

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092454.D
 Acq On : 25 Jan 2017 2:52
 Operator : UM/SJ
 Sample : I1379-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITMSD

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:50:20 PM

Quant Time: Jan 25 05:35:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160028	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	652093	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	357638	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	539674	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	343094	20.00	ng	-0.01
86) Perylene-d12	15.63	264	326390	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1522923	148.06	ng	0.03
7) Phenol-d6	6.60	99	1806471	137.88	ng	0.01
23) Nitrobenzene-d5	7.54	82	1201056	100.61	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	362218	148.62	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2022027	104.55	ng	0.00
78) Terphenyl-d14	13.11	244	1352626	104.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	245167	44.82	ng	# 83
3) Pyridine	3.52	79	532181	34.17	ng	# 83
4) n-Nitrosodimethylamine	3.46	42	357228	46.76	ng	80
6) Aniline	6.62	93	169596	8.68	ng	# 49
8) 2-Chlorophenol	6.75	128	530184	49.07	ng	86
9) Benzaldehyde	6.51	77	308504	33.18	ng	86
10) Phenol	6.61	94	709469	44.86	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	534956	45.21	ng	89
12) 1,3-Dichlorobenzene	6.91	146	611754	47.88	ng	# 93
13) 1,4-Dichlorobenzene	6.99	146	641830	49.91	ng	97
14) 1,2-Dichlorobenzene	7.14	146	549549	45.05	ng	97
15) Benzyl Alcohol	7.12	79	556118	56.32	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1084465	46.34	ng	92
17) 2-Methylphenol	7.22	107	490579	53.14	ng	96
18) Hexachloroethane	7.49	117	215802	48.71	ng	# 87
19) n-Nitroso-di-n-propylamine	7.39	70	410066	45.96	ng	92
20) 3+4-Methylphenols	7.38	107	558535	49.87	ng	94
22) Acetophenone	7.39	105	807176	51.97	ng	# 92
24) Nitrobenzene	7.56	77	689578	55.14	ng	# 88
25) Isophorone	7.80	82	1217123	51.74	ng	98
26) 2-Nitrophenol	7.87	139	288905	55.13	ng	90
27) 2,4-Dimethylphenol	7.92	122	561325	51.50	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	716701	46.41	ng	99
29) 2,4-Dichlorophenol	8.12	162	494218	52.30	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	487010	47.68	ng	95
31) Naphthalene	8.28	128	1542104	46.21	ng	99
32) Benzoic acid	8.01	122	179675m	24.59	ng	
33) 4-Chloroaniline	8.33	127	91730m	6.50	ng	
34) Hexachlorobutadiene	8.41	225	275571	49.33	ng	99
35) Caprolactam	8.70	113	137875m	43.69	ng	
36) 4-Chloro-3-methylphenol	8.82	107	527410	51.76	ng	95
37) 2-Methylnaphthalene	8.98	142	1025950	48.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	494130	54.77	ng	99
40) Hexachlorocyclopentadiene	9.14	237	310655	68.76	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092454.D
 Acq On : 25 Jan 2017 2:52
 Operator : UM/SJ
 Sample : I1379-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITMSD

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:50:20 PM

Quant Time: Jan 25 05:35:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	360621	52.17	nq	96
43) 2,4,5-Trichlorophenol	9.30	196	317902	50.27	nq	93
45) 1,1'-Biphenyl	9.45	154	1195945	46.26	nq	96
46) 2-Chloronaphthalene	9.47	162	974689	46.16	nq	94
47) 2-Nitroaniline	9.56	65	345992	48.66	nq	89
48) Acenaphthylene	9.89	152	1535484	49.58	nq	99
49) Dimethylphthalate	9.76	163	1187550	52.22	nq	99
50) 2,6-Dinitrotoluene	9.81	165	266567	57.34	nq	# 90
51) Acenaphthene	10.06	154	882507	45.86	nq	98
52) 3-Nitroaniline	9.97	138	71806	12.33	nq	99
53) 2,4-Dinitrophenol	10.08	184	50305	28.51	nq	# 1
54) Dibenzofuran	10.24	168	1283955	49.13	nq	97
55) 4-Nitrophenol	10.13	139	395212	85.48	nq	94
56) 2,4-Dinitrotoluene	10.21	165	328839	53.29	nq	90
57) Fluorene	10.58	166	891902	46.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	246340	51.99	nq	98
59) Diethylphthalate	10.45	149	1117150	51.23	nq	100
60) 4-Chlorophenyl-phenylether	10.58	204	473060	50.34	nq	# 77
61) 4-Nitroaniline	10.60	138	266934	45.84	nq	91
62) Azobenzene	10.74	77	1357993	54.72	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	61457	23.90	nq	# 76
65) n-Nitrosodiphenylamine	10.69	169	871368	51.70	nq	100
66) 4-Bromophenyl-phenylether	11.07	248	294998	54.14	nq	# 83
67) Hexachlorobenzene	11.13	284	256399	46.55	nq	# 78
68) Atrazine	11.22	200	293472	50.87	nq	98
69) Pentachlorophenol	11.32	266	261378	74.22	nq	98
70) Phenanthrene	11.55	178	1547825	52.08	nq	98
71) Anthracene	11.60	178	1384174	47.66	nq	99
72) Carbazole	11.76	167	1429039	51.53	nq	97
73) Di-n-butylphthalate	12.09	149	1737207	54.78	nq	# 97
74) Fluoranthene	12.73	202	1322260	45.49	nq	97
76) Benzidine	12.85	184	214831	16.87	nq	96
77) Pyrene	12.97	202	1311244	52.75	nq	98
79) Butylbenzylphthalate	13.59	149	671422	66.67	nq	84
80) Benzo(a)anthracene	14.15	228	887401	48.13	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	75965	10.85	nq	# 95
82) Chrysene	14.18	228	871334	44.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	780347	61.52	nq	# 96
84) Di-n-octyl phthalate	14.75	149	1364398	59.26	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	980272	67.28	nq	# 94
87) Benzo(b)fluoranthene	15.21	252	1023490	48.85	nq	# 96
88) Benzo(k)fluoranthene	15.23	252	811123m	46.55	nq	
89) Benzo(a)pyrene	15.57	252	906672	51.15	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	833297	58.14	nq	96
91) Benzo(g,h,i)perylene	17.57	276	791111	54.58	nq	# 92

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

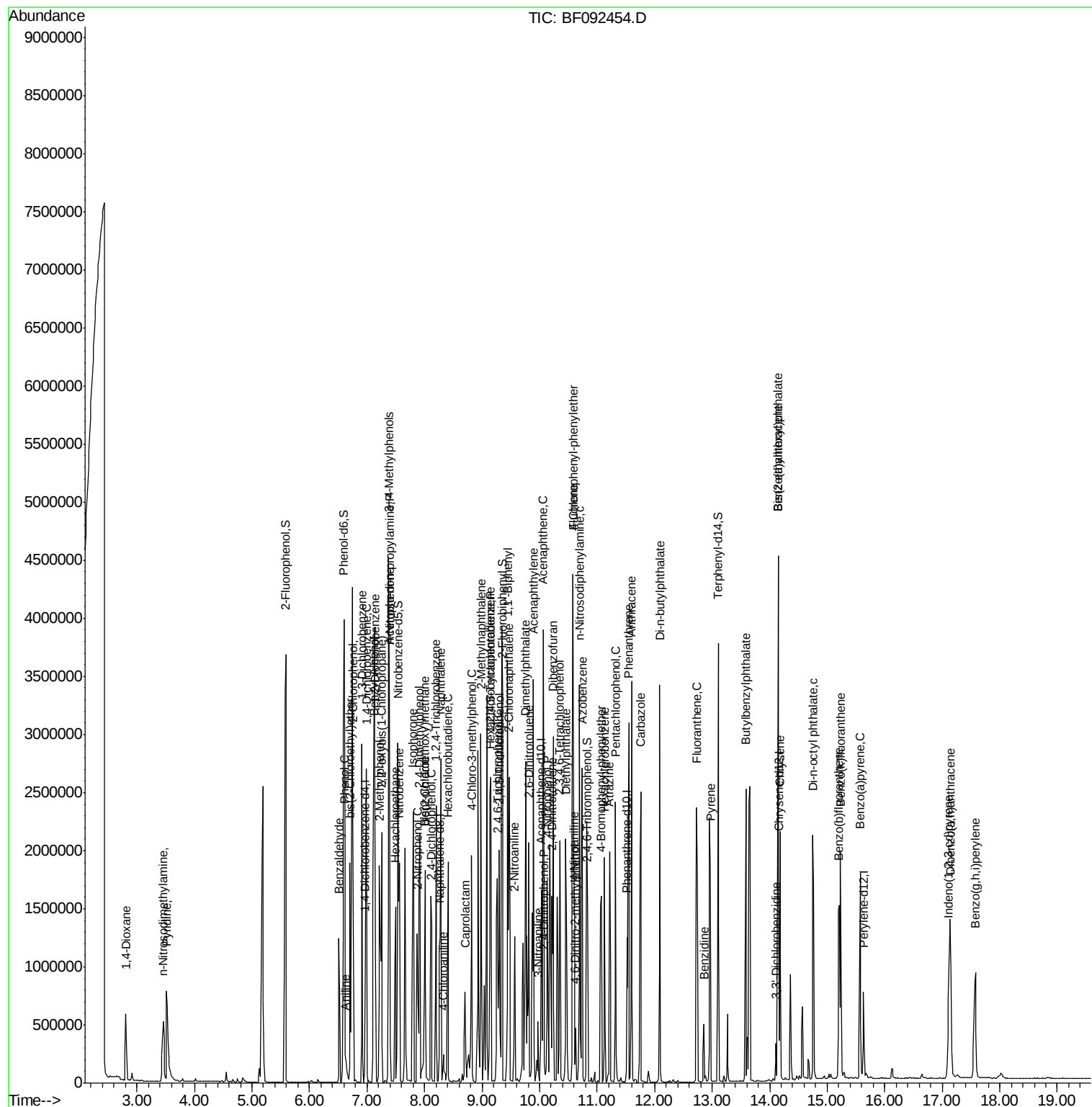
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092454.D
Acq On : 25 Jan 2017 2:52
Operator : UM/SJ
Sample : I1379-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

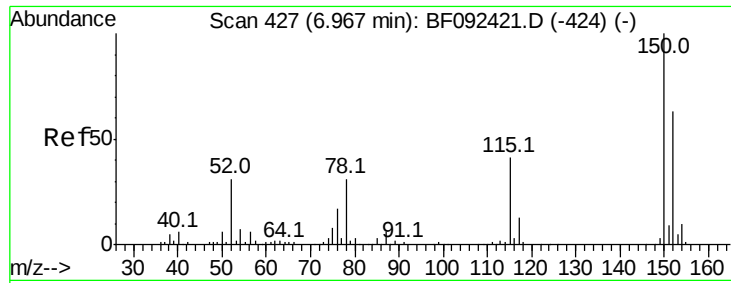
Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM

Quant Time: Jan 25 05:35:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Tot Ion:152 Resp: 160028

Ion Ratio Lower Upper

152 100

150 155.0 124.9 187.3

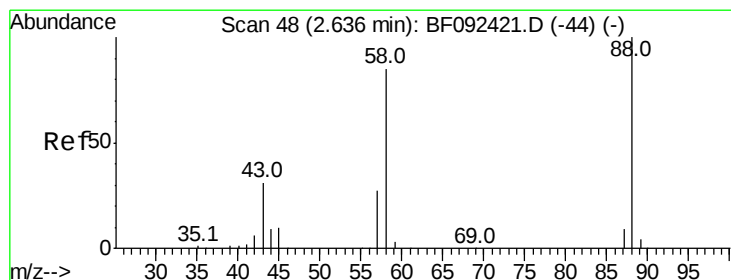
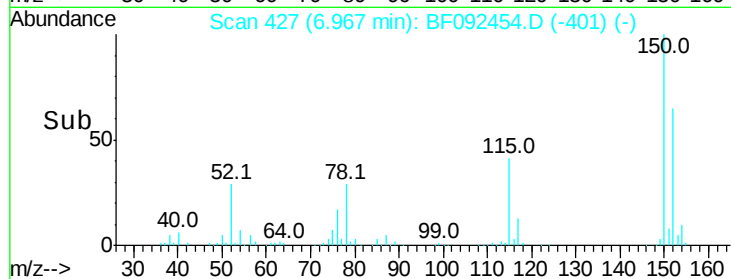
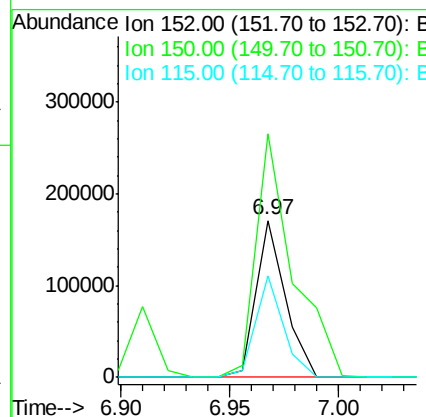
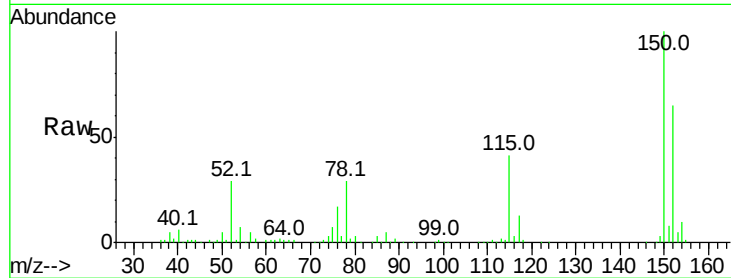
115 64.3 46.0 69.0

