

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094192.D
 Acq On : 5 Apr 2017 16:34
 Operator : SJ/MA
 Sample : I2523-15MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:38:31 PM

Quant Time: Apr 06 06:41:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	169748	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	687290	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	316428	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	565838	20.00	ng	-0.05
75) Chrysene-d12	14.58	240	443851	20.00	ng	-0.05
86) Perylene-d12	16.20	264	313825	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1060086	105.48	ng	-0.03
7) Phenol-d6	5.47	99	1336409	107.49	ng	-0.04
23) Nitrobenzene-d5	6.52	82	832994	69.17	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	285447	114.16	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1526576	73.58	ng	-0.04
78) Terphenyl-d14	13.31	244	1271388	64.21	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	144319	29.89	ng	99
3) Pyridine	2.74	79	298436	22.68	ng	97
4) n-Nitrosodimethylamine	2.69	42	193557	35.75	ng	96
6) Aniline	5.49	93	473265	27.36	ng	# 34
8) 2-Chlorophenol	5.63	128	425791	38.54	ng	98
9) Benzaldehyde	5.36	77	222699	26.53	ng	96
10) Phenol	5.49	94	518490	36.65	ng	90
11) bis(2-Chloroethyl)ether	5.57	93	398216	36.02	ng	95
12) 1,3-Dichlorobenzene	5.80	146	448820	36.22	ng	100
13) 1,4-Dichlorobenzene	5.89	146	452147	36.03	ng	97
14) 1,2-Dichlorobenzene	6.06	146	421344	36.46	ng	98
15) Benzyl Alcohol	6.03	79	349009	38.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.20	45	550854	32.33	ng	96
17) 2-Methylphenol	6.17	107	345820	36.55	ng	98
18) Hexachloroethane	6.45	117	157078	35.61	ng	# 84
19) n-Nitroso-di-n-propylamine	6.35	70	288411	36.09	ng	97
20) 3+4-Methylphenols	6.36	107	453722	39.60	ng	# 64
22) Acetophenone	6.34	105	588067	38.39	ng	# 87
24) Nitrobenzene	6.54	77	431001	36.29	ng	90
25) Isophorone	6.83	82	771088	36.44	ng	# 94
26) 2-Nitrophenol	6.91	139	234234	41.35	ng	96
27) 2,4-Dimethylphenol	6.98	122	374605	38.38	ng	99
28) bis(2-Chloroethoxy)methane	7.09	93	500867	35.89	ng	99
29) 2,4-Dichlorophenol	7.21	162	364480	39.94	ng	99
30) 1,2,4-Trichlorobenzene	7.30	180	353910	37.65	ng	98
31) Naphthalene	7.39	128	1194224	36.14	ng	100
33) 4-Chloroaniline	7.46	127	433269	32.35	ng	# 94
34) Hexachlorobutadiene	7.55	225	175734	36.46	ng	99
35) Caprolactam	7.90	113	110123m	37.84	ng	
36) 4-Chloro-3-methylphenol	8.07	107	378656	39.71	ng	88
37) 2-Methylnaphthalene	8.24	142	835920	37.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	304041	35.12	ng	99
40) Hexachlorocyclopentadiene	8.43	237	287652	71.01	ng	99
42) 2,4,6-Trichlorophenol	8.59	196	238430	38.93	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094192.D
 Acq On : 5 Apr 2017 16:34
 Operator : SJ/MA
 Sample : I2523-15MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:38:31 PM

Quant Time: Apr 06 06:41:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.64	196	247477	37.34	nq	95
45) 1,1'-Biphenyl	8.81	154	935141	36.64	nq	98
46) 2-Chloronaphthalene	8.83	162	742698	37.17	nq	93
47) 2-Nitroaniline	8.96	65	227037	38.31	nq	87
48) Acenaphthylene	9.33	152	1177351	35.46	nq	99
49) Dimethylphthalate	9.20	163	984882	43.79	nq	98
50) 2,6-Dinitrotoluene	9.26	165	199959	38.78	nq	# 86
51) Acenaphthene	9.55	154	700036	36.13	nq	100
52) 3-Nitroaniline	9.47	138	203158	33.55	nq	85
53) 2,4-Dinitrophenol	9.60	184	37320	17.40	nq	# 71
54) Dibenzofuran	9.76	168	1003748	38.06	nq	99
55) 4-Nitrophenol	9.71	139	321469	67.80	nq	# 70
56) 2,4-Dinitrotoluene	9.76	165	242199	37.39	nq	# 69
57) Fluorene	10.19	166	781488	35.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	173915	38.25	nq	98
59) Diethylphthalate	10.07	149	844622	37.99	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	337446	36.22	nq	89
61) 4-Nitroaniline	10.22	138	225698	38.85	nq	96
62) Azobenzene	10.39	77	818165	38.90	nq	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	57388	16.56	nq	# 68
65) n-Nitrosodiphenylamine	10.34	169	722134	36.90	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	205528	36.93	nq	96
67) Hexachlorobenzene	10.86	284	209892	37.26	nq	# 89
68) Atrazine	11.01	200	213251	36.38	nq	95
69) Pentachlorophenol	11.11	266	134219	38.28	nq	98
70) Phenanthrene	11.36	178	1137053	36.12	nq	98
71) Anthracene	11.43	178	1184925	36.56	nq	98
72) Carbazole	11.63	167	1108528	33.36	nq	98
73) Di-n-butylphthalate	12.08	149	1307659	37.84	nq	99
74) Fluoranthene	12.82	202	1177915	36.55	nq	99
76) Benzidine	12.99	184	353250	20.11	nq	# 92
77) Pyrene	13.10	202	1182443	36.71	nq	99
79) Butylbenzylphthalate	13.92	149	553094	40.30	nq	# 85
80) Benzo(a)anthracene	14.57	228	957579	37.00	nq	98
81) 3,3'-Dichlorobenzidine	14.54	252	263054	28.43	nq	# 96
82) Chrysene	14.62	228	849468	35.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	745173	39.80	nq	# 99
84) Di-n-octyl phthalate	15.39	149	1151279	36.80	nq	98
85) Indeno(1,2,3-cd)pyrene	17.53	276	654262	31.45	nq	99
87) Benzo(b)fluoranthene	15.80	252	744507	38.70	nq	100
88) Benzo(k)fluoranthene	15.83	252	697718	37.07	nq	# 95
89) Benzo(a)pyrene	16.14	252	653187	36.87	nq	98
90) Dibenzo(a,h)anthracene	17.55	278	544210	36.28	nq	97
91) Benzo(g,h,i)perylene	17.93	276	558580	36.95	nq	95

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

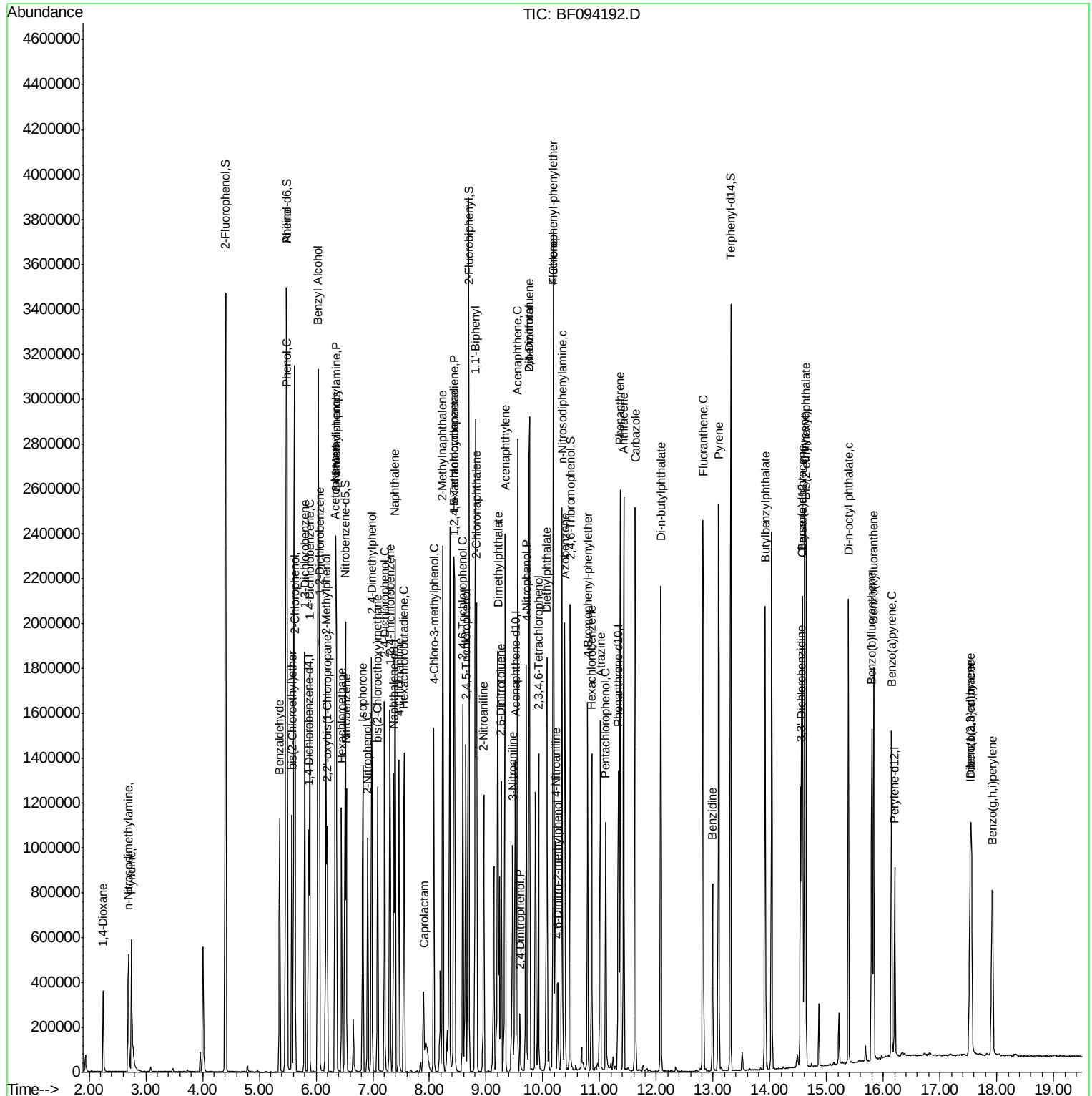
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094192.D
Acq On : 5 Apr 2017 16:34
Operator : SJ/MA
Sample : I2523-15MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

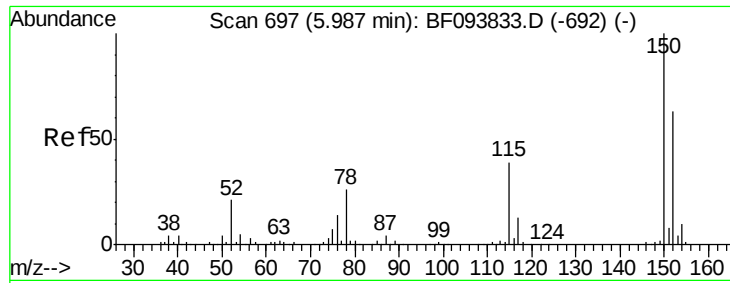
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM

Quant Time: Apr 06 06:41:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

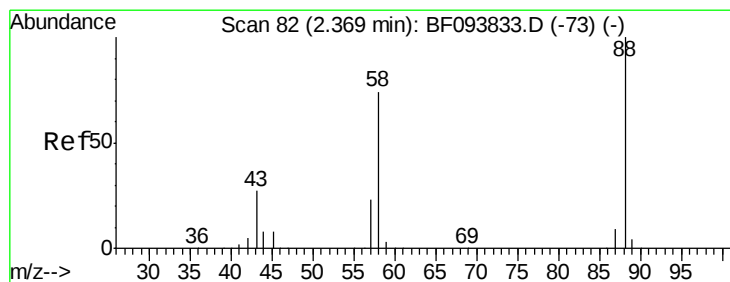
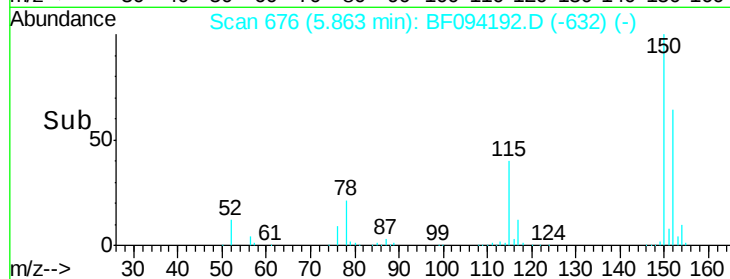
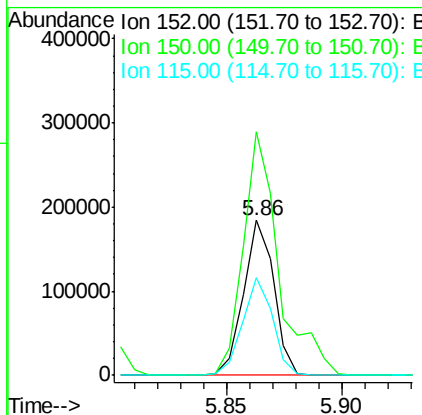
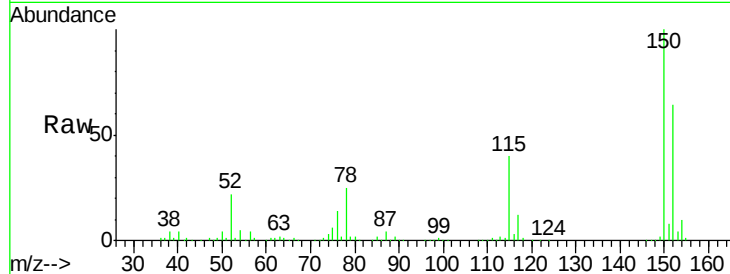
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	62.9	52.2	78.2

Manual Integrations
APPROVED

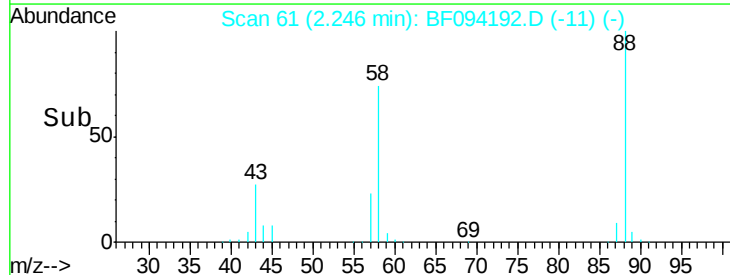
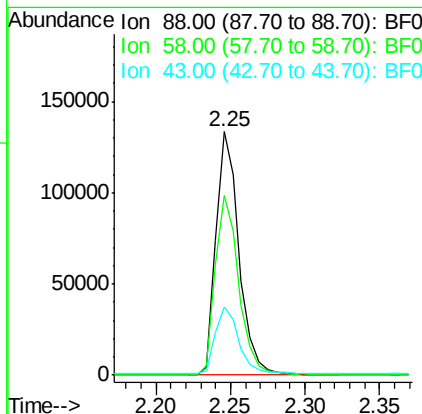
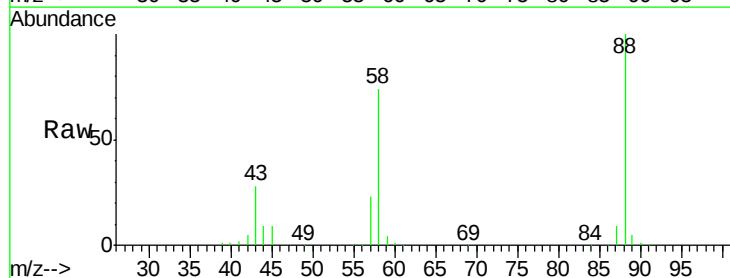
mohammad
4/6/2017 3:38:31 PM

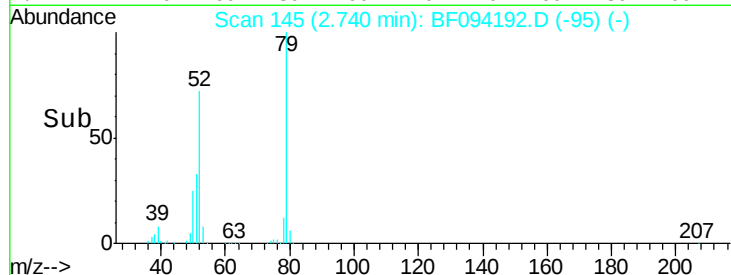
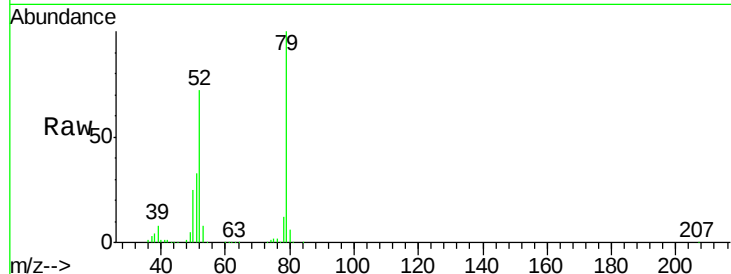
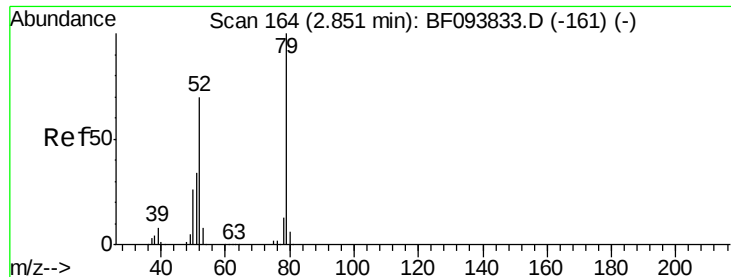


#2

1,4-Dioxane
Concen: 29.89 ng
RT: 2.25 min Scan# 61
Delta R.T. -0.01 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	61.4	92.0
43	29.0	23.4	35.0





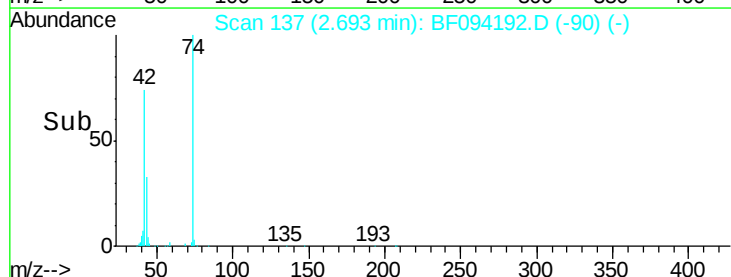
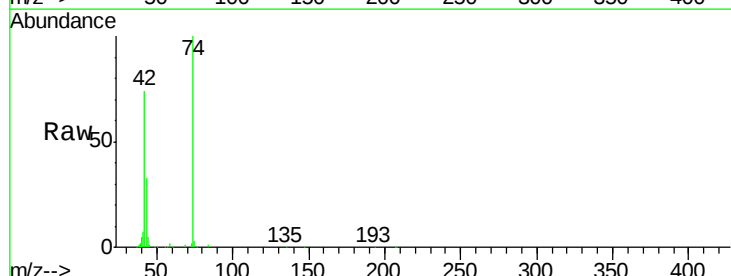
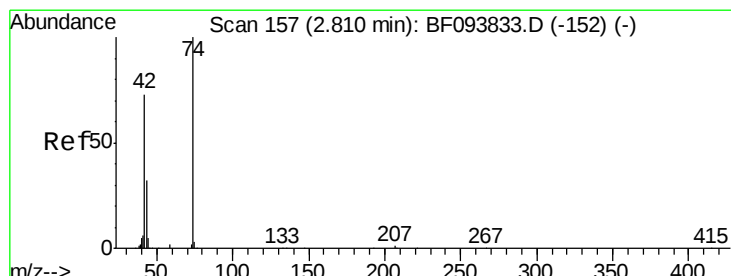
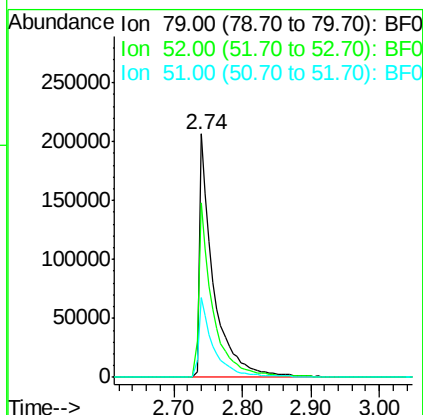
#3
 Pvridine
 Concen: 22.68 ng
 RT: 2.74 min Scan# 145
 Delta R.T. -0.01 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tot Ion	Ratio	Resp	Lower	Upper
79	100	298436		
52	71.9		54.8	82.2
51	32.7		27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

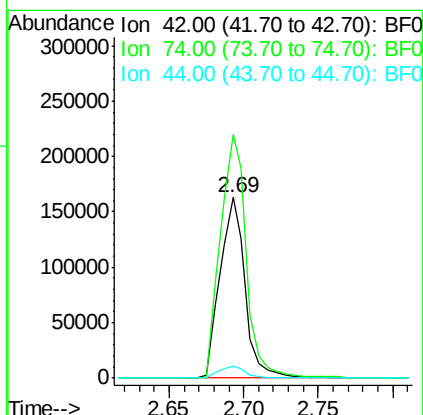
Manual Integrations
 APPROVED

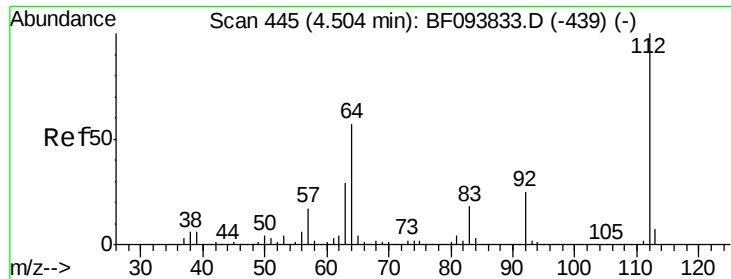
mohammad
 4/6/2017 3:38:31 PM



#4
 n-Nitrosodimethylamine
 Concen: 35.75 ng
 RT: 2.69 min Scan# 137
 Delta R.T. -0.02 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	193557		
74	135.1		103.9	155.9
44	6.3		5.7	8.5





#5

2-Fluorophenol

Concen: 105.48 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

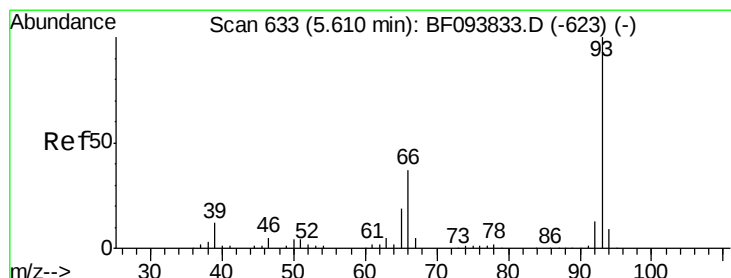
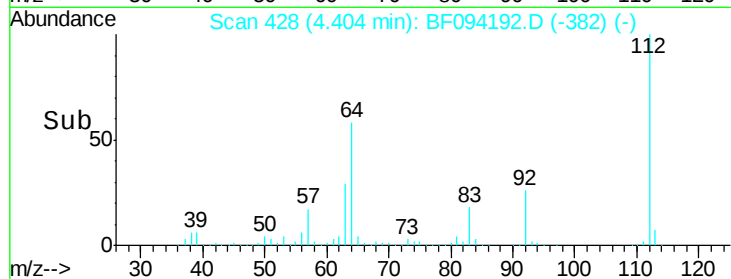
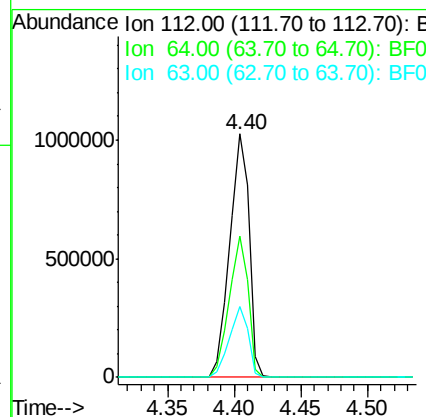
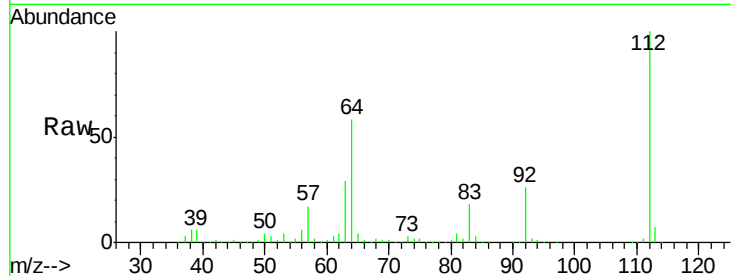
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:	112	Resp:	1060086
Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	29.0	23.4	35.0

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#6

Aniline

Concen: 27.36 ng

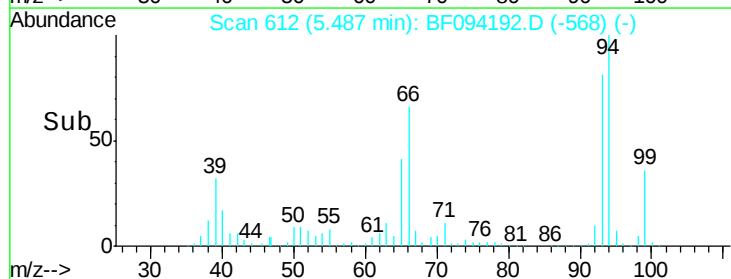
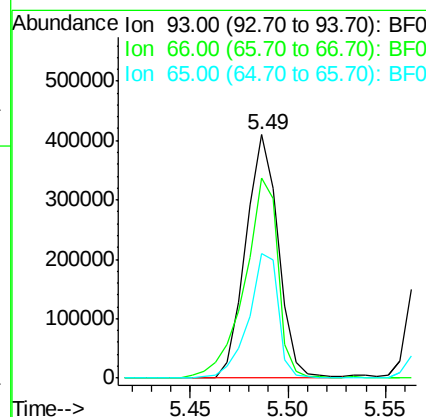
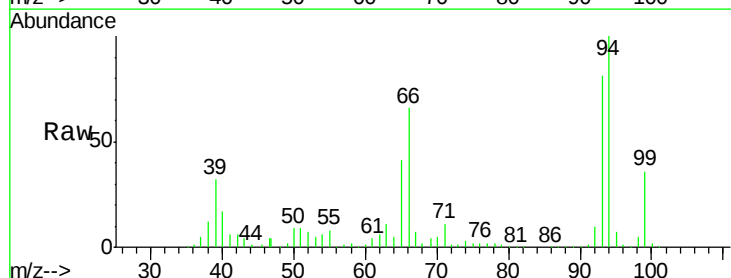
RT: 5.49 min Scan# 612

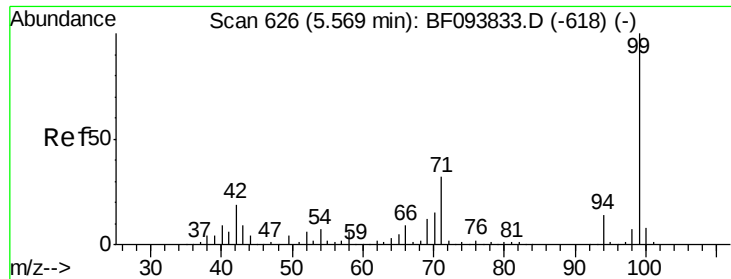
Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion:	93	Resp:	473265
Ion	Ratio	Lower	Upper
93	100		
66	82.2	32.9	49.3#
65	51.0	16.0	24.0#





#7

Phenol-d6

Concen: 107.49 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion: 99 Resp: 1336409

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

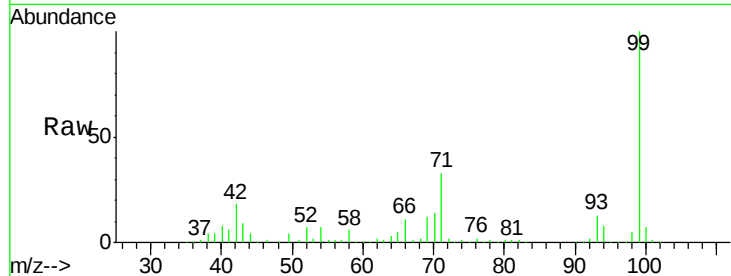
71 32.8 24.5 36.7

Manual Integrations

APPROVED

mohammad

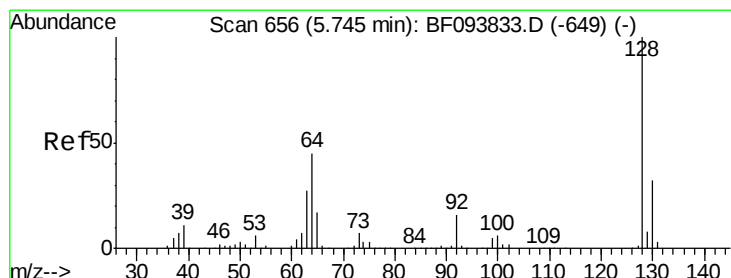
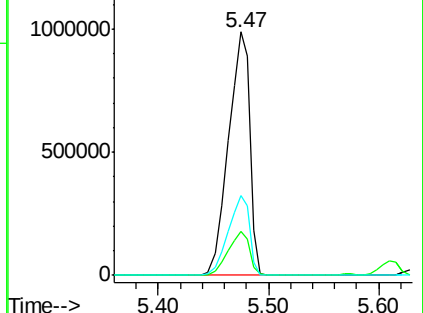
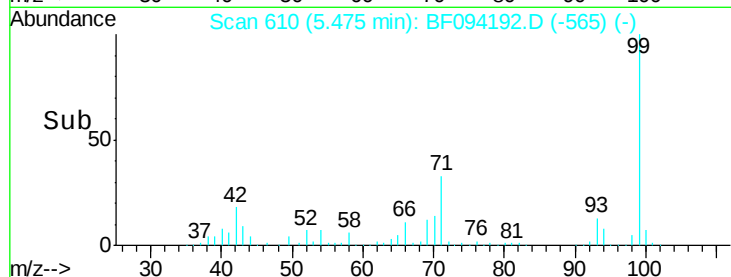
4/6/2017 3:38:31 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.54 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

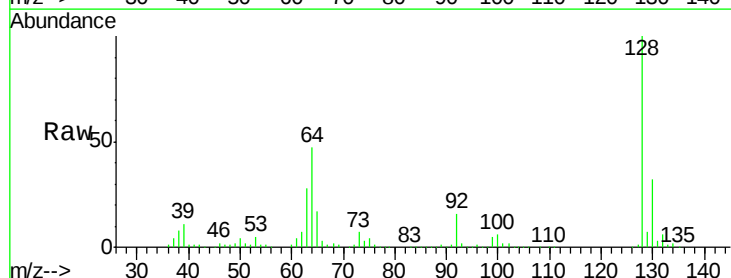
Tgt Ion: 128 Resp: 425791

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

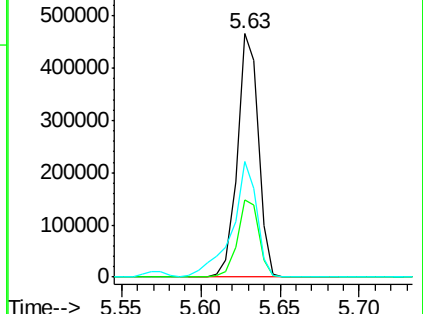
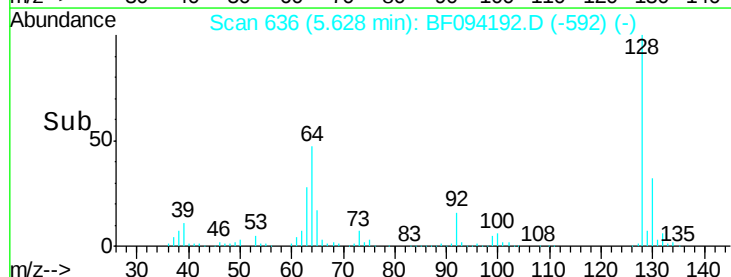
64 47.5 28.4 68.4

