

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092889.D
 Acq On : 10 Feb 2017 18:07
 Operator : SJ/MA
 Sample : PB96841BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM

Quant Time: Feb 10 23:45:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163489	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	655086	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	389894	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	633762	20.00	ng	0.00
75) Chrysene-d12	14.07	240	524158	20.00	ng	0.00
86) Perylene-d12	15.51	264	428407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	792436	83.16	ng	0.01
7) Phenol-d6	6.53	99	934021	76.18	ng	0.00
23) Nitrobenzene-d5	7.46	82	894951	76.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	200704	71.17	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1698373	78.92	ng	0.00
78) Terphenyl-d14	13.01	244	1460520	65.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	171698	33.34	ng	# 83
3) Pyridine	3.31	79	489569	37.39	ng	86
4) n-Nitrosodimethylamine	3.28	42	237886	38.69	ng	86
6) Aniline	6.56	93	200436	11.98	ng	# 64
8) 2-Chlorophenol	6.68	128	433886	41.27	ng	97
9) Benzaldehyde	6.44	77	157886	17.97	ng	97
10) Phenol	6.54	94	482929	33.66	ng	78
11) bis(2-Chloroethyl)ether	6.64	93	436579	38.13	ng	95
12) 1,3-Dichlorobenzene	6.83	146	459710m	37.33	ng	
13) 1,4-Dichlorobenzene	6.91	146	483518	38.80	ng	97
14) 1,2-Dichlorobenzene	7.07	146	451162	37.86	ng	95
15) Benzyl Alcohol	7.04	79	360178	39.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	753173	37.86	ng	94
17) 2-Methylphenol	7.16	107	382900	42.45	ng	95
18) Hexachloroethane	7.40	117	160333	37.69	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	289059	37.03	ng	96
20) 3+4-Methylphenols	7.31	107	429553	39.83	ng	# 82
22) Acetophenone	7.31	105	552742	36.96	ng	# 93
24) Nitrobenzene	7.48	77	466438	38.61	ng	96
25) Isophorone	7.72	82	850556	38.80	ng	98
26) 2-Nitrophenol	7.80	139	258301	44.99	ng	# 86
27) 2,4-Dimethylphenol	7.84	122	401692	39.83	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	558533	38.47	ng	98
29) 2,4-Dichlorophenol	8.04	162	373336	39.70	ng	92
30) 1,2,4-Trichlorobenzene	8.12	180	381482	37.64	ng	96
31) Naphthalene	8.20	128	1155079	34.78	ng	99
32) Benzoic acid	7.97	122	186353	34.91	ng	99
33) 4-Chloroaniline	8.26	127	92150	7.08	ng	94
34) Hexachlorobutadiene	8.32	225	204005	36.59	ng	99
35) Caprolactam	8.62	113	123609m	41.78	ng	
36) 4-Chloro-3-methylphenol	8.75	107	420737	42.91	ng	94
37) 2-Methylnaphthalene	8.90	142	873510	40.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	356066	32.53	ng	99
40) Hexachlorocyclopentadiene	9.05	237	309437	62.67	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092889.D
 Acq On : 10 Feb 2017 18:07
 Operator : SJ/MA
 Sample : PB96841BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB96841BS

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM

Quant Time: Feb 10 23:45:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	268089	37.28	ng	91
43) 2,4,5-Trichlorophenol	9.22	196	270295	34.30	ng	92
45) 1,1'-Biphenyl	9.36	154	955269	33.84	ng	96
46) 2-Chloronaphthalene	9.39	162	826727	37.43	ng	96
47) 2-Nitroaniline	9.48	65	234791	31.62	ng	99
48) Acenaphthylene	9.80	152	1273665	33.38	ng	98
49) Dimethylphthalate	9.66	163	928237	35.35	ng	99
50) 2,6-Dinitrotoluene	9.72	165	210253	37.07	ng	# 73
51) Acenaphthene	9.97	154	783362	34.34	ng	97
52) 3-Nitroaniline	9.89	138	71032	10.94	ng	91
53) 2,4-Dinitrophenol	10.01	184	195166	68.38	ng	# 88
54) Dibenzofuran	10.14	168	1092141	35.80	ng	95
55) 4-Nitrophenol	10.08	139	349746	74.82	ng	# 63
56) 2,4-Dinitrotoluene	10.13	165	286360	37.92	ng	91
57) Fluorene	10.49	166	834468	35.55	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	212535	40.43	ng	95
59) Diethylphthalate	10.36	149	904771	36.56	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	365688	32.43	ng	93
61) 4-Nitroaniline	10.51	138	189104	28.45	ng	93
62) Azobenzene	10.64	77	960918	37.58	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	134834	35.68	ng	89
65) n-Nitrosodiphenylamine	10.60	169	791048	39.07	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	234512	35.42	ng	97
67) Hexachlorobenzene	11.04	284	244957	37.44	ng	98
68) Atrazine	11.13	200	230568	35.49	ng	99
69) Pentachlorophenol	11.23	266	247686	73.93	ng	97
70) Phenanthrene	11.45	178	1198482	33.01	ng	99
71) Anthracene	11.50	178	1384472	37.97	ng	98
72) Carbazole	11.65	167	1091592	31.32	ng	98
73) Di-n-butylphthalate	11.98	149	1455112	38.60	ng	# 97
74) Fluoranthene	12.64	202	1262162	33.70	ng	97
76) Benzidine	12.76	184	280351	12.55	ng	96
77) Pyrene	12.86	202	1255927	32.02	ng	99
79) Butylbenzylphthalate	13.48	149	625166	39.25	ng	88
80) Benzo(a)anthracene	14.05	228	1038146	32.38	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	204931	17.93	ng	# 95
82) Chrysene	14.09	228	949647m	31.64	ng	
83) Bis(2-ethylhexyl)phthalate	14.04	149	819410	37.61	ng	# 95
84) Di-n-octyl phthalate	14.65	149	1394054	39.30	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	887608	38.18	ng	95
87) Benzo(b)fluoranthene	15.09	252	1078930	38.26	ng	# 96
88) Benzo(k)fluoranthene	15.12	252	852537m	35.02	ng	
89) Benzo(a)pyrene	15.45	252	912483	37.41	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	749693	38.03	ng	98
91) Benzo(g,h,i)perylene	17.38	276	741509	37.23	ng	# 92

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

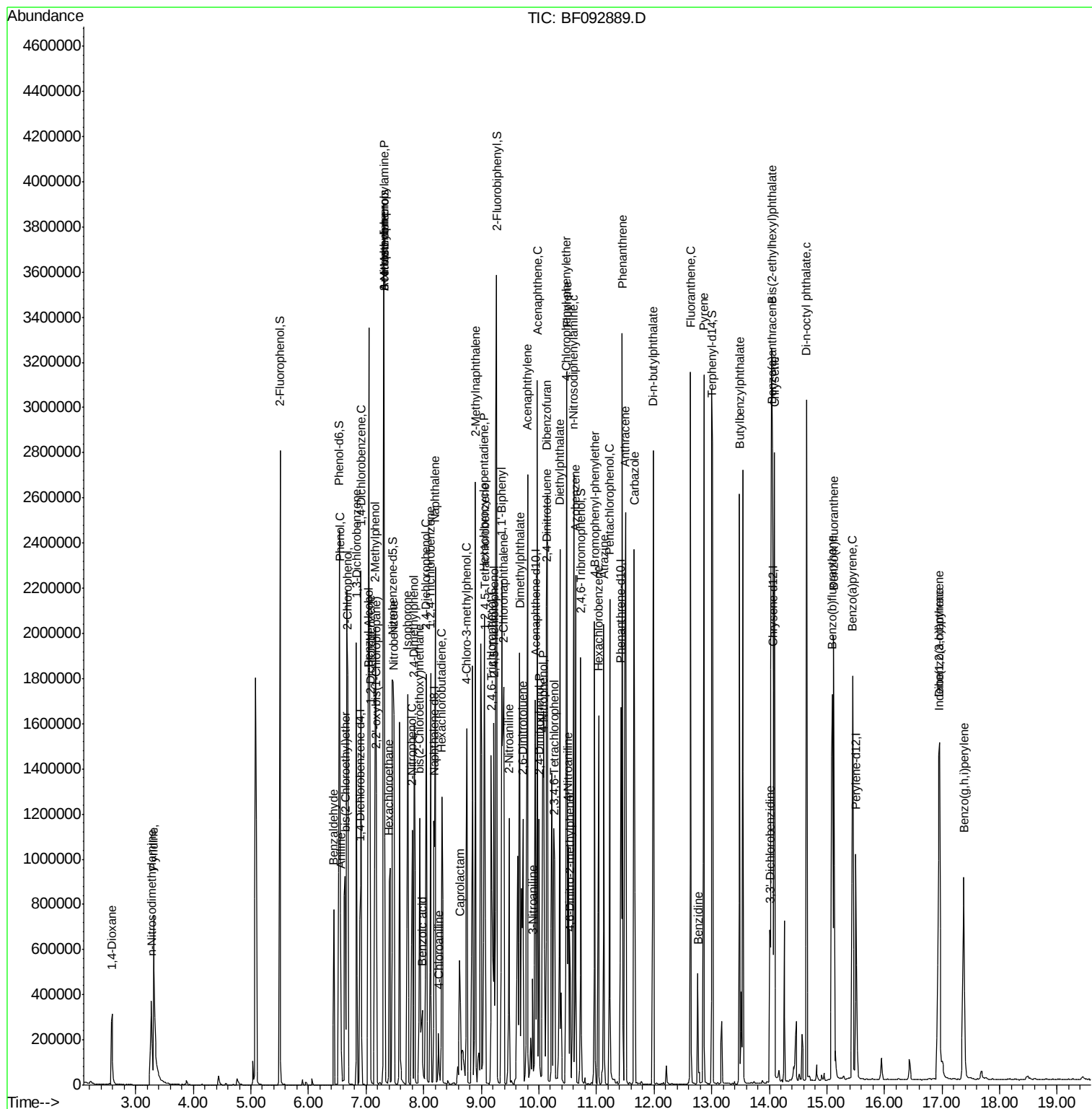
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\  
Data File : BF092889.D  
Acq On    : 10 Feb 2017   18:07  
Operator  : SJ/MA  
Sample    : PB96841BS  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

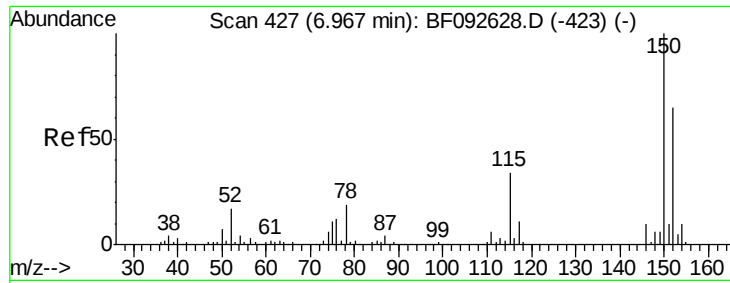
Instrument :
BNA_F
ClientSampleId :
PB96841BS

Manual Integrations APPROVED

mohammad
2/13/2017 12:40:43 PM

Quant Time: Feb 10 23:45:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration





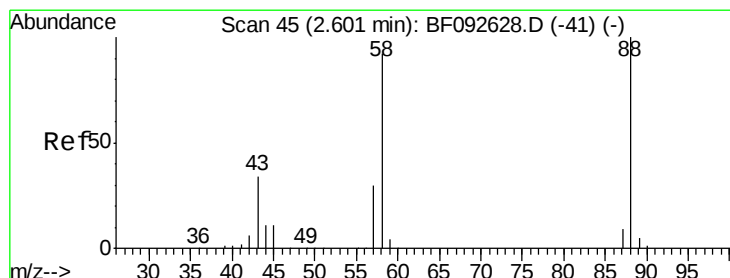
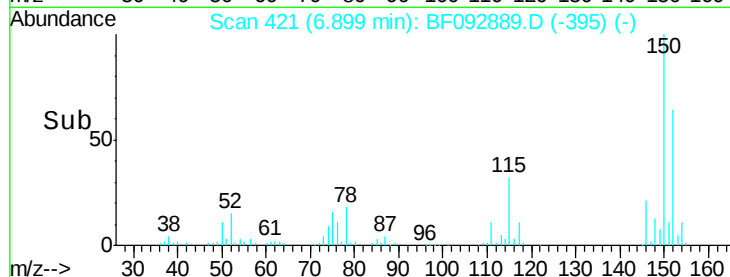
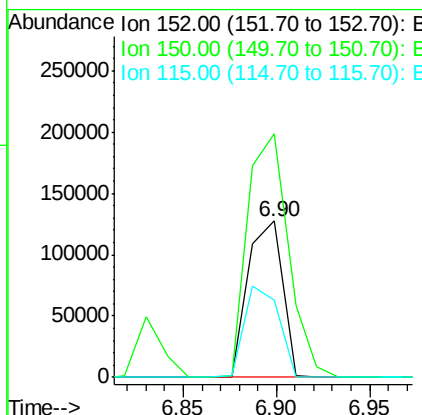
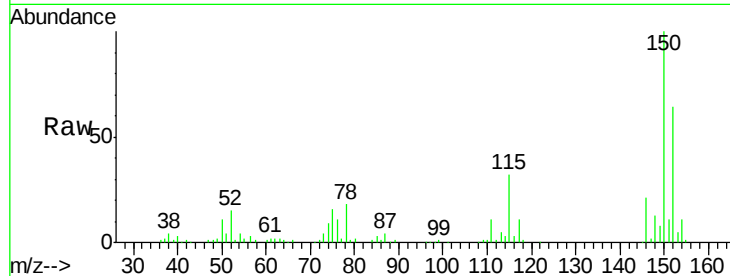
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	49.5	46.0	69.0

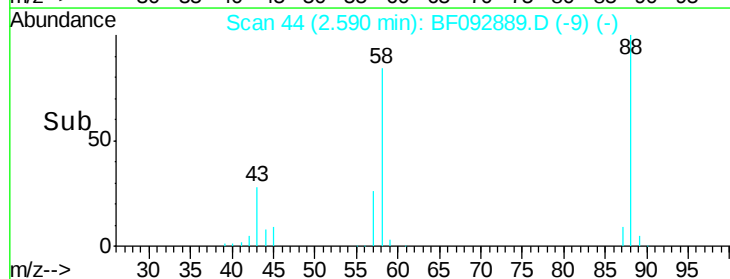
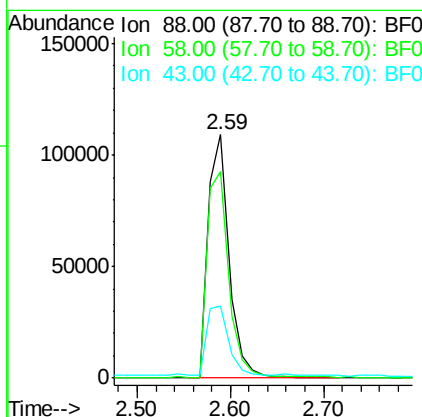
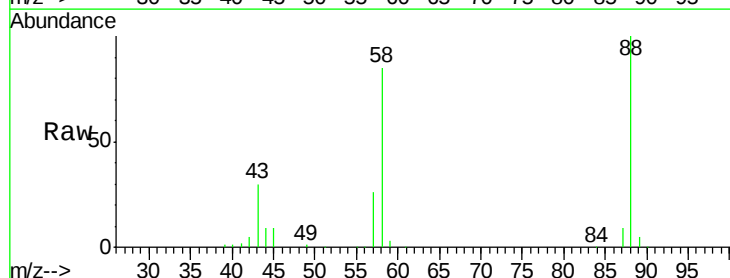
Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM



#2
 1,4-Dioxane
 Concen: 33.34 ng
 RT: 2.59 min Scan# 44
 Delta R.T. 0.10 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	57.8	86.8#
43	31.0	22.3	33.5





#3

Pyridine

Concen: 37.39 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

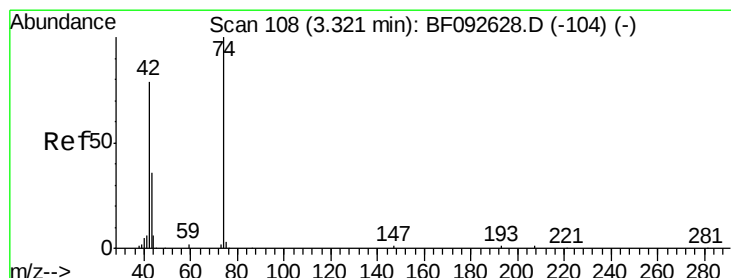
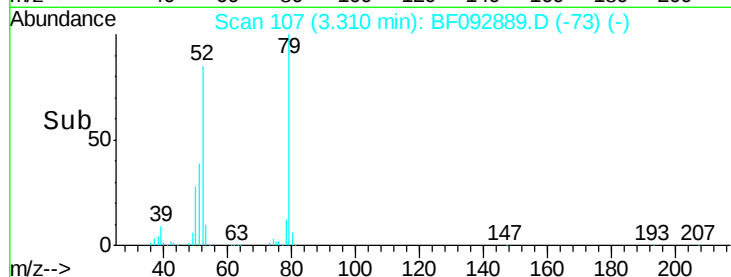
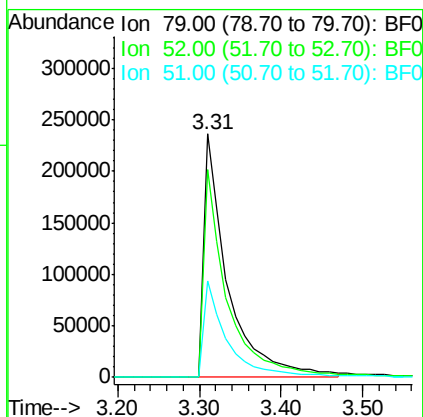
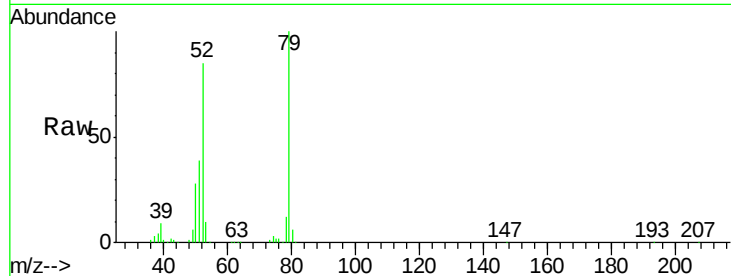
ClientSampleId :

PB96841BS

Tgt Ion:	79	Resp:	489569
Ion	Ratio	Lower	Upper
79	100		
52	85.4	57.1	85.7
51	39.3	27.3	40.9

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#4

n-Nitrosodimethylamine

Concen: 38.69 ng

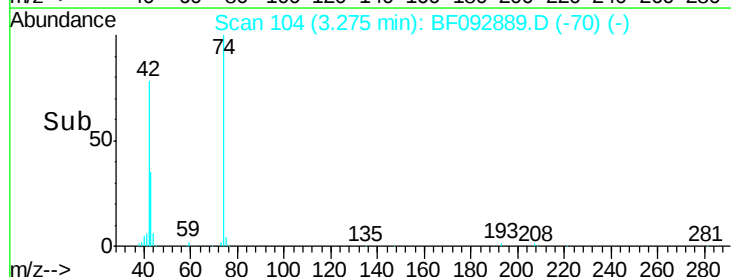
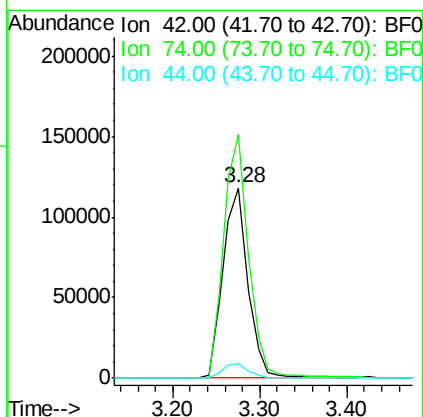
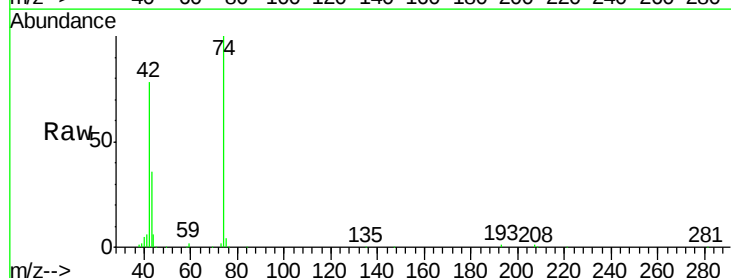
RT: 3.28 min Scan# 104

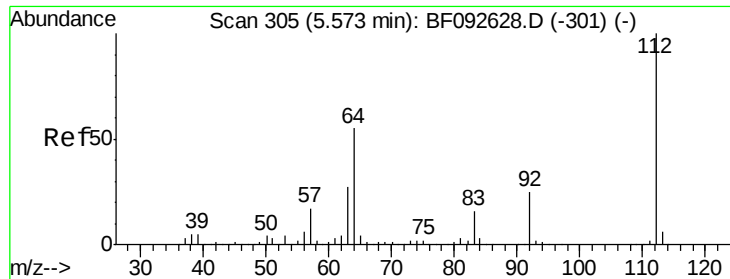
Delta R.T. 0.09 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	42	Resp:	237886
Ion	Ratio	Lower	Upper
42	100		
74	128.1	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 83.16 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092889.D

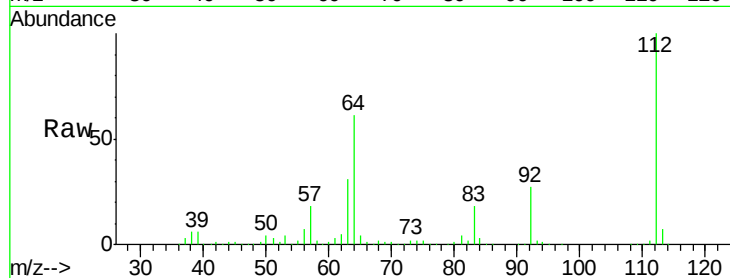
Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

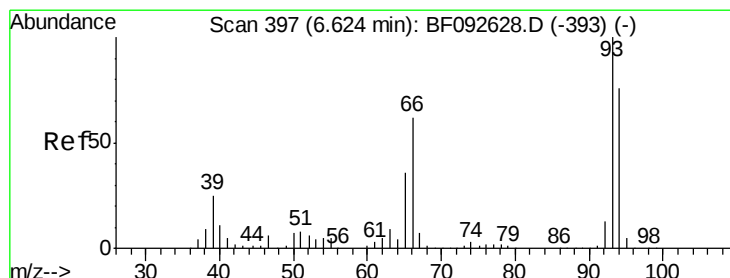
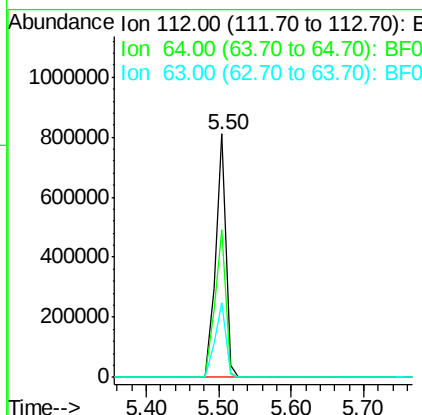
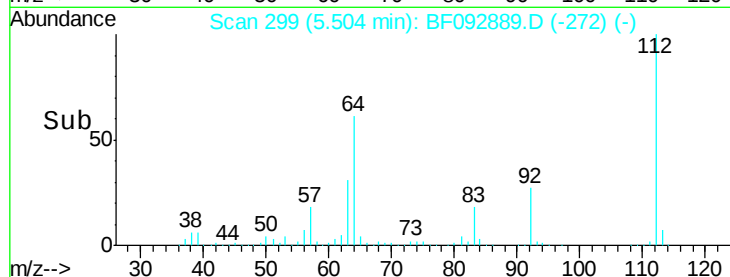
PB96841BS



Tgt Ion:	112	Resp:	792436
Ion Ratio	Lower	Upper	
112	100		
64	60.8	46.1	69.1
63	30.5	23.8	35.6

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#6

Aniline

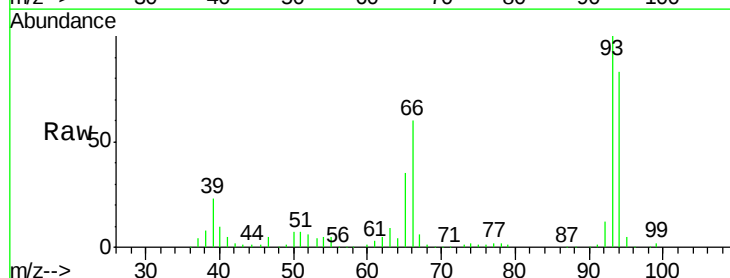
Concen: 11.98 ng

RT: 6.56 min Scan# 391

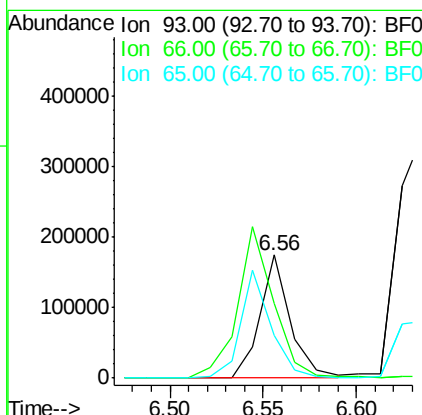
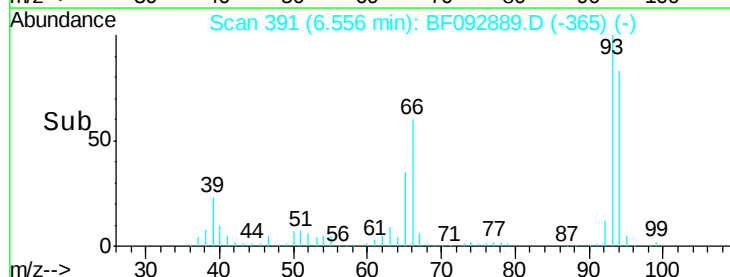
Delta R.T. 0.00 min

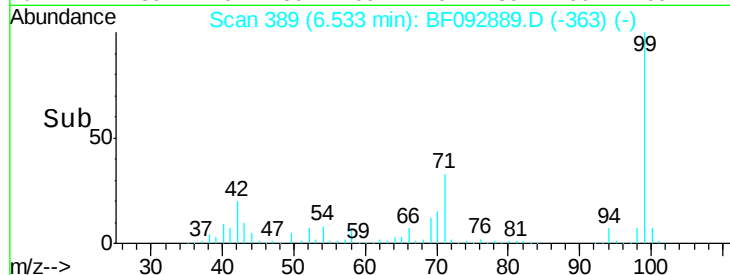
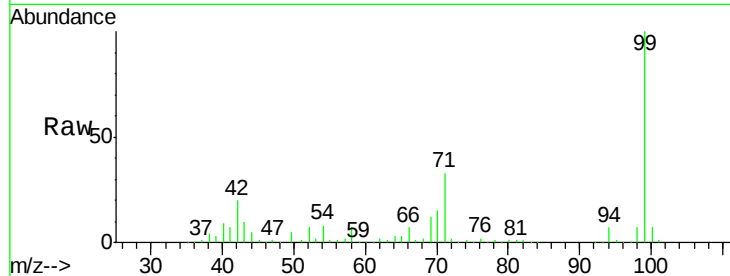
Lab File: BF092889.D

Acq: 10 Feb 2017 18:07



Tgt Ion:	93	Resp:	200436
Ion Ratio	Lower	Upper	
93	100		
66	60.3	76.2	114.2#
65	34.5	49.3	73.9#





#7

Phenol-d6

Concen: 76.18 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	99	Resp:	934021
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.6	23.4
71	32.8	27.5	41.3

Instrument :

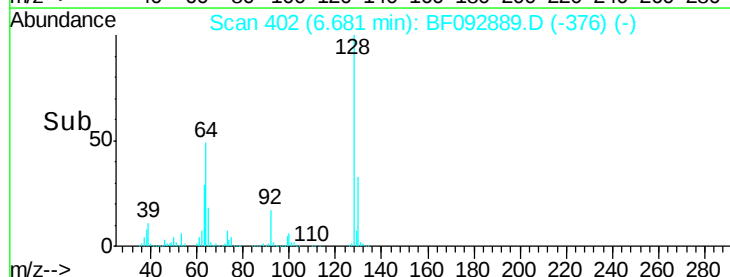
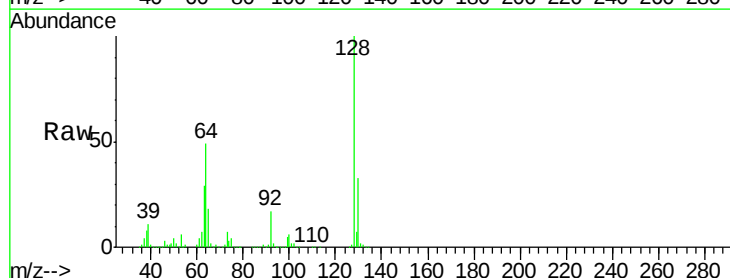
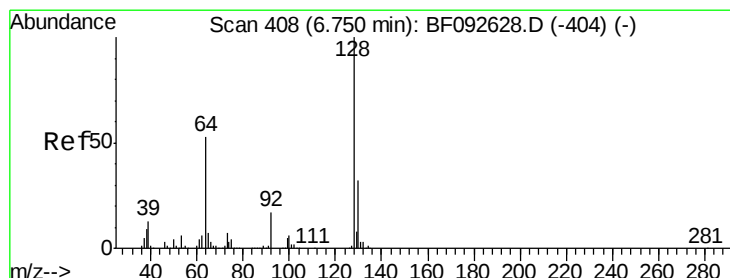
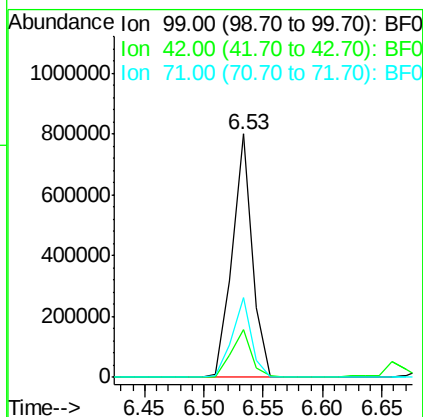
BNA_F

ClientSampleId :