Manual Integrations

APPROVED

mohammad

1/25/2017 3:50:20 PM



#2

1,4-Dioxane

Concen: 44.82 ng

RT: 2.81 min Scan# 63

Delta R.T. 0.17 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

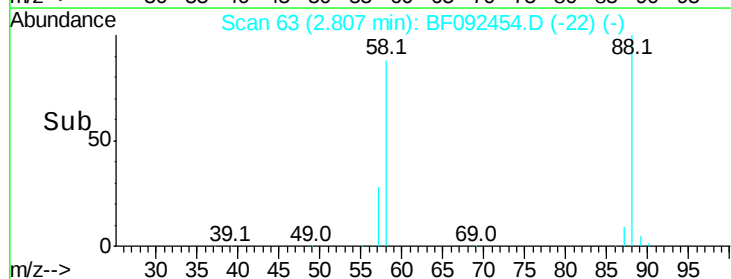
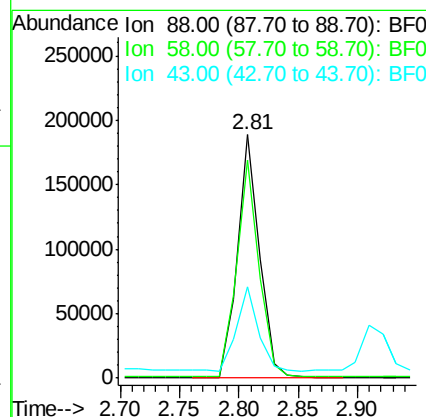
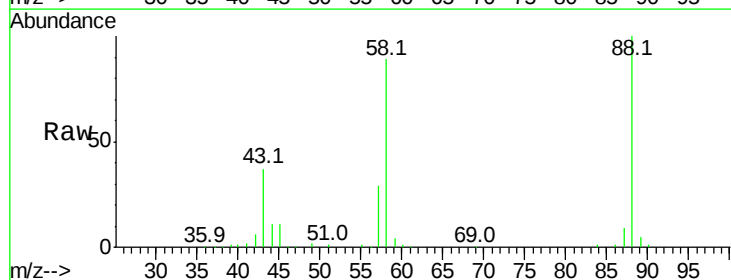
Tgt Ion: 88 Resp: 245167

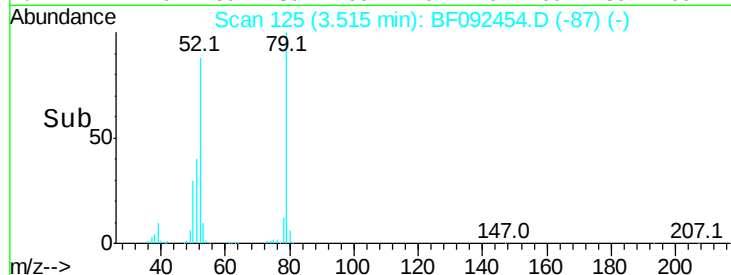
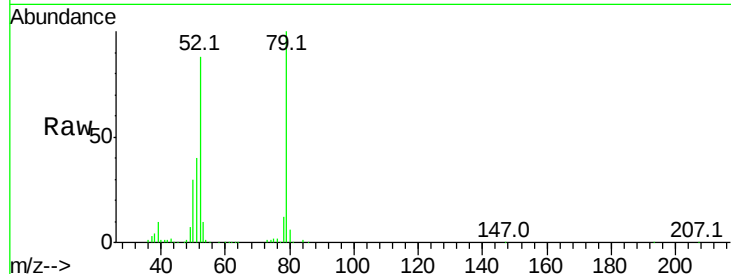
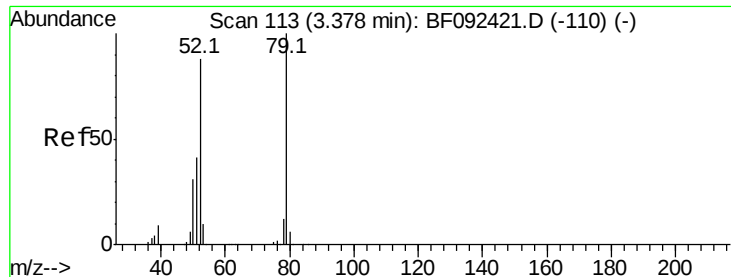
Ion Ratio Lower Upper

88 100

58 89.0 57.8 86.8#

43 33.1 22.3 33.5





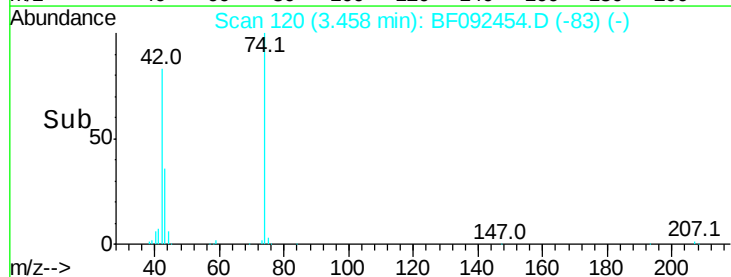
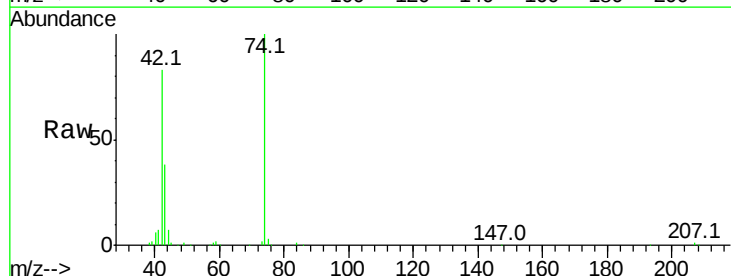
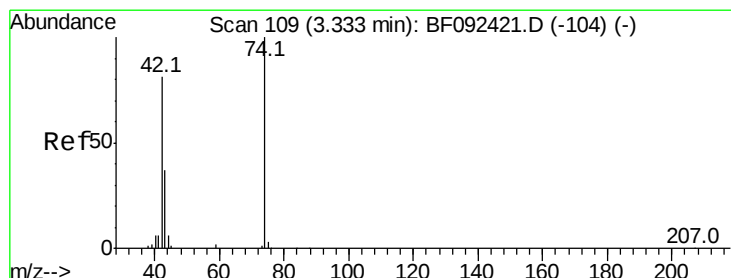
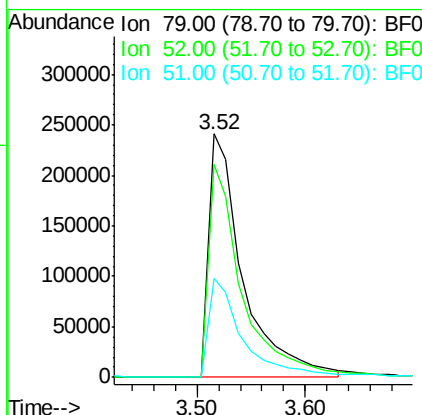
#3
 Pvridine
 Concen: 34.17 ng
 RT: 3.52 min Scan# 125
 Delta R.T. 0.14 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.5	57.1	85.7#
51	40.4	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITEMSD

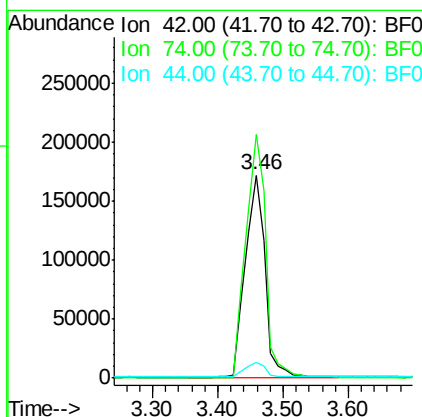
Manual Integrations
 APPROVED

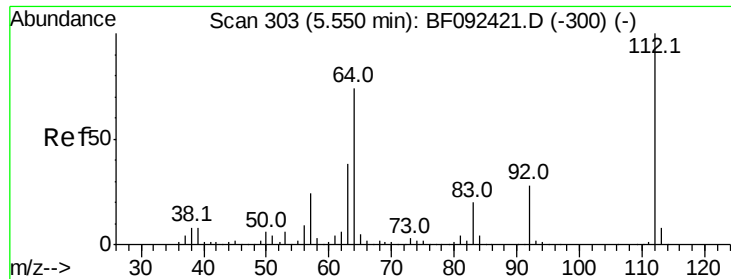
mohammad
 1/25/2017 3:50:20 PM



#4
 n-Nitrosodimethylamine
 Concen: 46.76 ng
 RT: 3.46 min Scan# 120
 Delta R.T. 0.13 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.1	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 148.06 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITMSD

Tot Ion: 112 Resp: 1522923

Ion Ratio Lower Upper

112 100

64 56.9 46.1 69.1

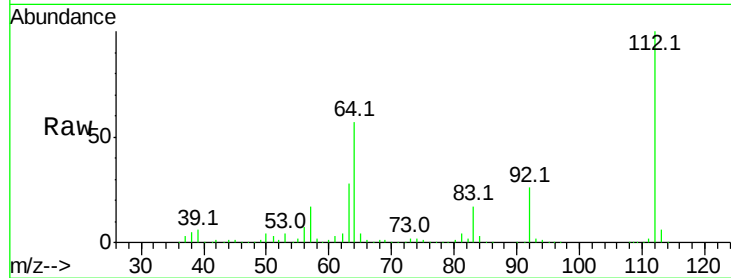
63 28.5 23.8 35.6

Manual Integrations

APPROVED

mohammad

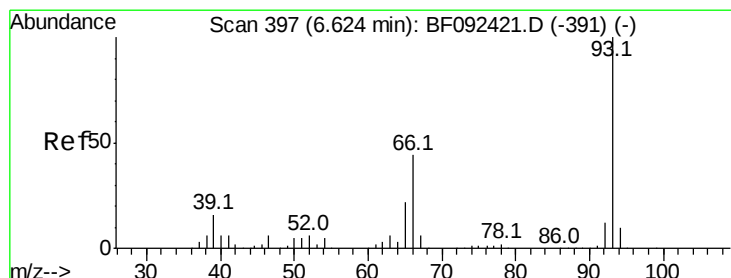
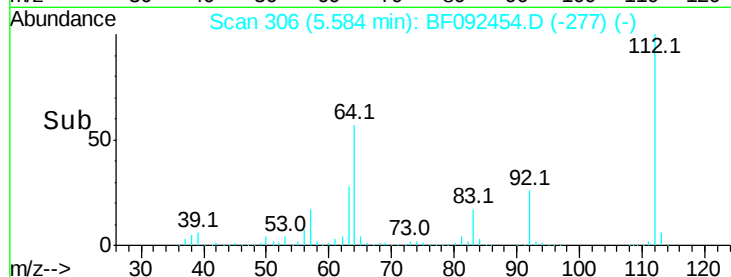
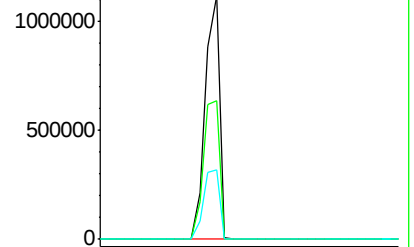
1/25/2017 3:50:20 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.68 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

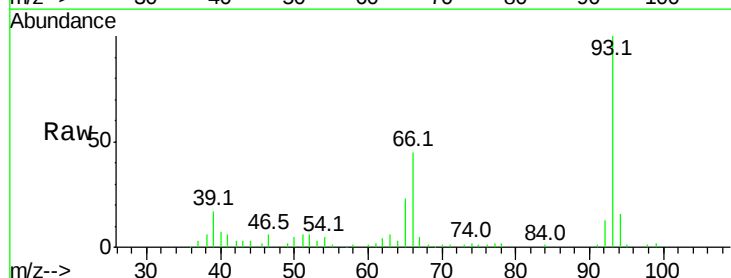
Tgt Ion: 93 Resp: 169596

Ion Ratio Lower Upper

93 100

66 45.0 76.2 114.2#

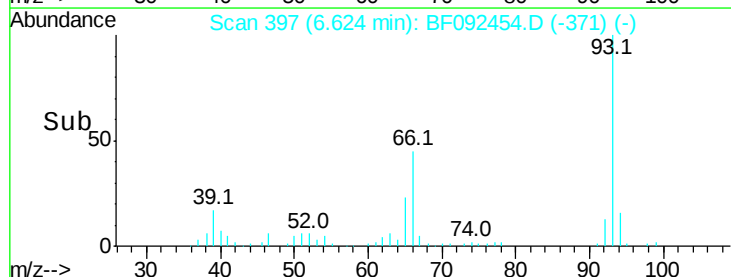
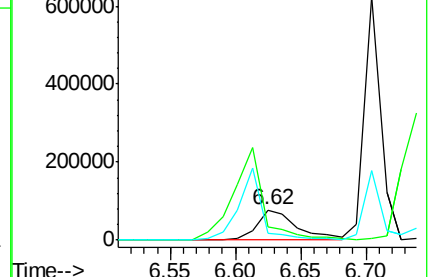
65 23.0 49.3 73.9#

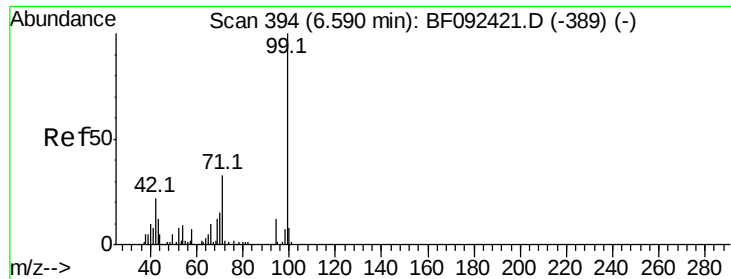


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.88 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITMSD