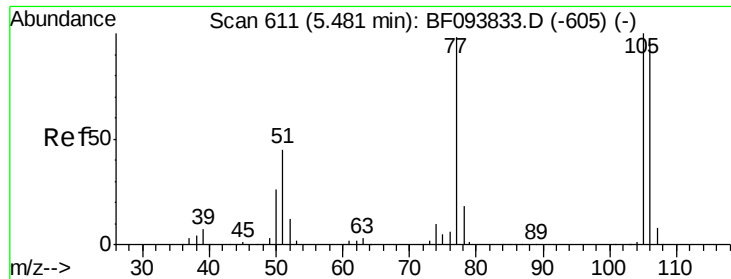


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





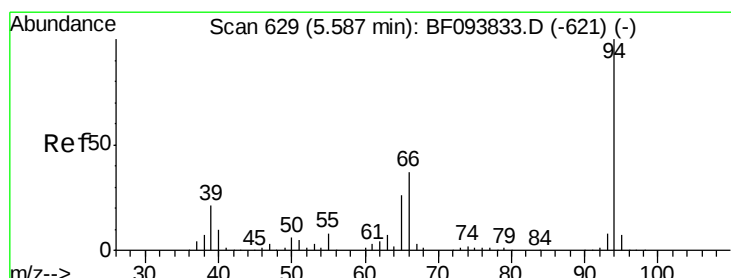
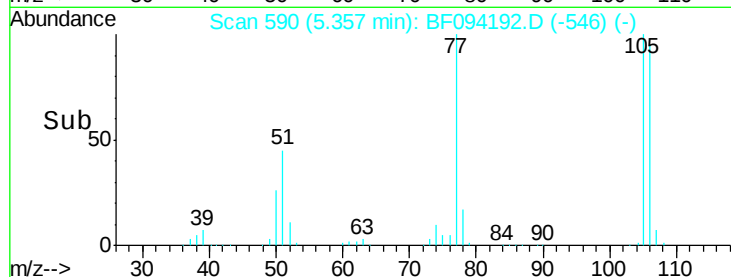
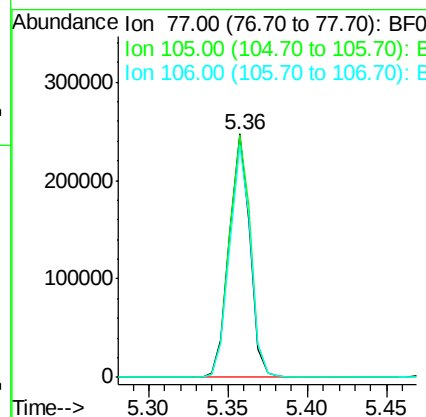
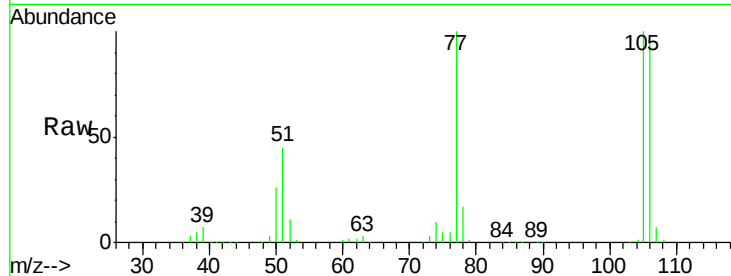
#9
Benzaldehyde
Concen: 26.53 ng
RT: 5.36 min Scan# 590
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	83.8	123.8
106	95.3	79.1	119.1

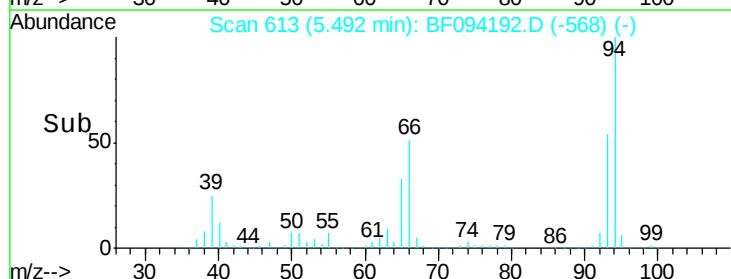
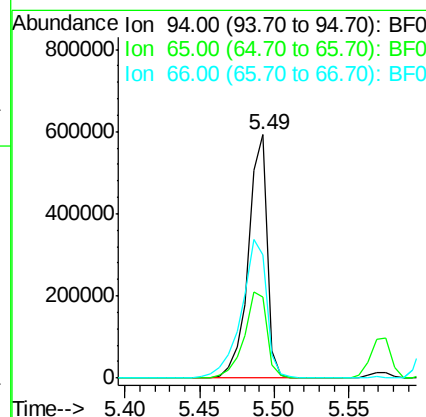
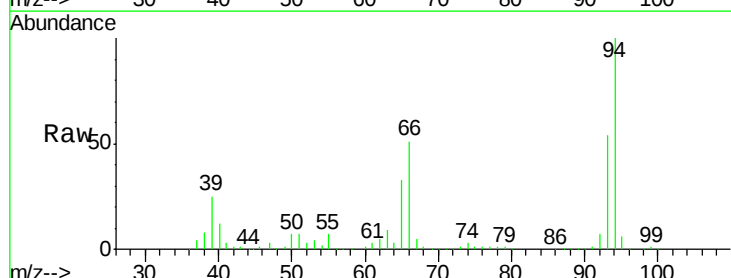
Manual Integrations
APPROVED

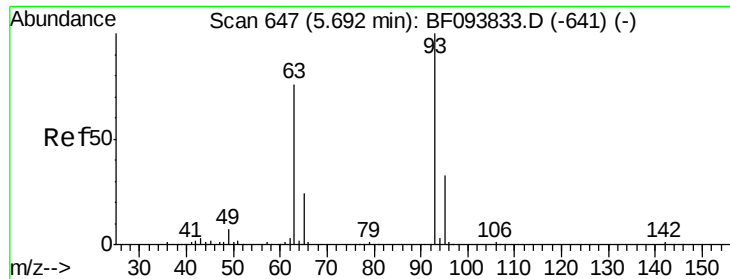
mohammad
4/6/2017 3:38:31 PM



#10
Phenol
Concen: 36.65 ng
RT: 5.49 min Scan# 613
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	9.9	49.9
66	50.9	23.1	63.1





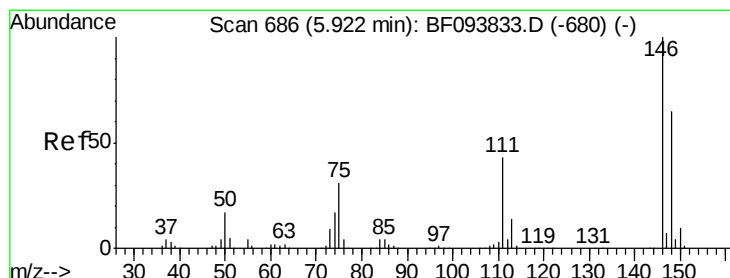
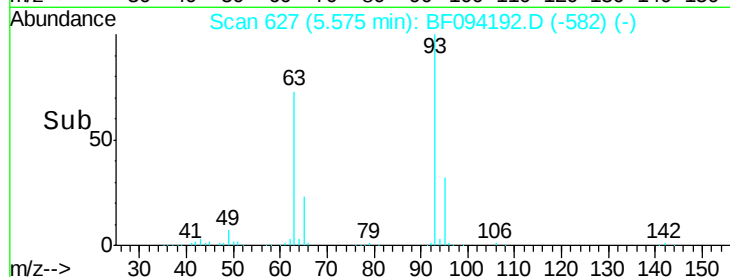
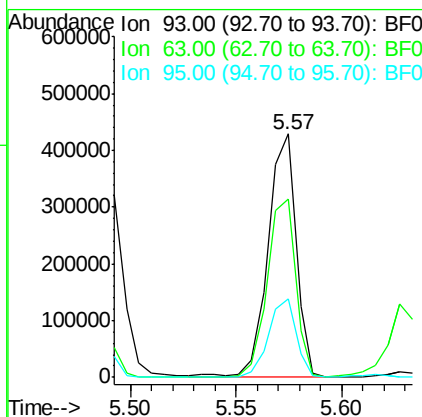
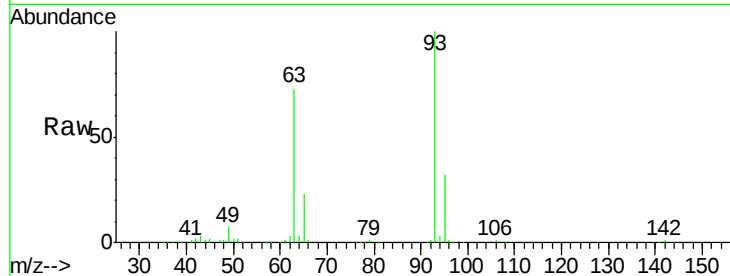
#11
bis(2-Chloroethyl)ether
Concen: 36.02 ng
RT: 5.57 min Scan# 627
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion:	93	Resp:	398216
Ion	Ratio	Lower	Upper
93	100		
63	73.4	59.2	99.2
95	32.1	12.8	52.8

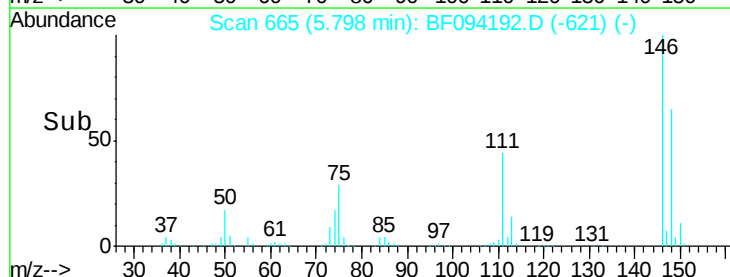
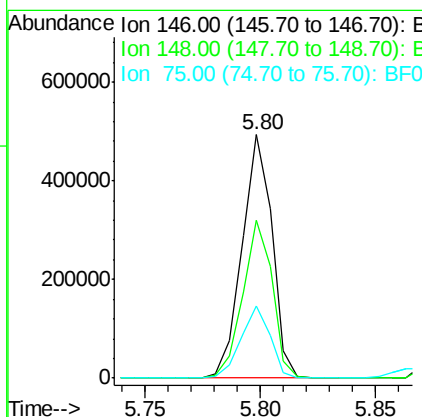
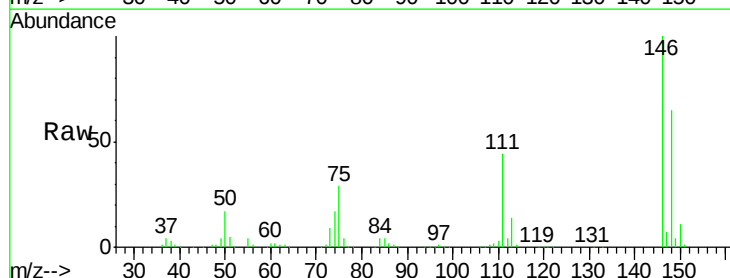
Manual Integrations
APPROVED

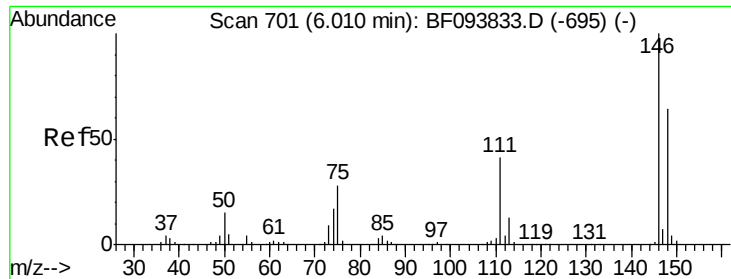
mohammad
4/6/2017 3:38:31 PM



#12
1,3-Dichlorobenzene
Concen: 36.22 ng
RT: 5.80 min Scan# 665
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:	146	Resp:	448820
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
75	29.4	23.1	34.7





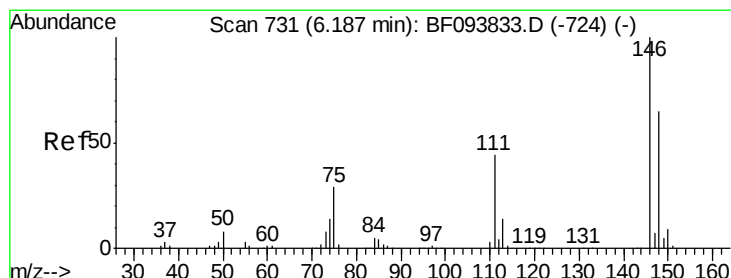
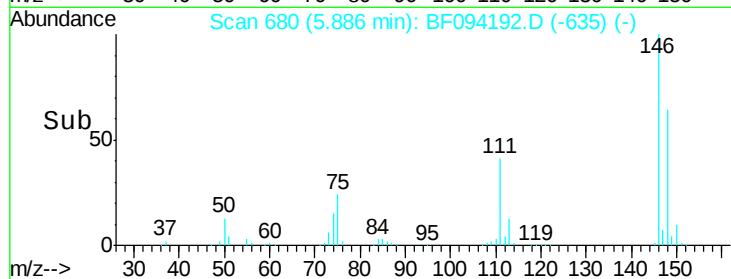
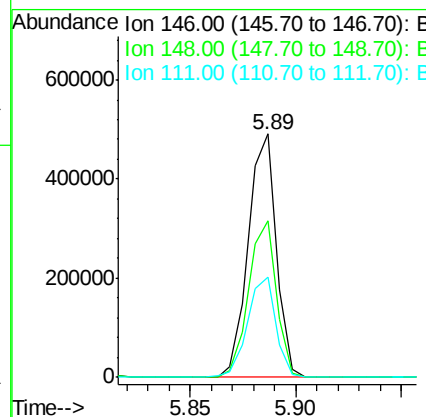
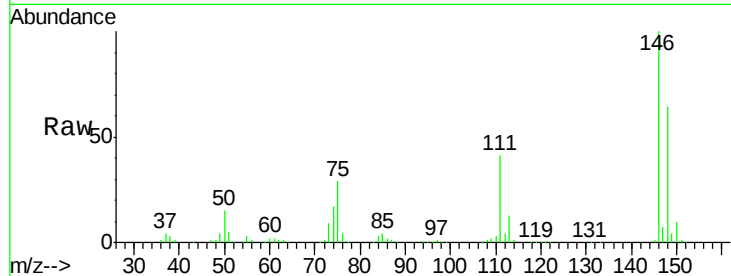
#13
 1,4-Dichlorobenzene
 Concen: 36.03 ng
 RT: 5.89 min Scan# 680
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.0	30.3	45.5

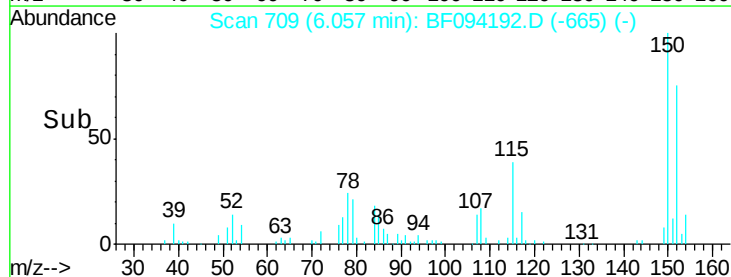
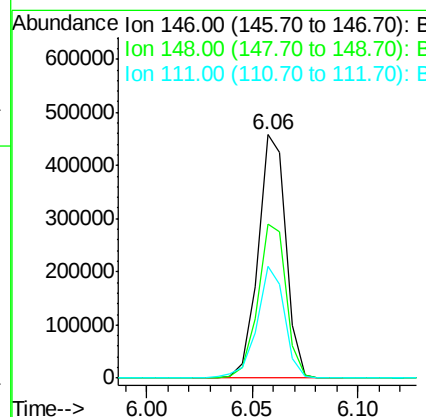
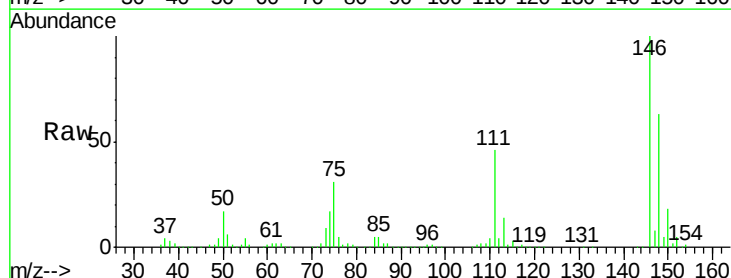
Manual Integrations
 APPROVED

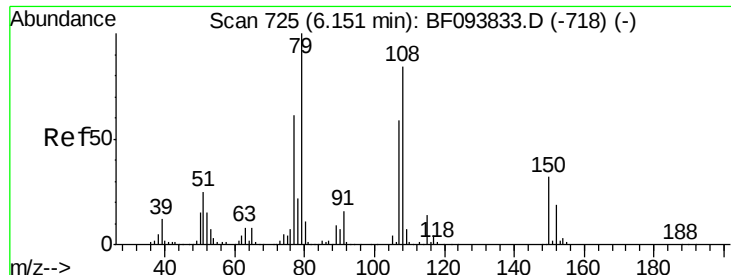
mohammad
 4/6/2017 3:38:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.46 ng
 RT: 6.06 min Scan# 709
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	45.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 38.35 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion: 79 Resp: 349009

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

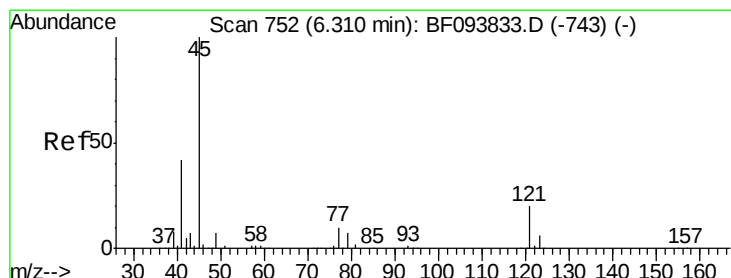
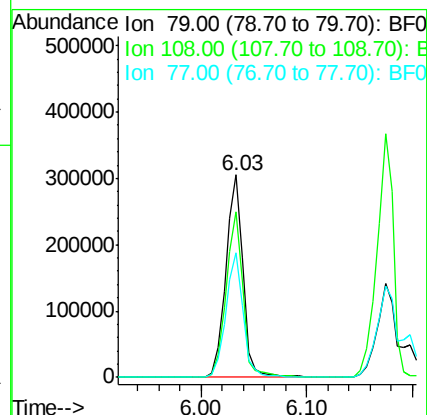
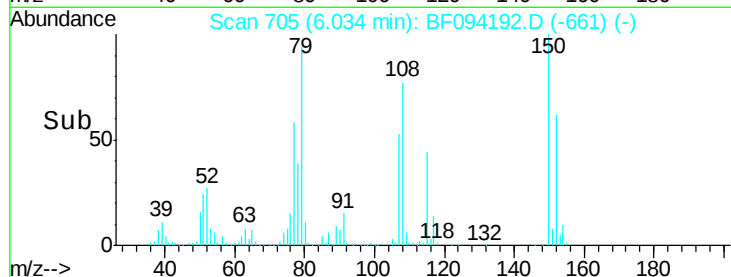
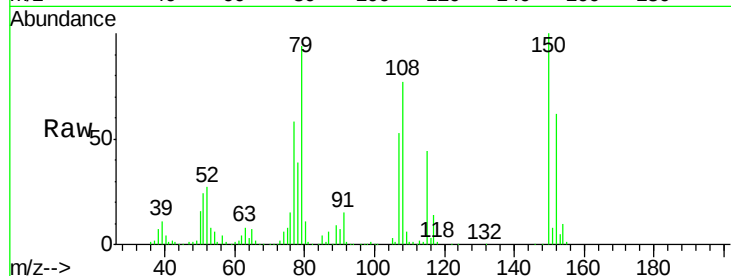
77 61.4 49.2 73.8

Manual Integrations

APPROVED

mohammad

4/6/2017 3:38:31 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.33 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

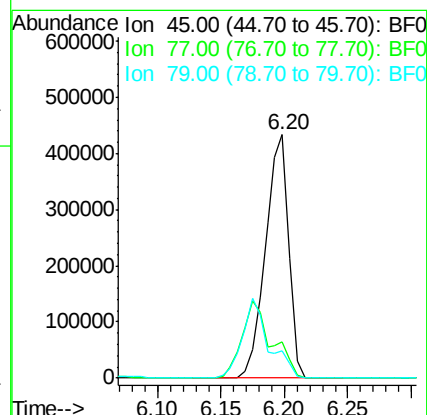
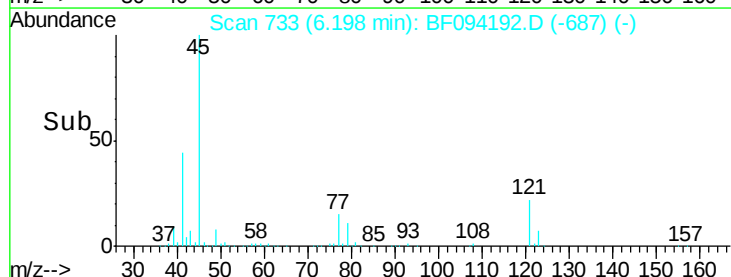
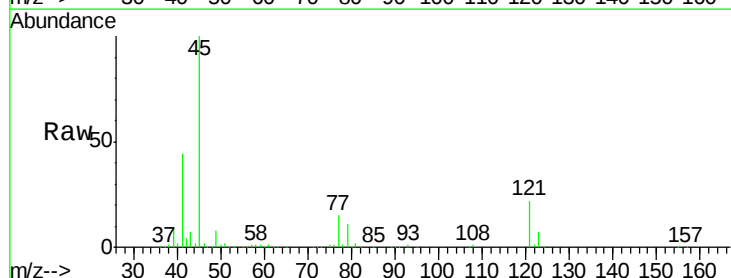
Tgt Ion: 45 Resp: 550854

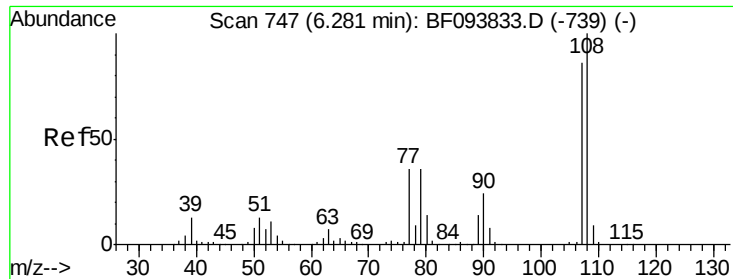
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 11.4 0.0 30.0





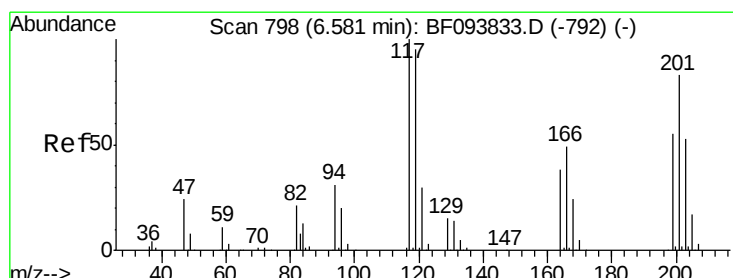
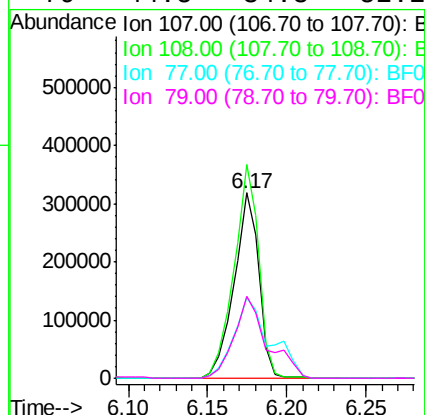
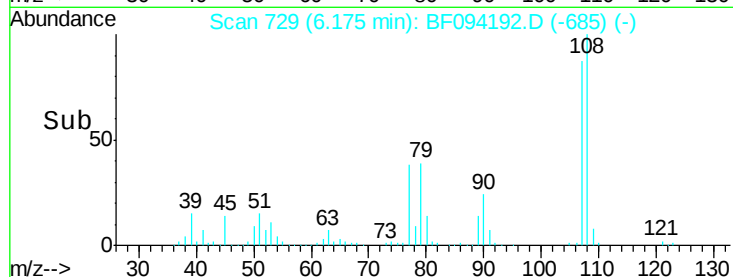
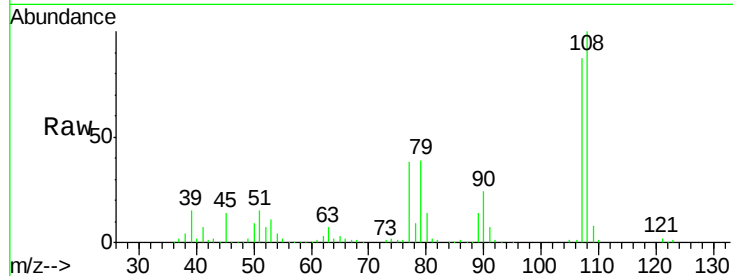
#17
2-Methylphenol
Concen: 36.55 ng
RT: 6.17 min Scan# 729
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.2	93.4	140.0	
77	77	43.4	35.8	53.6	
79	79	44.5	34.8	52.2	

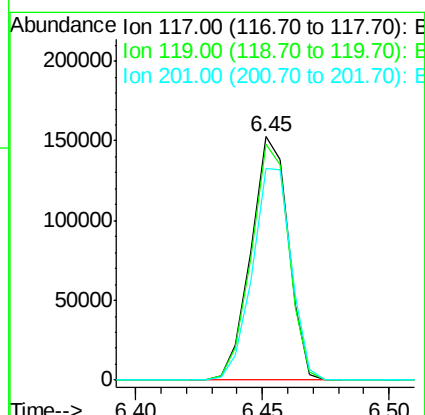
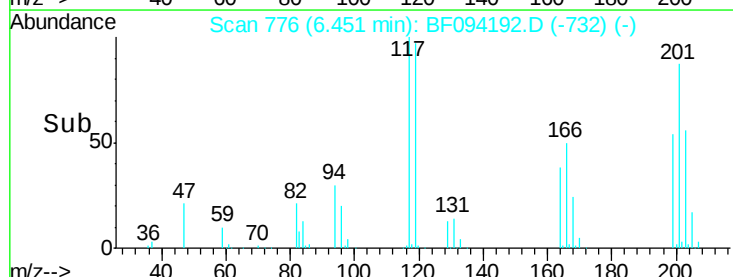
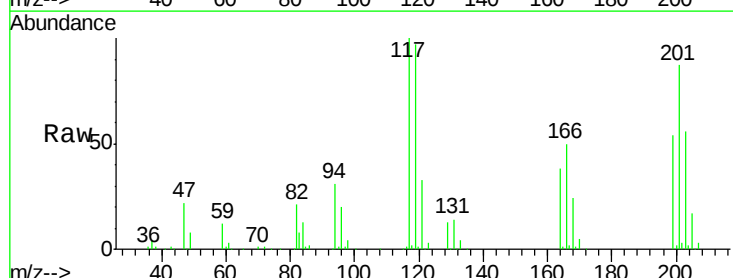
Manual Integrations
APPROVED

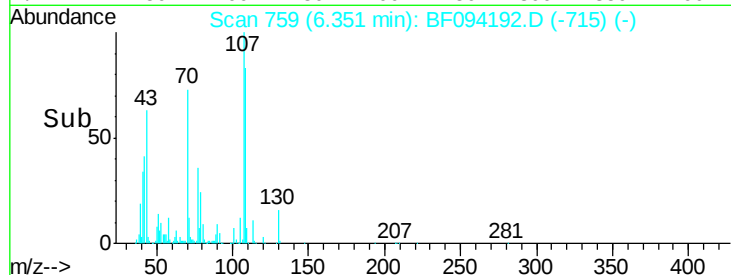
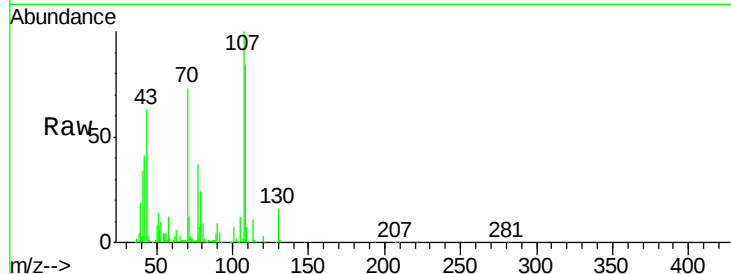
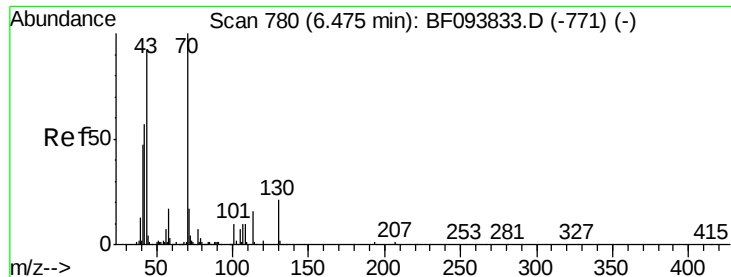
mohammad
4/6/2017 3:38:31 PM



#18
Hexachloroethane
Concen: 35.61 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	97.0	77.4	116.0	
201	201	87.0	94.6	141.8#	





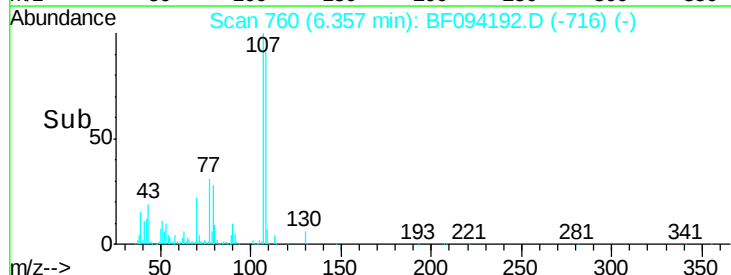
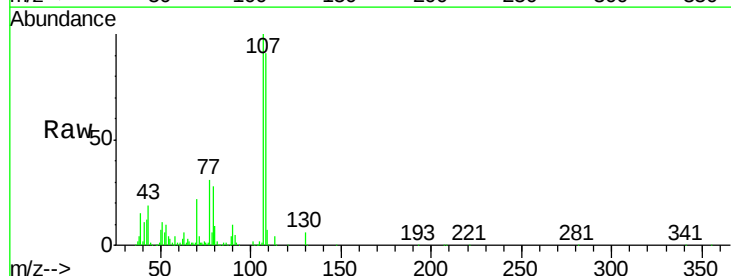
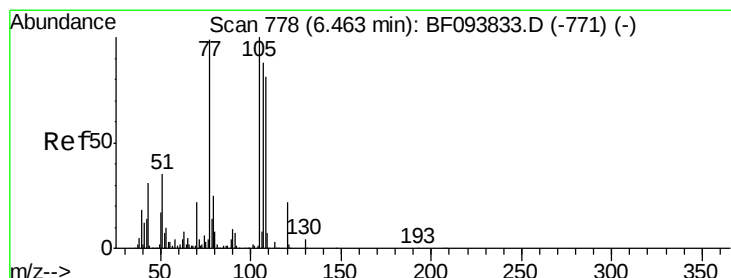
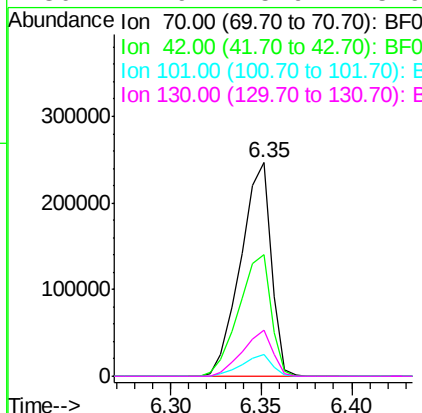
#19
n-Nitroso-di-n-propylamine
Concen: 36.09 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		288411		
42	57.0	47.2	70.8		
101	9.9	7.2	10.8		
130	21.9	15.9	23.9		

