

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094237.D
 Acq On : 6 Apr 2017 19:22
 Operator : SJ/MA
 Sample : I2534-13MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:21:02 PM

Quant Time: Apr 07 01:26:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	167169	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	700624	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	325652	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	577069	20.00	ng	0.00
75) Chrysene-d12	14.57	240	387504	20.00	ng	0.00
86) Perylene-d12	16.19	264	286048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1386599	140.10	ng	0.01
7) Phenol-d6	5.47	99	1793067	146.44	ng	0.00
23) Nitrobenzene-d5	6.51	82	1116216	90.92	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	389126	151.21	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1958519	91.73	ng	0.00
78) Terphenyl-d14	13.30	244	1578843	91.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	189118	39.77	ng	97
3) Pyridine	2.73	79	517528	39.93	ng	97
4) n-Nitrosodimethylamine	2.69	42	261353	49.01	ng	91
6) Aniline	5.48	93	298070	17.50	ng	# 1
8) 2-Chlorophenol	5.62	128	559539	51.43	ng	97
9) Benzaldehyde	5.35	77	278392	33.67	ng	99
10) Phenol	5.49	94	682529	48.99	ng	96
11) bis(2-Chloroethyl)ether	5.56	93	529756	48.65	ng	99
12) 1,3-Dichlorobenzene	5.79	146	579105	47.46	ng	98
13) 1,4-Dichlorobenzene	5.87	146	585709	47.39	ng	98
14) 1,2-Dichlorobenzene	6.05	146	547989	48.14	ng	95
15) Benzyl Alcohol	6.03	79	460644	51.40	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.19	45	740293	44.12	ng	97
17) 2-Methylphenol	6.17	107	477475	51.25	ng	97
18) Hexachloroethane	6.44	117	206734	47.59	ng	# 82
19) n-Nitroso-di-n-propylamine	6.35	70	391670	49.77	ng	97
20) 3+4-Methylphenols	6.35	107	611081	54.15	ng	# 63
22) Acetophenone	6.33	105	798242	51.12	ng	# 87
24) Nitrobenzene	6.53	77	582952	48.15	ng	96
25) Isophorone	6.82	82	1073632	49.77	ng	97
26) 2-Nitrophenol	6.90	139	328379	56.87	ng	99
27) 2,4-Dimethylphenol	6.97	122	478449	48.09	ng	99
28) bis(2-Chloroethoxy)methane	7.08	93	689023	48.43	ng	99
29) 2,4-Dichlorophenol	7.20	162	500264	53.78	ng	98
30) 1,2,4-Trichlorobenzene	7.29	180	468367	48.88	ng	99
31) Naphthalene	7.39	128	1591386	47.24	ng	99
32) Benzoic acid	7.10	122	122946	18.56	ng	98
33) 4-Chloroaniline	7.45	127	153901	11.27	ng	# 92
34) Hexachlorobutadiene	7.54	225	225655	45.93	ng	97
35) Caprolactam	7.90	113	166412m	56.10	ng	
36) 4-Chloro-3-methylphenol	8.07	107	541093	55.67	ng	88
37) 2-Methylnaphthalene	8.23	142	1114121	49.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	403231	45.26	ng	99
40) Hexachlorocyclopentadiene	8.42	237	302548	72.57	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	335551	53.24	nq	99
43) 2,4,5-Trichlorophenol	8.63	196	347436	50.94	nq	95
45) 1,1'-Biphenyl	8.80	154	1218737	46.40	nq	98
46) 2-Chloronaphthalene	8.82	162	984811	47.90	nq	94
47) 2-Nitroaniline	8.95	65	316659	51.92	nq	86
48) Acenaphthylene	9.33	152	1549888	45.36	nq	99
49) Dimethylphthalate	9.20	163	1335958	57.71	nq	100
50) 2,6-Dinitrotoluene	9.26	165	277071	52.21	nq	# 86
51) Acenaphthene	9.54	154	926518	46.47	nq	99
52) 3-Nitroaniline	9.46	138	153875	24.69	nq	87
53) 2,4-Dinitrophenol	9.59	184	150827	54.68	nq	# 73
54) Dibenzofuran	9.76	168	1329991	49.00	nq	99
55) 4-Nitrophenol	9.70	139	437981	89.75	nq	# 65
56) 2,4-Dinitrotoluene	9.76	165	325367	48.81	nq	# 71
57) Fluorene	10.17	166	1001468	44.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	258555	55.25	nq	98
59) Diethylphthalate	10.06	149	1146039	50.09	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	429625	44.80	nq	95
61) 4-Nitroaniline	10.22	138	289656	48.44	nq	98
62) Azobenzene	10.38	77	1106243	51.11	nq	95
64) 4,6-Dinitro-2-methylphenol	10.26	198	163310	46.21	nq	# 64
65) n-Nitrosodiphenylamine	10.33	169	980221	49.12	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	272207	47.96	nq	99
67) Hexachlorobenzene	10.85	284	278793	48.53	nq	# 85
68) Atrazine	11.00	200	290254	48.56	nq	97
69) Pentachlorophenol	11.10	266	300699	84.09	nq	99
70) Phenanthrene	11.36	178	1490518	46.43	nq	98
71) Anthracene	11.42	178	1538185	46.54	nq	99
72) Carbazole	11.62	167	1485112	43.82	nq	99
73) Di-n-butylphthalate	12.07	149	1740636	49.38	nq	99
74) Fluoranthene	12.82	202	1481466	45.07	nq	99
76) Benzidine	12.98	184	312123	20.35	nq	# 93
77) Pyrene	13.09	202	1482069	52.70	nq	99
79) Butylbenzylphthalate	13.91	149	718666	59.98	nq	# 87
80) Benzo(a)anthracene	14.56	228	1089872	48.23	nq	99
81) 3,3'-Dichlorobenzidine	14.53	252	221671	27.45	nq	# 96
82) Chrysene	14.60	228	975591	46.52	nq	99
83) Bis(2-ethylhexyl)phthalate	14.62	149	969414	59.30	nq	# 99
84) Di-n-octyl phthalate	15.38	149	1509038	55.26	nq	98
85) Indeno(1,2,3-cd)pyrene	17.53	276	889394	48.97	nq	99
87) Benzo(b)fluoranthene	15.79	252	884914	50.47	nq	97
88) Benzo(k)fluoranthene	15.83	252	764589m	44.57	nq	
89) Benzo(a)pyrene	16.14	252	776981	48.12	nq	99
90) Dibenzo(a,h)anthracene	17.54	278	732144	53.54	nq	97
91) Benzo(g,h,i)perylene	17.92	276	761576	55.26	nq	99

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

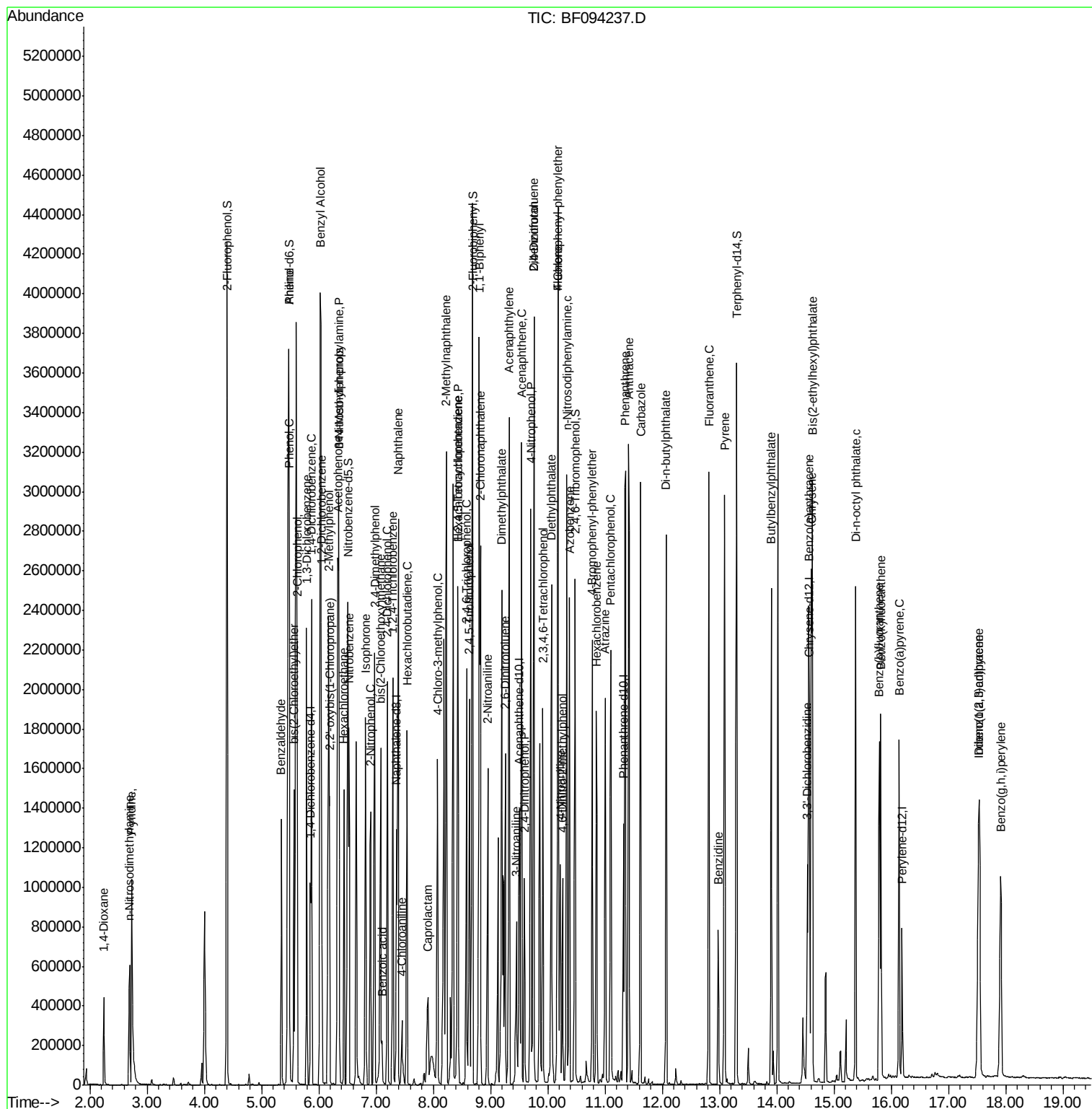
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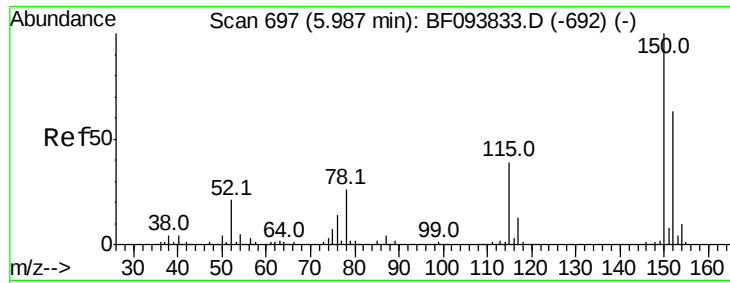
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#1

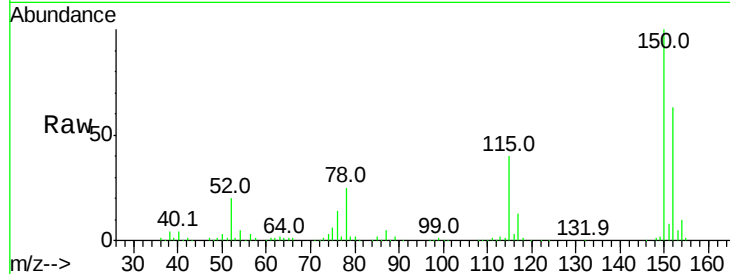
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

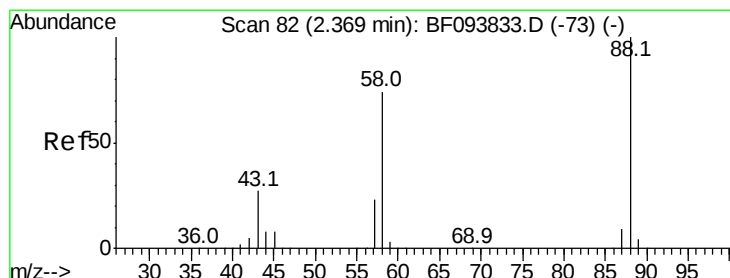
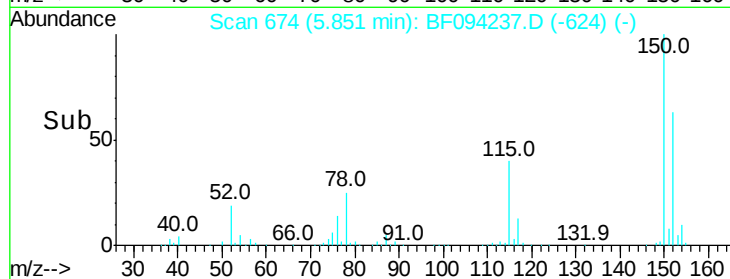
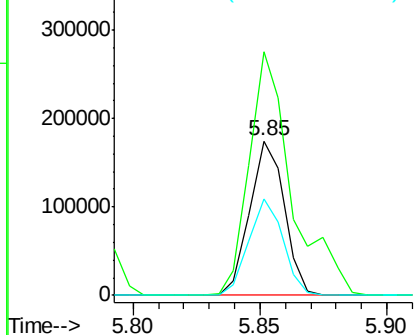
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	62.5	52.2	78.2

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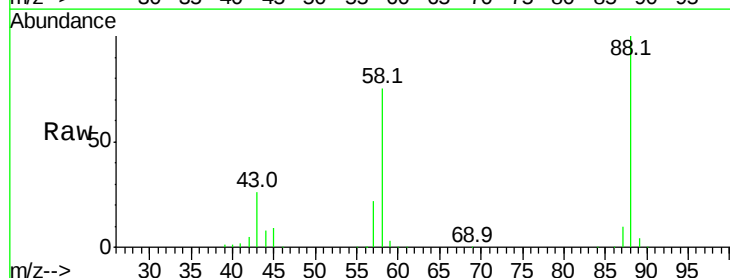
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



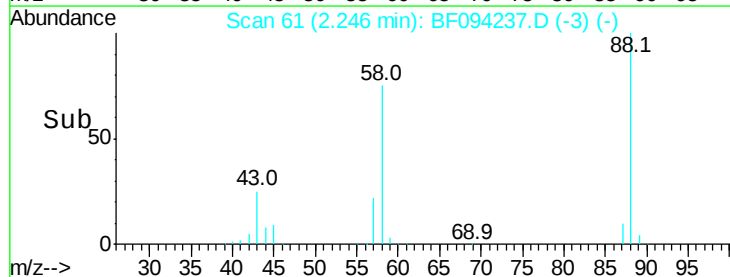
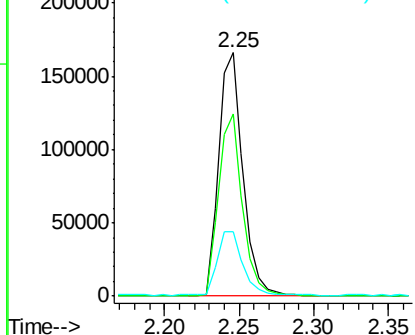
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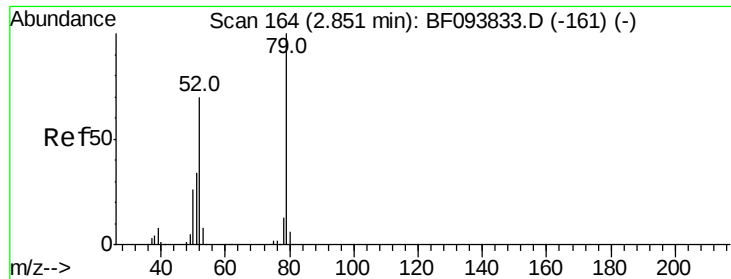
1,4-Dioxane
Concen: 39.77 ng
RT: 2.25 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	61.4	92.0
43	27.6	23.4	35.0



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





#3

Pvridine

Concen: 39.93 ng

RT: 2.73 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

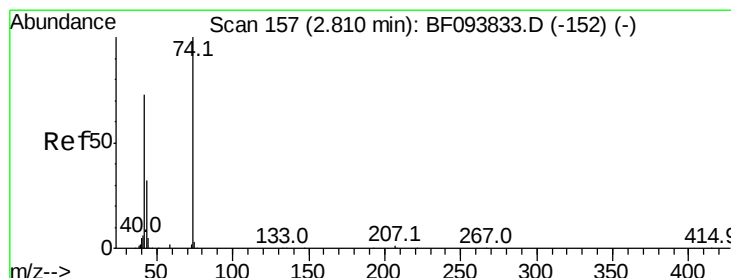
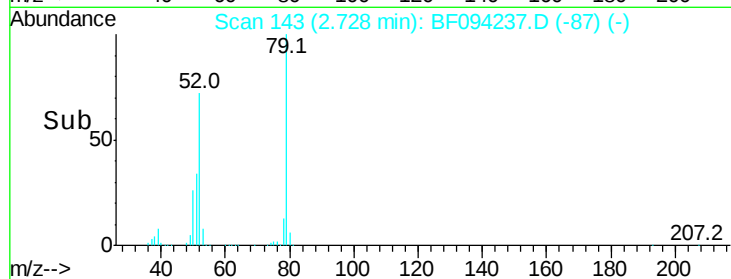
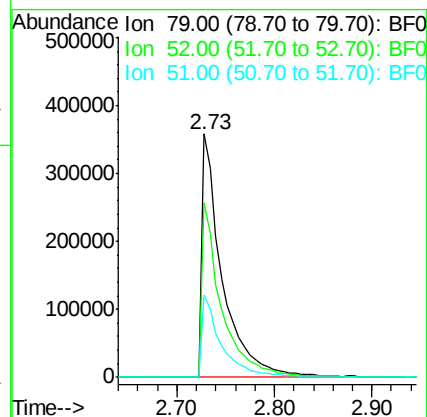
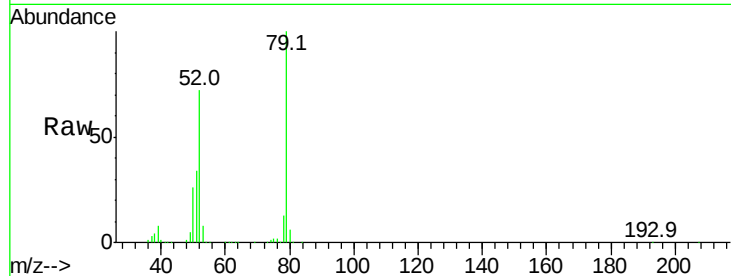
ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:	79	Resp:	517528
Ion Ratio	Lower	Upper	
79	100		
52	71.7	54.8	82.2
51	33.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 49.01 ng

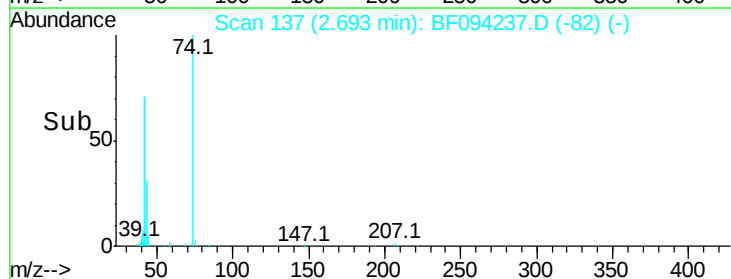
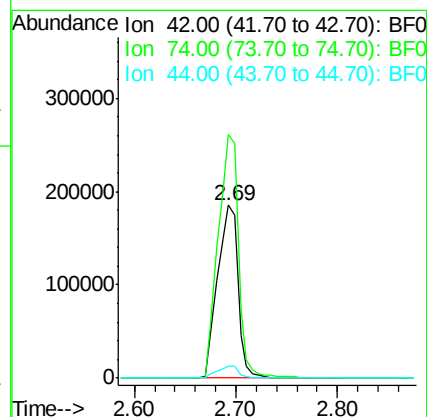
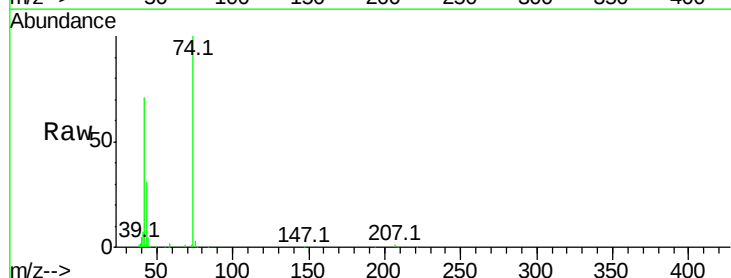
RT: 2.69 min Scan# 137

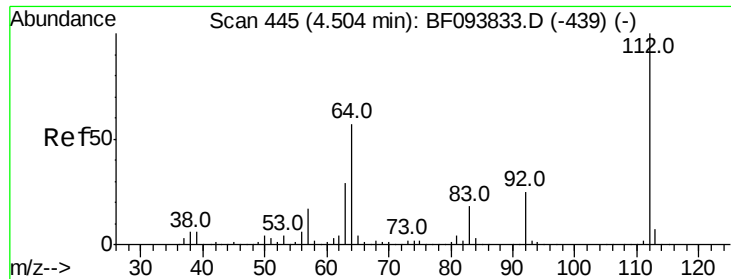
Delta R.T. 0.02 min

Lab File: BF094237.D

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Tgt Ion:	42	Resp:	261353
Ion Ratio	Lower	Upper	
42	100		
74	140.9	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 140.10 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:112 Resp: 1386599

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

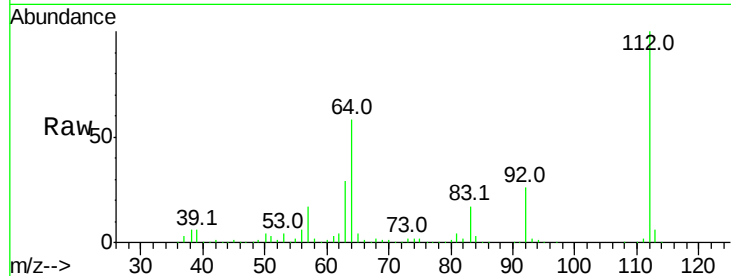
63 28.8 23.4 35.0

Manual Integrations

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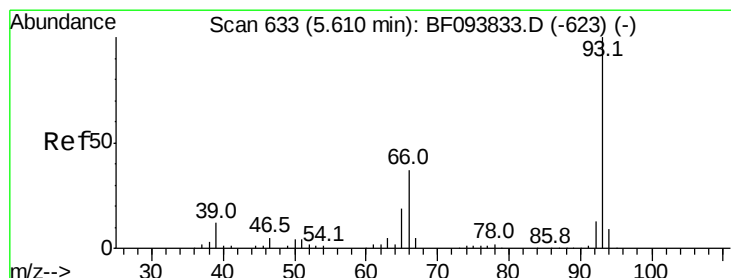
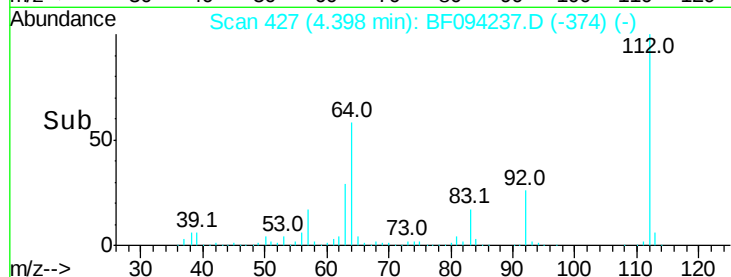
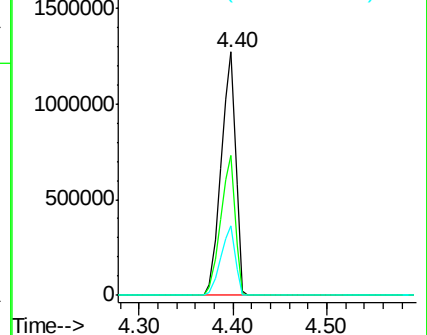
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.50 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

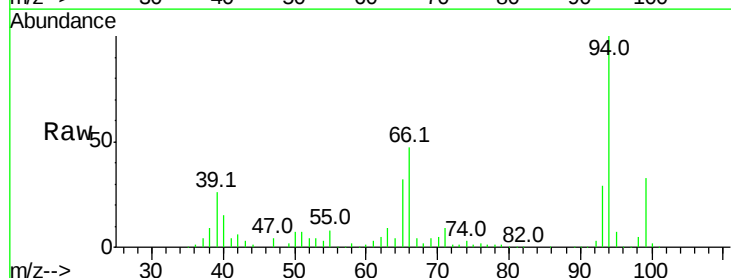
Tgt Ion: 93 Resp: 298070

Ion Ratio Lower Upper

93 100

66 165.2 32.9 49.3#

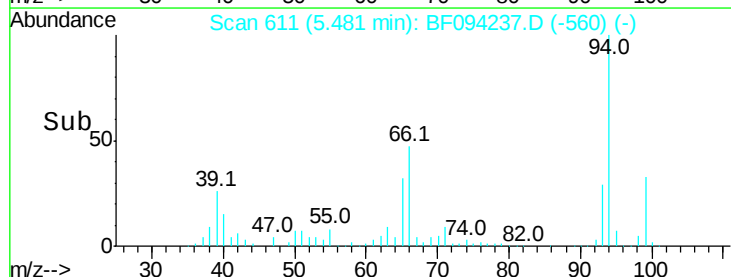
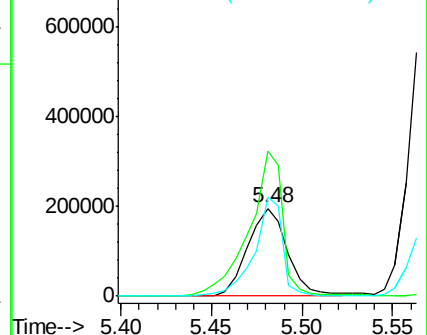
65 112.7 16.0 24.0#

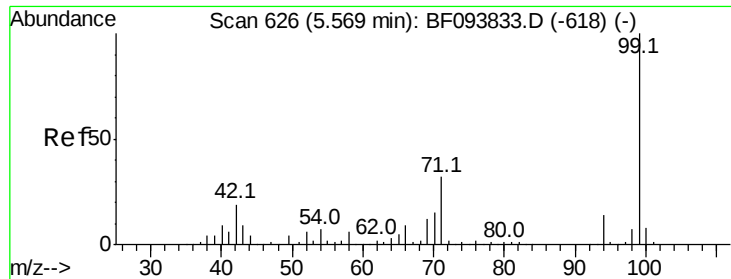


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 146.44 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

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Tot Ion: 99 Resp: 1793067

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

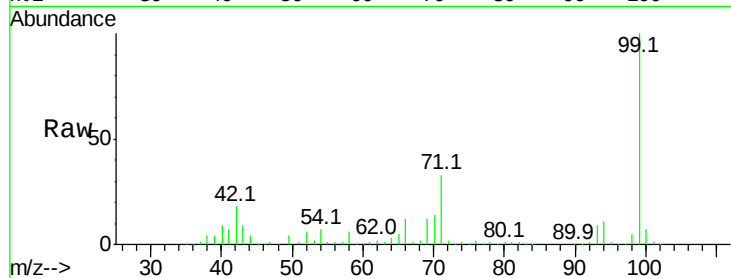
71 33.5 24.5 36.7

Manual Integrations

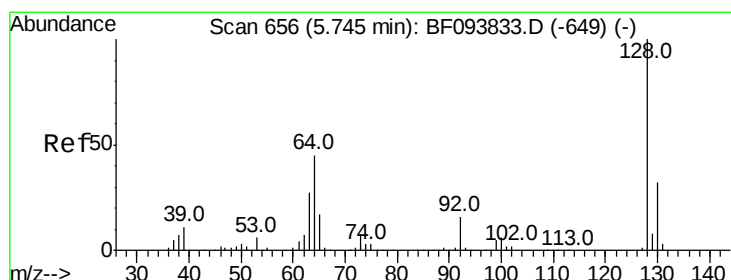
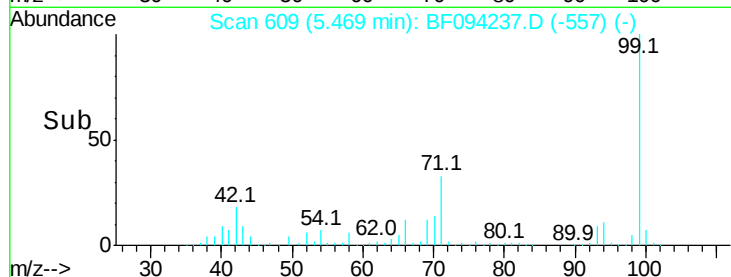
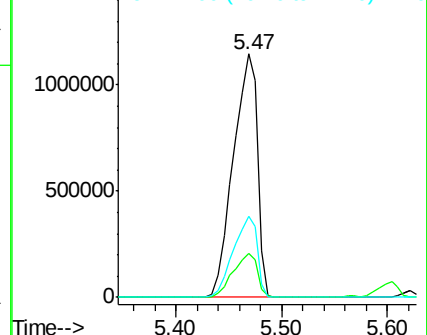
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.43 ng

RT: 5.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

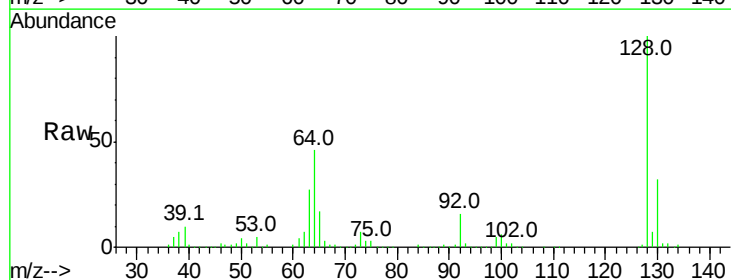
Tgt Ion:128 Resp: 559539

Ion Ratio Lower Upper

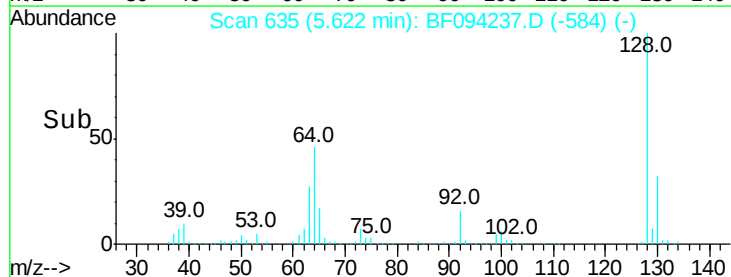
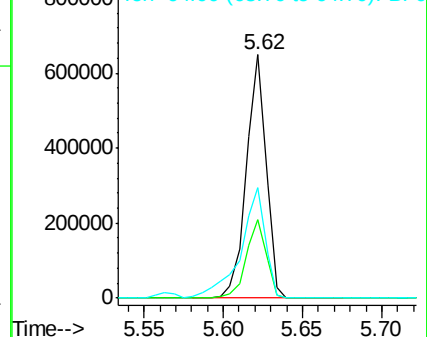
128 100