PB96841BS

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#8

2-Chlorophenol

Concen: 41.27 ng

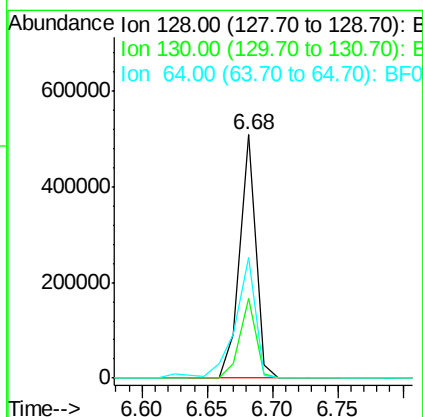
RT: 6.68 min Scan# 402

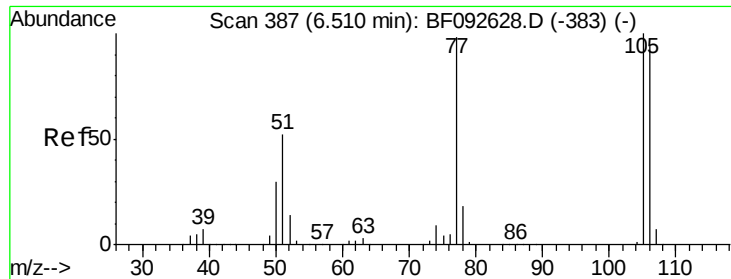
Delta R.T. -0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	128	Resp:	433886
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.3	52.3
64	49.5	32.2	72.2





#9

Benzaldehyde

Concen: 17.97 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

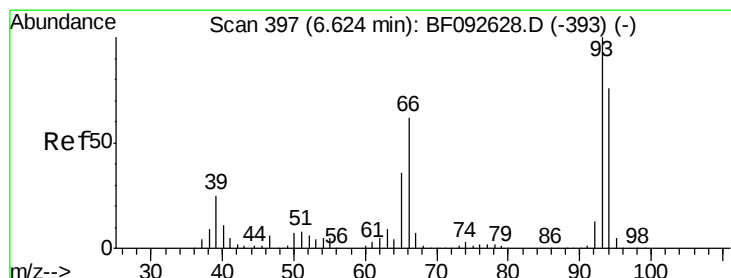
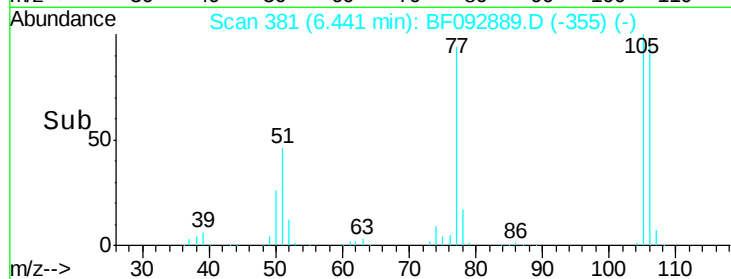
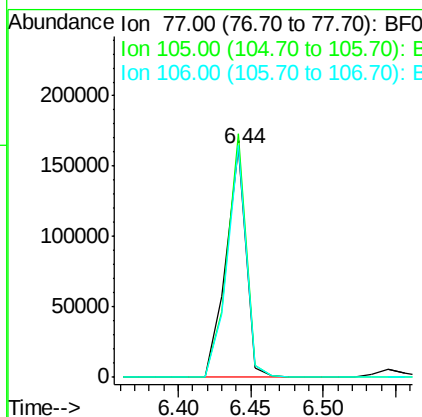
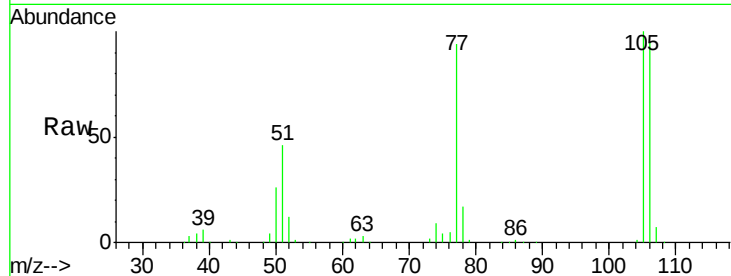
ClientSampleId :

PB96841BS

Tgt Ion:	77	Resp:	157886
Ion	Ratio	Lower	Upper
77	100		
105	106.2	83.9	123.9
106	101.1	77.6	117.6

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#10

Phenol

Concen: 33.66 ng

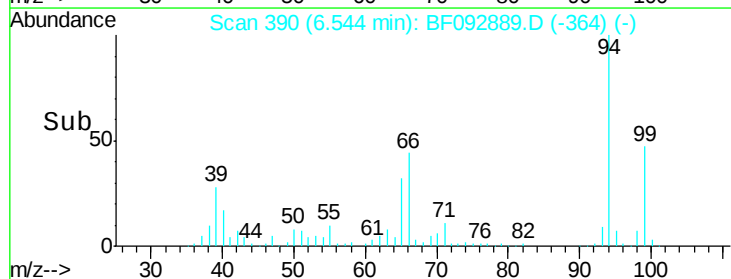
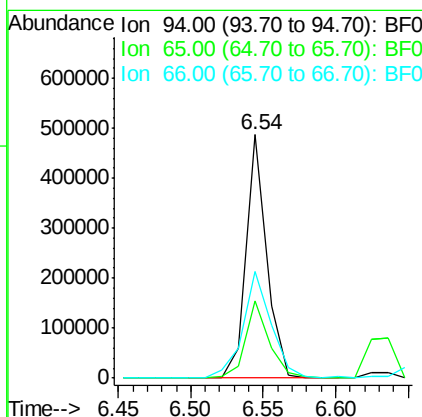
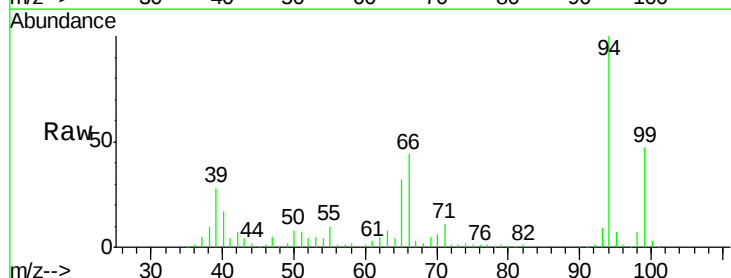
RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	94	Resp:	482929
Ion	Ratio	Lower	Upper
94	100		
65	31.6	21.4	61.4
66	44.1	44.0	84.0





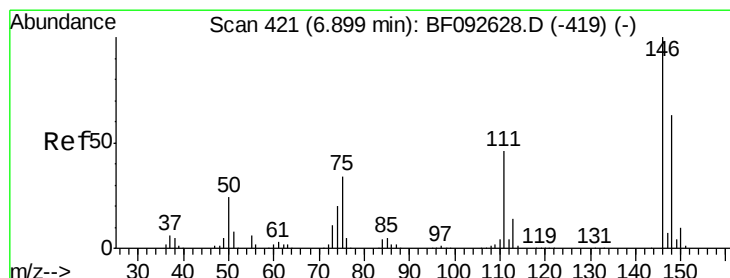
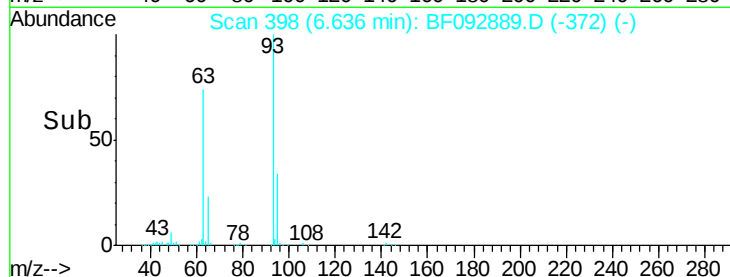
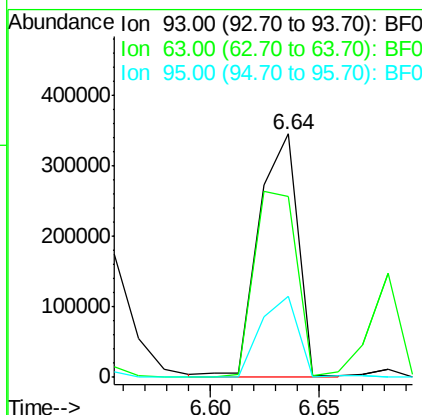
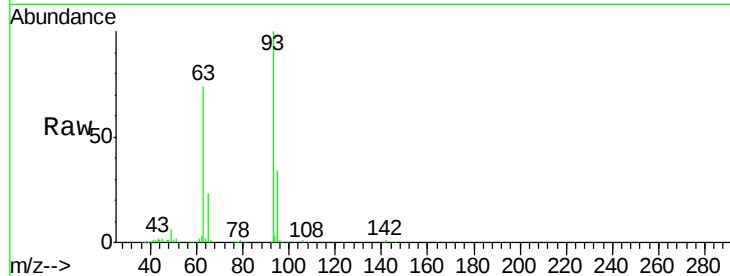
#11
bis(2-Chloroethyl)ether
Concen: 38.13 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.3	60.4	100.4
95	33.6	12.8	52.8

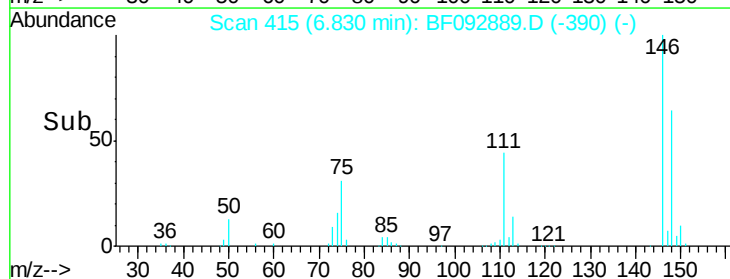
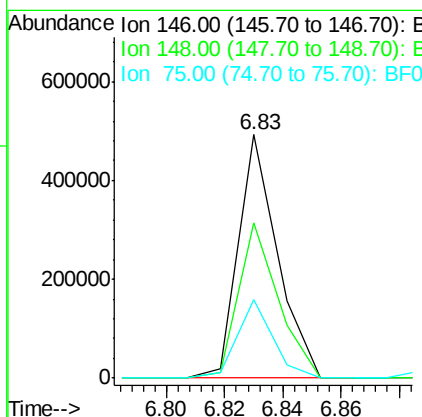
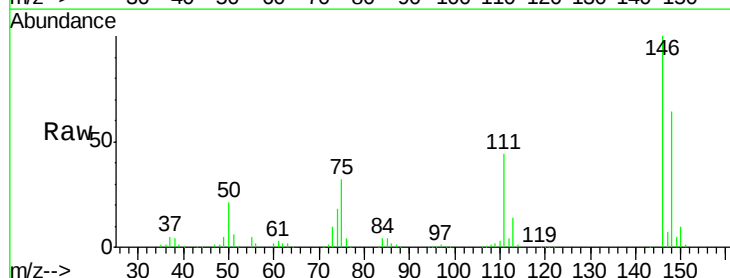
Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#12
1,3-Dichlorobenzene
Concen: 37.33 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	32.2	18.5	27.7





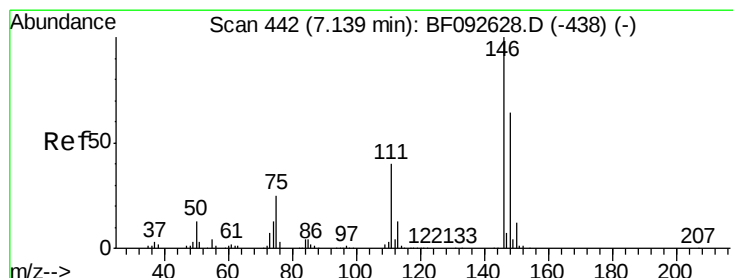
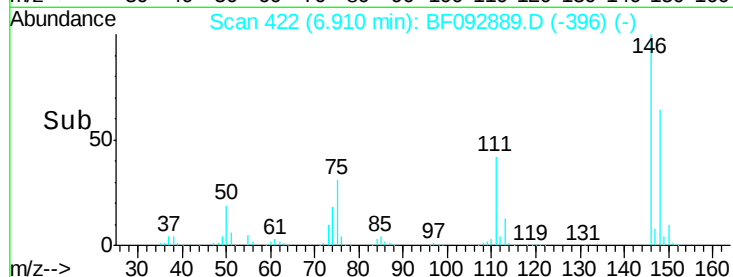
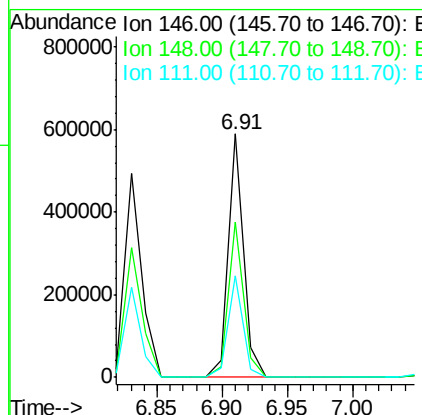
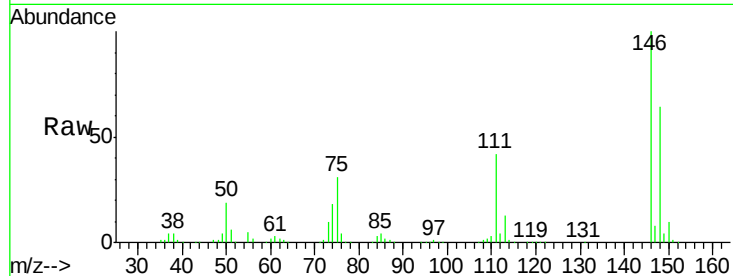
#13
 1,4-Dichlorobenzene
 Concen: 38.80 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	41.6	36.2	54.4

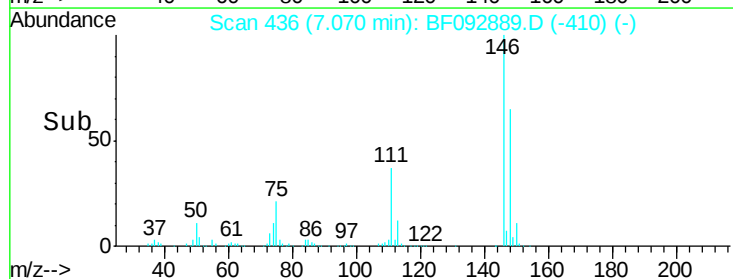
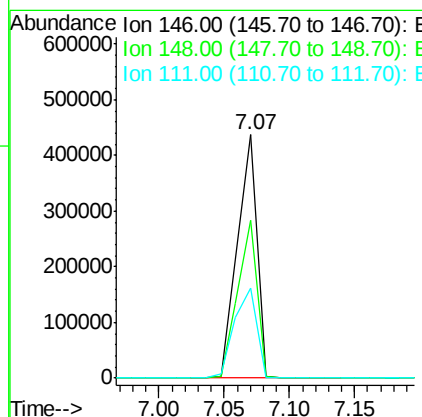
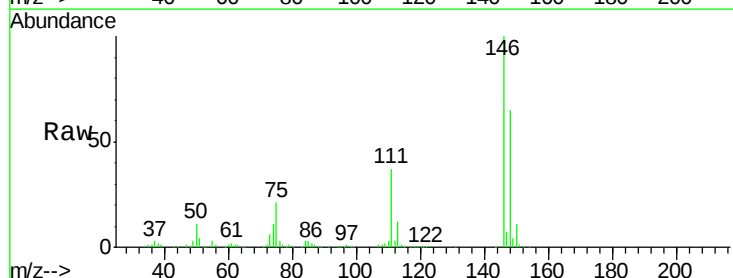
Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.86 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	36.8	36.2	54.2





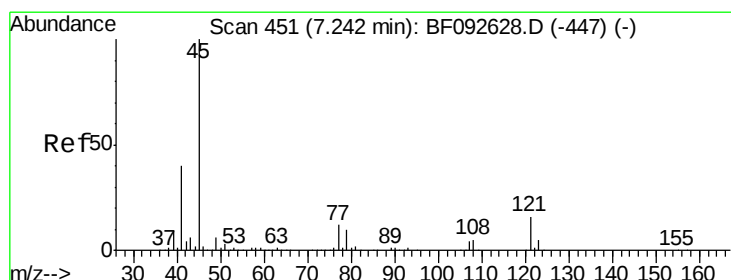
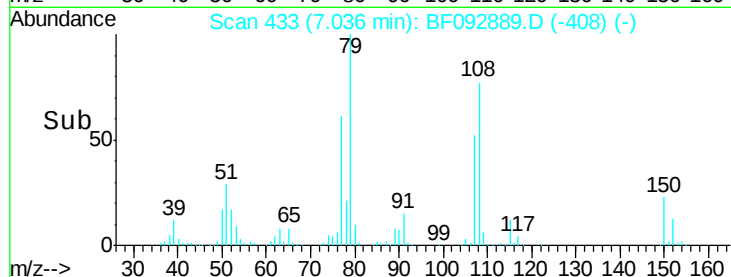
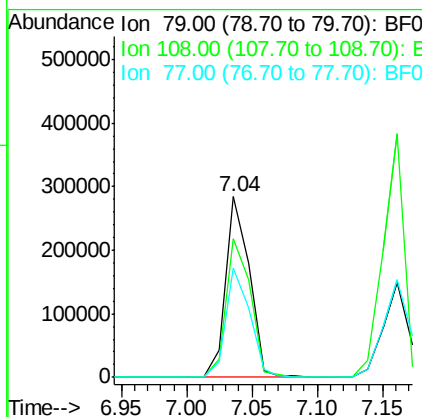
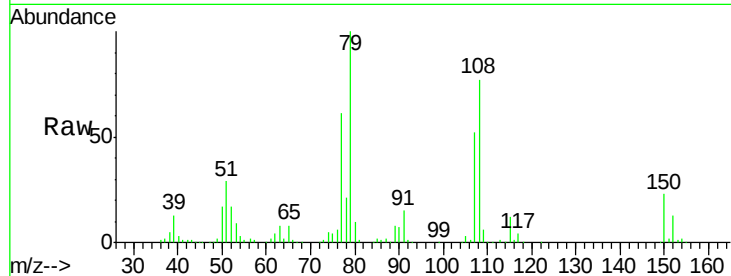
#15
Benzyl Alcohol
Concen: 39.68 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.4	92.0
77	60.8	50.9	76.3

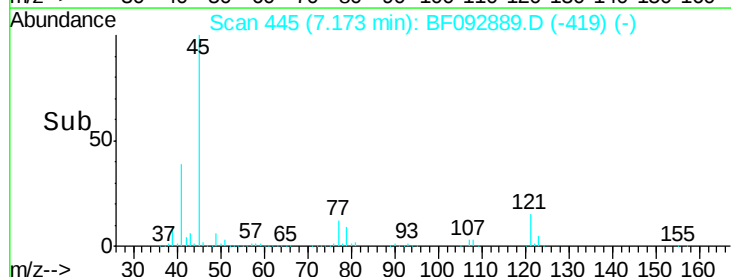
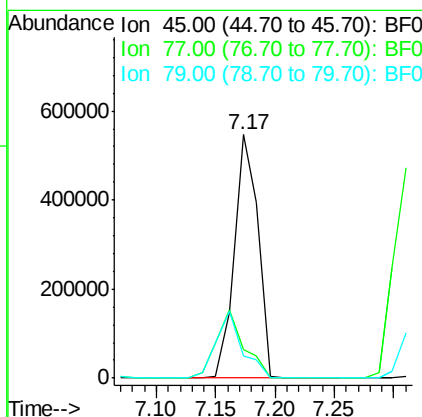
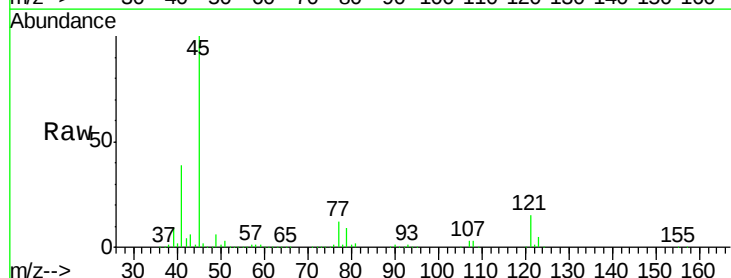
Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.86 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	34.6
79	9.2	0.0	31.2





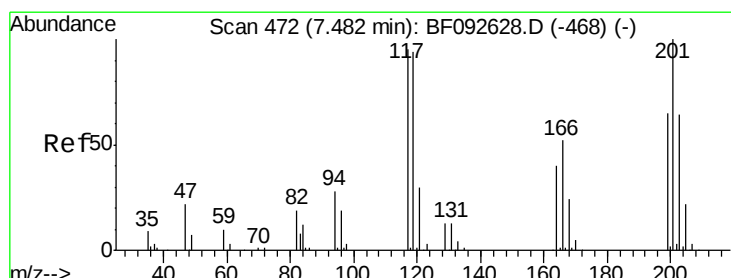
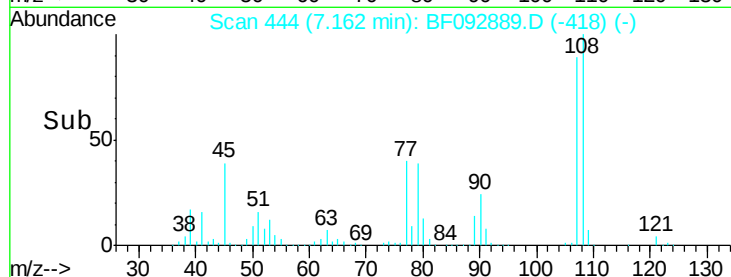
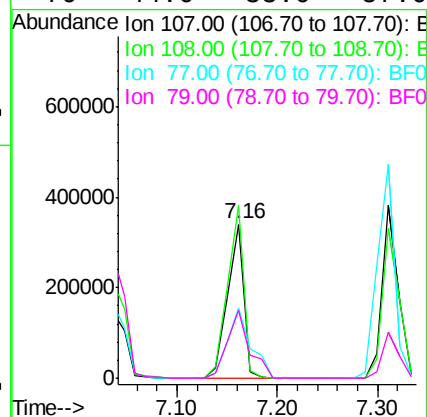
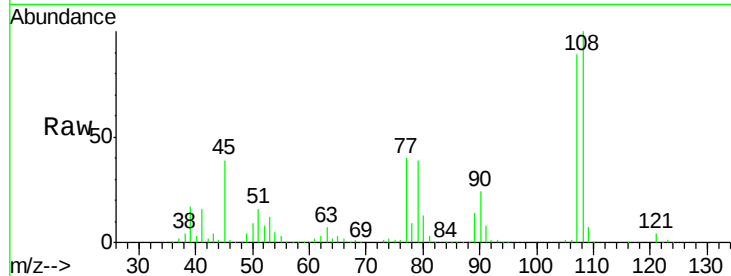
#17
2-Methylphenol
Concen: 42.45 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	382900		
108	112.6	93.0	139.6	
77	45.3	39.8	59.8	
79	44.0	38.0	57.0	

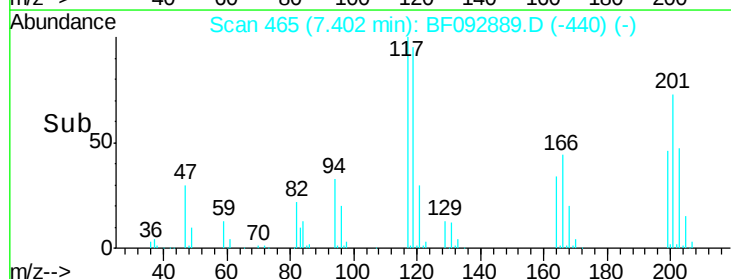
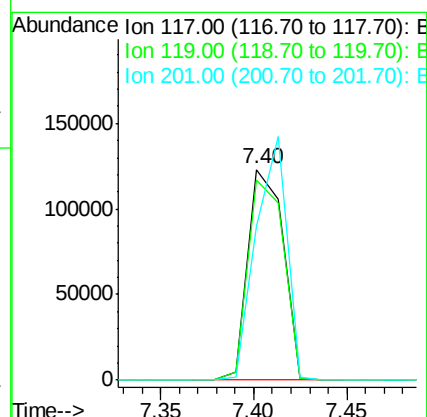
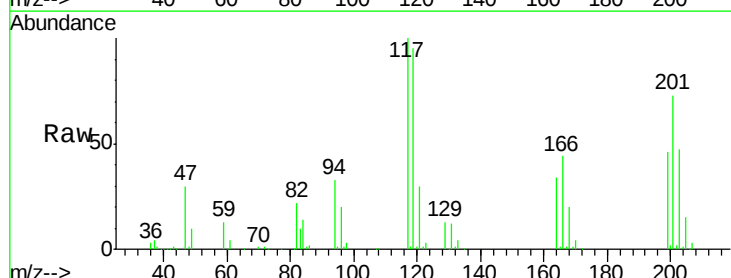
Manual Integrations
APPROVED

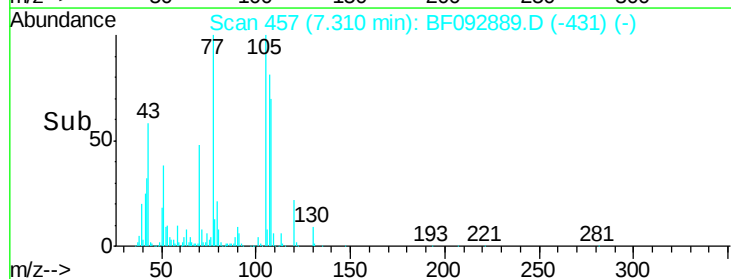
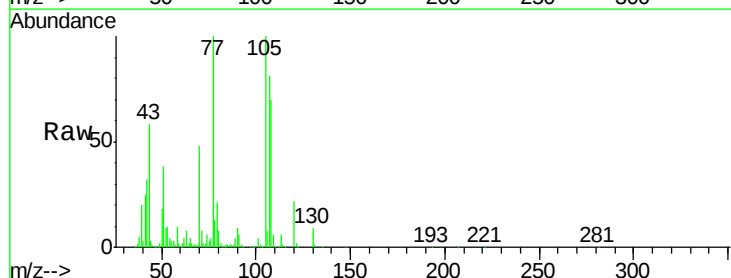
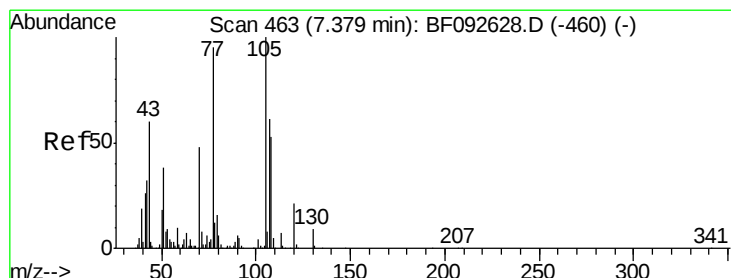
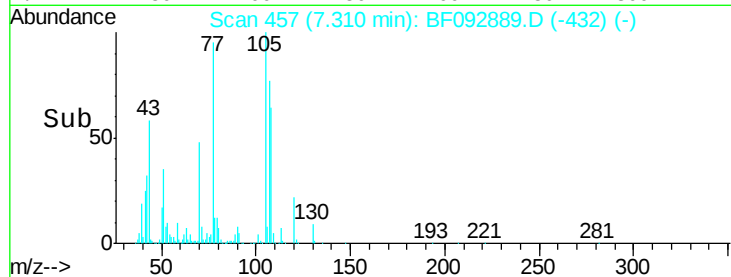
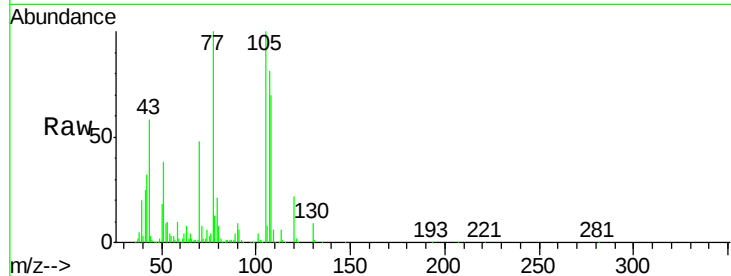
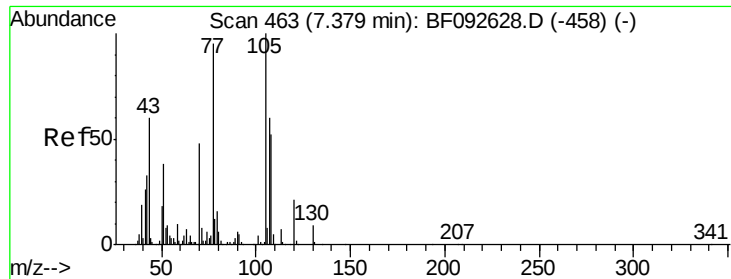
mohammad
2/13/2017 12:40:43 PM



#18
Hexachloroethane
Concen: 37.69 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	160333		
119	95.2	78.1	117.1	
201	73.4	78.6	117.8#	





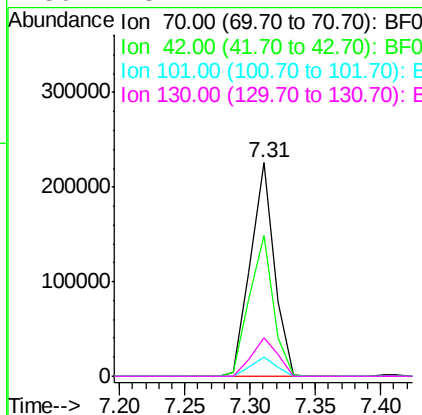
#19
n-Nitroso-di-n-propylamine
Concen: 37.03 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	65.8	49.4	74.0
101	9.0	7.4	11.2
130	18.1	14.2	21.4

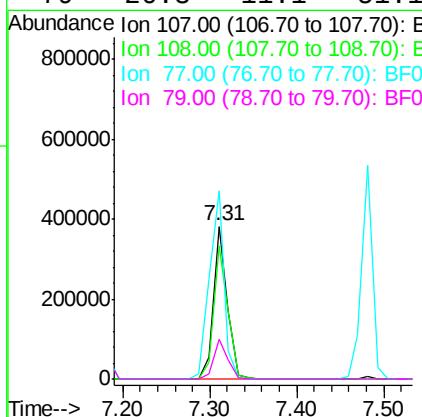
Manual Integrations
APPROVED

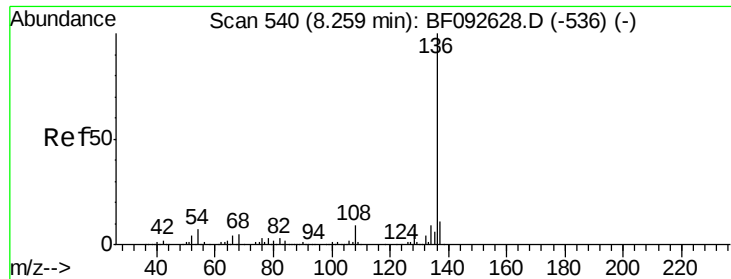
mohammad
2/13/2017 12:40:43 PM



#20
3+4-Methylphenols
Concen: 39.83 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	86.8	73.0	113.0
77	123.4	71.3	111.3#
79	26.3	11.1	51.1