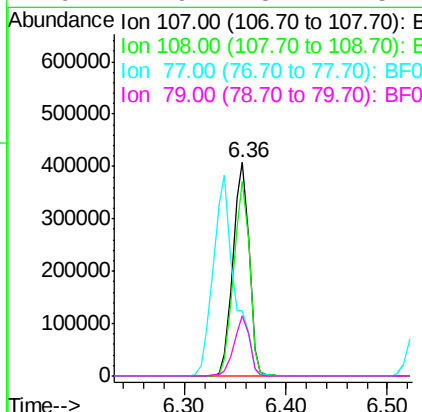
Manual Integrations
APPROVED

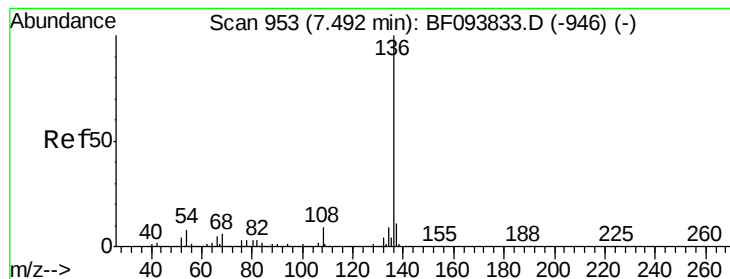
mohammad
4/6/2017 3:38:31 PM



#20
3+4-Methylphenols
Concen: 39.60 ng
RT: 6.36 min Scan# 760
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		453722		
108	91.0	71.0	111.0		
77	30.8	90.5	130.5#		
79	27.9	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

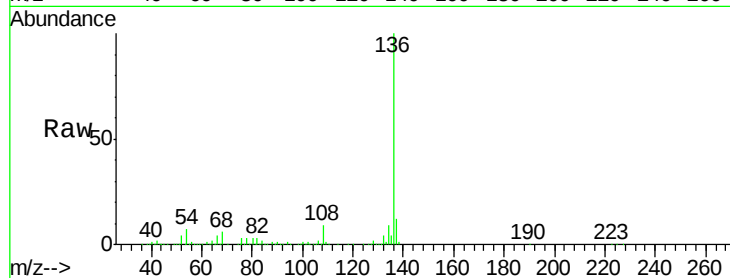
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	687290		
137	11.6		8.5	12.7
54	7.1		4.9	7.3
68	5.9		4.1	6.1

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM

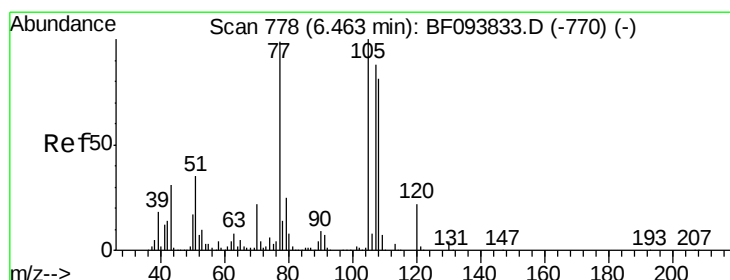
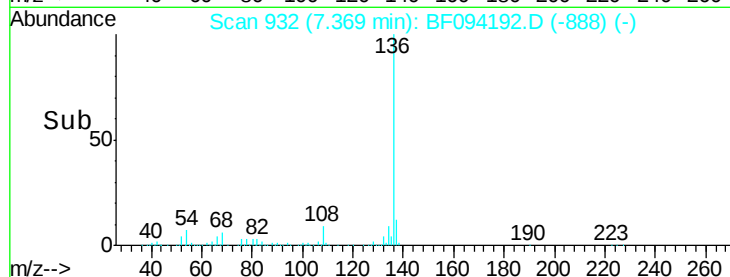
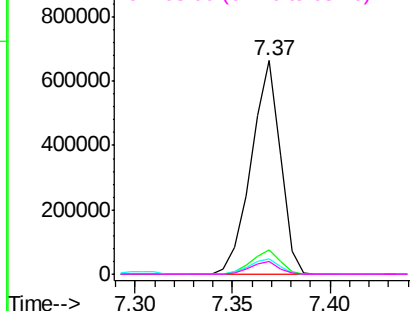


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.39 ng

RT: 6.34 min Scan# 757

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

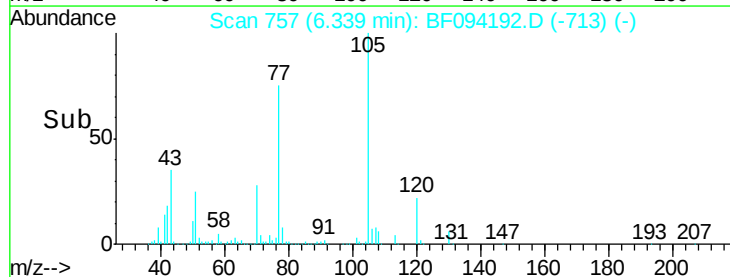
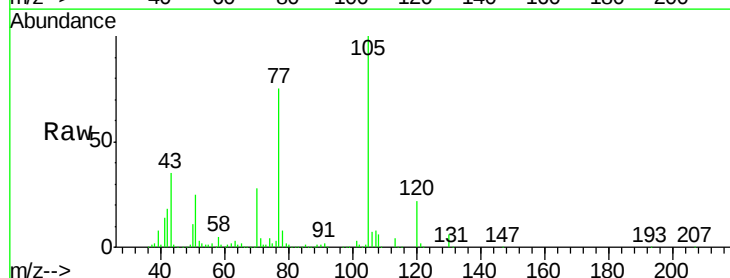
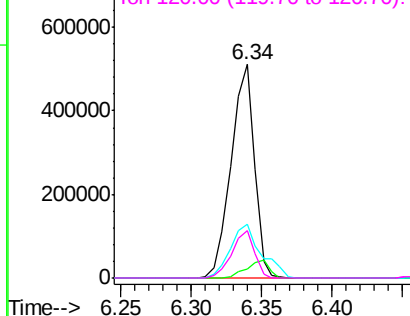
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588067		
71	4.5		2.8	4.2#
51	25.3		30.7	46.1#
120	21.9		17.4	26.0

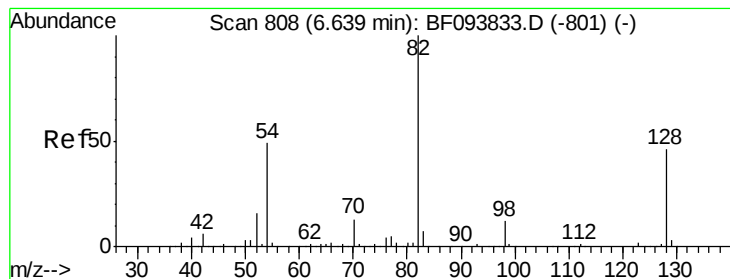
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 69.17 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

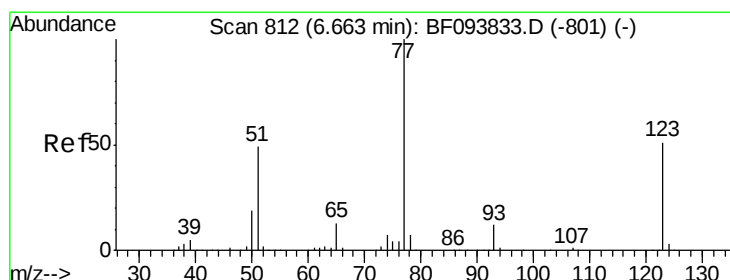
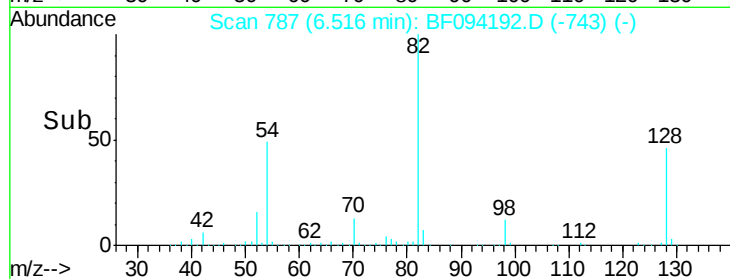
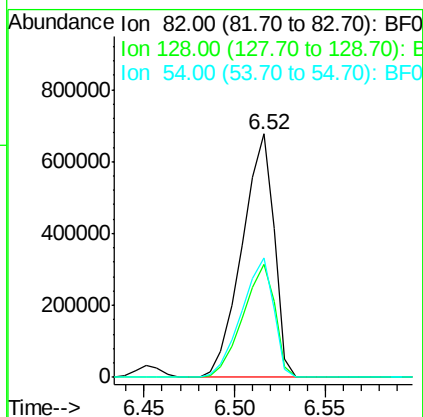
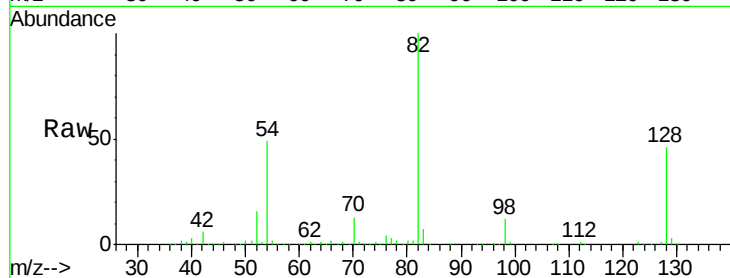
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:	82	Resp:	832994
Ion Ratio	Lower	Upper	
82	100		
128	46.4	34.0	51.0
54	49.0	42.2	63.2

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#24

Nitrobenzene

Concen: 36.29 ng

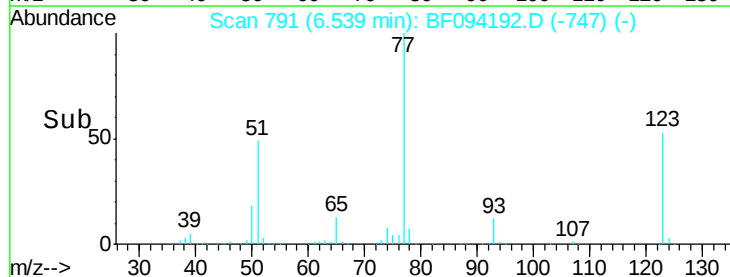
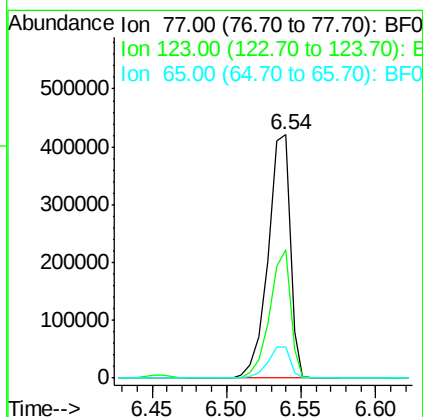
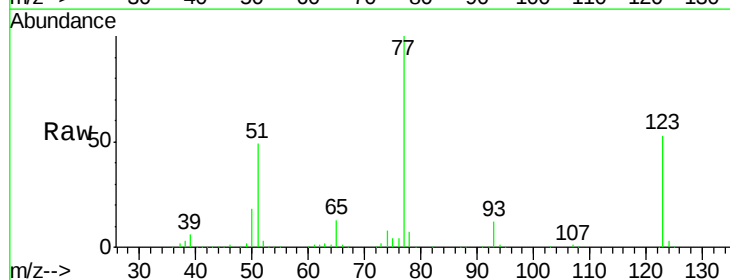
RT: 6.54 min Scan# 791

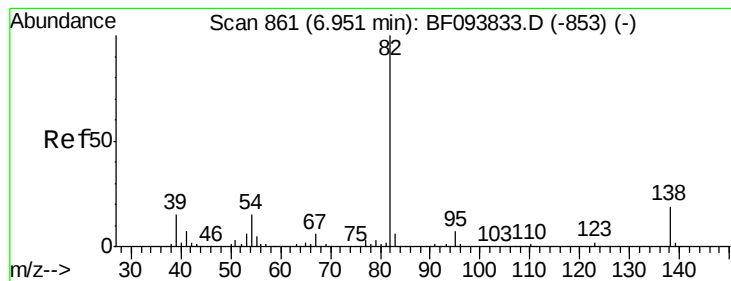
Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion:	77	Resp:	431001
Ion Ratio	Lower	Upper	
77	100		
123	53.0	35.8	53.8
65	12.6	10.6	15.8





#25

Isophorone

Concen: 36.44 ng

RT: 6.83 min Scan# 840

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion: 82 Resp: 771088

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

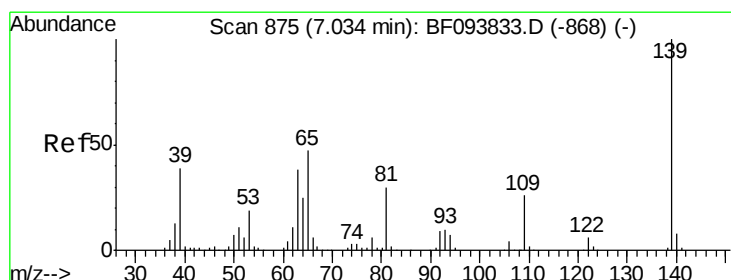
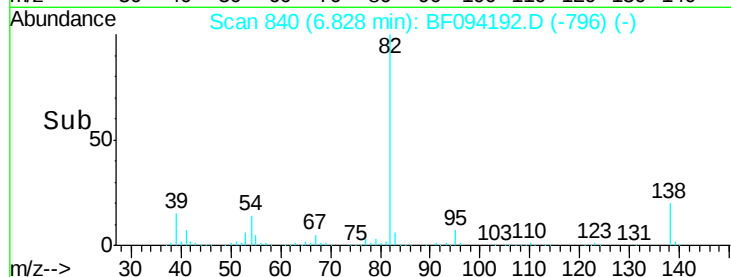
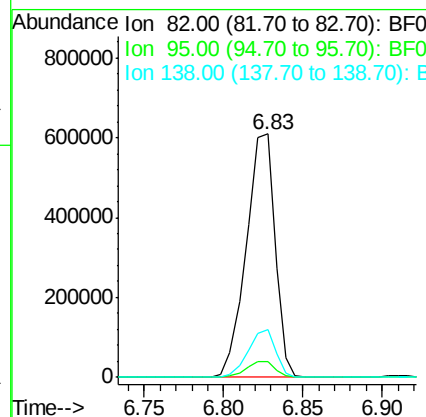
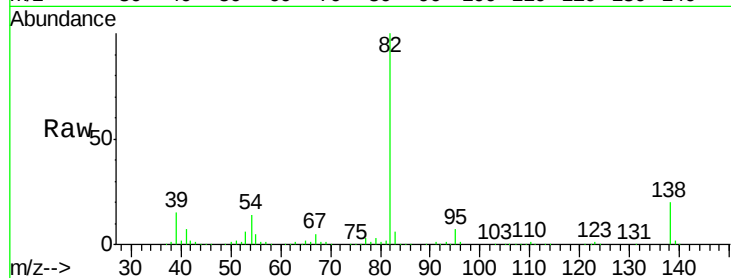
138 19.8 13.1 19.7#

Manual Integrations

APPROVED

mohammad

4/6/2017 3:38:31 PM



#26

2-Nitrophenol

Concen: 41.35 ng

RT: 6.91 min Scan# 854

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

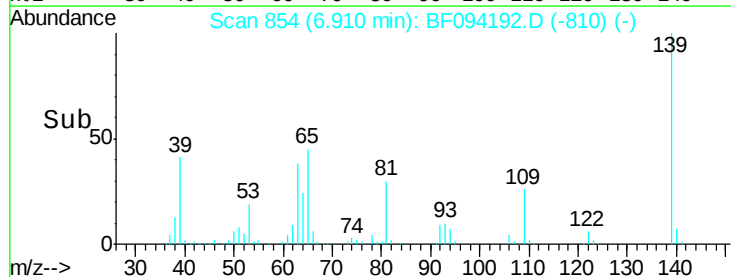
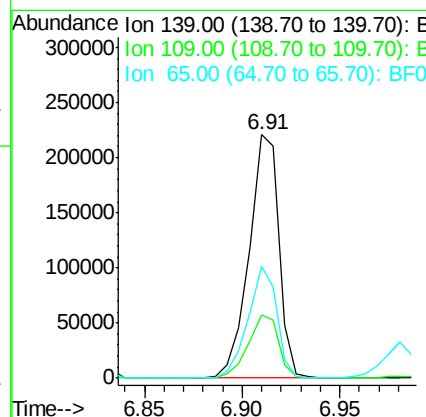
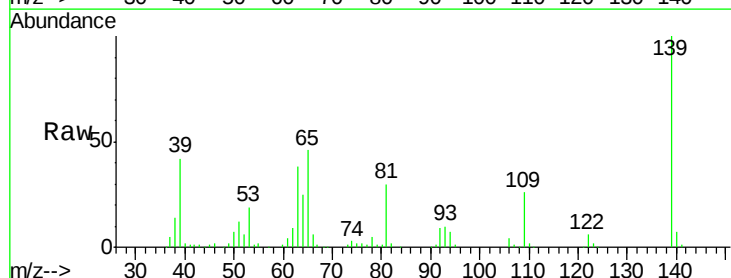
Tgt Ion: 139 Resp: 234234

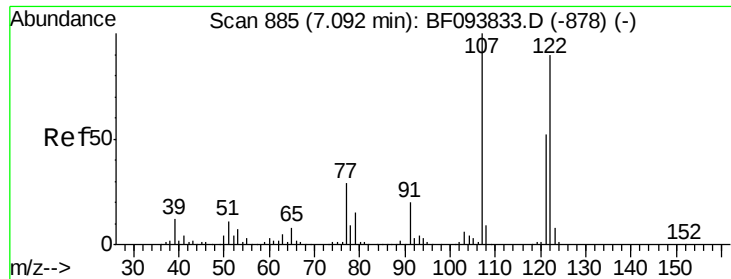
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 45.7 33.0 49.6





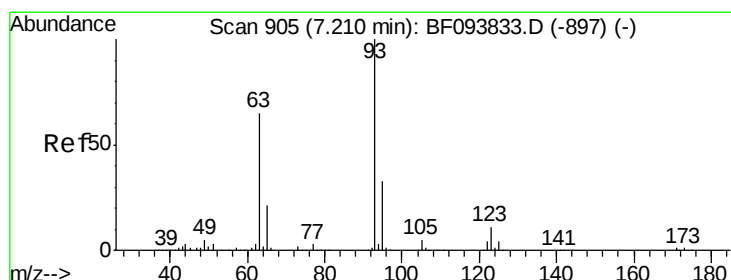
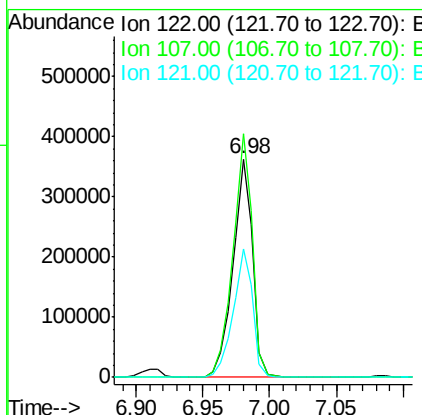
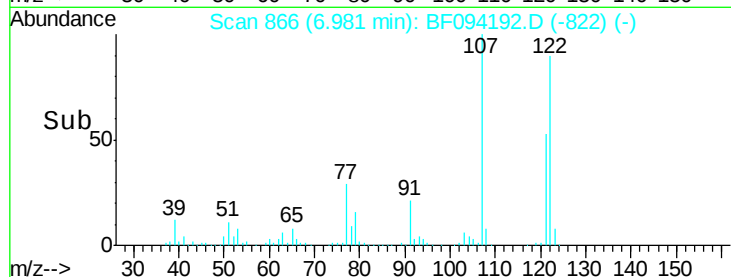
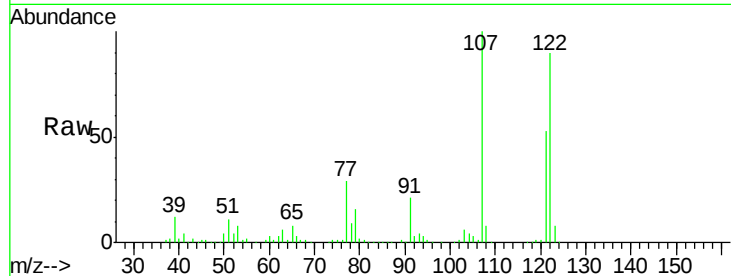
#27
 2,4-Dimethylphenol
 Concen: 38.38 ng
 RT: 6.98 min Scan# 866
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		374605		
107	111.6	89.2	133.8		
121	59.1	45.2	67.8		

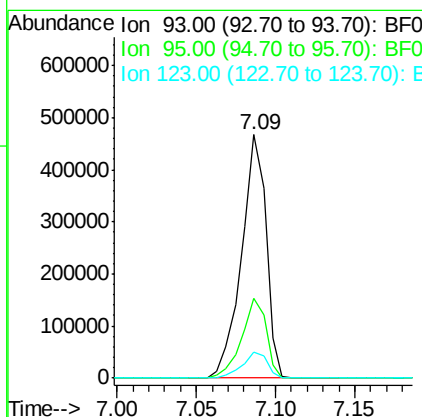
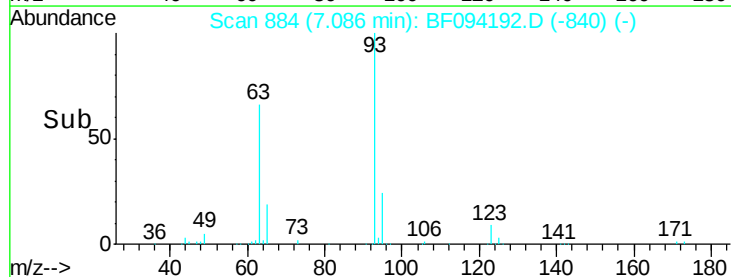
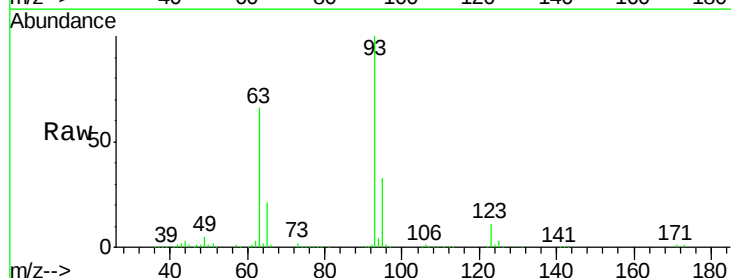
Manual Integrations
 APPROVED

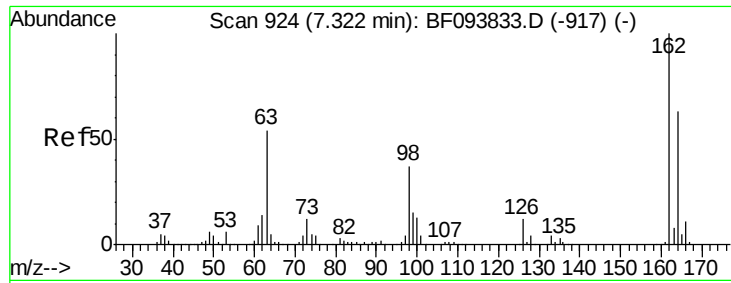
mohammad
 4/6/2017 3:38:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.89 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		500867		
95	32.5	26.5	39.7		
123	10.7	9.0	13.4		





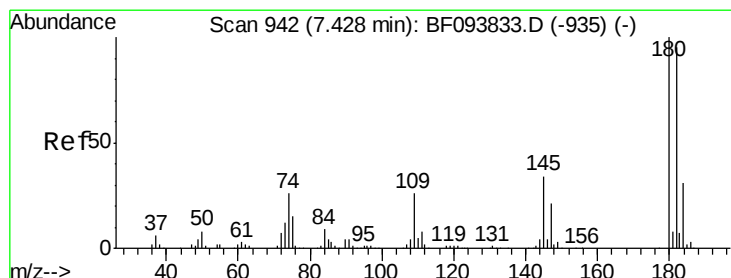
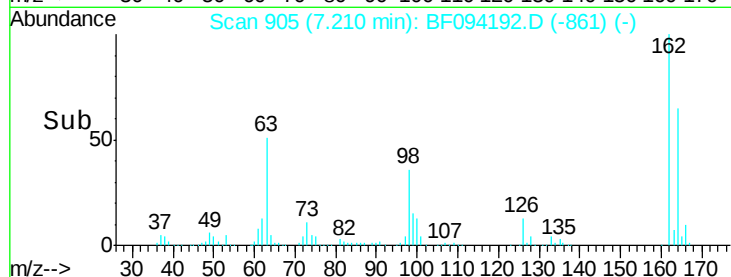
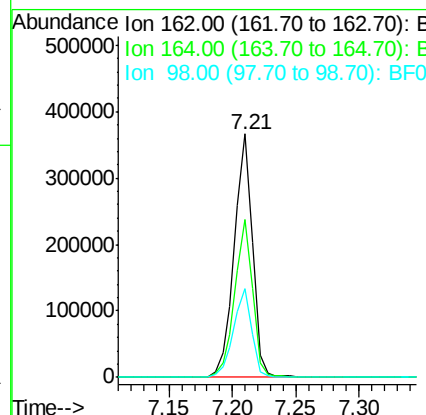
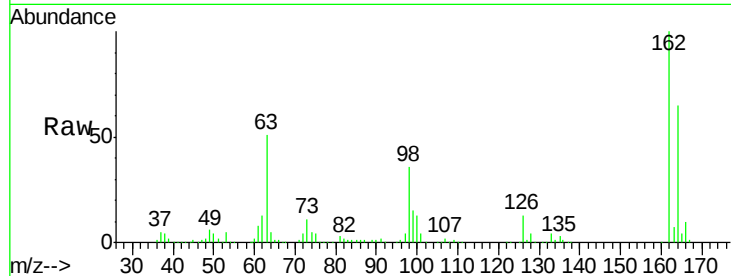
#29
 2,4-Dichlorophenol
 Concen: 39.94 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion:	162	Resp:	364480
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	36.3	14.8	54.8

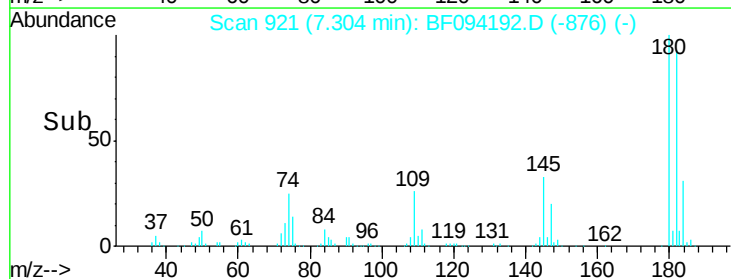
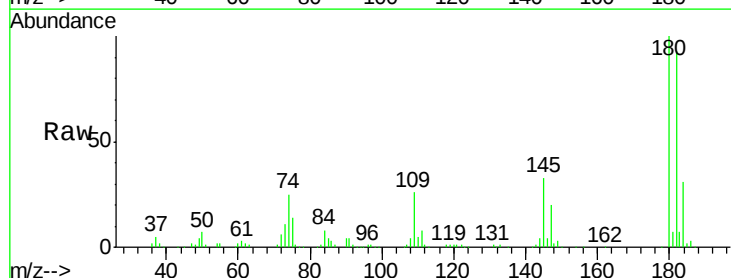
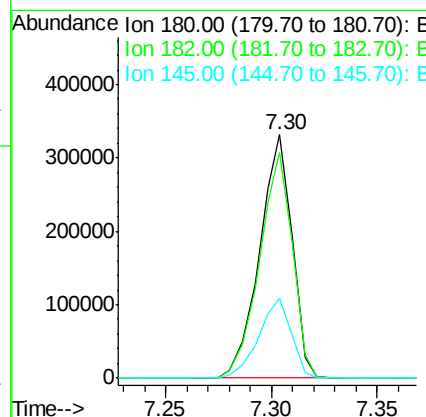
Manual Integrations
 APPROVED

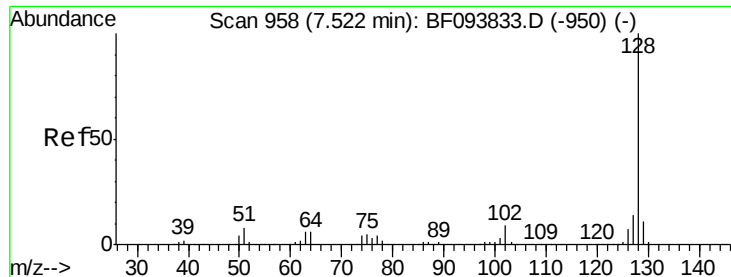
mohammad
 4/6/2017 3:38:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.65 ng
 RT: 7.30 min Scan# 921
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:	180	Resp:	353910
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.8	113.6
145	33.0	25.3	37.9





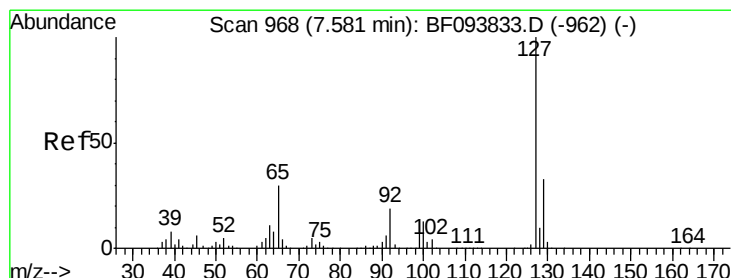
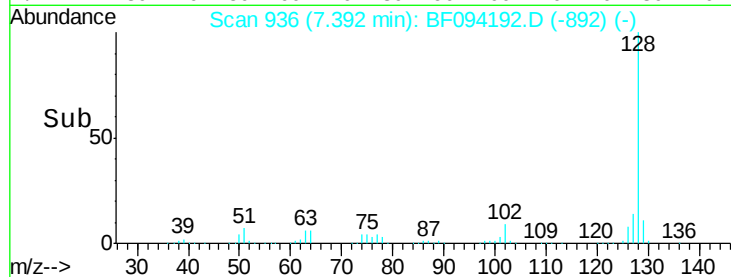
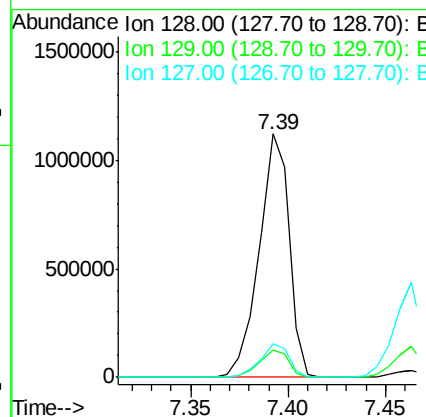
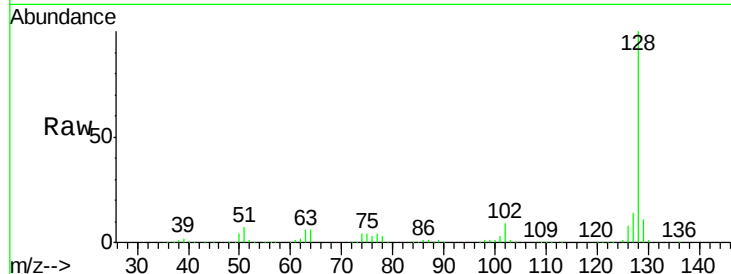
#31
Naphthalene
Concen: 36.14 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	10.8	16.2