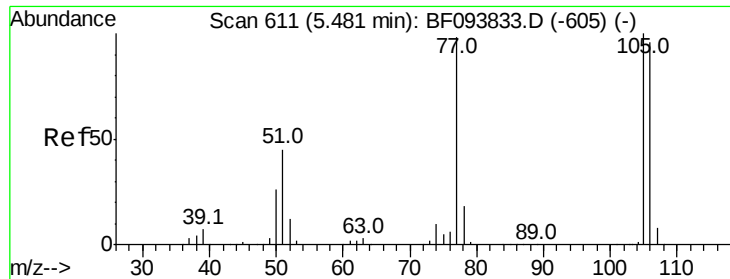
130 32.2 12.9 52.9

64 45.5 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





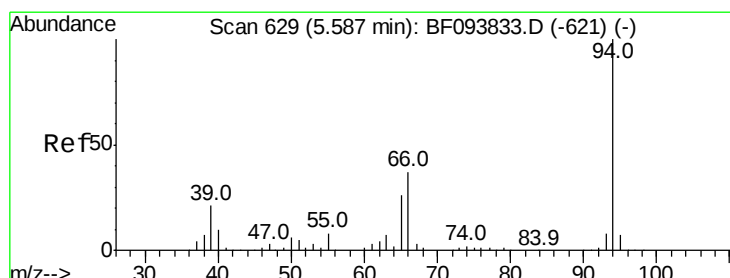
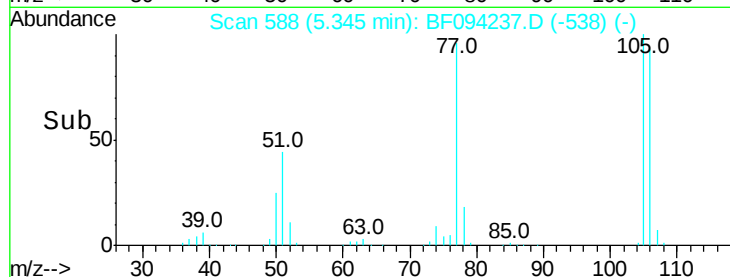
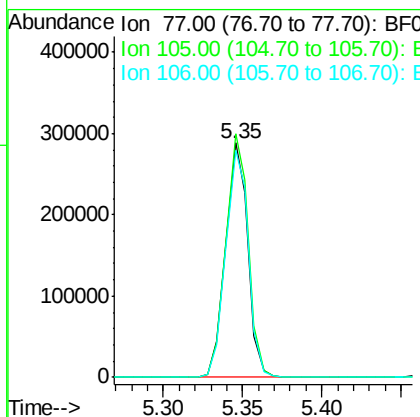
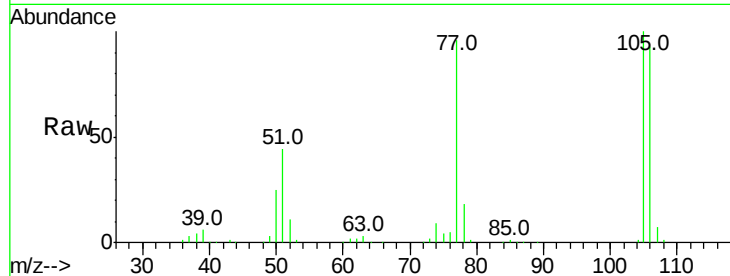
#9
Benzaldehyde
Concen: 33.67 ng
RT: 5.35 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.0	83.8	123.8
106	97.0	79.1	119.1

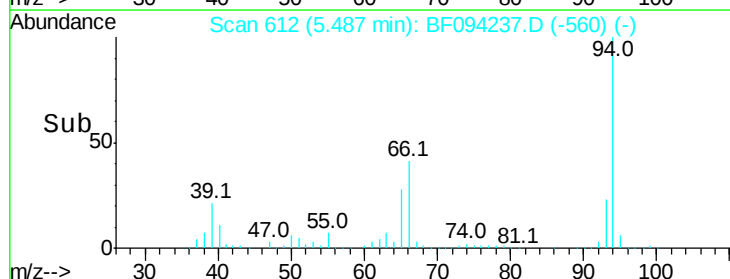
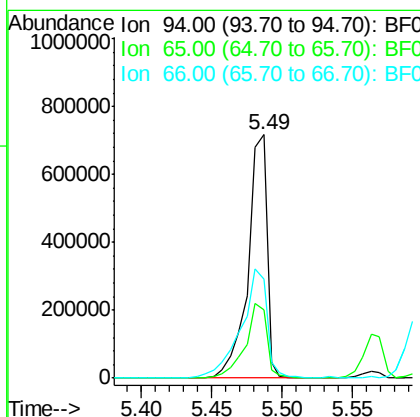
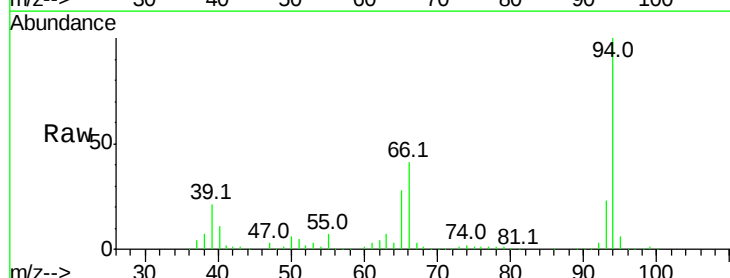
Manual Integrations
APPROVED

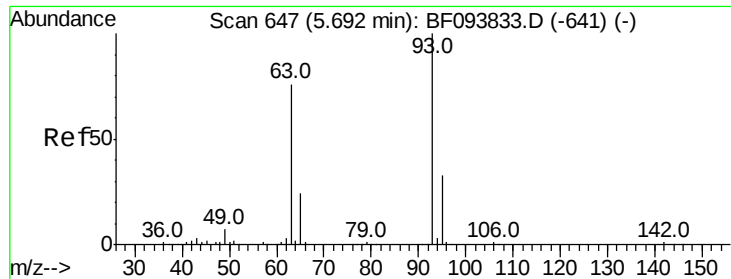
mohammad
4/7/2017 5:21:02 PM



#10
Phenol
Concen: 48.99 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	40.7	23.1	63.1





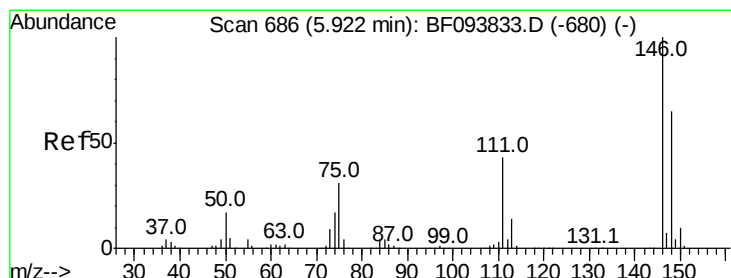
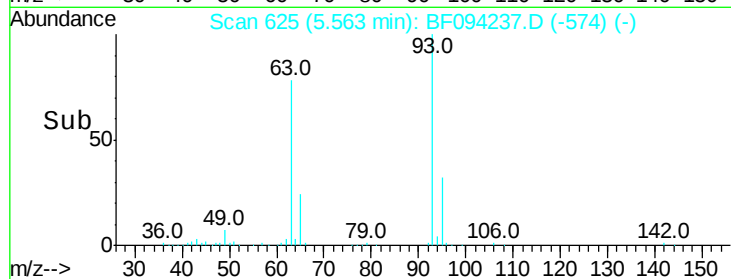
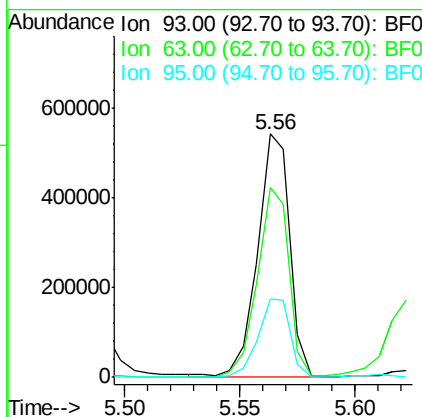
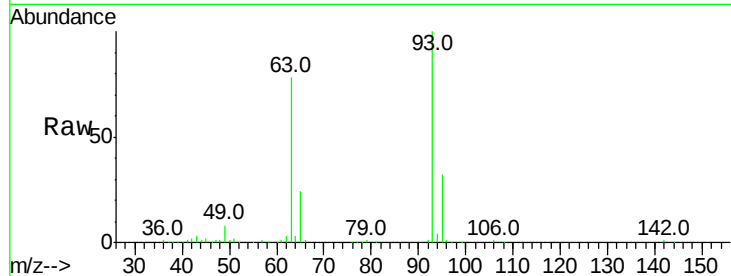
#11
bis(2-Chloroethyl)ether
Concen: 48.65 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	59.2	99.2
95	32.1	12.8	52.8

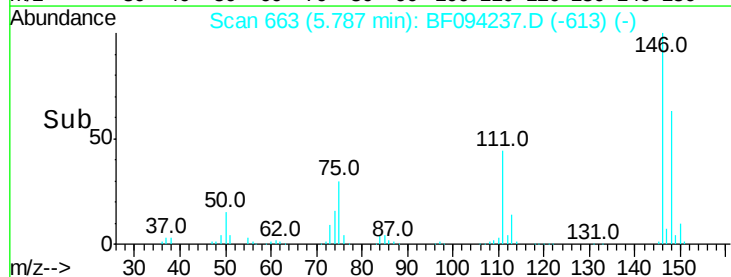
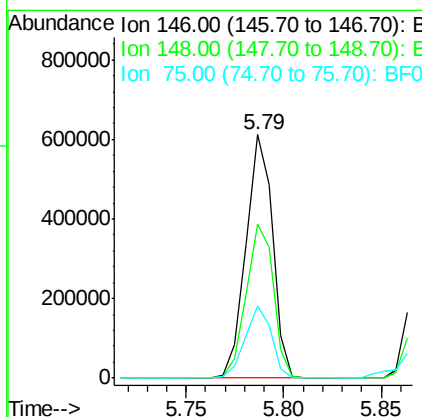
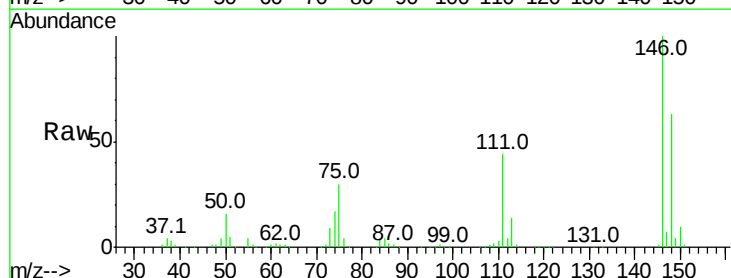
Manual Integrations
APPROVED

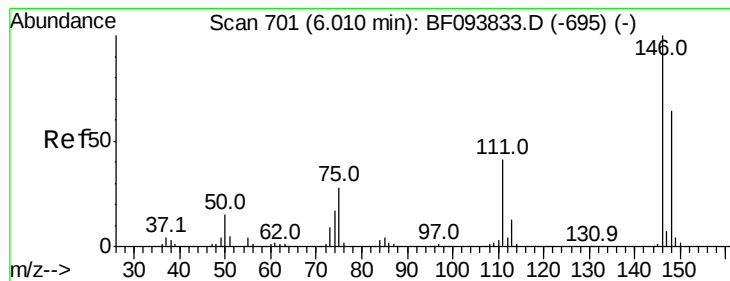
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.46 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	29.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 47.39 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

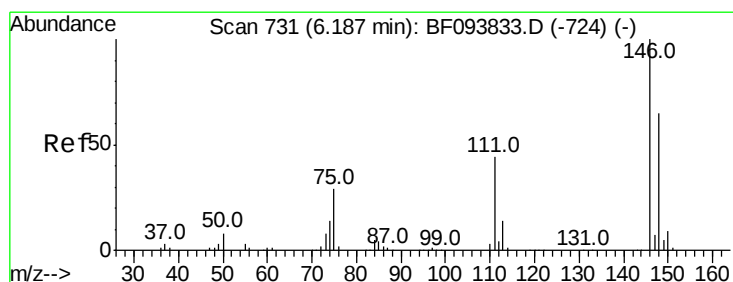
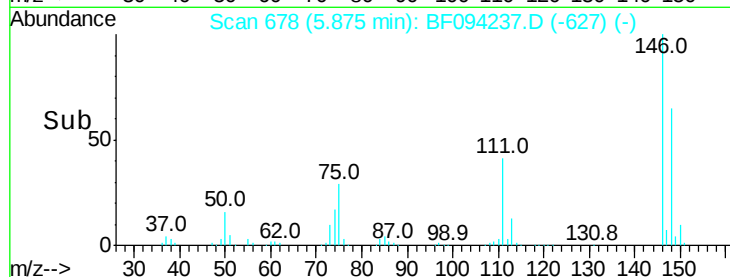
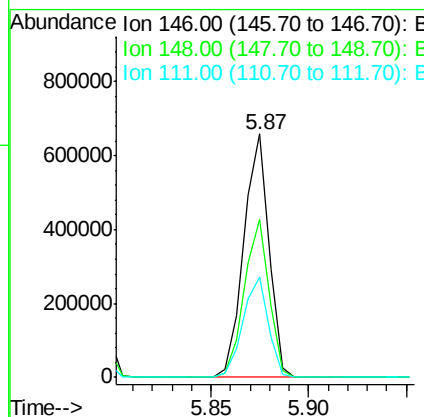
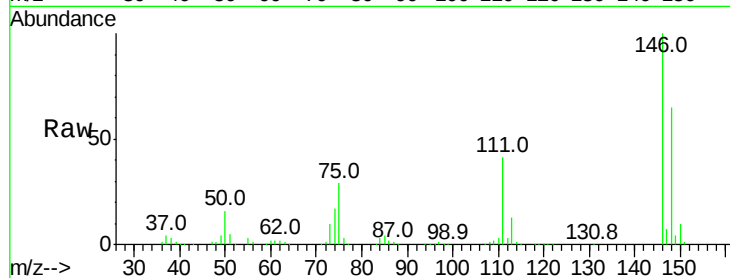
ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:	146	Resp:	585709
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.2
111	41.1	30.3	45.5

Manual Integrations
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4/7/2017 5:21:02 PM



#14

1,2-Dichlorobenzene

Concen: 48.14 ng

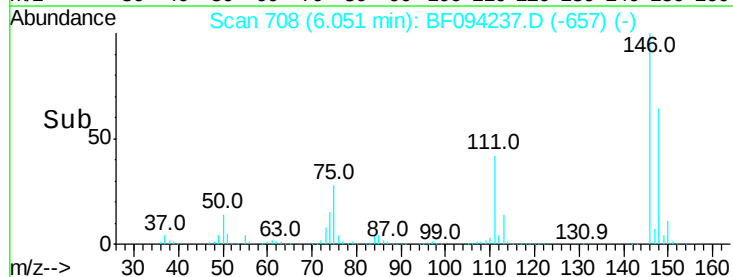
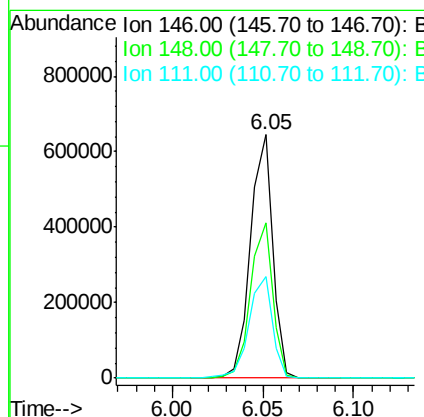
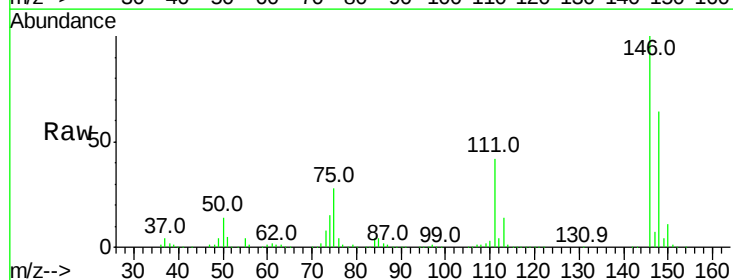
RT: 6.05 min Scan# 708

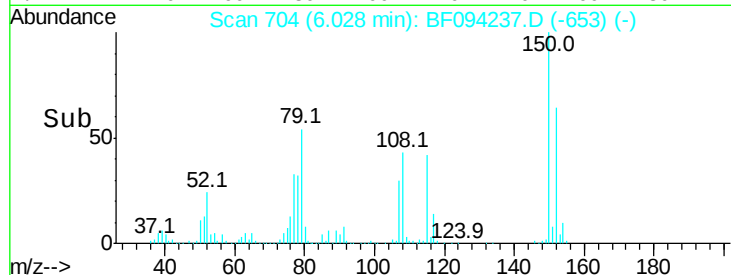
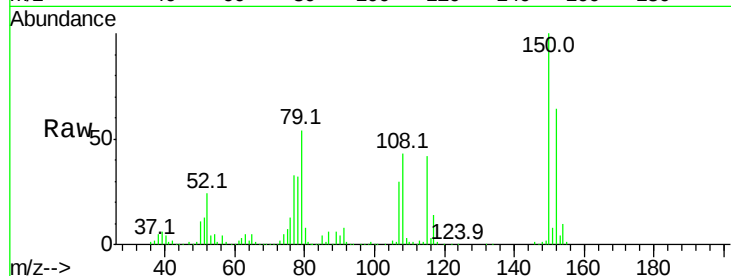
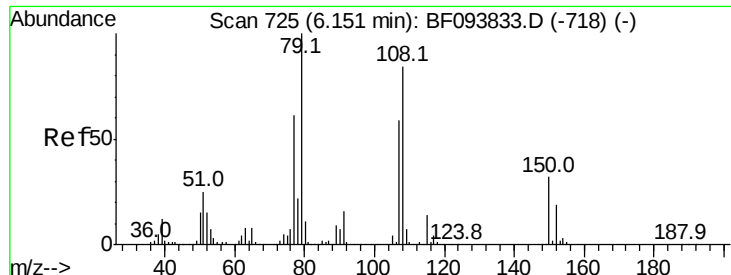
Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion:	146	Resp:	547989
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
111	41.8	38.2	57.4





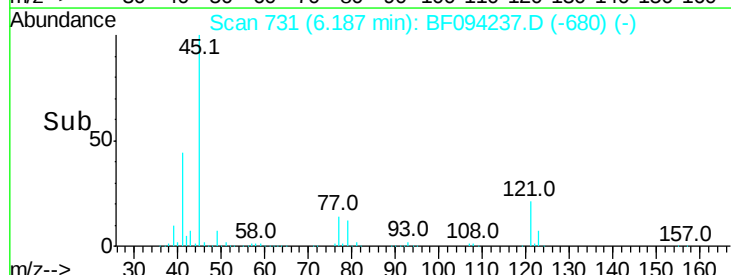
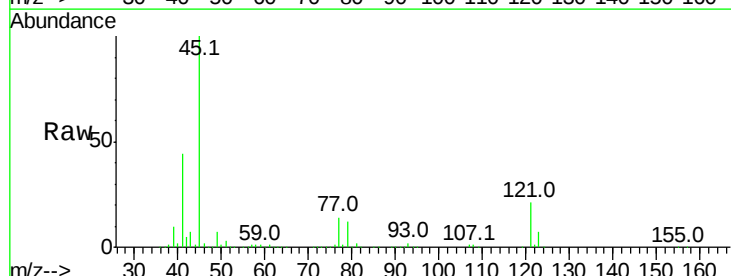
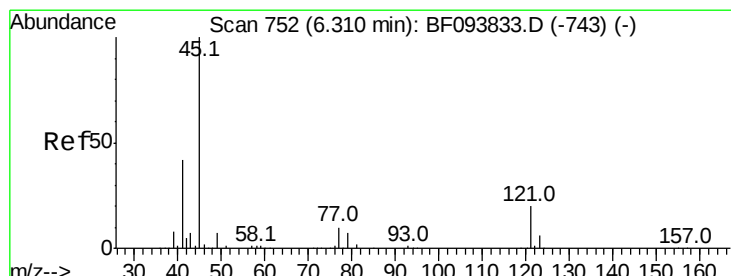
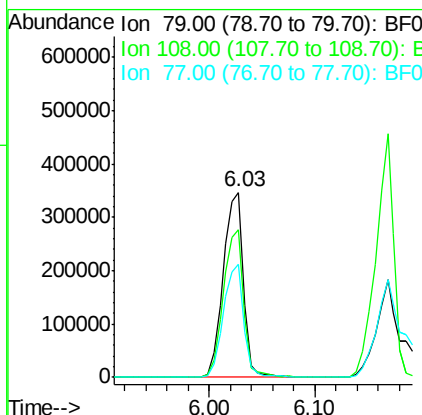
#15
Benzyl Alcohol
Concen: 51.40 ng
RT: 6.03 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	63.4	95.0
77	61.4	49.2	73.8

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

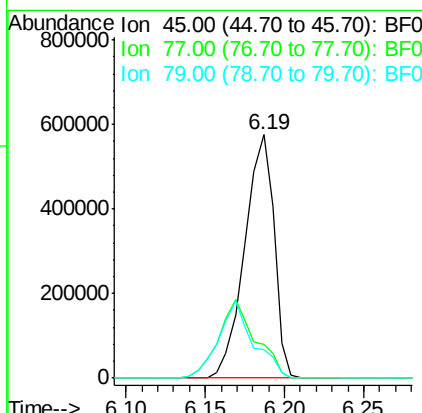
Manual Integrations
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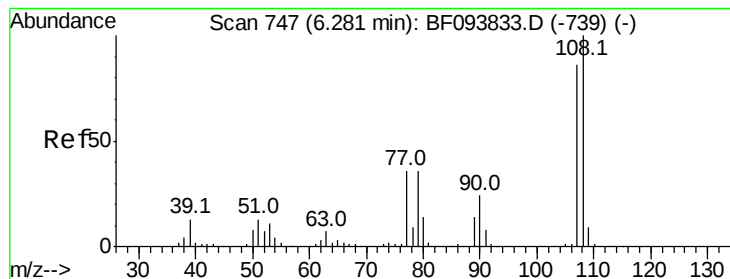
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.12 ng
RT: 6.19 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.2
79	11.6	0.0	30.0





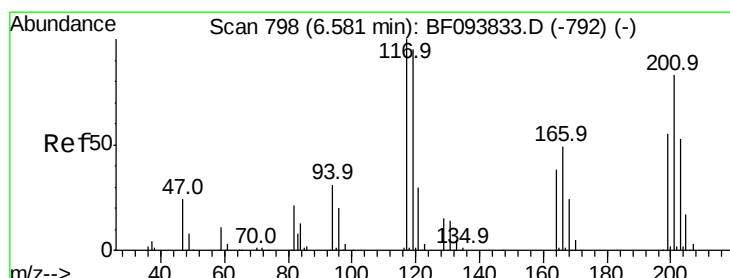
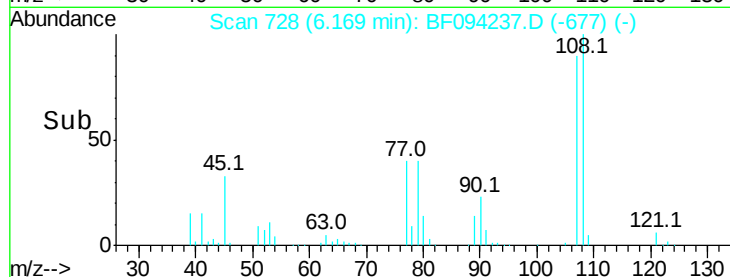
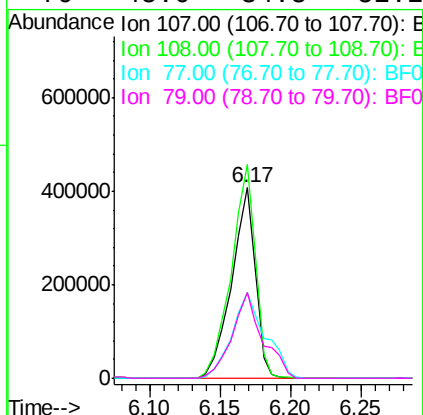
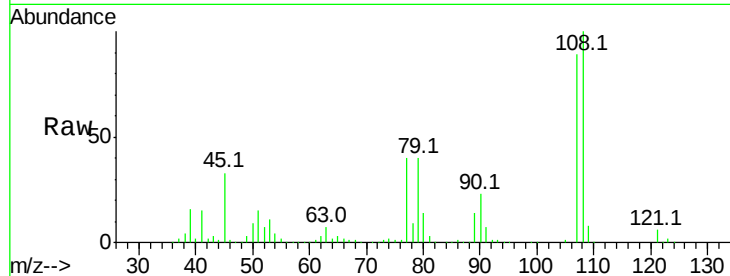
#17
2-Methylphenol
Concen: 51.25 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	477475		
108	112.0	93.4	140.0	
77	45.2	35.8	53.6	
79	45.0	34.8	52.2	

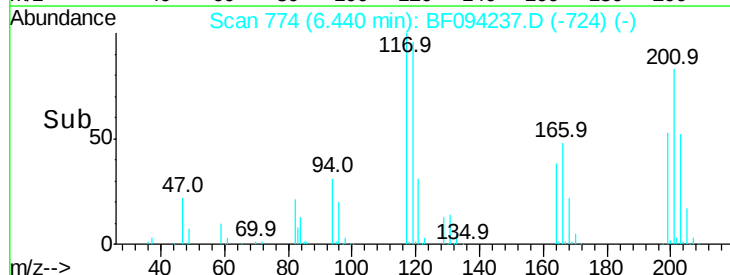
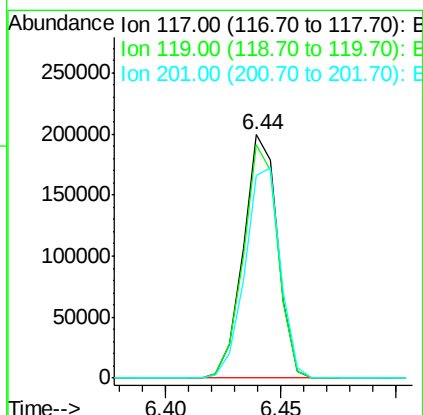
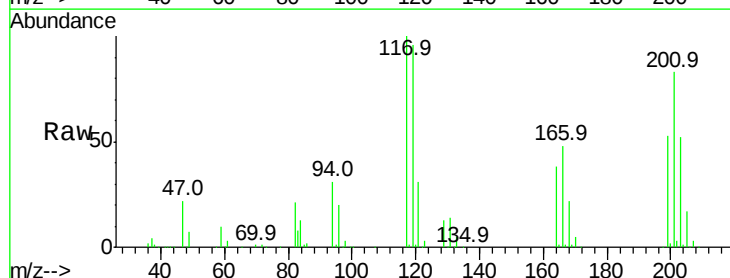
Manual Integrations
APPROVED

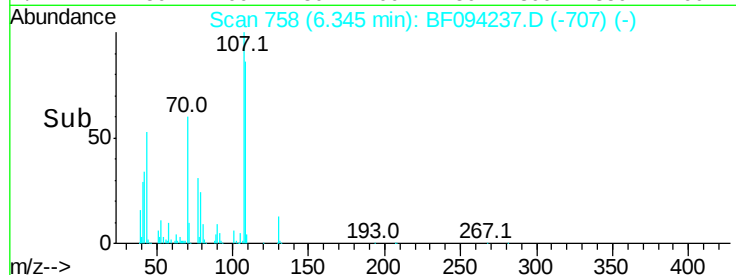
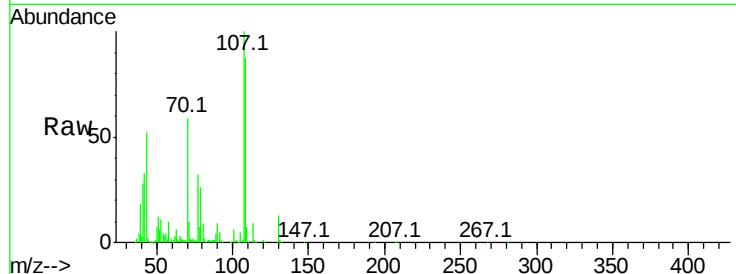
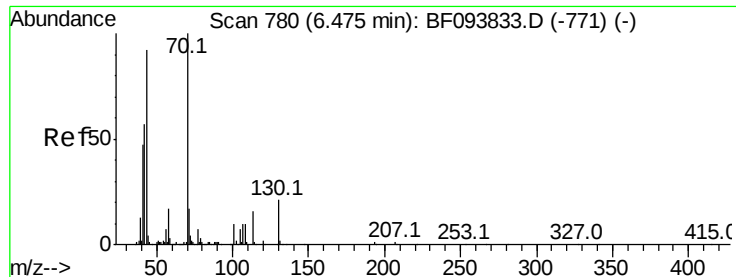
mohammad
4/7/2017 5:21:02 PM



#18
Hexachloroethane
Concen: 47.59 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	206734		
119	96.0	77.4	116.0	
201	83.0	94.6	141.8#	





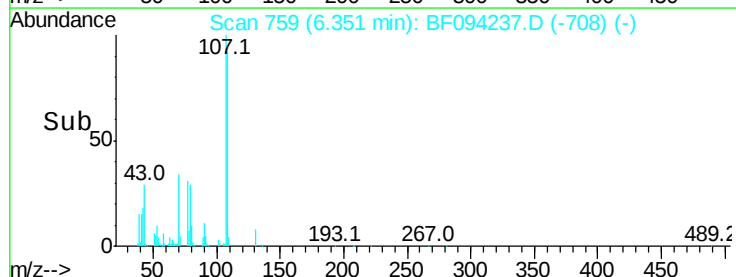
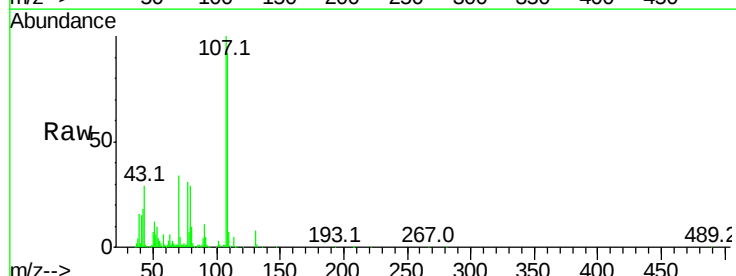
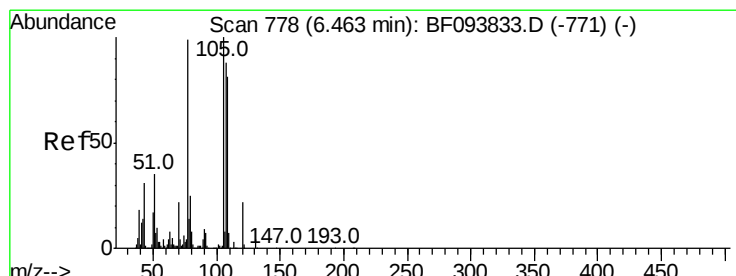
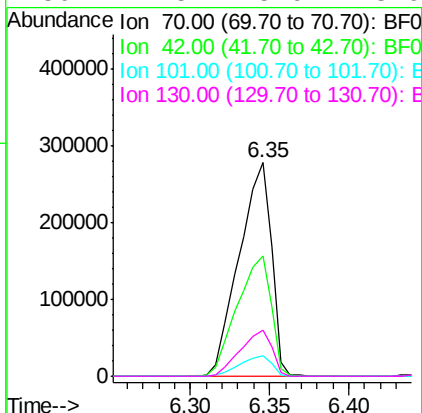
#19
n-Nitroso-di-n-propylamine
Concen: 49.77 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Manual Integrations
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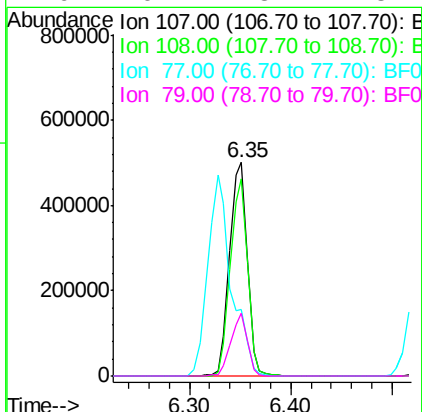
mohammad
4/7/2017 5:21:02 PM