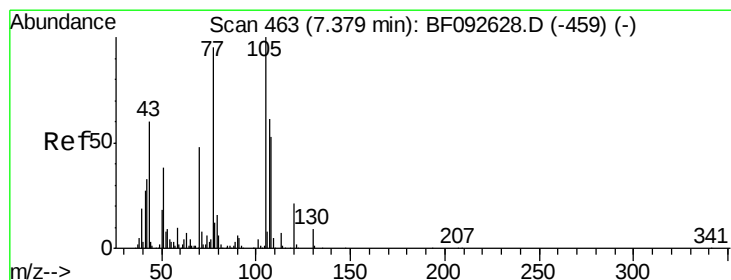
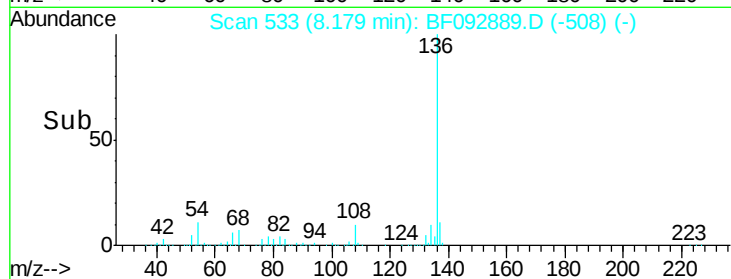
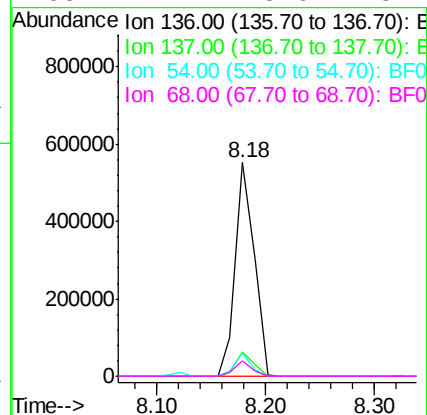
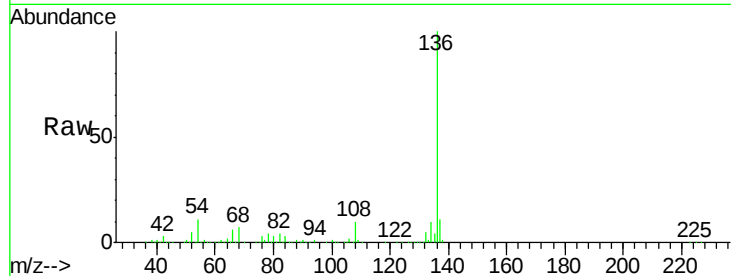
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.1	4.5	6.7#
68	7.1	3.6	5.4#

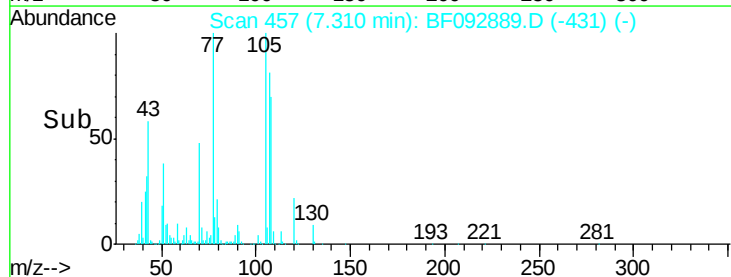
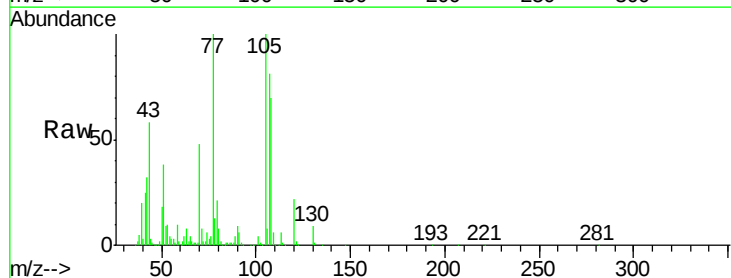
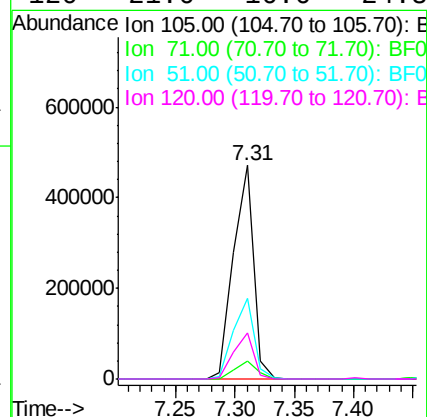
Manual Integrations
APPROVED

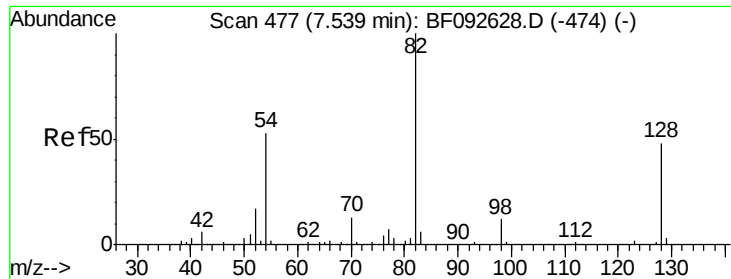
mohammad
2/13/2017 12:40:43 PM



#22
Acetophenone
Concen: 36.96 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.2	3.2	4.8#
51	37.9	26.2	39.4
120	21.6	16.6	24.8





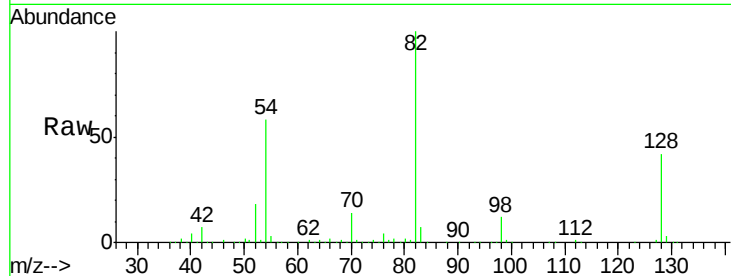
#23
Nitrobenzene-d5
Concen: 76.08 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

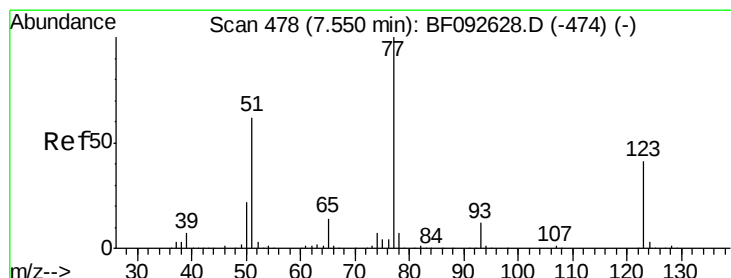
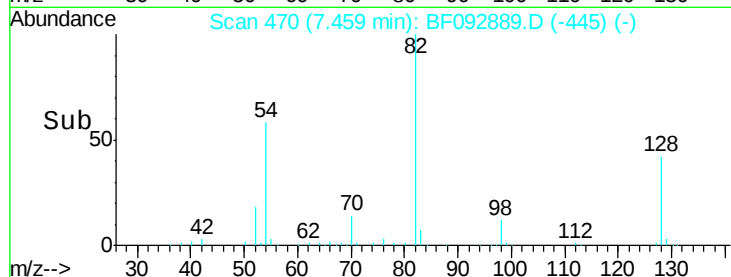
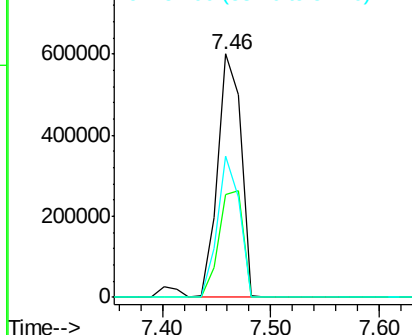
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	894951		
128	42.3	34.6	52.0	
54	58.0	39.5	59.3	

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM

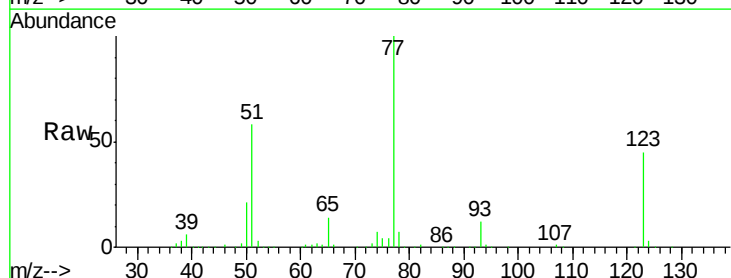


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

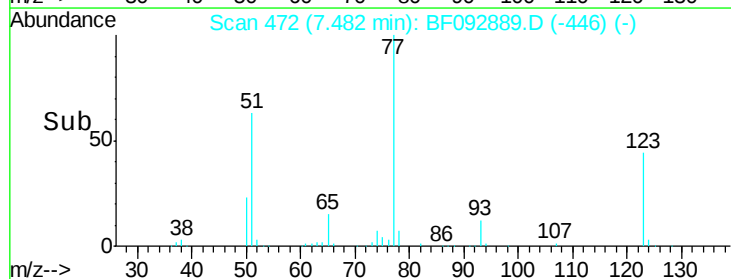
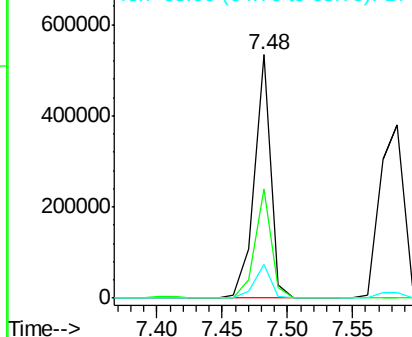


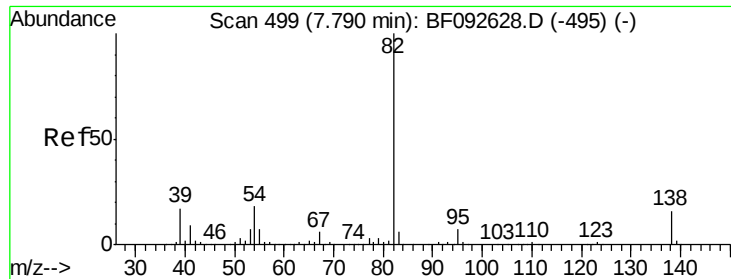
#24
Nitrobenzene
Concen: 38.61 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	466438		
123	44.7	33.0	49.4	
65	13.7	11.2	16.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.80 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

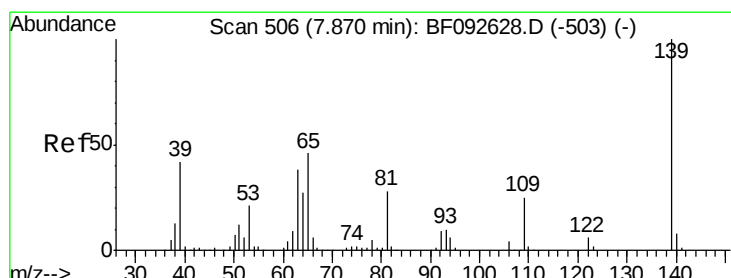
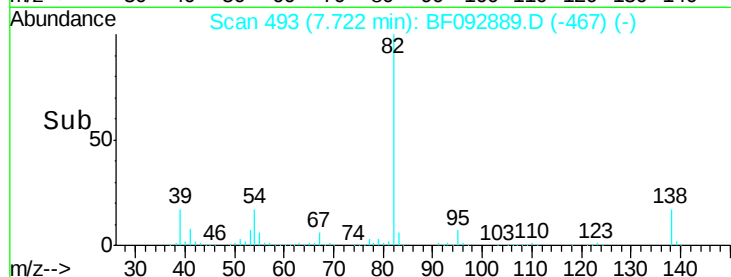
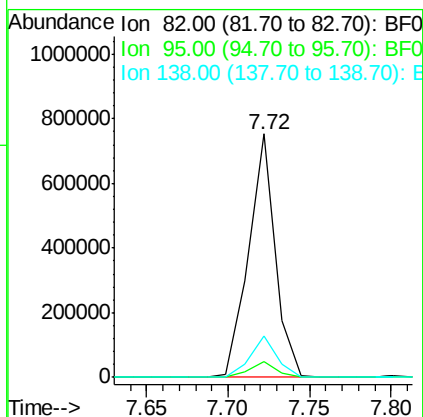
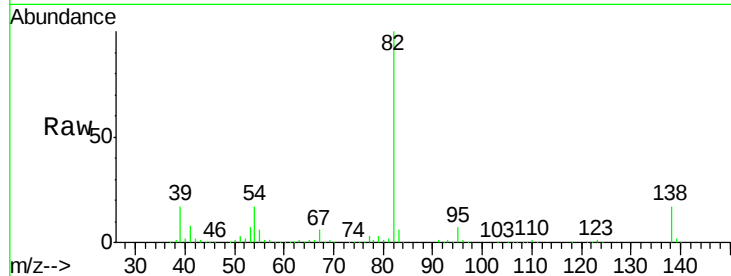
ClientSampleId :

PB96841BS

Tgt Ion:	82	Resp:	850556
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	17.1	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#26

2-Nitrophenol

Concen: 44.99 ng

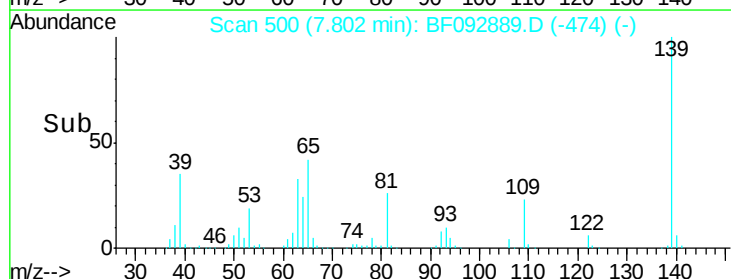
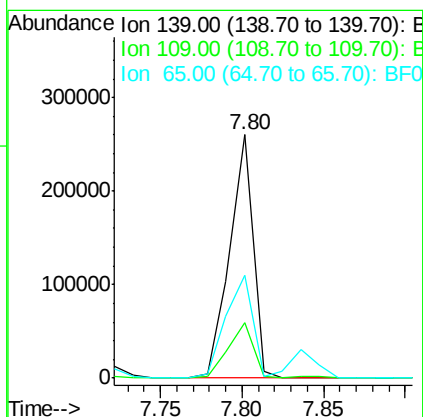
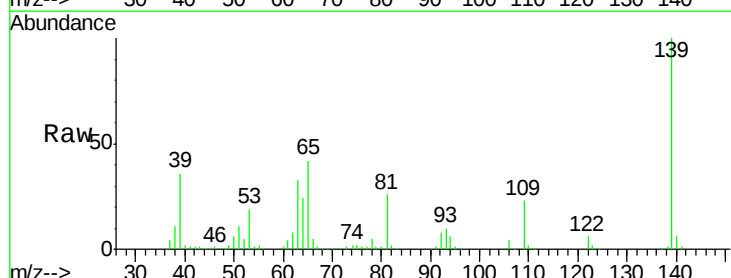
RT: 7.80 min Scan# 500

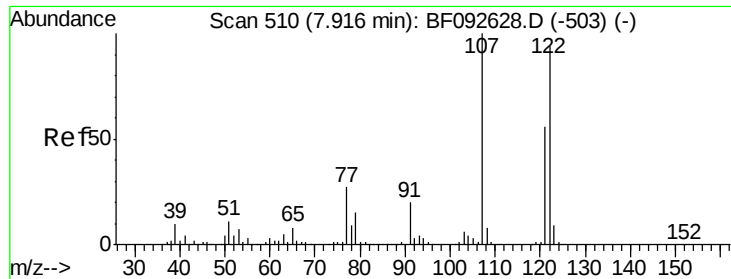
Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	139	Resp:	258301
Ion Ratio		Lower	Upper
139	100		
109	22.9	23.3	34.9#
65	42.1	42.7	64.1#





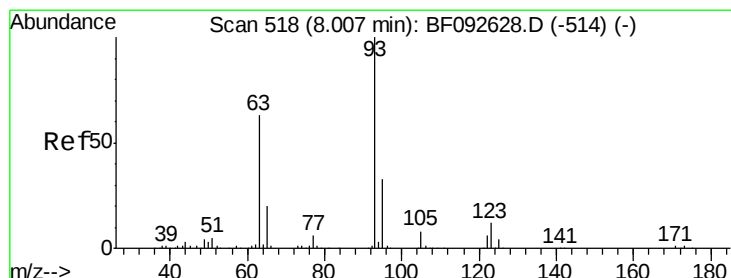
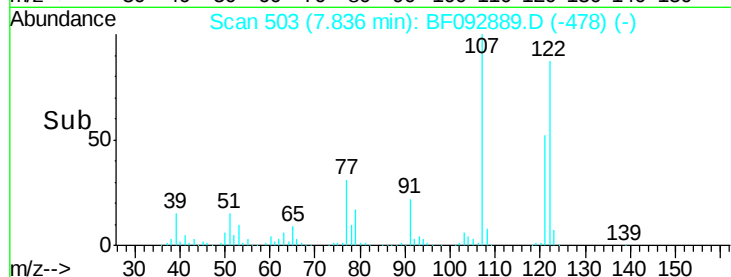
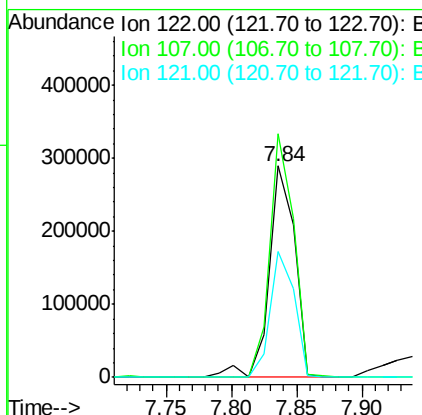
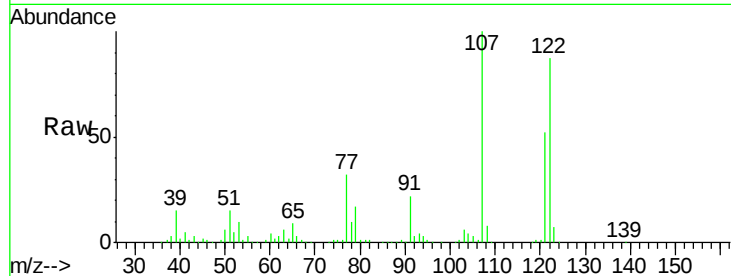
#27
2,4-Dimethylphenol
Concen: 39.83 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	401692		
107	115.3	94.1	141.1	
121	59.8	46.0	69.0	

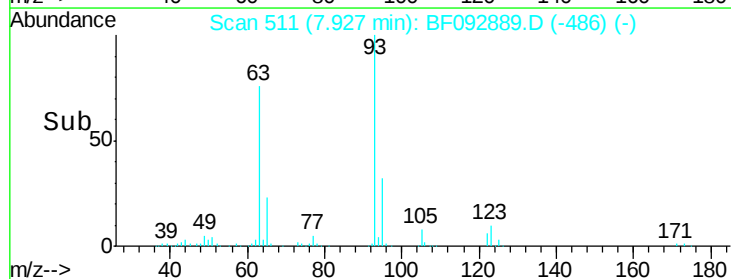
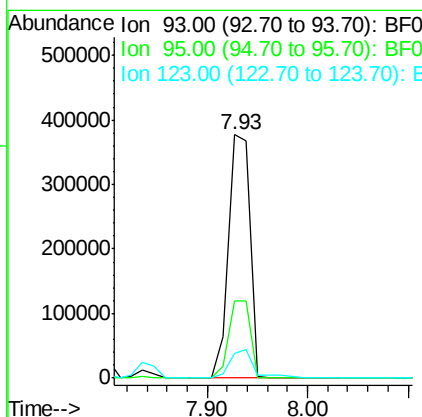
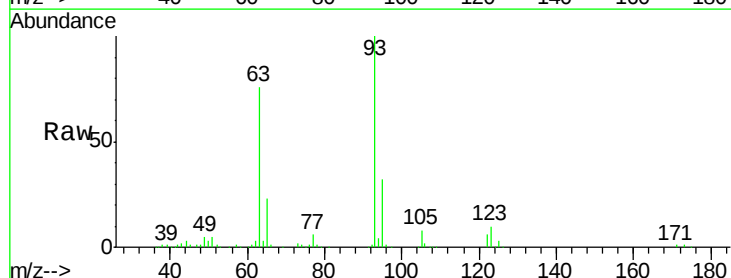
Manual Integrations
APPROVED

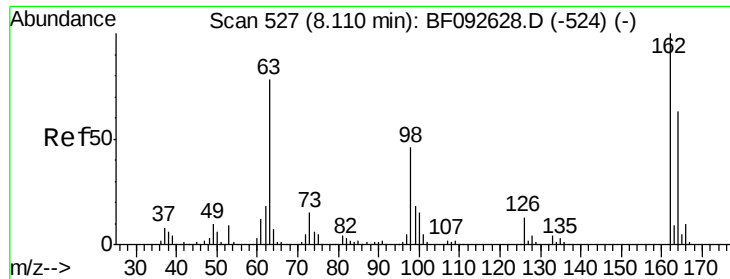
mohammad
2/13/2017 12:40:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.47 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	558533		
95	31.9	26.5	39.7	
123	10.4	8.6	13.0	





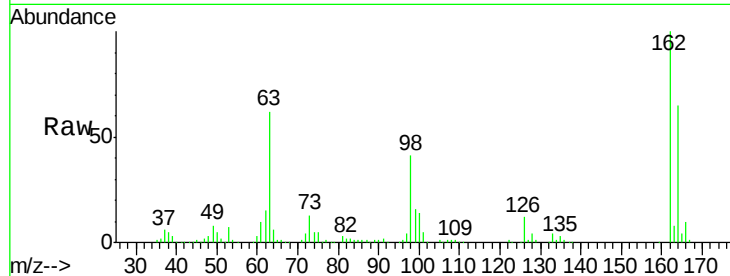
#29
 2,4-Dichlorophenol
 Concen: 39.70 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleID :
 PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	373336		
164	65.1	46.8	86.8	
98	40.6	9.1	49.1	

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM

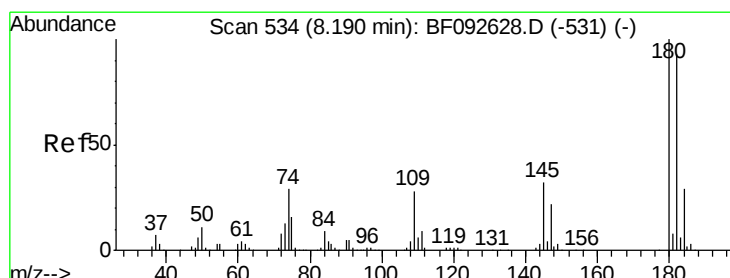
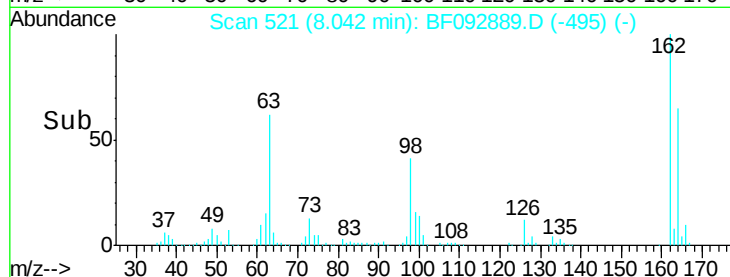
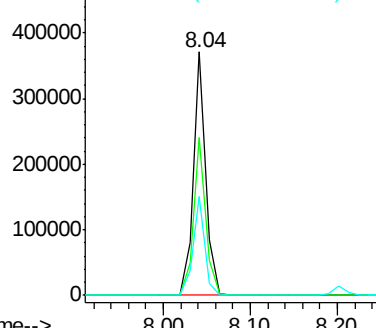


Abundance

Ion 162.00 (161.70 to 162.70): E

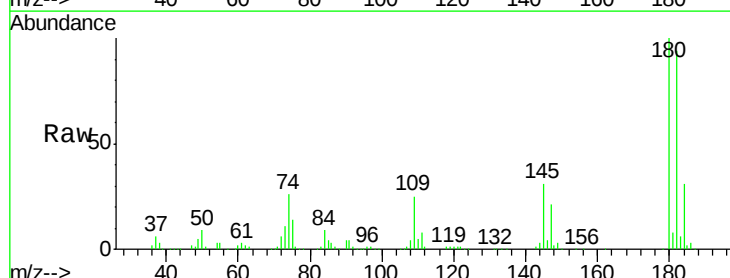
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381482		
182	94.3	78.2	117.4	
145	30.6	21.6	32.4	

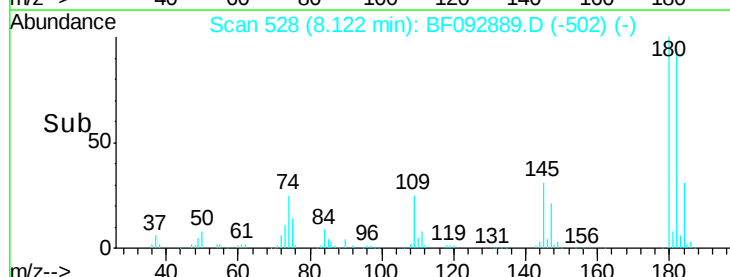
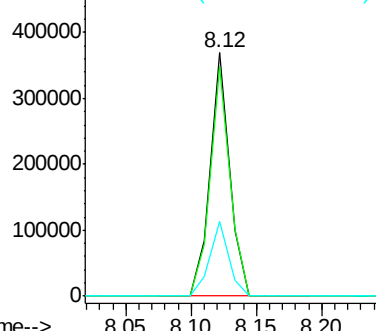


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.78 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

Tgt Ion:128 Resp: 1155079

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

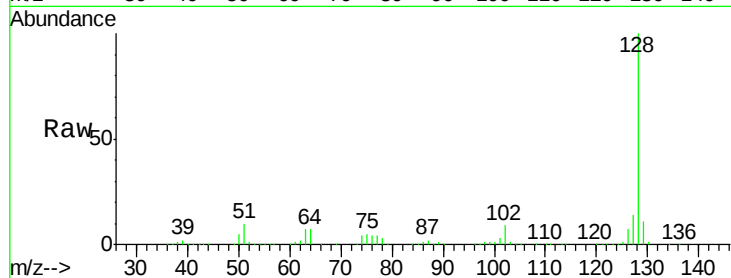
127 13.8 10.8 16.2

Manual Integrations

APPROVED

mohammad

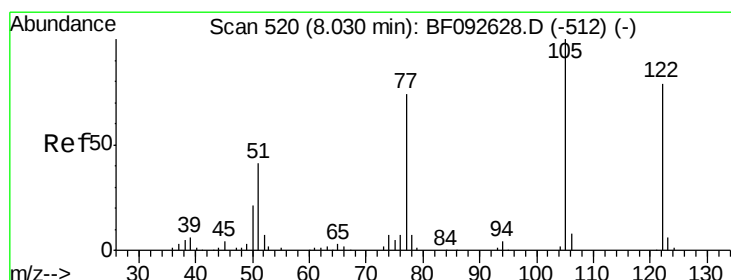
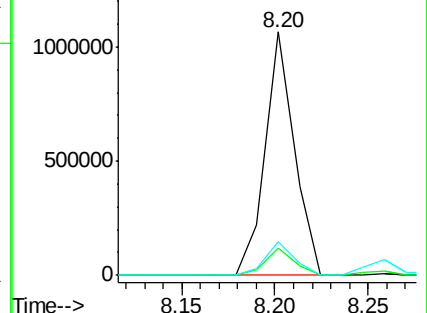
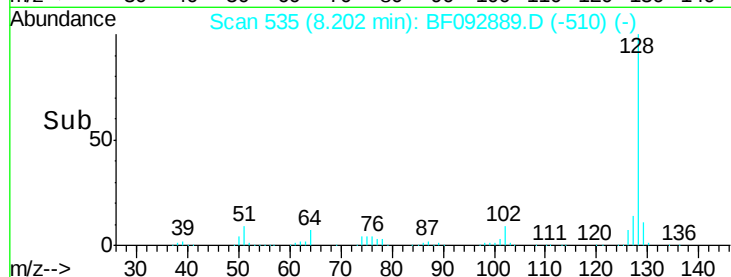
2/13/2017 12:40:43 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.91 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

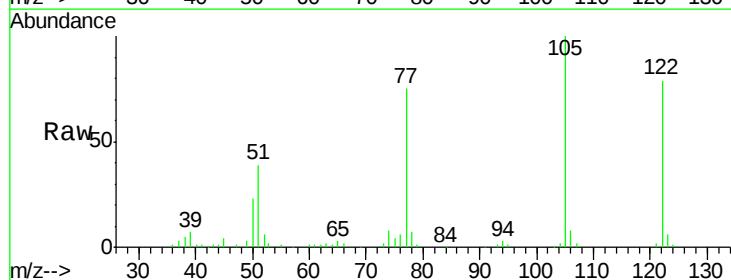
Tgt Ion:122 Resp: 186353

Ion Ratio Lower Upper

122 100

105 125.9 107.2 147.2

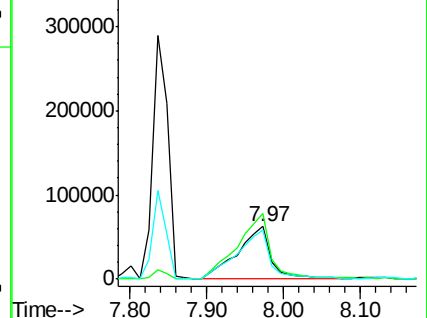
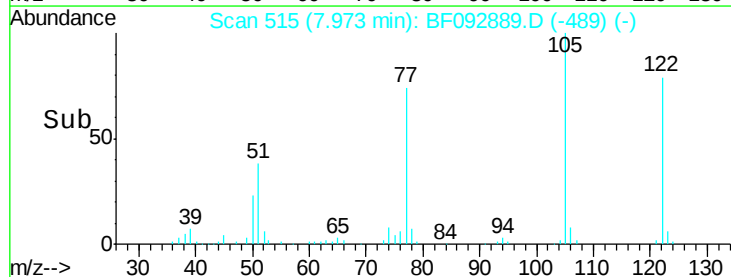
77 94.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