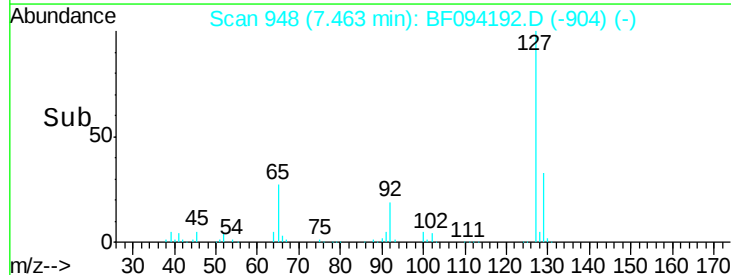
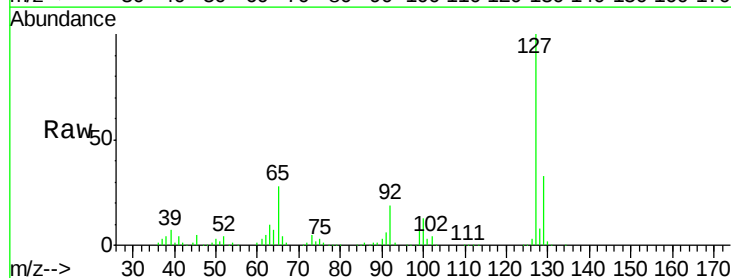
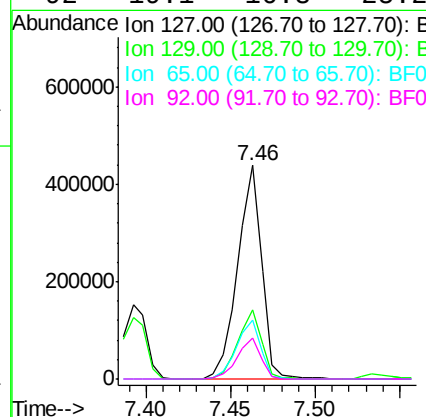
Manual Integrations
APPROVED

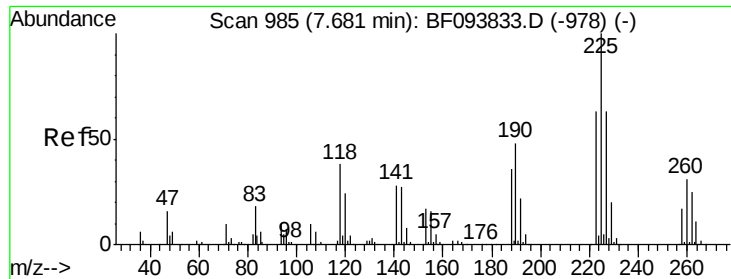
mohammad
4/6/2017 3:38:31 PM



#33
4-Chloroaniline
Concen: 32.35 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.6	27.8	41.8#
92	19.1	16.8	25.2





#34

Hexachlorobutadiene

Concen: 36.46 ng

RT: 7.55 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

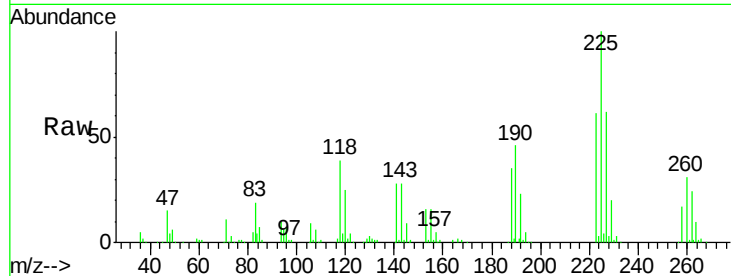
ClientSampleId :

CEMETERY-3(0-7)MS

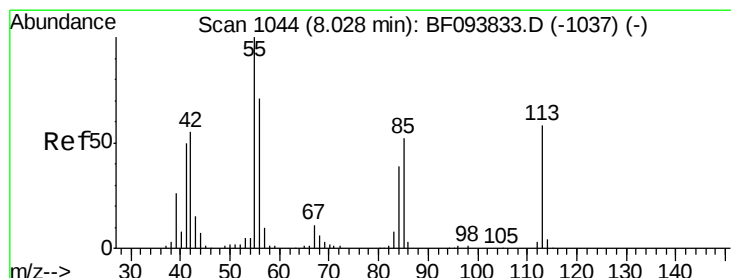
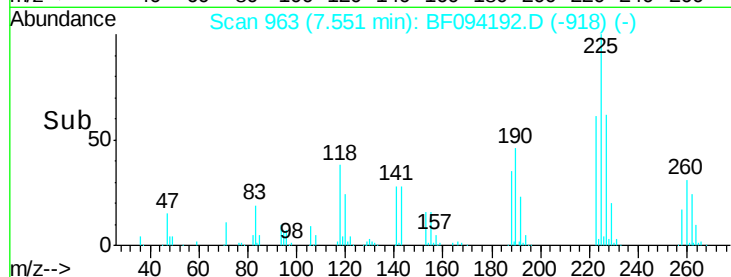
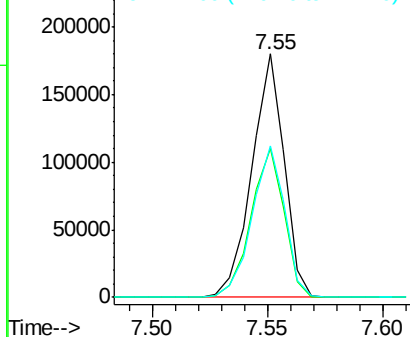
Tot Ion:	225	Resp:	175734
Ion Ratio	Lower	Upper	
225	100		
223	61.0	48.8	73.2
227	62.1	51.1	76.7

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



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



#35

Caprolactam

Concen: 37.84 ng m

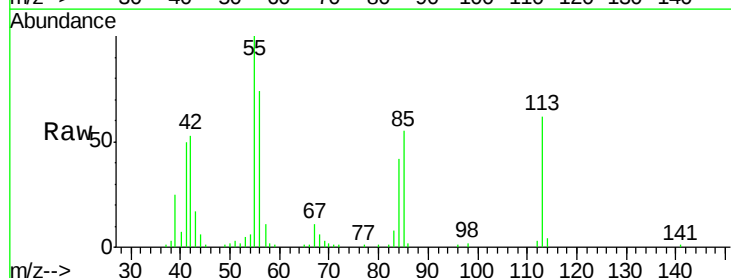
RT: 7.90 min Scan# 1022

Delta R.T. -0.06 min

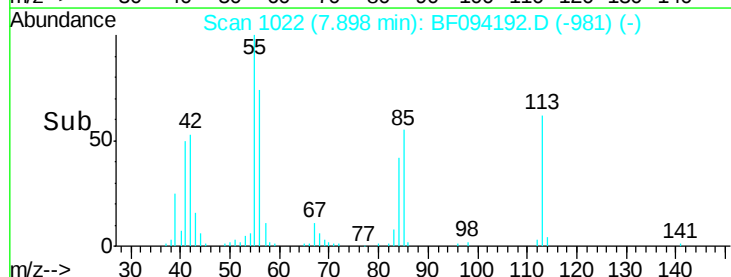
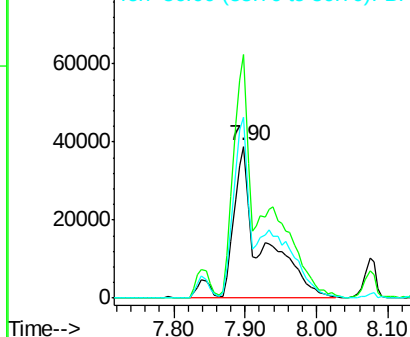
Lab File: BF094192.D

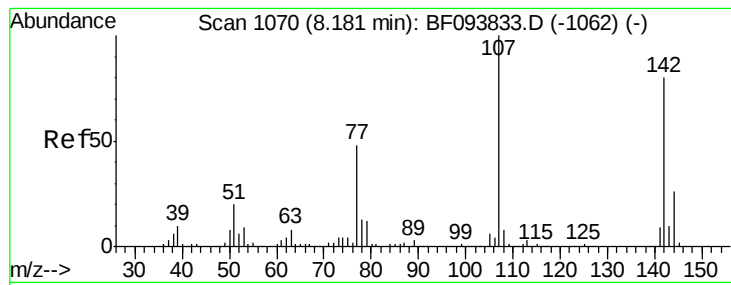
Acq: 5 Apr 2017 16:34

Tgt Ion:	113	Resp:	110123
Ion Ratio	Lower	Upper	
113	100		
55	160.2	150.2	190.2
56	118.9	107.8	147.8



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





#36

4-Chloro-3-methylphenol

Concen: 39.71 ng

RT: 8.07 min Scan# 1052

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:107 Resp: 378656

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

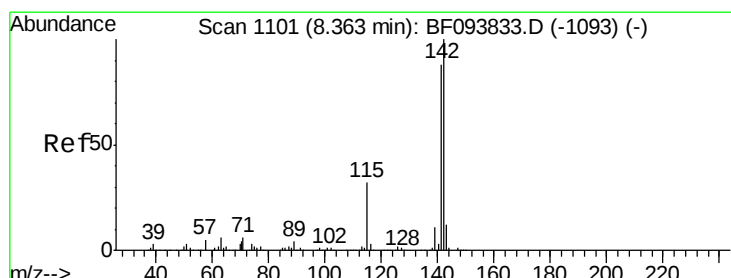
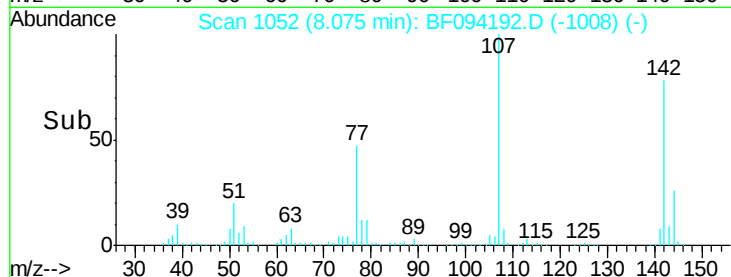
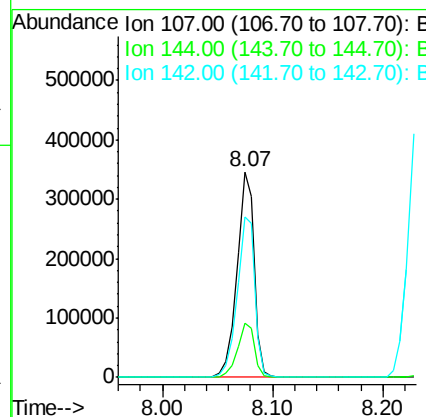
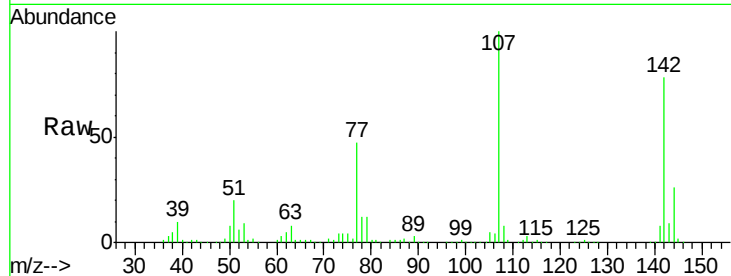
142 78.3 73.4 110.0

Manual Integrations

APPROVED

mohammad

4/6/2017 3:38:31 PM



#37

2-Methylnaphthalene

Concen: 37.95 ng

RT: 8.24 min Scan# 1080

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

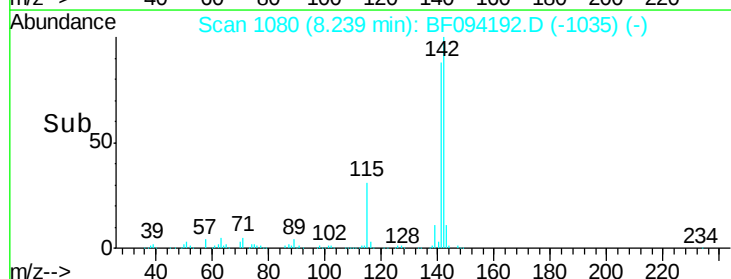
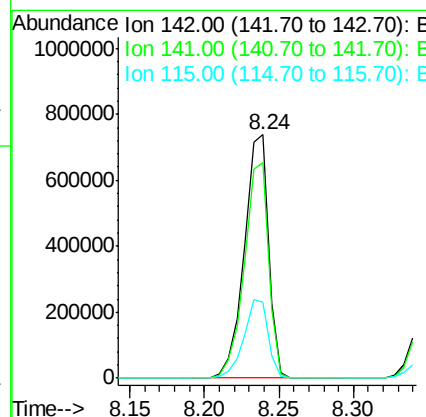
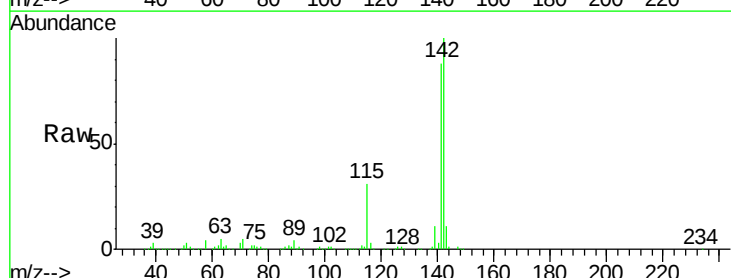
Tgt Ion:142 Resp: 835920

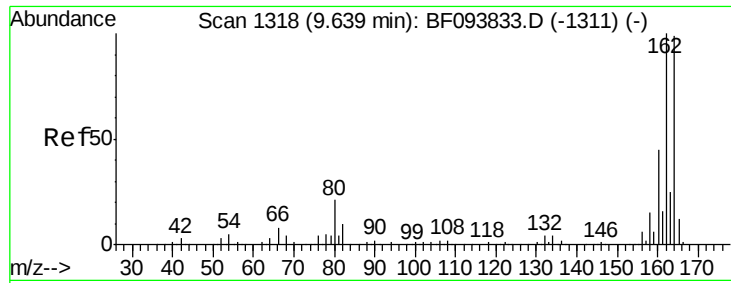
Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

115 31.4 27.1 40.7





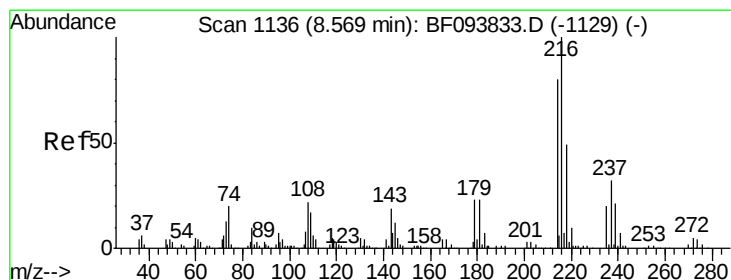
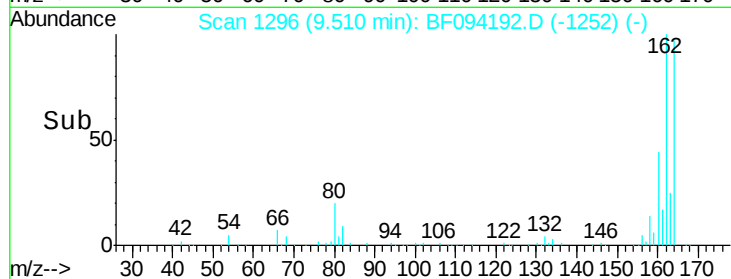
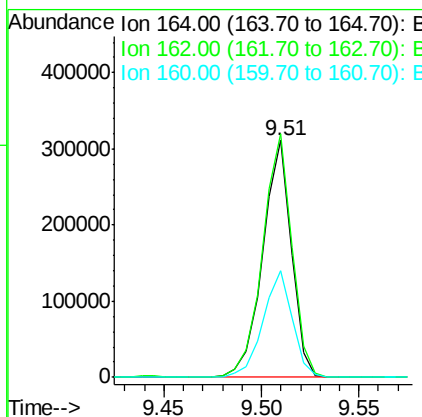
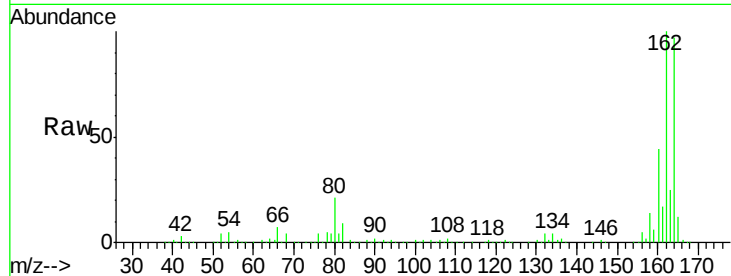
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	44.8	36.2	54.2

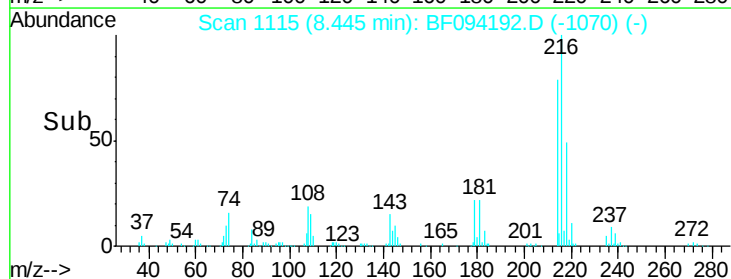
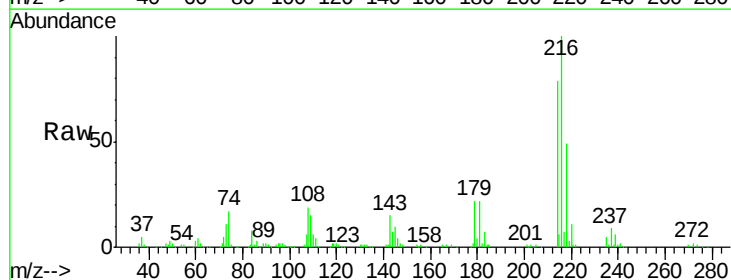
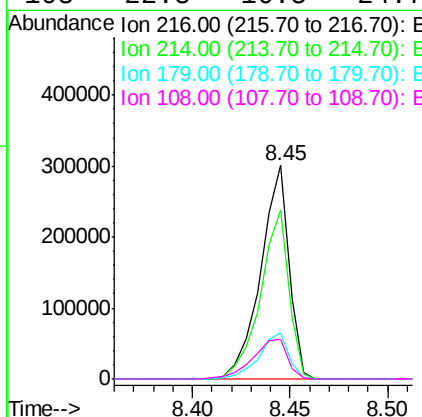
Manual Integrations
APPROVED

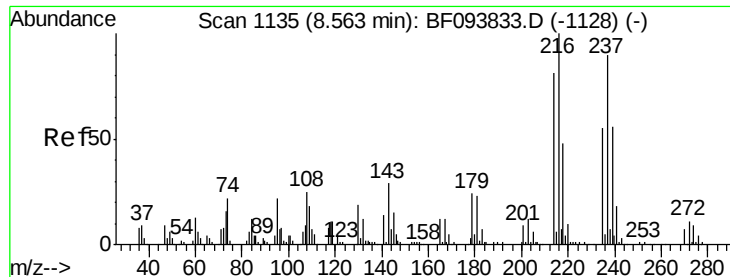
mohammad
4/6/2017 3:38:31 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.12 ng
RT: 8.45 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.6	17.9	26.9
108	22.8	16.5	24.7





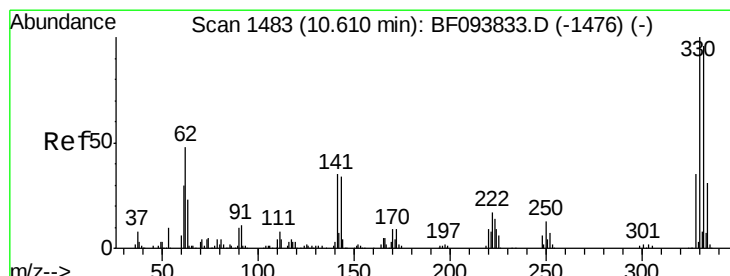
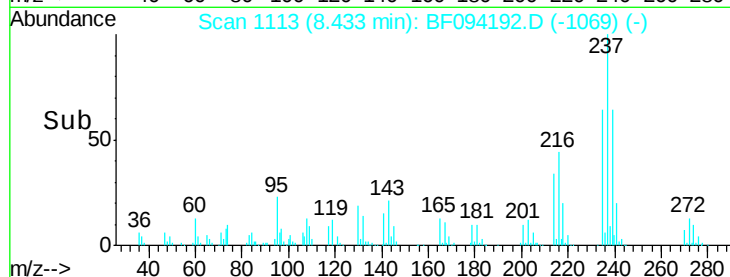
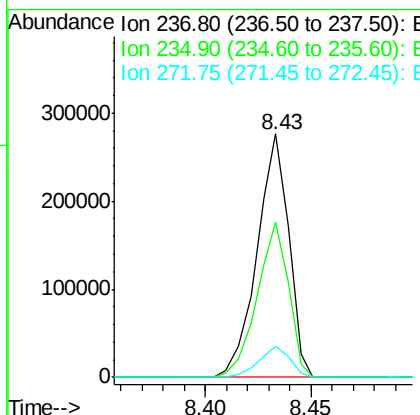
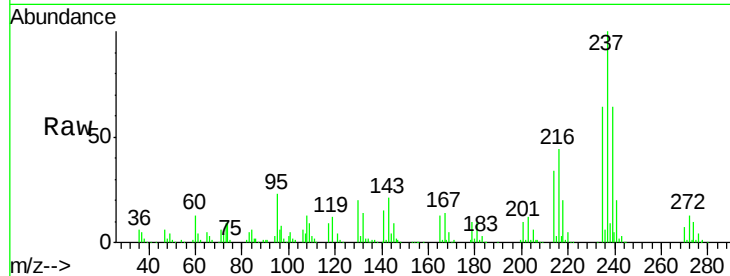
#40
Hexachlorocyclopentadiene
Concen: 71.01 ng
RT: 8.43 min Scan# 1113
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion:	237	Resp:	287652
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.6	82.6
272	12.6	0.0	31.9

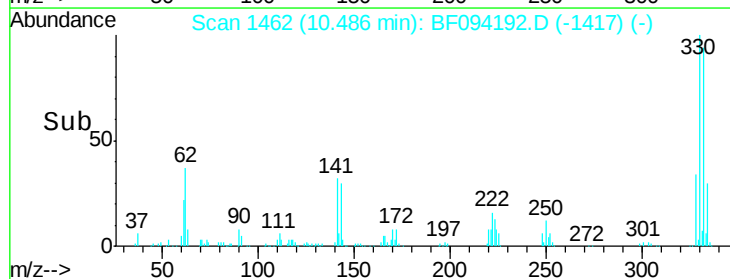
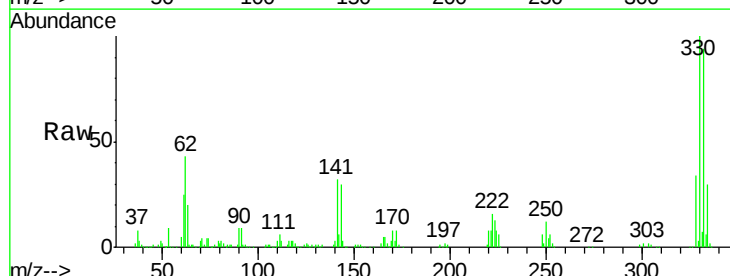
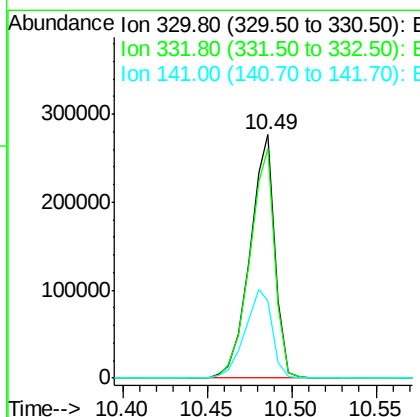
Manual Integrations
APPROVED

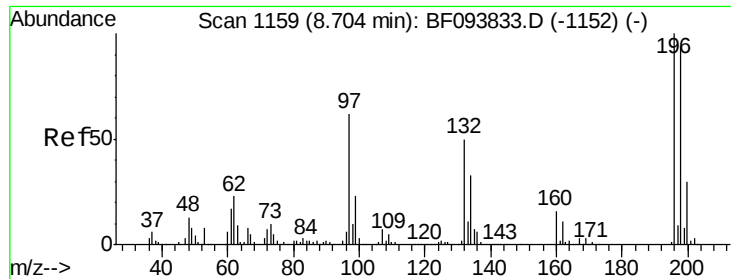
mohammad
4/6/2017 3:38:31 PM



#41
2,4,6-Tribromophenol
Concen: 114.16 ng
RT: 10.49 min Scan# 1462
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:	330	Resp:	285447
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.6	115.0
141	39.5	31.4	47.2





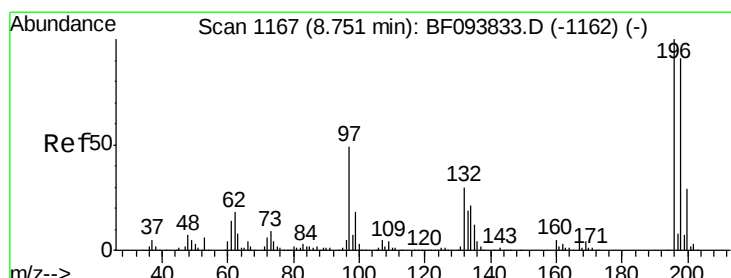
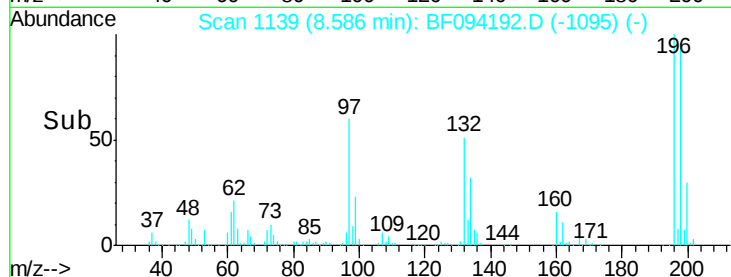
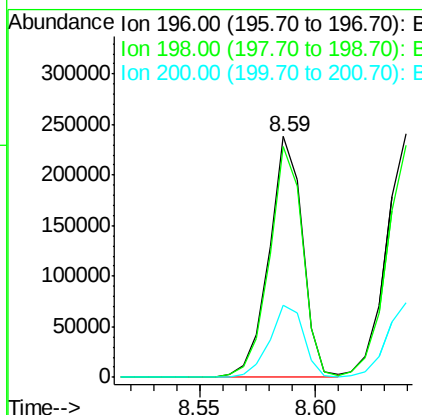
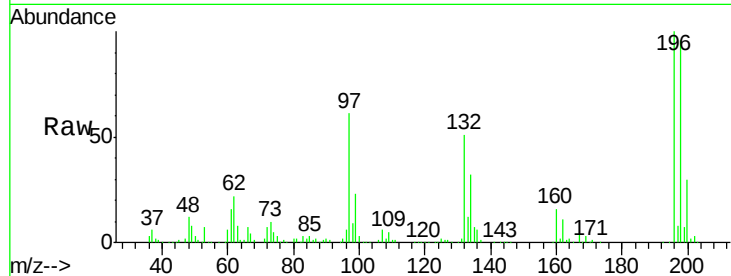
#42
 2,4,6-Trichlorophenol
 Concen: 38.93 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238430		
198	95.9	74.2	111.4	
200	30.0	24.0	36.0	

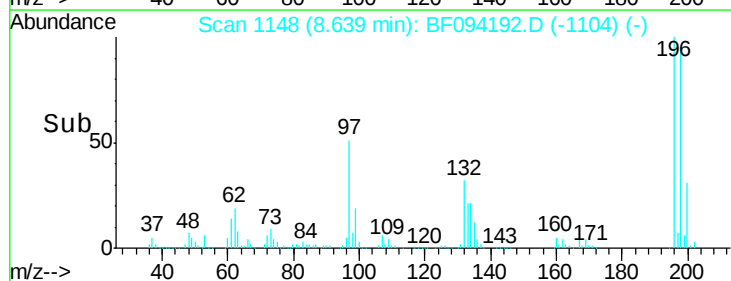
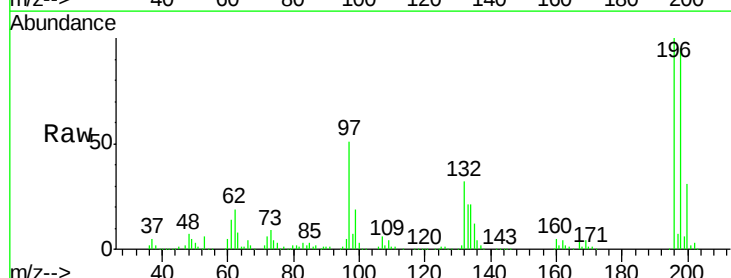
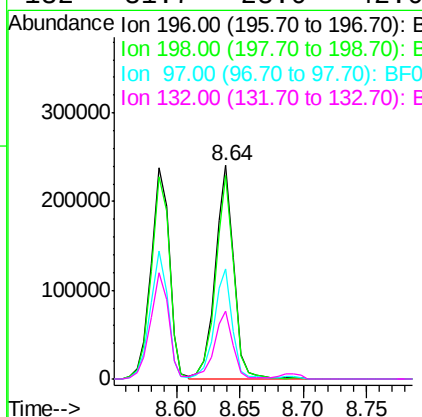
Manual Integrations
 APPROVED

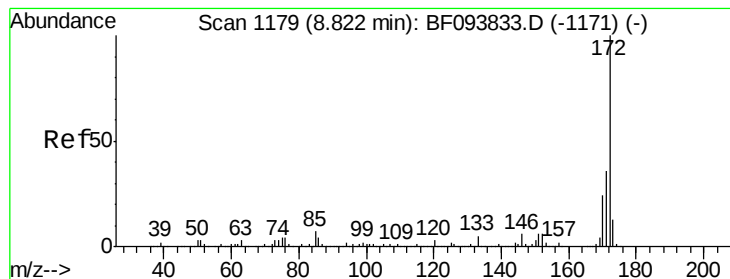
mohammad
 4/6/2017 3:38:31 PM



#43
 2,4,5-Trichlorophenol
 Concen: 37.34 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247477		
198	95.4	75.7	113.5	
97	51.3	47.7	71.5	
132	31.7	28.0	42.0	