Tot Ion: 99 Resp: 1806471

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

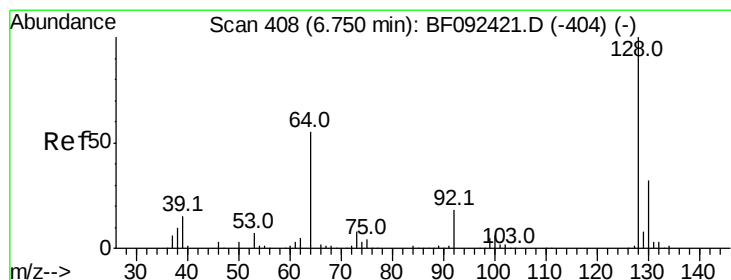
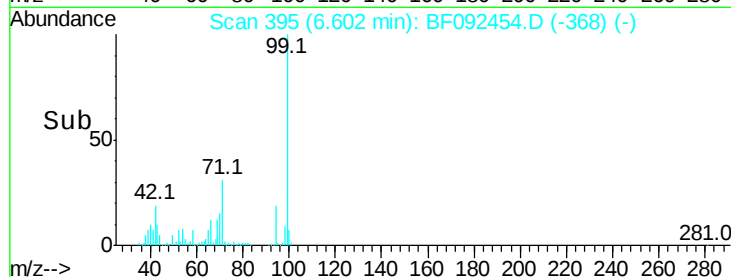
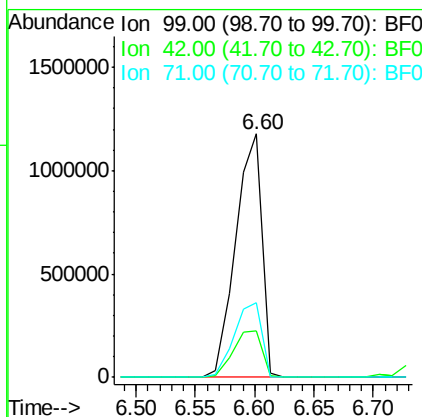
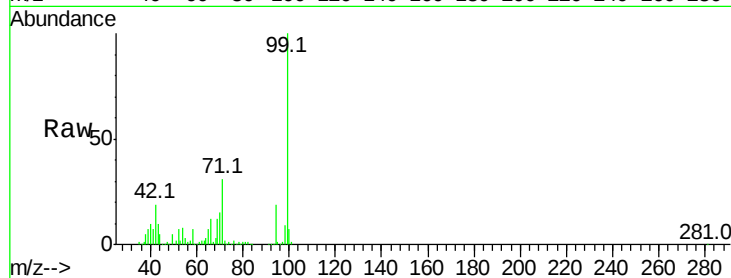
71 30.9 27.5 41.3

Manual Integrations

APPROVED

mohammad

1/25/2017 3:50:20 PM



#8

2-Chlorophenol

Concen: 49.07 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

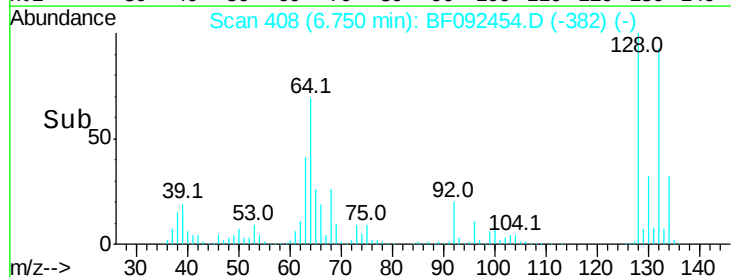
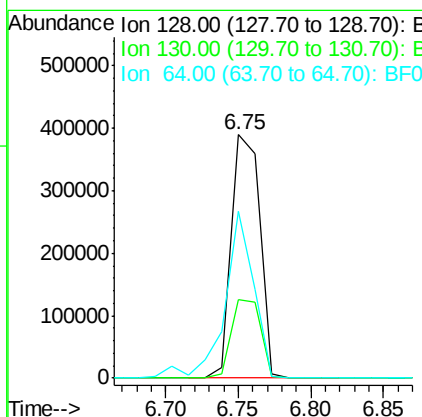
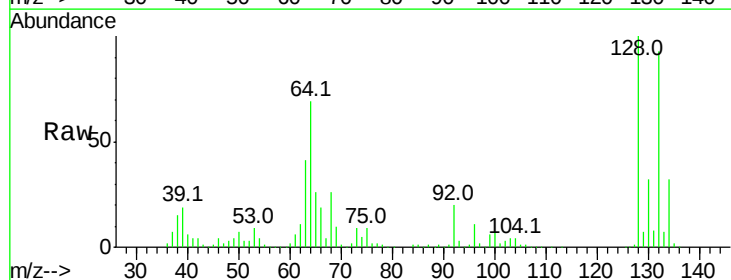
Tgt Ion: 128 Resp: 530184

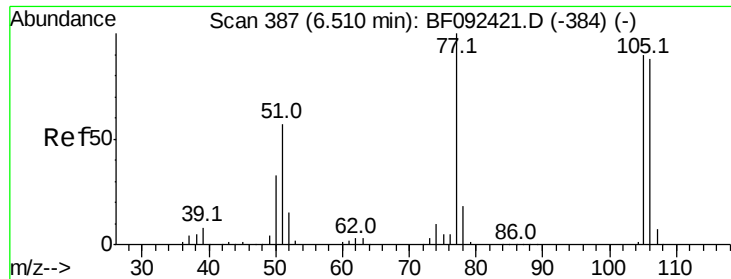
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 68.6 32.2 72.2





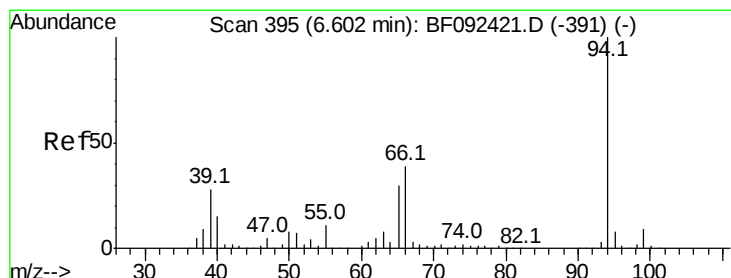
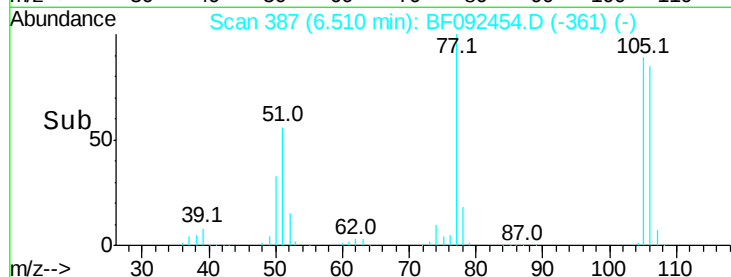
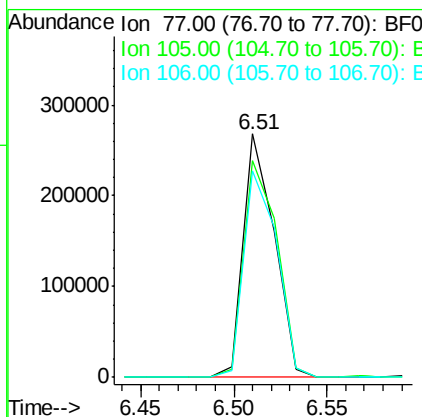
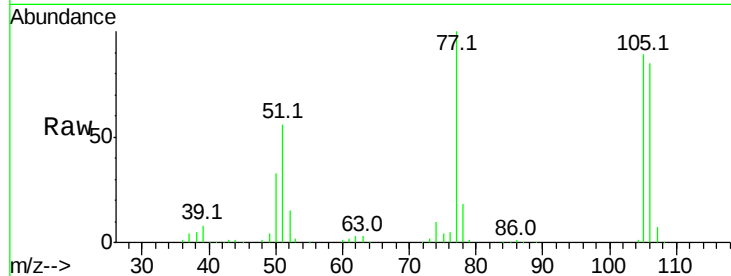
#9
Benzaldehyde
Concen: 33.18 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.0	83.9	123.9
106	84.9	77.6	117.6

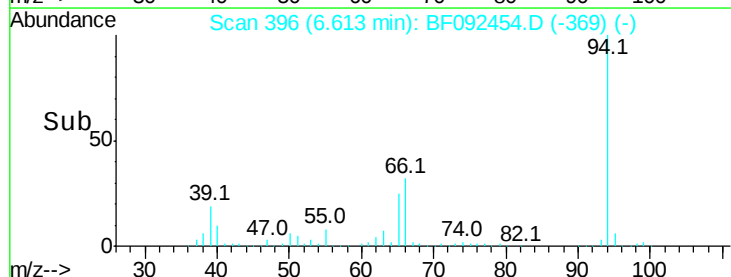
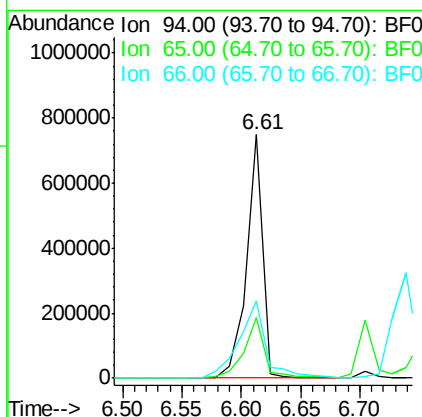
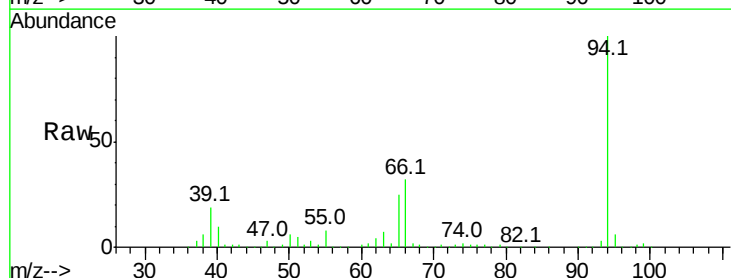
Manual Integrations
APPROVED

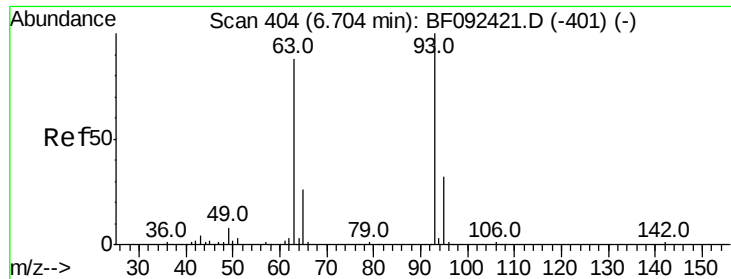
mohammad
1/25/2017 3:50:20 PM



#10
Phenol
Concen: 44.86 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.8	21.4	61.4
66	31.8	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 45.21 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

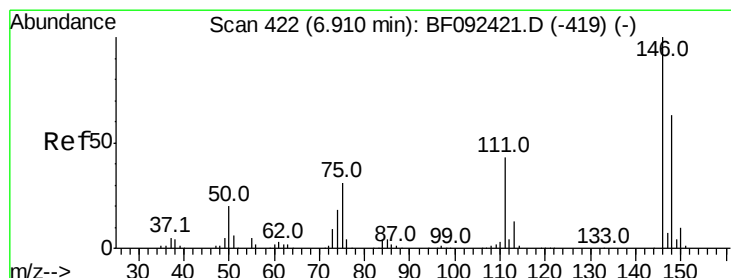
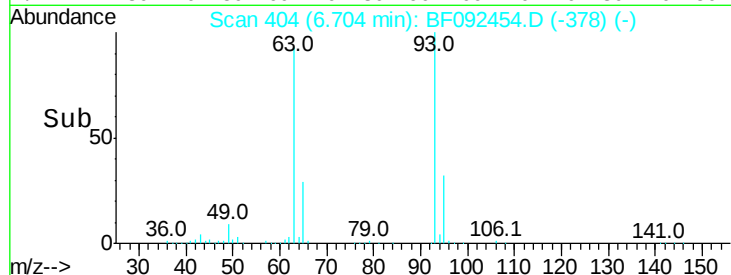
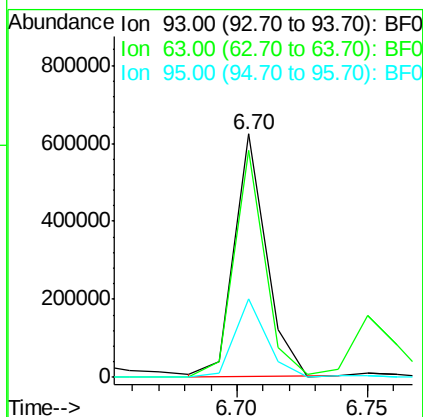
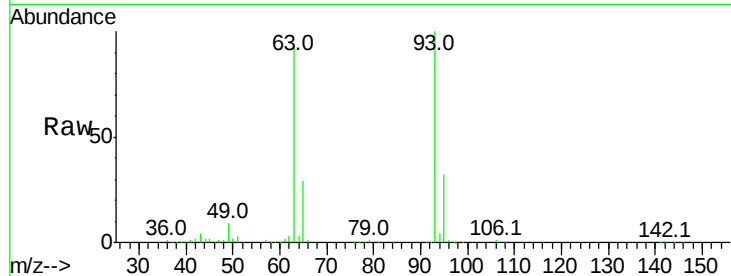
ClientSampleId :