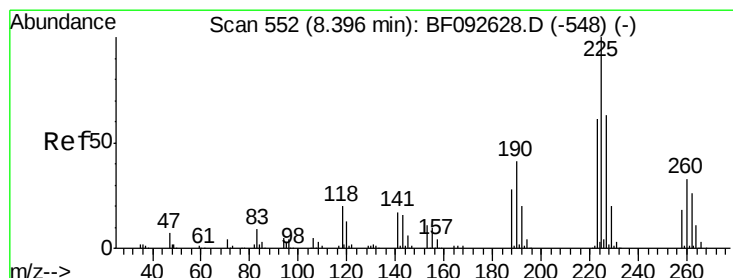
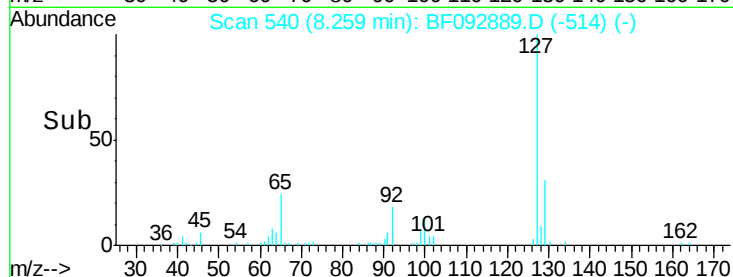
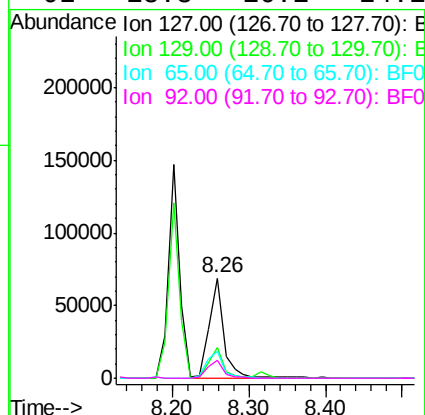
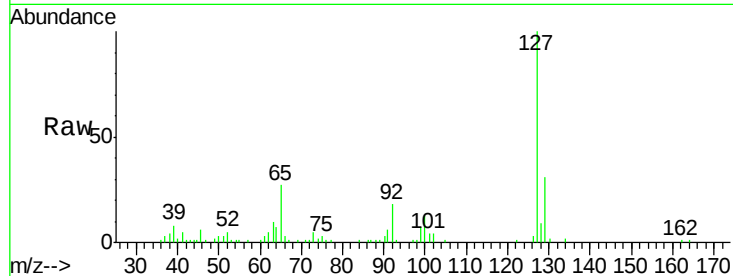
#33
4-Chloroaniline
Concen: 7.08 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion:	127	Resp:	92150
Ion Ratio	Lower	Upper	
127	100		
129	30.9	26.3	39.5
65	27.0	25.8	38.8
92	18.3	16.1	24.1

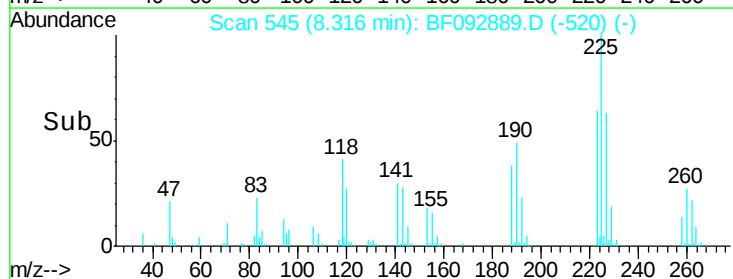
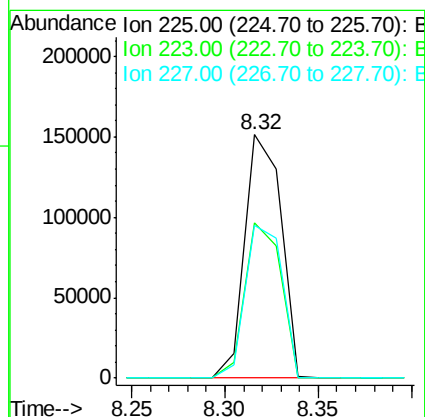
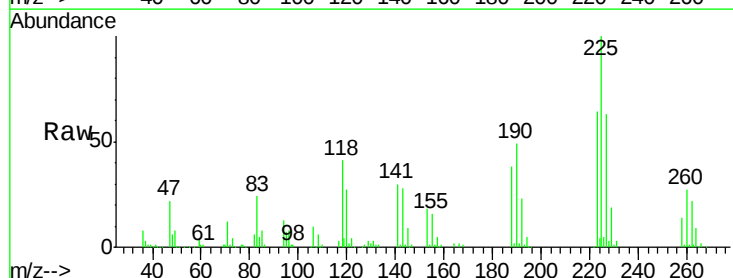
Manual Integrations
APPROVED

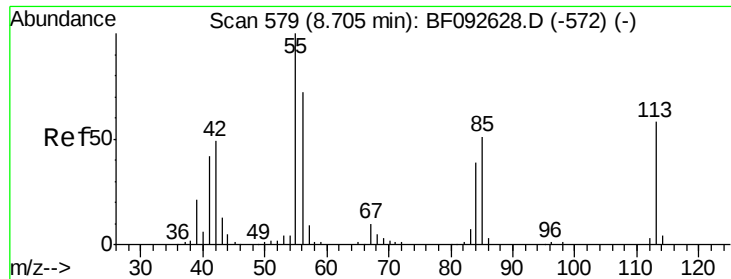
mohammad
2/13/2017 12:40:43 PM



#34
Hexachlorobutadiene
Concen: 36.59 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:	225	Resp:	204005
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.0	76.6
227	62.6	50.6	76.0





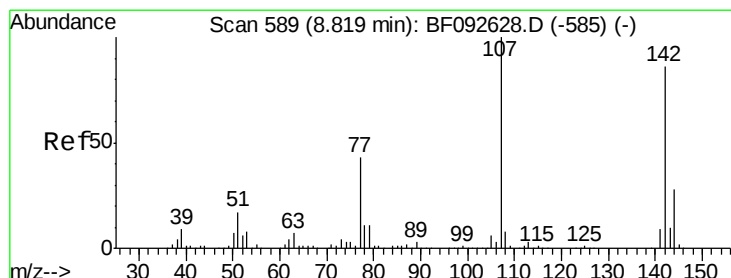
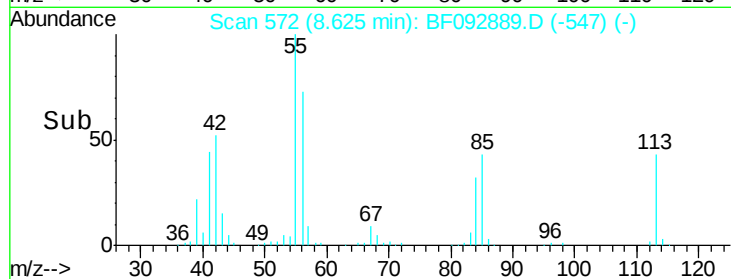
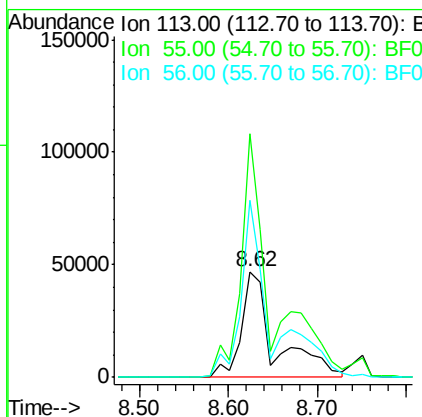
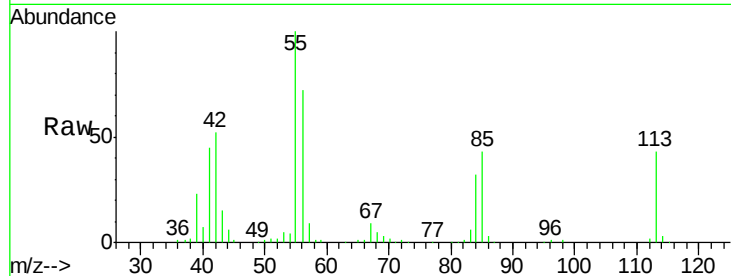
#35
 Caprolactam
 Concen: 41.78 ng m
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:113 Resp: 123609
 Ion Ratio Lower Upper
 113 100
 55 231.1 119.2 159.2#
 56 167.5 83.8 123.8#

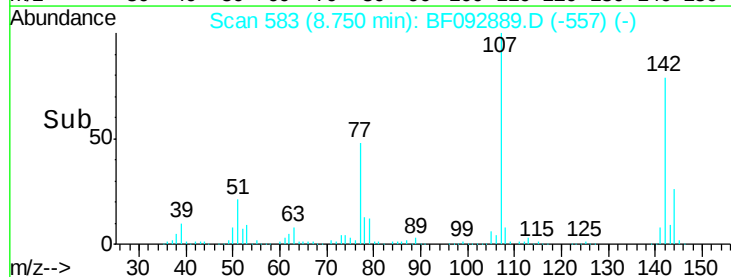
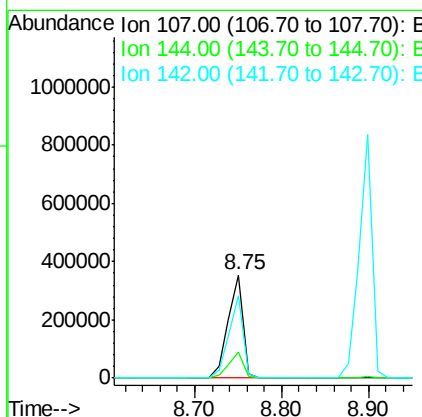
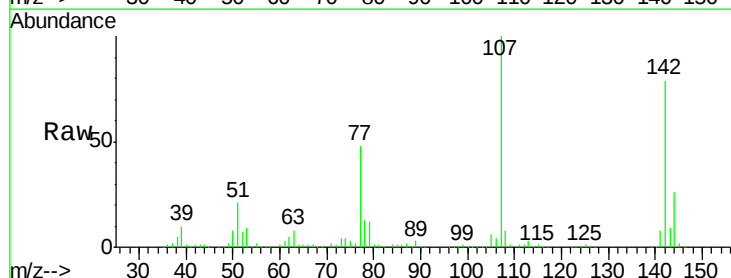
Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.91 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:107 Resp: 420737
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 79.4 59.0 88.6





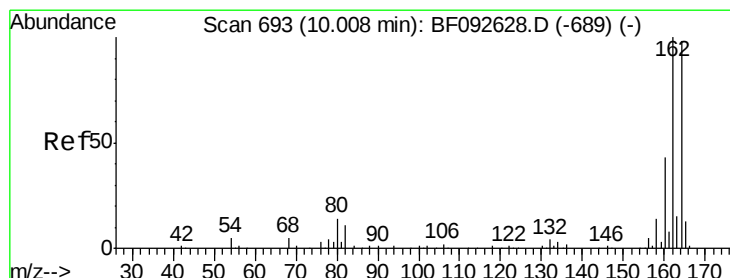
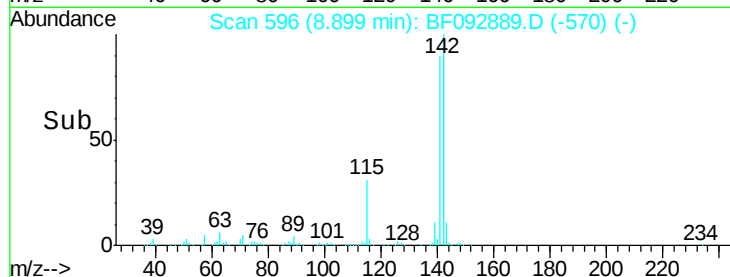
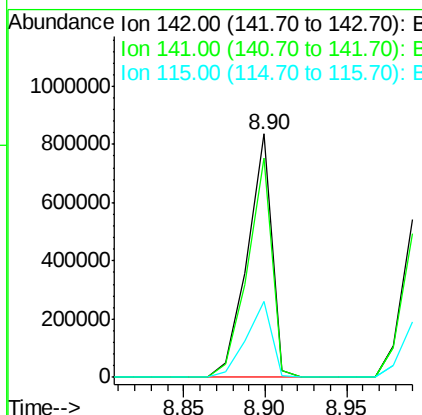
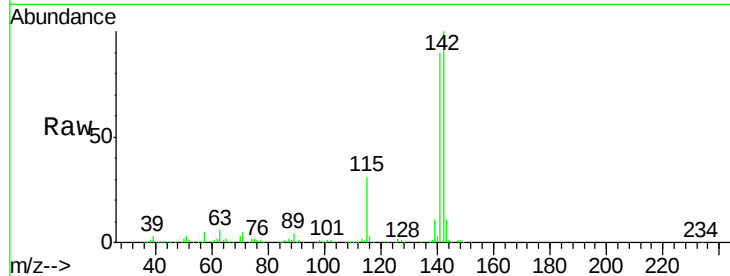
#37
 2-Methylnaphthalene
 Concen: 40.97 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	31.3	28.3	42.5

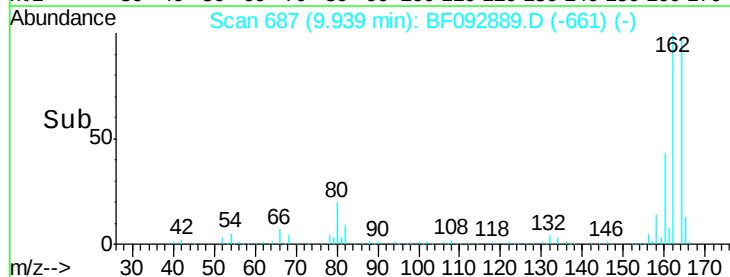
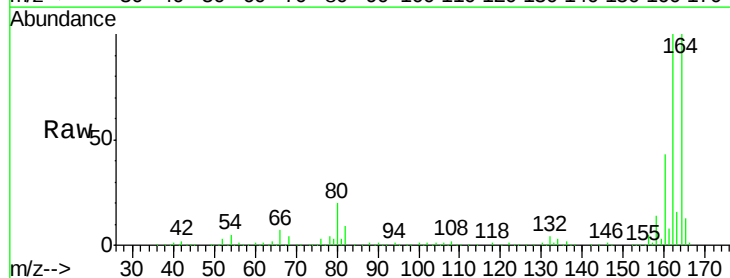
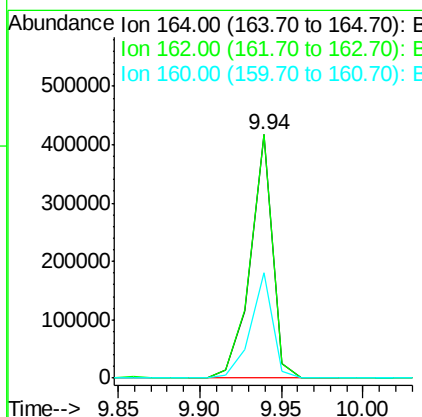
Manual Integrations
 APPROVED

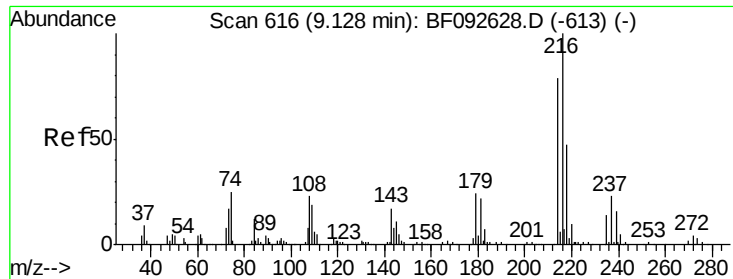
mohammad
 2/13/2017 12:40:43 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	43.3	36.9	55.3





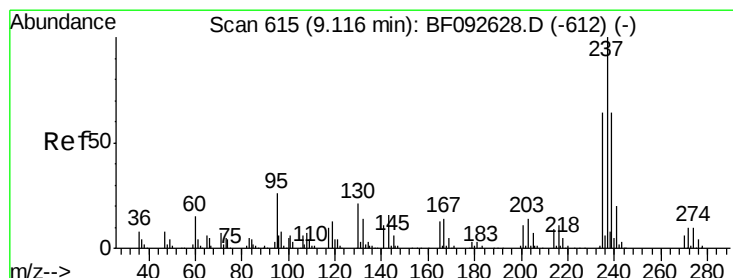
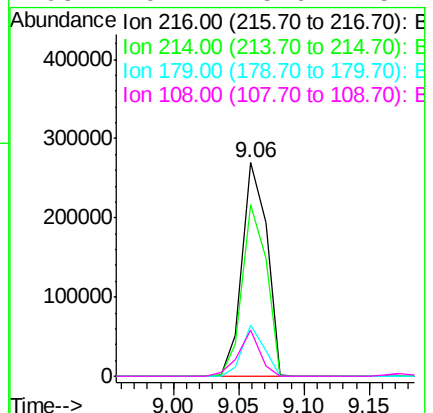
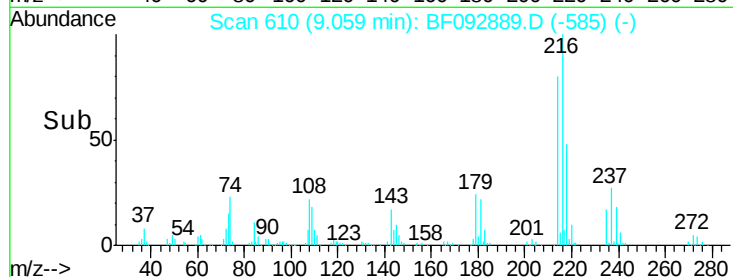
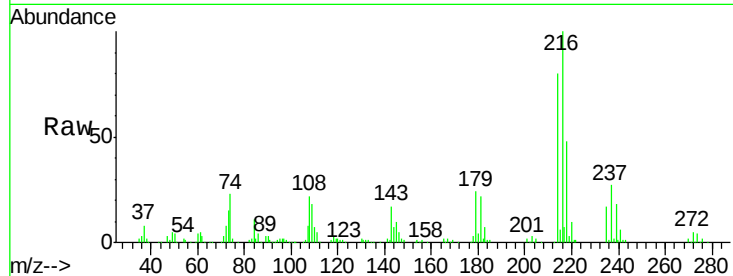
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.53 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:	216	Resp:	356066
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	20.8	17.4	26.2
108	19.2	15.6	23.4

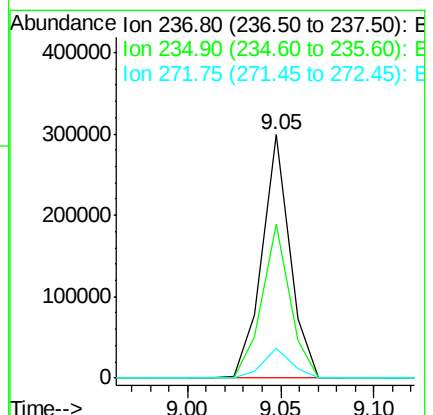
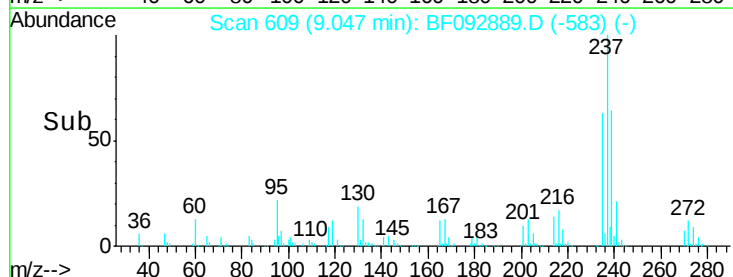
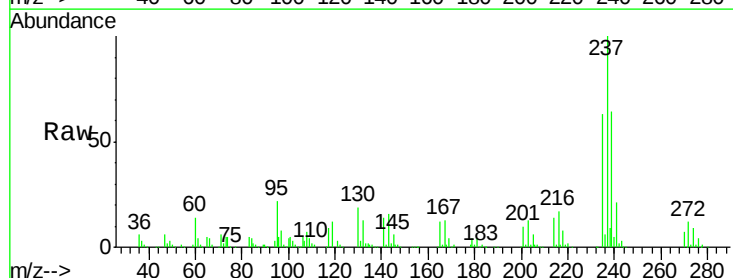
Manual Integrations
 APPROVED

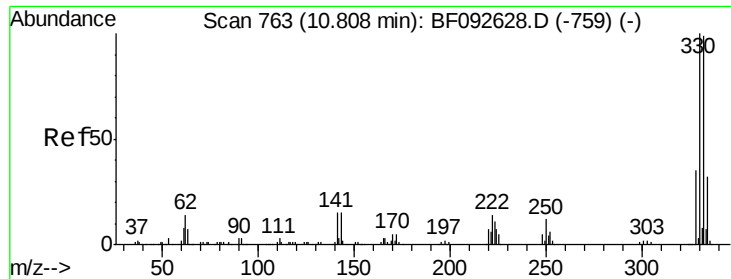
mohammad
 2/13/2017 12:40:43 PM



#40
 Hexachlorocyclopentadiene
 Concen: 62.67 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:	237	Resp:	309437
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.2	81.2
272	12.1	0.0	35.4





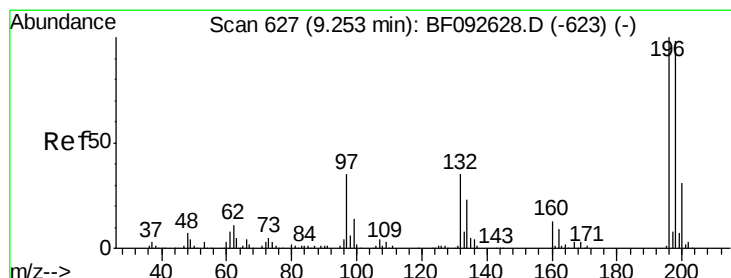
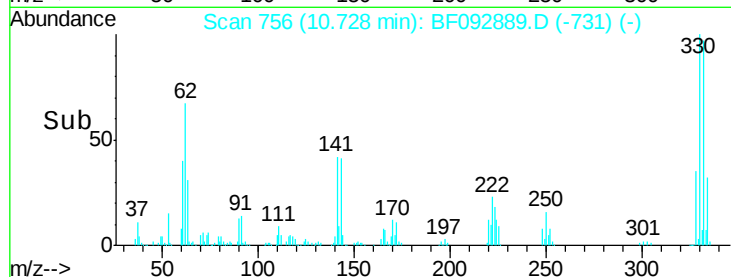
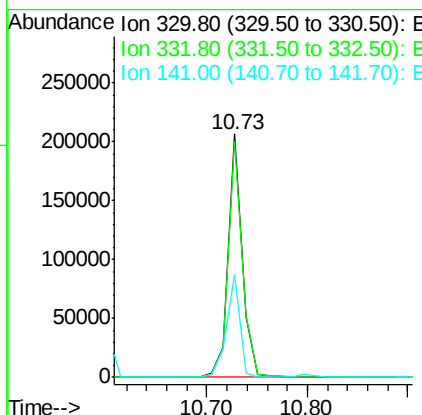
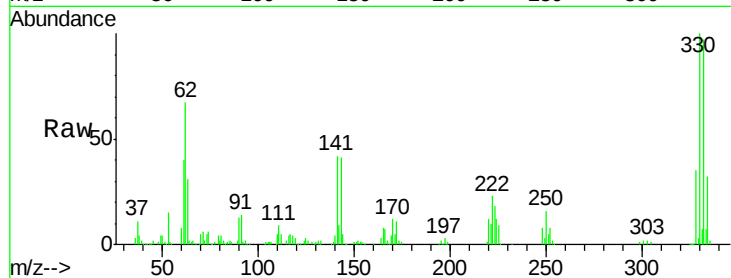
#41
 2,4,6-Tribromophenol
 Concen: 71.17 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	200704		
332	97.8		77.4	116.2
141	40.7		34.1	51.1

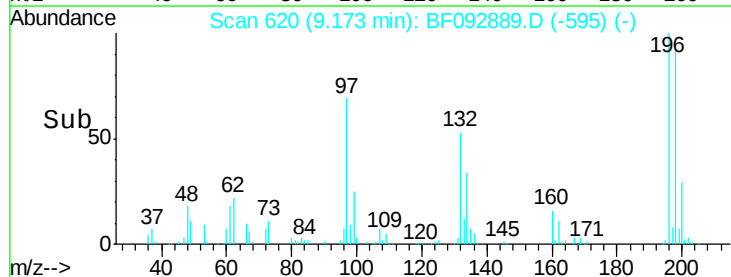
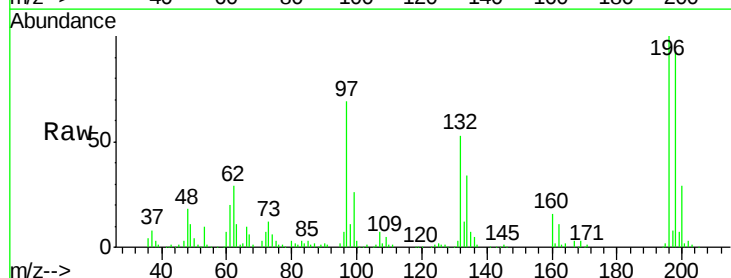
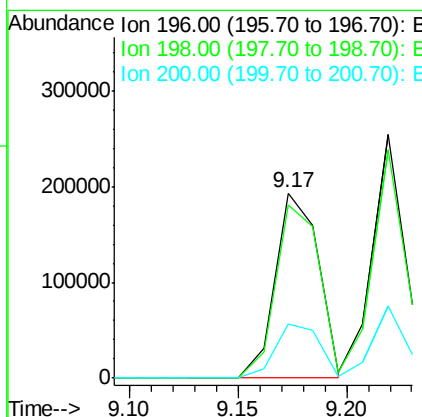
Manual Integrations
 APPROVED

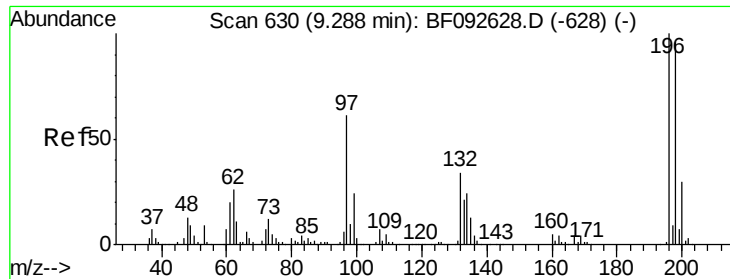
mohammad
 2/13/2017 12:40:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

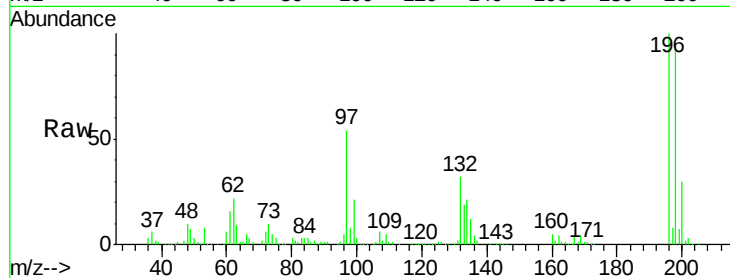
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268089		
198	93.3		82.1	123.1
200	29.2		27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 34.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

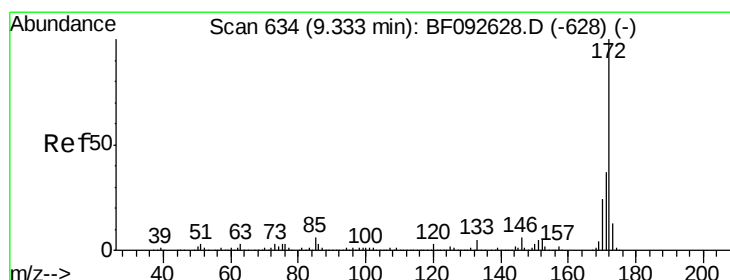
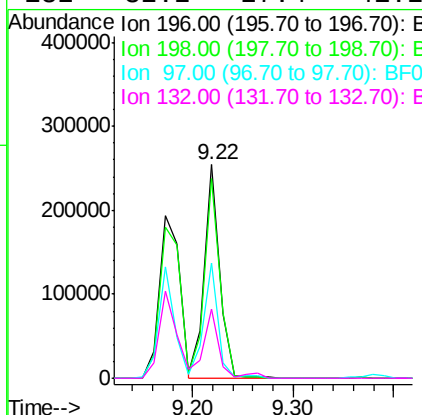
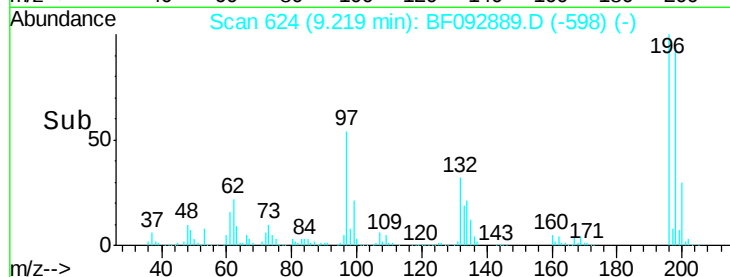
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS



Tgt Ion:	196	Resp:	270295
Ion Ratio	Lower	Upper	
196	100		
198	93.6	79.4	119.2
97	53.7	51.5	77.3
132	32.2	27.4	41.2