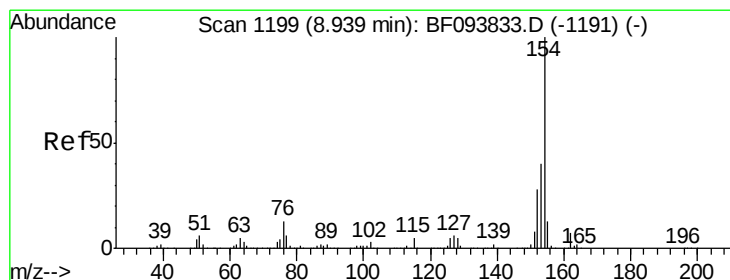
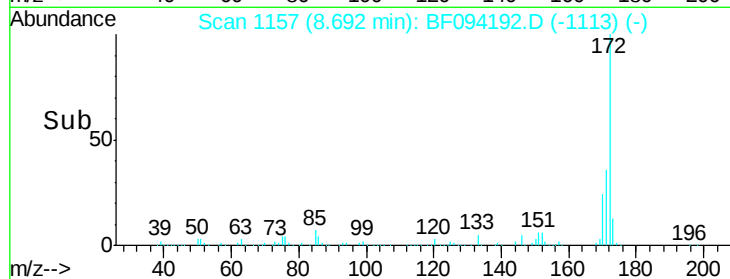
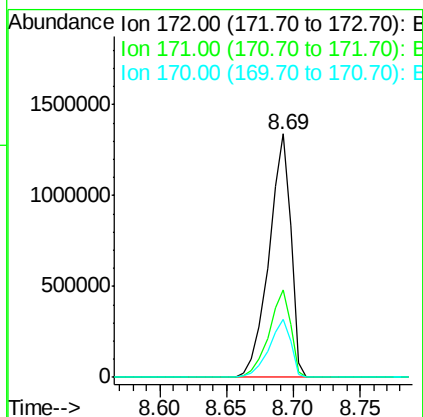
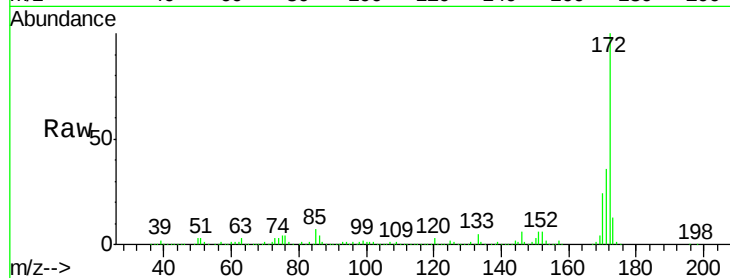
#44
 2-Fluorobiphenyl
 Concen: 73.58 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

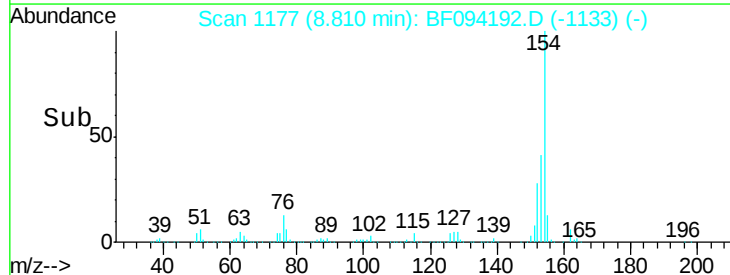
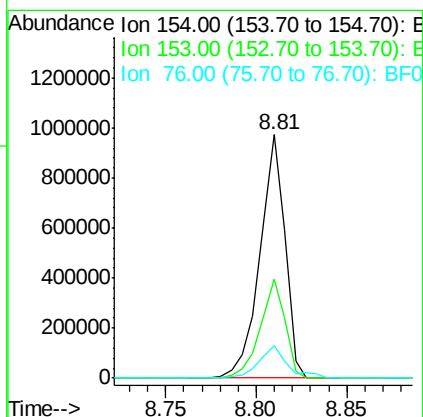
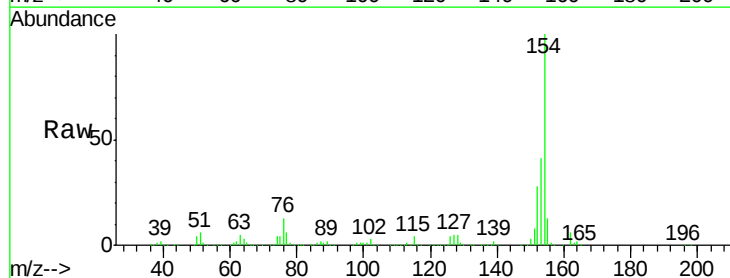
Manual Integrations
 APPROVED

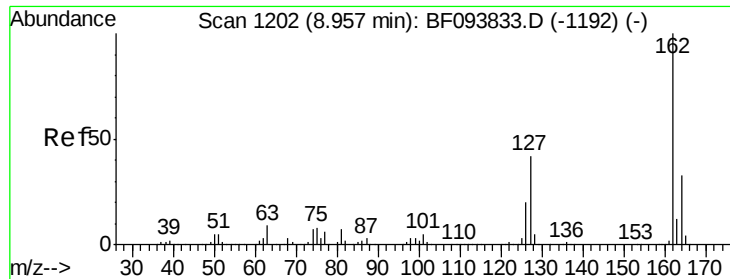
mohammad
 4/6/2017 3:38:31 PM



#45
 1,1'-Biphenyl
 Concen: 36.64 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	13.1	0.0	29.9





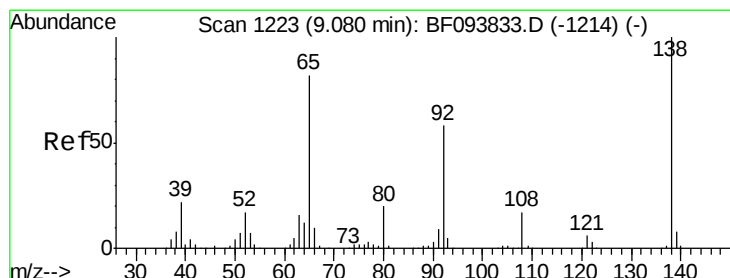
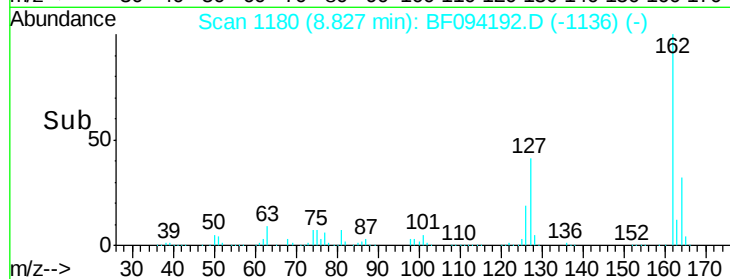
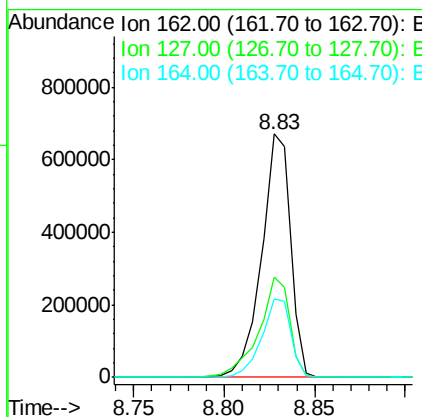
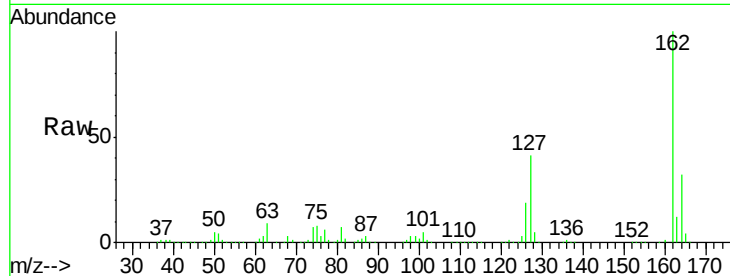
#46
2-Chloronaphthalene
Concen: 37.17 ng
RT: 8.83 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	28.3	42.5
164	32.1	27.0	40.4

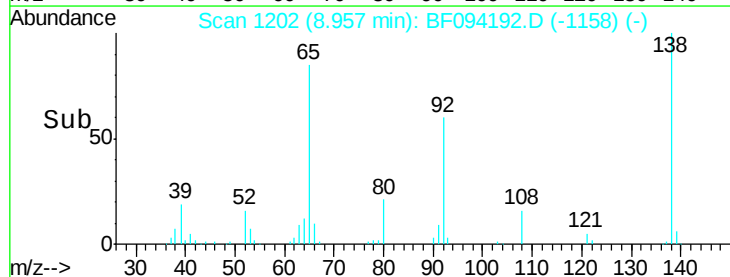
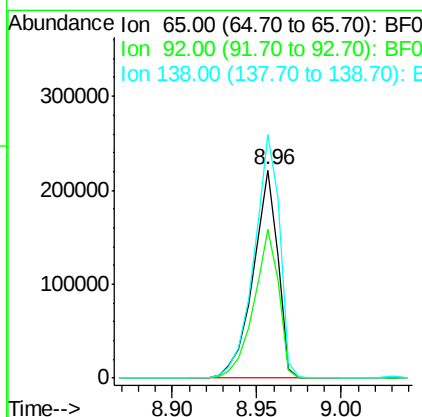
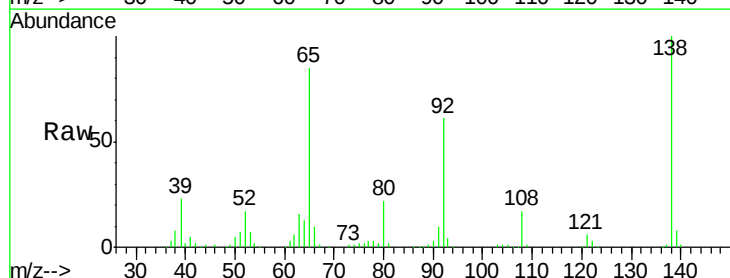
Manual Integrations
APPROVED

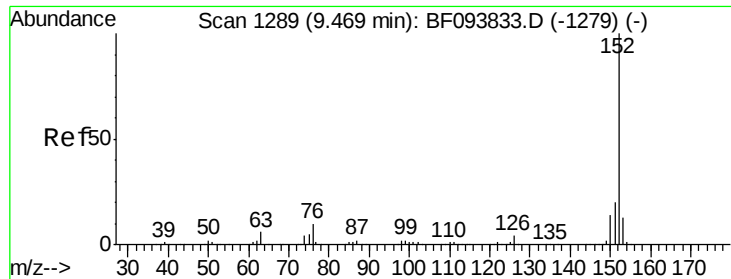
mohammad
4/6/2017 3:38:31 PM



#47
2-Nitroaniline
Concen: 38.31 ng
RT: 8.96 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	117.2	78.8	118.2





#48

Acenaphthylene

Concen: 35.46 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:152 Resp: 1177351

Ion Ratio Lower Upper

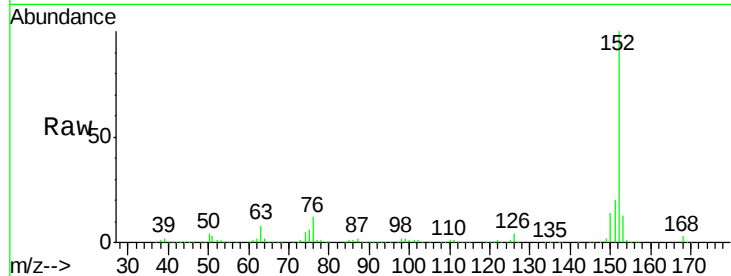
152 100

151 20.3 16.8 25.2

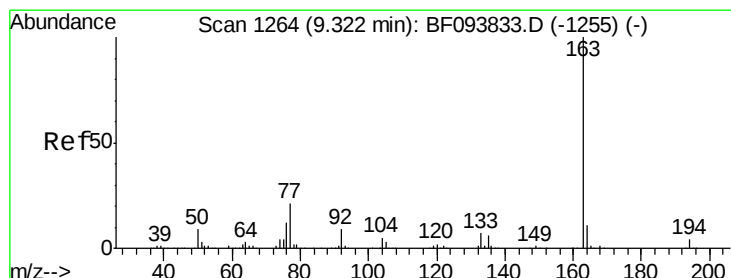
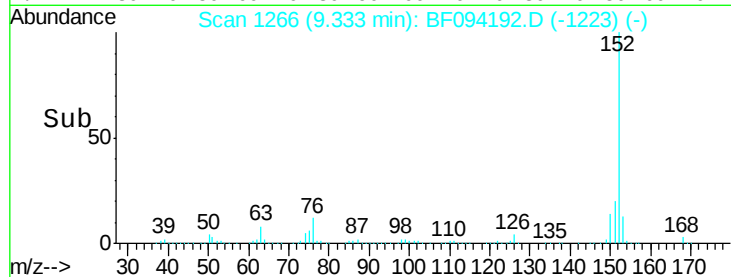
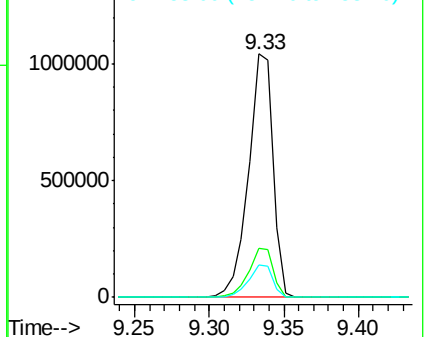
153 13.5 10.8 16.2

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.79 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

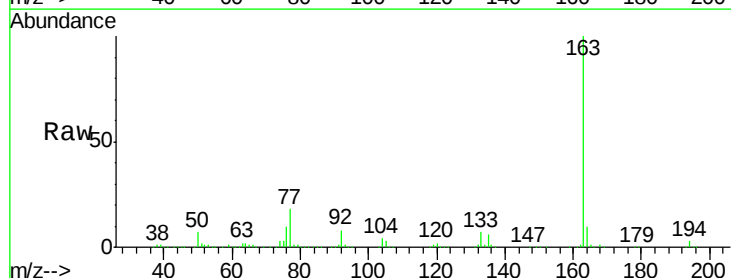
Tgt Ion:163 Resp: 984882

Ion Ratio Lower Upper

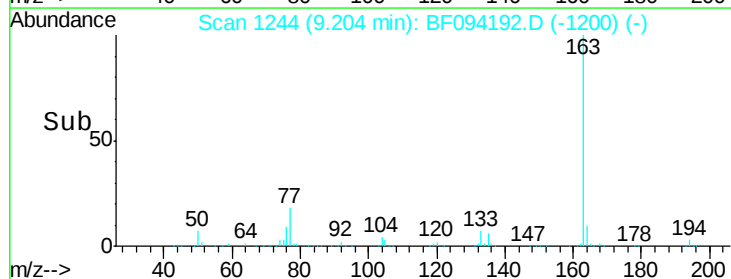
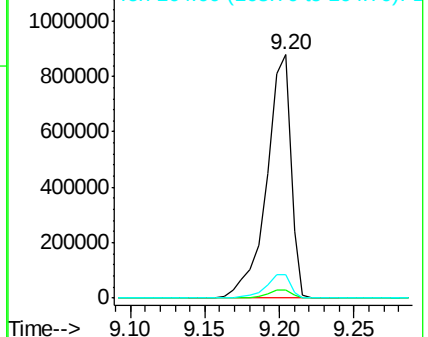
163 100

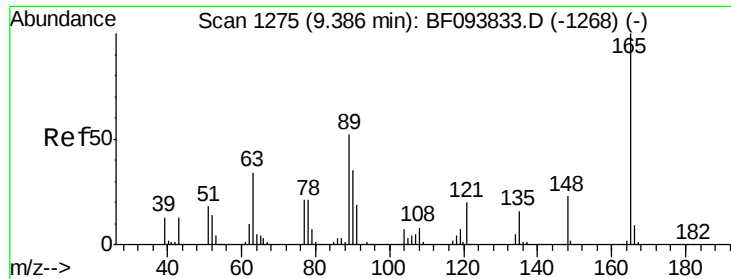
194 3.4 2.6 4.0

164 9.7 8.4 12.6



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





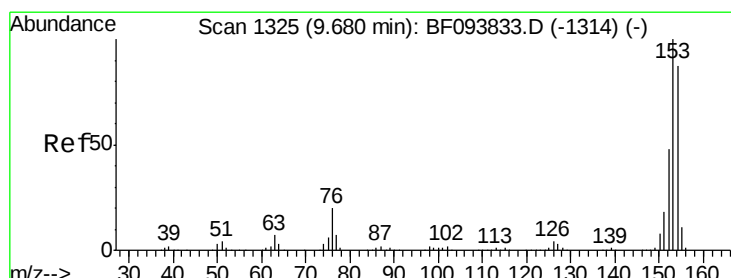
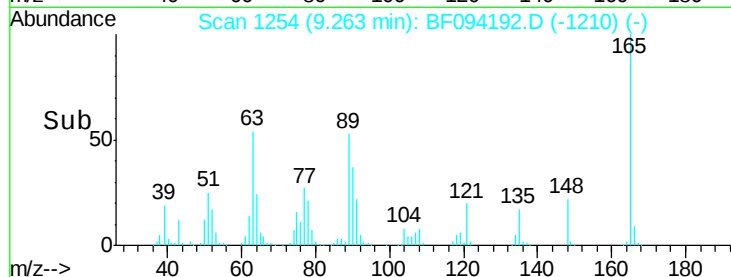
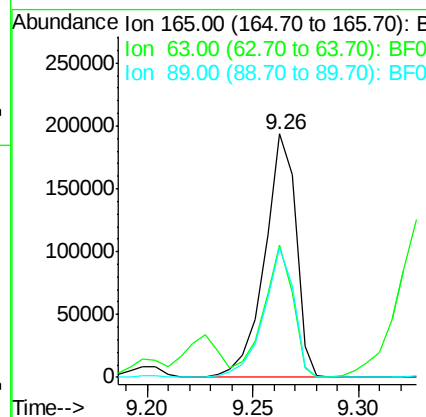
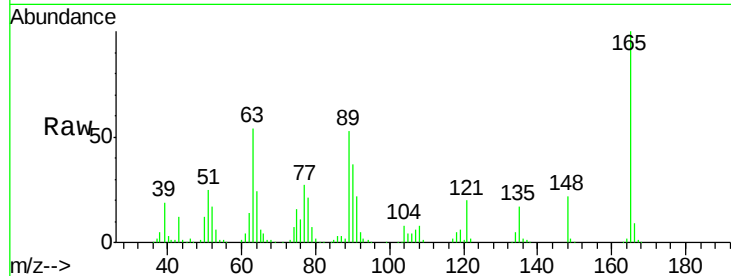
#50
 2,6-Dinitrotoluene
 Concen: 38.78 ng
 RT: 9.26 min Scan# 1254
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199959		
63	54.4	34.3	51.5#	
89	53.1	37.1	55.7	

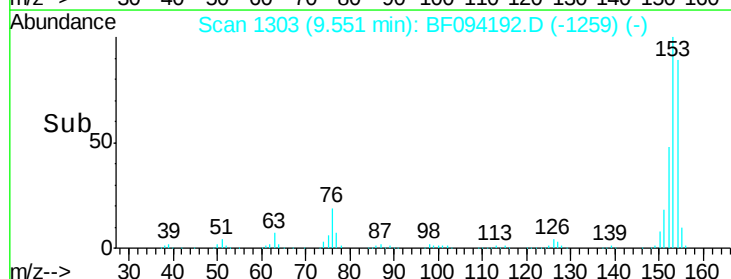
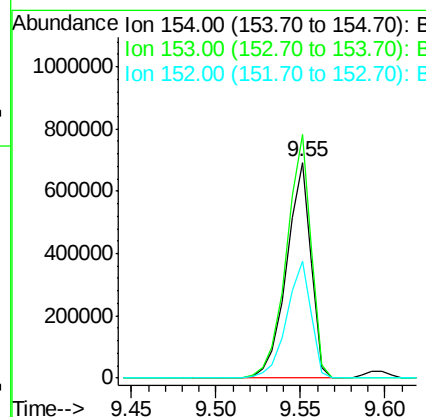
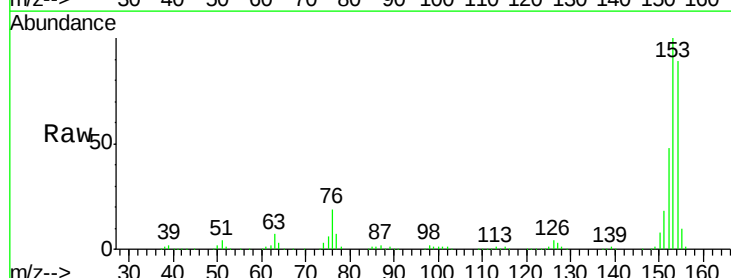
Manual Integrations
 APPROVED

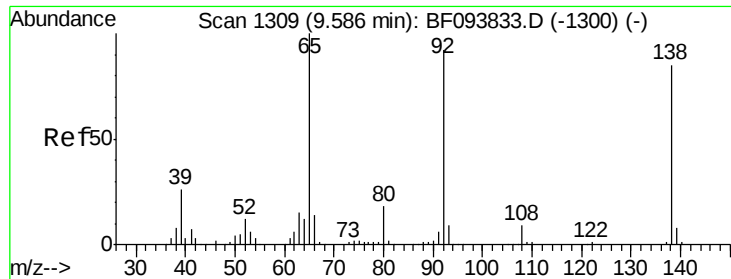
mohammad
 4/6/2017 3:38:31 PM



#51
 Acenaphthene
 Concen: 36.13 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	700036		
153	112.8	90.5	135.7	
152	54.0	43.6	65.4	





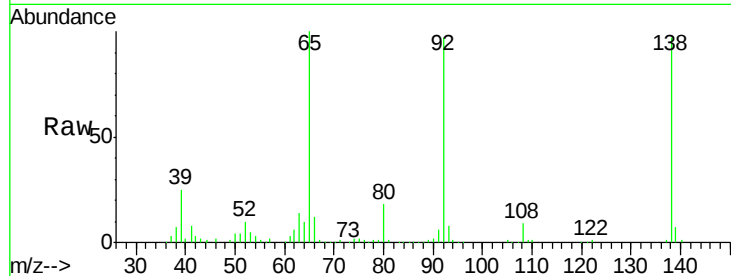
#52
3-Nitroaniline
Concen: 33.55 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

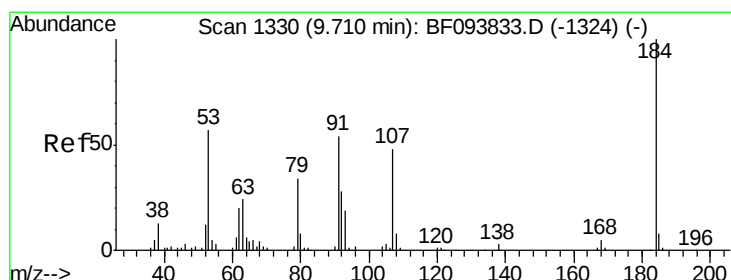
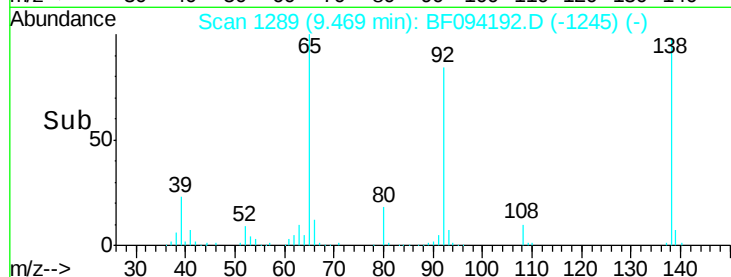
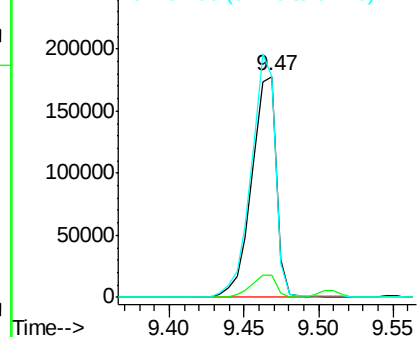
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	100.0	93.8	140.6

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM

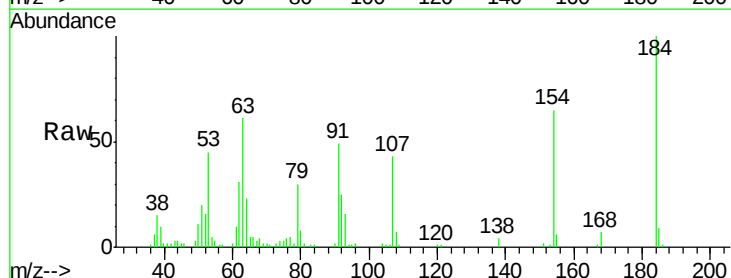


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

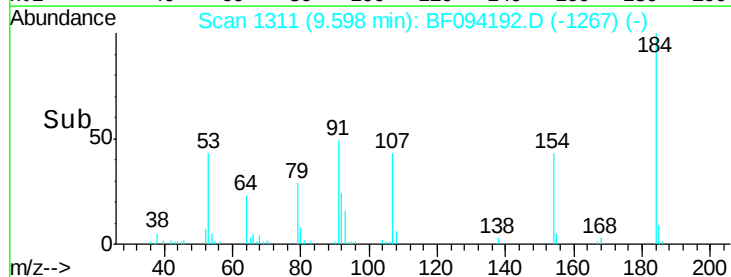
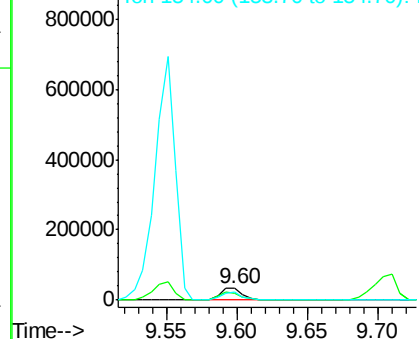


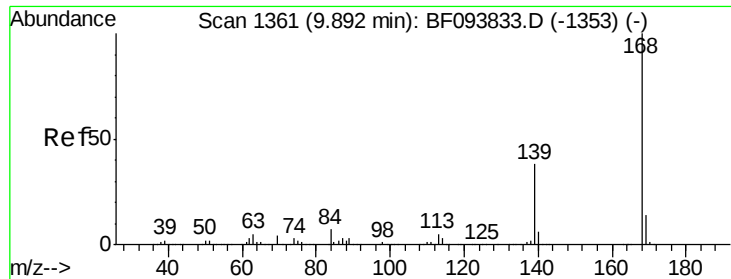
#53
2,4-Dinitrophenol
Concen: 17.40 ng
RT: 9.60 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	62.7	94.1#
154	65.3	81.1	121.7#



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





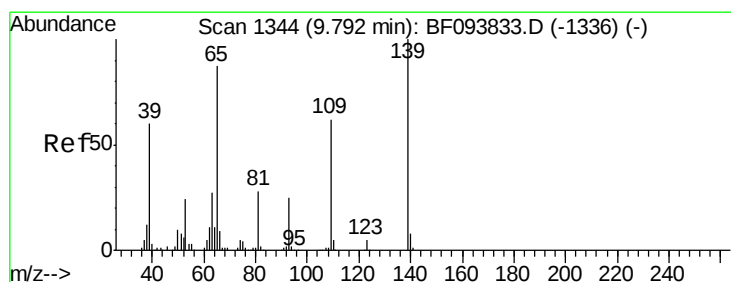
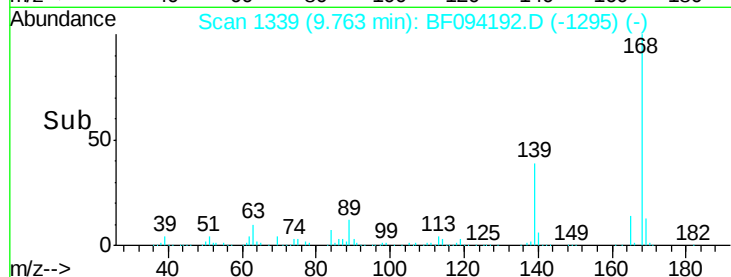
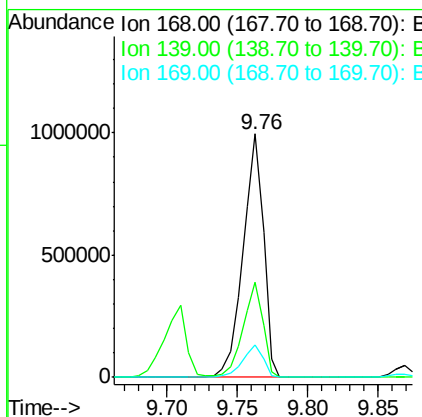
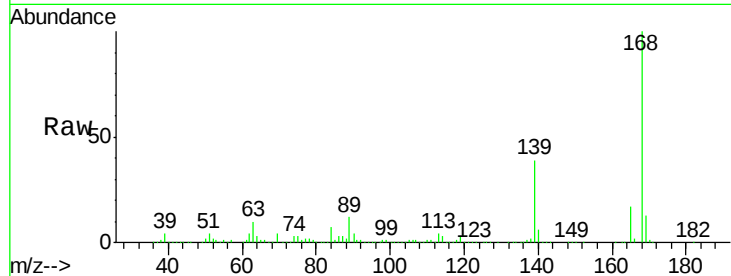
#54
Dibenzofuran
Concen: 38.06 ng
RT: 9.76 min Scan# 1339
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion:168 Resp: 1003748
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.4 10.8 16.2

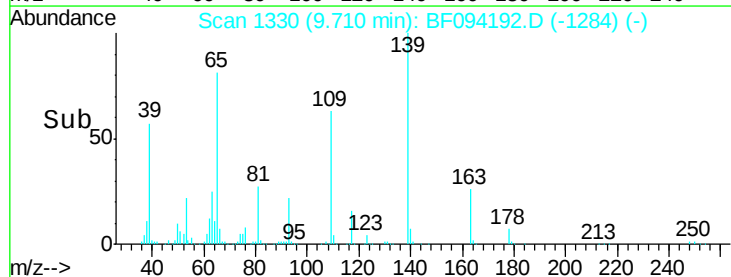
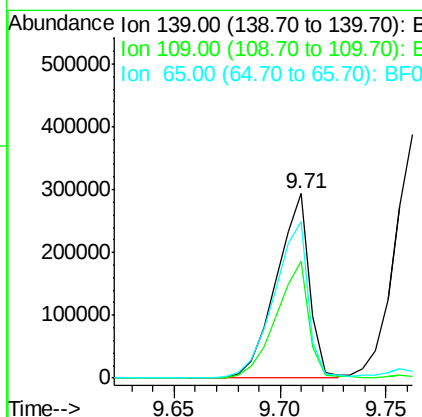
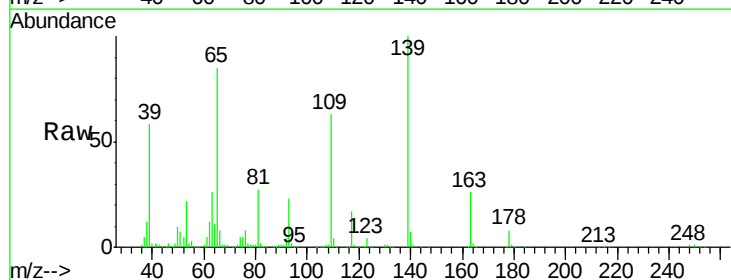
Manual Integrations
APPROVED

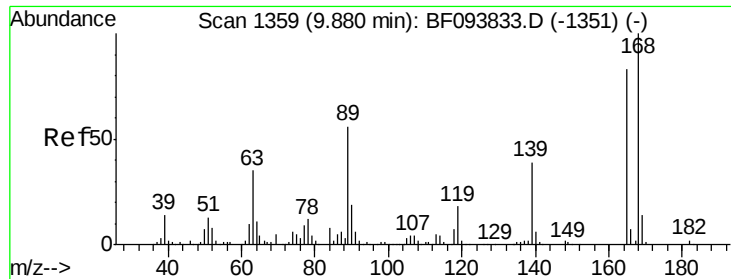
mohammad
4/6/2017 3:38:31 PM



#55
4-Nitrophenol
Concen: 67.80 ng
RT: 9.71 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:139 Resp: 321469
Ion Ratio Lower Upper
139 100
109 63.1 34.1 74.1
65 84.7 31.4 71.4#