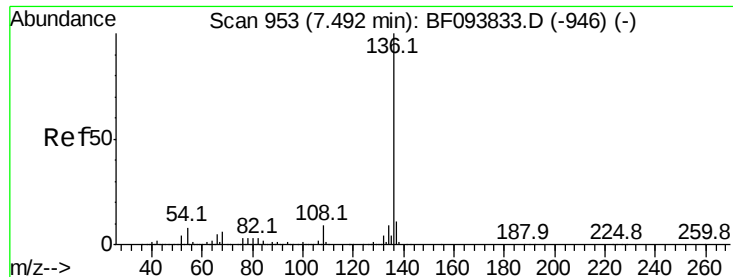
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	47.2	70.8	
101	9.9	7.2	10.8	
130	21.5	15.9	23.9	



#20
3+4-Methylphenols
Concen: 54.15 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	71.0	111.0	
77	31.3	90.5	130.5#	
79	29.2	8.4	48.4	





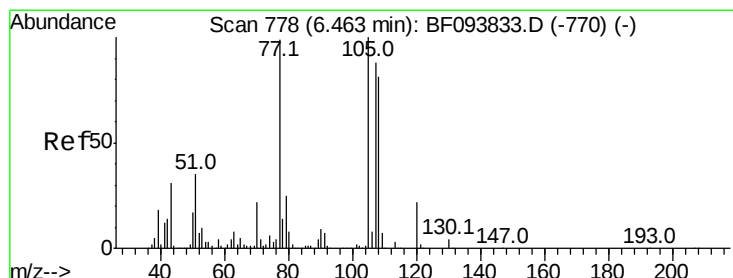
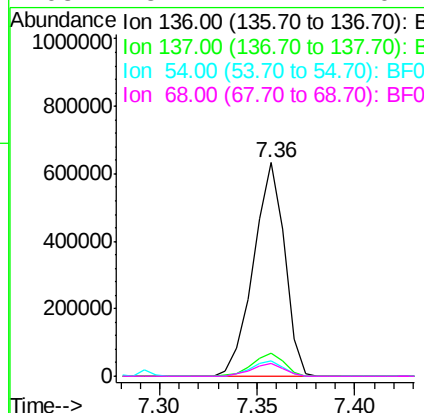
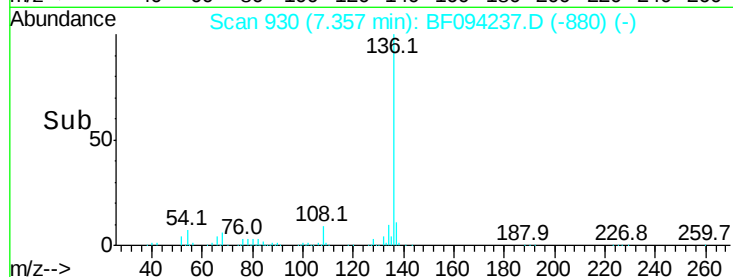
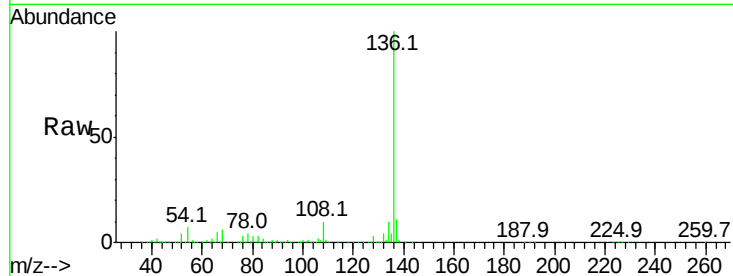
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	700624		
137	11.0		8.5	12.7
54	7.4		4.9	7.3#
68	5.7		4.1	6.1

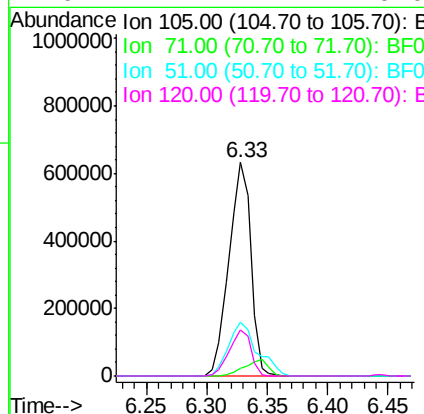
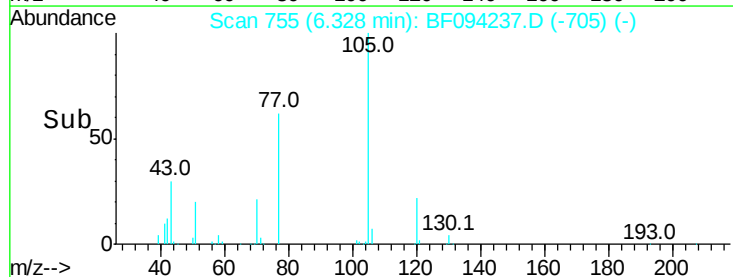
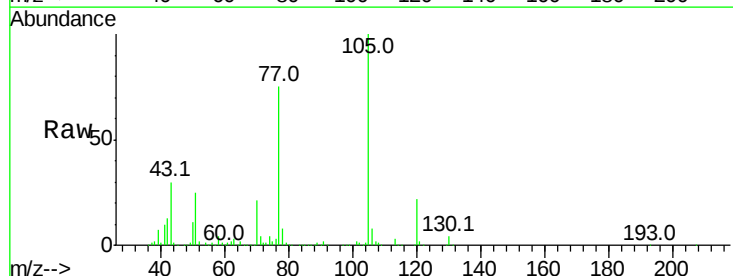
Manual Integrations
APPROVED

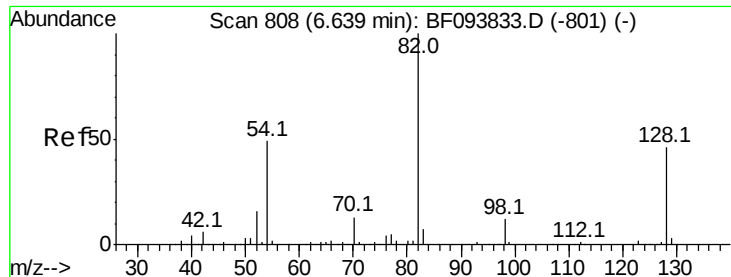
mohammad
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#22
Acetophenone
Concen: 51.12 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	798242		
71	3.7		2.8	4.2
51	25.1		30.7	46.1#
120	21.7		17.4	26.0





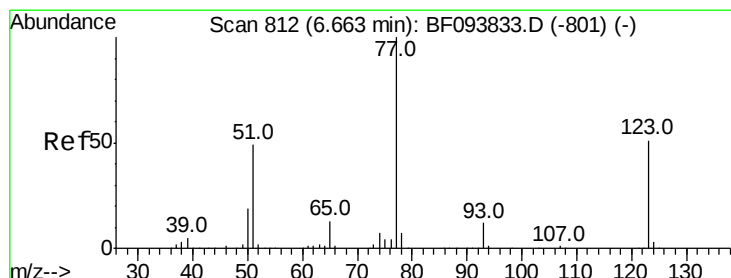
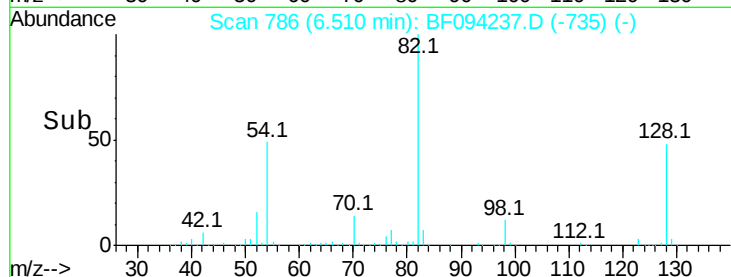
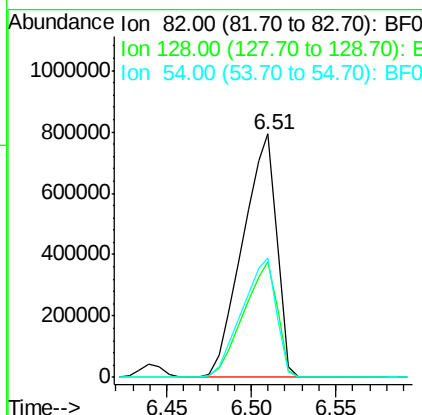
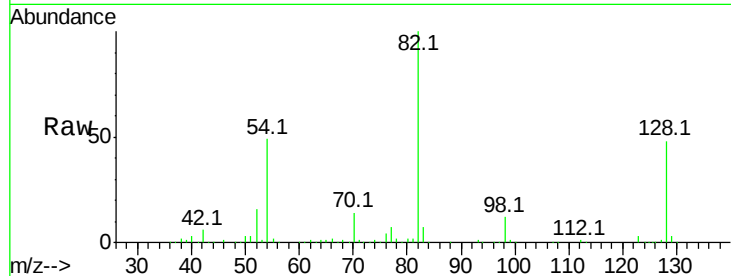
#23
 Nitrobenzene-d5
 Concen: 90.92 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	48.9	42.2	63.2

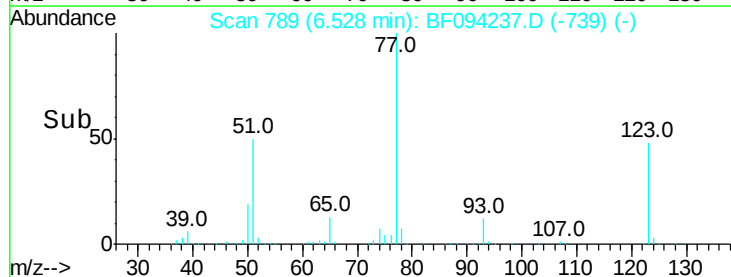
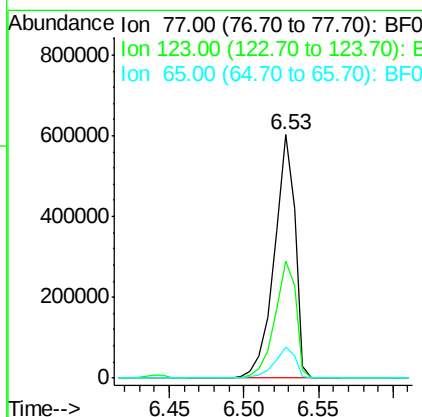
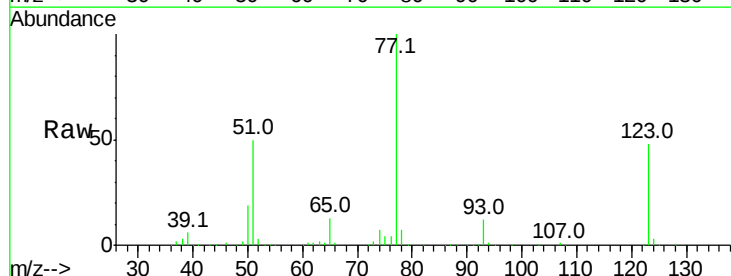
Manual Integrations
 APPROVED

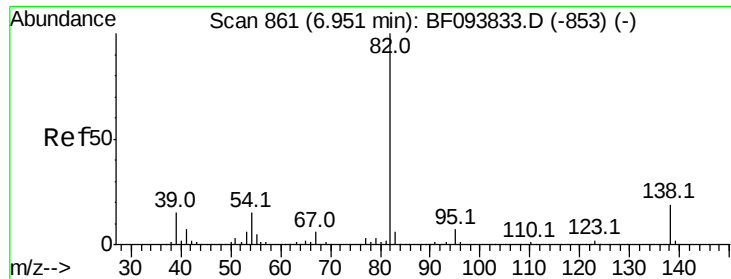
mohammad
 4/7/2017 5:21:02 PM



#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 49.77 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion: 82 Resp: 1073632

Ion Ratio Lower Upper

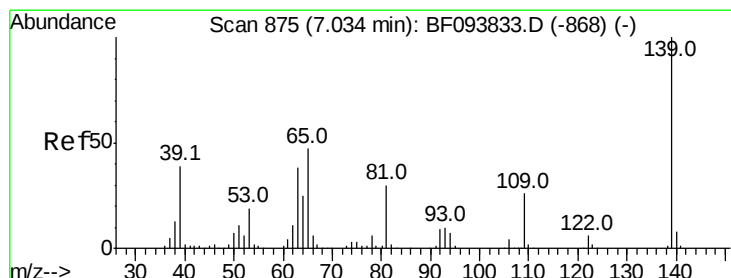
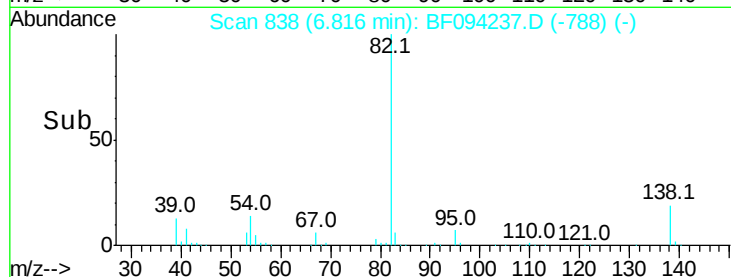
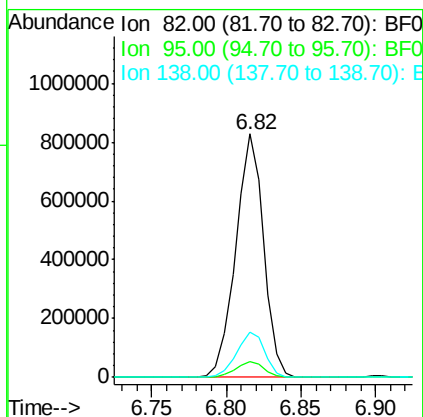
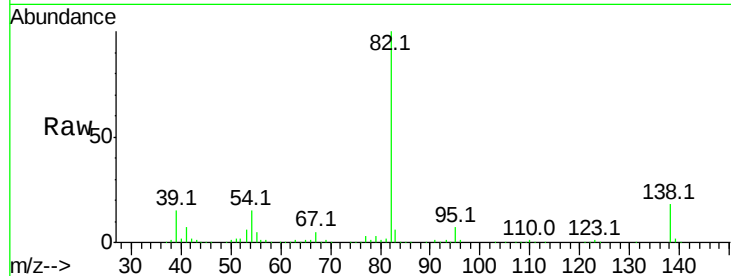
82 100

95 6.6 5.3 7.9

138 18.4 13.1 19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.87 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

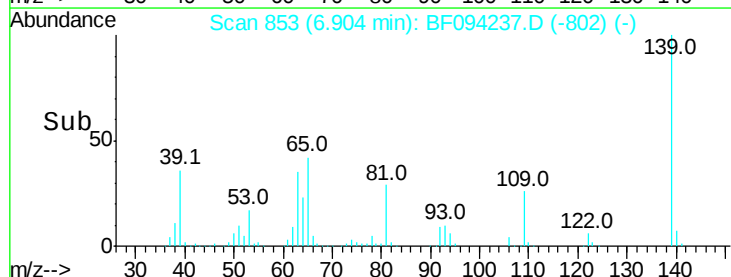
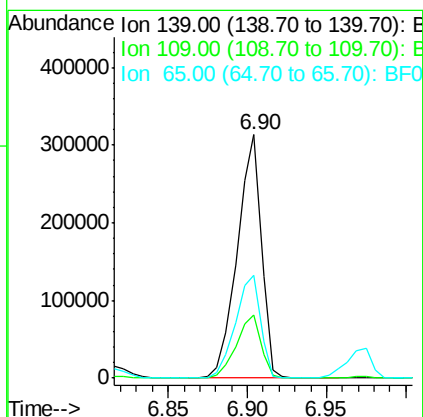
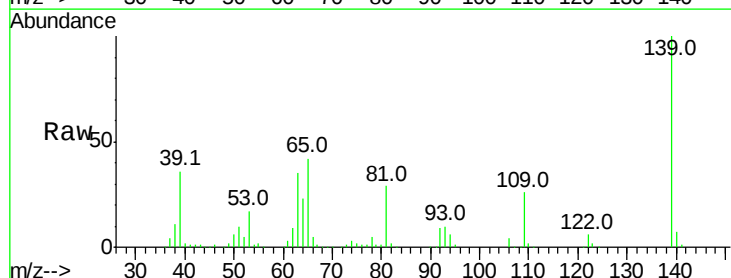
Tgt Ion: 139 Resp: 328379

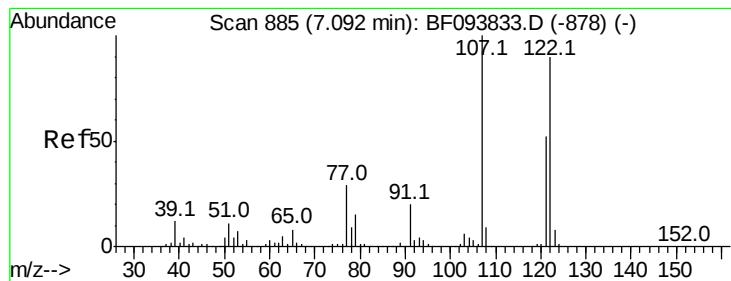
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 42.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.09 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:122 Resp: 478449

Ion Ratio Lower Upper

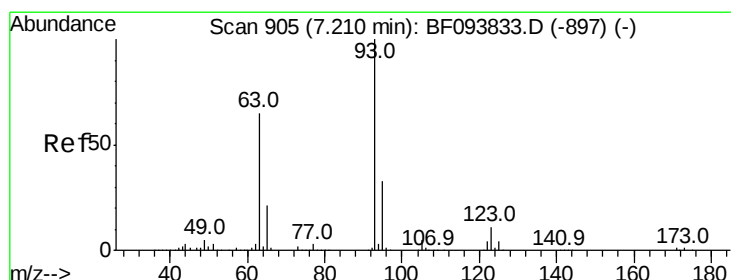
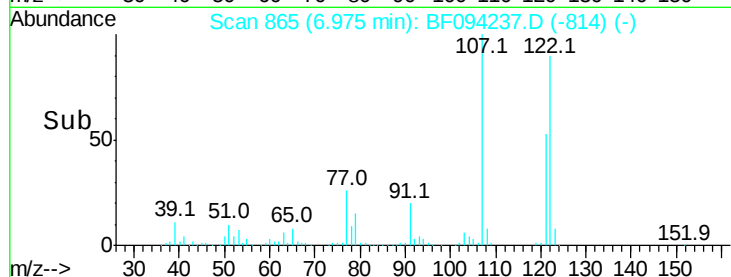
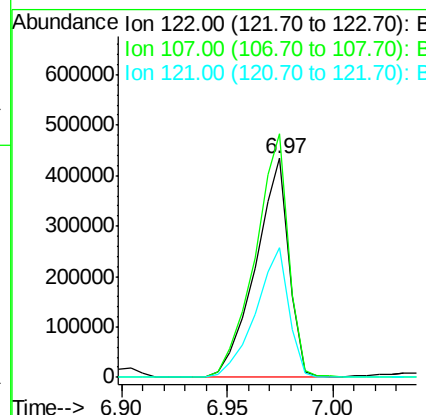
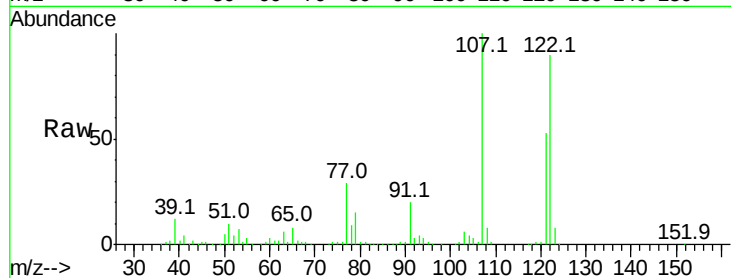
122 100

107 111.3 89.2 133.8

121 59.0 45.2 67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 48.43 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

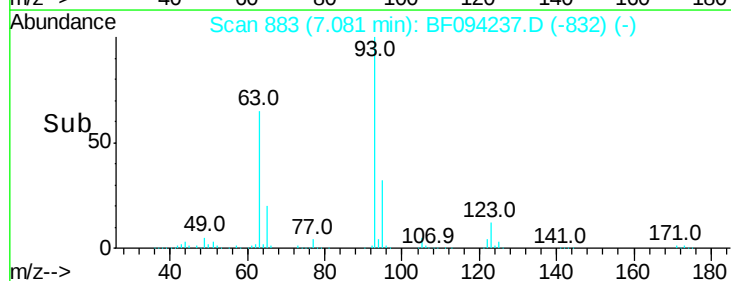
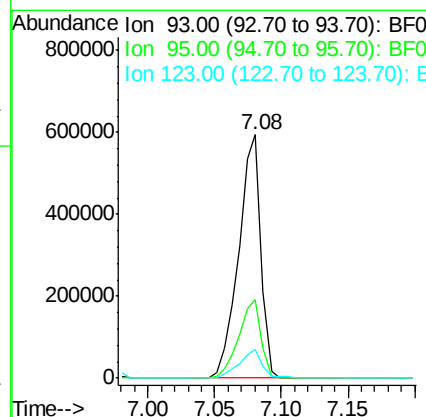
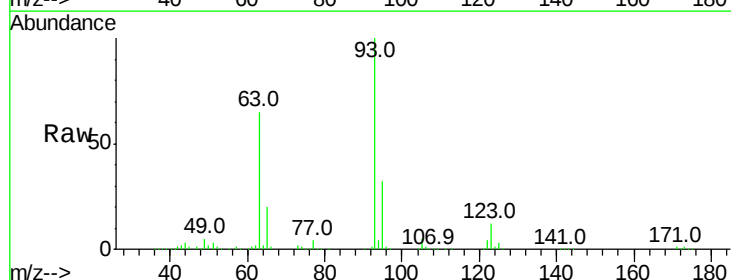
Tgt Ion: 93 Resp: 689023

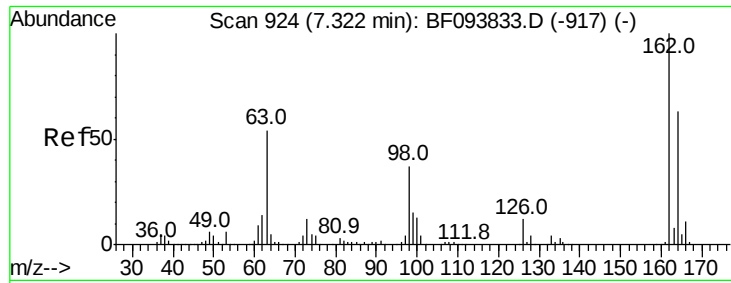
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 11.5 9.0 13.4





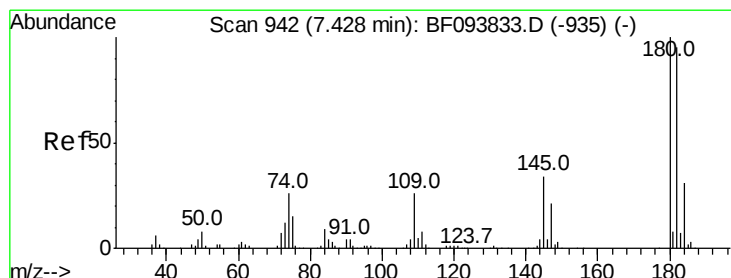
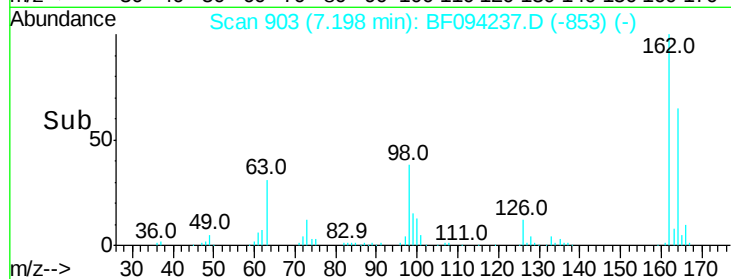
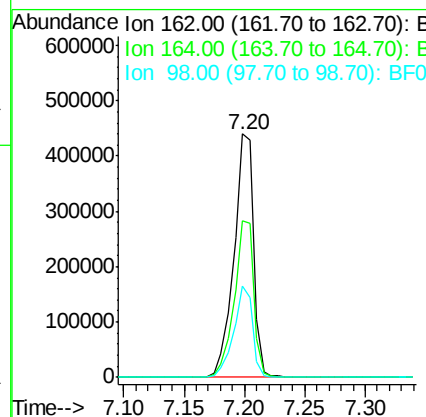
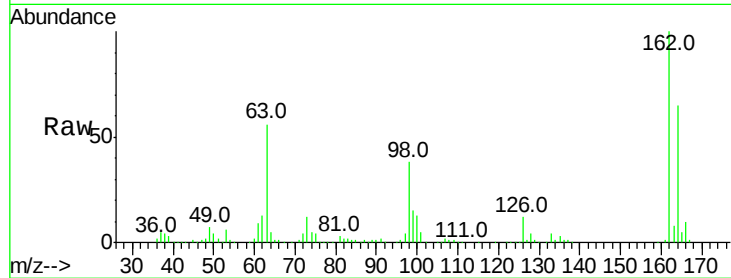
#29
 2,4-Dichlorophenol
 Concen: 53.78 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		500264		
164	64.6	44.6		84.6	
98	37.5	14.8		54.8	

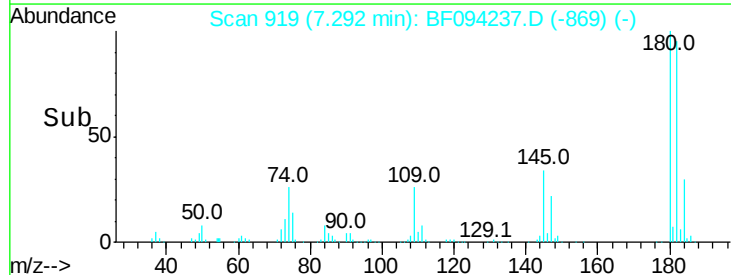
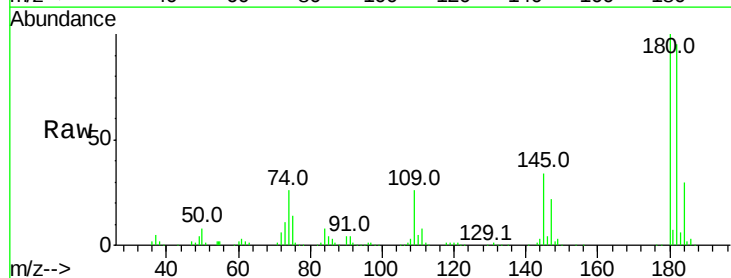
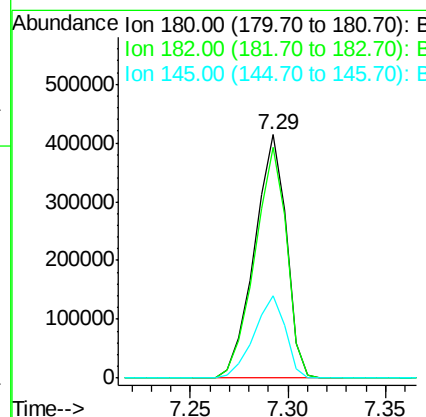
Manual Integrations
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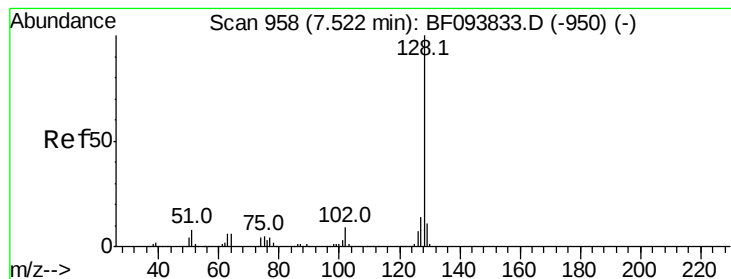
mohammad
 4/7/2017 5:21:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.88 ng
 RT: 7.29 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		468367		
182	94.8	75.8		113.6	
145	34.0	25.3		37.9	





#31

Naphthalene

Concen: 47.24 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:128 Resp: 1591386

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

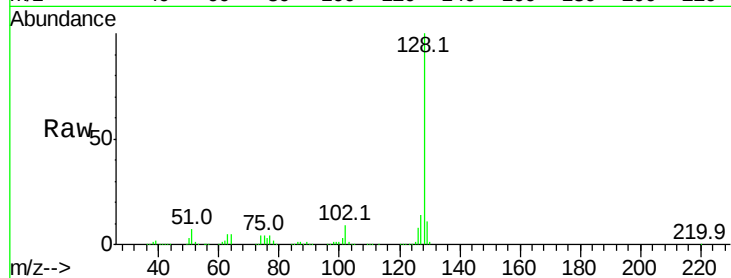
127 13.9 10.8 16.2

Manual Integrations

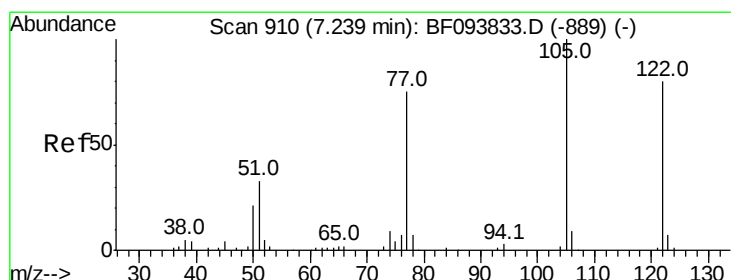
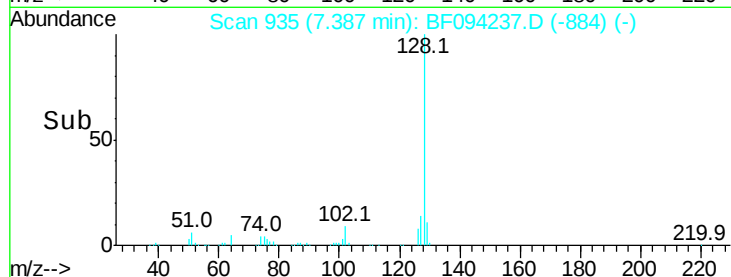
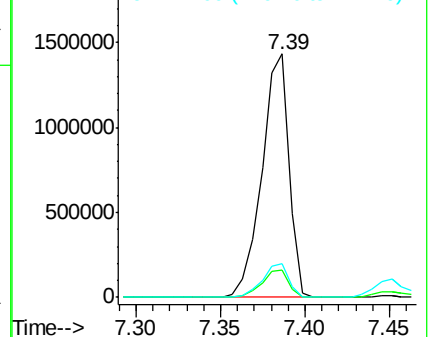
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.56 ng