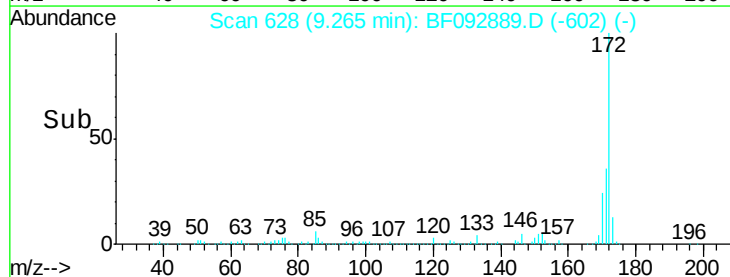
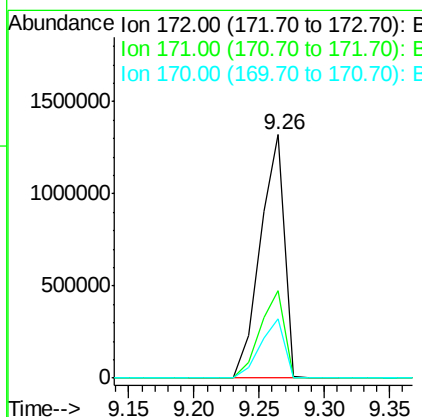
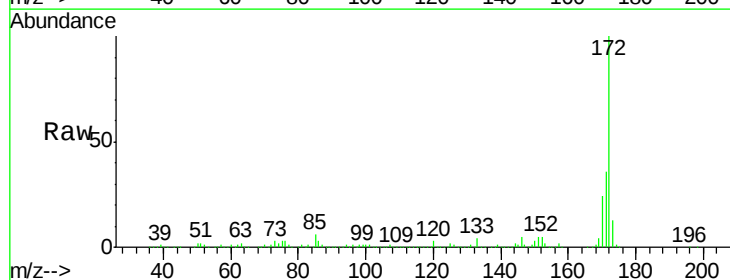
Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM



#44
 2-Fluorobiphenyl
 Concen: 78.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:	172	Resp:	1698373
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.3	20.2	30.4





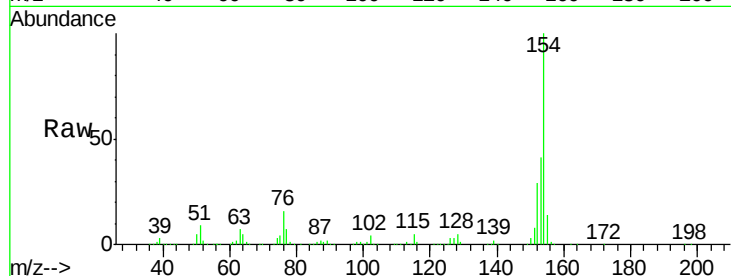
#45
 1,1'-Biphenyl
 Concen: 33.84 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

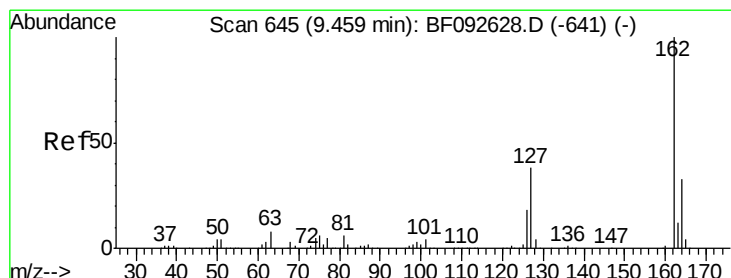
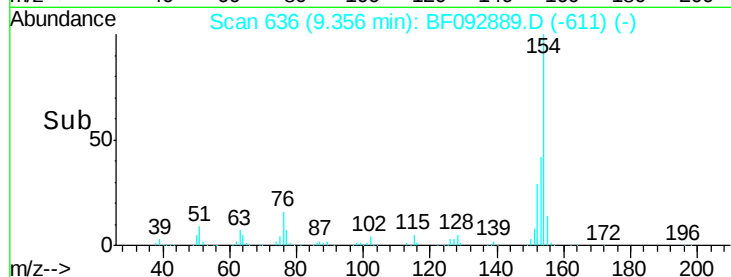
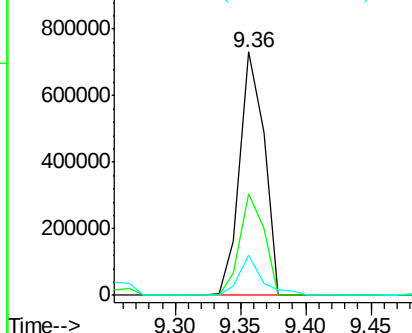
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	955269		
153	41.5	20.9	60.9	
76	16.4	0.0	30.5	

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM

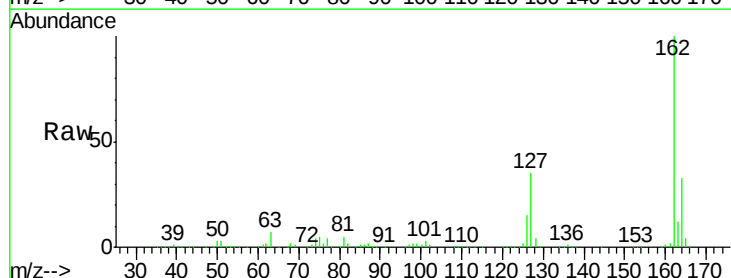


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

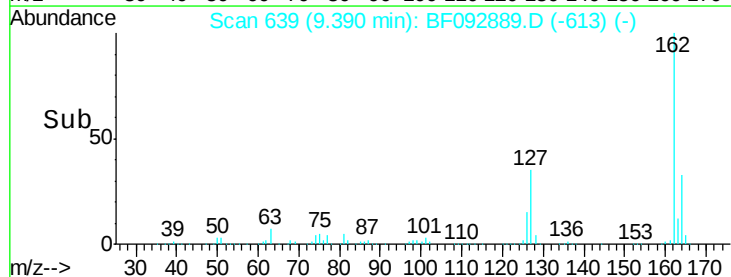
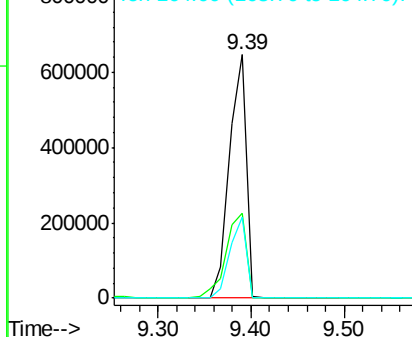


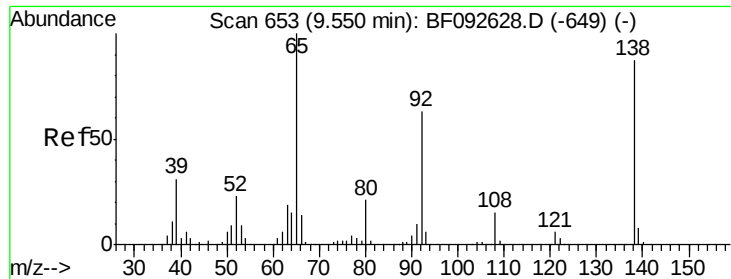
#46
 2-Chloronaphthalene
 Concen: 37.43 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	826727		
127	34.7	30.7	46.1	
164	33.4	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: 31.62 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

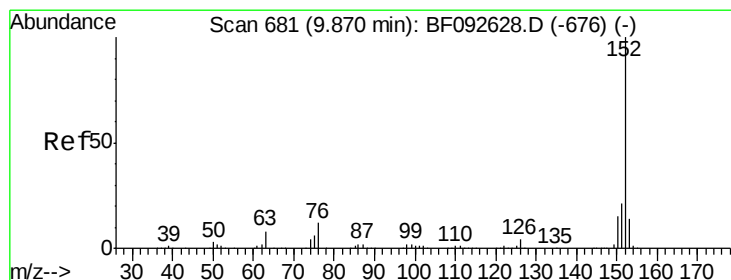
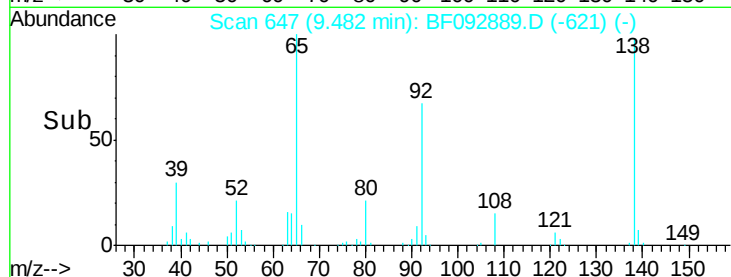
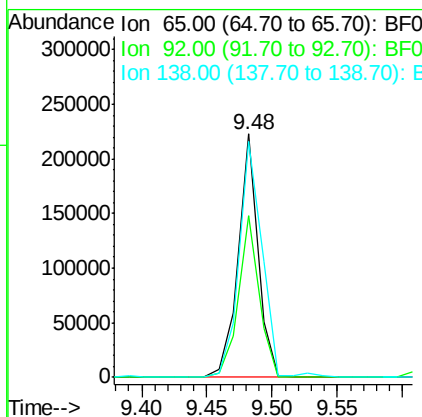
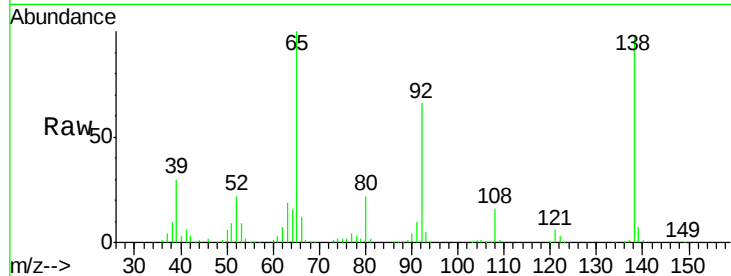
ClientSampleId :

PB96841BS

Tgt Ion:	65	Resp:	234791
Ion Ratio	Lower	Upper	
65	100		
92	66.3	53.9	80.9
138	97.0	76.8	115.2

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#48

Acenaphthylene

Concen: 33.38 ng

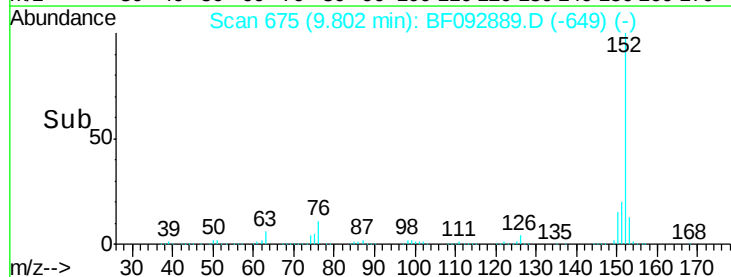
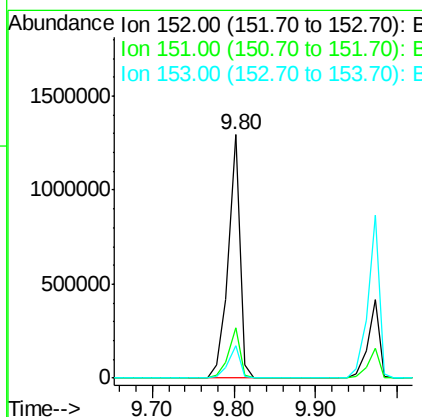
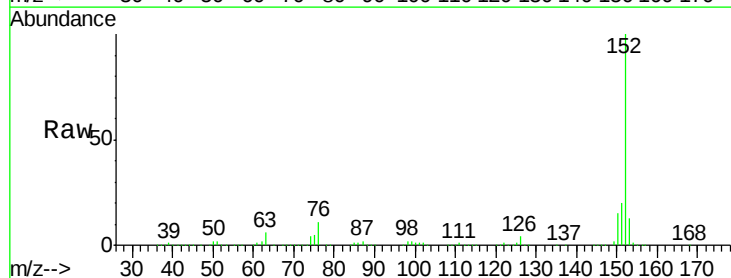
RT: 9.80 min Scan# 675

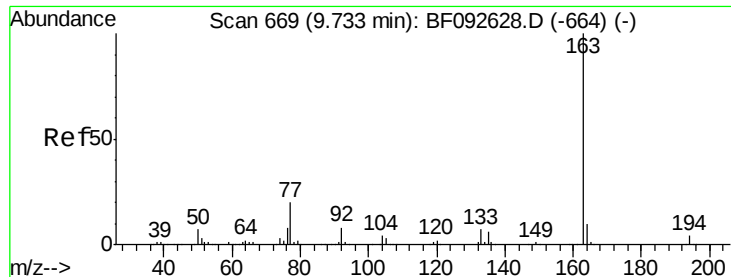
Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	152	Resp:	1273665
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.9	25.3
153	13.3	11.4	17.2





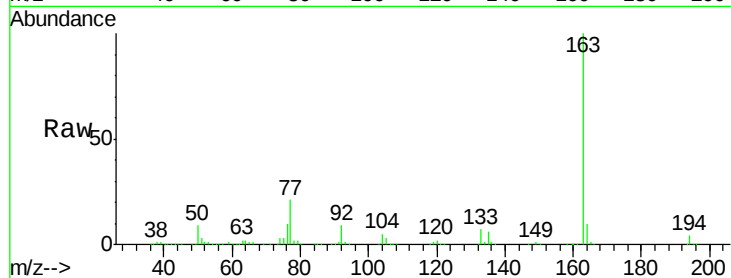
#49
Dimethylphthalate
Concen: 35.35 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.4
164	10.3	8.0	12.0

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM

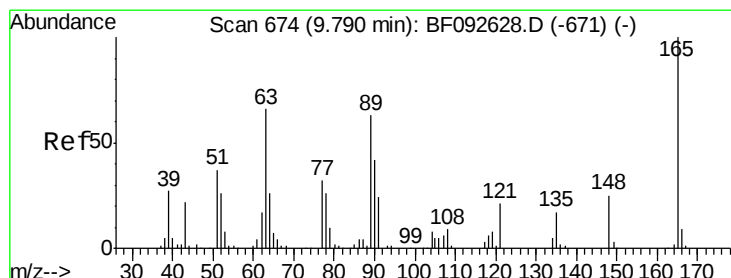
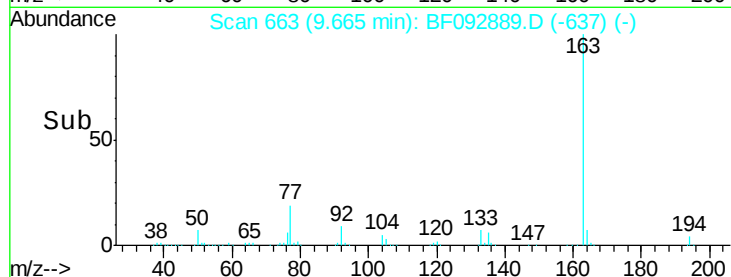
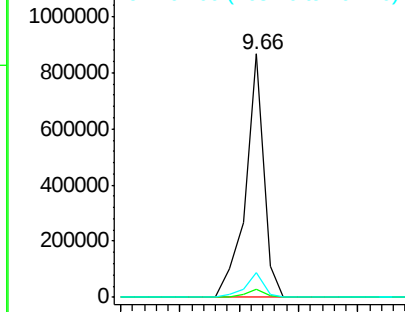


Abundance

Ion 163.00 (162.70 to 163.70): E

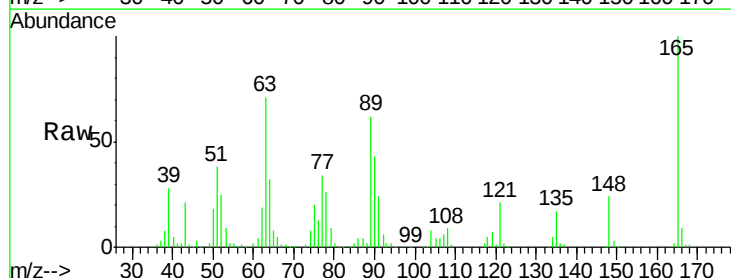
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 37.07 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.6	36.2	54.4#
89	62.1	40.2	60.4#

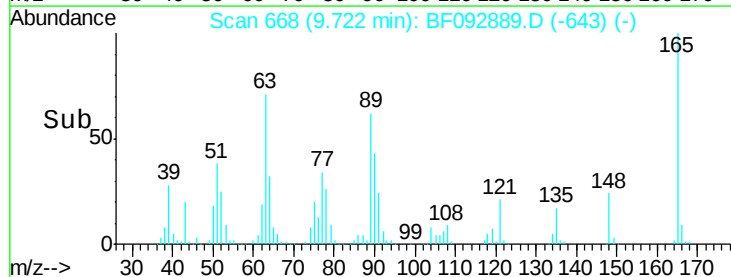
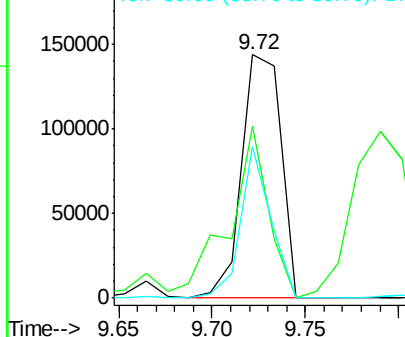


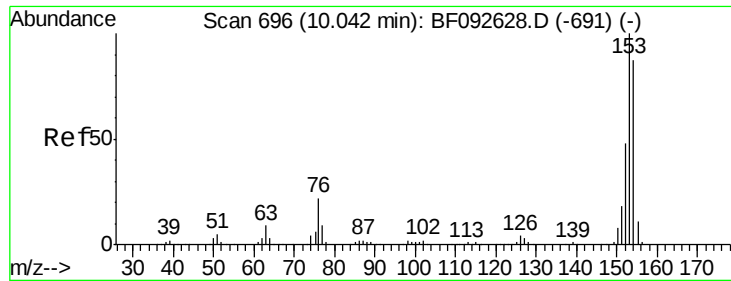
Abundance

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: 34.34 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

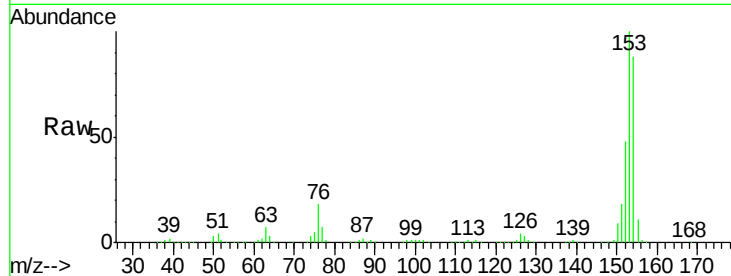
ClientSampleId :

PB96841BS

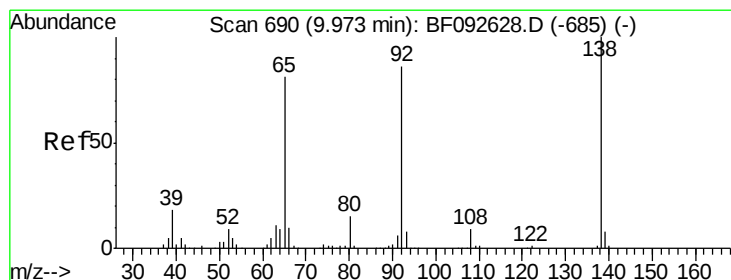
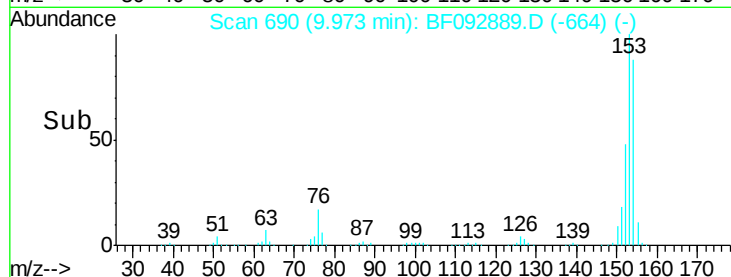
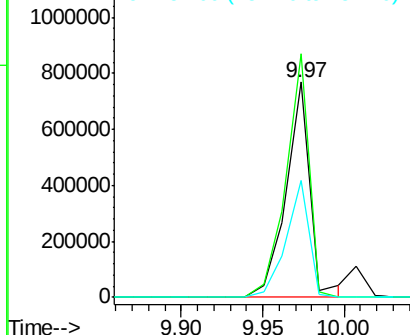
Tgt Ion:	154	Resp:	783362
Ion Ratio	Lower	Upper	
154	100		
153	113.3	88.6	133.0
152	54.4	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



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



#52

3-Nitroaniline

Concen: 10.94 ng

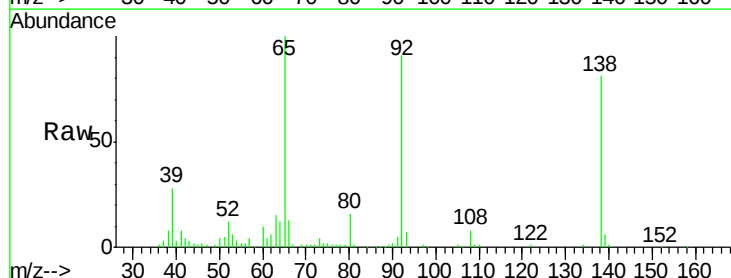
RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

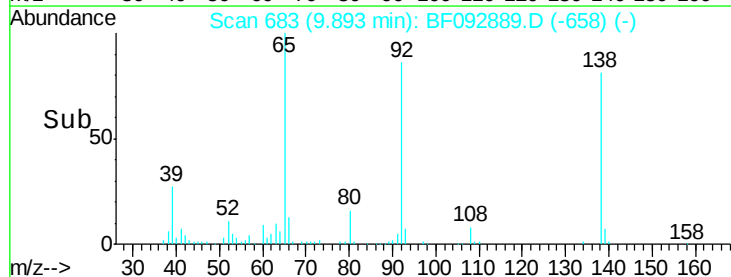
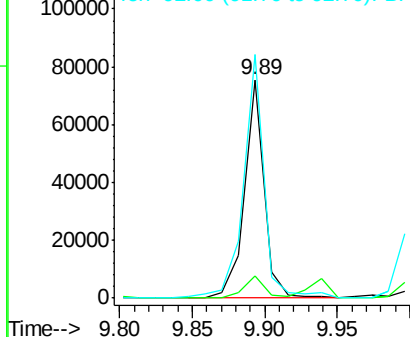
Lab File: BF092889.D

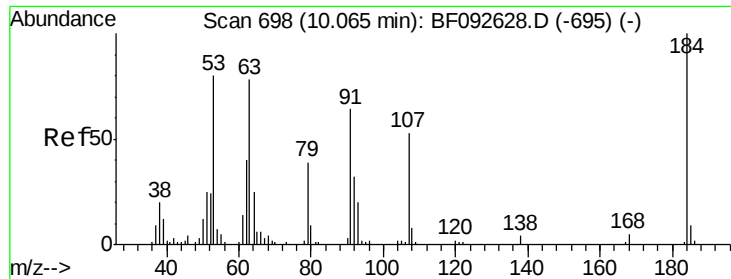
Acq: 10 Feb 2017 18:07

Tgt Ion:	138	Resp:	71032
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	111.6	97.8	146.8



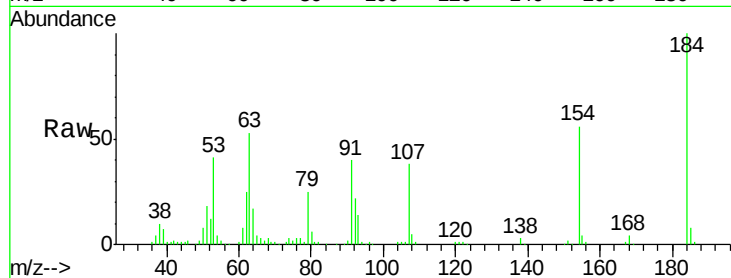
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 68.38 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

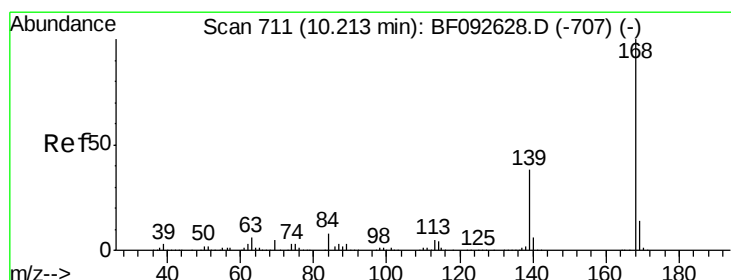
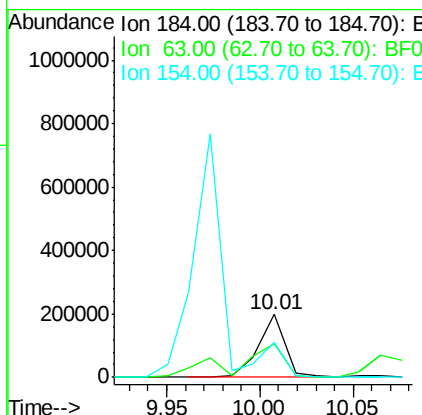
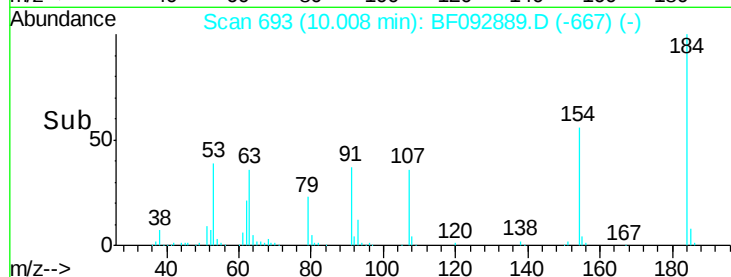
Instrument :
BNA_F
ClientSampleId :
PB96841BS



Tgt Ion:184 Resp: 195166
Ion Ratio Lower Upper
184 100
63 53.2 28.4 42.6#
154 56.0 44.3 66.5

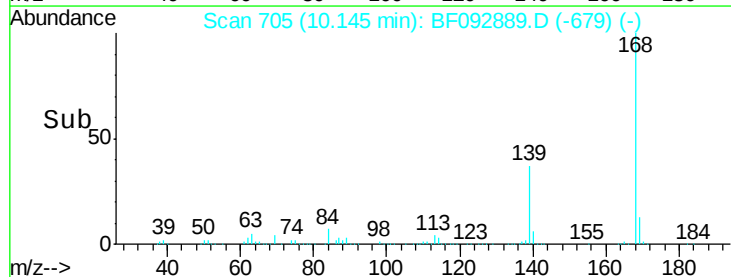
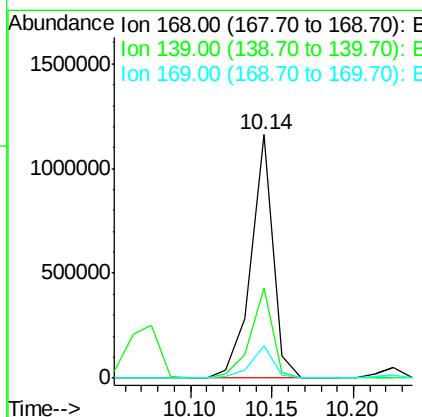
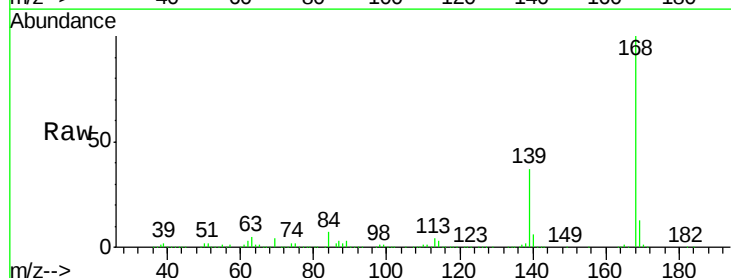
Manual Integrations
APPROVED

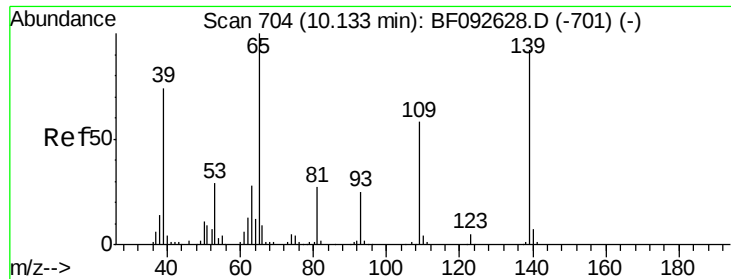
mohammad
2/13/2017 12:40:43 PM



#54
Dibenzofuran
Concen: 35.80 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:168 Resp: 1092141
Ion Ratio Lower Upper
168 100
139 37.0 32.6 49.0
169 13.4 11.3 16.9





#55

4-Nitrophenol

Concen: 74.82 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

Tgt Ion:139 Resp: 349746
Ion Ratio Lower Upper

139 100

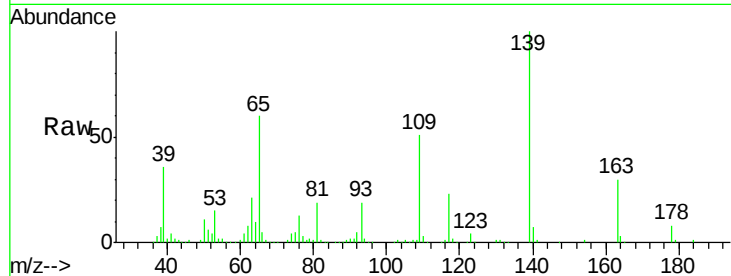
109 51.1 52.2 92.2#

65 59.9 85.8 125.8#

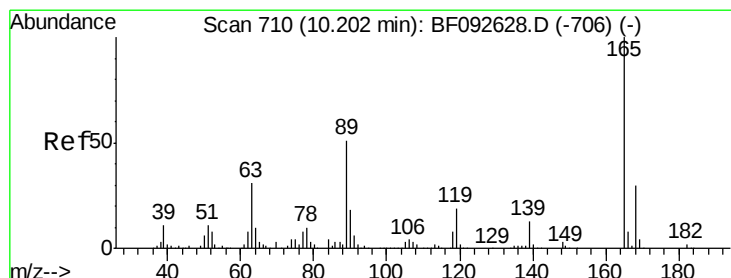
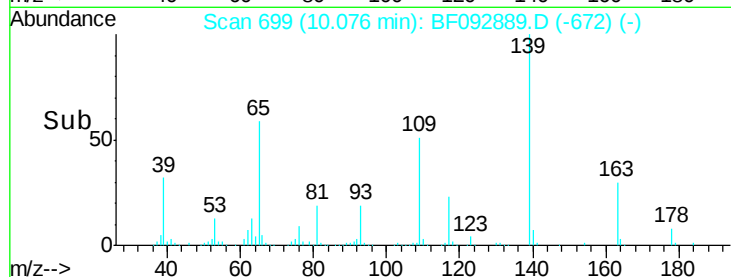
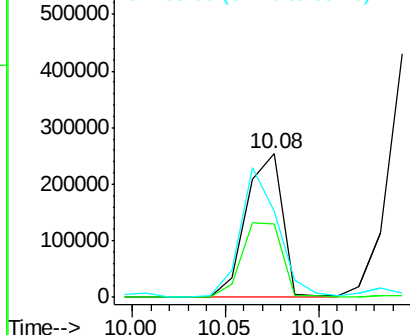
Manual Integrations
APPROVED

mohammad

2/13/2017 12:40:43 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.92 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:165 Resp: 286360
Ion Ratio Lower Upper