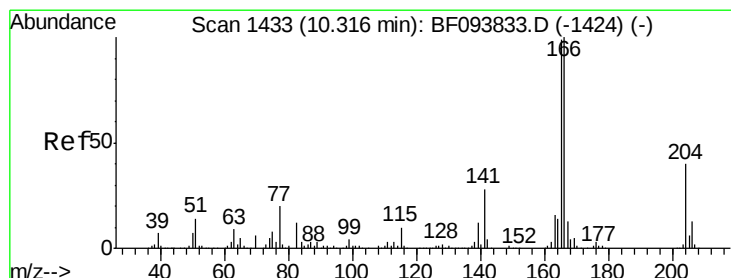
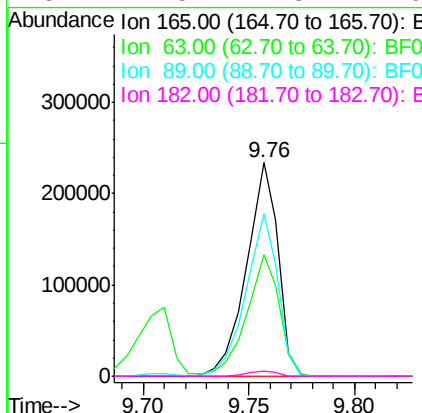
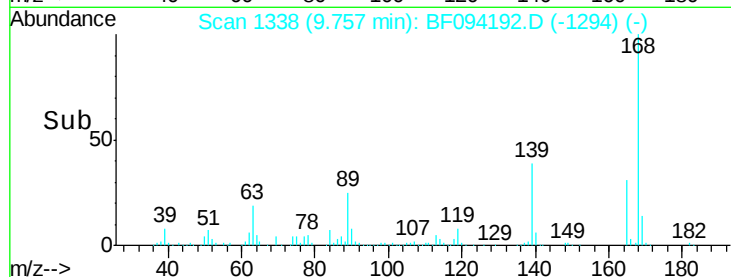
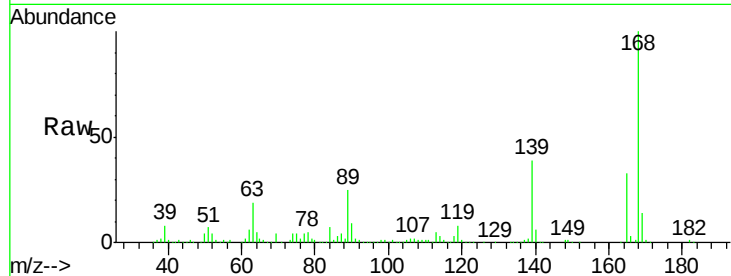
#56
 2,4-Dinitrotoluene
 Concen: 37.39 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242199		
63	56.8	25.4	38.0#	
89	76.0	46.4	69.6#	
182	2.5	1.8	2.6	

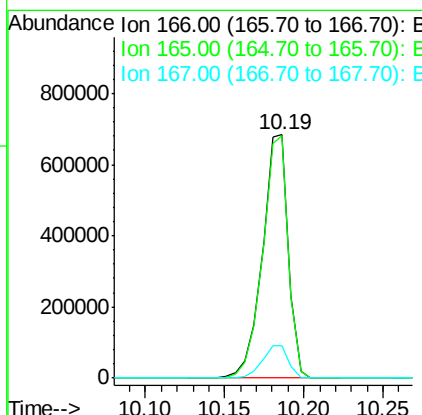
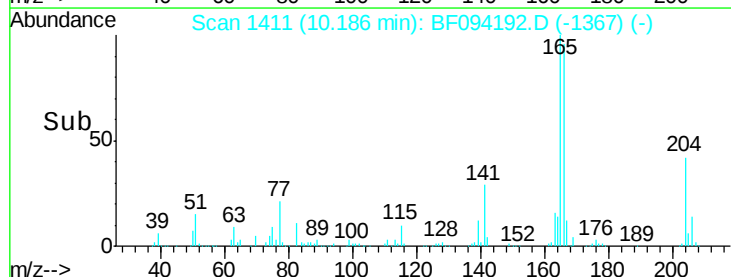
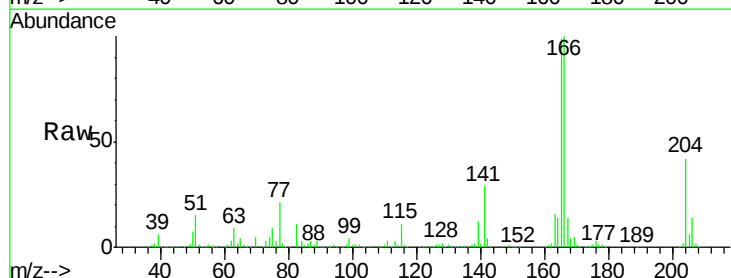
Manual Integrations
 APPROVED

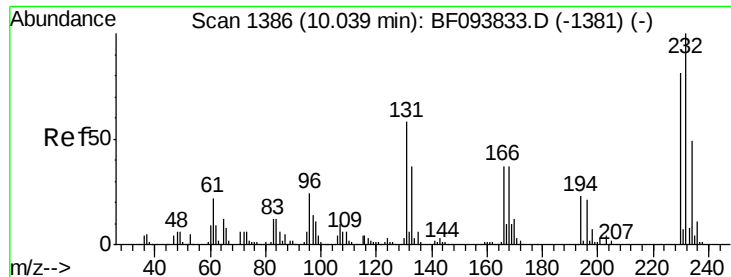
mohammad
 4/6/2017 3:38:31 PM



#57
 Fluorene
 Concen: 35.73 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	781488		
165	99.4	78.8	118.2	
167	13.6	10.6	16.0	





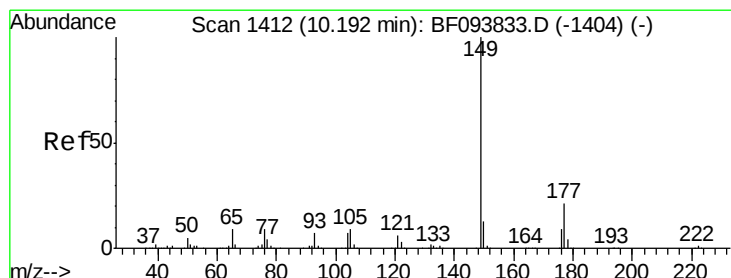
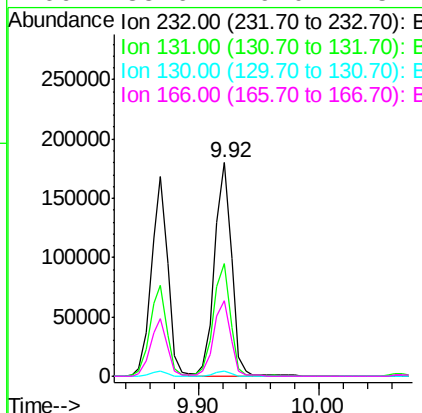
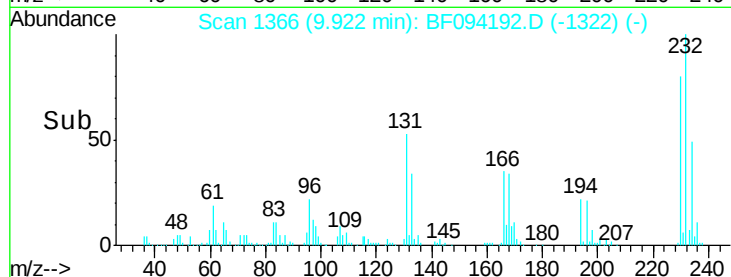
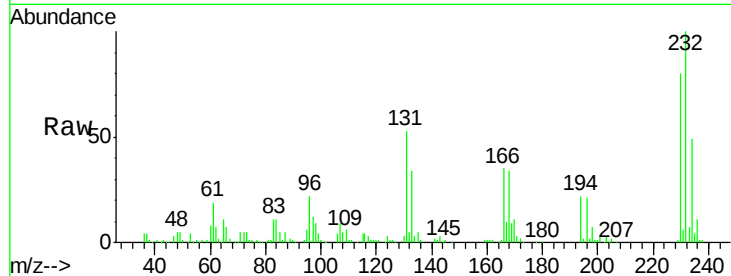
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.25 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.5	44.8	67.2
130	2.5	2.3	3.5
166	35.6	29.0	43.4

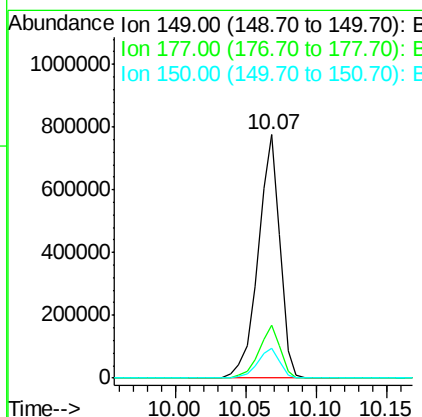
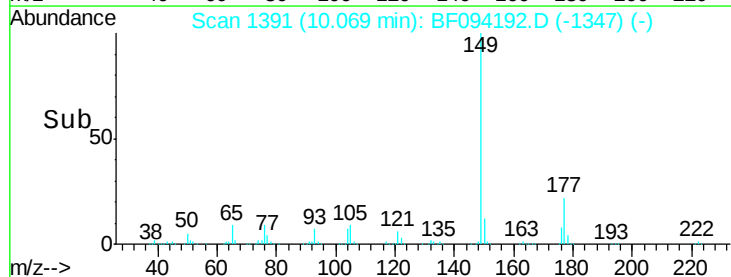
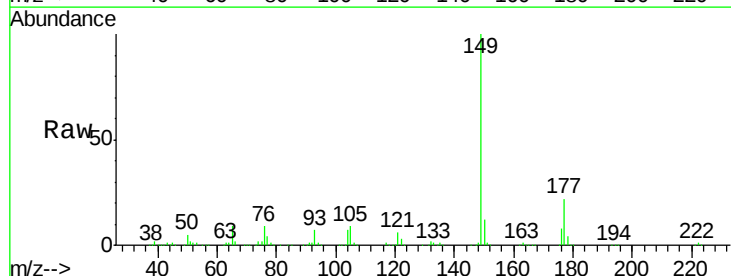
Manual Integrations
 APPROVED

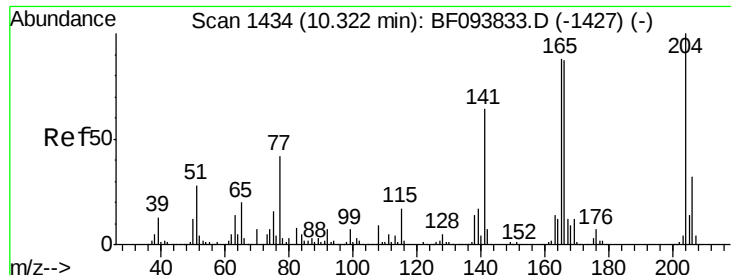
mohammad
 4/6/2017 3:38:31 PM



#59
 Diethylphthalate
 Concen: 37.99 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.4	10.2	15.2





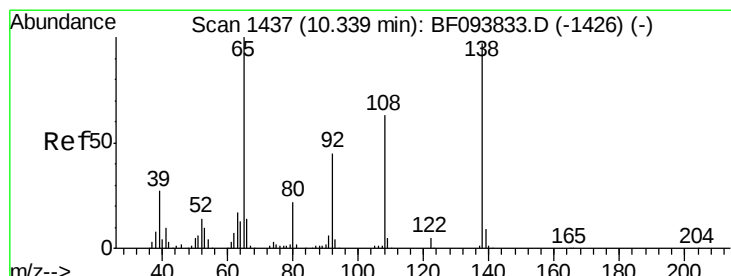
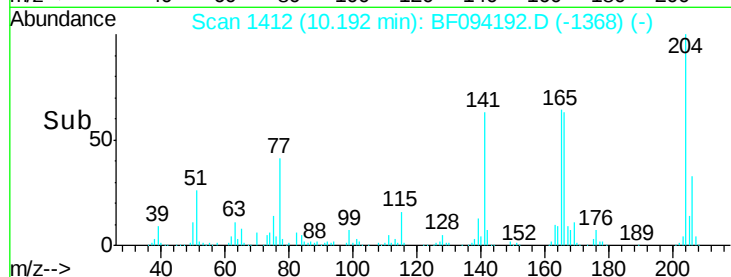
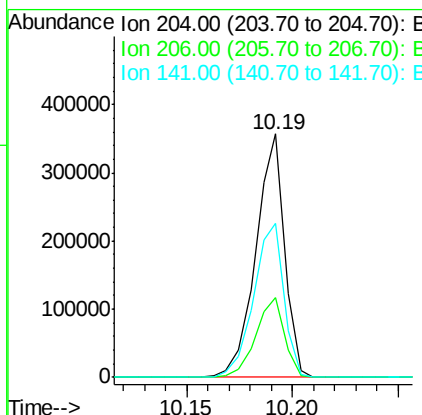
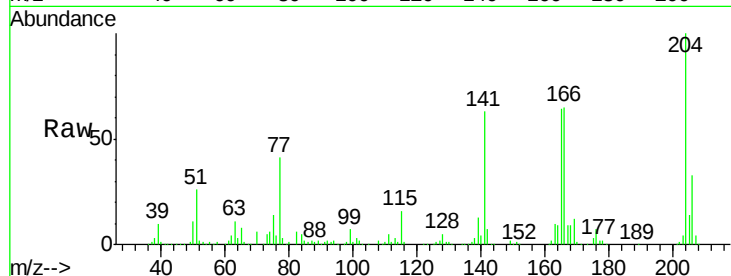
#60
 4-Chlorophenyl-phenylether
 Concen: 36.22 ng
 RT: 10.19 min Scan# 1412
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	63.0	60.8	91.2

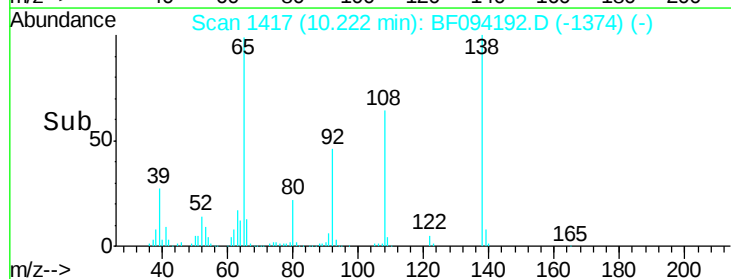
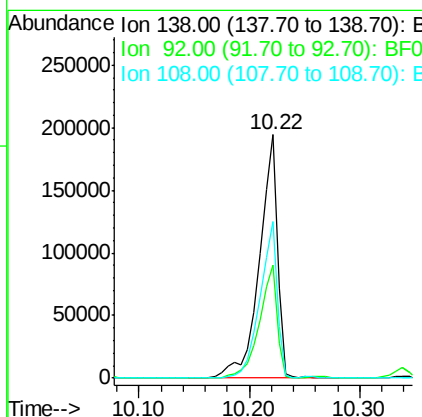
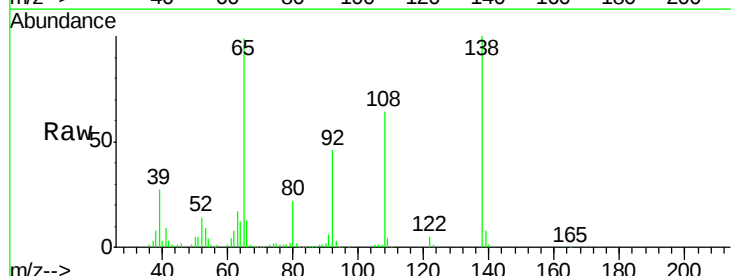
Manual Integrations
 APPROVED

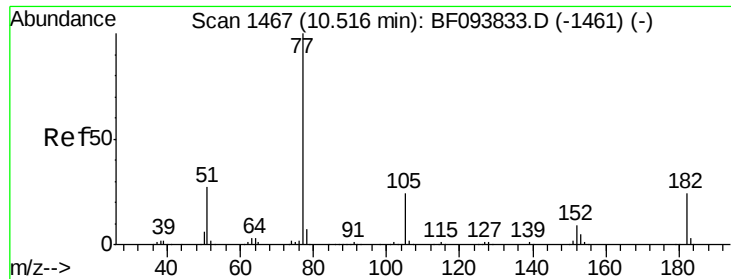
mohammad
 4/6/2017 3:38:31 PM



#61
 4-Nitroaniline
 Concen: 38.85 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	21.8	61.8
108	64.1	42.3	82.3





#62

Azobenzene

Concen: 38.90 ng

RT: 10.39 min Scan# 1445

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

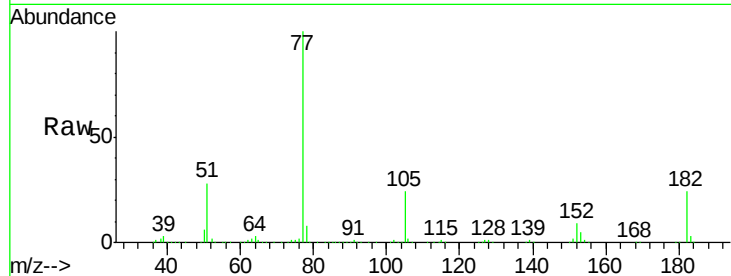
ClientSampleId :

CEMETERY-3(0-7)MS

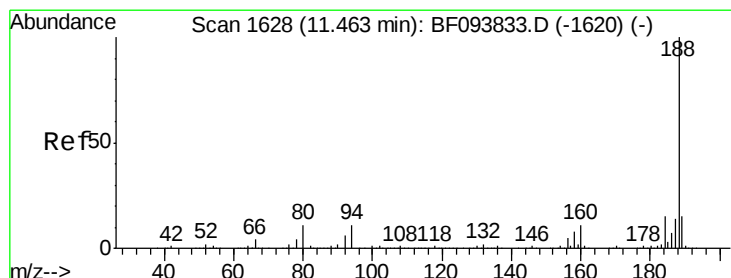
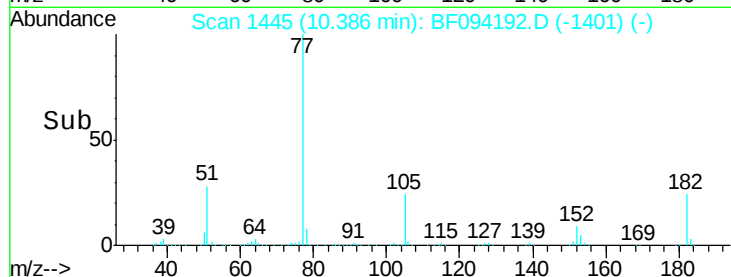
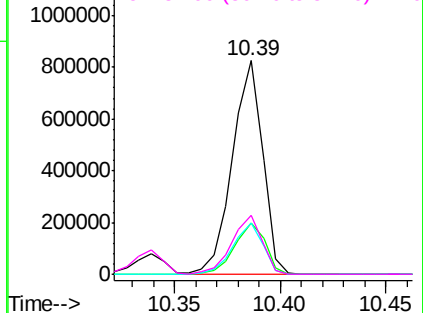
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.2	0.1	40.1	
105	24.1	3.6	43.6	
51	27.7	9.4	49.4	

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1605

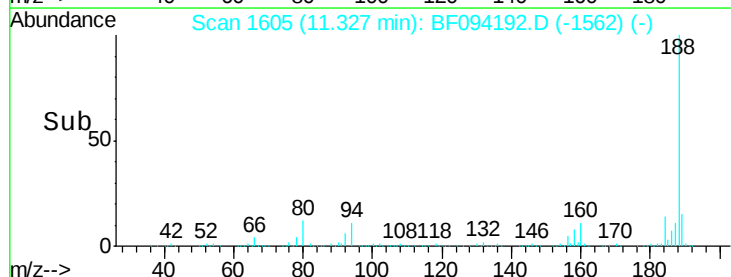
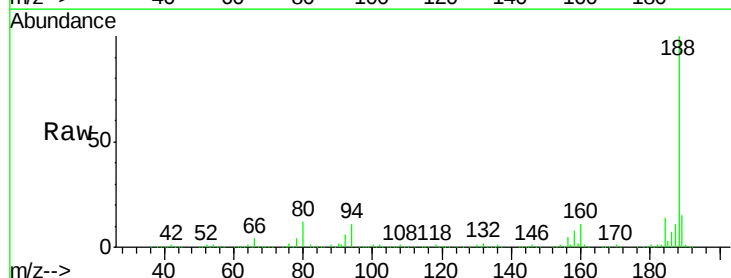
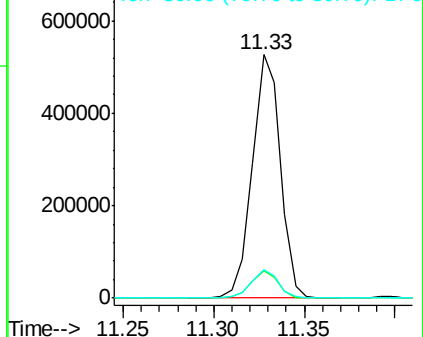
Delta R.T. -0.05 min

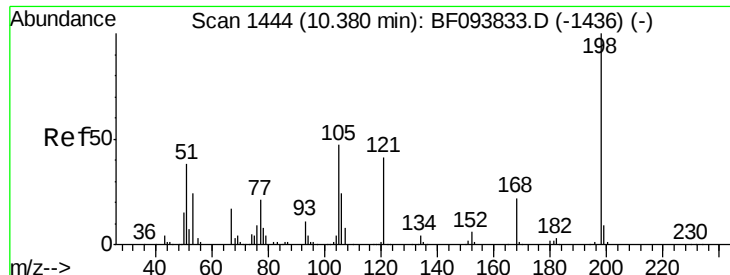
Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	11.5	10.2	15.2	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 16.56 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:198 Resp: 57388

Ion Ratio Lower Upper

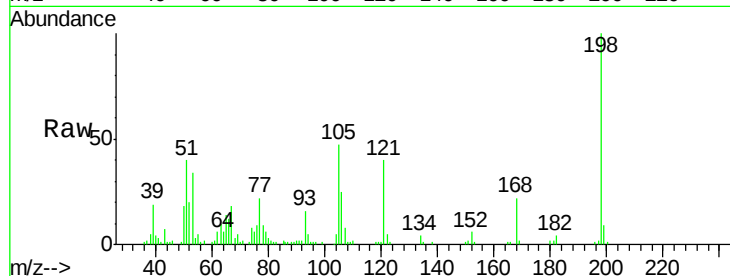
198 100

51 40.1 53.2 93.2#

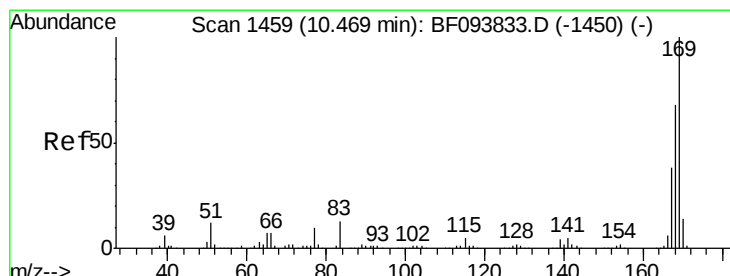
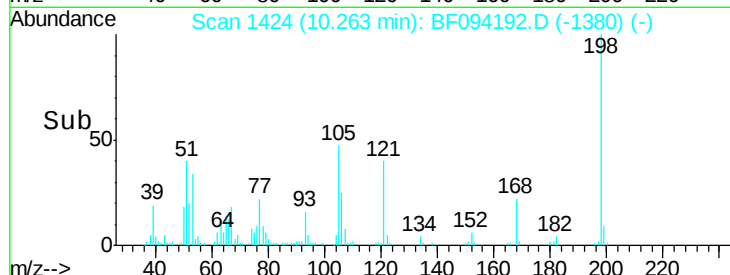
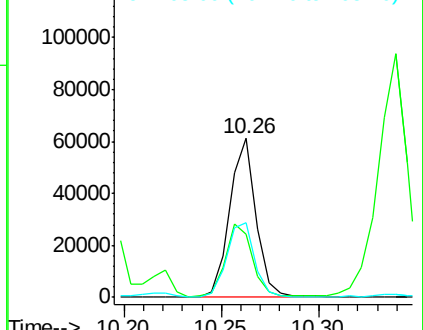
105 46.7 45.8 85.8

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.90 ng

RT: 10.34 min Scan# 1437

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

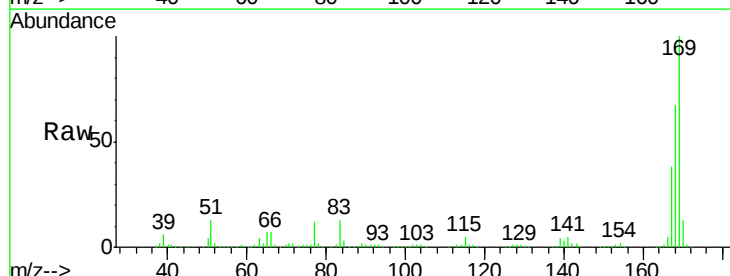
Tgt Ion:169 Resp: 722134

Ion Ratio Lower Upper

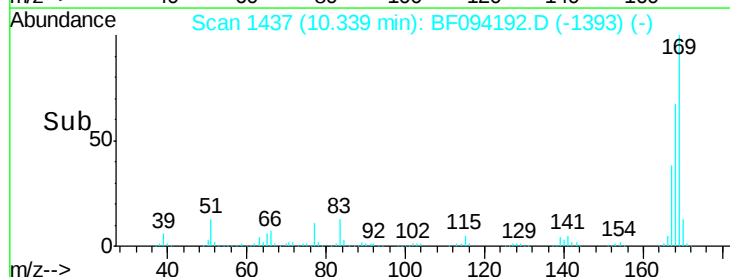
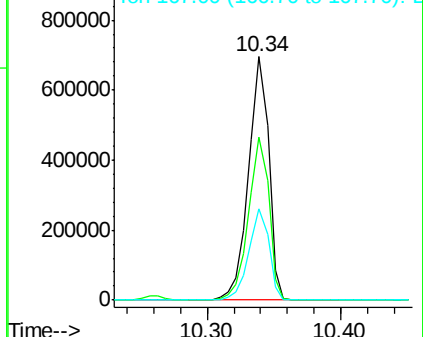
169 100

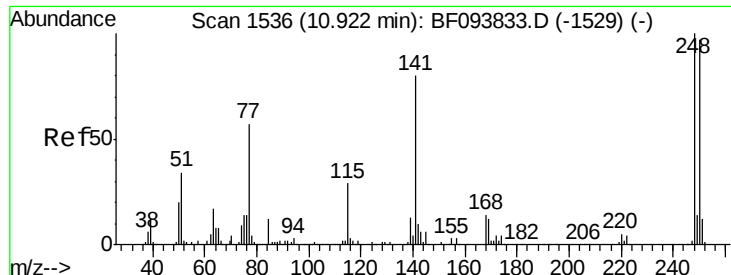
168 67.1 53.2 79.8

167 37.7 29.5 44.3



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





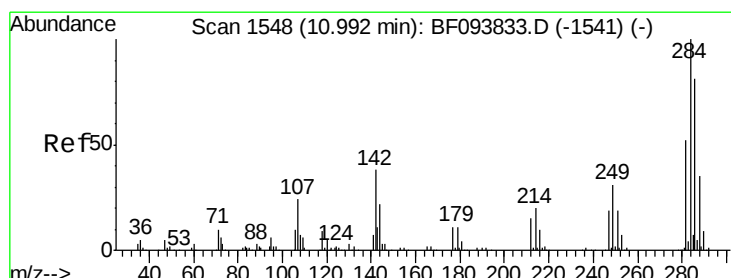
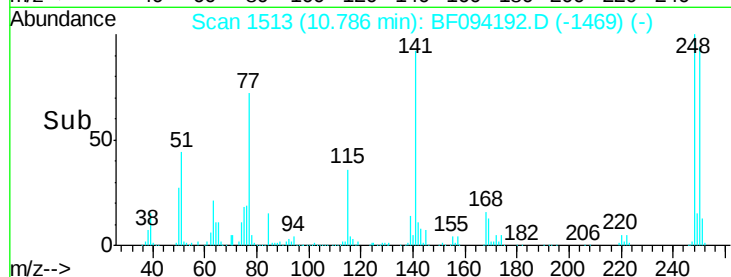
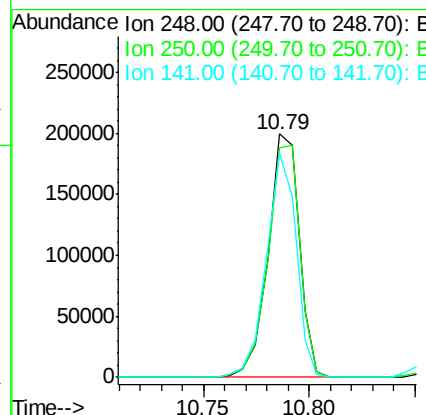
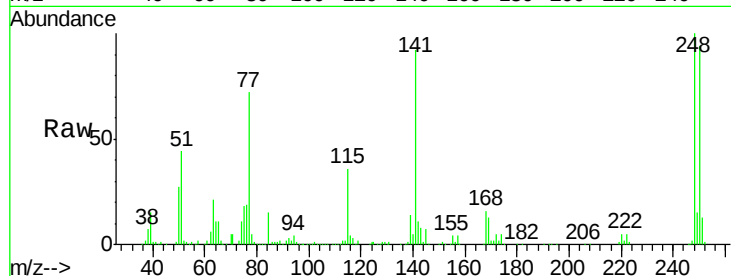
#66
 4-Bromophenyl-phenylether
 Concen: 36.93 ng
 RT: 10.79 min Scan# 1513
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.8	115.2
141	92.0	68.6	103.0

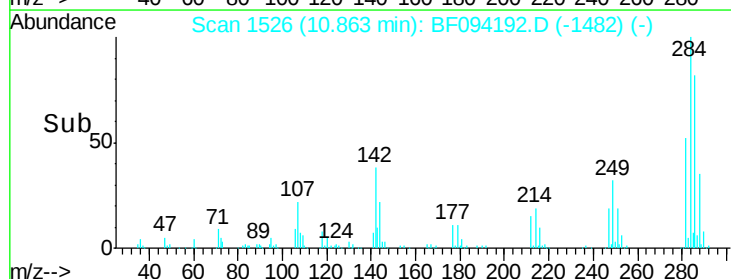
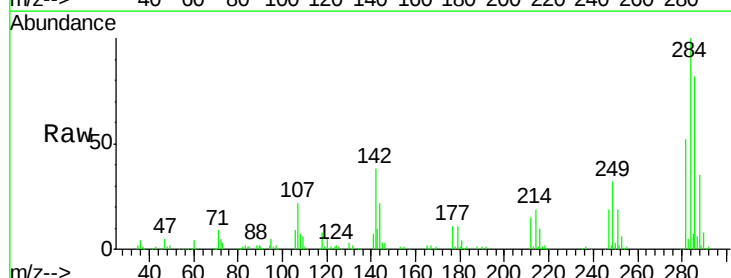
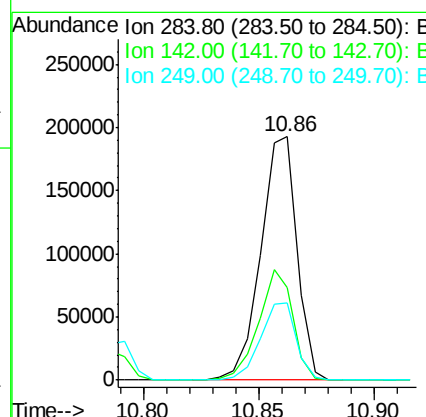
Manual Integrations
 APPROVED