RT: 7.10 min Scan# 887

Delta R.T. -0.04 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

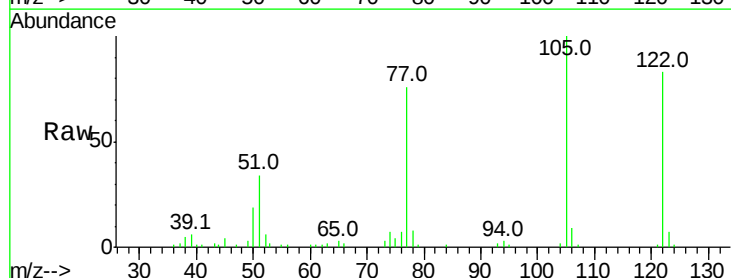
Tgt Ion:122 Resp: 122946

Ion Ratio Lower Upper

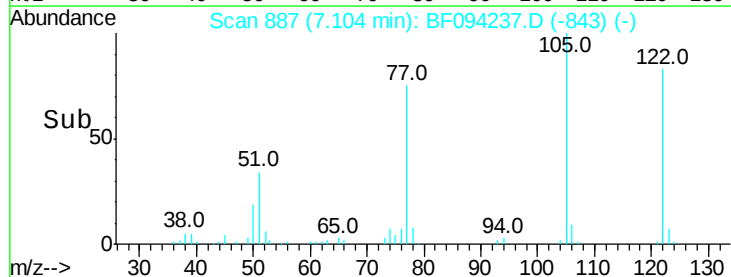
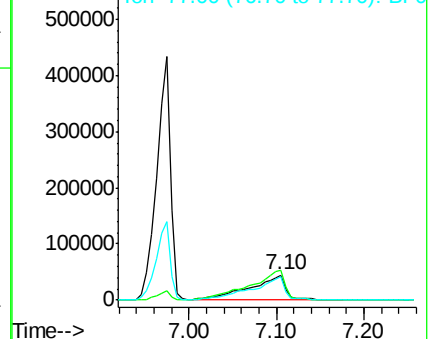
122 100

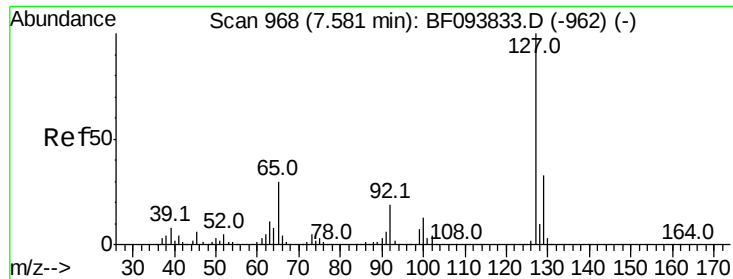
105 120.8 103.3 143.3

77 92.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





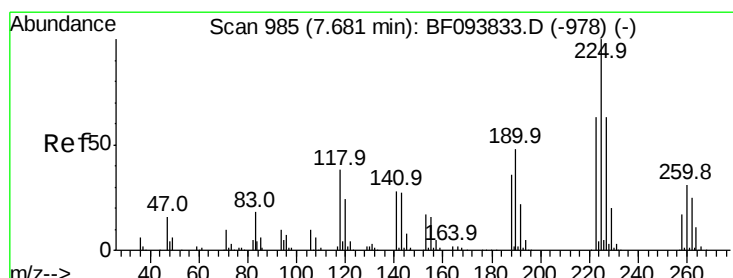
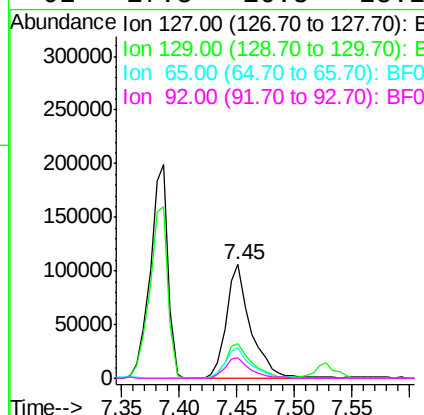
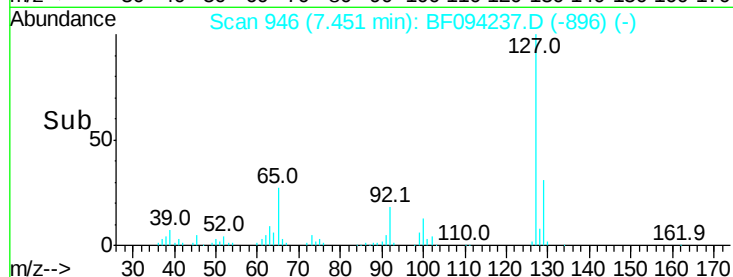
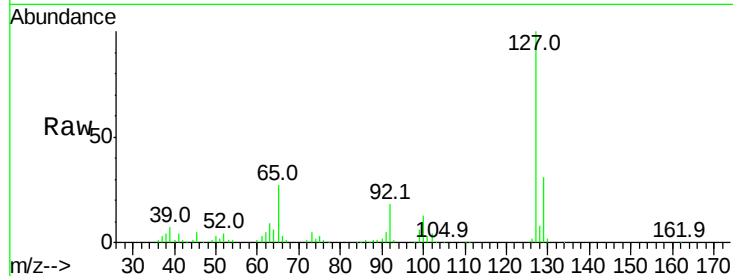
#33
4-Chloroaniline
Concen: 11.27 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.2	39.2		
65	27.1	27.8	41.8		
92	17.8	16.8	25.2		

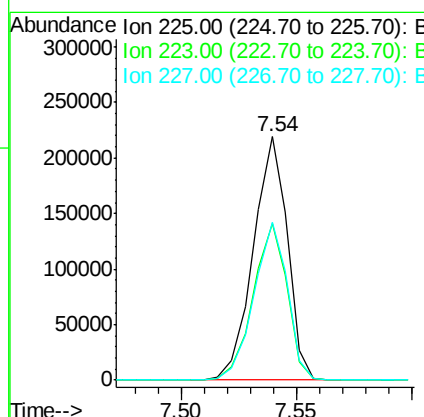
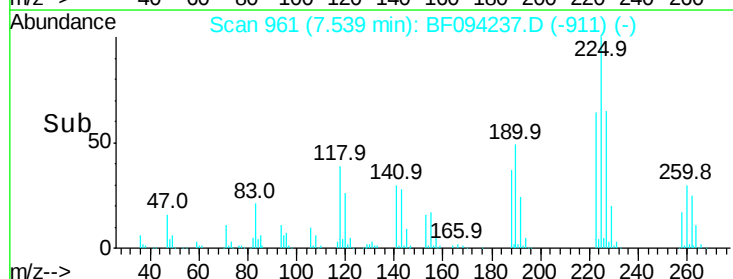
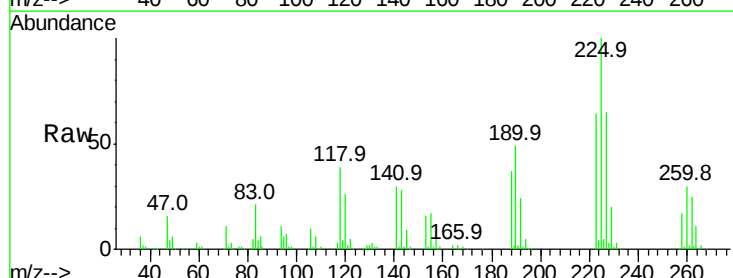
Manual Integrations
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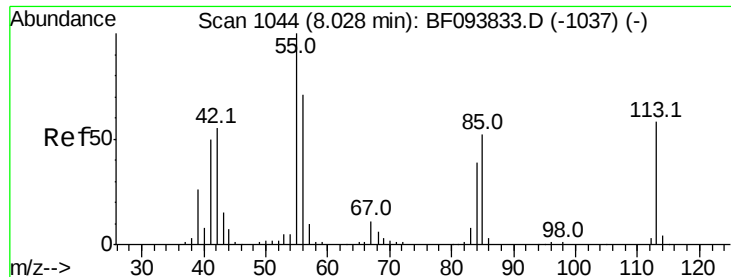
mohammad
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#34
Hexachlorobutadiene
Concen: 45.93 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	48.8	73.2		
227	65.1	51.1	76.7		





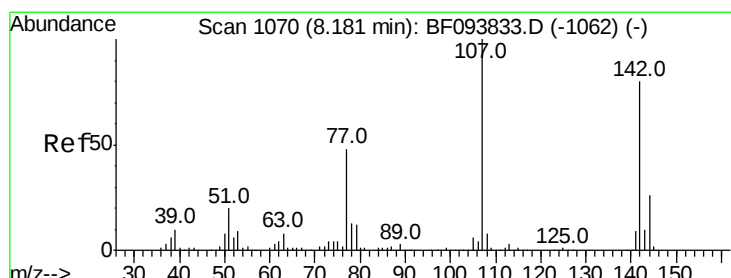
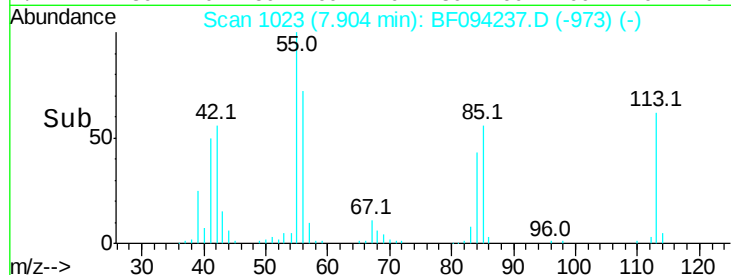
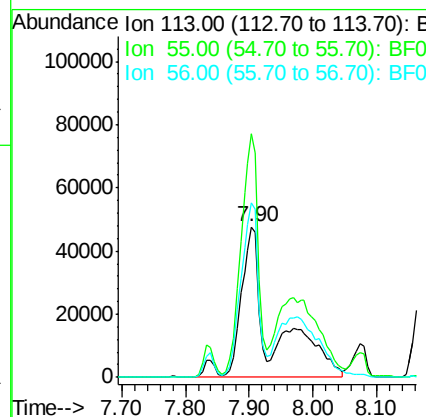
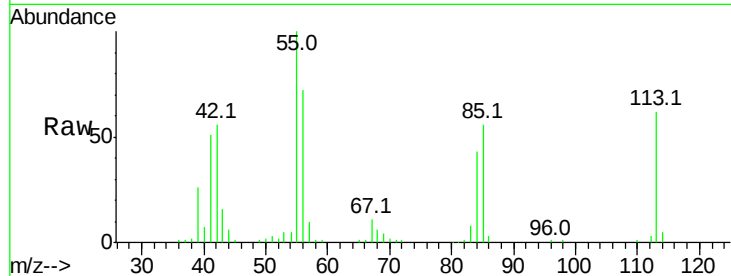
#35
 Caprolactam
 Concen: 56.10 ng/ml
 RT: 7.90 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleID :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.6	150.2	190.2
56	116.1	107.8	147.8

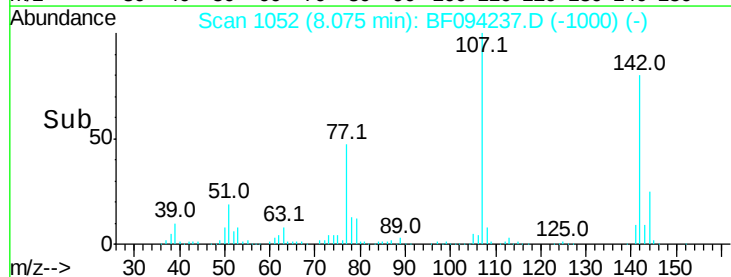
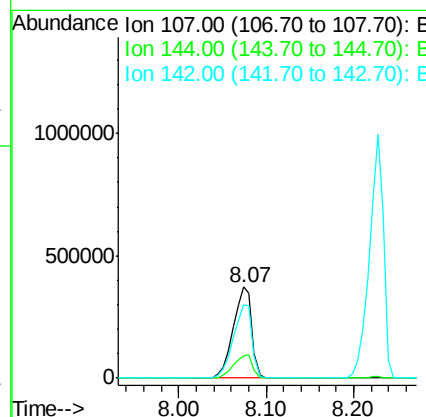
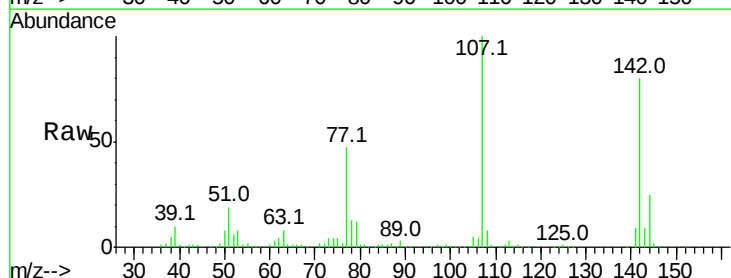
Manual Integrations
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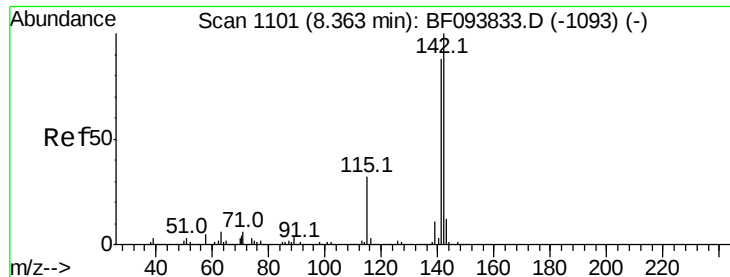
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 55.67 ng/ml
 RT: 8.07 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	24.2	36.4
142	80.3	73.4	110.0





#37

2-Methylnaphthalene

Concen: 49.61 ng

RT: 8.23 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

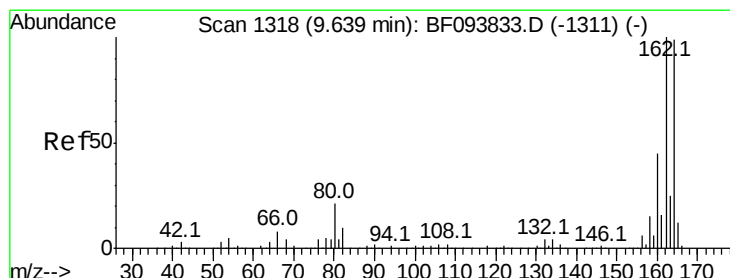
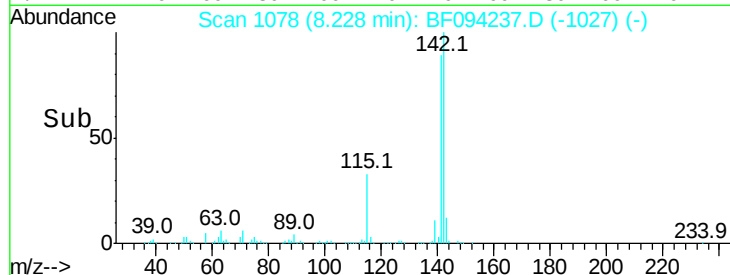
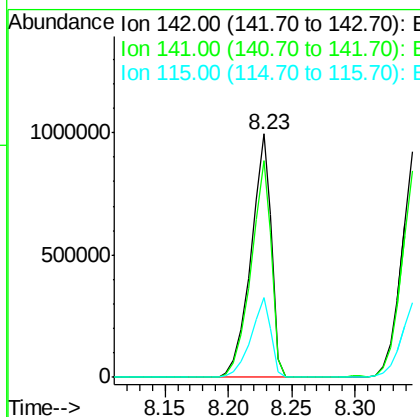
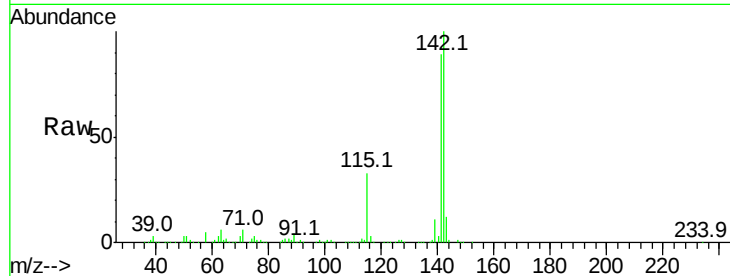
Instrument :
BNA_F

ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	32.5	27.1	40.7

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

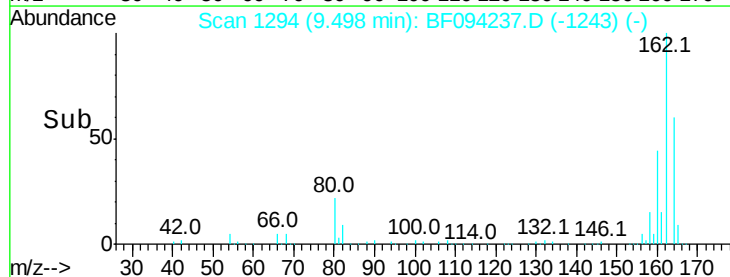
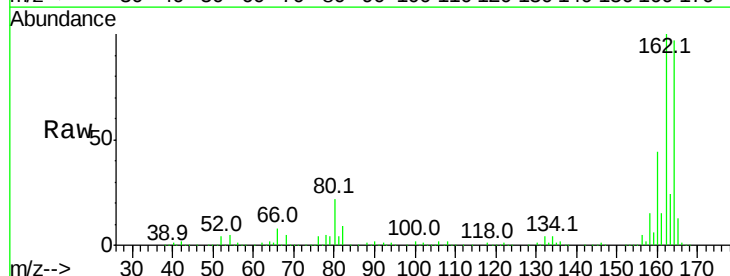
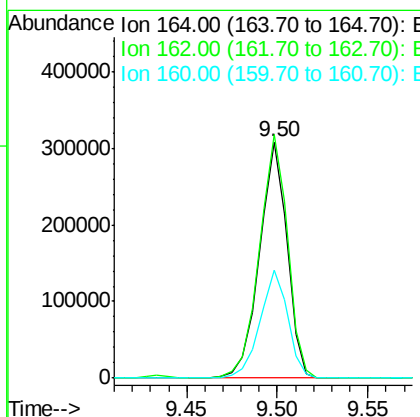
RT: 9.50 min Scan# 1294

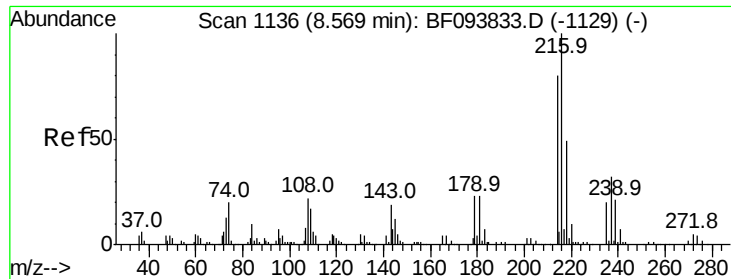
Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.5	36.2	54.2





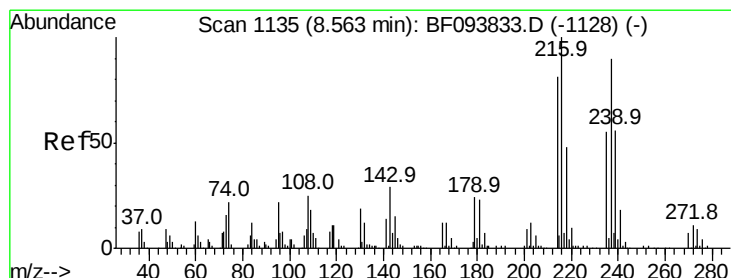
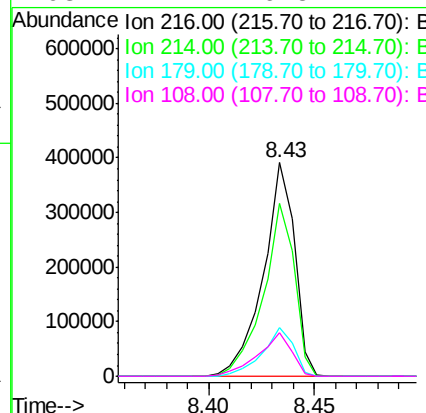
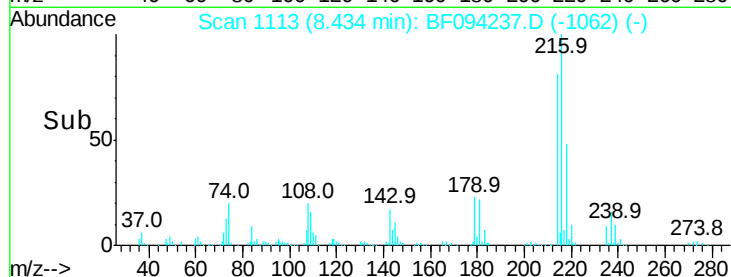
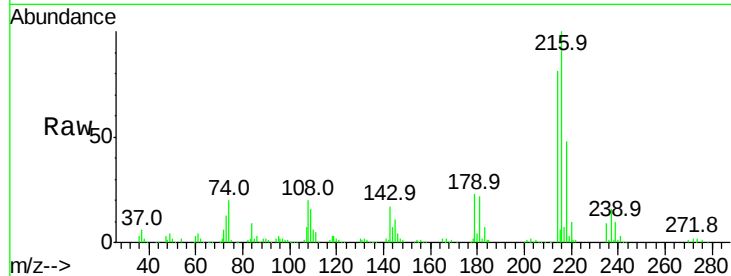
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.26 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	403231		
214	80.3	63.4	95.2	
179	22.6	17.9	26.9	
108	21.7	16.5	24.7	

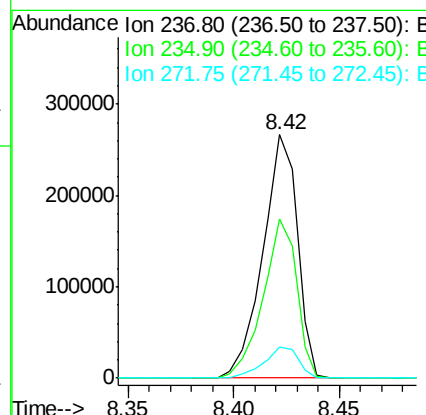
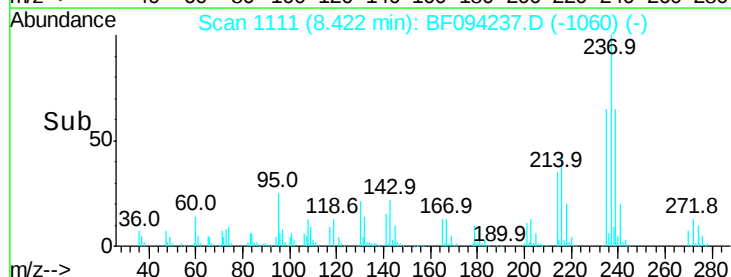
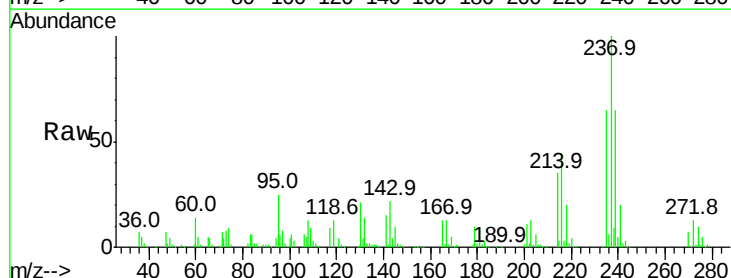
Manual Integrations
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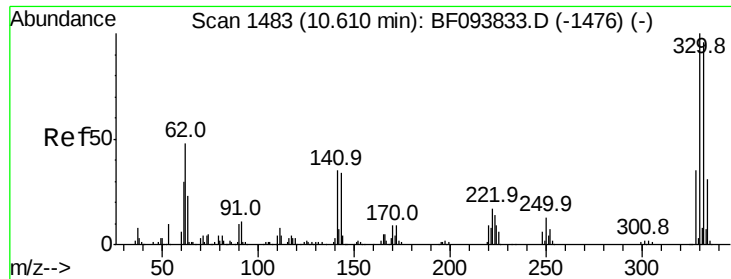
mohammad
 4/7/2017 5:21:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 72.57 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	302548		
235	65.2	42.6	82.6	
272	12.8	0.0	31.9	





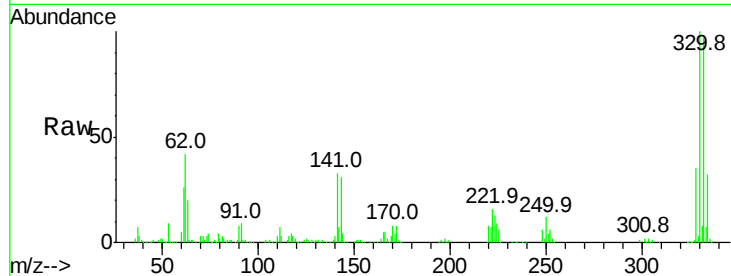
#41
 2,4,6-Tribromophenol
 Concen: 151.21 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

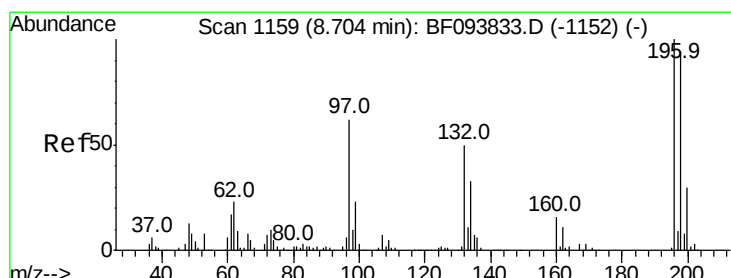
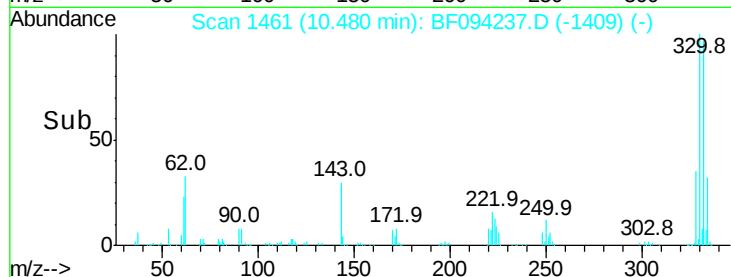
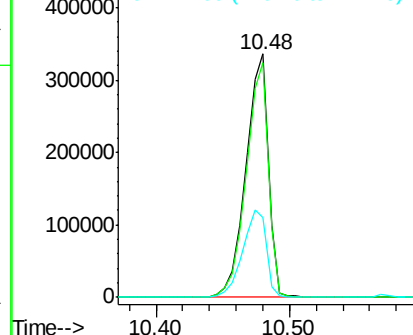
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.6	115.0	
141	38.2	31.4	47.2	

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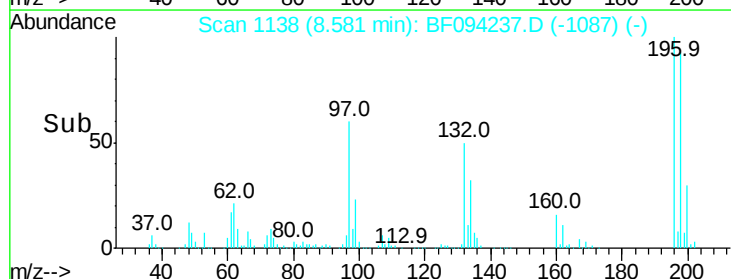
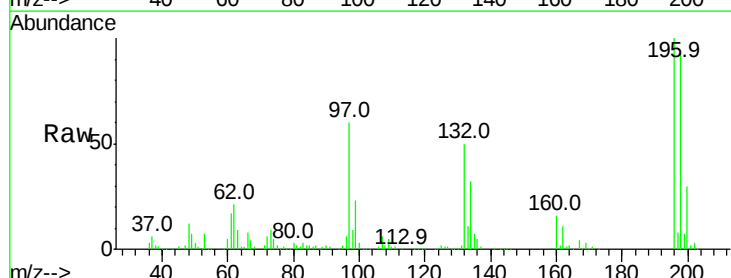
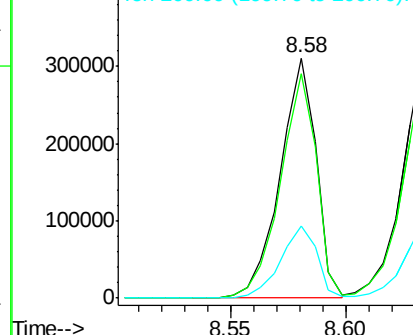
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

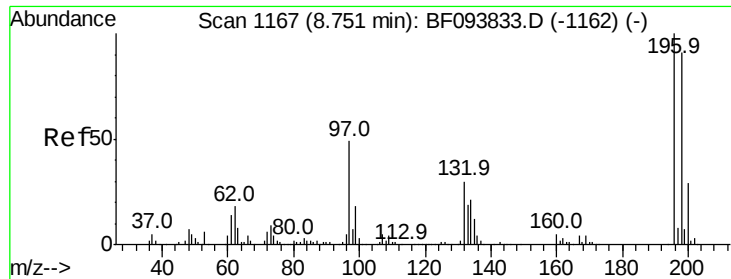


#42
 2,4,6-Trichlorophenol
 Concen: 53.24 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	74.2	111.4	
200	29.9	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





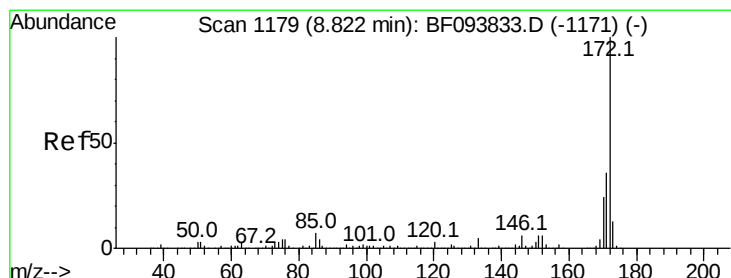
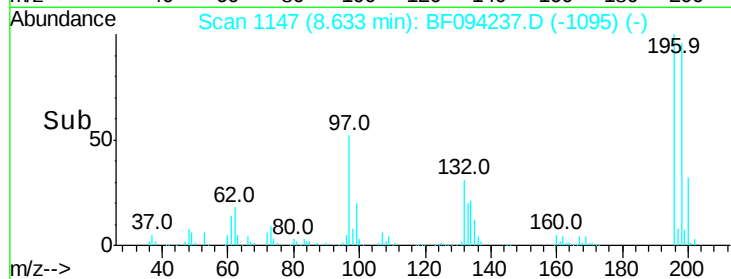
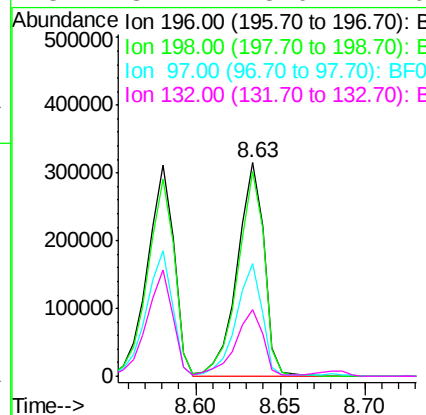
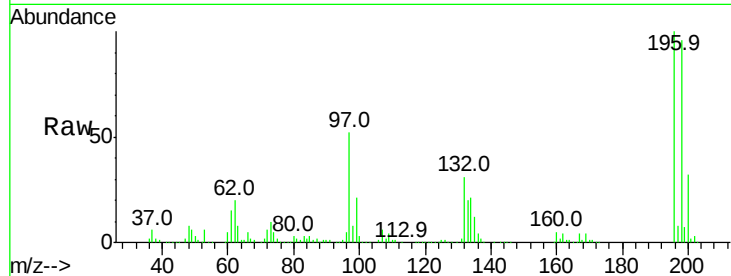
#43
 2,4,5-Trichlorophenol
 Concen: 50.94 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	196	Resp	347436
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
97	52.5	47.7	71.5
132	31.4	28.0	42.0