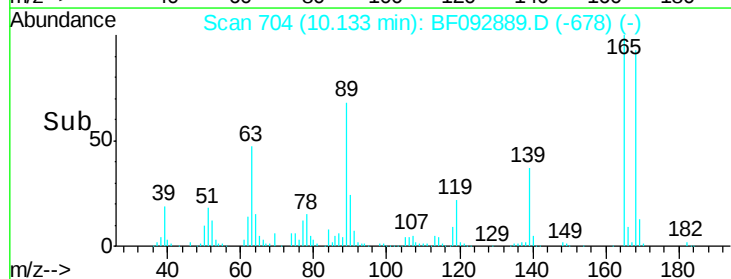
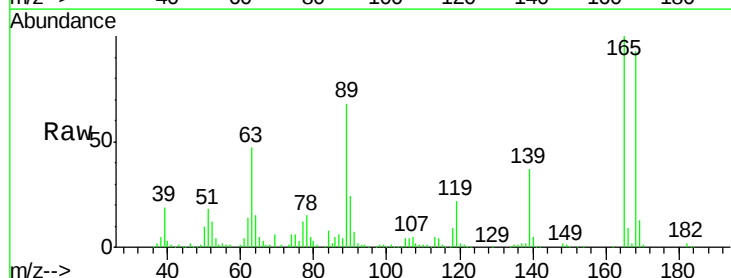
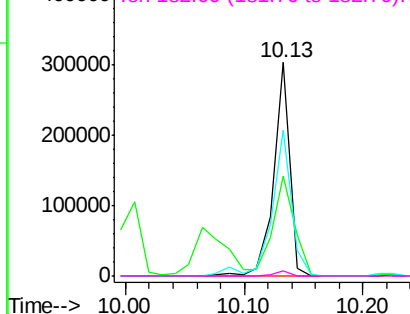
165 100

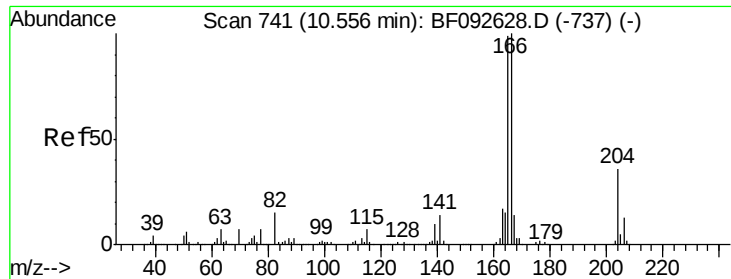
63 47.0 40.2 60.4

89 68.3 62.5 93.7

182 2.3 1.8 2.8

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.55 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

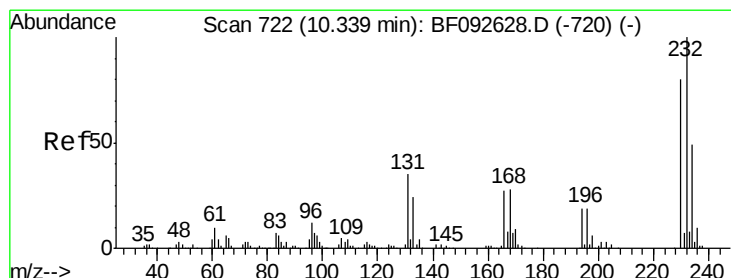
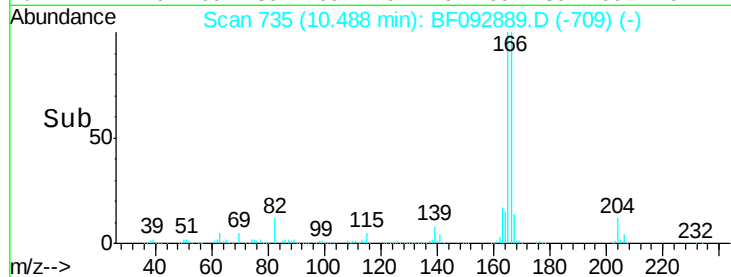
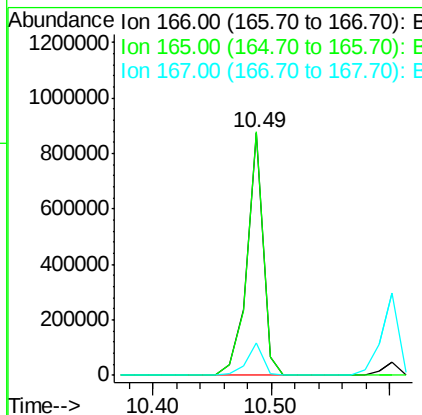
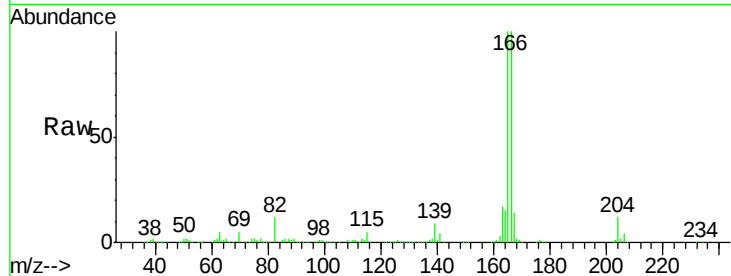
ClientSampleId :

PB96841BS

Tgt Ion:	166	Resp:	834468
Ion Ratio	Lower	Upper	
166	100		
165	100.3	77.8	116.8
167	13.6	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.43 ng

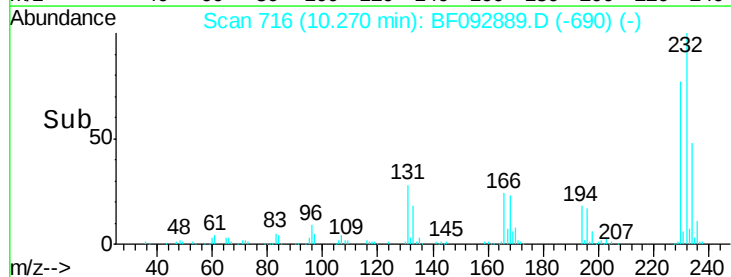
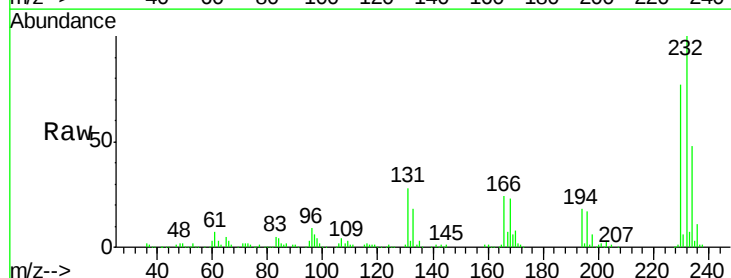
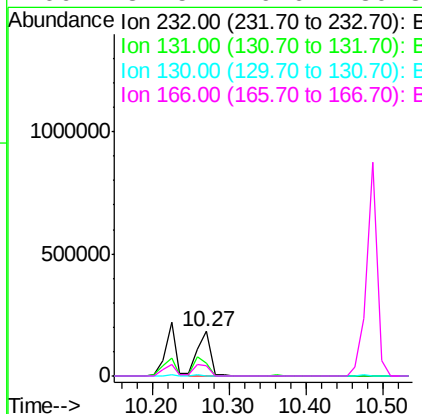
RT: 10.27 min Scan# 716

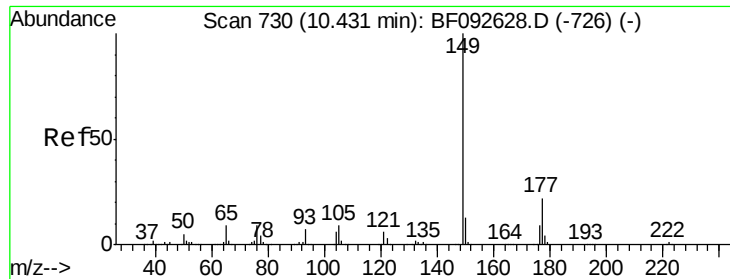
Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	232	Resp:	212535
Ion Ratio	Lower	Upper	
232	100		
131	45.7	40.1	60.1
130	2.1	1.8	2.8
166	31.5	26.6	39.8





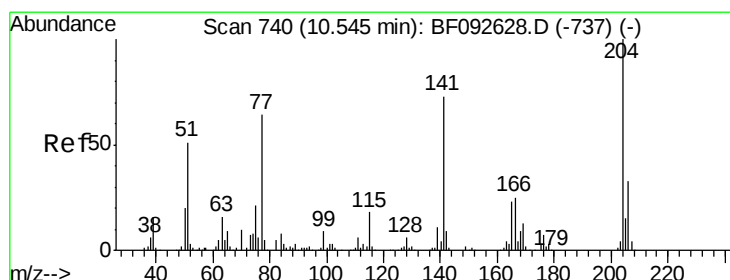
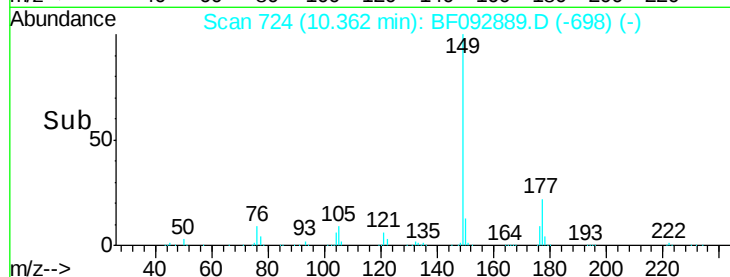
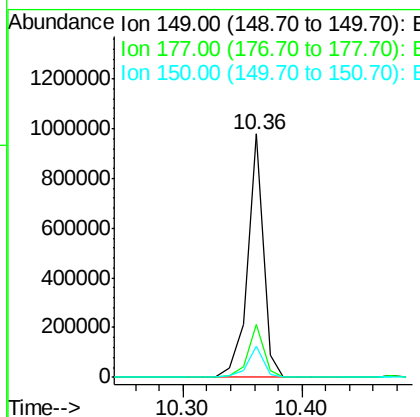
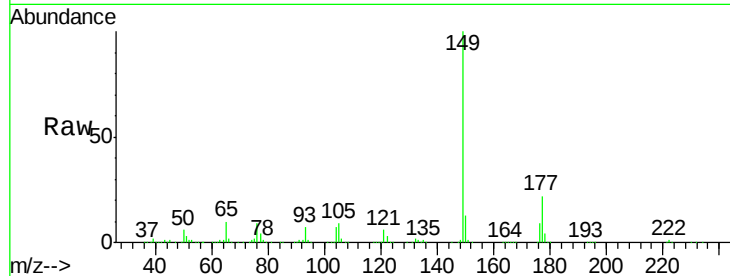
#59
Diethylphthalate
Concen: 36.56 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	904771		
177	21.9	16.6	25.0	
150	12.8	10.4	15.6	

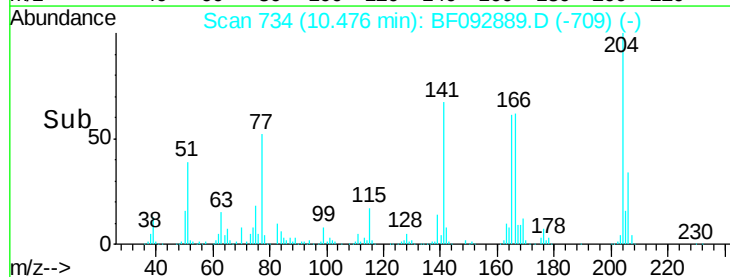
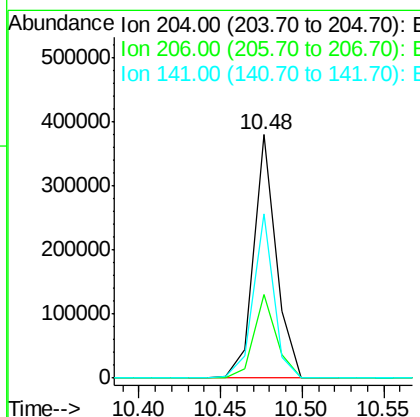
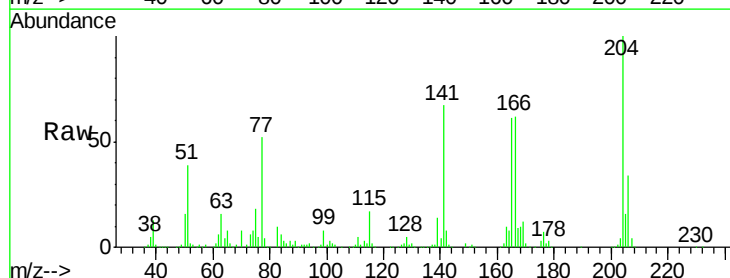
Manual Integrations
APPROVED

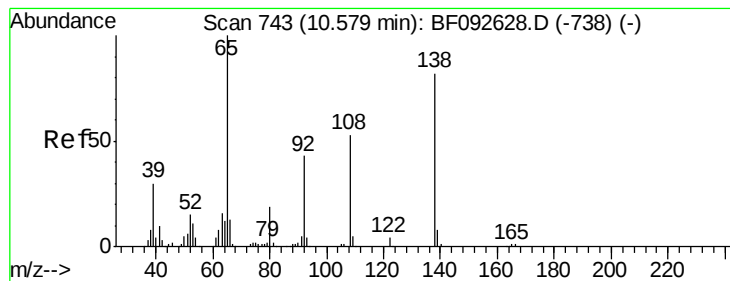
mohammad
2/13/2017 12:40:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.43 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

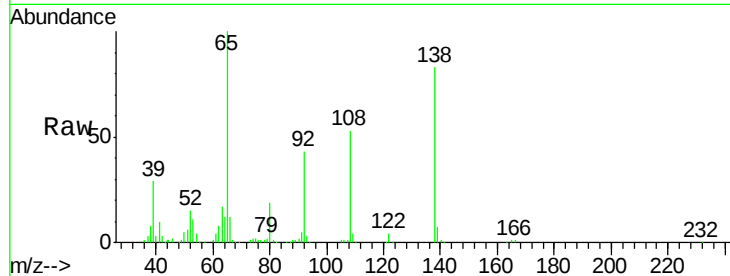
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	365688		
206	34.5	25.8	38.6	
141	67.5	59.4	89.0	





#61
4-Nitroaniline
Concen: 28.45 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

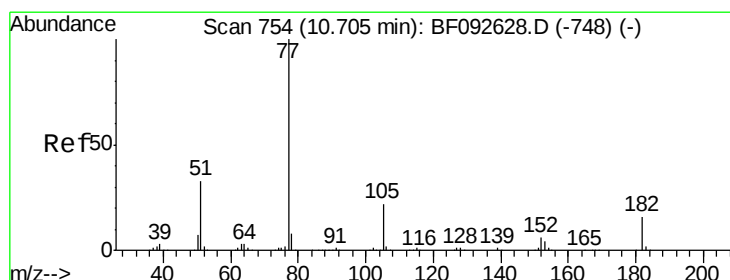
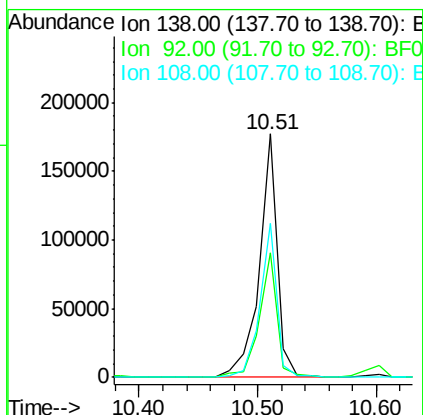
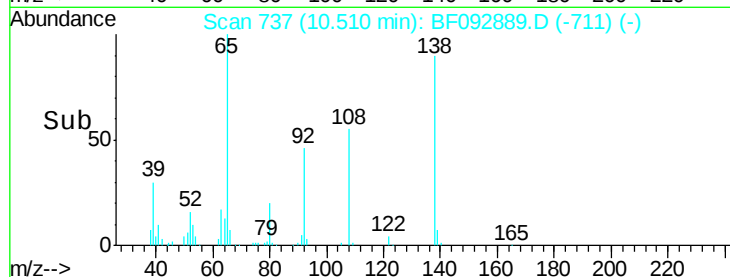
Instrument :
BNA_F
ClientSampleId :
PB96841BS



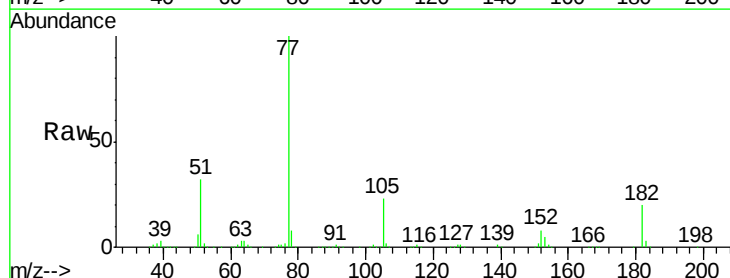
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.7	71.7
108	63.3	52.6	92.6

Manual Integrations
APPROVED

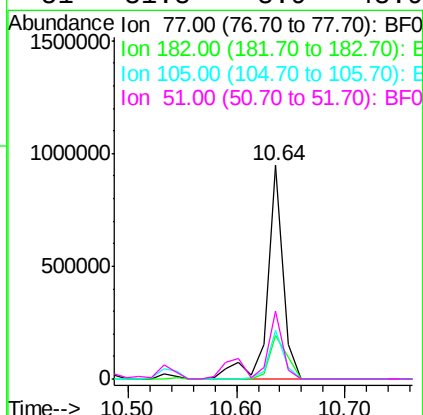
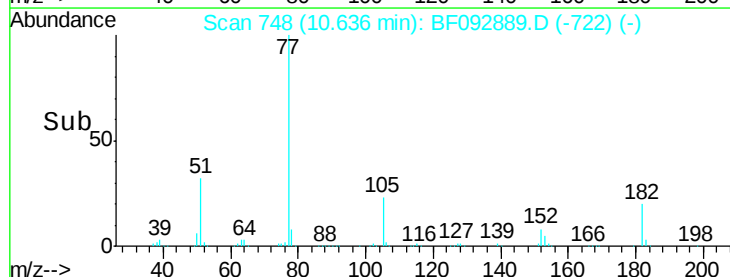
mohammad
2/13/2017 12:40:43 PM



#62
Azobenzene
Concen: 37.58 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07



Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	0.0	39.3
105	22.9	2.3	42.3
51	31.8	8.9	48.9





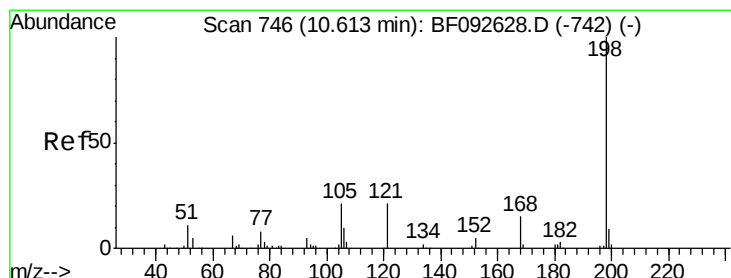
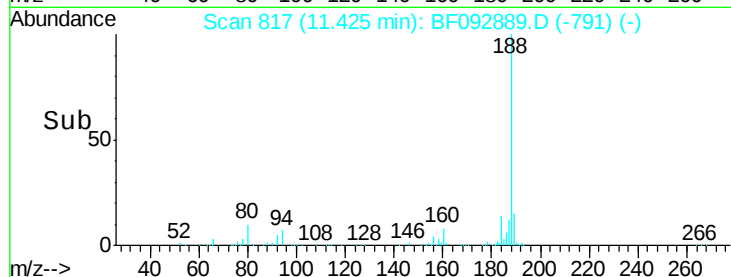
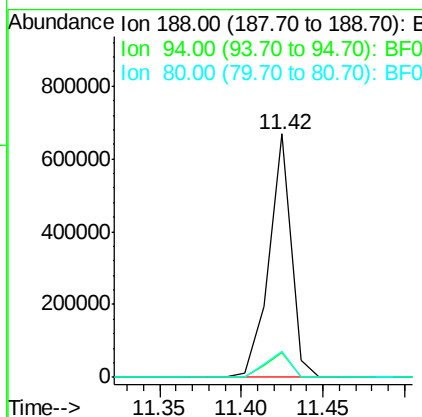
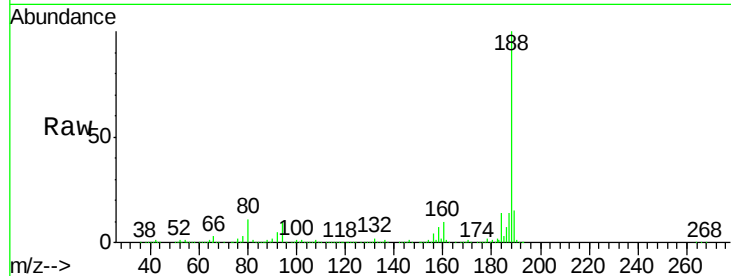
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	633762		
94	9.9	10.0	15.0#	
80	10.6	11.2	16.8#	

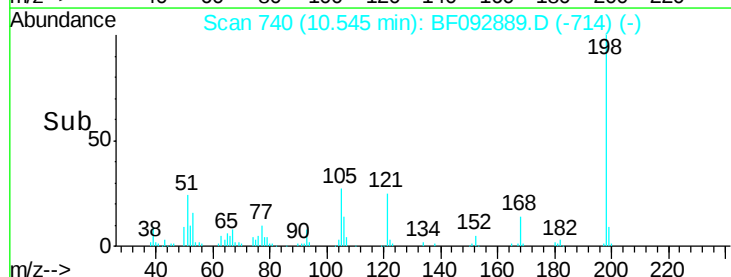
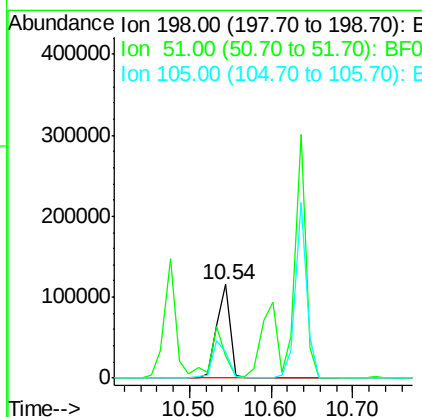
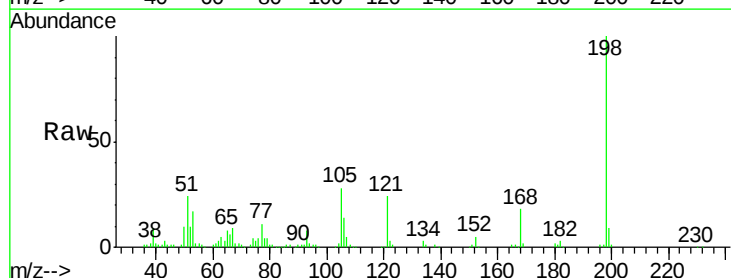
Manual Integrations
APPROVED

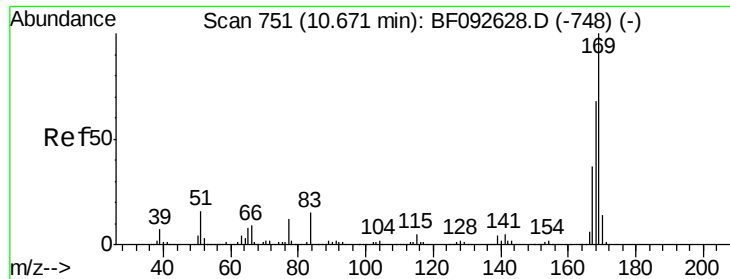
mohammad
2/13/2017 12:40:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.68 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	134834		
51	23.9	6.7	46.7	
105	27.5	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 39.07 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

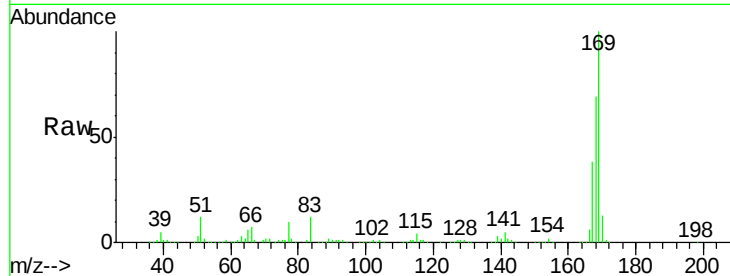
ClientSampleId :

PB96841BS

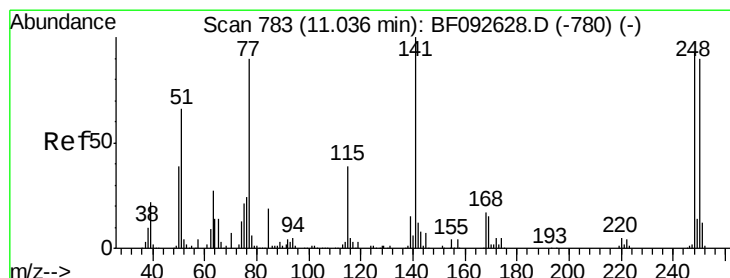
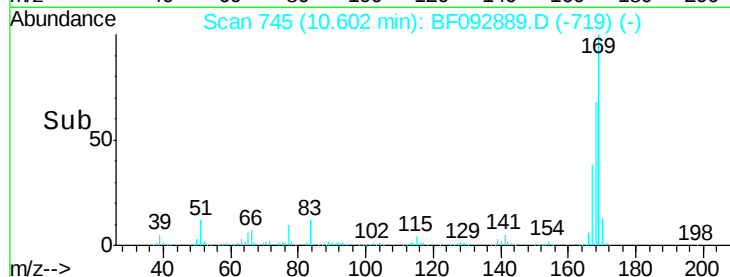
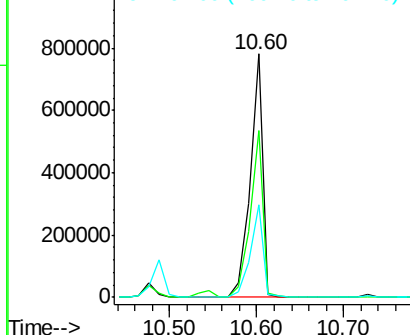
Tgt	Ion	Resp	791048
Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.2	81.2
167	38.2	30.2	45.4

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



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



#66

4-Bromophenyl-phenylether

Concen: 35.42 ng

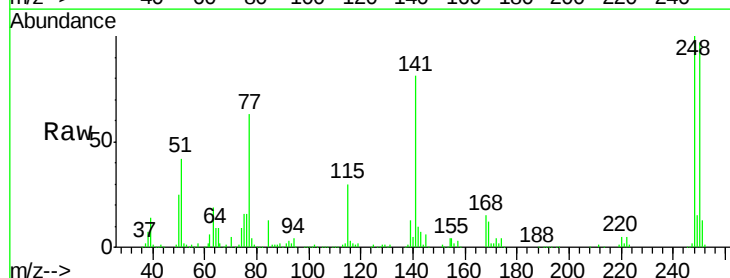
RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

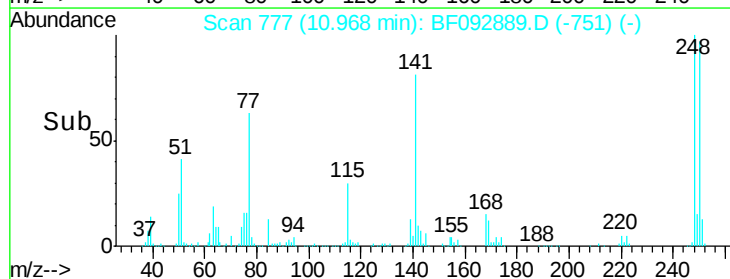
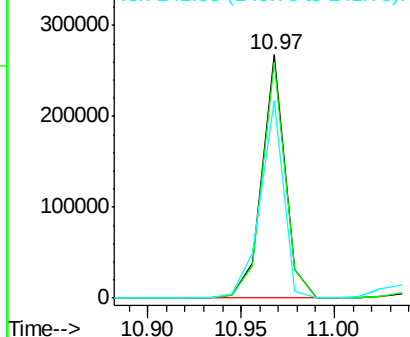
Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt	Ion	Resp	234512
Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	80.9	68.2	102.4



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





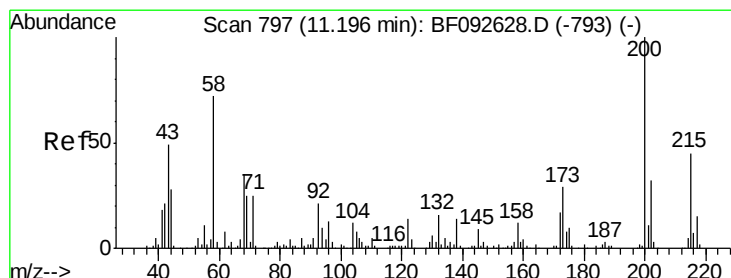
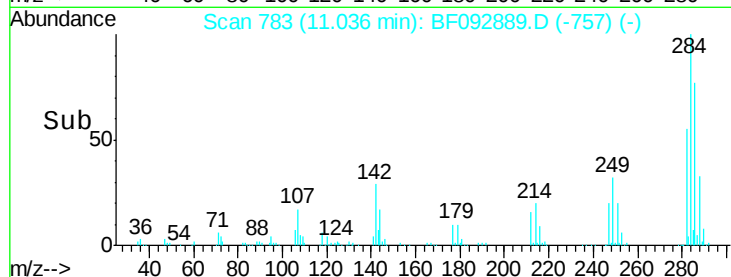
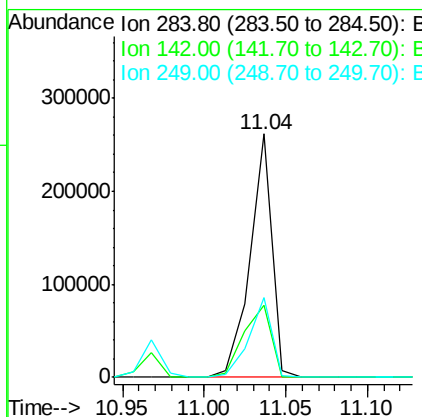
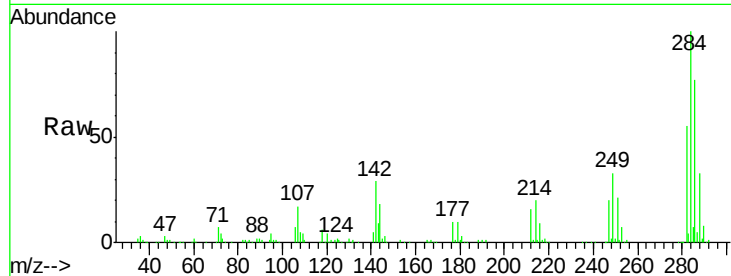
#67
Hexachlorobenzene
Concen: 37.44 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	29.4	22.6	33.8
249	32.6	25.4	38.0