WC-COMPOSITEMSD

Tot Ion:	93	Resp:	534956
Ion Ratio	Lower	Upper	
93	100		
63	93.4	60.4	100.4
95	32.3	12.8	52.8

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#12

1,3-Dichlorobenzene

Concen: 47.88 ng

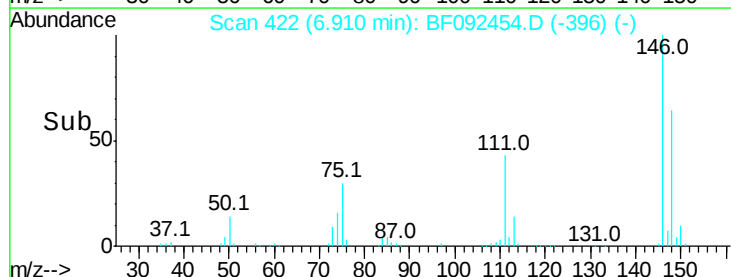
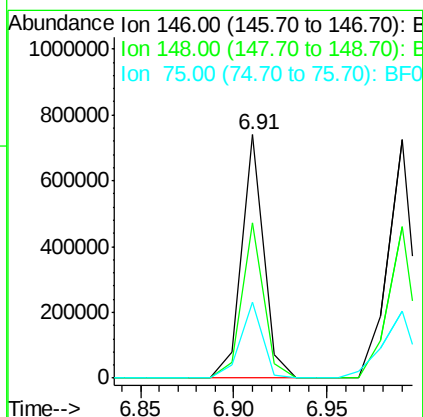
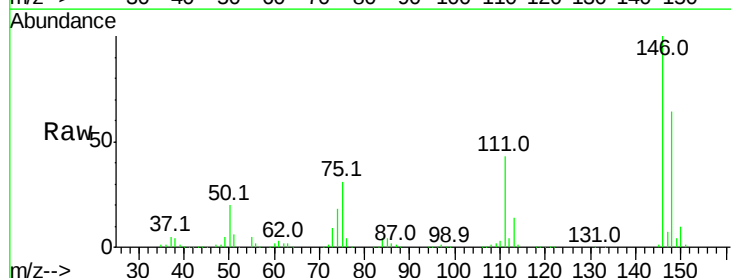
RT: 6.91 min Scan# 422

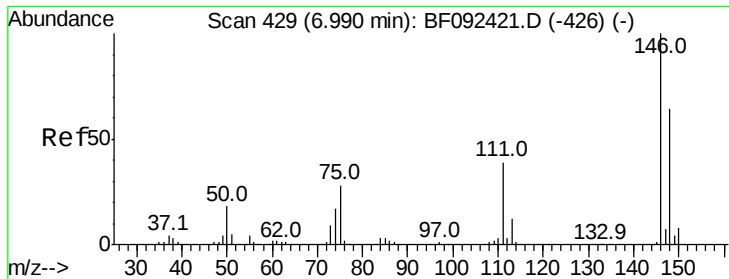
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion:	146	Resp:	611754
Ion Ratio	Lower	Upper	
146	100		
148	63.8	53.4	80.0
75	31.0	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 49.91 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

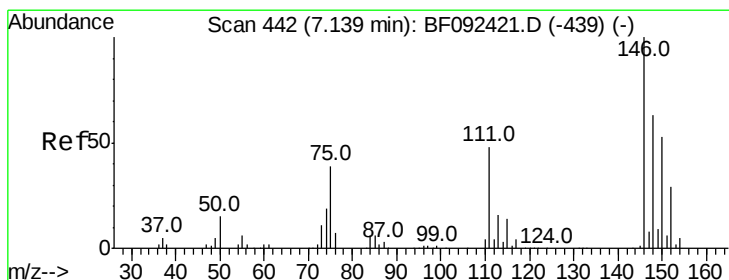
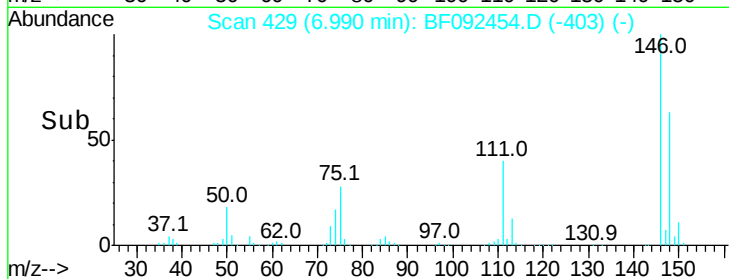
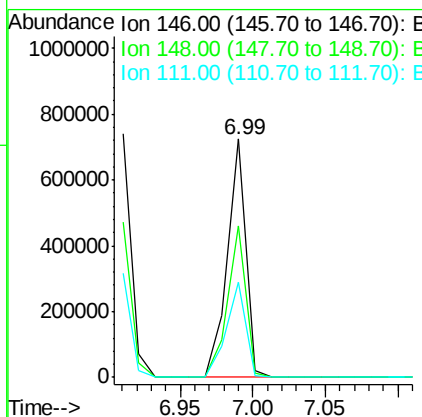
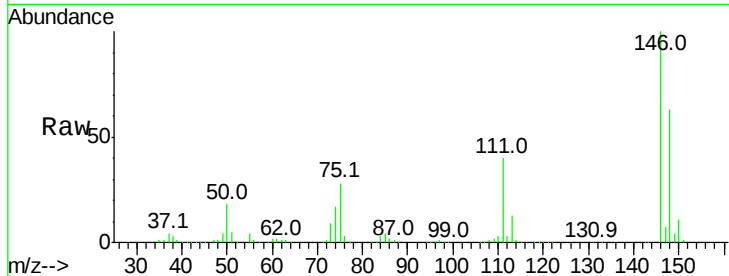
ClientSampleId :

WC-COMPOSITEMSD

Tot Ion:	146	Resp:	641830
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	76.0
111	40.1	36.2	54.4

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#14

1,2-Dichlorobenzene

Concen: 45.05 ng

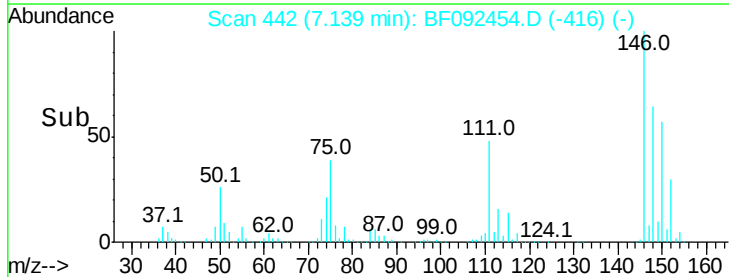
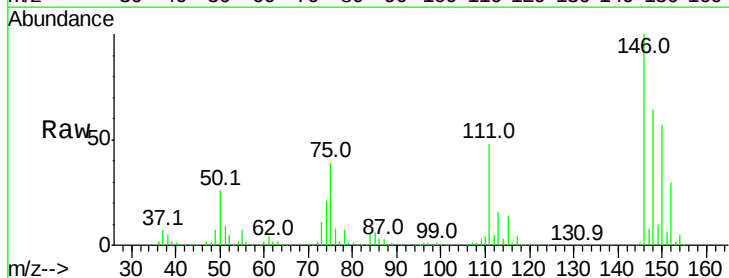
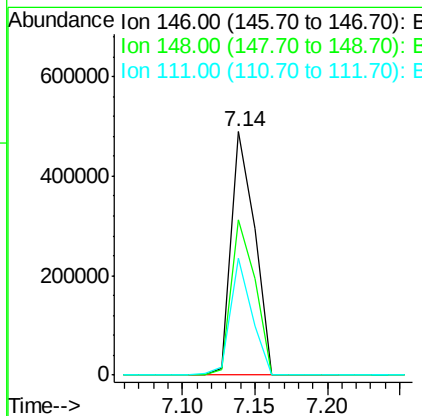
RT: 7.14 min Scan# 442

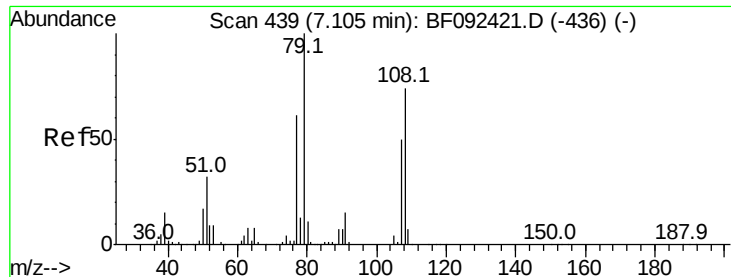
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion:	146	Resp:	549549
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	47.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 56.32 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

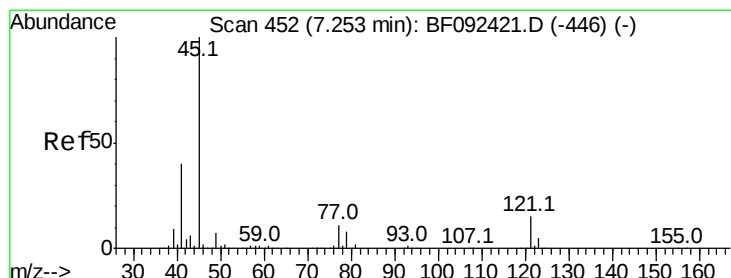
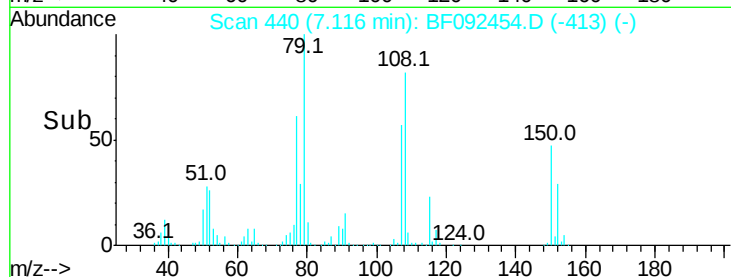
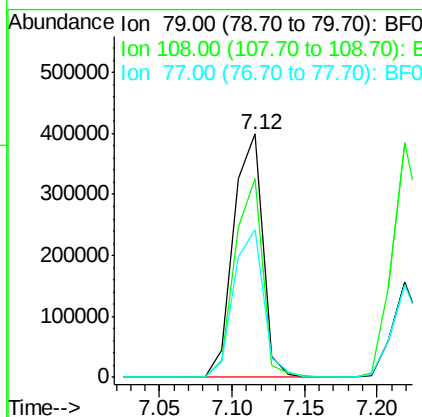
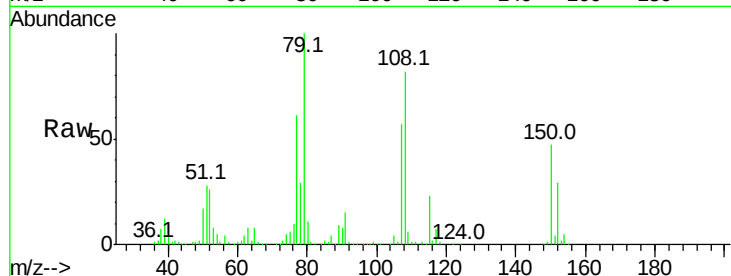
ClientSampleId :

WC-COMPOSITMSD

Tot Ion:	79	Resp:	556118
Ion	Ratio	Lower	Upper
79	100		
108	81.8	61.4	92.0
77	60.8	50.9	76.3

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.34 ng

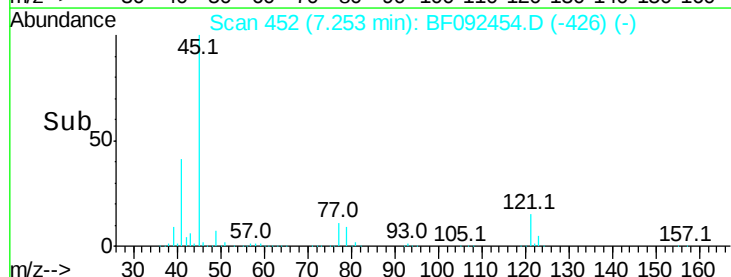
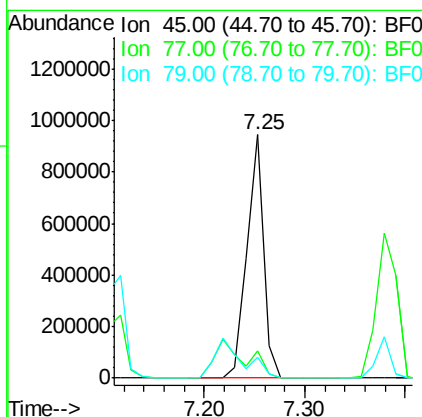
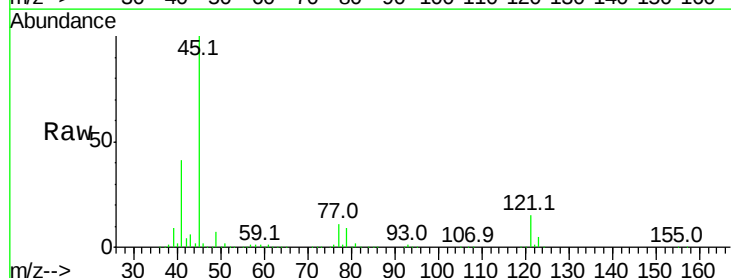
RT: 7.25 min Scan# 452