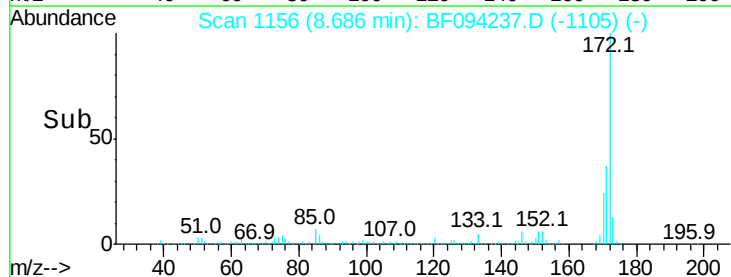
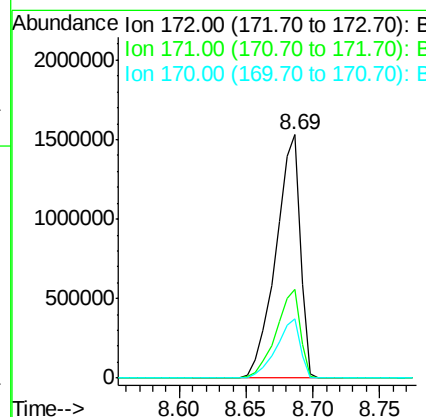
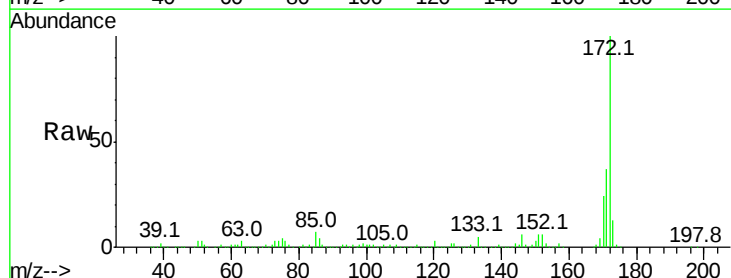
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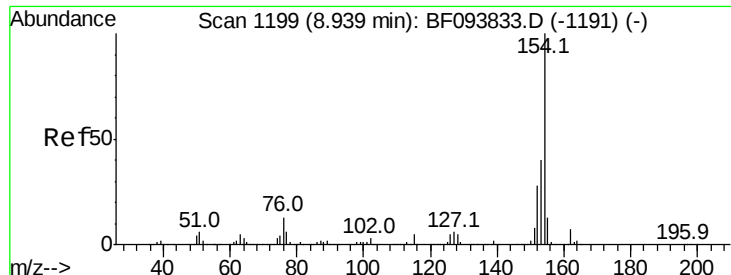
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 91.73 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	172	Resp	1958519
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.4	19.8	29.8





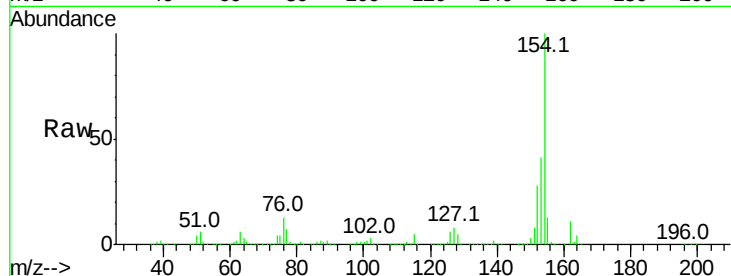
#45
 1,1'-Biphenyl
 Concen: 46.40 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	13.1	0.0	29.9

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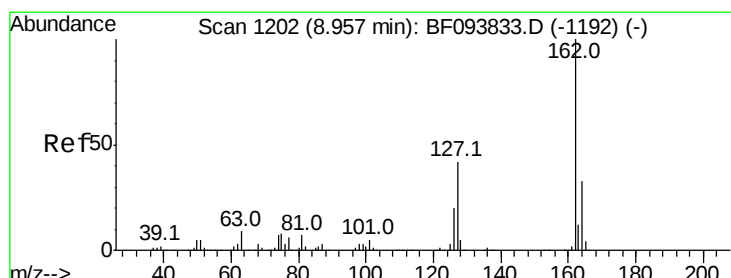
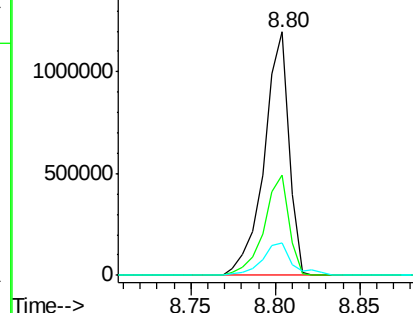
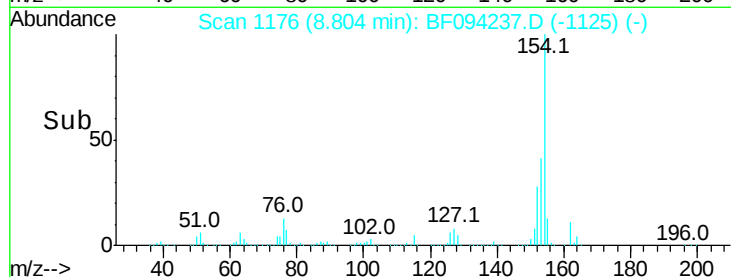


Abundance

Ion 154.00 (153.70 to 154.70): E

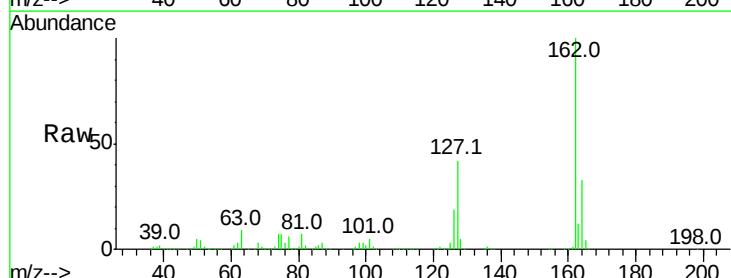
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 47.90 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	28.3	42.5
164	33.5	27.0	40.4

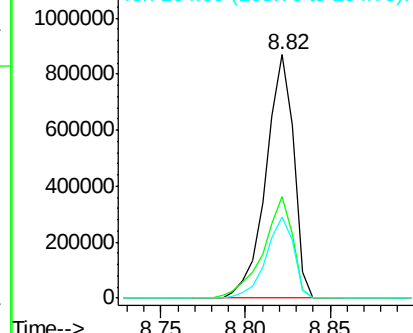
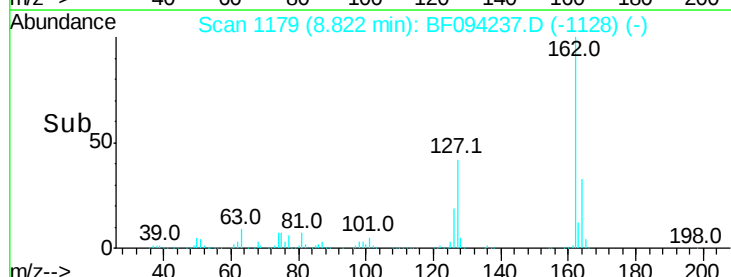


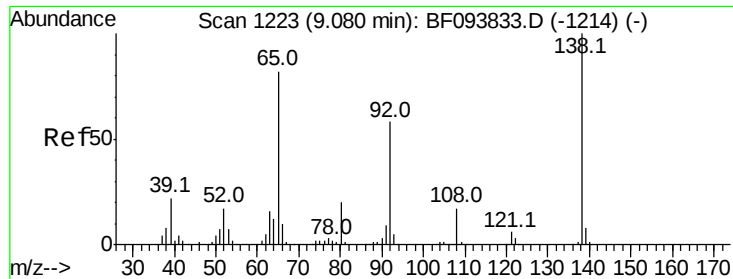
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





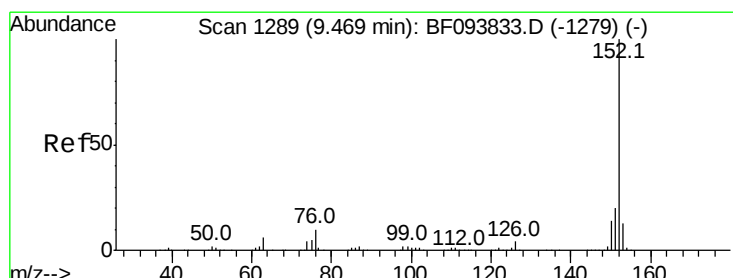
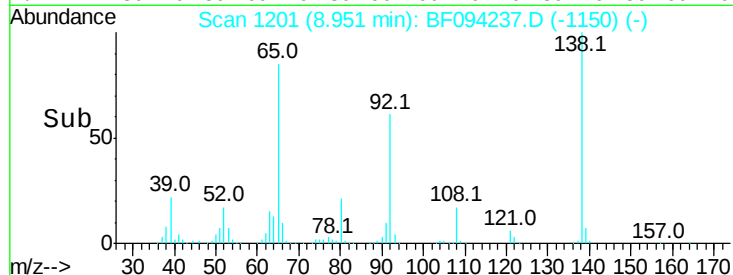
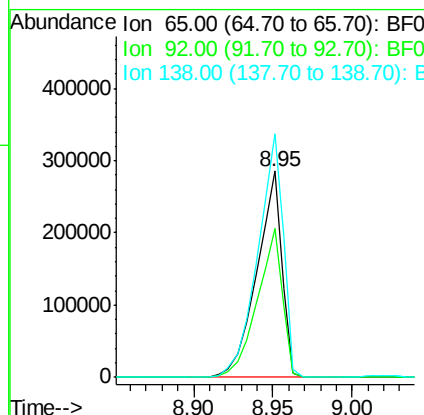
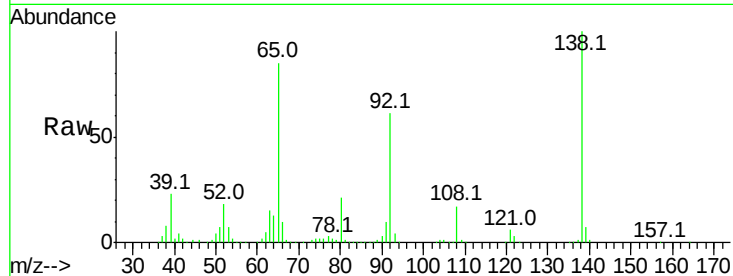
#47
2-Nitroaniline
Concen: 51.92 ng
RT: 8.95 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion: 65 Resp: 316659
Ion Ratio Lower Upper
65 100
92 72.3 53.9 80.9
138 118.1 78.8 118.2

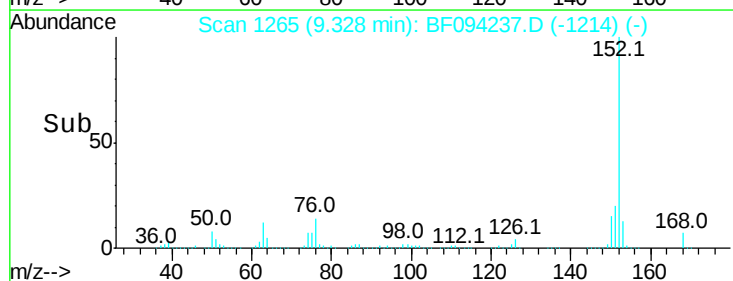
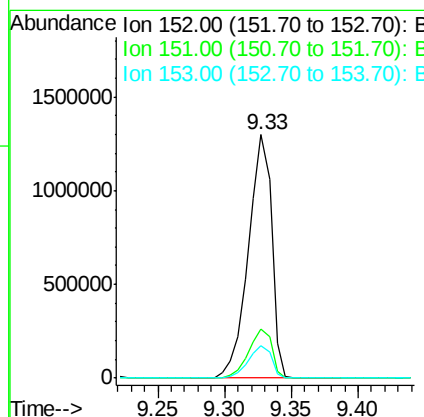
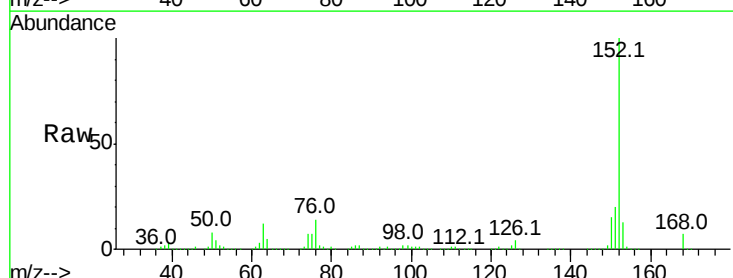
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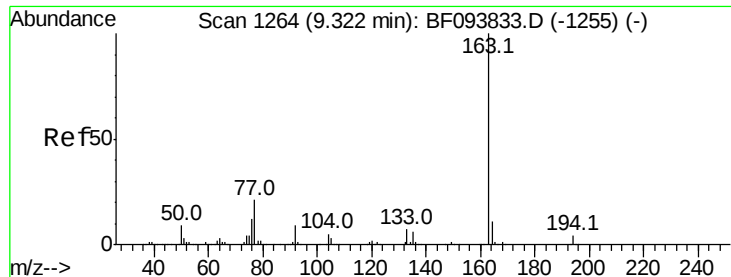
mohammad
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#48
Acenaphthylene
Concen: 45.36 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:152 Resp: 1549888
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.5 10.8 16.2





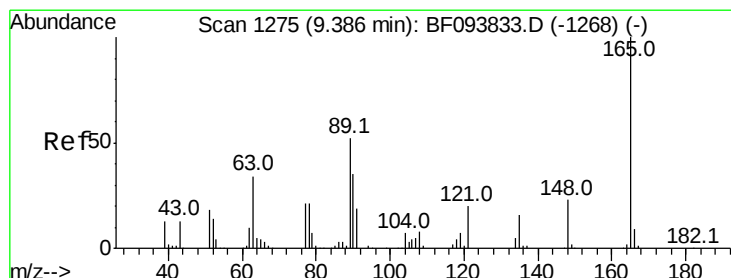
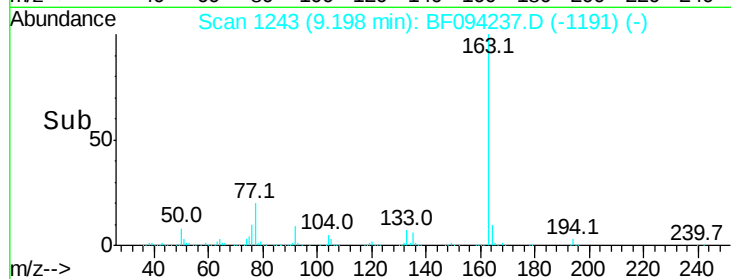
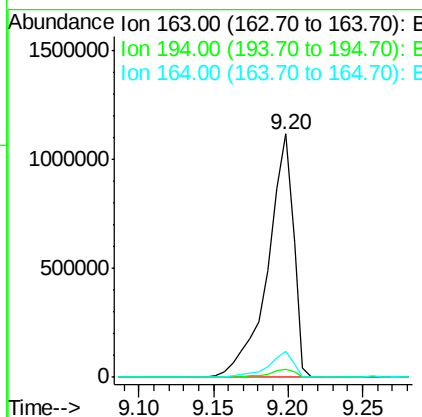
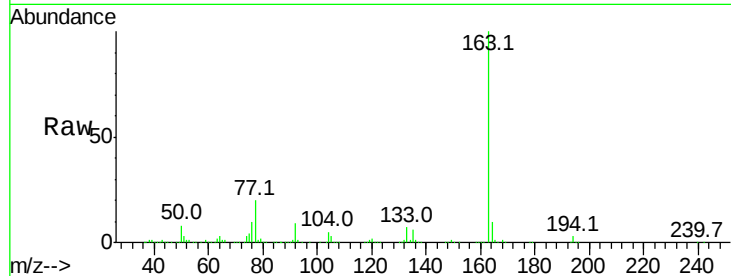
#49
 Dimethylphthalate
 Concen: 57.71 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	163	Resp	1335958
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6

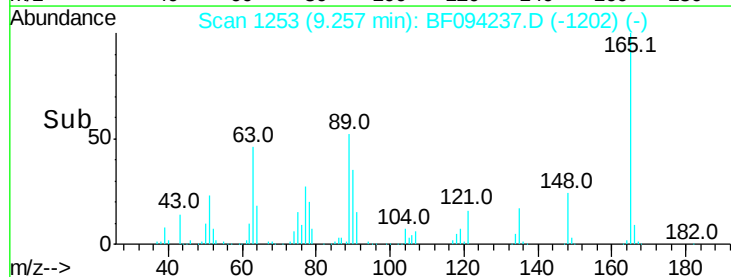
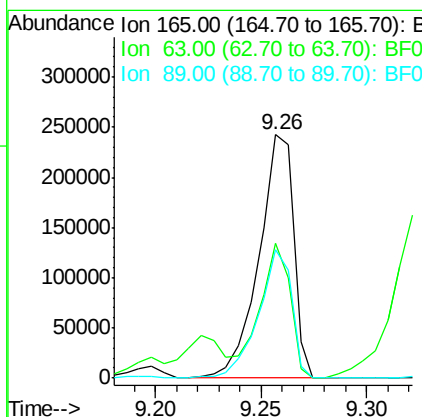
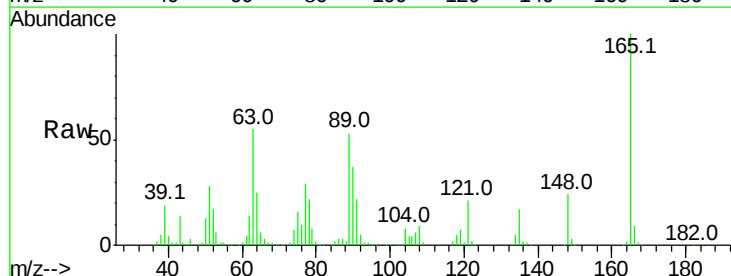
Manual Integrations
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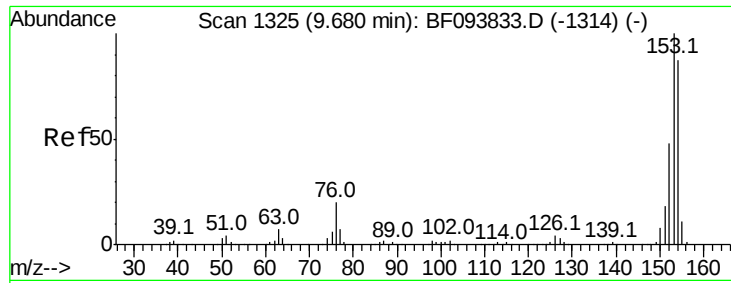
mohammad
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#50
 2,6-Dinitrotoluene
 Concen: 52.21 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	165	Resp	277071
Ion Ratio	Lower	Upper	
165	100		
63	55.3	34.3	51.5#
89	52.6	37.1	55.7





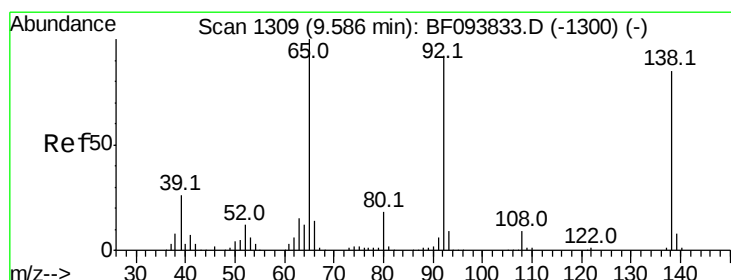
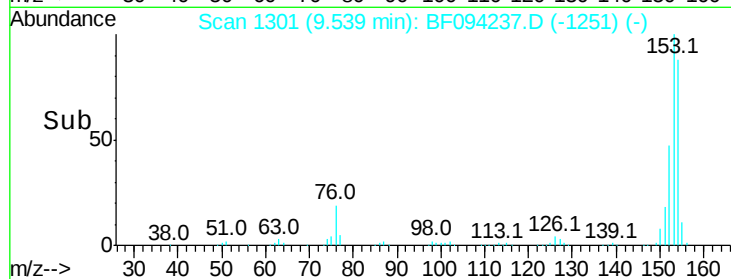
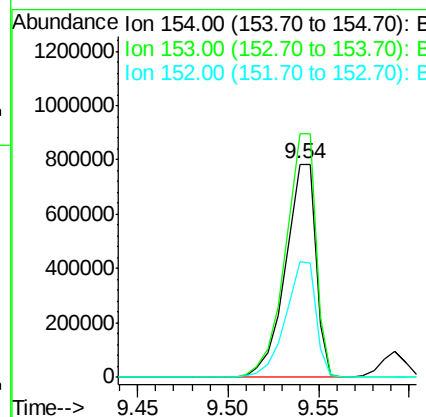
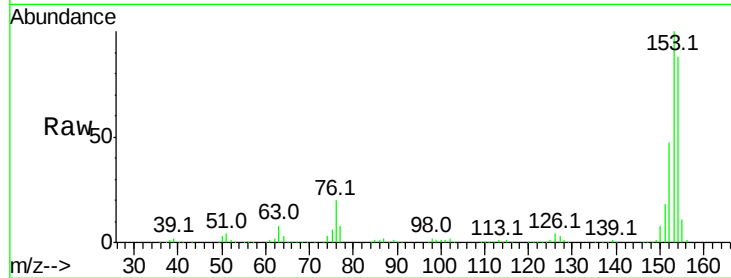
#51
Acenaphthene
Concen: 46.47 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	54.0	43.6	65.4

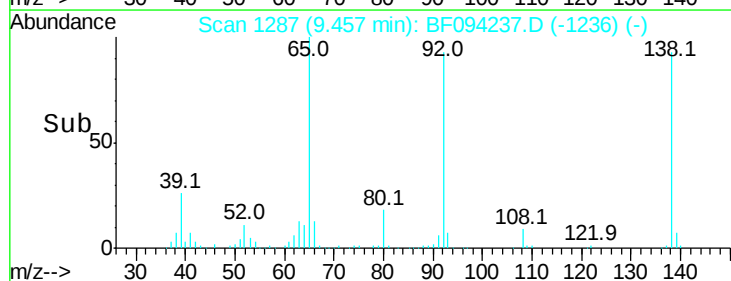
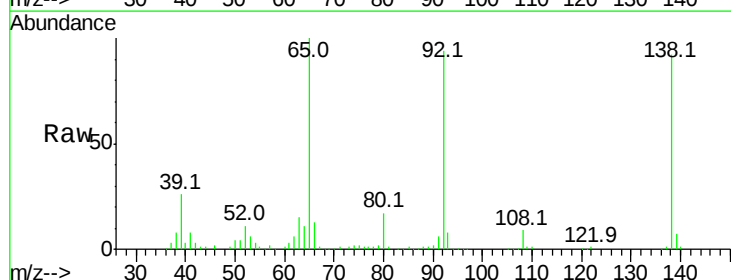
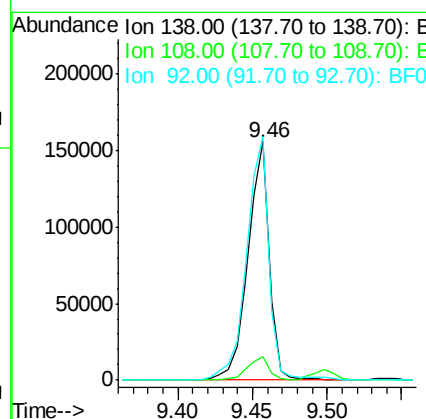
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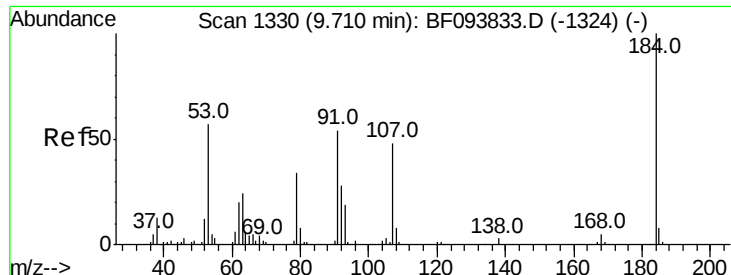
mohammad
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#52
3-Nitroaniline
Concen: 24.69 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	102.2	93.8	140.6





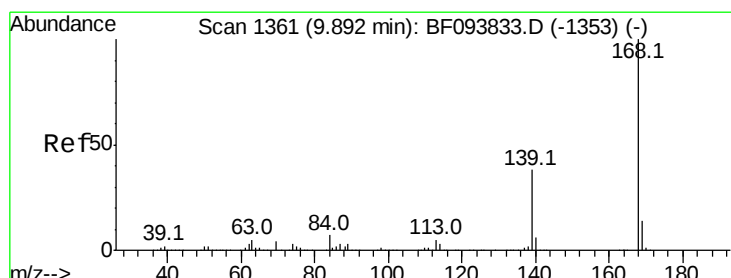
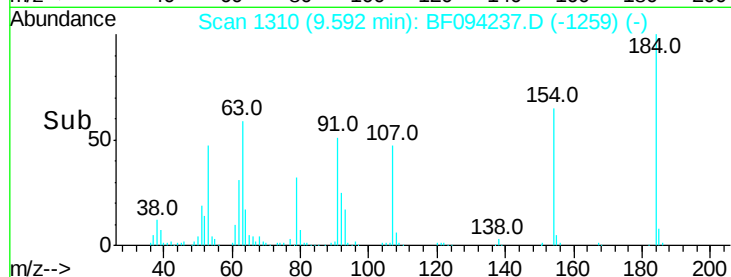
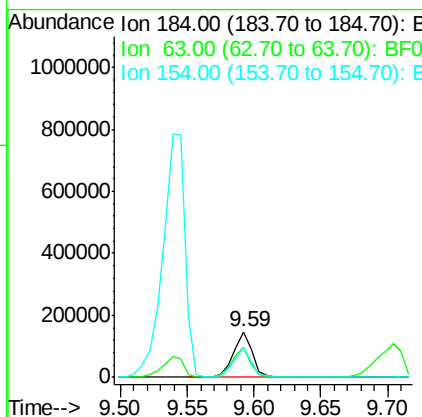
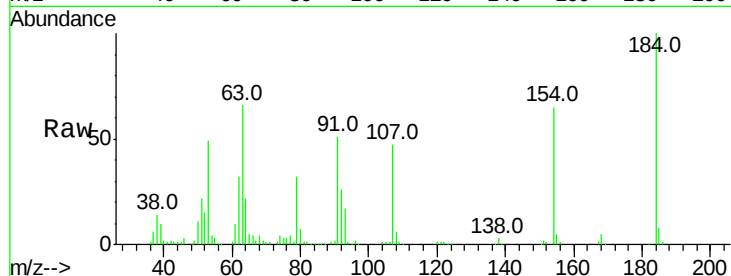
#53
 2,4-Dinitrophenol
 Concen: 54.68 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.8	62.7	94.1
154	65.3	81.1	121.7#

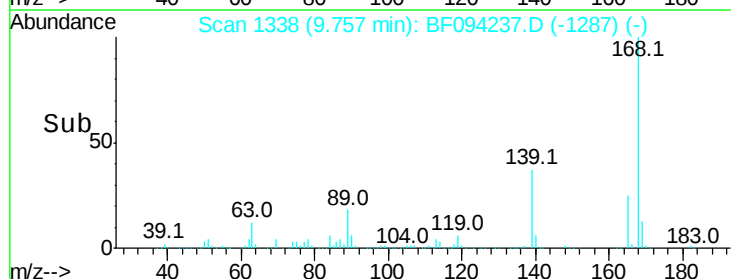
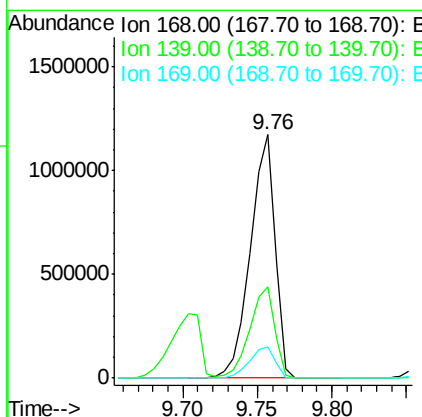
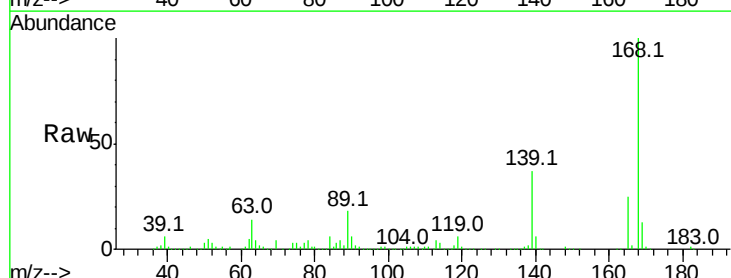
Manual Integrations
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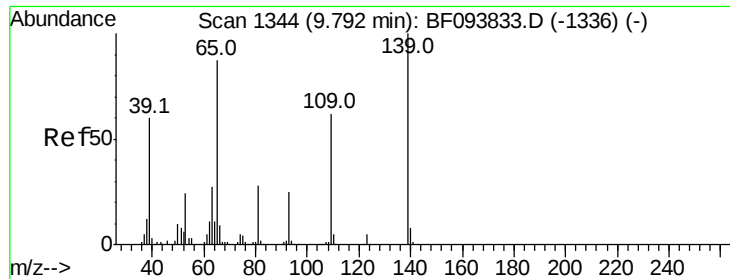
mohammad
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#54
 Dibenzofuran
 Concen: 49.00 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.6	45.8
169	13.0	10.8	16.2





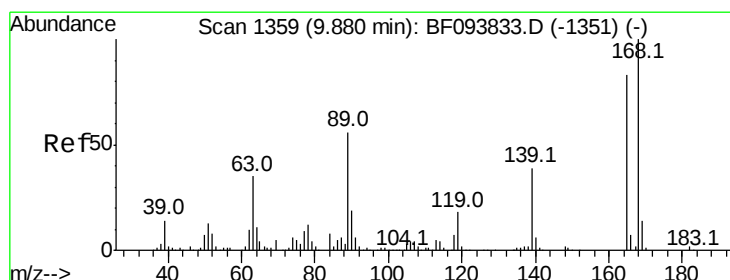
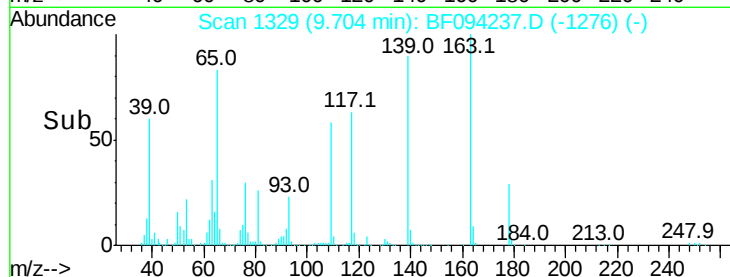
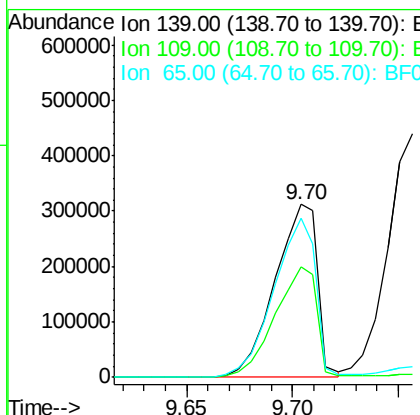
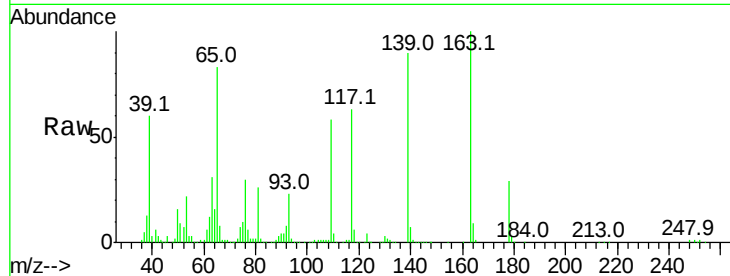
#55
4-Nitrophenol
Concen: 89.75 ng
RT: 9.70 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.9	34.1	74.1
65	91.9	31.4	71.4