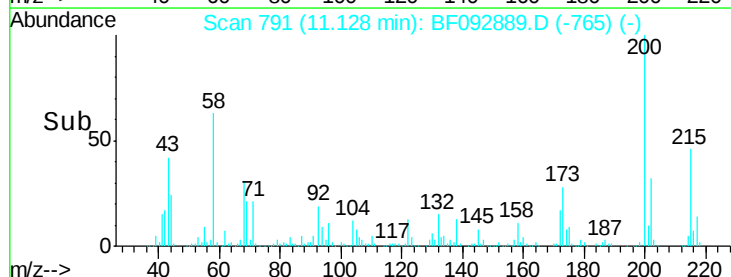
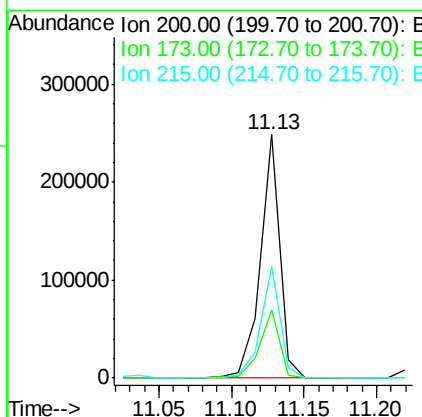
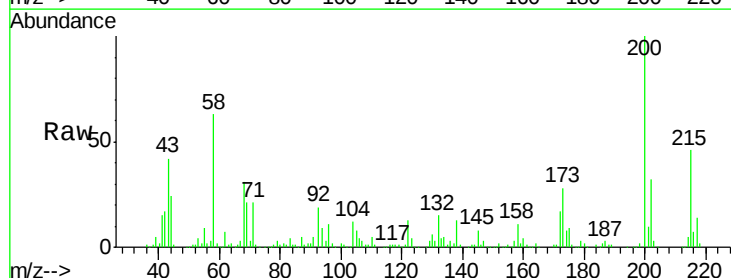
Manual Integrations
APPROVED

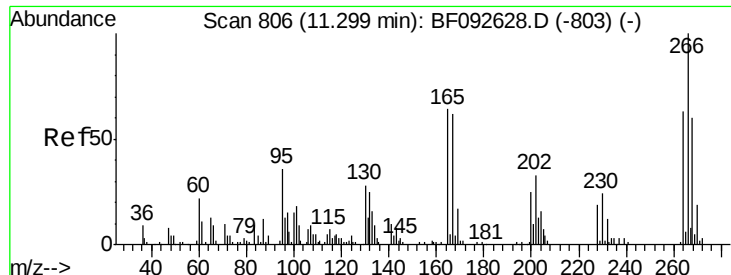
mohammad
2/13/2017 12:40:43 PM



#68
Atrazine
Concen: 35.49 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.2	9.6	49.6
215	46.0	25.7	65.7





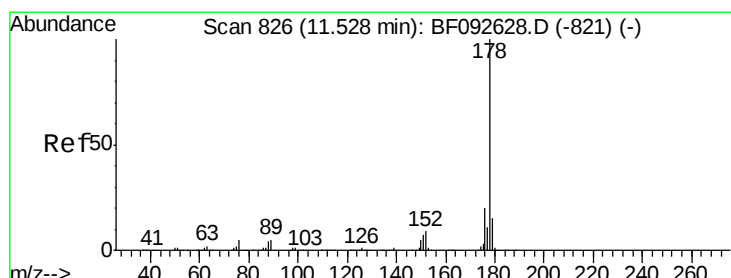
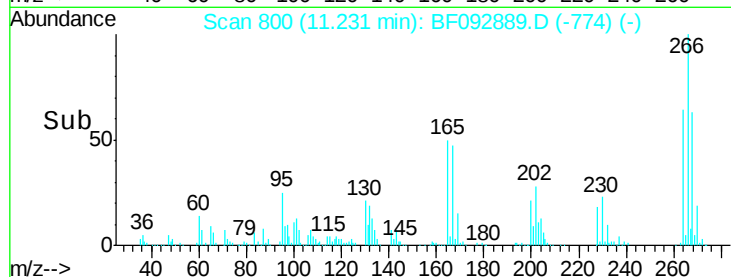
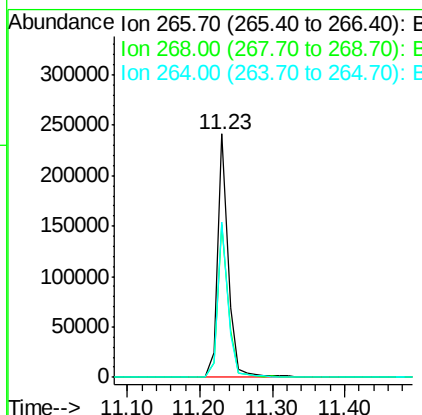
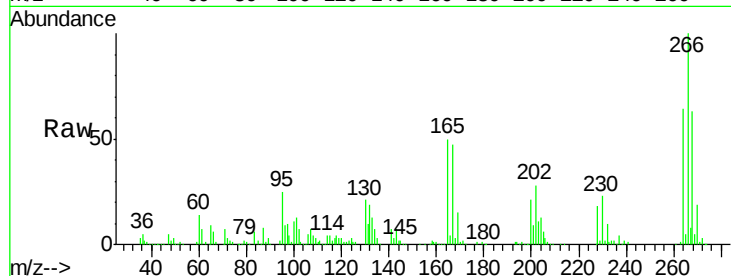
#69
 Pentachlorophenol
 Concen: 73.93 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	53.3	79.9
264	63.7	50.3	75.5

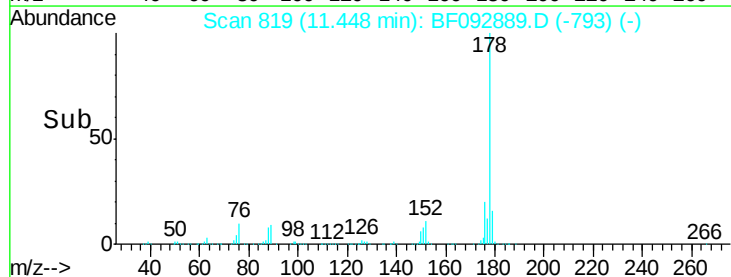
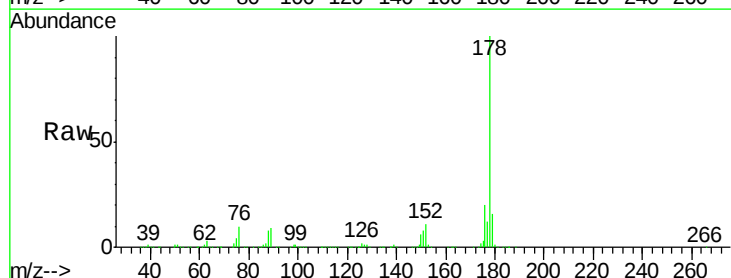
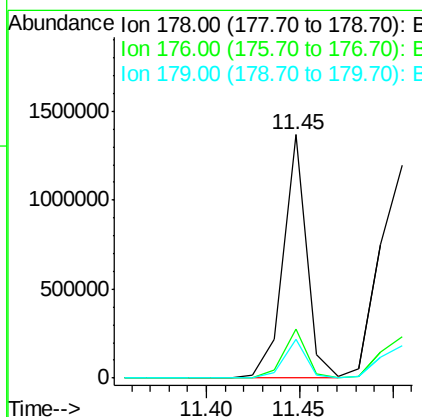
Manual Integrations
 APPROVED

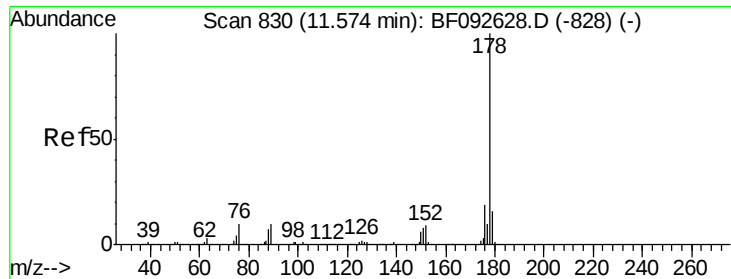
mohammad
 2/13/2017 12:40:43 PM



#70
 Phenanthrene
 Concen: 33.01 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	16.2	12.8	19.2





#71

Anthracene

Concen: 37.97 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

Tgt Ion:178 Resp: 1384472

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

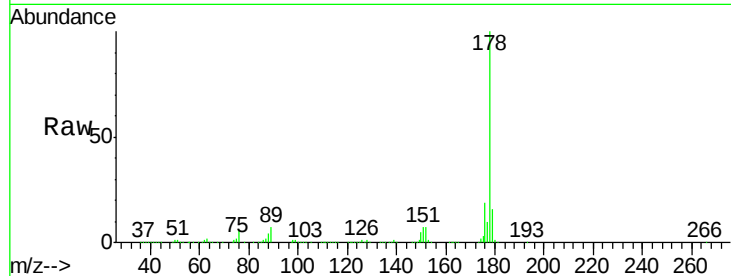
179 15.5 13.2 19.8

Manual Integrations

APPROVED

mohammad

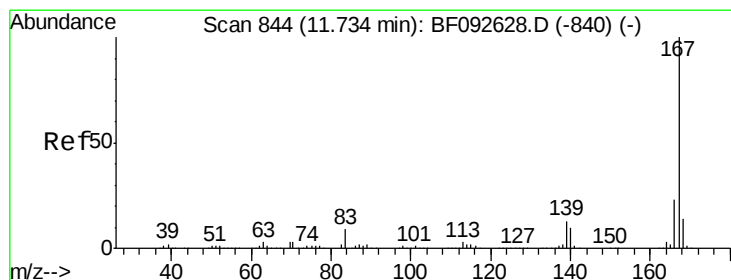
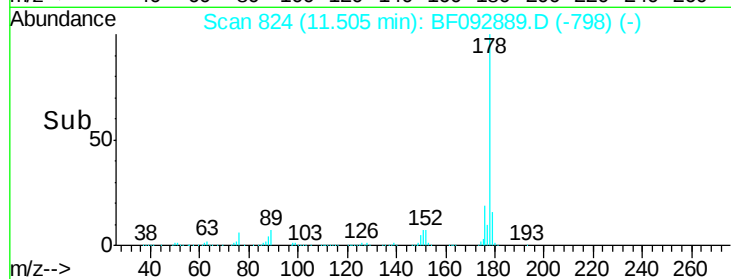
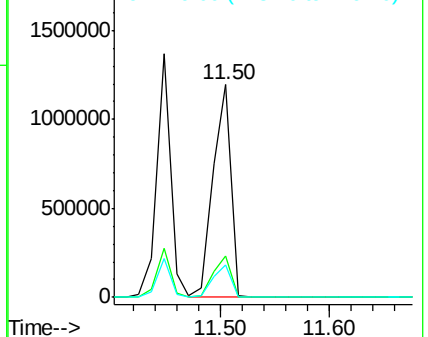
2/13/2017 12:40:43 PM



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: 31.32 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

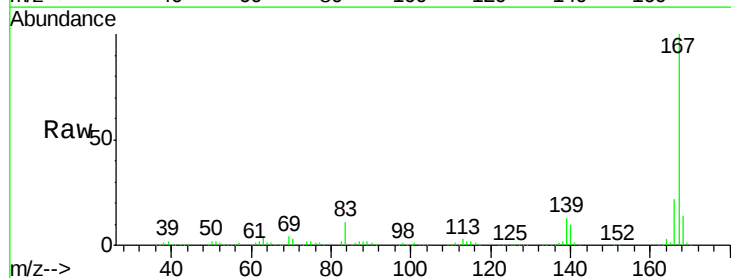
Tgt Ion:167 Resp: 1091592

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

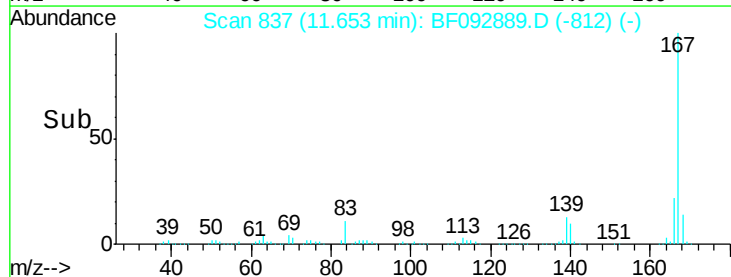
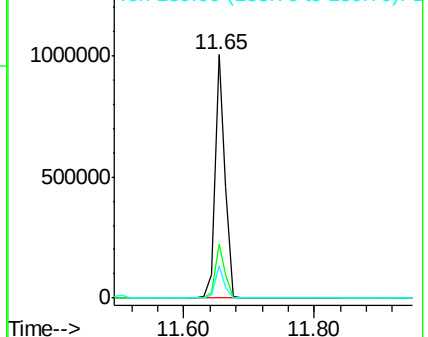
139 13.2 11.4 17.2

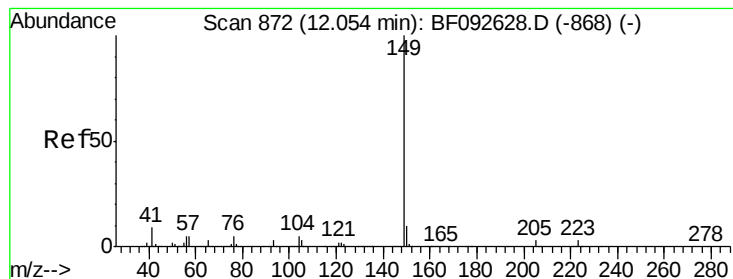


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.60 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

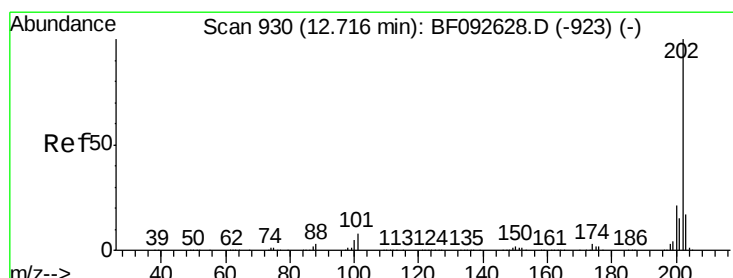
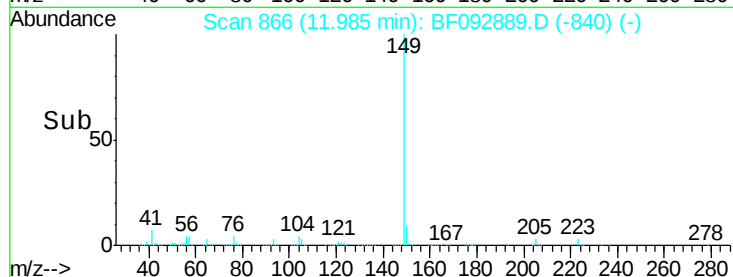
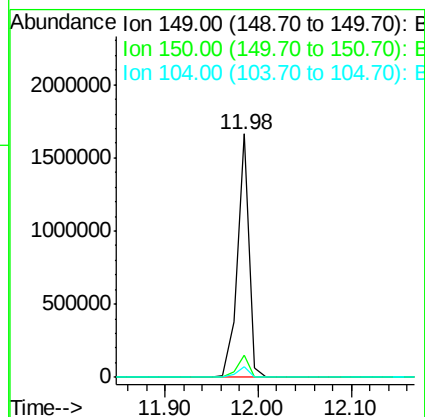
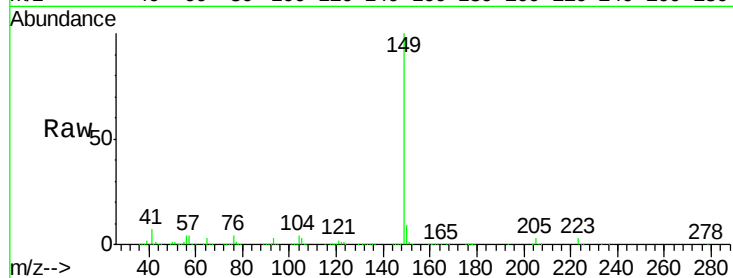
PB96841BS

Tgt Ion:149 Resp: 1455112

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.2	4.6	7.0

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#74

Fluoranthene

Concen: 33.70 ng

RT: 12.64 min Scan# 923

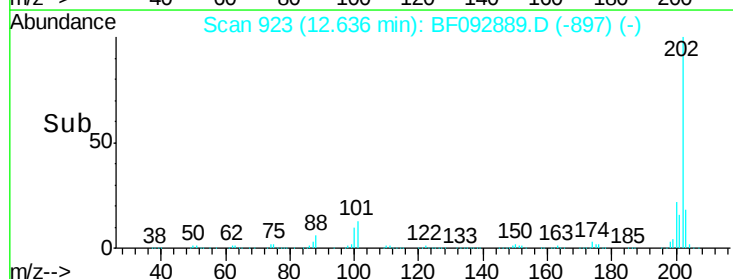
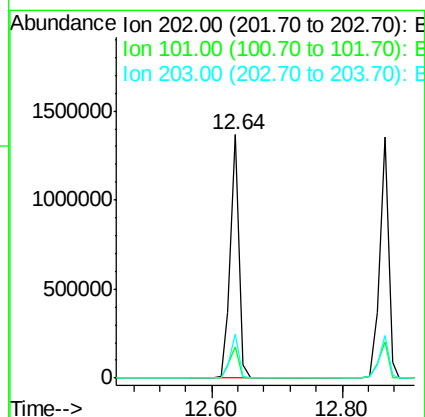
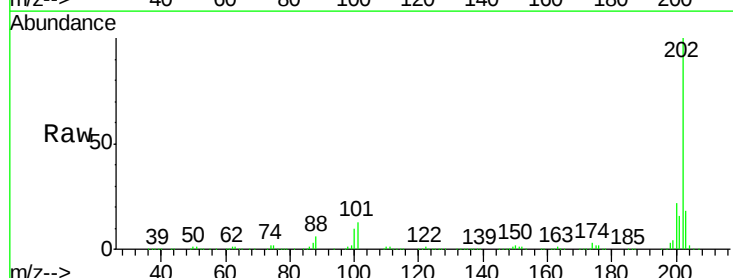
Delta R.T. 0.00 min

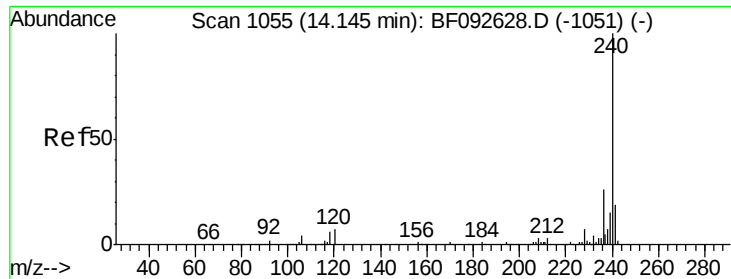
Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:202 Resp: 1262162

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.6
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

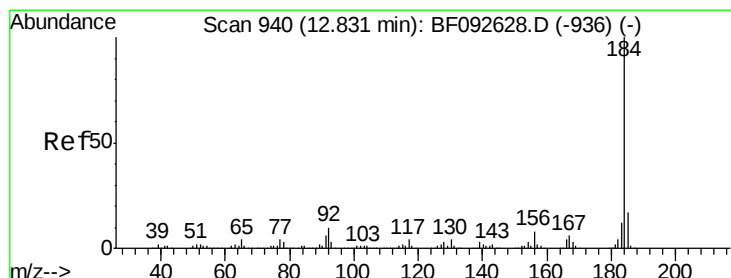
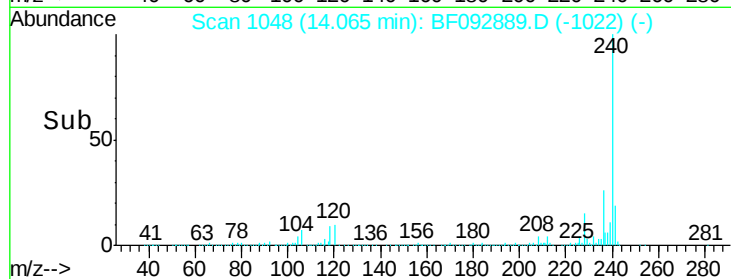
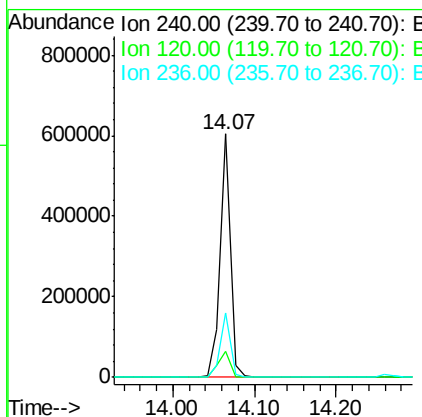
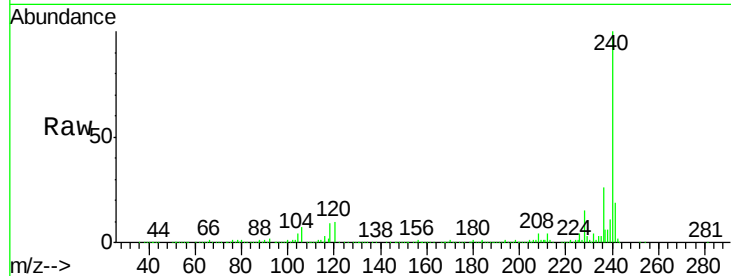
ClientSampleId :

PB96841BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	26.4	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#76

Benzidine

Concen: 12.55 ng

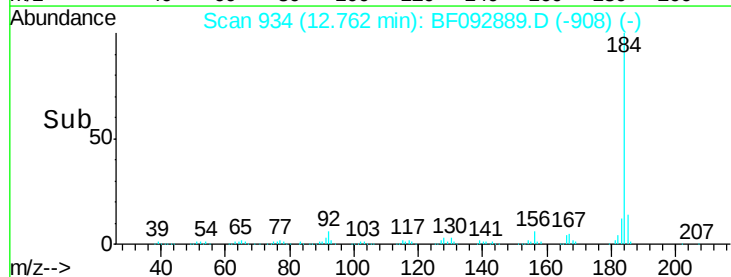
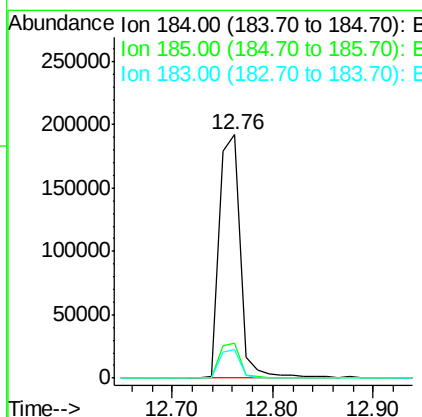
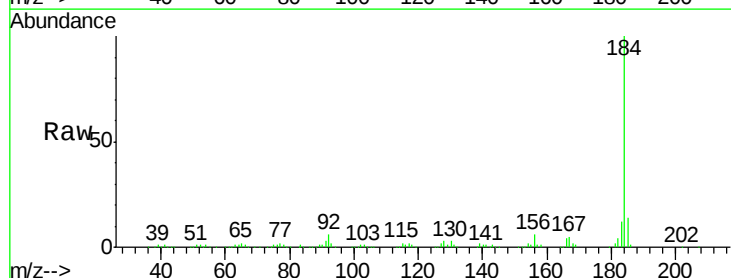
RT: 12.76 min Scan# 934

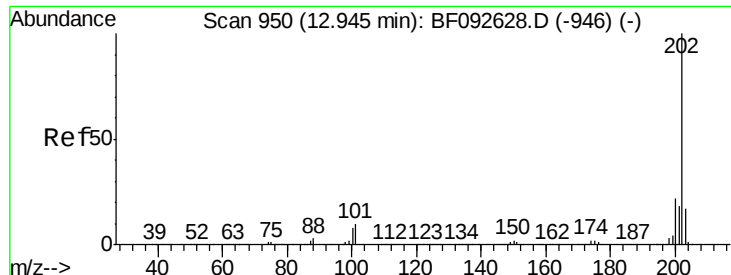
Delta R.T. -0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	11.9	9.2	13.8





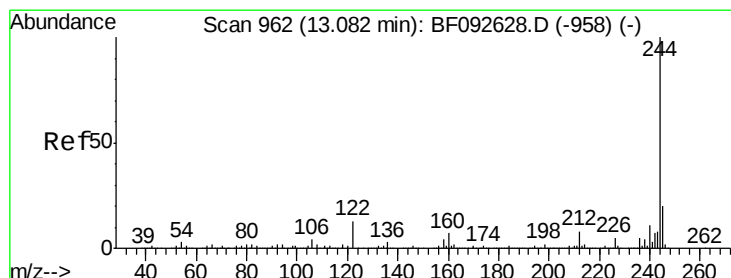
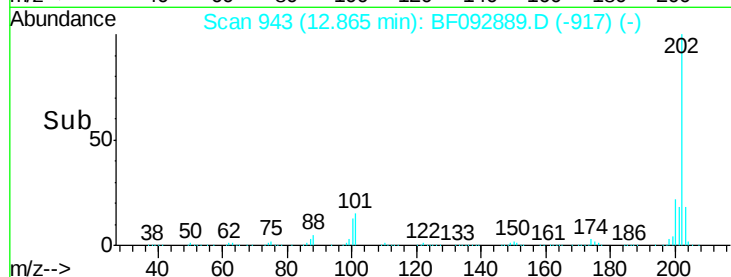
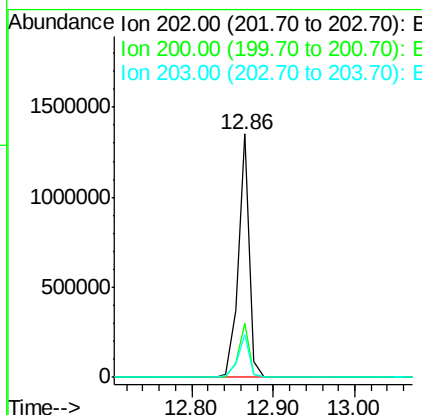
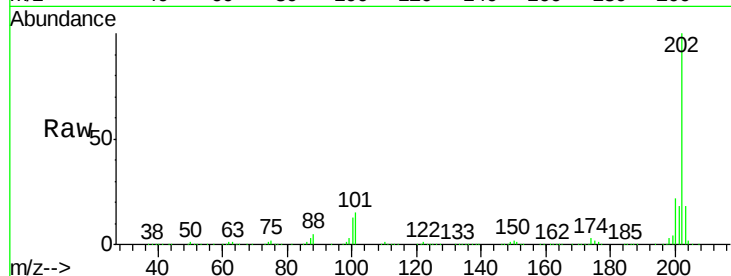
#77
 Pyrene
 Concen: 32.02 ng
 RT: 12.86 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.8	14.7	22.1

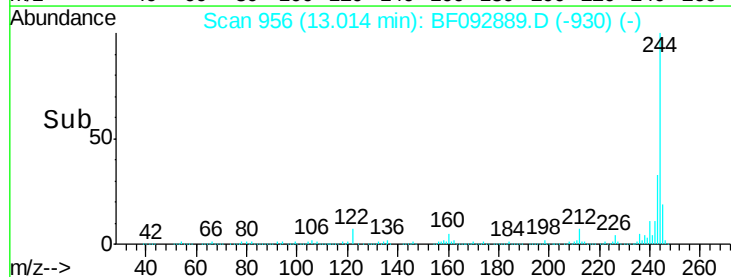
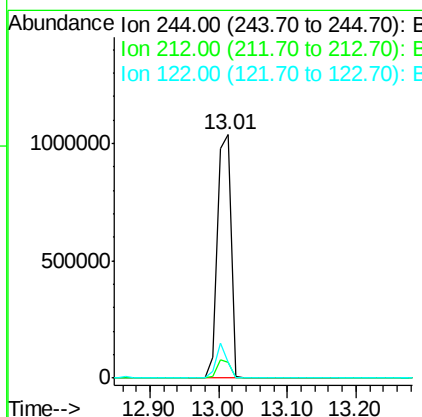
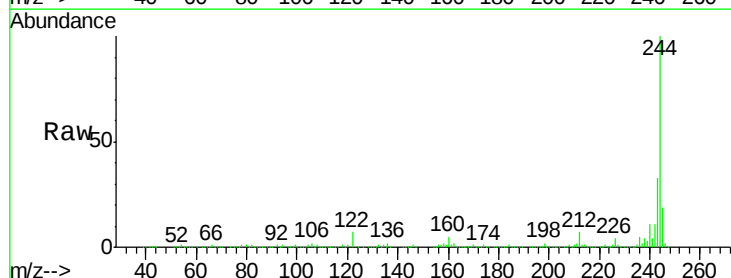
Manual Integrations
 APPROVED

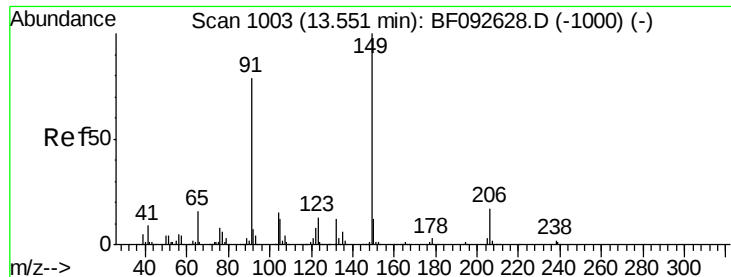
mohammad
 2/13/2017 12:40:43 PM



#78
 Terphenyl-d14
 Concen: 65.47 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	6.7	11.4	17.2





