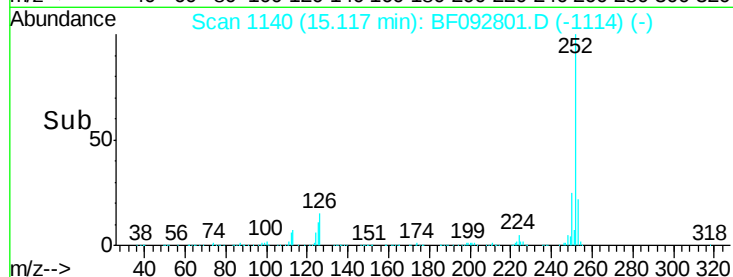
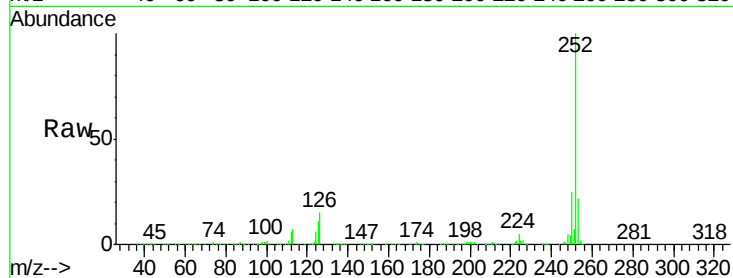
#87
Benzo(b)fluoranthene
Concen: 41.02 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleID :
PB96743BS

Tot Ion:252 Resp: 1176915
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.0 9.8 14.6

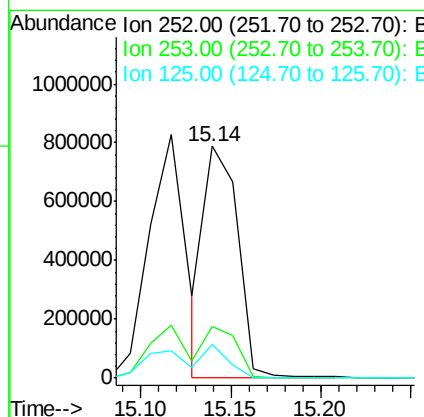
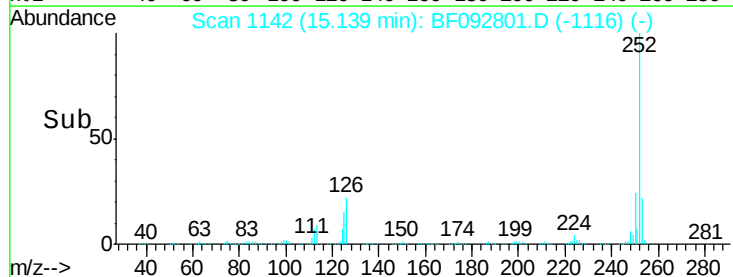
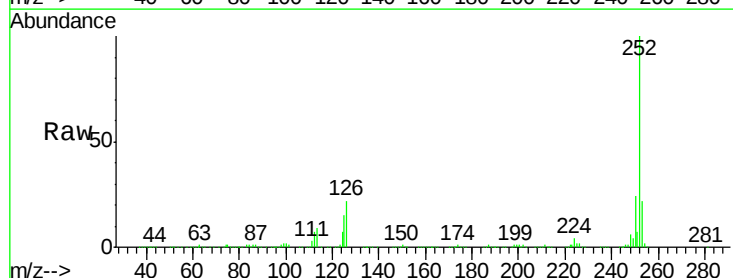
Manual Integrations
APPROVED

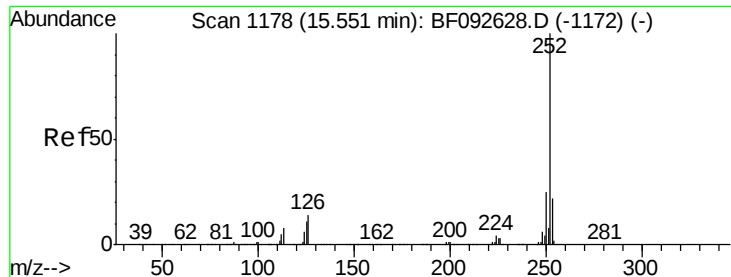
mohammad
2/7/2017 3:14:23 PM



#88
Benzo(k)fluoranthene
Concen: 41.97 ng m
RT: 15.14 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion:252 Resp: 1039824
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 14.7 8.9 13.3#