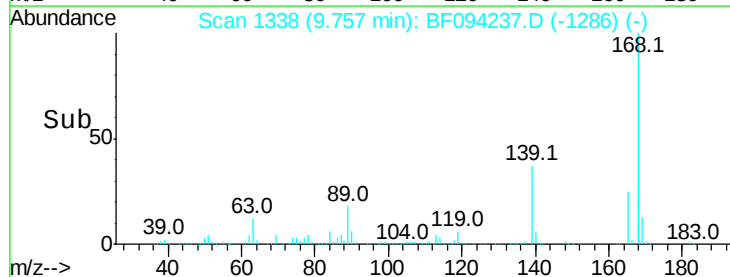
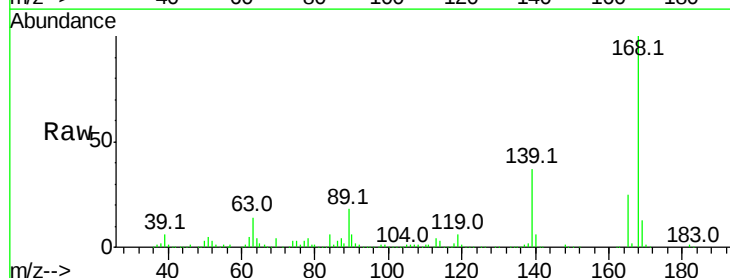
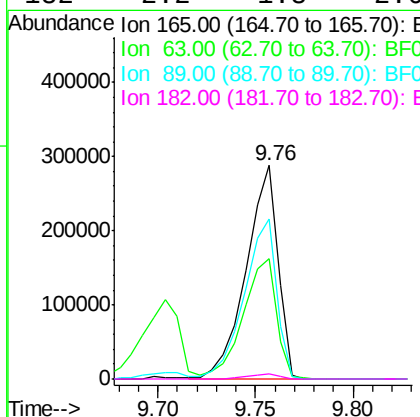
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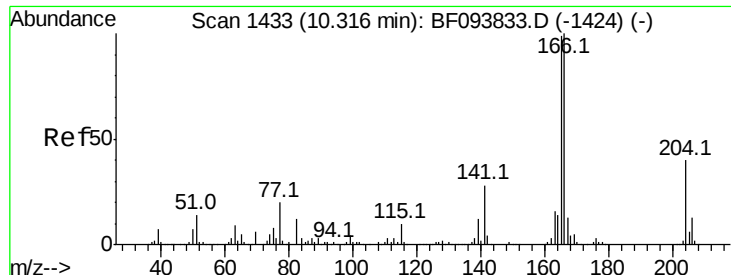
mohammad
4/7/2017 5:21:02 PM



#56
2,4-Dinitrotoluene
Concen: 48.81 ng
RT: 9.76 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.2	25.4	38.0
89	74.8	46.4	69.6
182	2.2	1.8	2.6





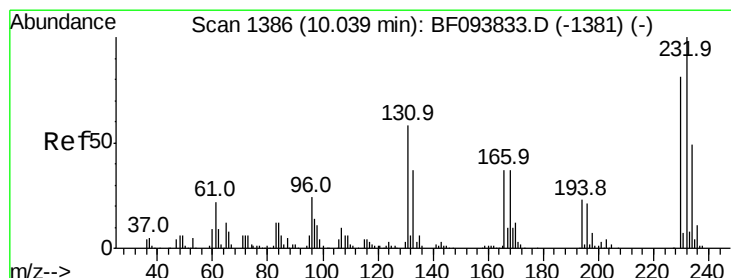
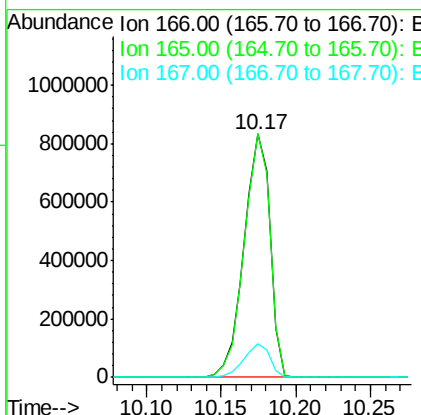
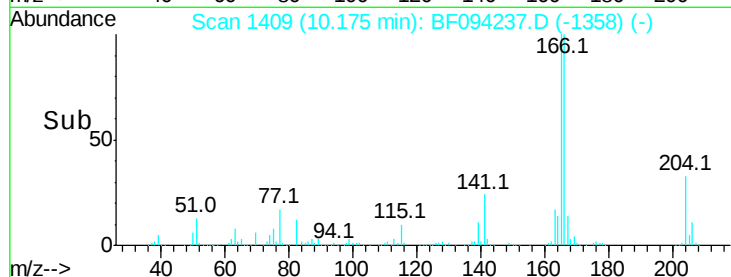
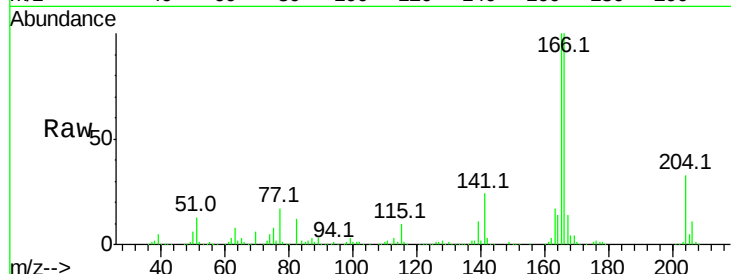
#57
Fluorene
 Concen: 44.49 ng
 RT: 10.17 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	14.0	10.6	16.0

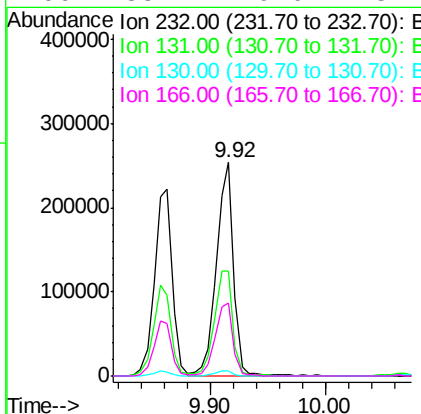
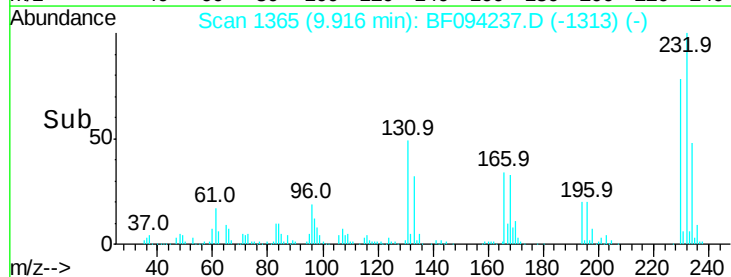
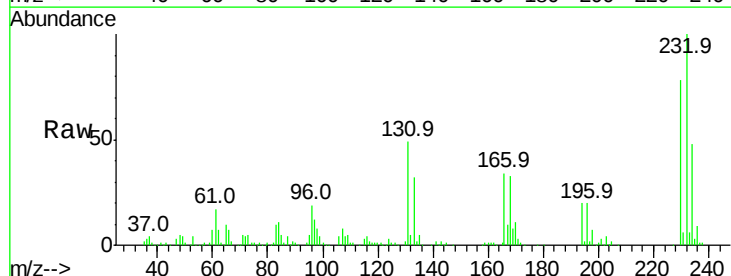
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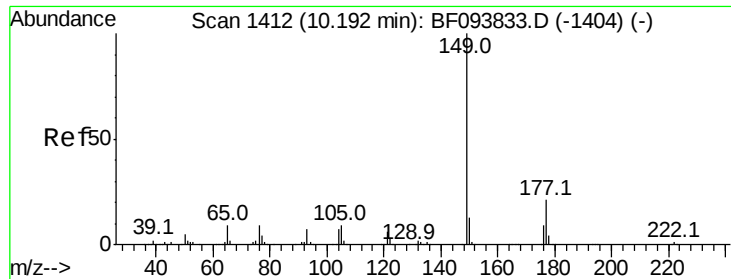
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.25 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.4	44.8	67.2
130	2.7	2.3	3.5
166	35.1	29.0	43.4





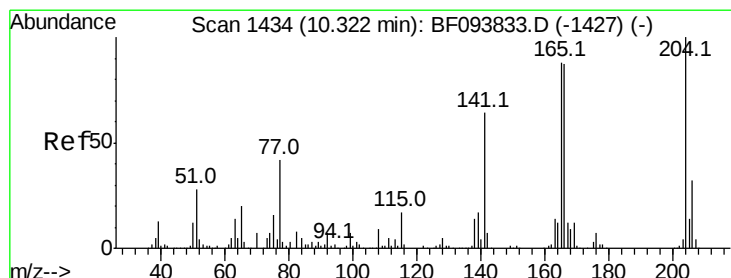
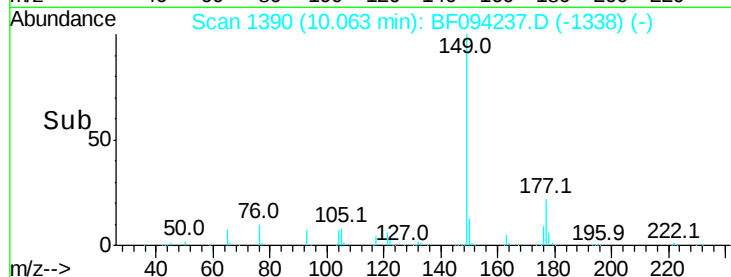
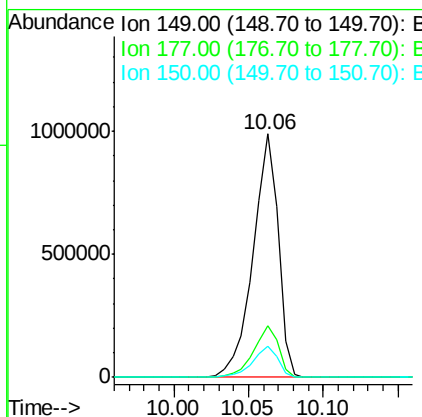
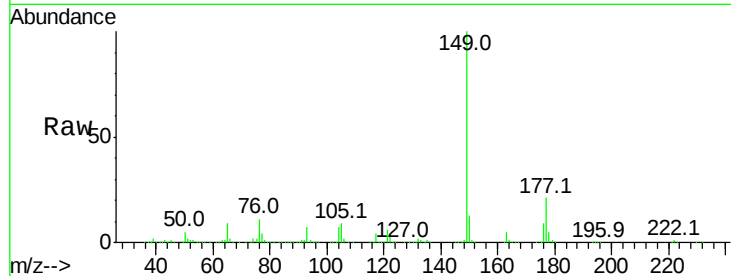
#59
Diethylphthalate
Concen: 50.09 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.6	10.2	15.2

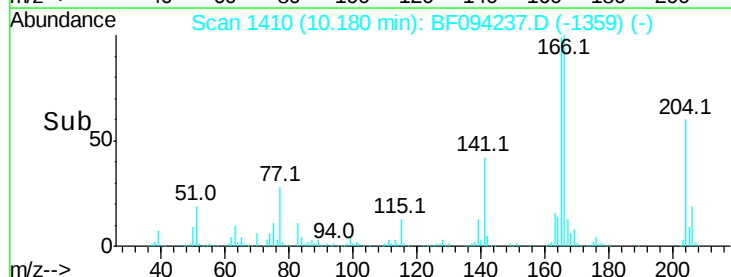
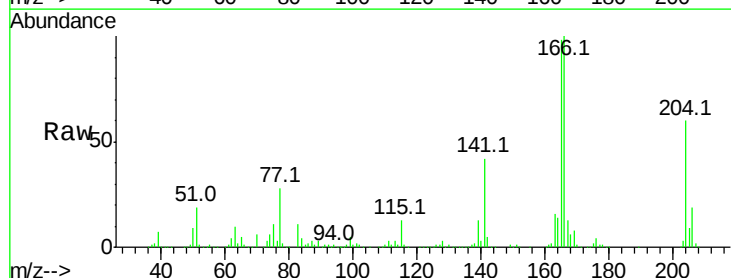
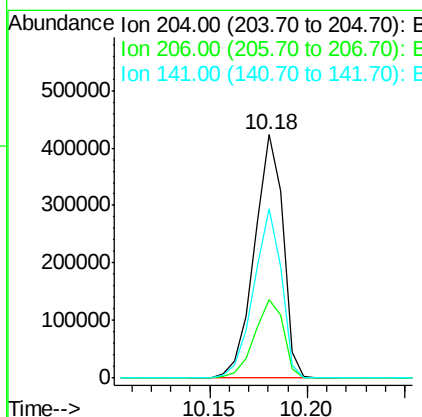
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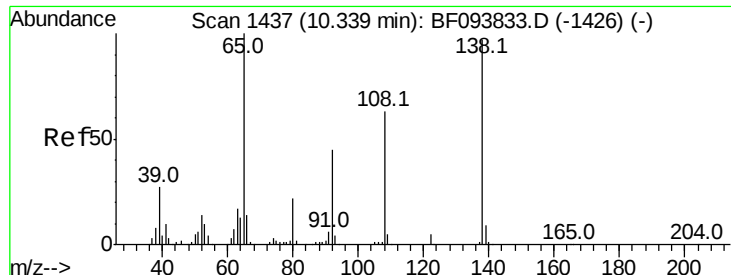
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.80 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	69.8	60.8	91.2





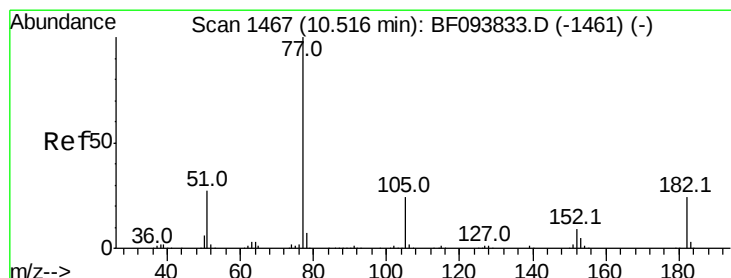
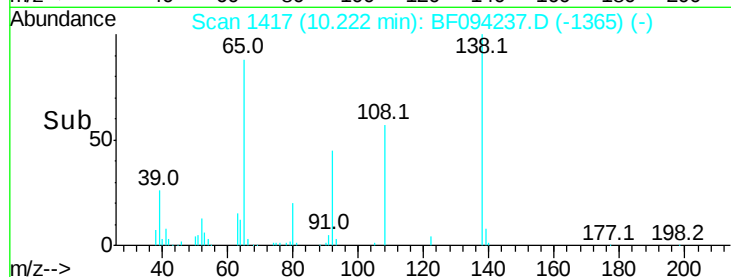
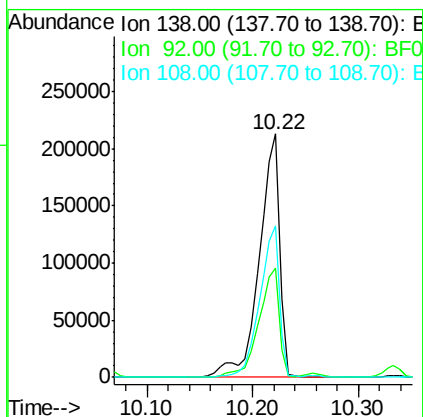
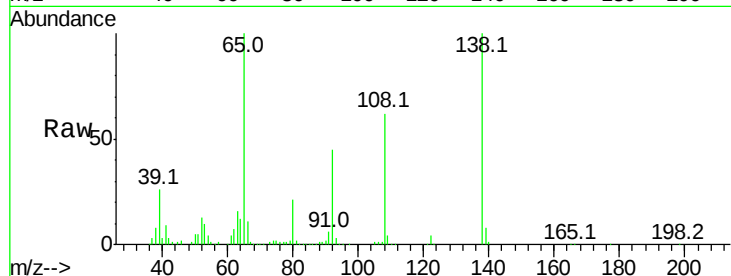
#61
4-Nitroaniline
Concen: 48.44 ng
RT: 10.22 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	62.3	42.3	82.3

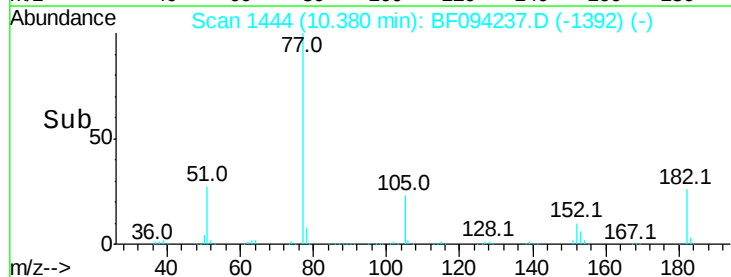
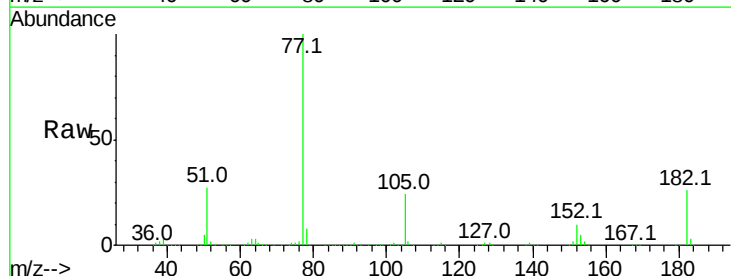
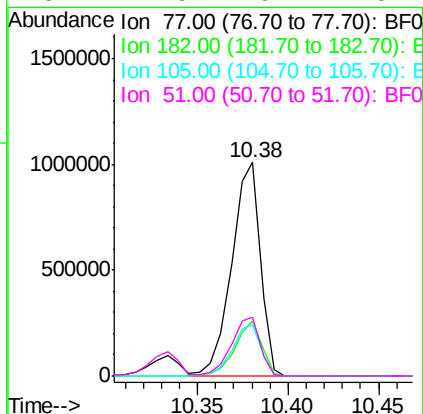
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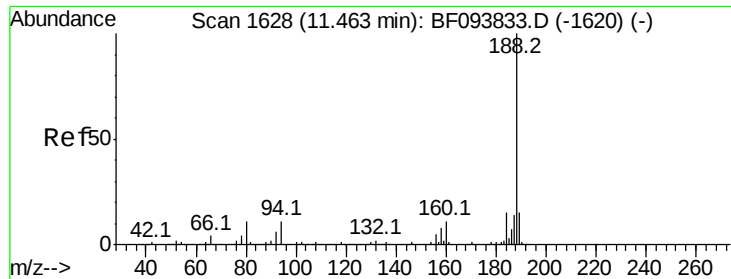
mohammad
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#62
Azobenzene
Concen: 51.11 ng
RT: 10.38 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	0.1	40.1
105	24.1	3.6	43.6
51	27.5	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

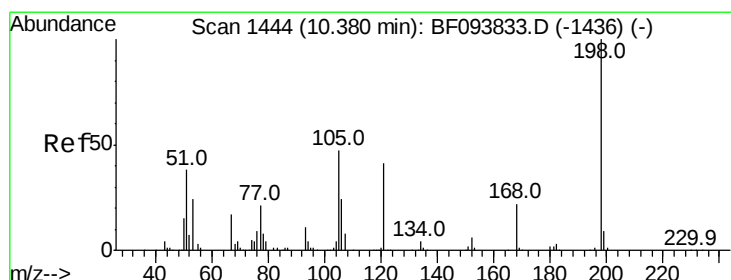
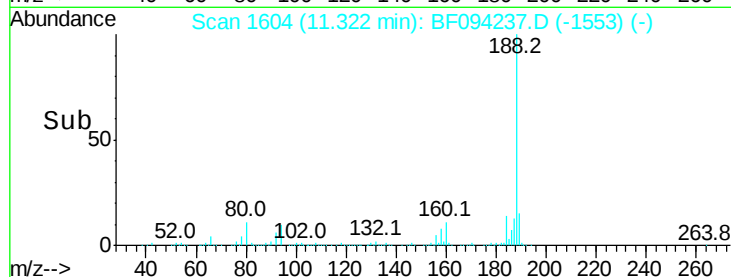
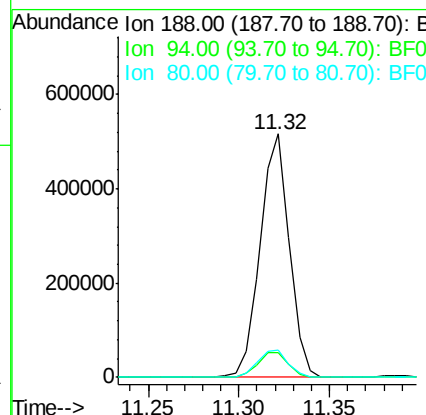
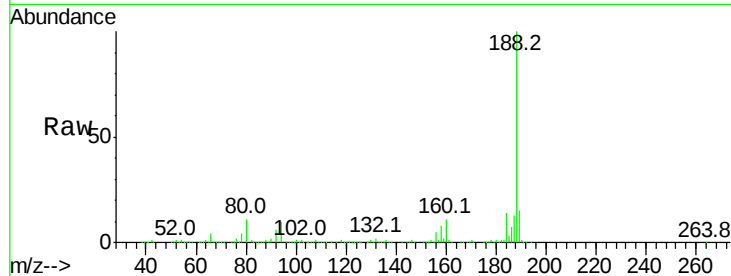
ClientSampleId :

GP-B-02(10-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	577069		
94	10.2		9.4	14.2
80	11.3		10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.21 ng

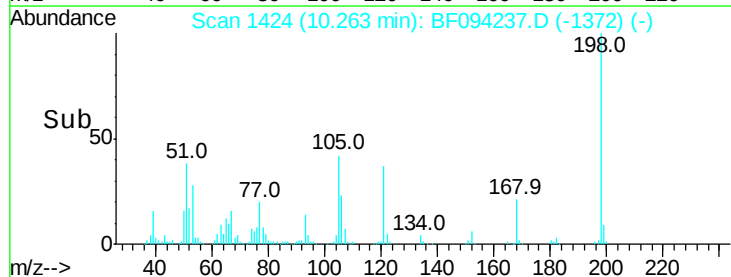
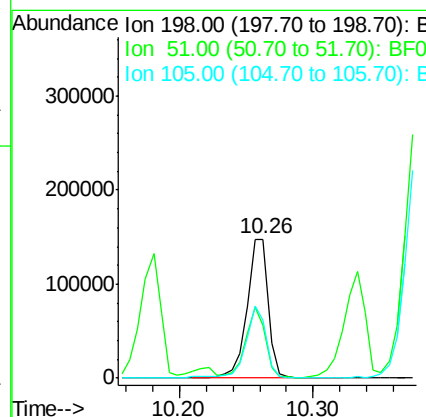
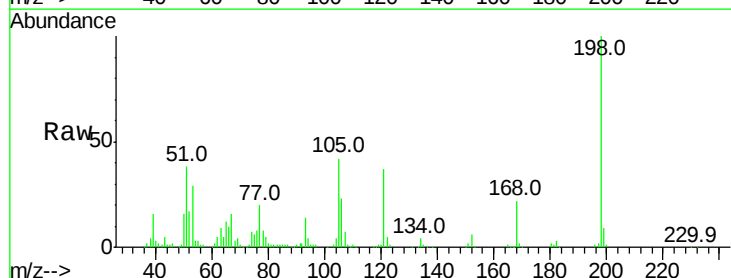
RT: 10.26 min Scan# 1424

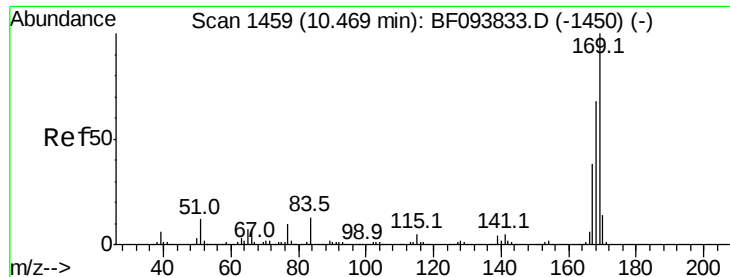
Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163310		
51	38.2		53.2	93.2#
105	41.9		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 49.12 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

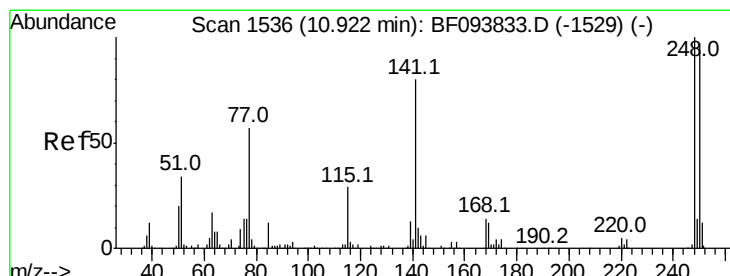
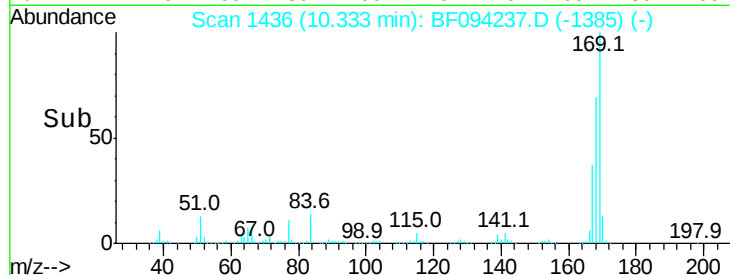
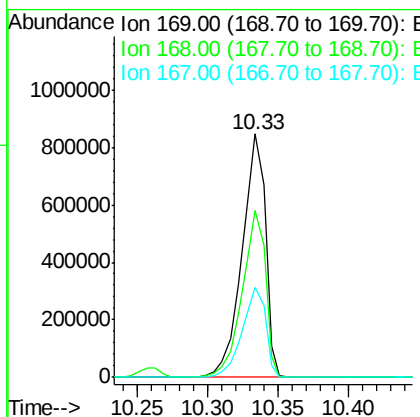
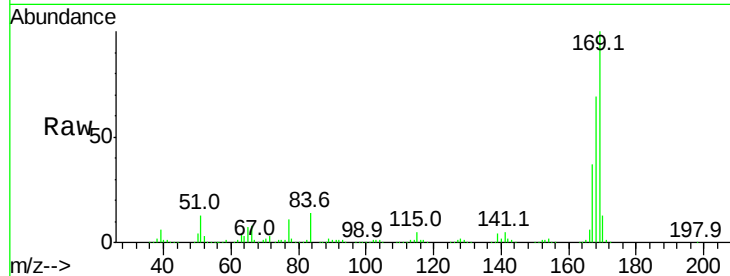
ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:	169	Resp:	980221
Ion Ratio	Lower	Upper	
169	100		
168	68.6	53.2	79.8
167	37.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 47.96 ng

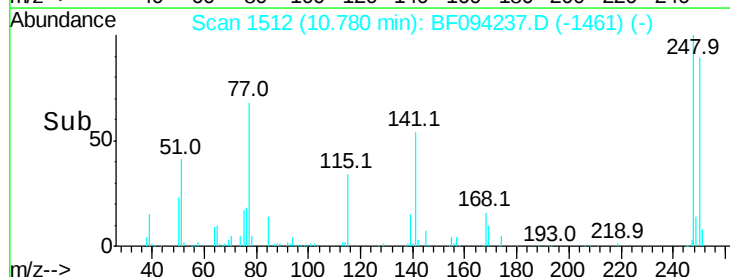
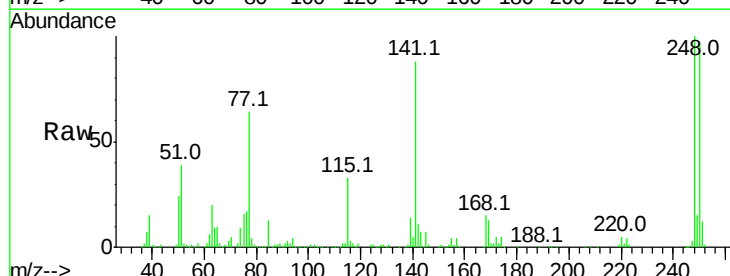
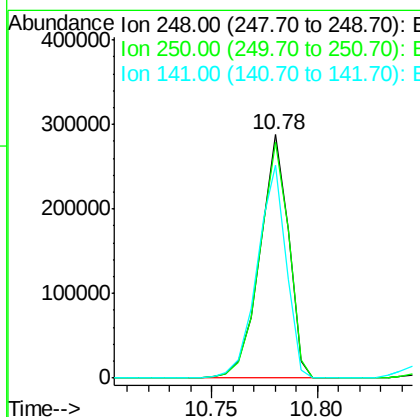
RT: 10.78 min Scan# 1512

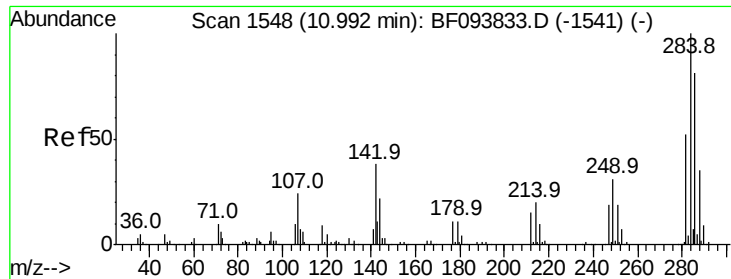
Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion:	248	Resp:	272207
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.8	115.2
141	87.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 48.53 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

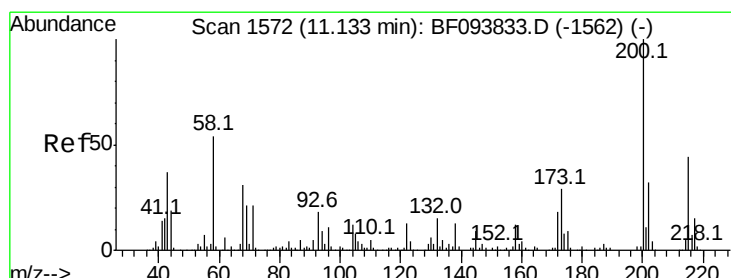
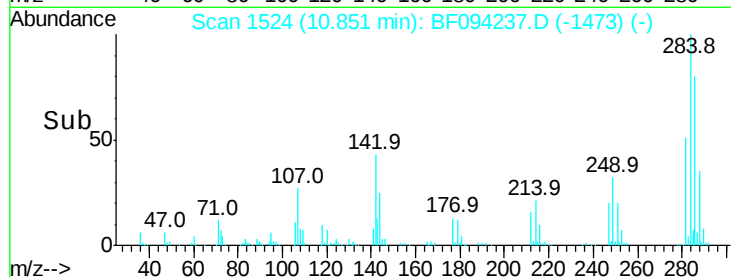
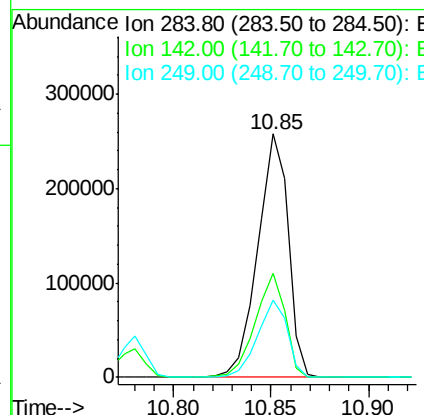
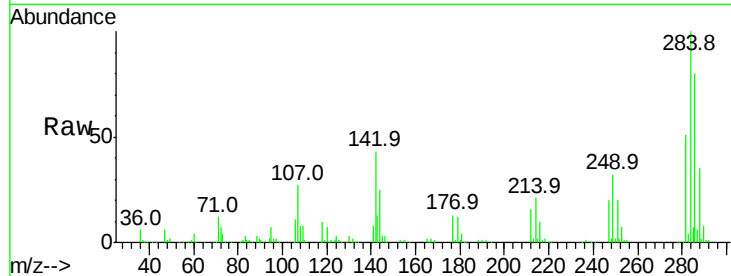
ClientSampleId :