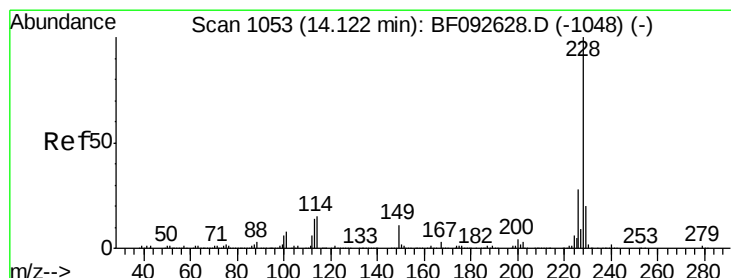
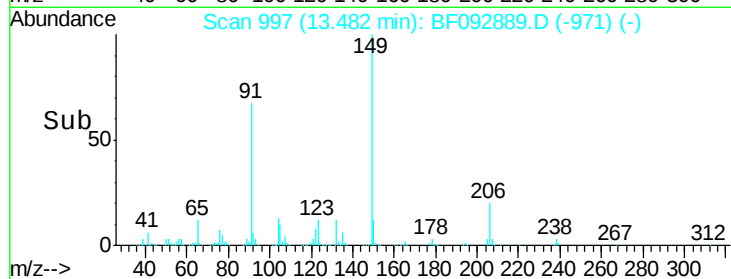
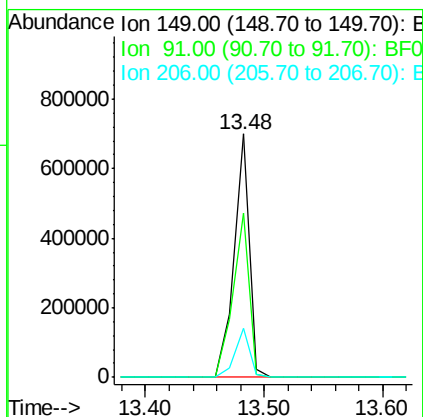
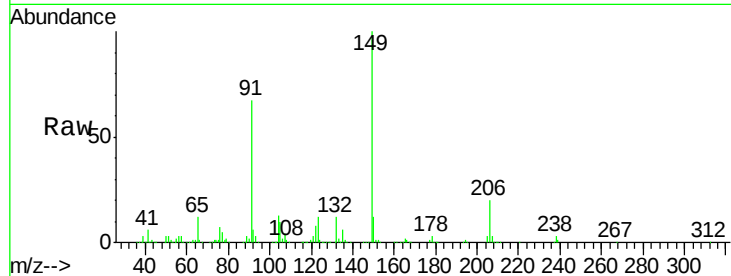
#79
Butylbenzylphthalate
Concen: 39.25 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	625166		
91	67.4	63.9	95.9	
206	20.2	14.6	21.8	

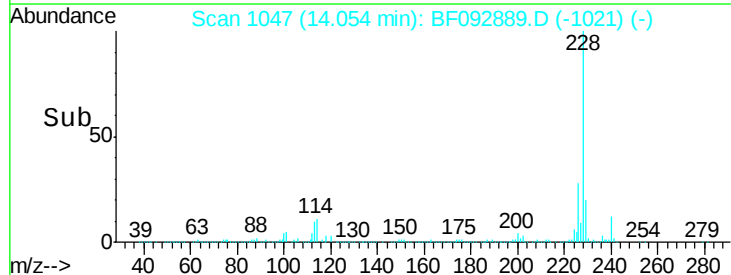
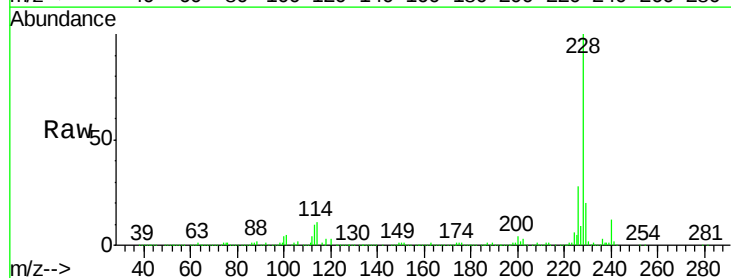
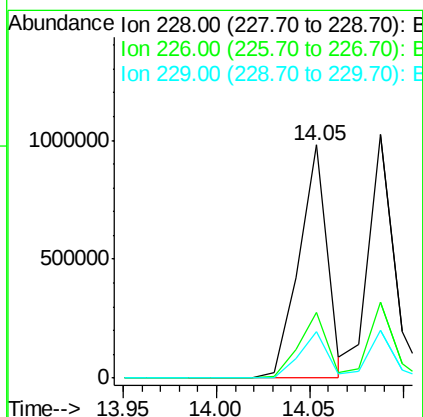
Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#80
Benzo(a)anthracene
Concen: 32.38 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1038146		
226	28.0	22.4	33.6	
229	19.9	16.2	24.4	





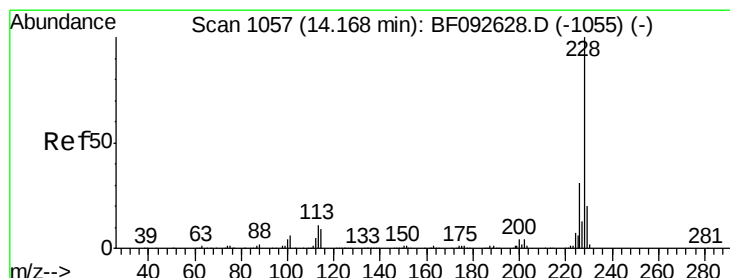
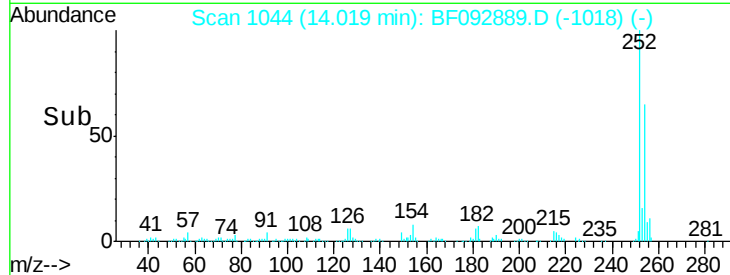
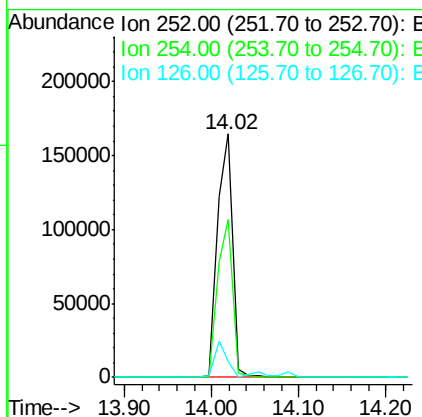
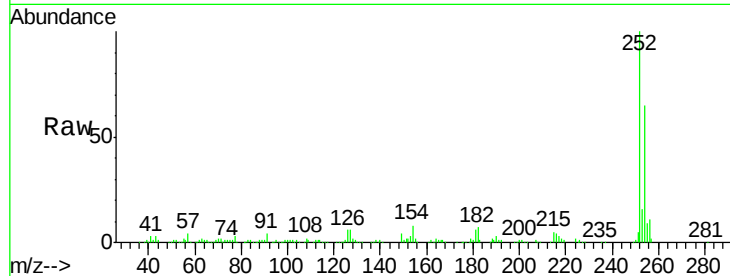
#81
 3,3'-Dichlorobenzidine
 Concen: 17.93 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	52.3	78.5
126	6.3	13.6	20.4

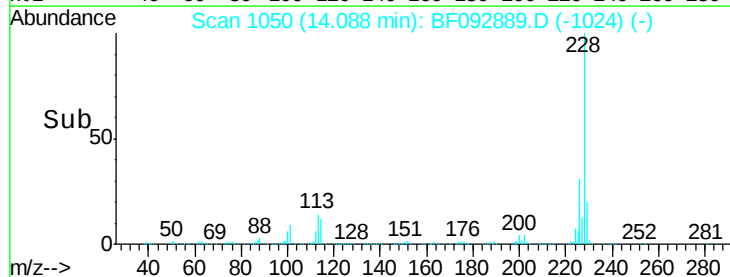
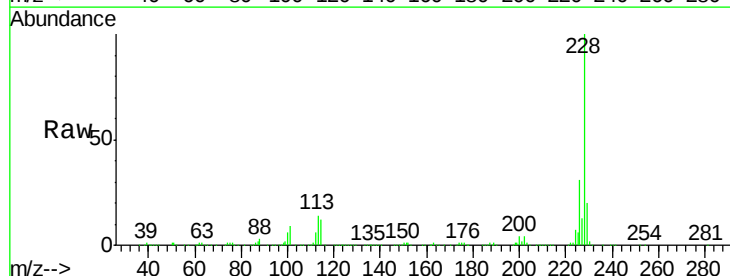
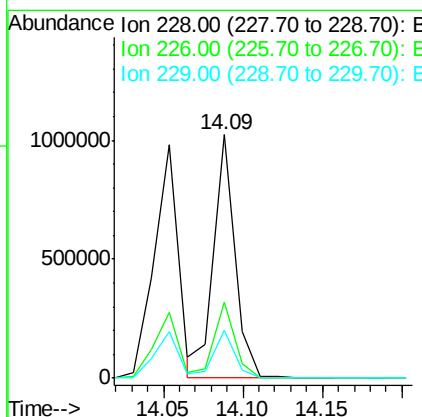
Manual Integrations
 APPROVED

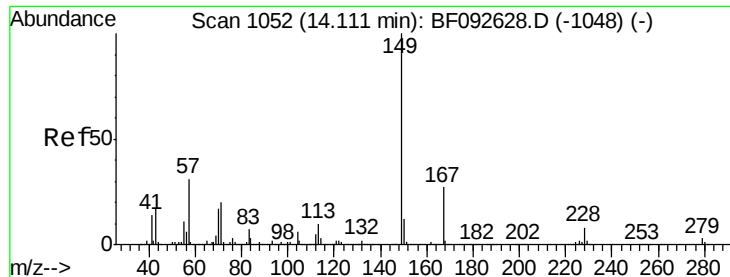
mohammad
 2/13/2017 12:40:43 PM



#82
 Chrysene
 Concen: 31.64 ng m
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.4	38.0
229	19.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.61 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

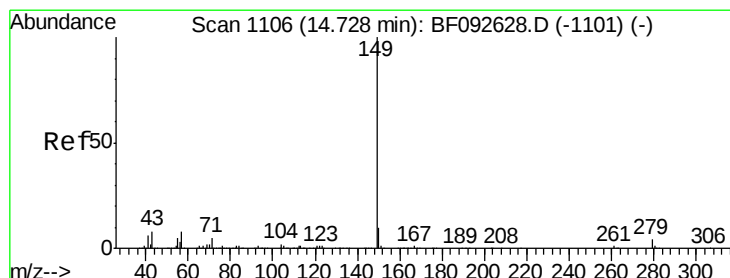
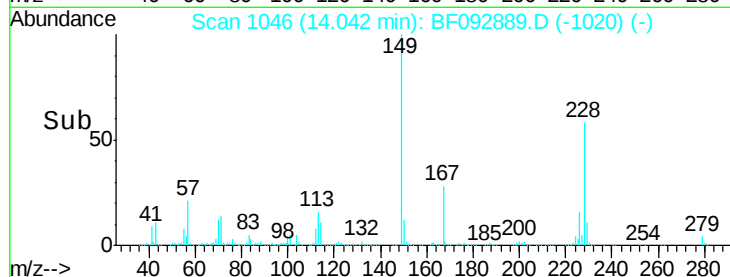
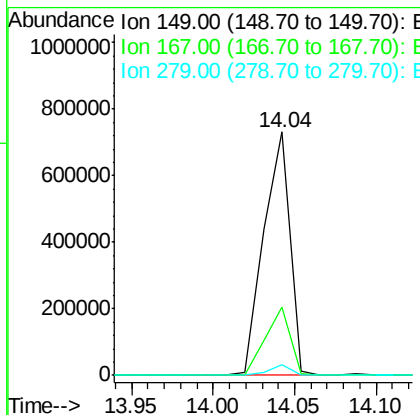
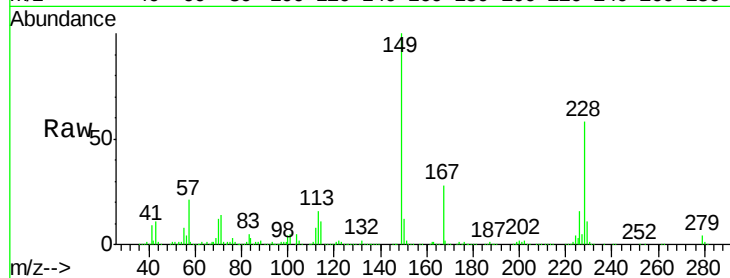
ClientSampleId :

PB96841BS

Tgt Ion:	149	Resp:	819410
Ion Ratio	Lower	Upper	
149	100		
167	27.9	20.2	30.4
279	4.2	1.8	2.8#

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#84

Di-n-octyl phthalate

Concen: 39.30 ng

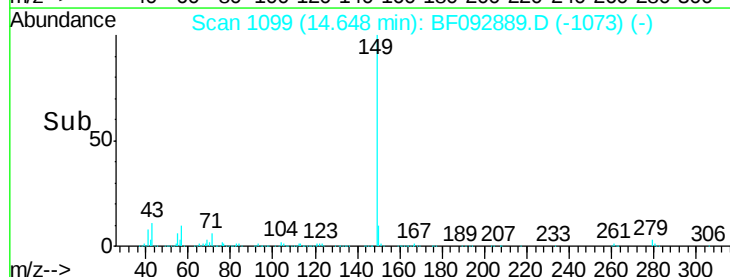
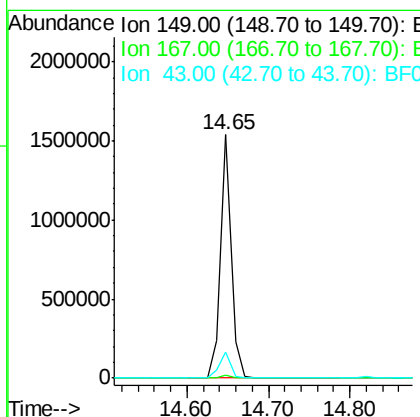
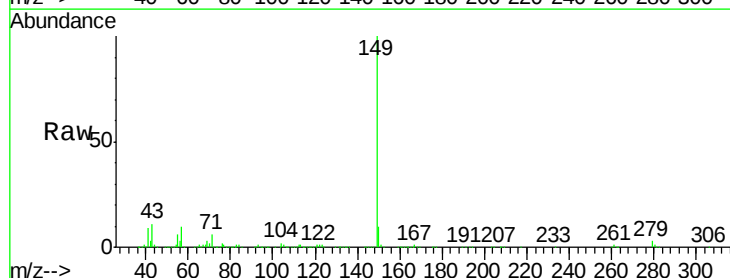
RT: 14.65 min Scan# 1099

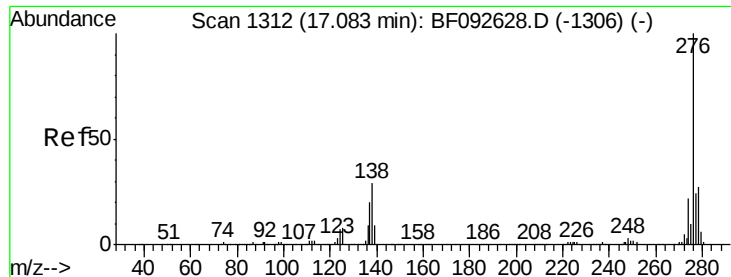
Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	149	Resp:	1394054
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.5	8.9	13.3





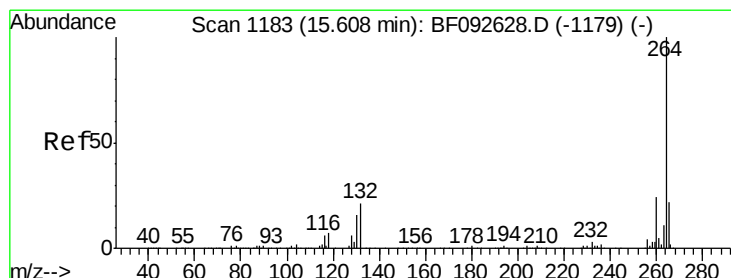
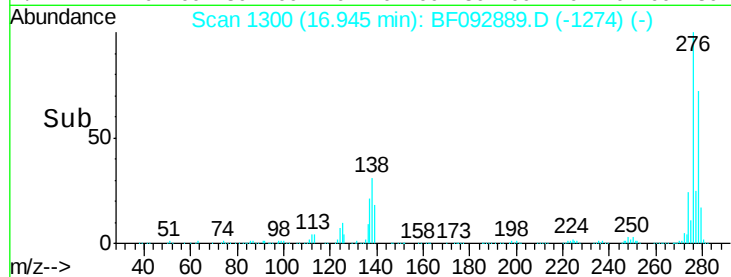
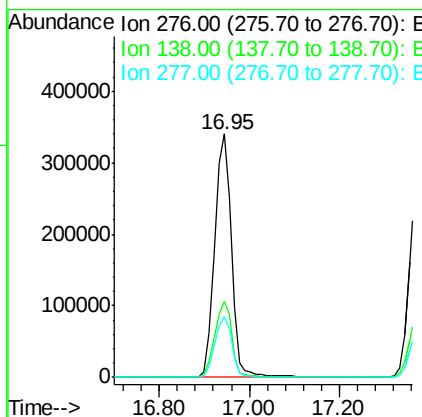
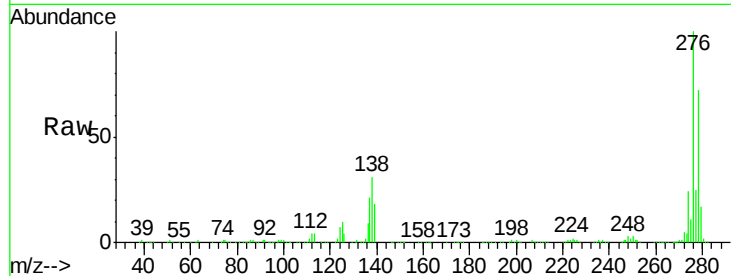
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.18 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	887608		
138	31.9	21.8	32.6	
277	25.3	20.2	30.4	

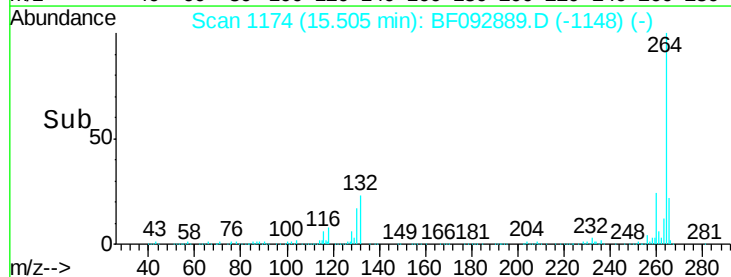
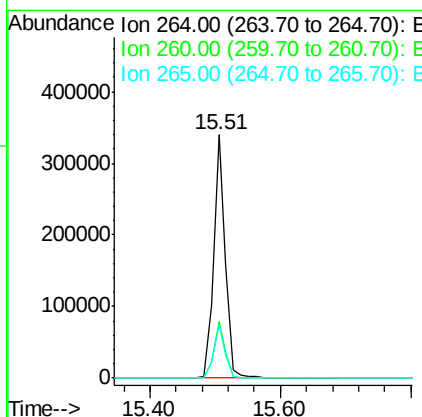
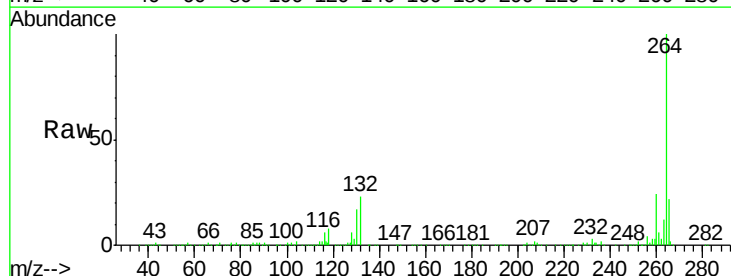
Manual Integrations
 APPROVED

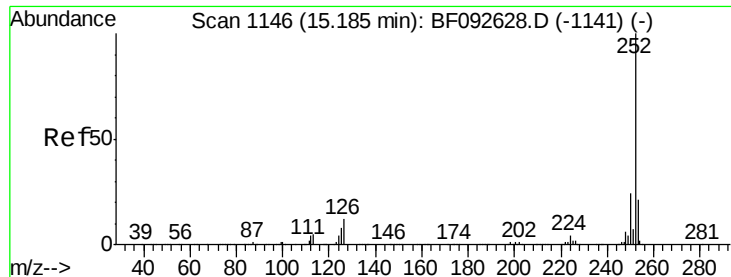
mohammad
 2/13/2017 12:40:43 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	428407		
260	23.5	19.2	28.8	
265	21.9	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 38.26 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

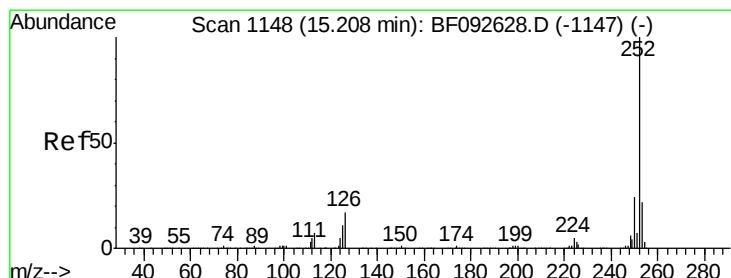
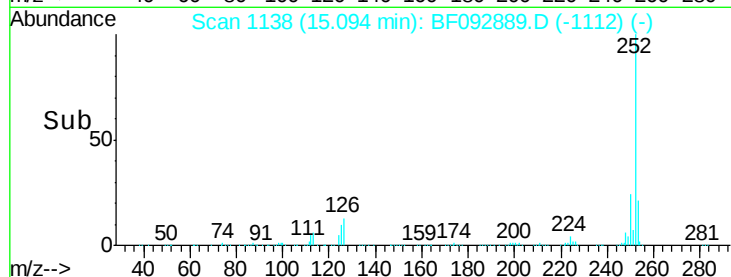
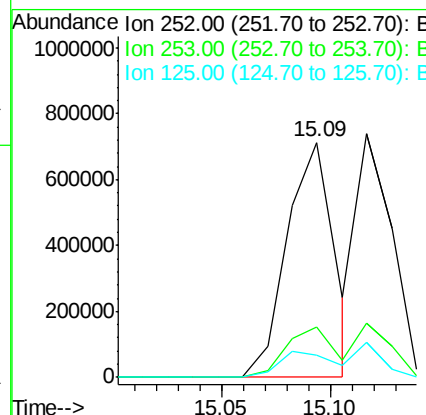
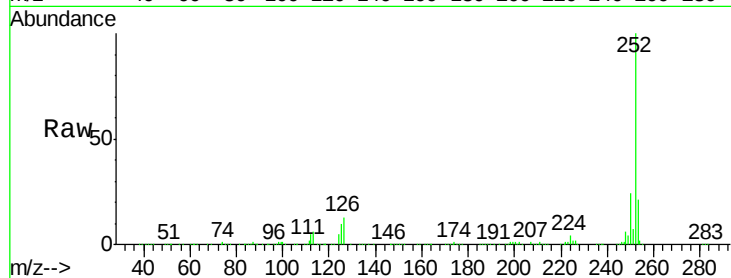
ClientSampleId :

PB96841BS

Tgt Ion:	252	Resp:	1078930
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.4
125	9.7	9.8	14.6#

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:43 PM



#88

Benzo(k)fluoranthene

Concen: 35.02 ng m

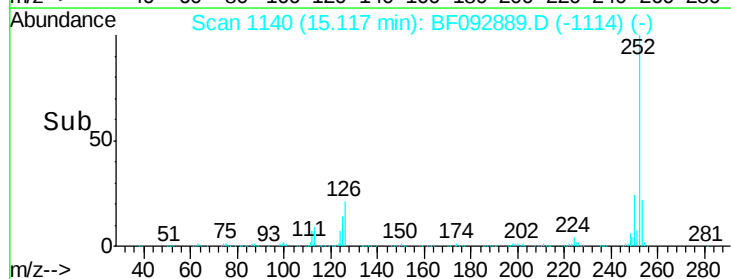
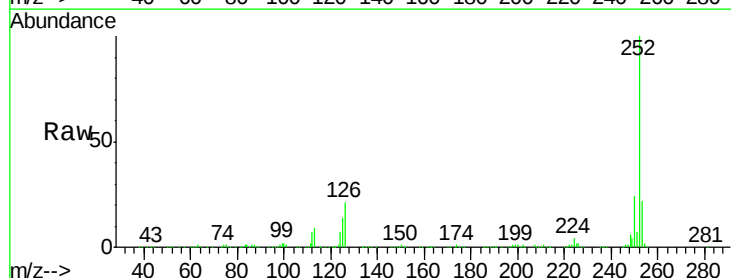
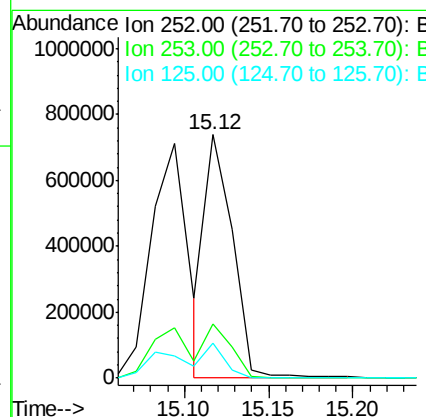
RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:	252	Resp:	852537
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	14.2	8.9	13.3#





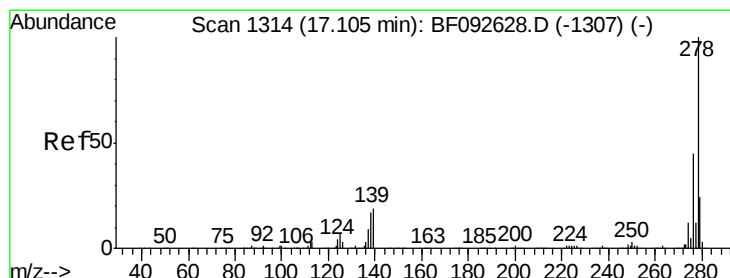
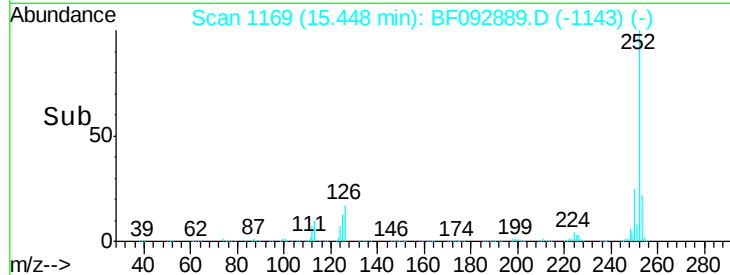
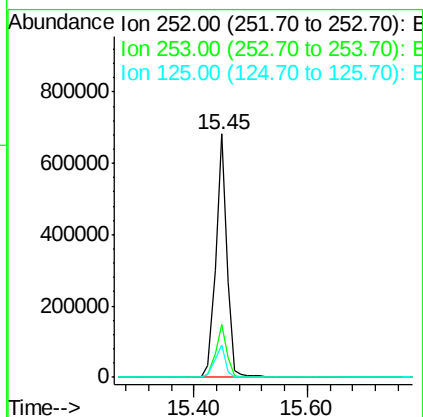
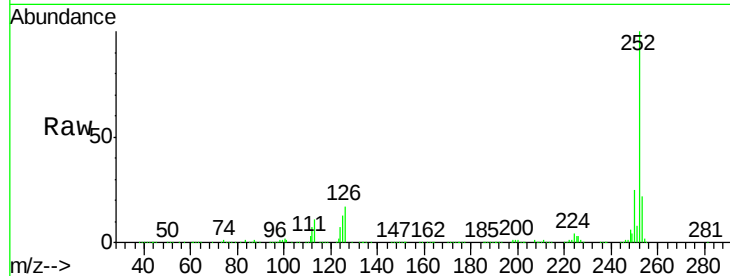
#89
Benzo(a)pyrene
Concen: 37.41 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	13.2	10.0	15.0

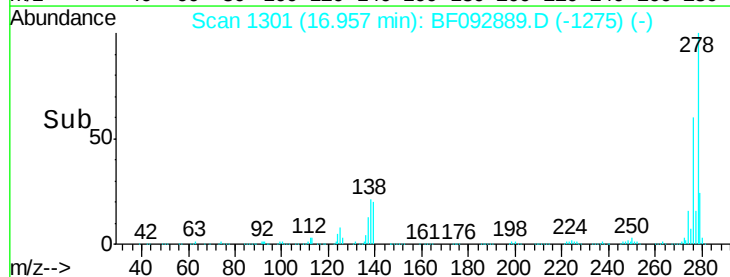
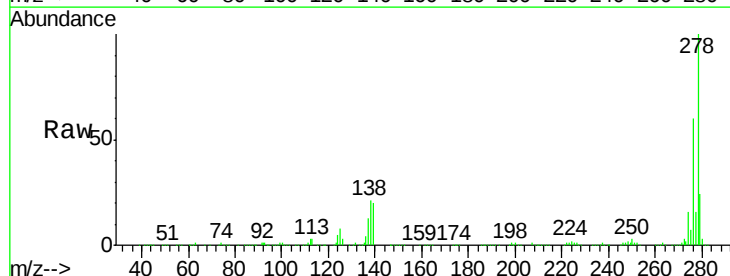
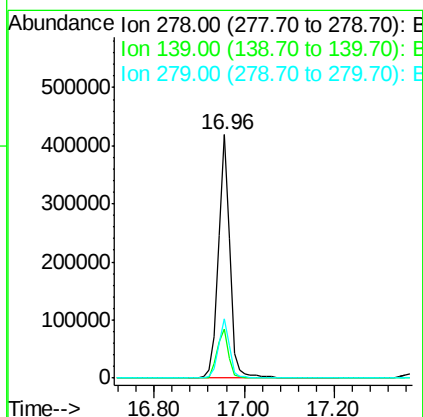
Manual Integrations
APPROVED

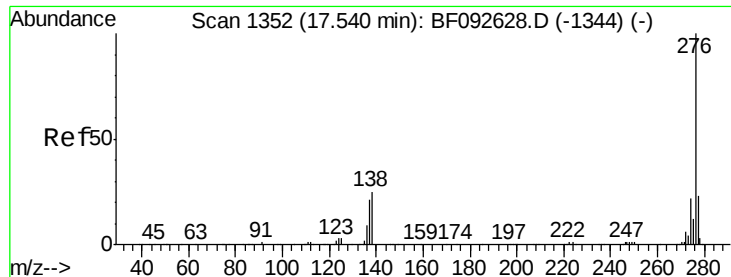
mohammad
2/13/2017 12:40:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.03 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.8	22.2
279	24.5	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 37.23 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	26.9	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:43 PM