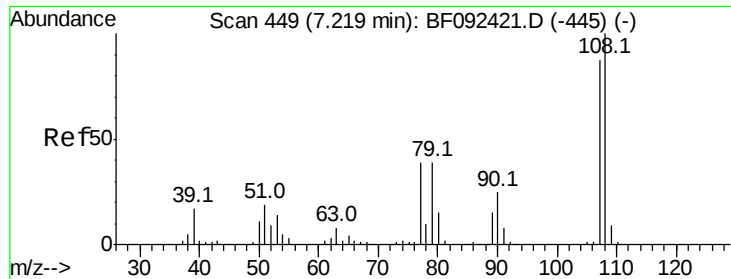
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion:	45	Resp:	1084465
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	34.6
79	8.6	0.0	31.2





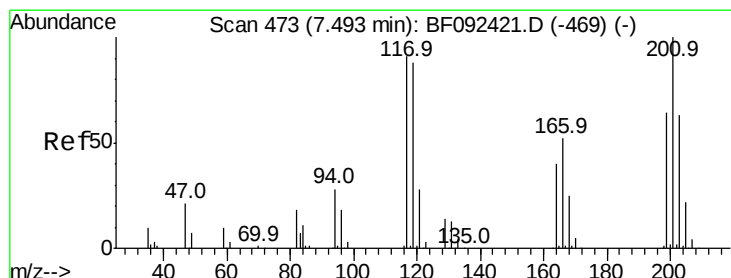
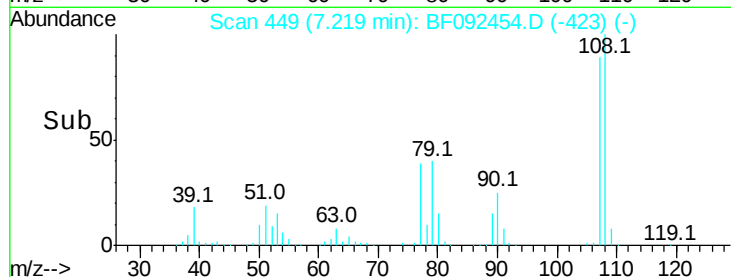
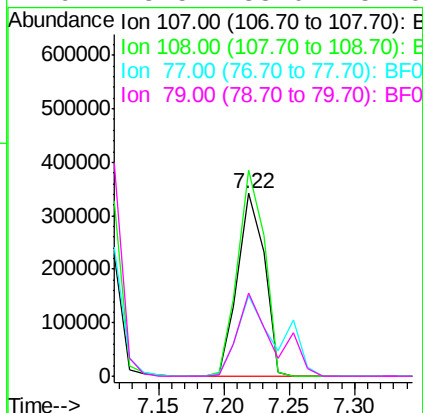
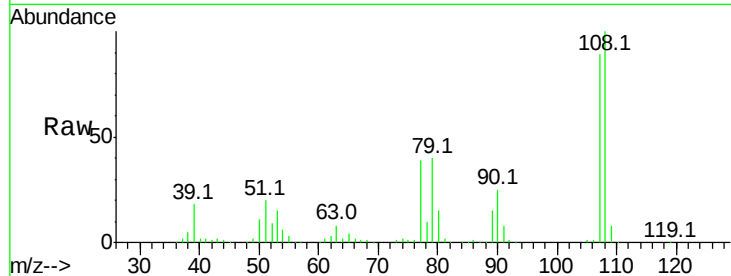
#17
2-Methylphenol
Concen: 53.14 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	490579		
108	112.8	93.0	139.6	
77	44.3	39.8	59.8	
79	45.5	38.0	57.0	

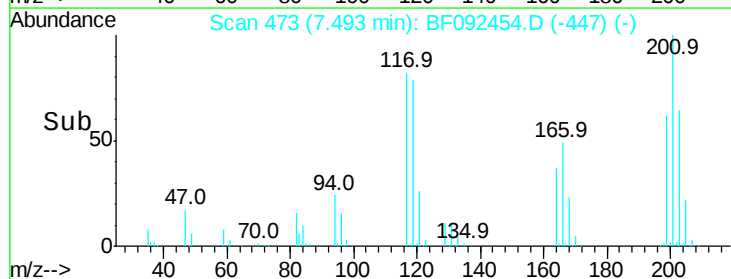
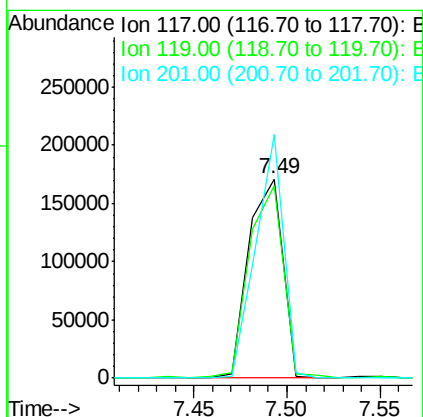
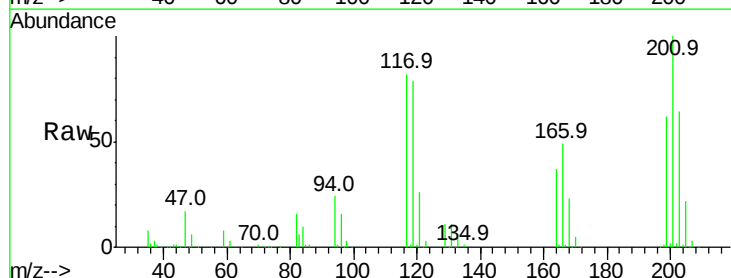
Manual Integrations
APPROVED

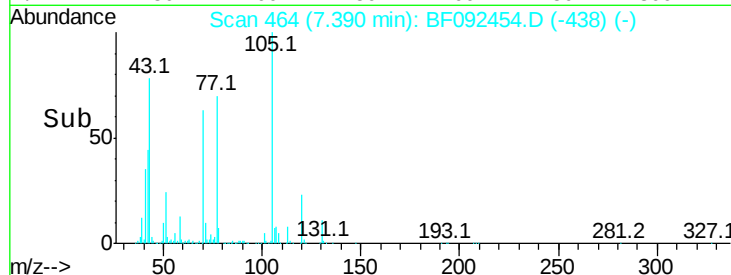
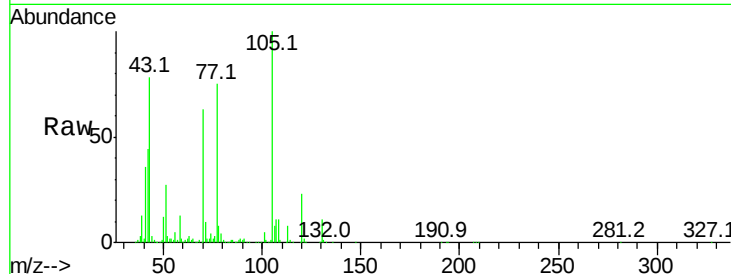
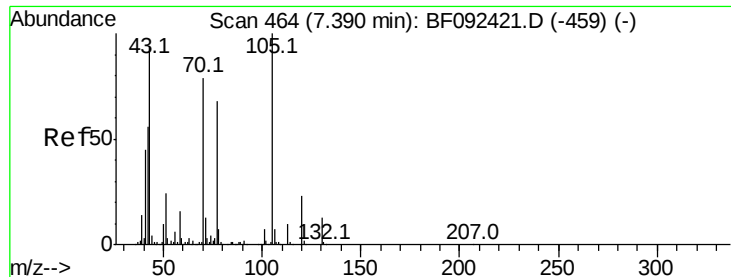
mohammad
1/25/2017 3:50:20 PM



#18
Hexachloroethane
Concen: 48.71 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	215802		
119	96.7	78.1	117.1	
201	122.4	78.6	117.8#	





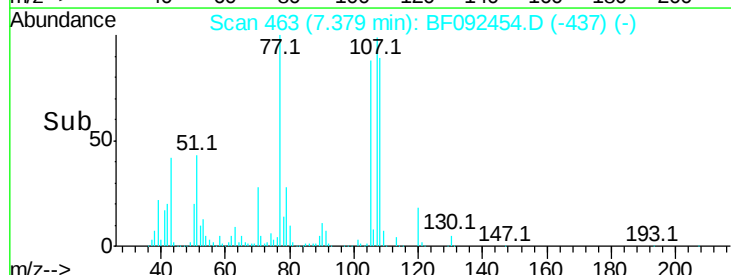
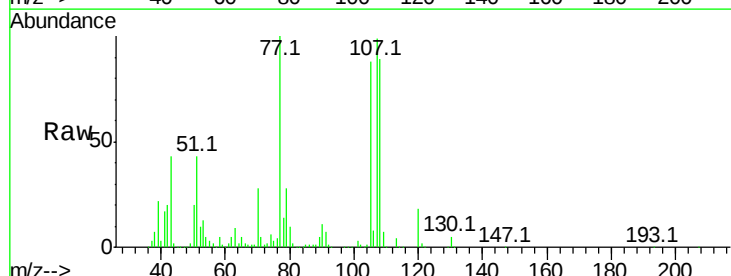
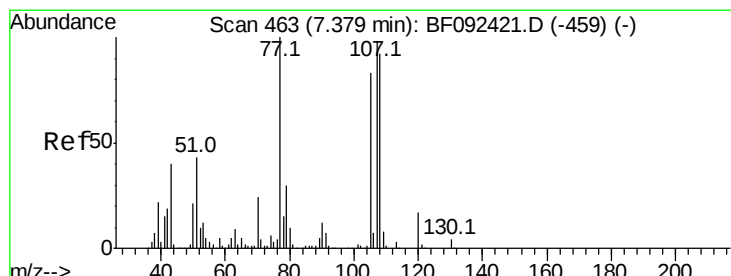
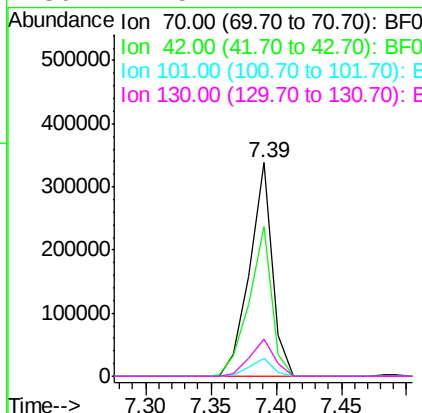
#19
n-Nitroso-di-n-propylamine
Concen: 45.96 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.2	49.4	74.0
101	8.6	7.4	11.2
130	17.5	14.2	21.4

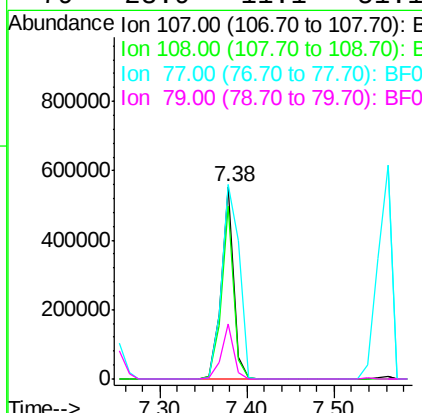
Manual Integrations
APPROVED

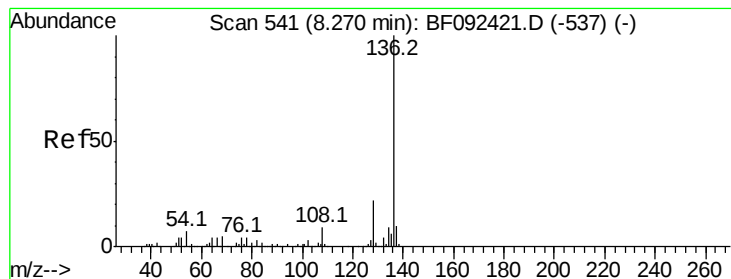
mohammad
1/25/2017 3:50:20 PM



#20
3+4-Methylphenols
Concen: 49.87 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.0	113.0
77	101.3	71.3	111.3
79	28.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

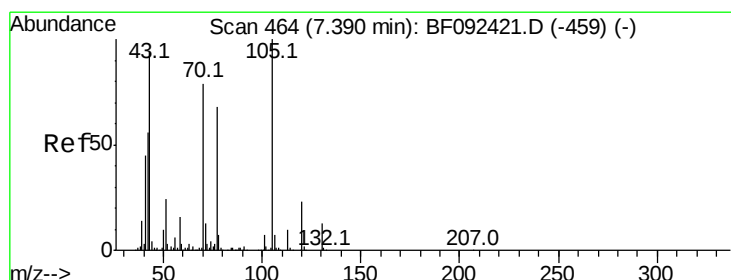
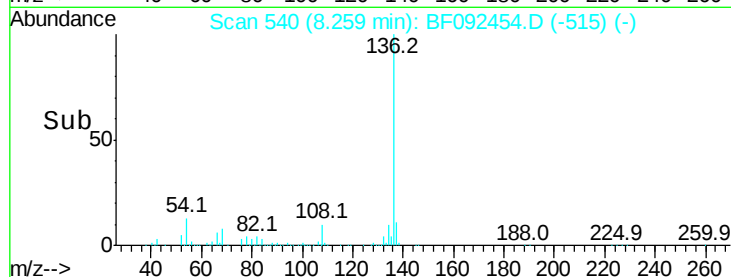
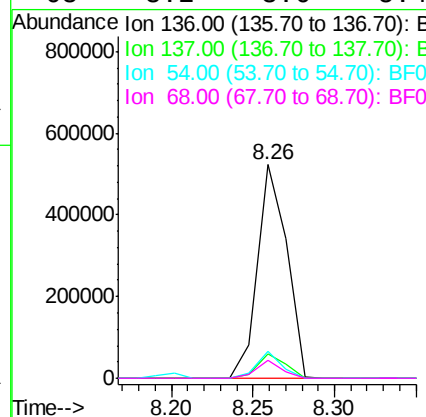
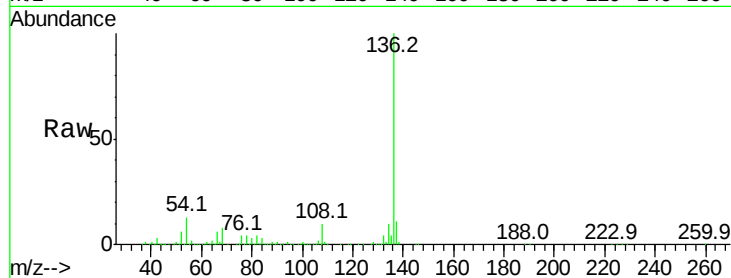
ClientSampleId :