GP-B-02(10-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	278793		
142	42.7	22.8	34.2#	
249	31.8	24.0	36.0	

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#68

Atrazine

Concen: 48.56 ng

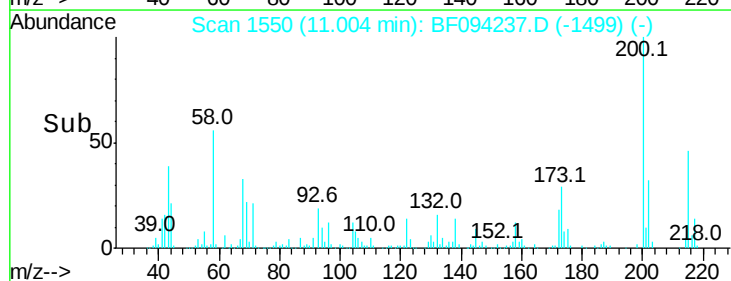
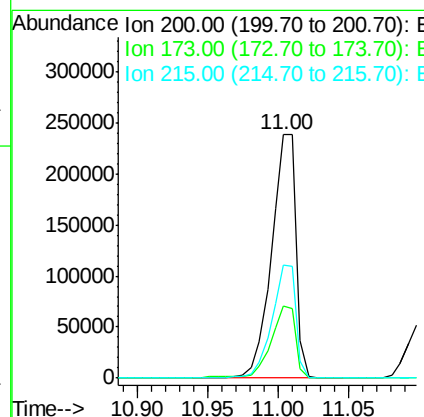
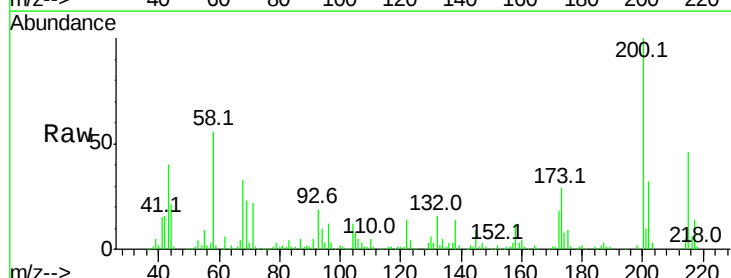
RT: 11.00 min Scan# 1550

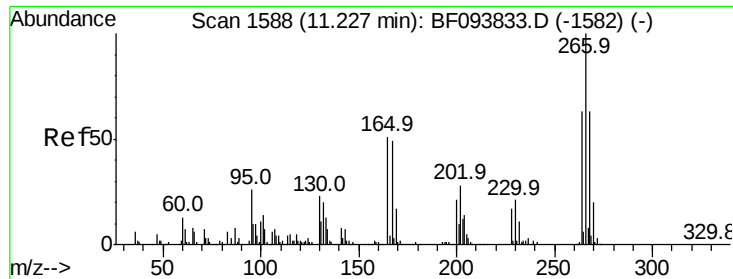
Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	290254		
173	29.5	6.3	46.3	
215	46.3	27.2	67.2	





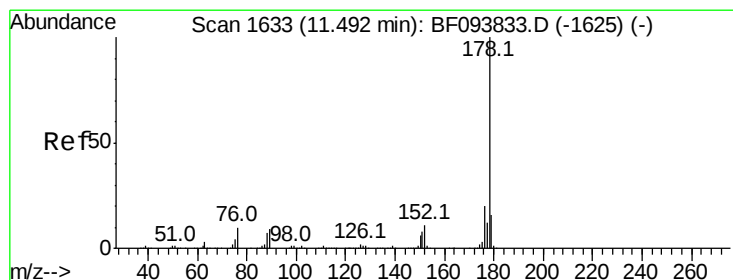
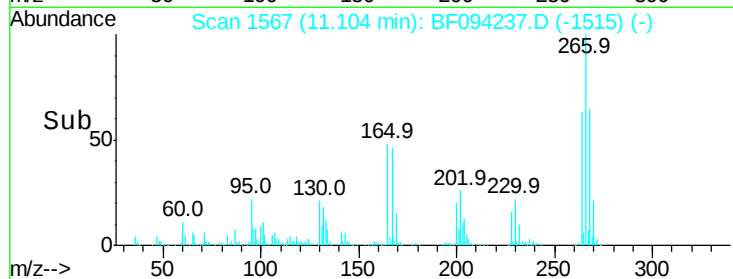
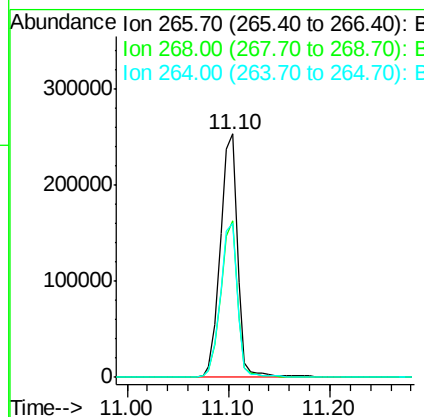
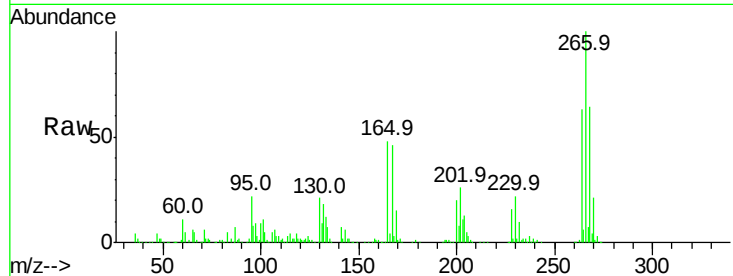
#69
 Pentachlorophenol
 Concen: 84.09 ng
 RT: 11.10 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	63.3	51.7	77.5

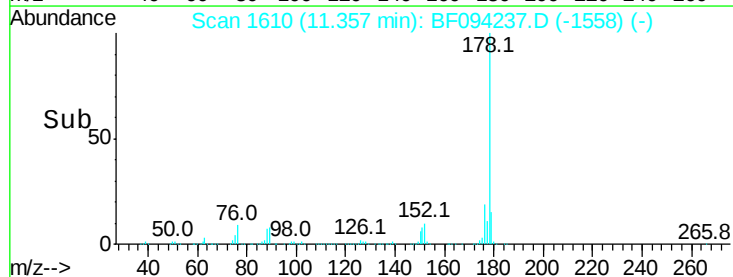
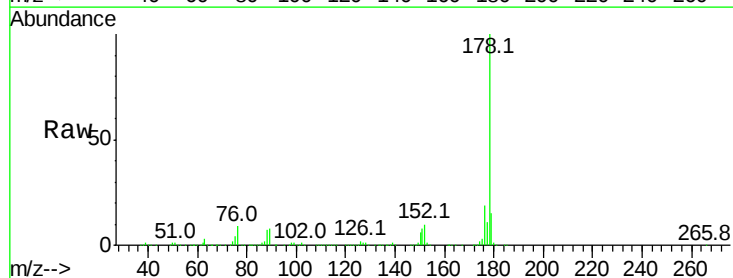
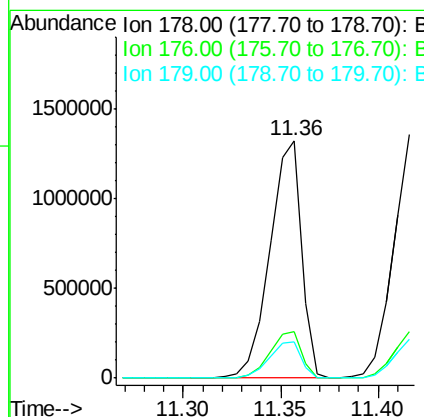
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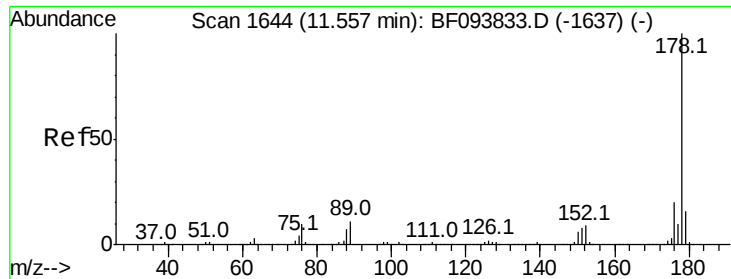
mohammad
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#70
 Phenanthrene
 Concen: 46.43 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0





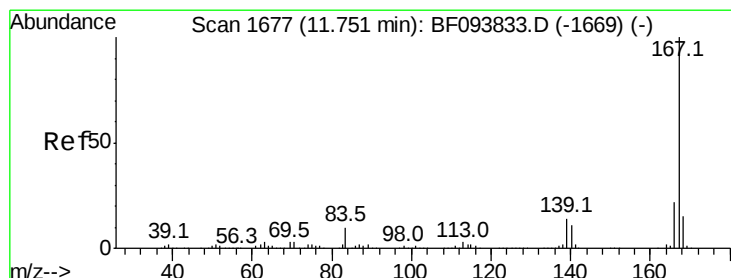
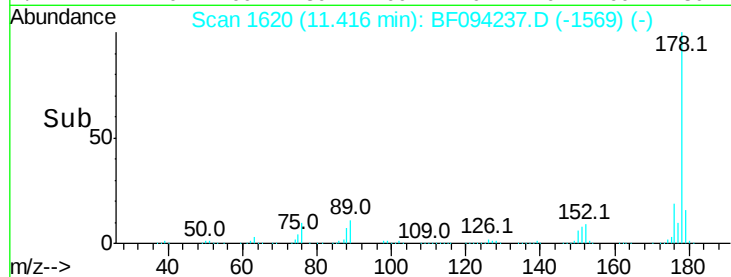
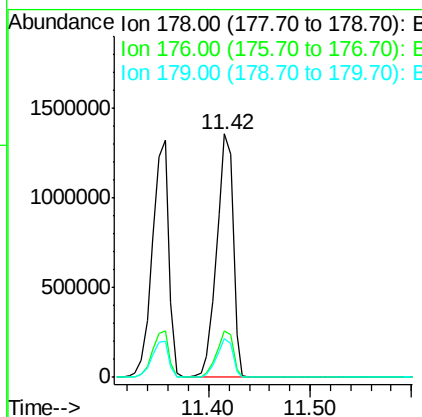
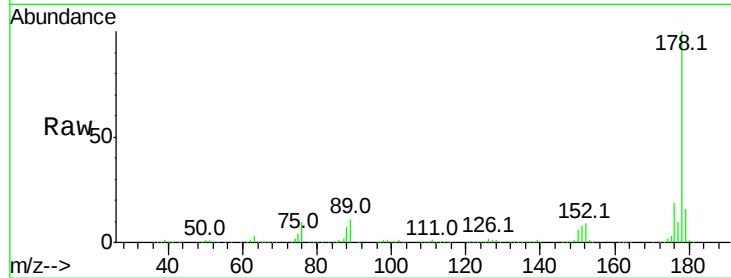
#71
 Anthracene
 Concen: 46.54 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:178 Resp: 1538185
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1

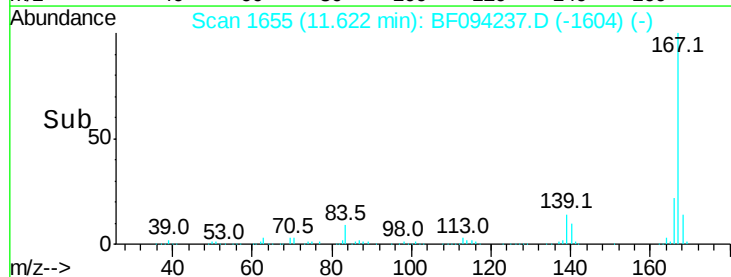
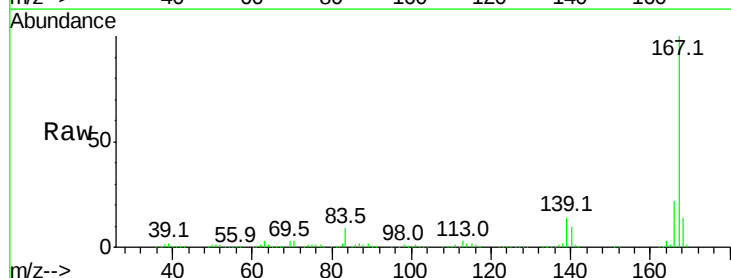
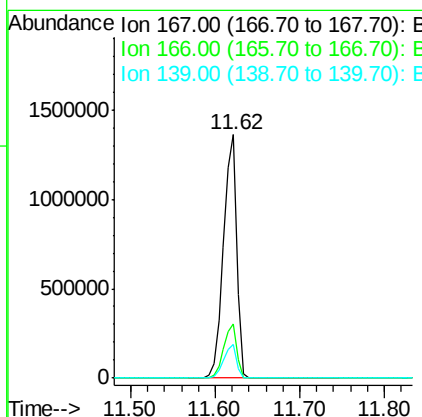
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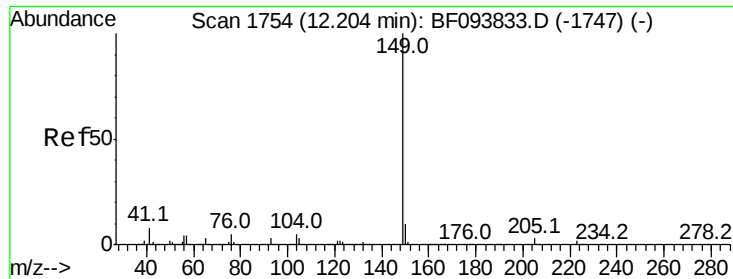
mohammad
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#72
 Carbazole
 Concen: 43.82 ng
 RT: 11.62 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:167 Resp: 1485112
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5





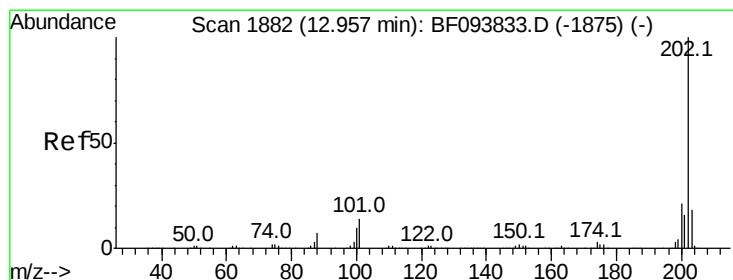
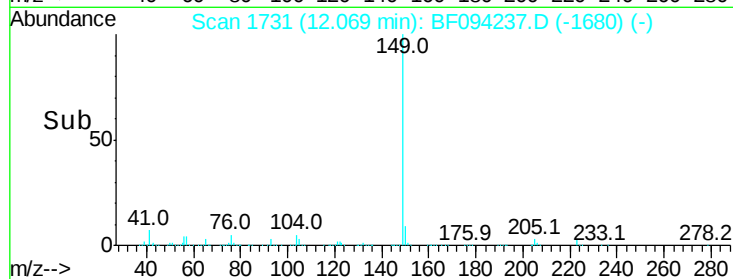
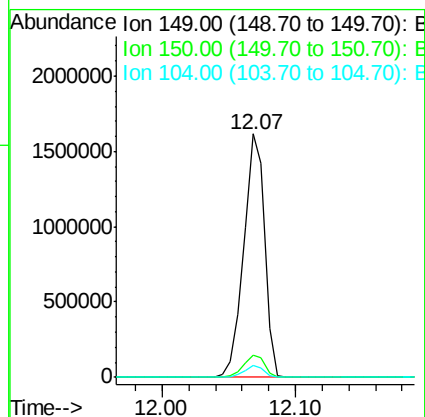
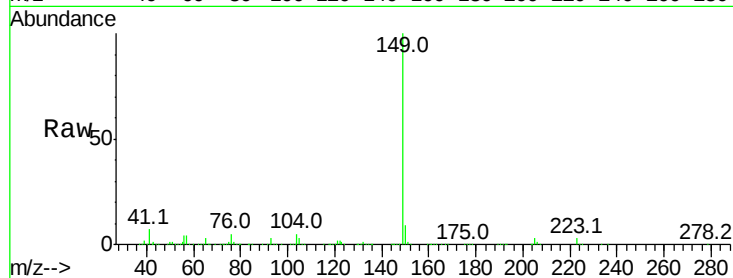
#73
Di-n-butylphthalate
Concen: 49.38 ng
RT: 12.07 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:149 Resp: 1740636
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.8 4.0 6.0

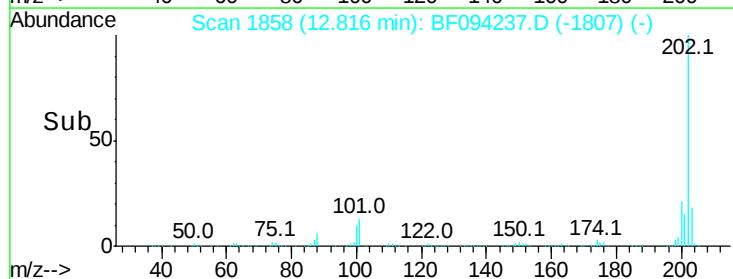
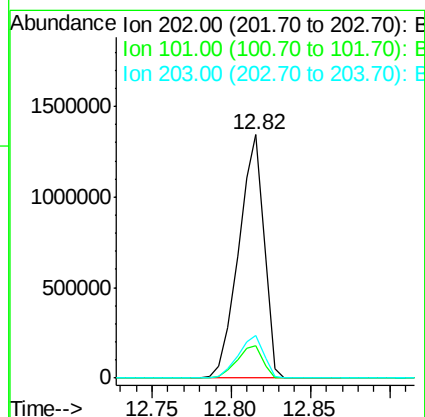
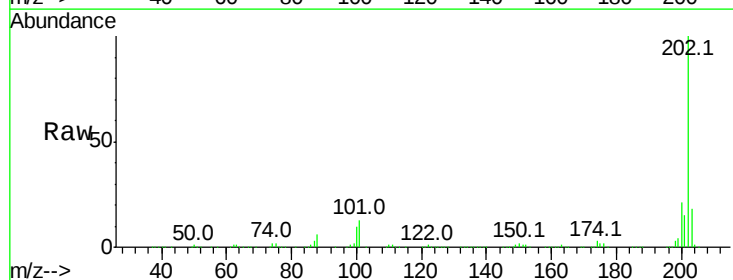
Manual Integrations
APPROVED

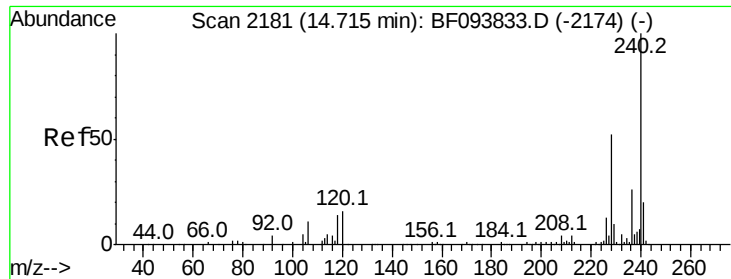
mohammad
4/7/2017 5:21:02 PM



#74
Fluoranthene
Concen: 45.07 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:202 Resp: 1481466
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.5 0.0 38.1





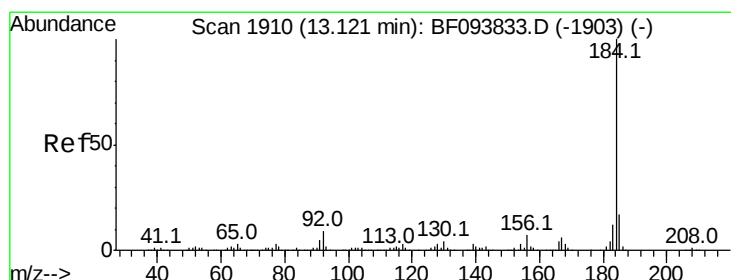
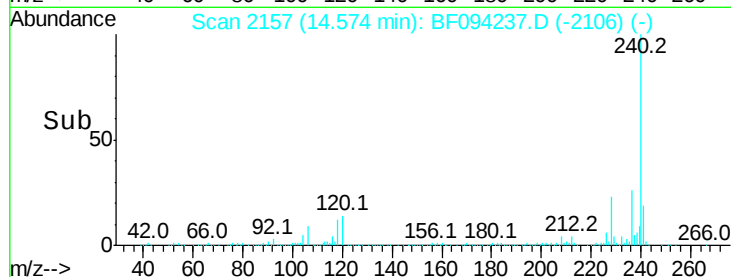
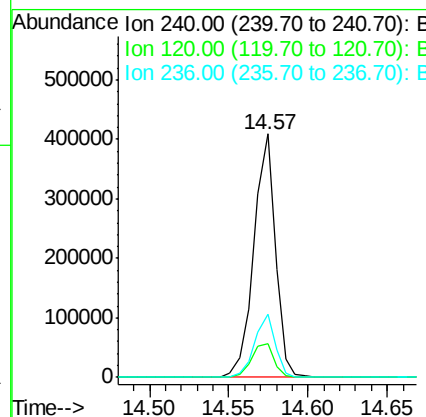
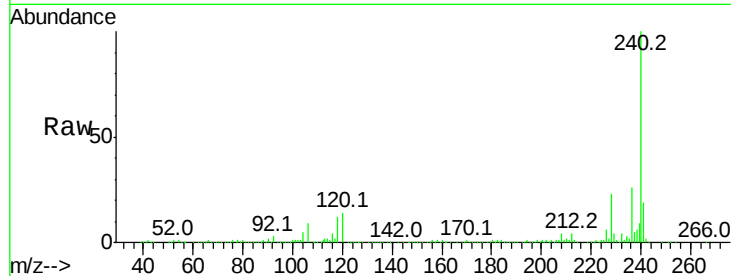
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.7	20.5	30.7

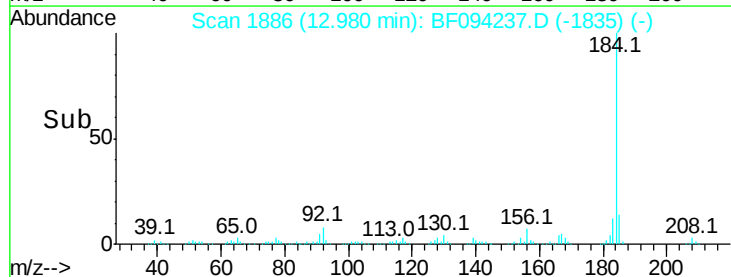
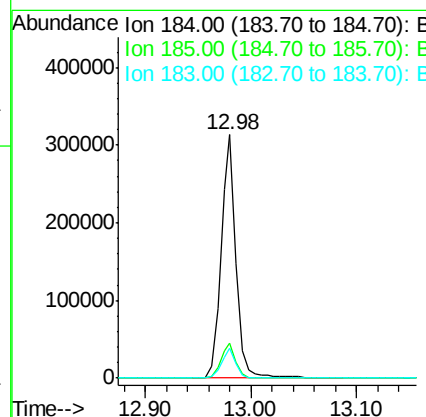
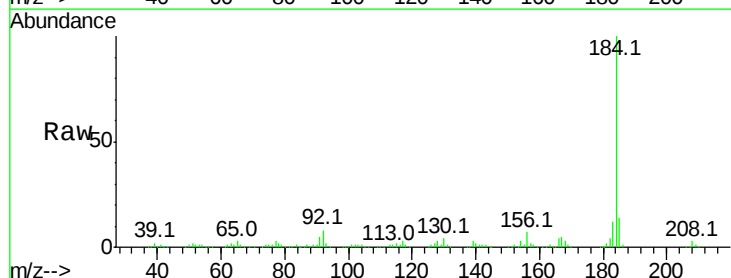
Manual Integrations
 APPROVED

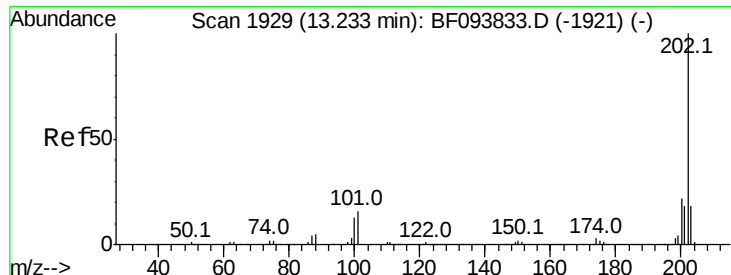
mohammad
 4/7/2017 5:21:02 PM



#76
 Benzidine
 Concen: 20.35 ng
 RT: 12.98 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.1	9.8	14.6





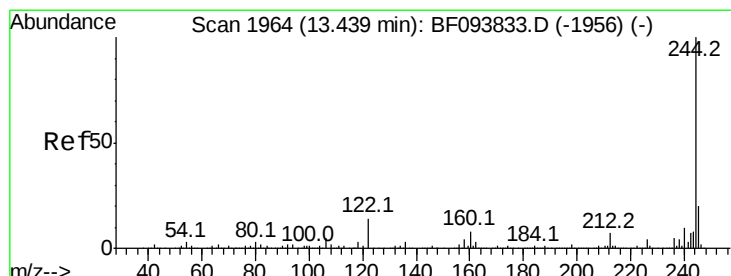
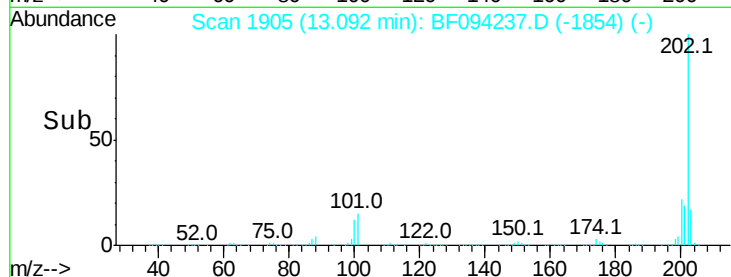
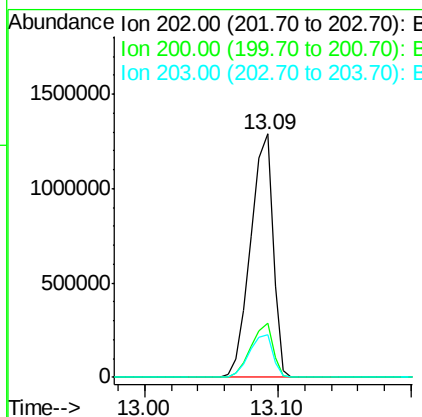
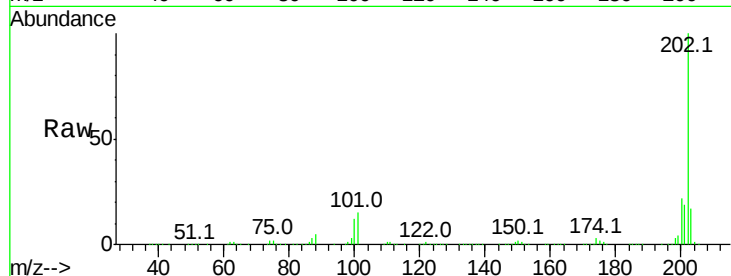
#77
Pvrene
Concen: 52.70 ng
RT: 13.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.4	14.4	21.6

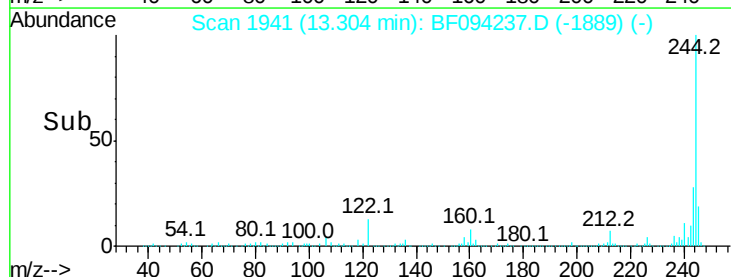
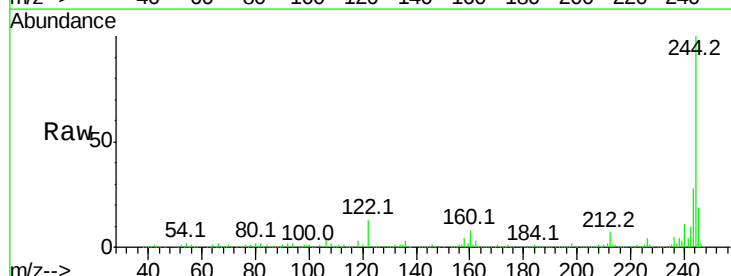
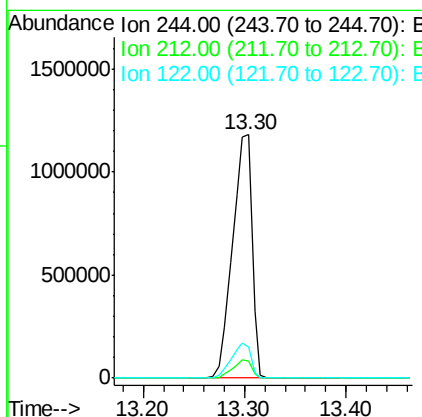
Manual Integrations
APPROVED

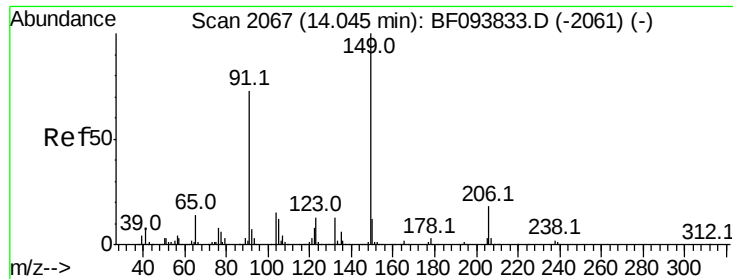
mohammad
4/7/2017 5:21:02 PM



#78
Terphenyl-d14
Concen: 91.33 ng
RT: 13.30 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.6	10.3	15.5