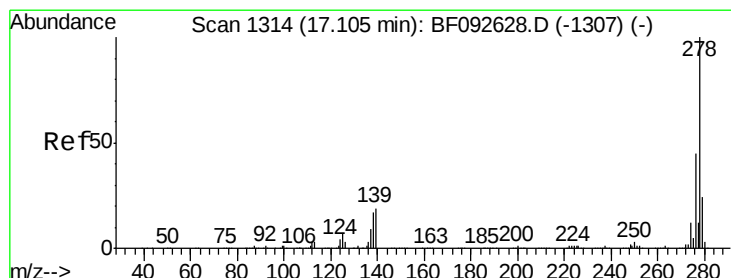
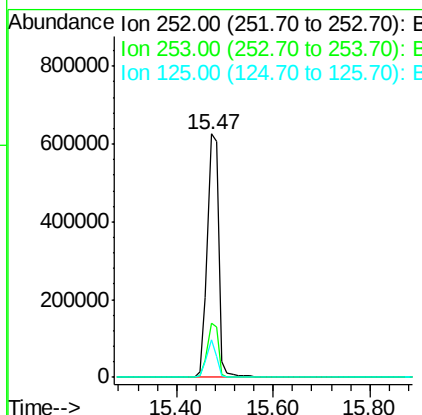
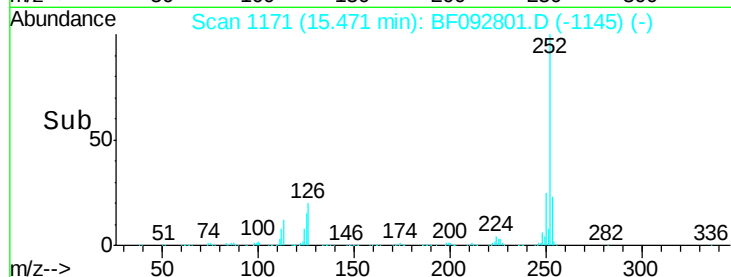
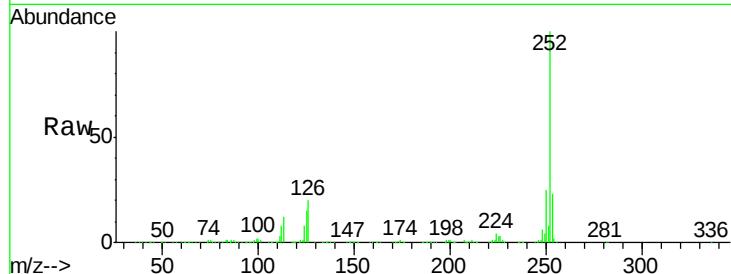
#89
Benzo(a)pyrene
Concen: 42.32 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	15.4	10.0	15.0

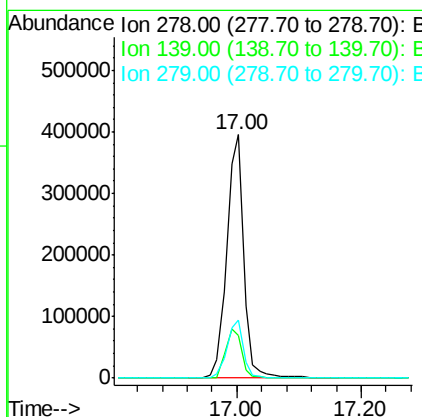
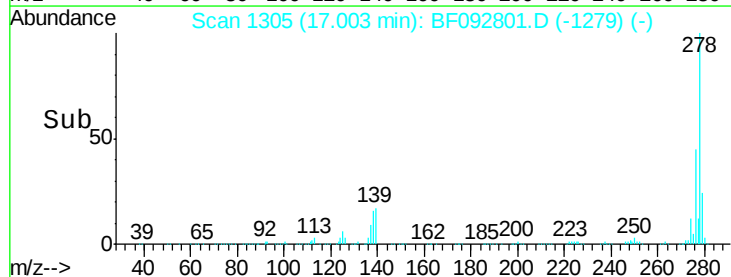
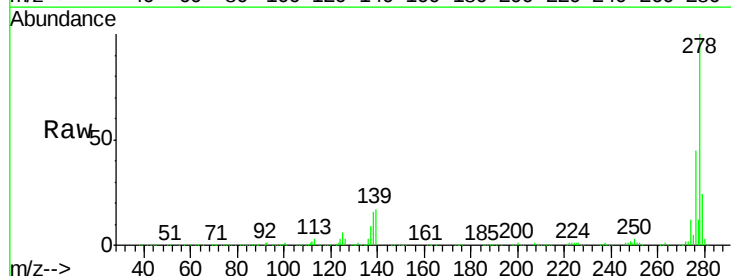
Manual Integrations
APPROVED

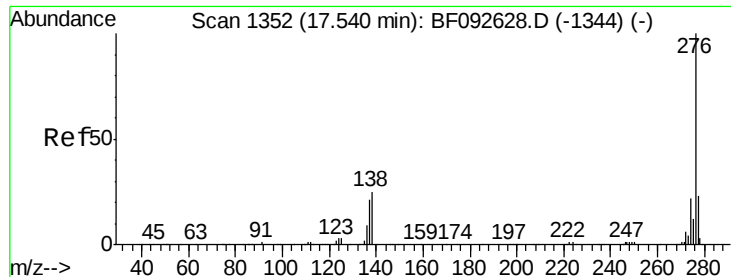
mohammad
2/7/2017 3:14:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.58 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF092801.D
Acq: 6 Feb 2017 17:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.8	22.2
279	23.7	19.8	29.6





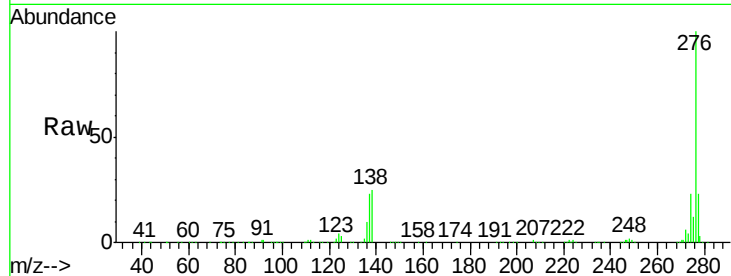
#91
 Benzo(a,h,i)perylene
 Concen: 37.18 ng
 RT: 17.43 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF092801.D
 Acq: 6 Feb 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	19.2	28.8
138	24.6	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/7/2017 3:14:23 PM



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