WC-COMPOSITMSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.7	4.5	6.7#
68	8.2	3.6	5.4#

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#22

Acetophenone

Concen: 51.97 ng

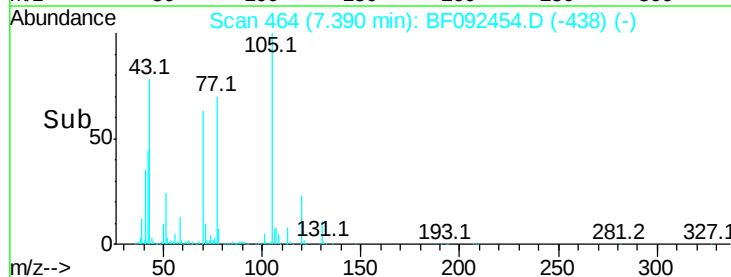
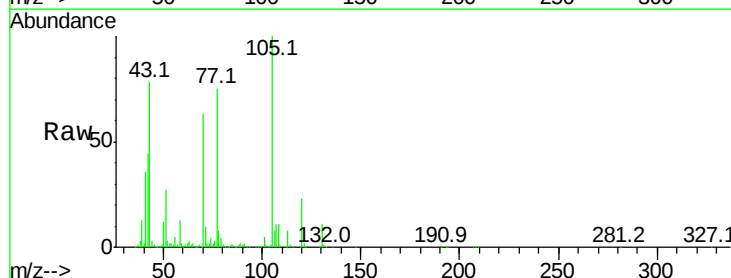
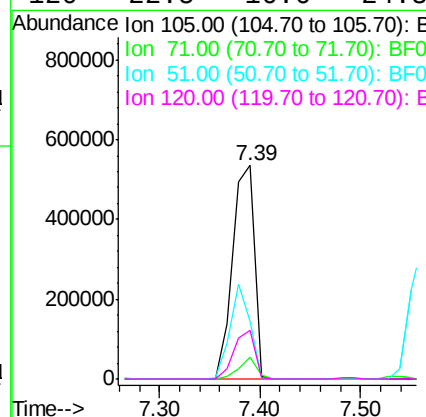
RT: 7.39 min Scan# 464

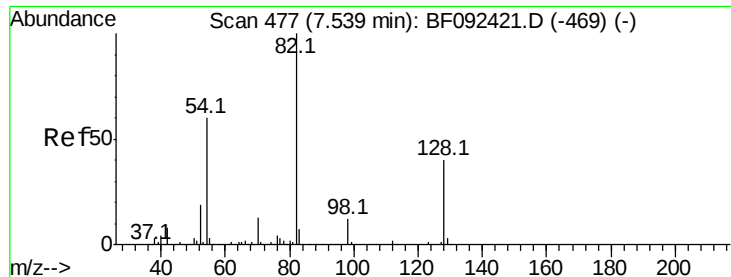
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	10.4	3.2	4.8#
51	27.3	26.2	39.4
120	22.5	16.6	24.8





#23

Nitrobenzene-d5

Concen: 100.61 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Tot Ion: 82 Resp: 1201056

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

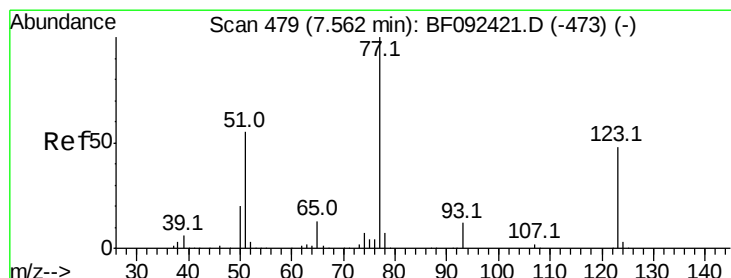
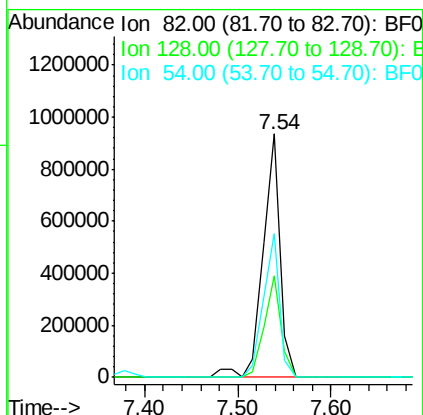
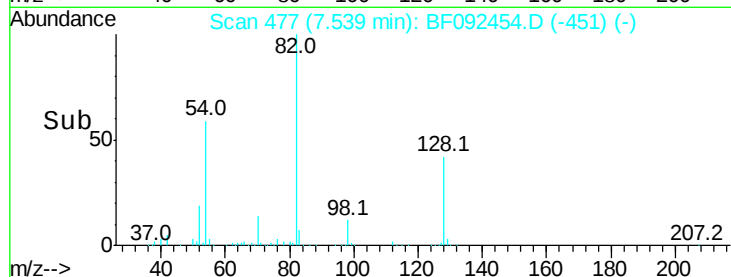
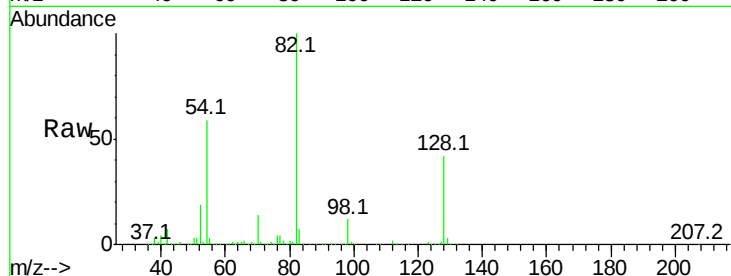
54 59.0 39.5 59.3

Manual Integrations

APPROVED

mohammad

1/25/2017 3:50:20 PM



#24

Nitrobenzene

Concen: 55.14 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

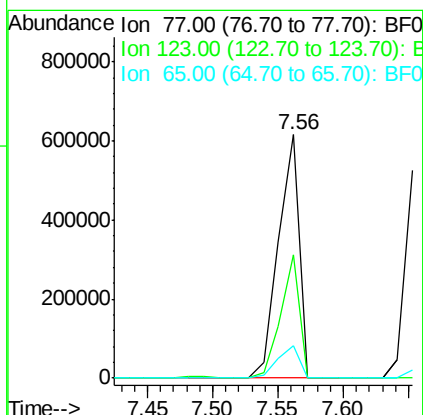
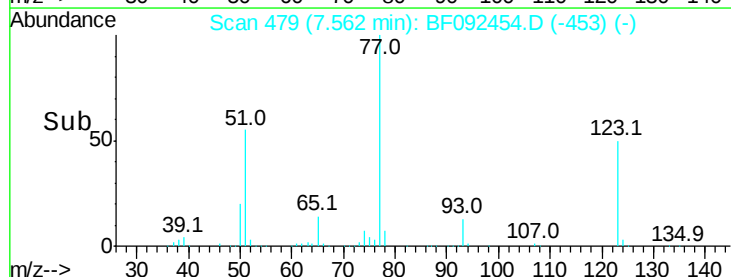
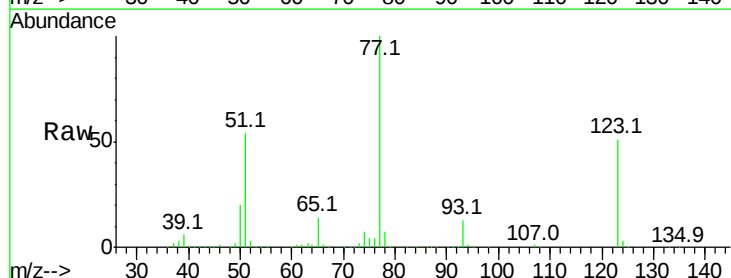
Tgt Ion: 77 Resp: 689578

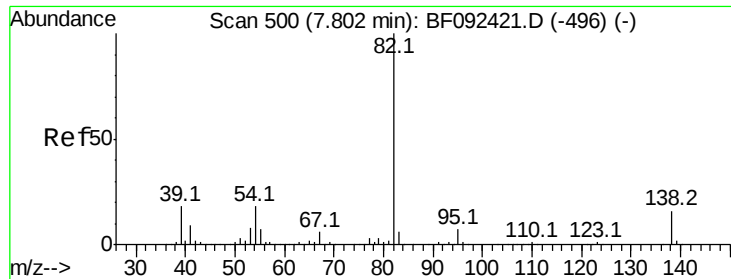
Ion Ratio Lower Upper

77 100

123 50.9 33.0 49.4#

65 13.6 11.2 16.8





#25

Isophorone

Concen: 51.74 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Tot Ion: 82 Resp: 1217123

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

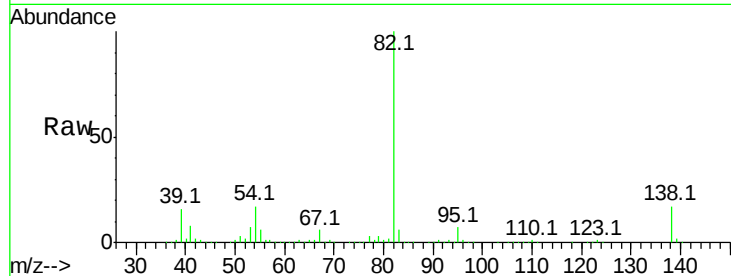
138 17.2 14.6 22.0

Manual Integrations

APPROVED

mohammad

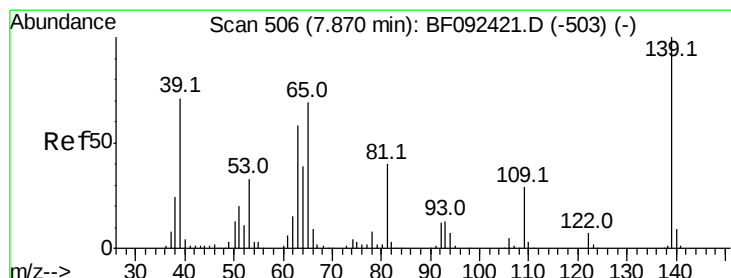
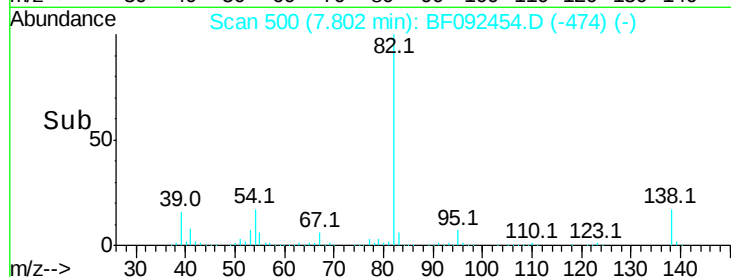
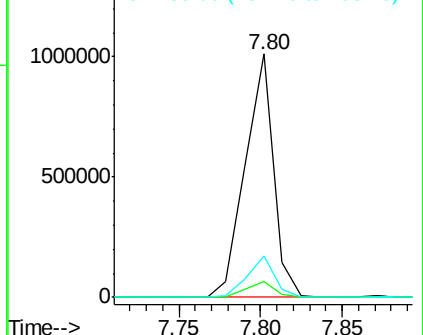
1/25/2017 3:50:20 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.13 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

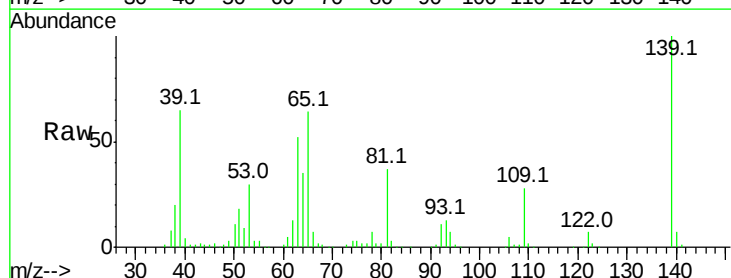
Tgt Ion: 139 Resp: 288905

Ion Ratio Lower Upper

139 100

109 28.4 23.3 34.9

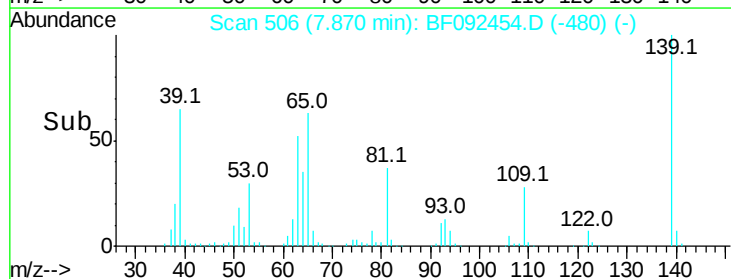
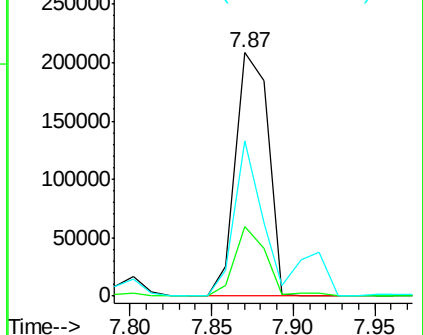
65 63.5 42.7 64.1