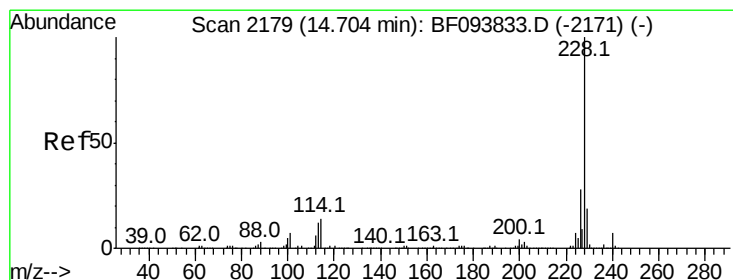
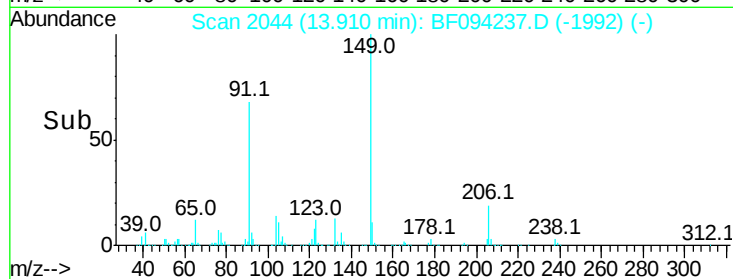
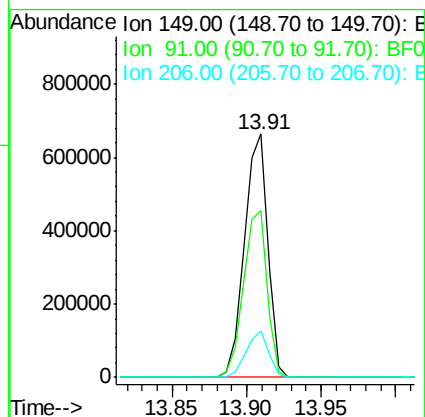
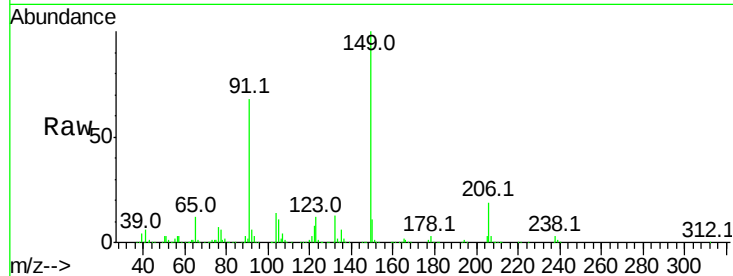
#79
Butylbenzylphthalate
Concen: 59.98 ng
RT: 13.91 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	45.0	67.4#
206	19.2	17.0	25.6

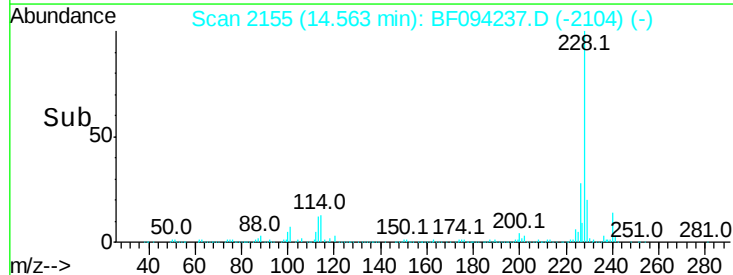
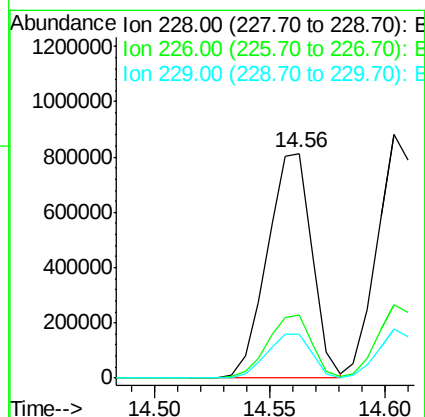
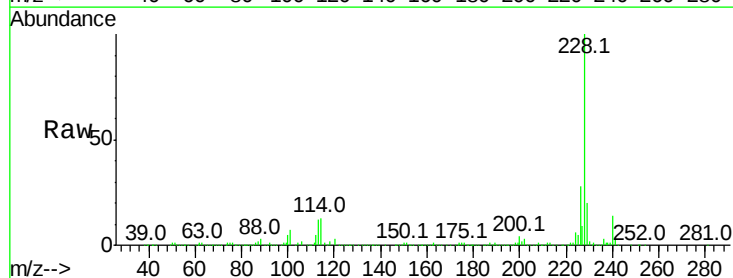
Manual Integrations
APPROVED

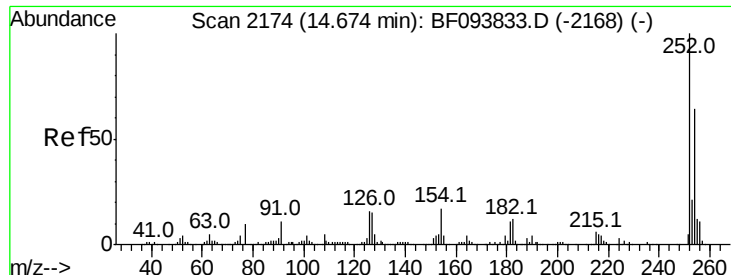
mohammad
4/7/2017 5:21:02 PM



#80
Benzo(a)anthracene
Concen: 48.23 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.5	16.3	24.5





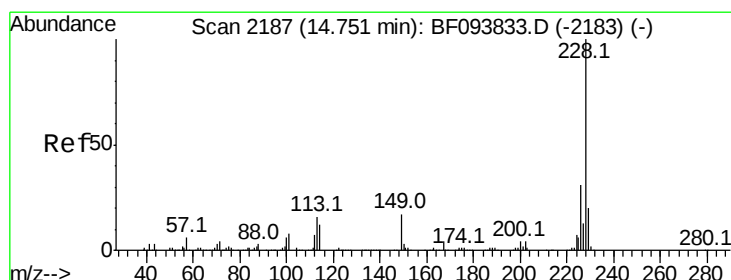
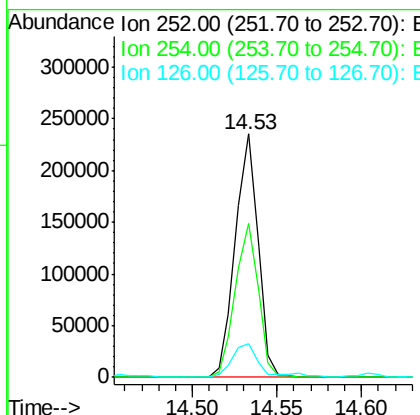
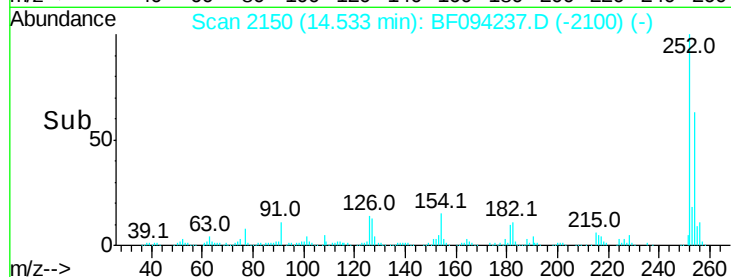
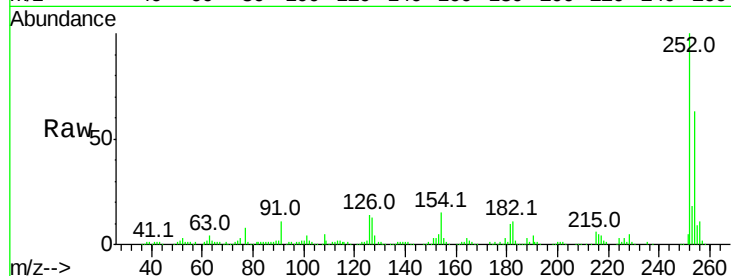
#81
 3,3'-Dichlorobenzidine
 Concen: 27.45 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.2	51.5	77.3
126	14.1	15.8	23.8

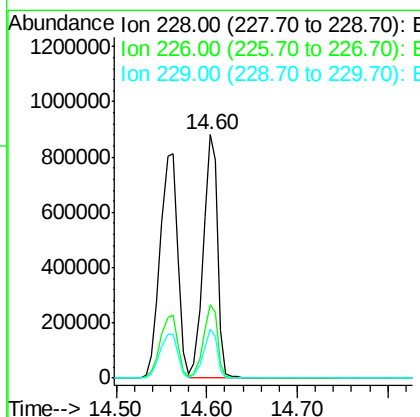
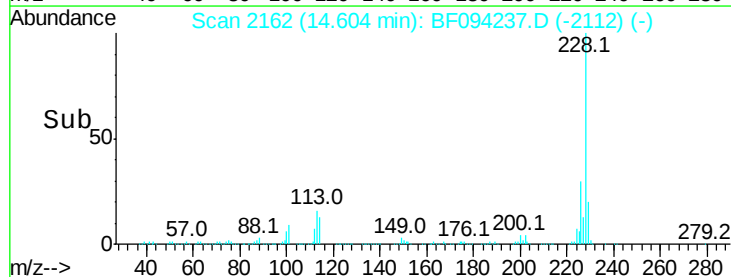
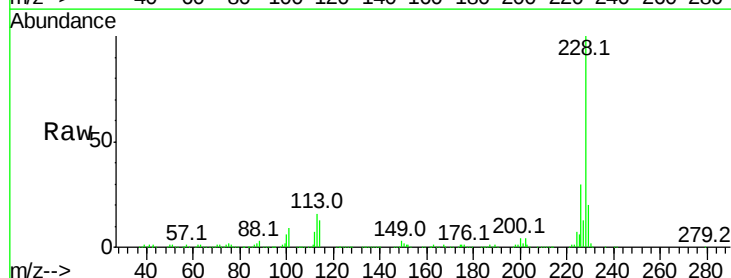
Manual Integrations
 APPROVED

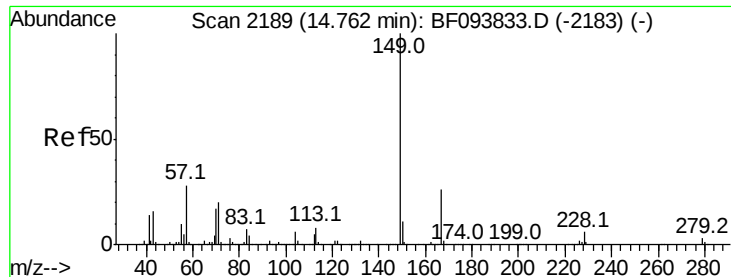
mohammad
 4/7/2017 5:21:02 PM



#82
 Chrysene
 Concen: 46.52 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.1	15.8	23.6





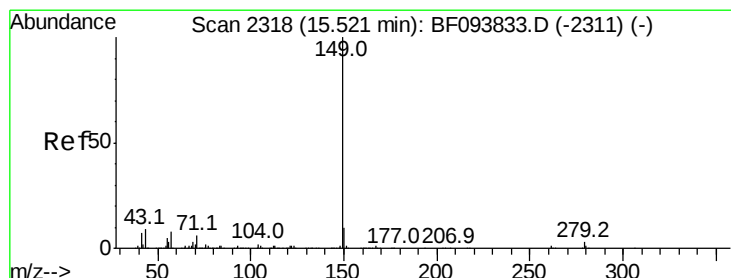
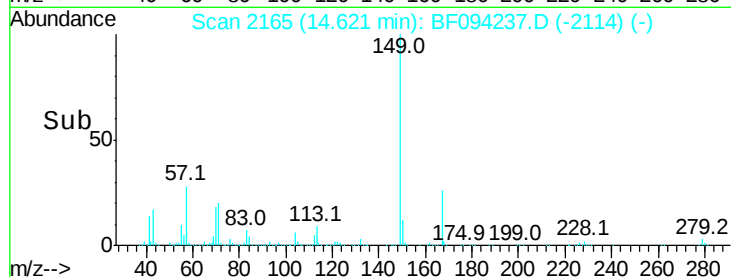
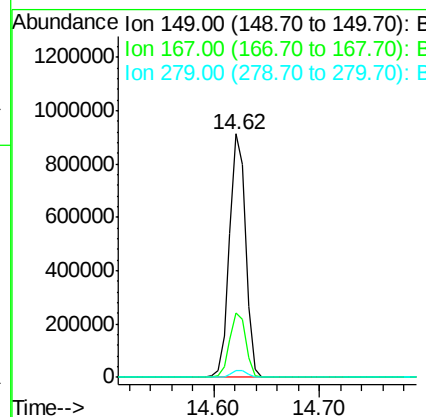
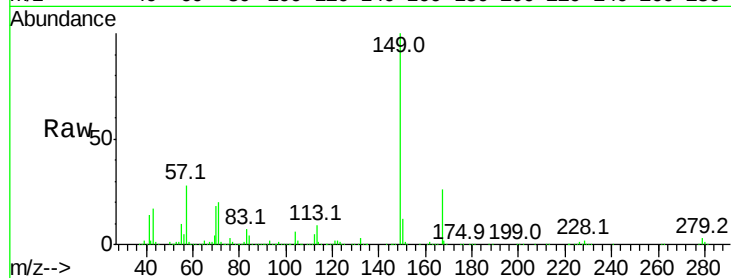
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.30 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.0	1.9	2.9#

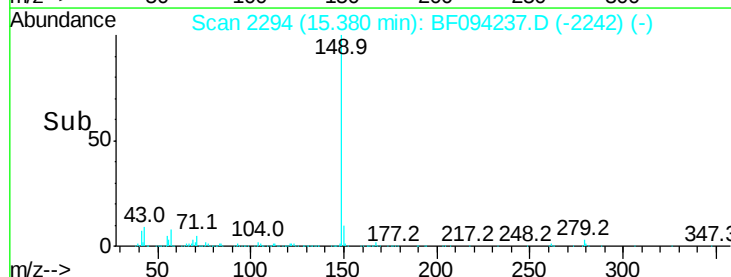
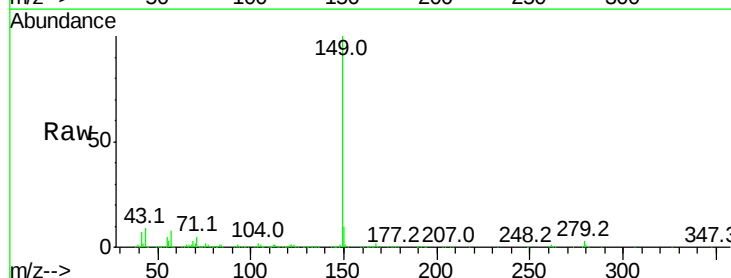
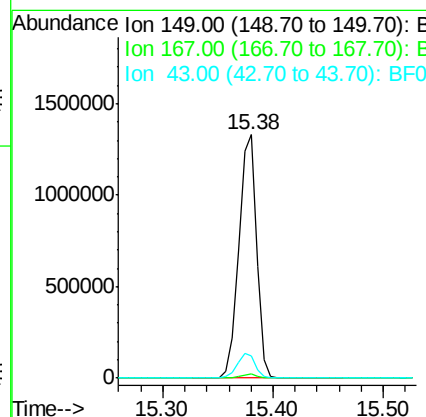
Manual Integrations
 APPROVED

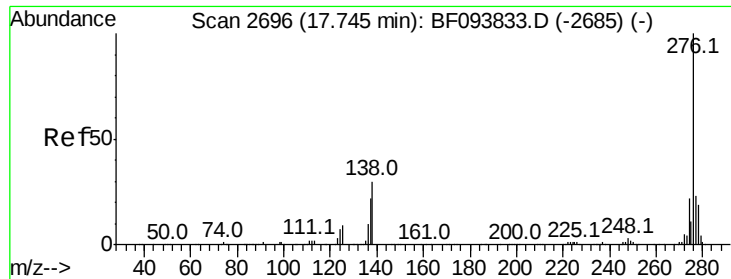
mohammad
 4/7/2017 5:21:02 PM



#84
 Di-n-octyl phthalate
 Concen: 55.26 ng
 RT: 15.38 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	8.5	12.7





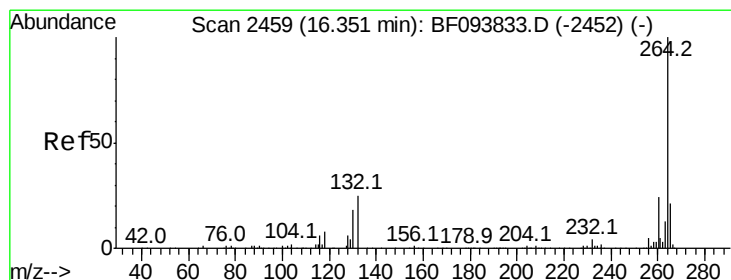
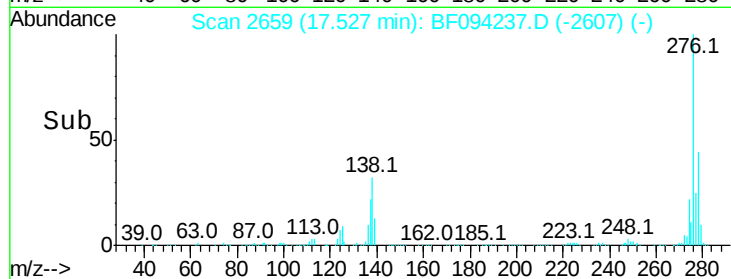
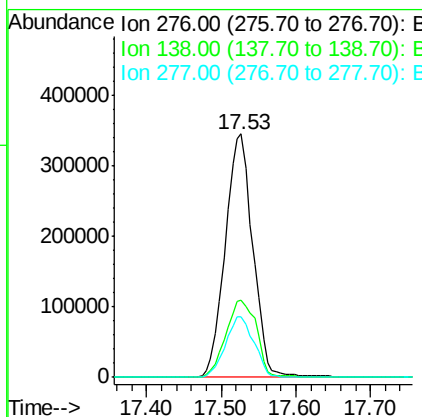
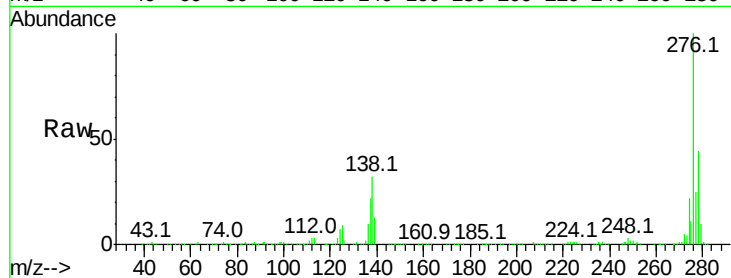
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.97 ng
 RT: 17.53 min Scan# 2659
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.6	20.2	30.4

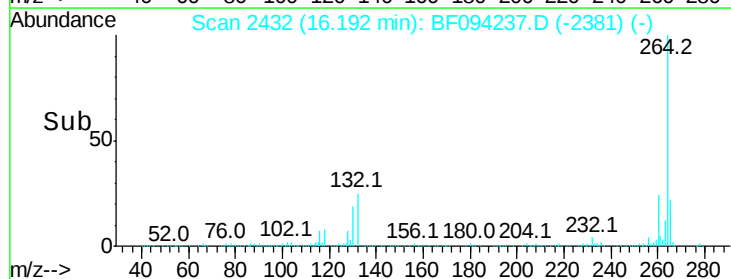
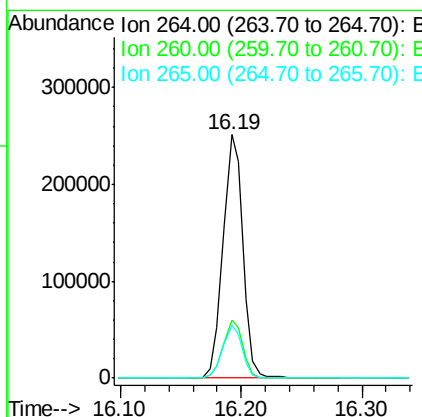
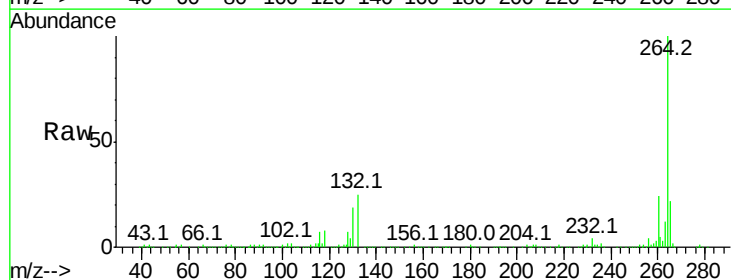
Manual Integrations
 APPROVED

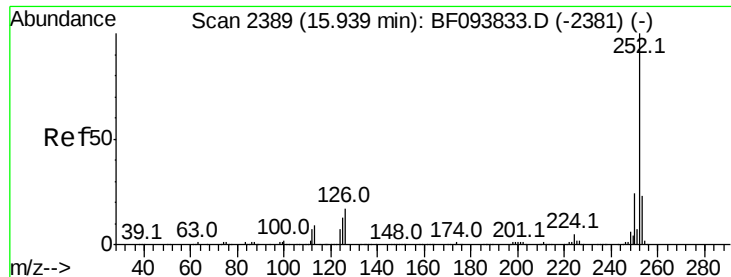
mohammad
 4/7/2017 5:21:02 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 50.47 ng

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

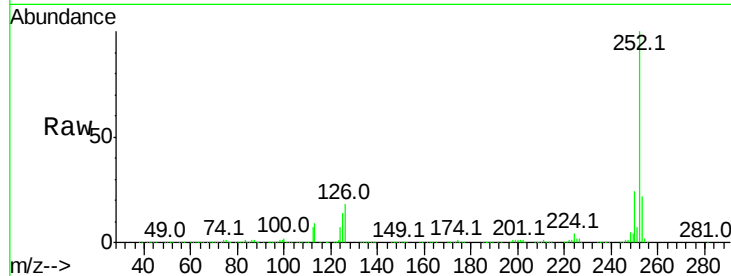
Instrument :
BNA_F

ClientSampleId :
GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8

Manual Integrations
APPROVED

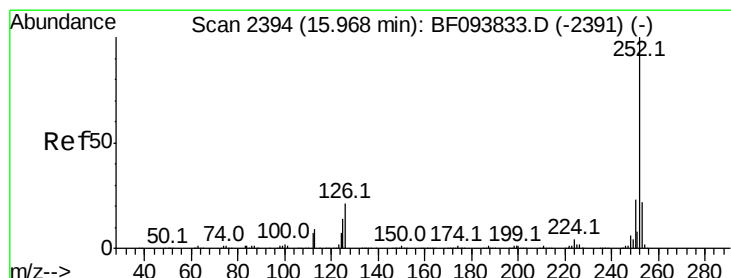
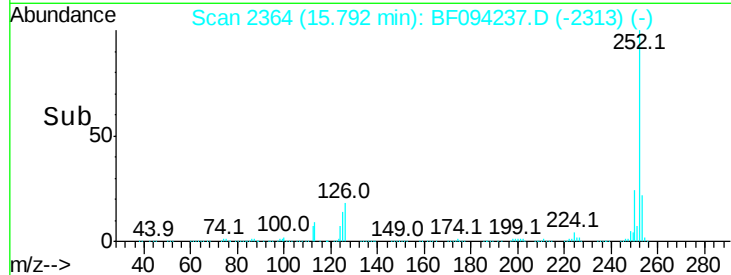
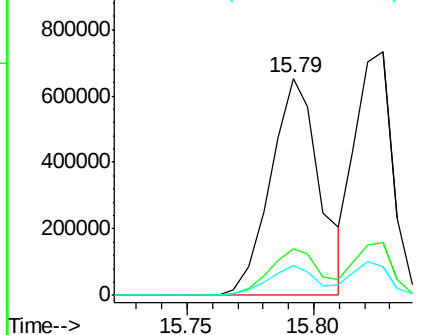
mohammad
4/7/2017 5:21:02 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.57 ng m

RT: 15.83 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BF094237.D

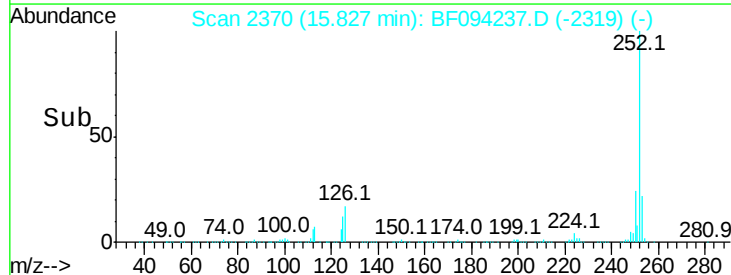
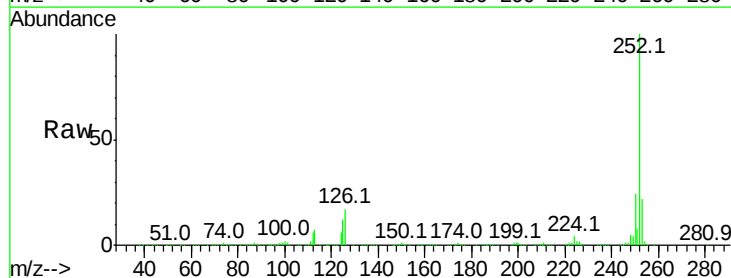
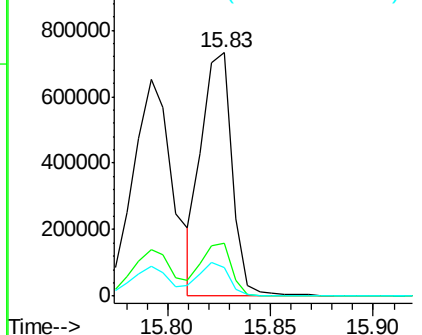
Acq: 6 Apr 2017 19:22

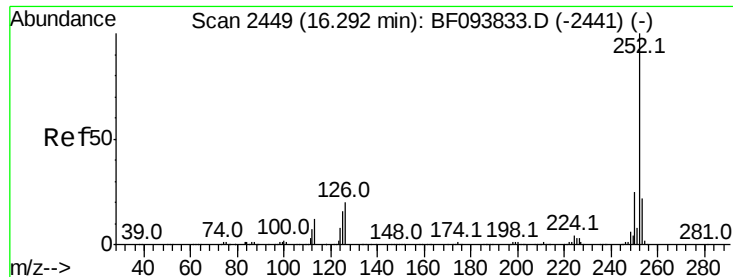
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.8	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





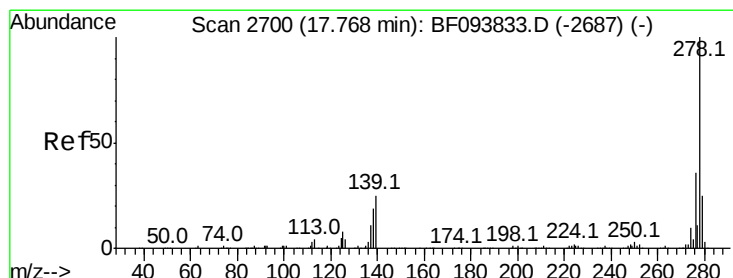
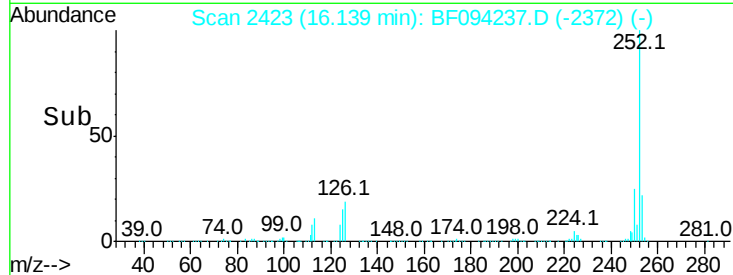
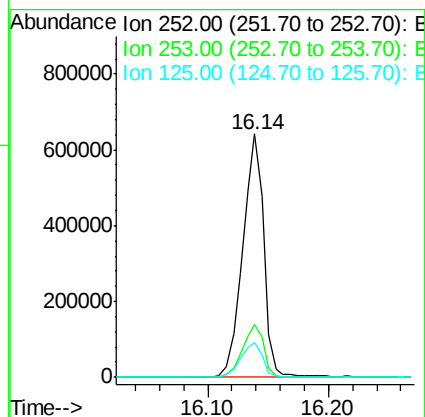
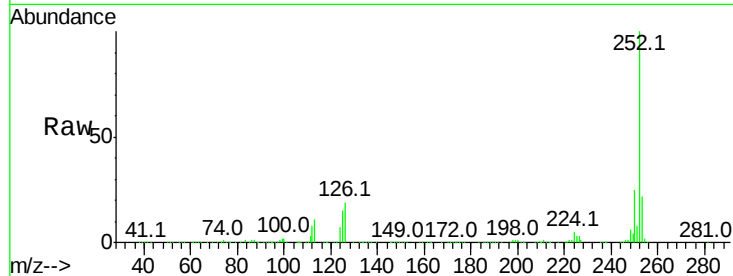
#89
Benzo(a)pyrene
Concen: 48.12 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:	252	Resp:	776981
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	14.6	11.0	16.4

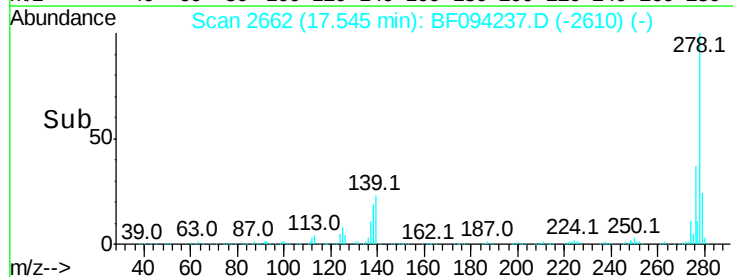
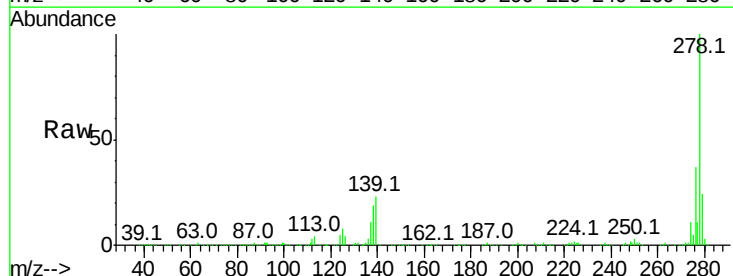
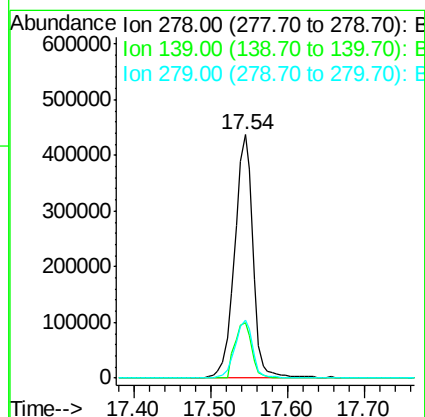
Manual Integrations
APPROVED

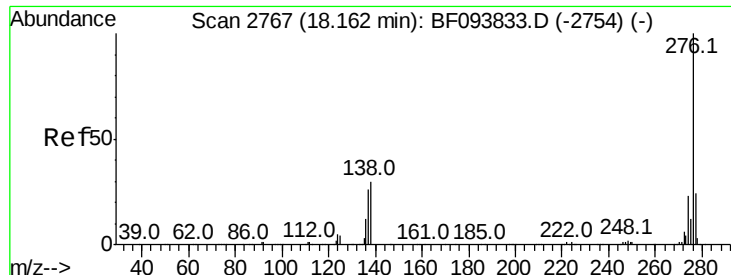
mohammad
4/7/2017 5:21:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.54 ng
RT: 17.54 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:	278	Resp:	732144
Ion Ratio	Lower	Upper	
278	100		
139	23.0	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 55.26 ng
 RT: 17.92 min Scan# 2725
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	30.6	25.4	38.0

Manual Integrations
 APPROVED

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 4/7/2017 5:21:02 PM