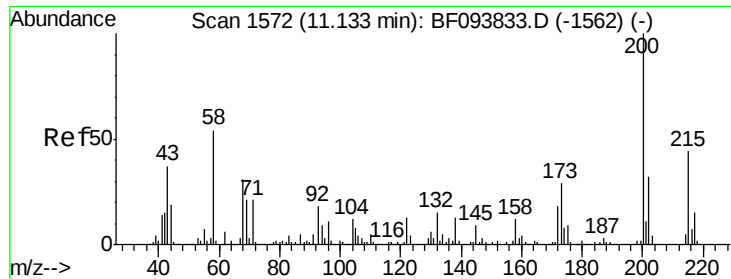
mohammad
 4/6/2017 3:38:31 PM



#67
 Hexachlorobenzene
 Concen: 37.26 ng
 RT: 10.86 min Scan# 1526
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	22.8	34.2#
249	31.8	24.0	36.0





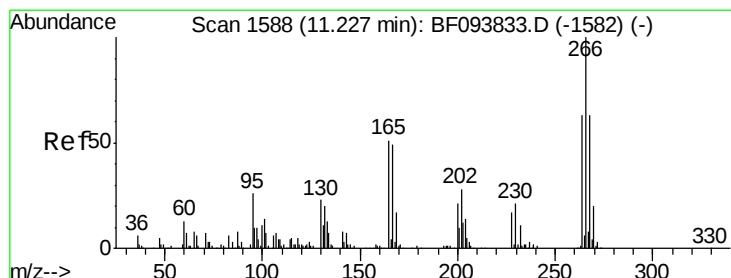
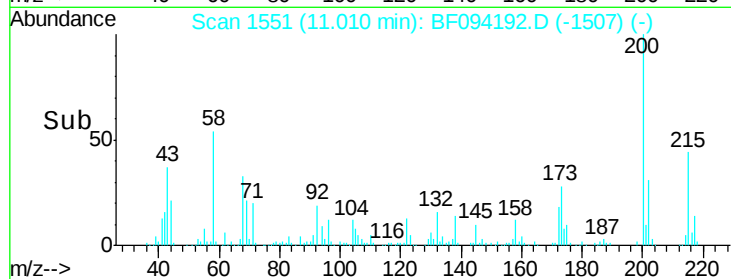
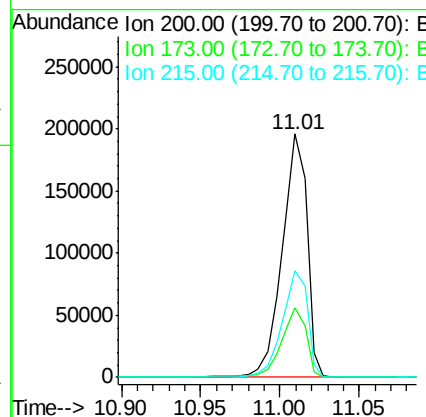
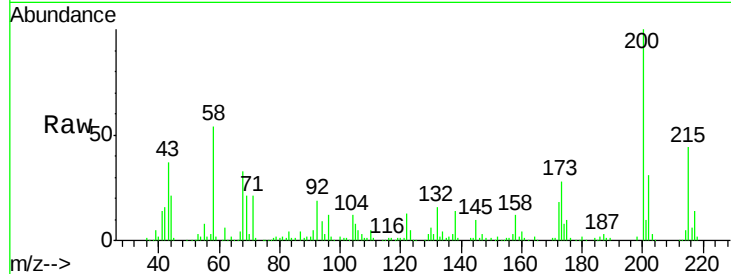
#68
Atrazine
Concen: 36.38 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.3	46.3
215	43.9	27.2	67.2

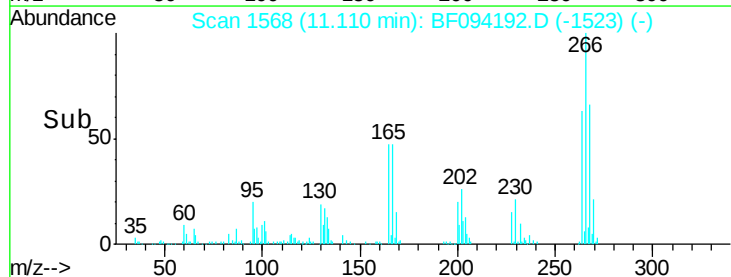
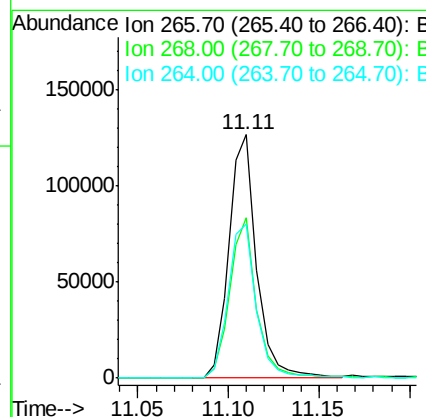
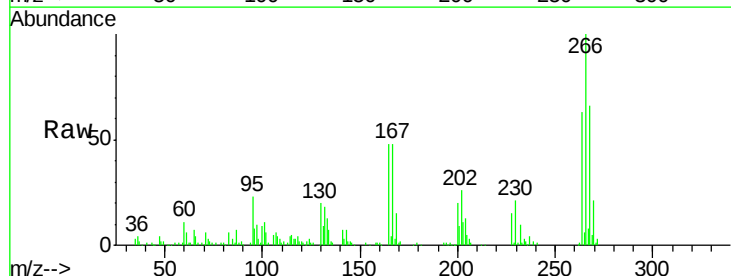
Manual Integrations
APPROVED

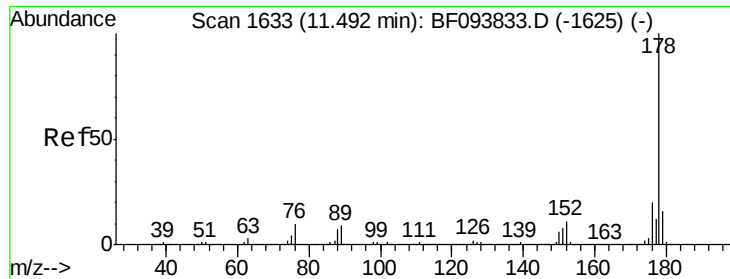
mohammad
4/6/2017 3:38:31 PM



#69
Pentachlorophenol
Concen: 38.28 ng
RT: 11.11 min Scan# 1568
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	63.4	51.7	77.5





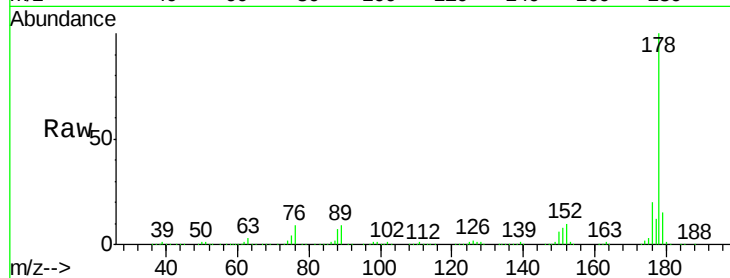
#70
Phenanthrene
Concen: 36.12 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

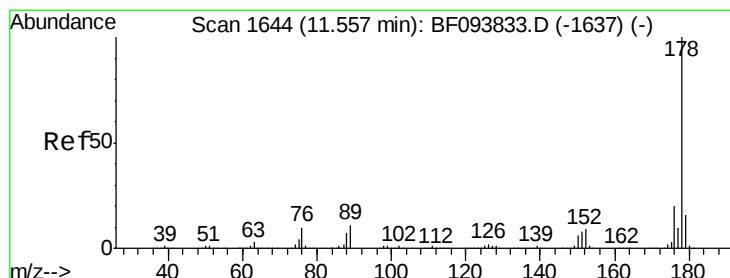
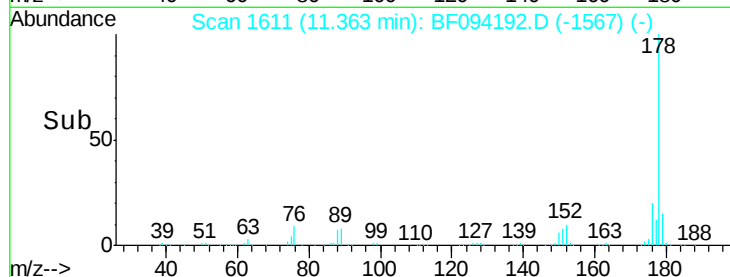
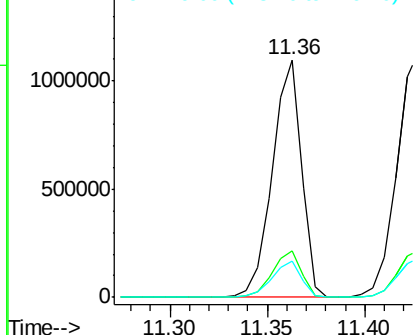
Tot Ion:178 Resp: 1137053
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.2 12.6 19.0

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



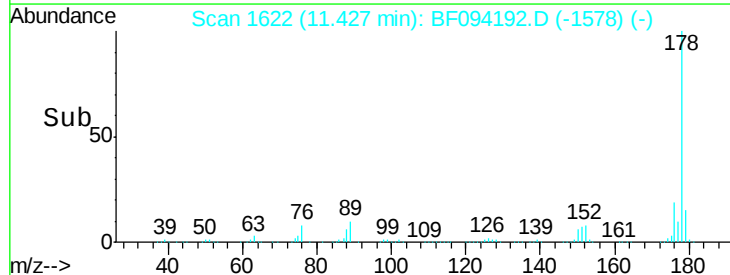
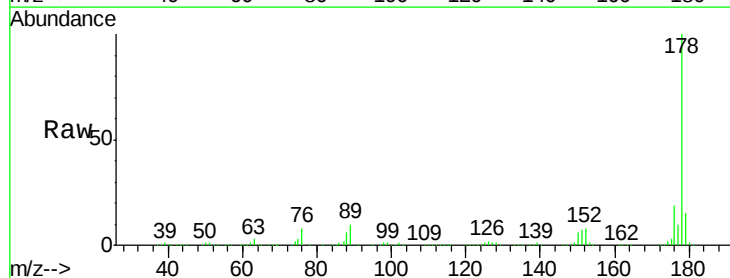
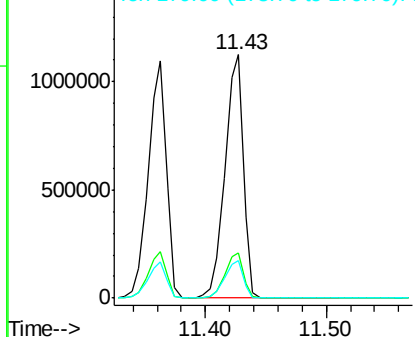
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

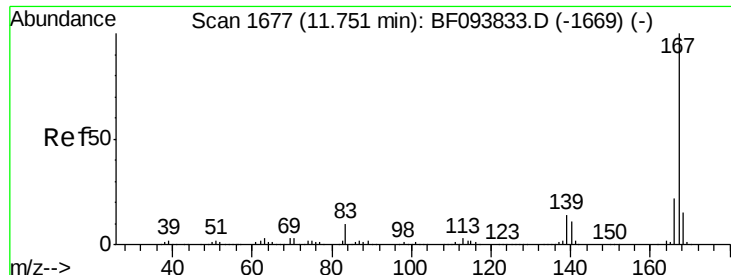


#71
Anthracene
Concen: 36.56 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:178 Resp: 1184925
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.3 12.7 19.1

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





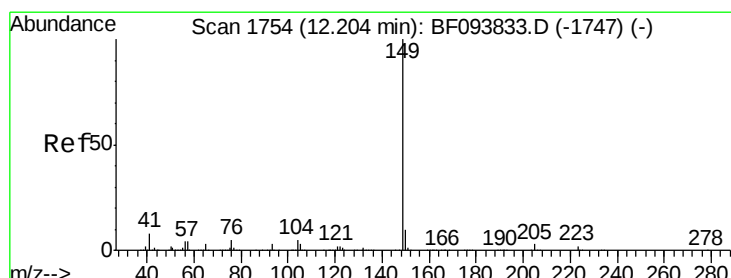
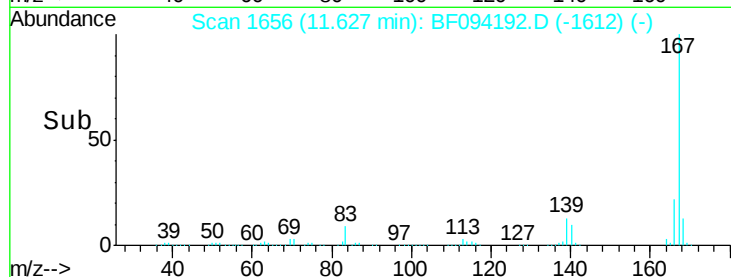
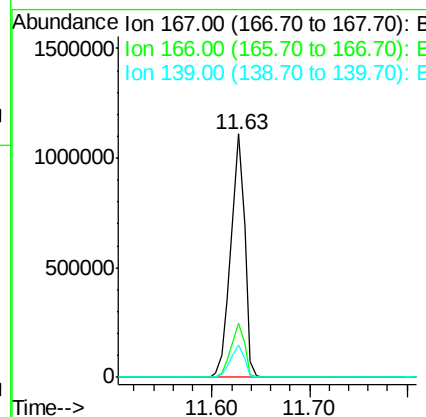
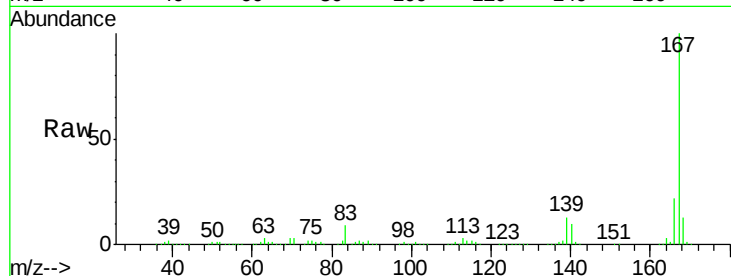
#72
 Carbazole
 Concen: 33.36 ng
 RT: 11.63 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.4	11.7	17.5

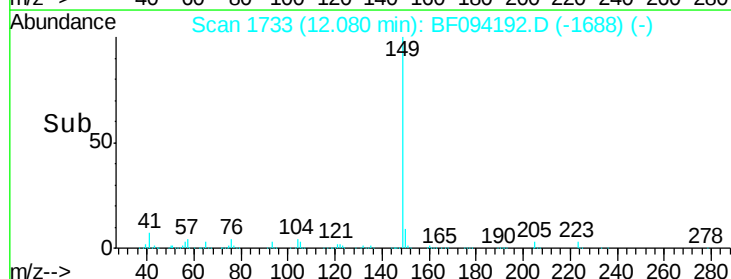
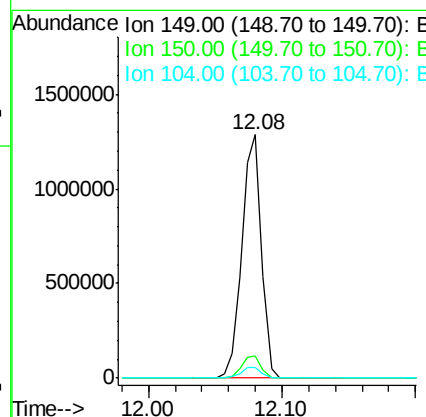
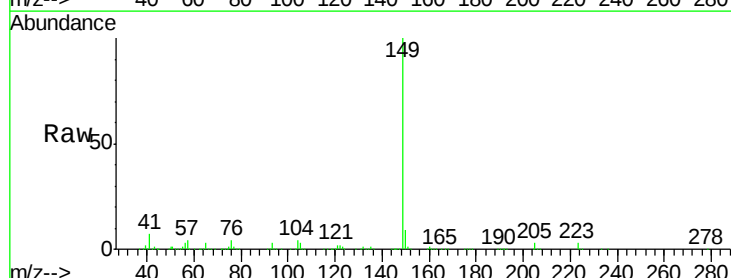
Manual Integrations
 APPROVED

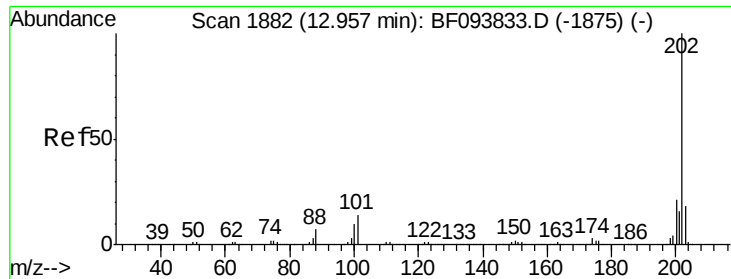
mohammad
 4/6/2017 3:38:31 PM



#73
 Di-n-butylphthalate
 Concen: 37.84 ng
 RT: 12.08 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.4	4.0	6.0





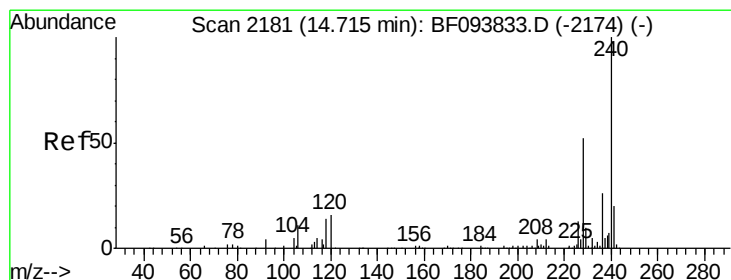
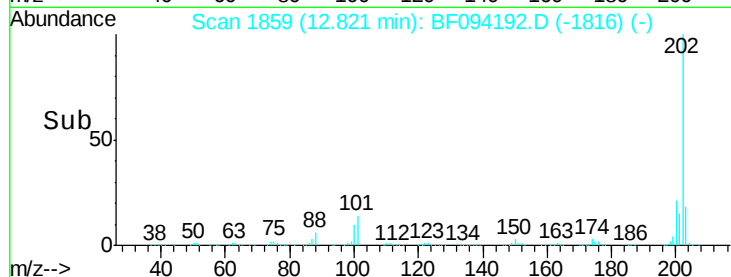
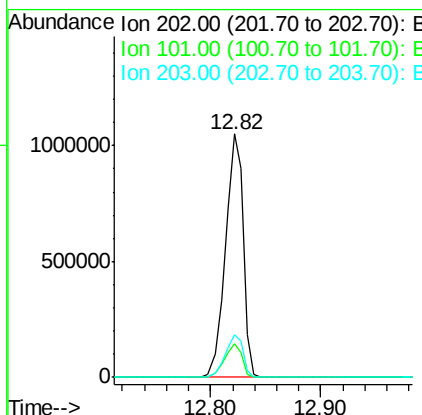
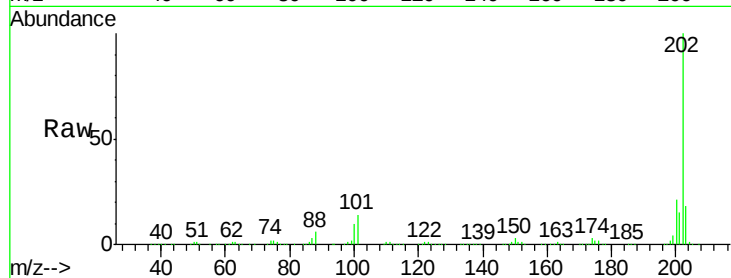
#74
 Fluoranthene
 Concen: 36.55 ng
 RT: 12.82 min Scan# 1859
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.6	0.0	38.1

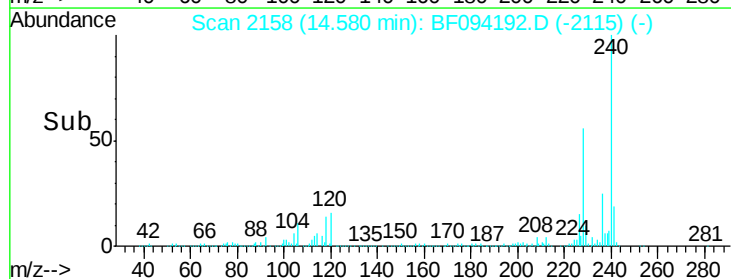
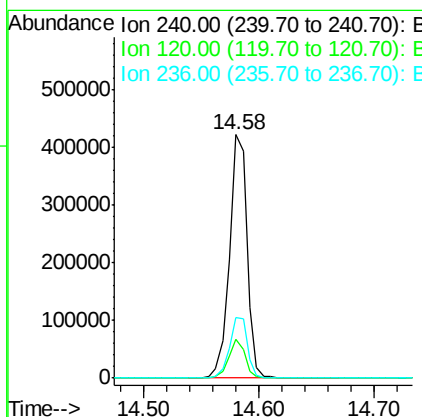
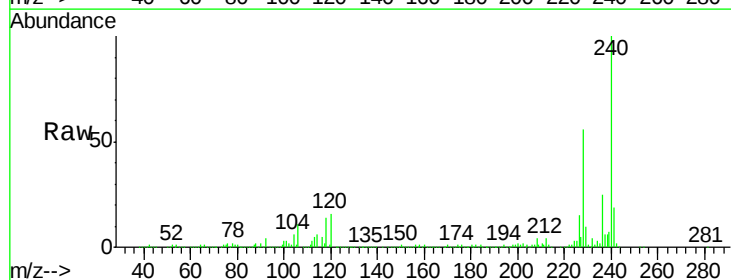
Manual Integrations
 APPROVED

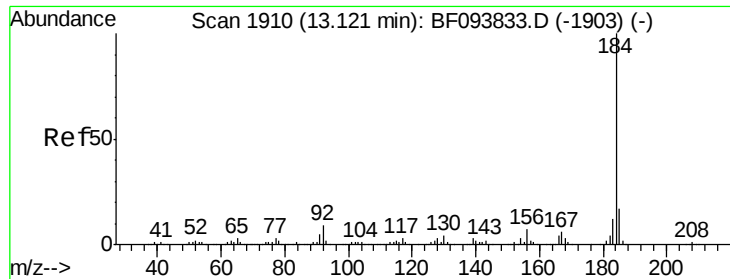
mohammad
 4/6/2017 3:38:31 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.58 min Scan# 2158
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.0	20.5	30.7





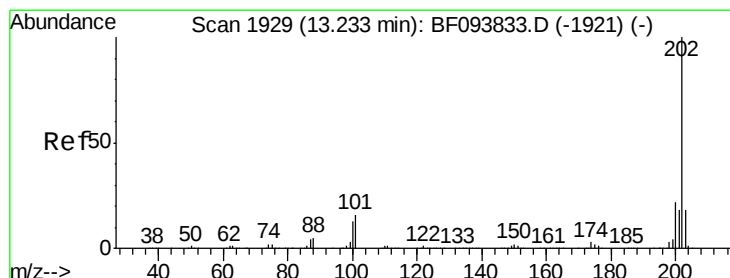
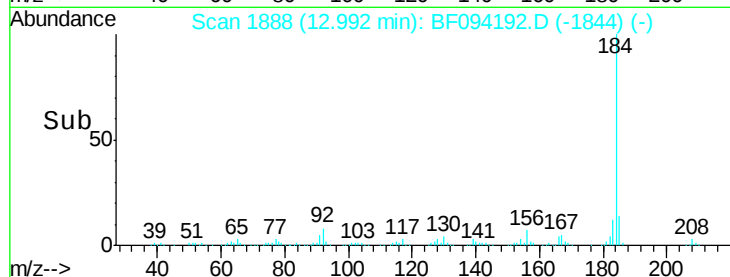
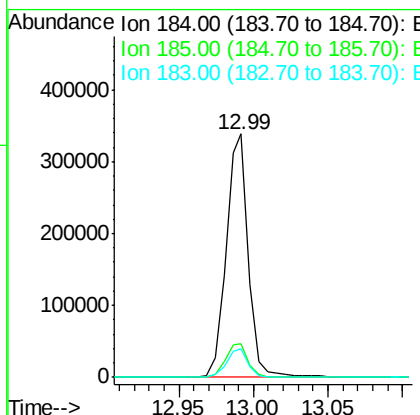
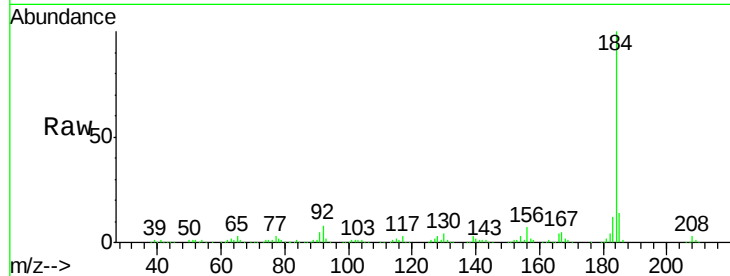
#76
Benzidine
Concen: 20.11 ng
RT: 12.99 min Scan# 1888
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.6	15.5	23.3#
183	12.0	9.8	14.6

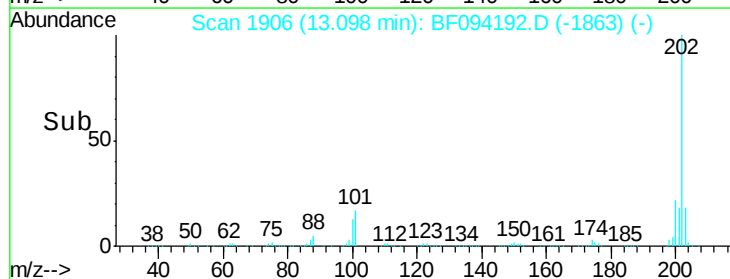
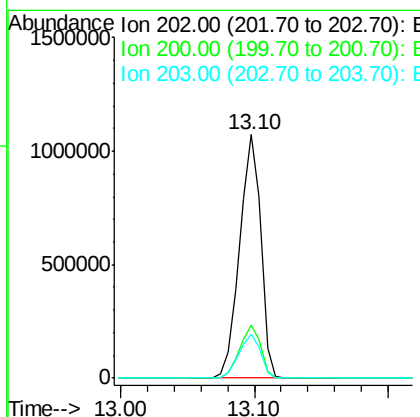
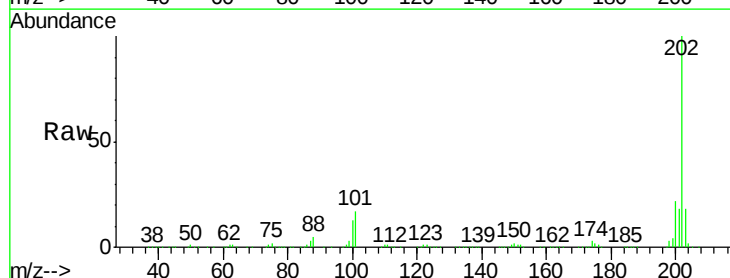
Manual Integrations
APPROVED

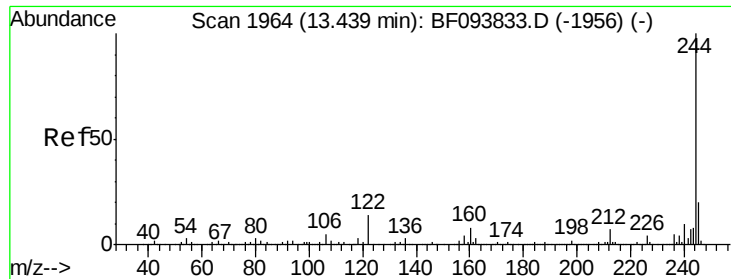
mohammad
4/6/2017 3:38:31 PM



#77
Pyrene
Concen: 36.71 ng
RT: 13.10 min Scan# 1906
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.8	14.4	21.6





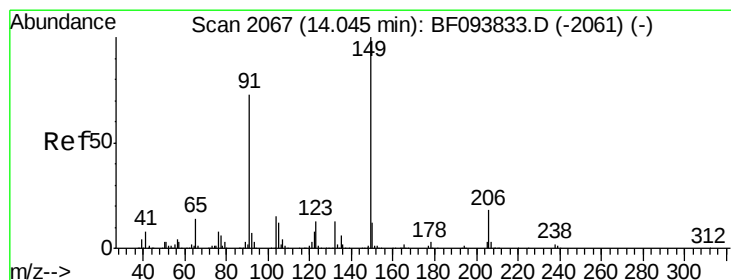
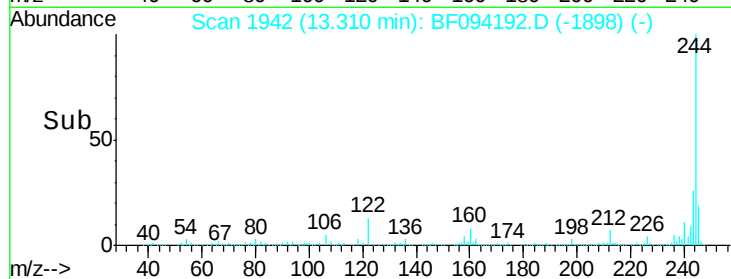
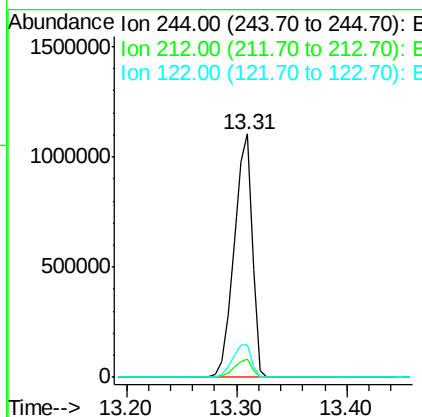
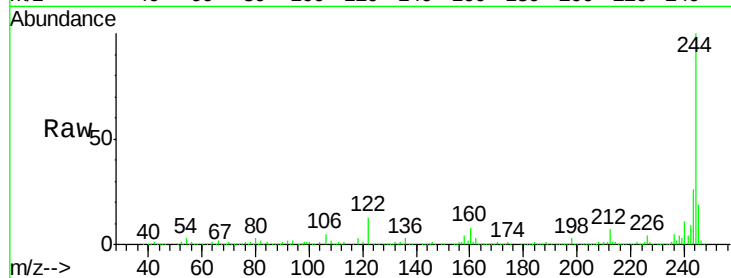
#78
 Terphenyl-d14
 Concen: 64.21 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.2	10.3	15.5

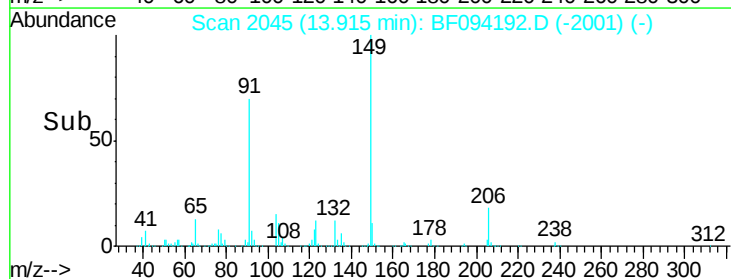
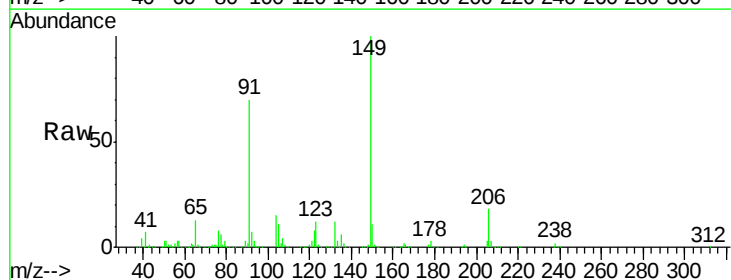
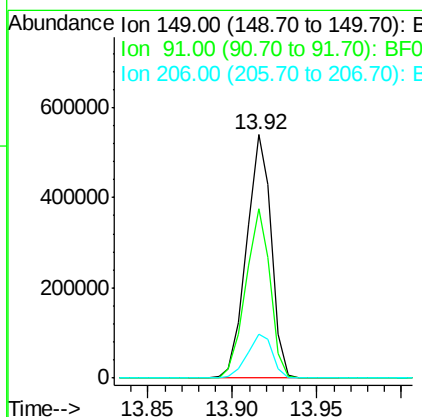
Manual Integrations
 APPROVED