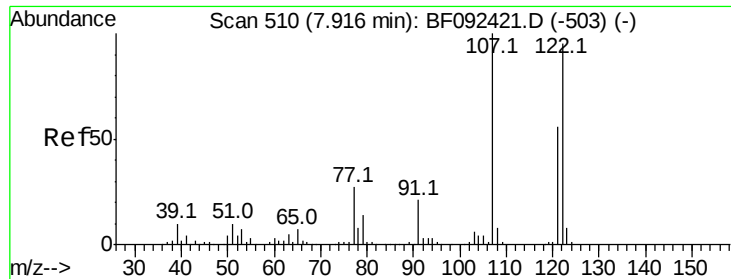


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 51.50 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

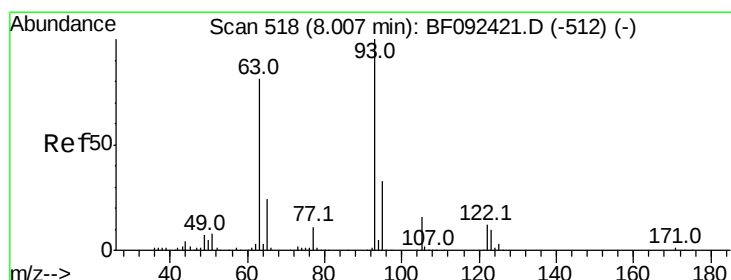
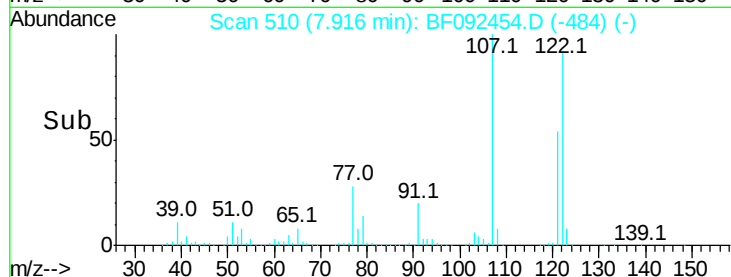
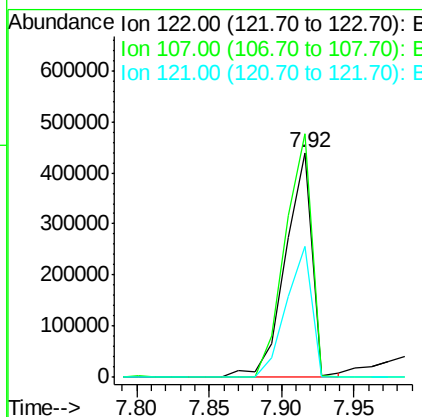
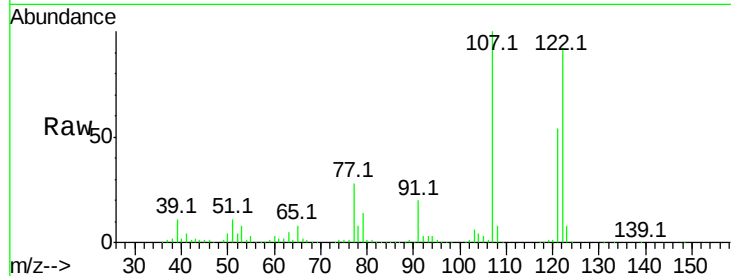
ClientSampleId :

WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	94.1	141.1
121	58.4	46.0	69.0

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#28

bis(2-Chloroethoxy)methane

Concen: 46.41 ng

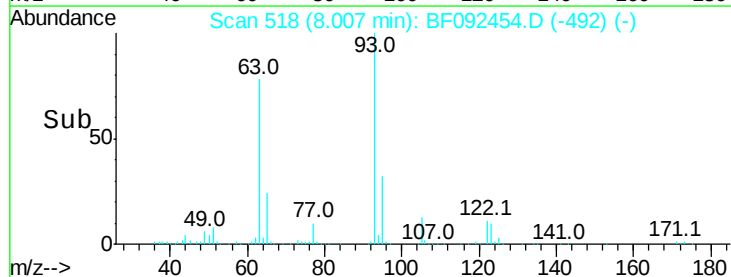
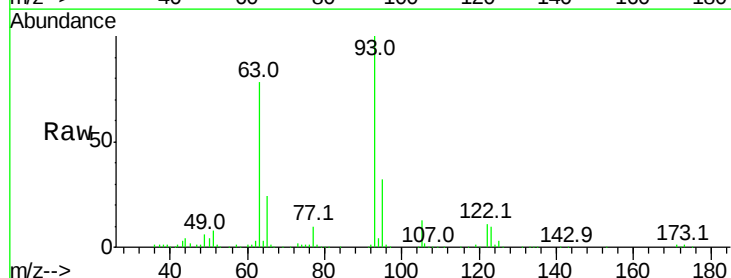
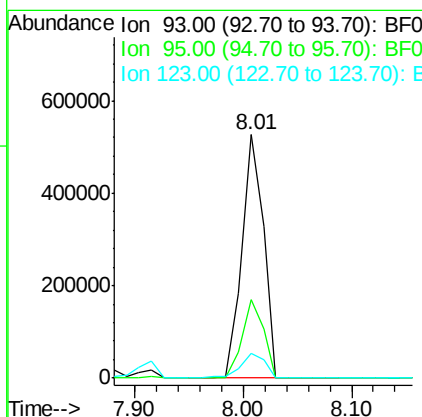
RT: 8.01 min Scan# 518

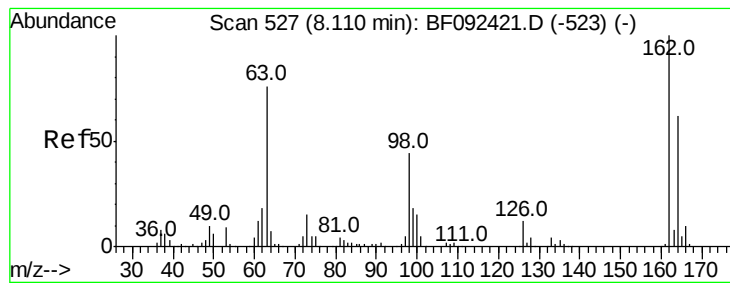
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 52.30 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

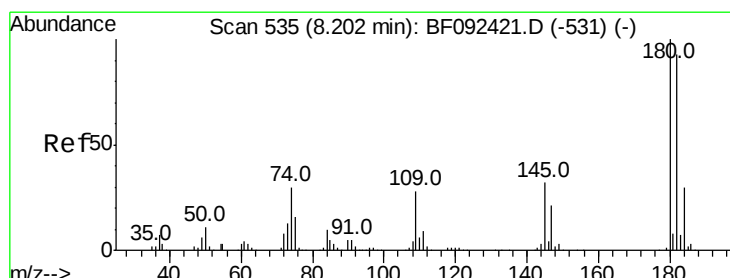
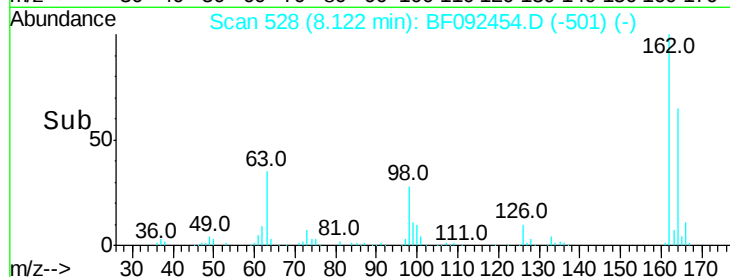
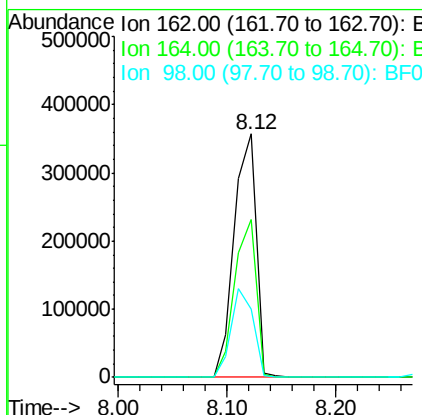
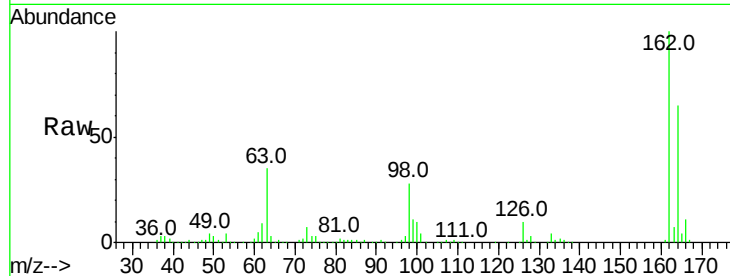
ClientSampleId :

WC-COMPOSITMSD

Tot Ion:	162	Resp:	494218
Ion Ratio	Lower	Upper	
162	100		
164	64.9	46.8	86.8
98	28.0	9.1	49.1

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#30

1,2,4-Trichlorobenzene

Concen: 47.68 ng

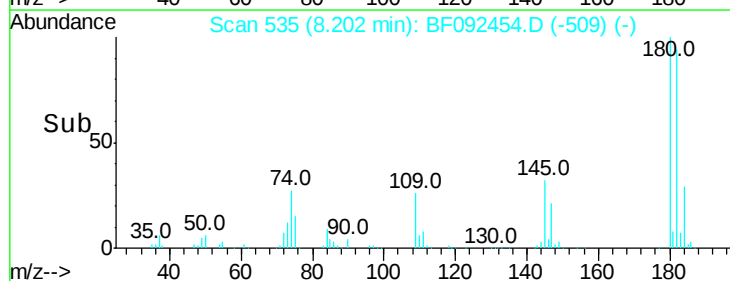
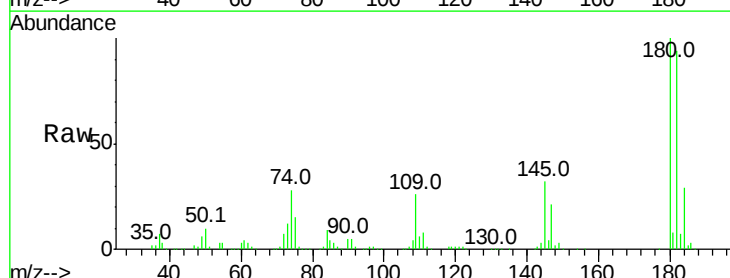
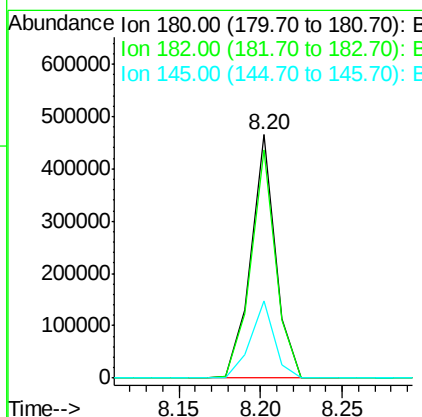
RT: 8.20 min Scan# 535

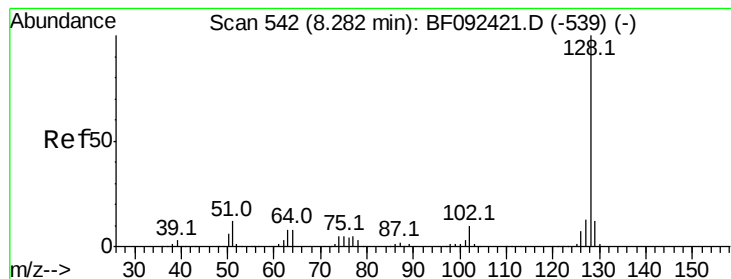
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion:	180	Resp:	487010
Ion Ratio	Lower	Upper	
180	100		
182	93.8	78.2	117.4
145	31.7	21.6	32.4





#31

Naphthalene

Concen: 46.21 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Tot Ion:128 Resp: 1542104