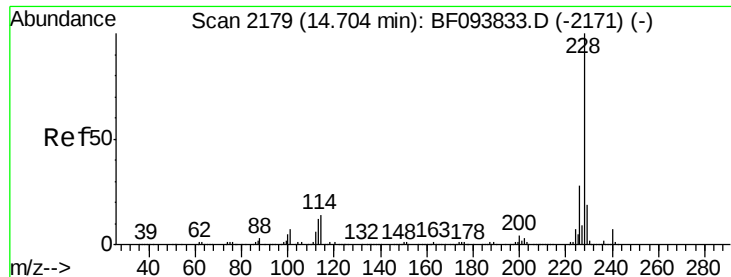
mohammad
 4/6/2017 3:38:31 PM



#79
 Butylbenzylphthalate
 Concen: 40.30 ng
 RT: 13.92 min Scan# 2045
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	45.0	67.4#
206	18.0	17.0	25.6





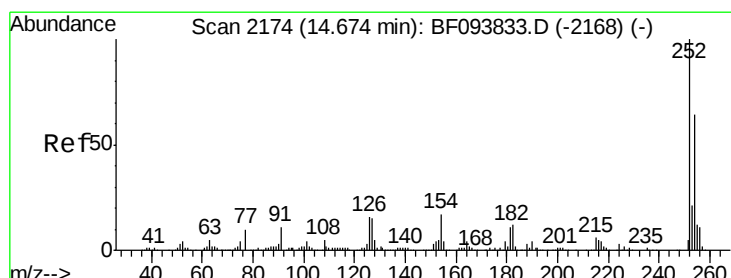
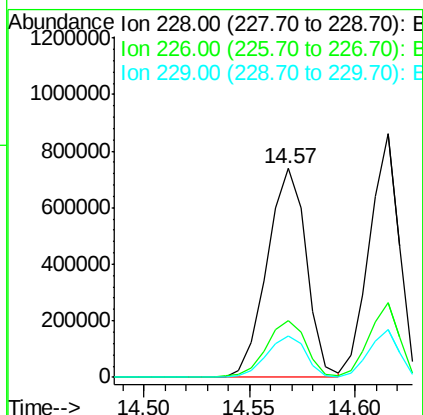
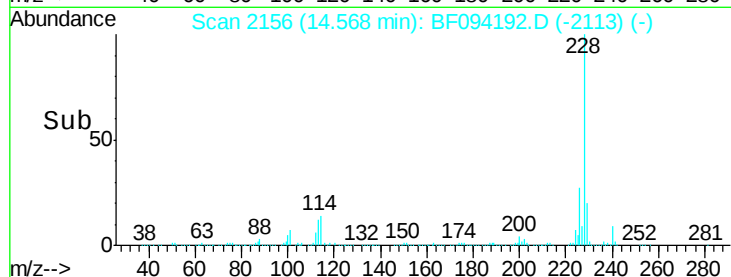
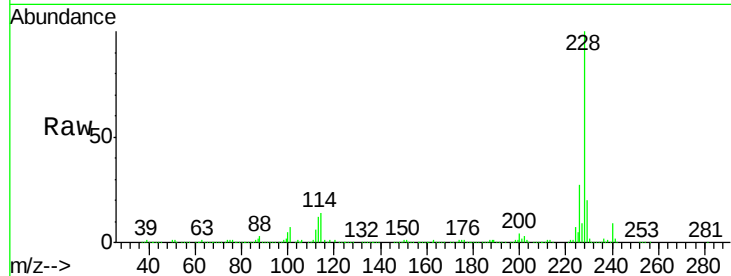
#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 14.57 min Scan# 2156
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion:228	Resp:	957579
Ion Ratio	Lower	Upper
228 100		
226 27.4	22.6	33.8
229 19.7	16.3	24.5

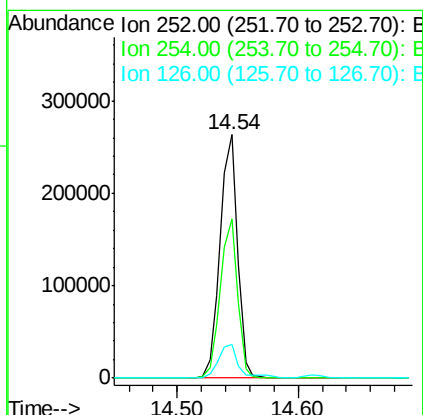
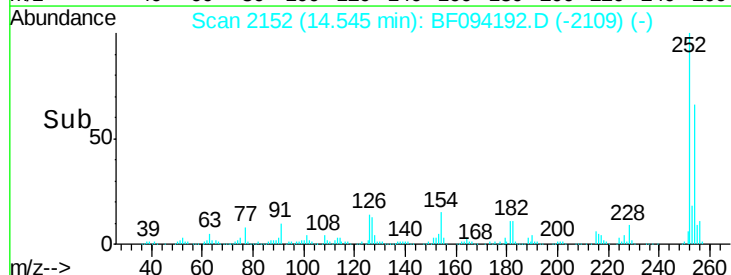
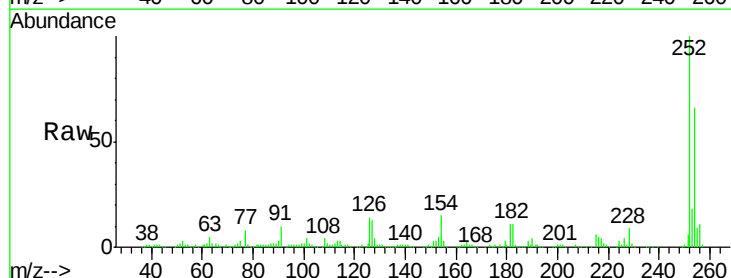
Manual Integrations
APPROVED

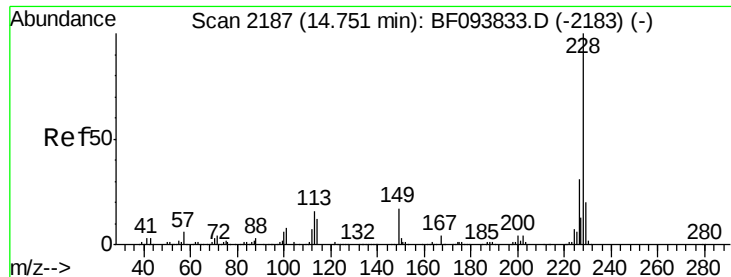
mohammad
4/6/2017 3:38:31 PM



#81
3,3'-Dichlorobenzidine
Concen: 28.43 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:252	Resp:	263054
Ion Ratio	Lower	Upper
252 100		
254 65.5	51.5	77.3
126 13.8	15.8	23.8#





#82

Chrvsene

Concen: 35.37 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

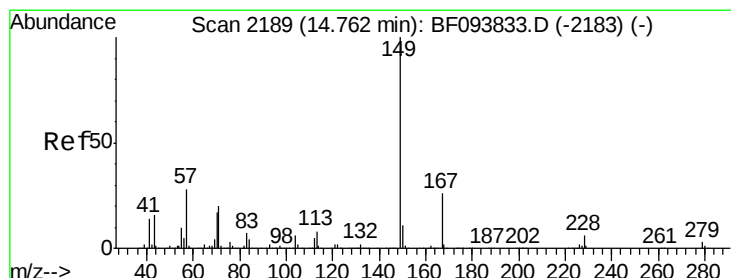
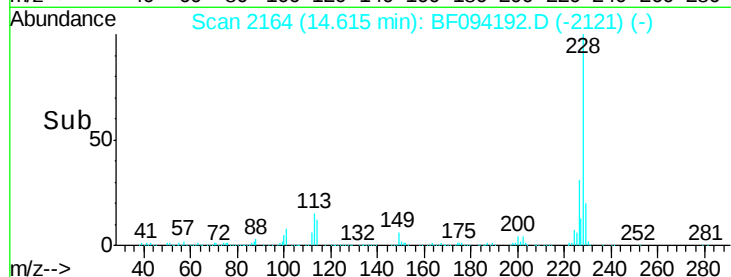
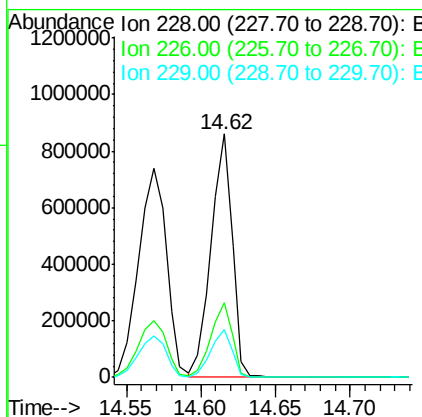
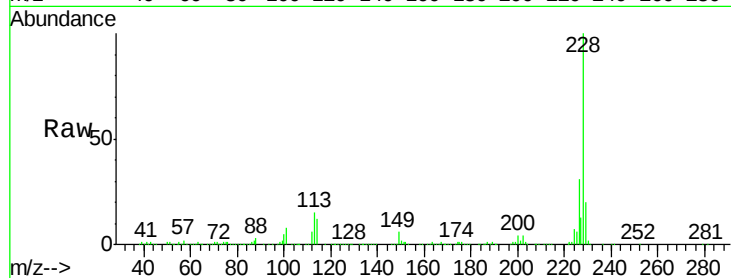
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:	228	Resp:	849468
Ion Ratio		Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.6	15.8	23.6

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.80 ng

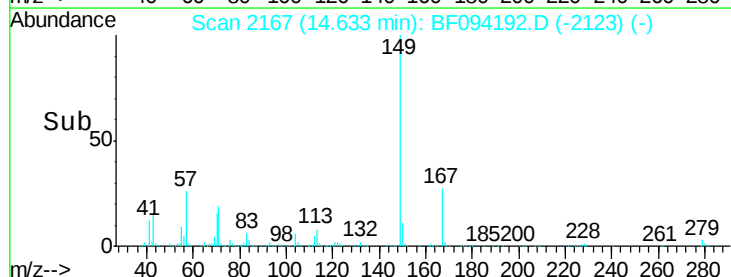
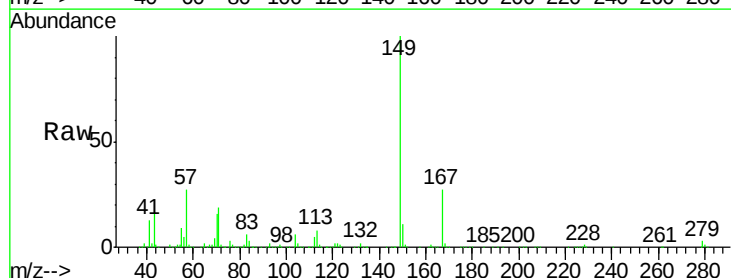
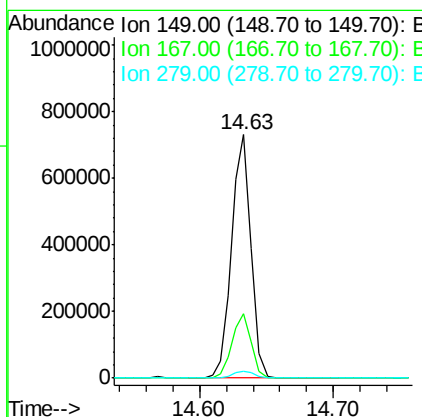
RT: 14.63 min Scan# 2167

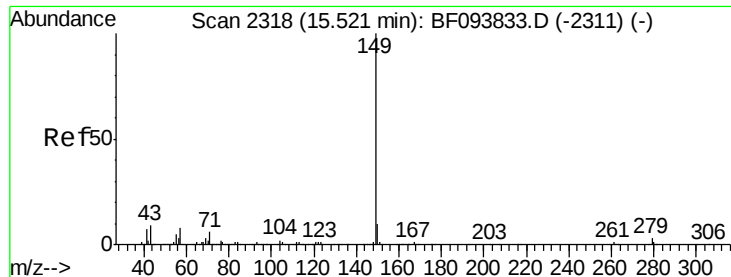
Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion:	149	Resp:	745173
Ion Ratio		Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.0	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 36.80 ng

RT: 15.39 min Scan# 2295

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

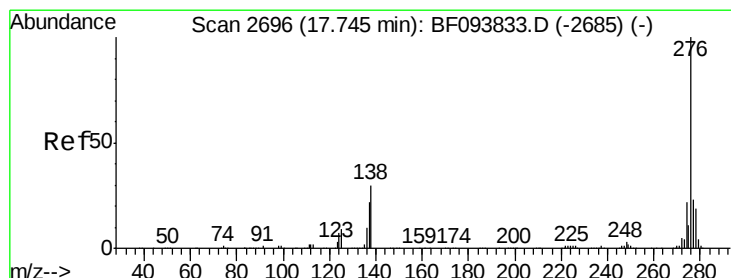
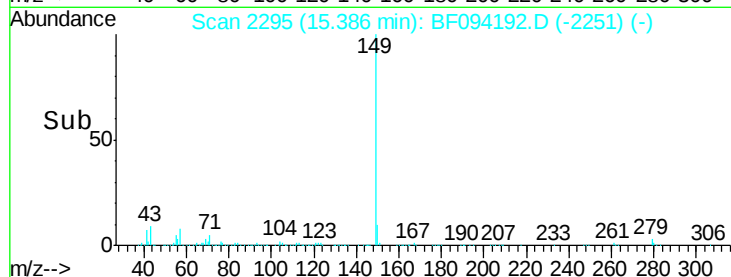
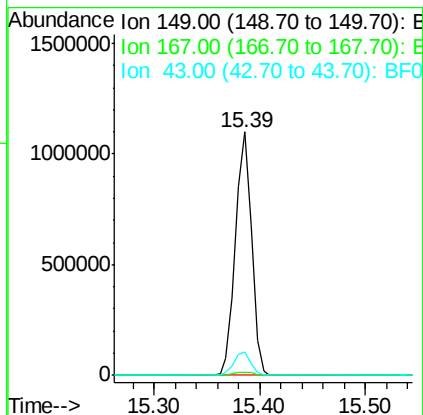
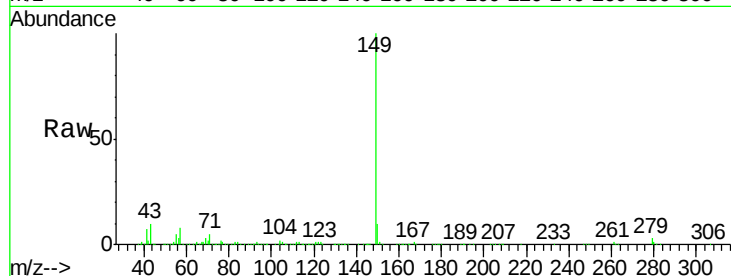
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:	149	Resp:	1151279
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.45 ng

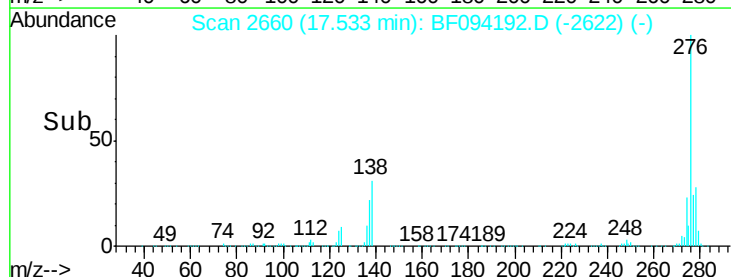
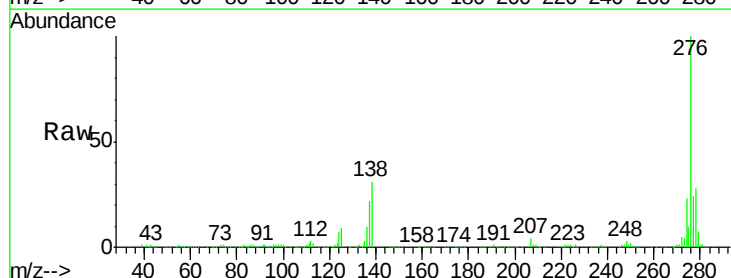
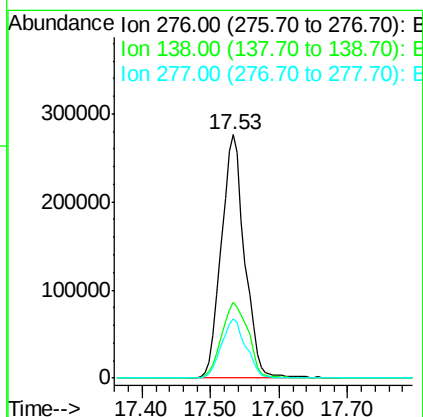
RT: 17.53 min Scan# 2660

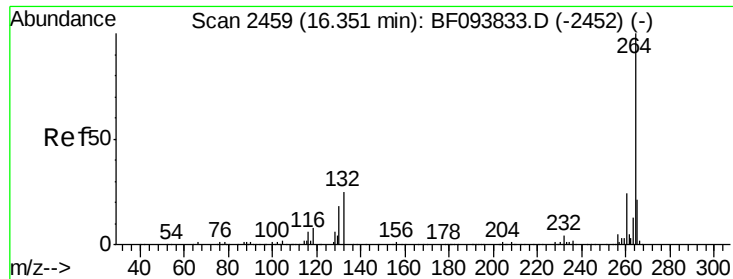
Delta R.T. -0.08 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion:	276	Resp:	654262
Ion Ratio	Lower	Upper	
276	100		
138	35.2	27.8	41.6
277	25.3	20.2	30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.20 min Scan# 2434

Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

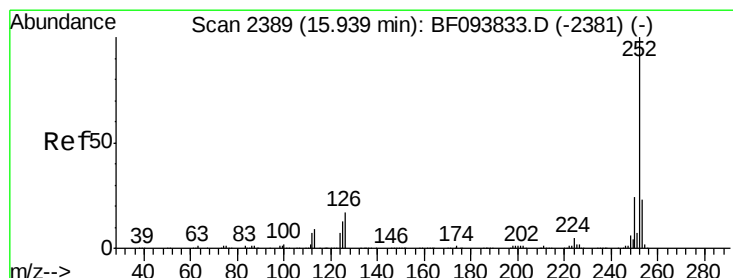
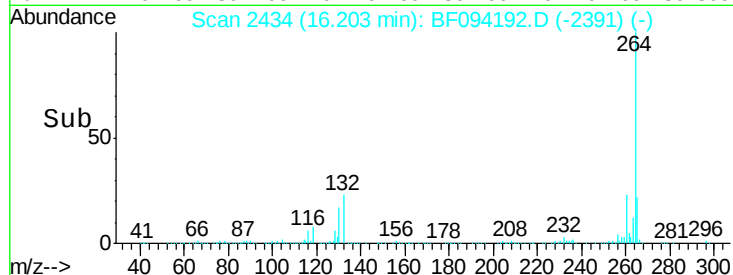
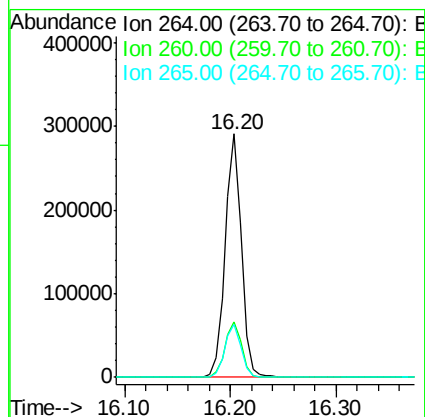
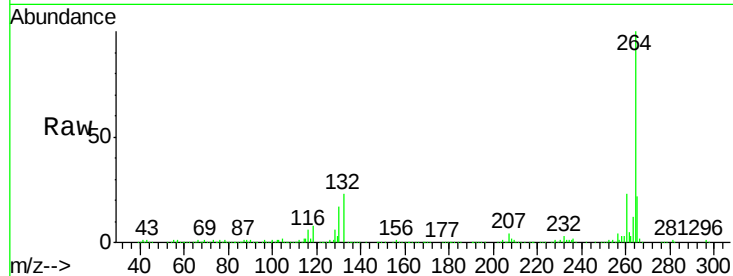
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:	264	Resp:	313825
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#87

Benzo(b)fluoranthene

Concen: 38.70 ng

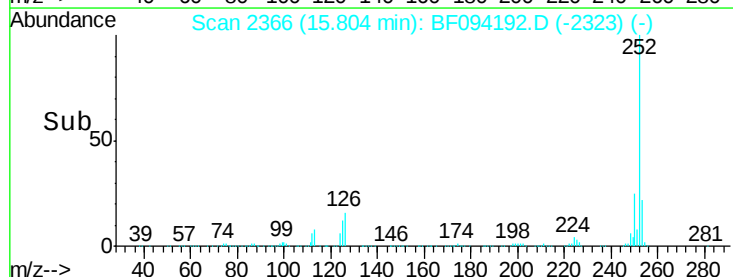
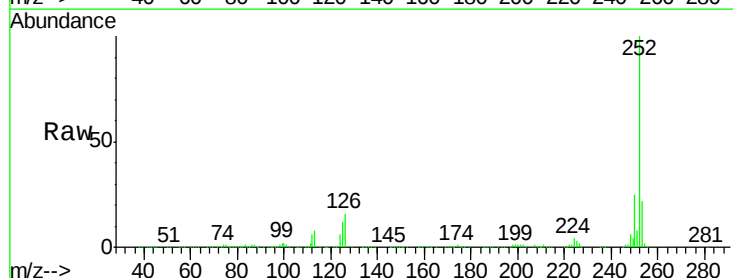
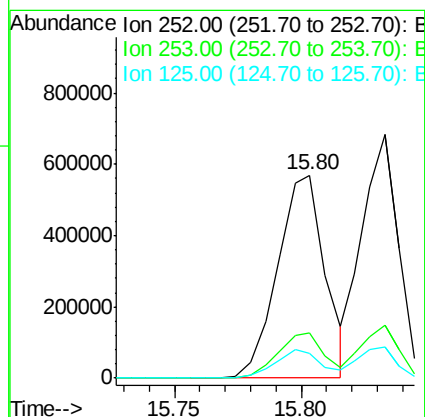
RT: 15.80 min Scan# 2366

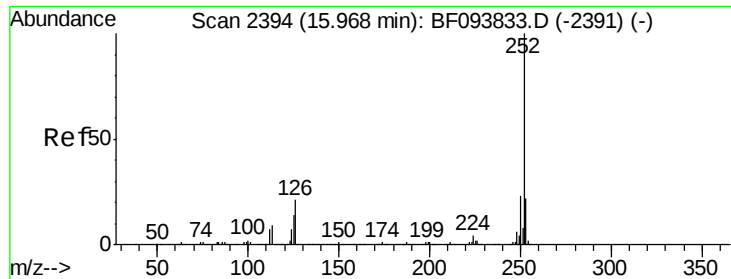
Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion:	252	Resp:	744507
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	12.3	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 37.07 ng

RT: 15.83 min Scan# 2371

Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

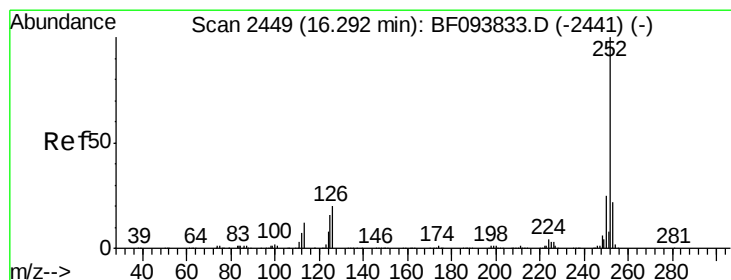
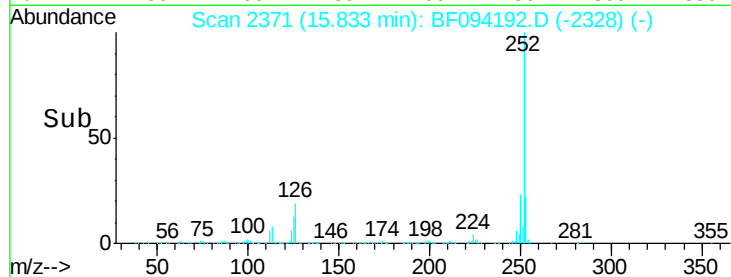
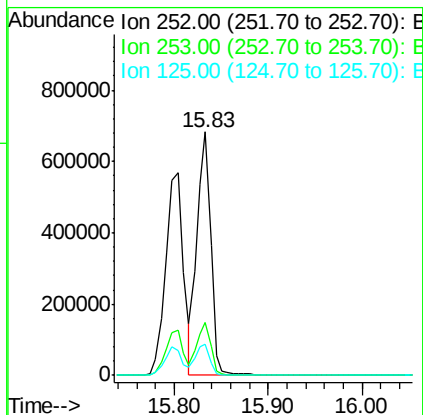
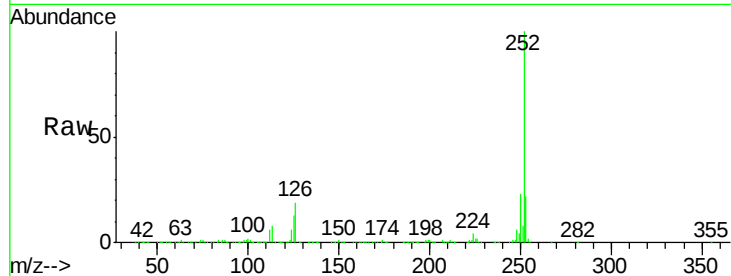
ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.0	13.1	19.7#

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#89

Benzo(a)pyrene

Concen: 36.87 ng

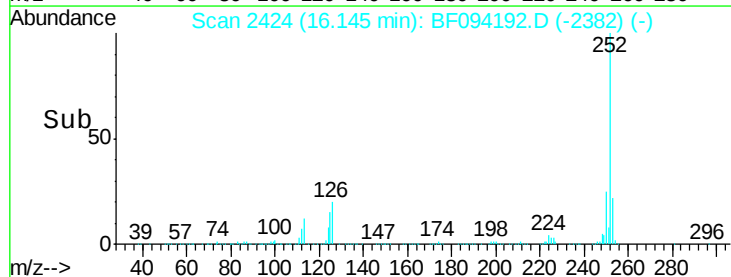
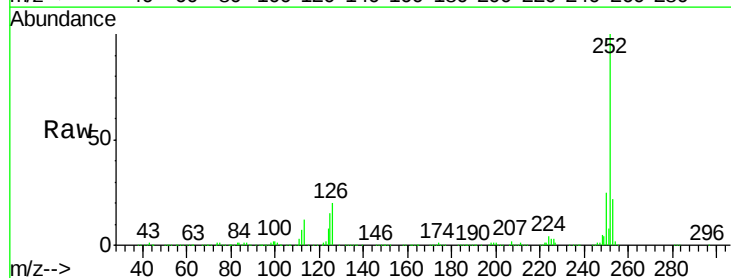
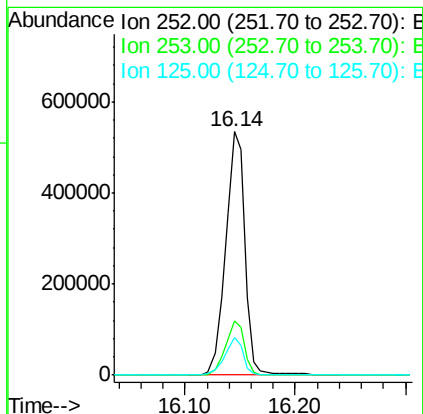
RT: 16.14 min Scan# 2424

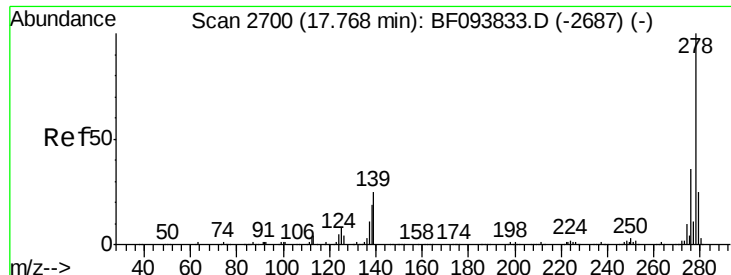
Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.4	11.0	16.4





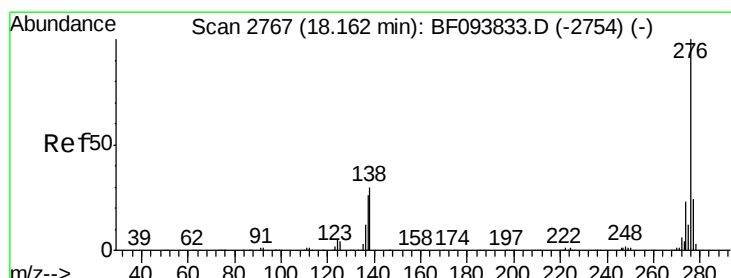
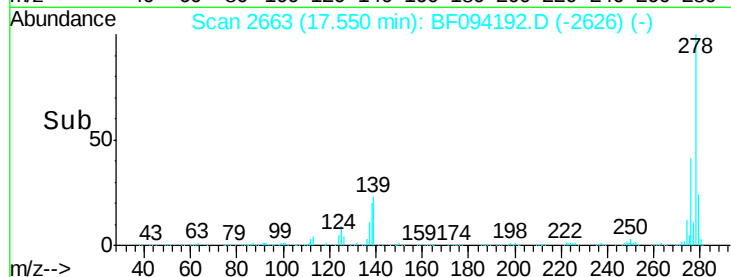
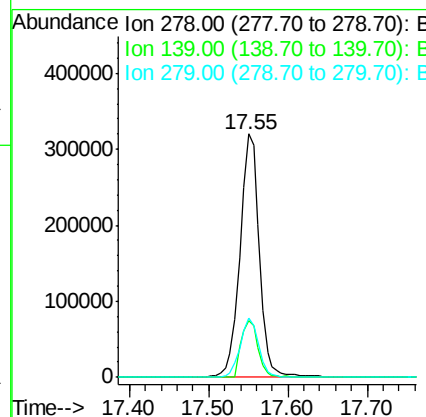
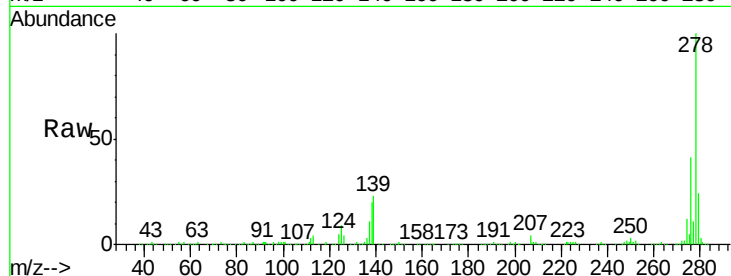
#90
Dibenzo(a,h)anthracene
Concen: 36.28 ng
RT: 17.55 min Scan# 2663
Delta R.T. -0.08 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	24.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:31 PM



#91
Benzo(g,h,i)perylene
Concen: 36.95 ng
RT: 17.93 min Scan# 2727
Delta R.T. -0.08 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	27.6	25.4	38.0