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

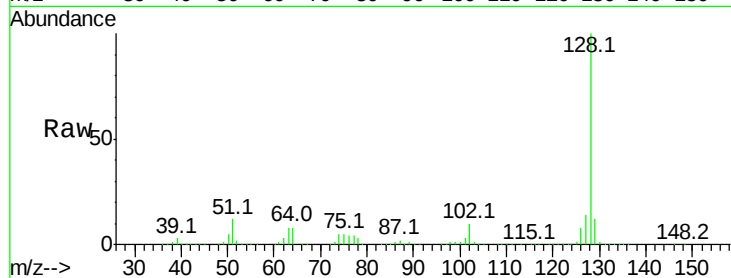
127 13.8 10.8 16.2

Manual Integrations

APPROVED

mohammad

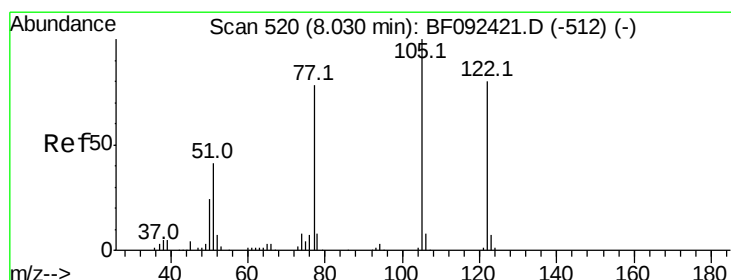
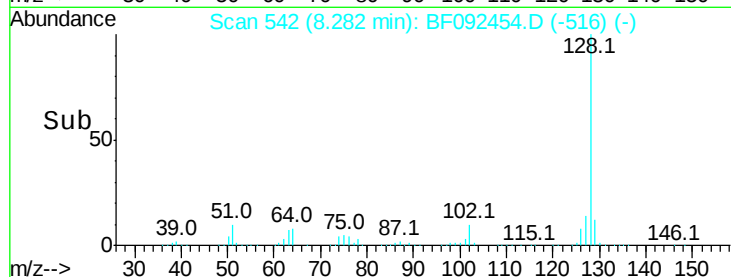
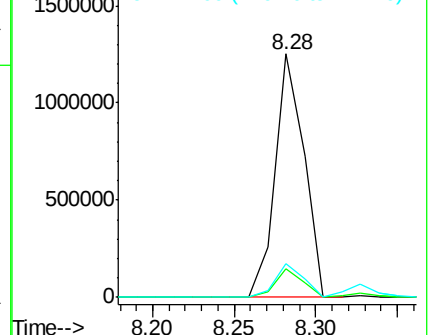
1/25/2017 3:50:20 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.59 ng m

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

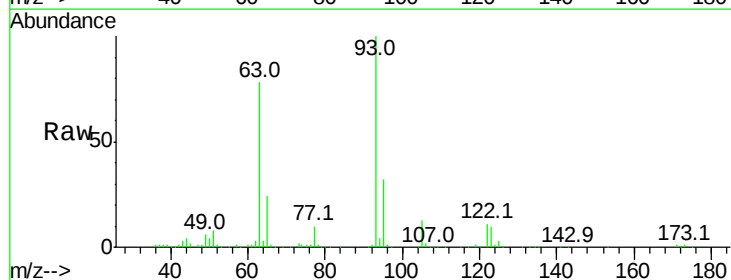
Tgt Ion:122 Resp: 179675

Ion Ratio Lower Upper

122 100

105 125.2 107.2 147.2

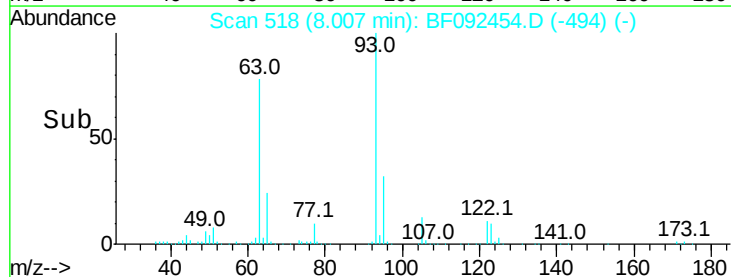
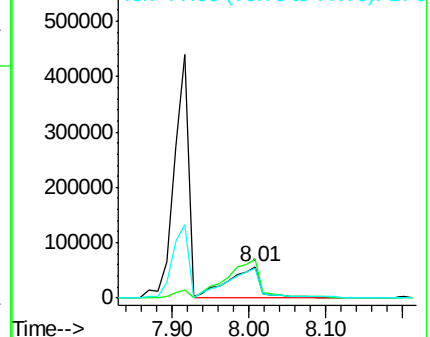
77 97.4 74.5 114.5

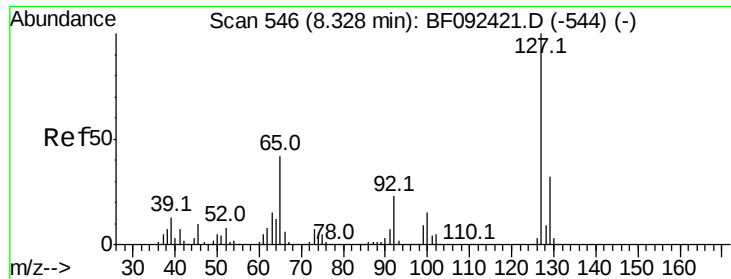


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





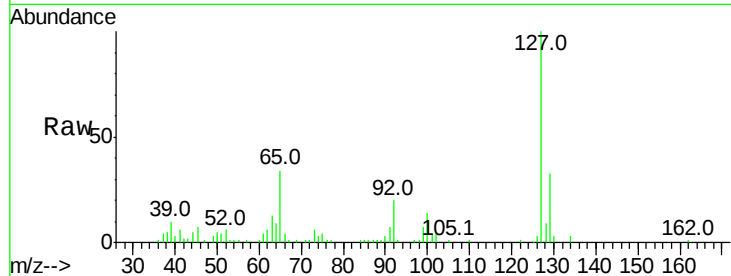
#33
4-Chloroaniline
Concen: 6.50 ng/ml
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITMSD

Tot Ion:	127	Resp:	91730
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.3	39.5
65	33.9	25.8	38.8
92	20.1	16.1	24.1

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



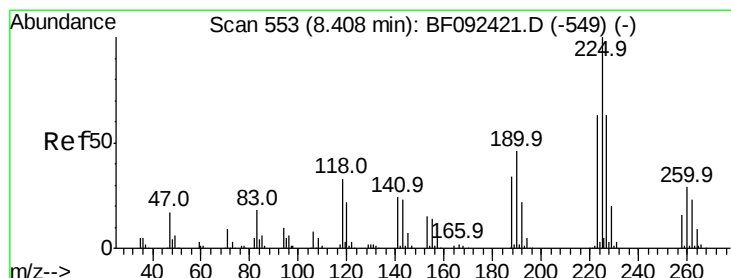
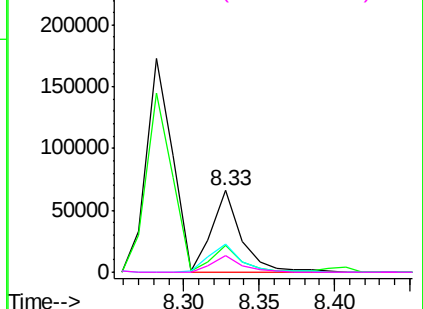
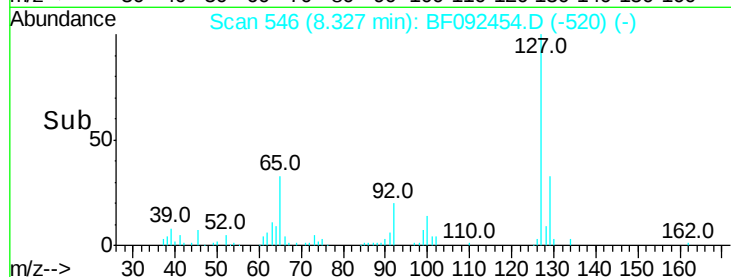
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

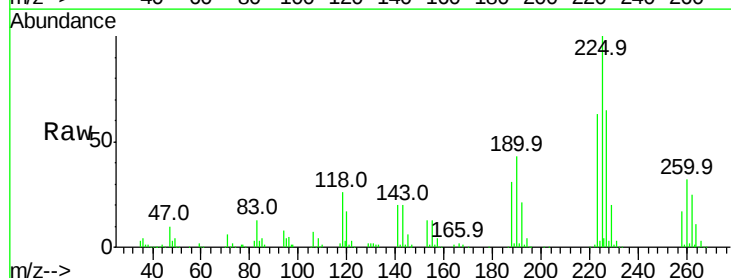
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 49.33 ng/ml
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion:	225	Resp:	275571
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.0	76.6
227	64.6	50.6	76.0

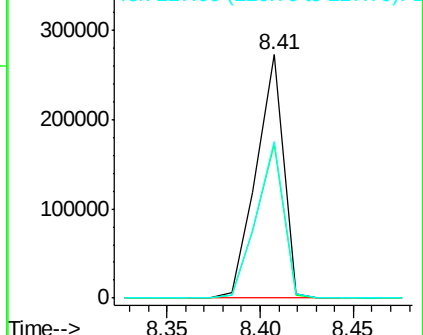
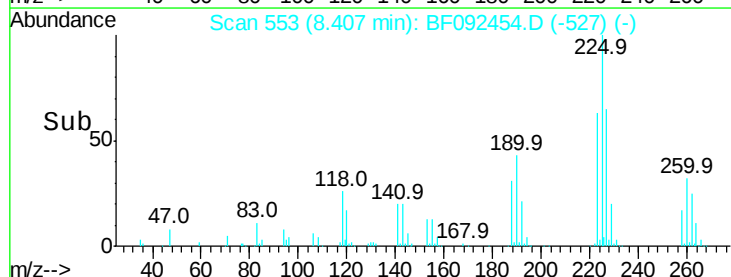


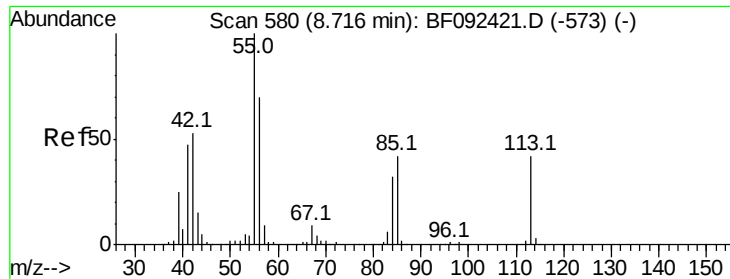
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.69 ng/mL

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITE.MSD

Tot Ion: 113 Resp: 137875

Ion Ratio Lower Upper

113 100

55 228.4 119.2 159.2#

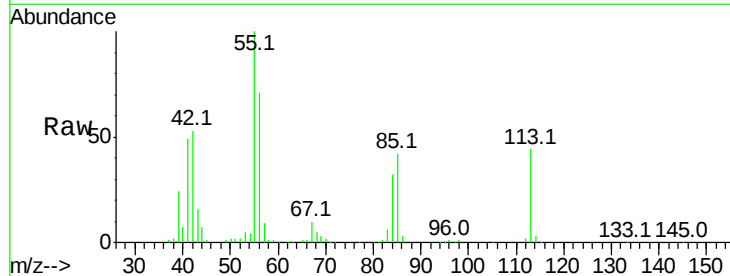
56 162.8 83.8 123.8#

Manual Integrations

APPROVED

mohammad

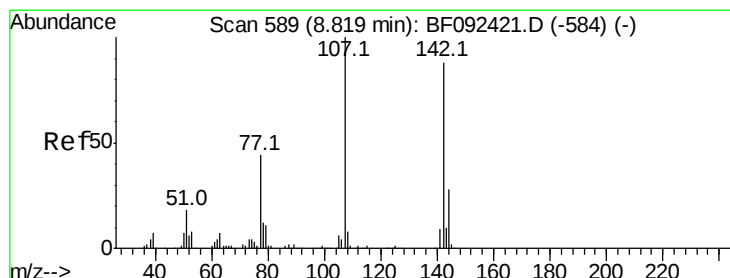
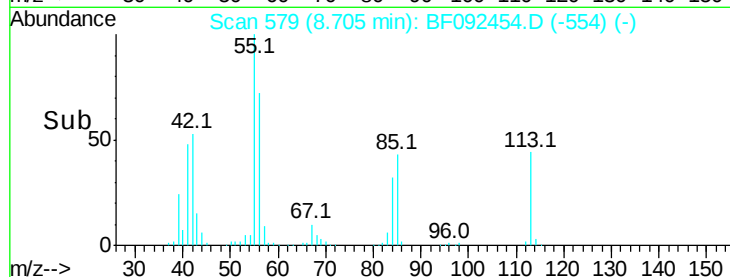
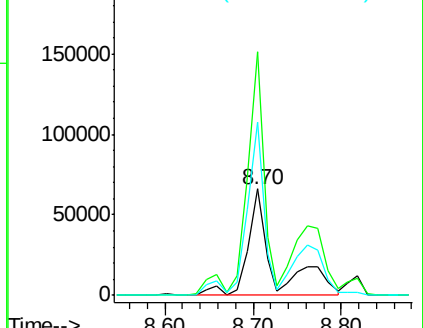
1/25/2017 3:50:20 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.76 ng/mL

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

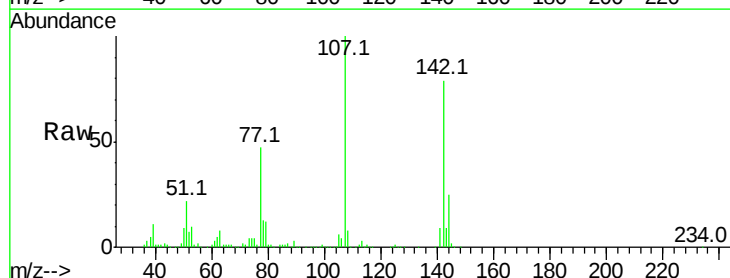
Tgt Ion: 107 Resp: 527410

Ion Ratio Lower Upper

107 100

144 25.4 19.3 28.9

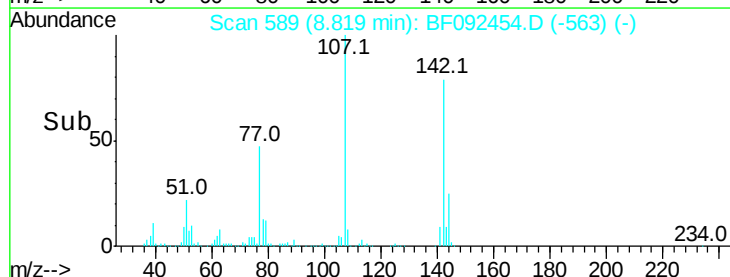
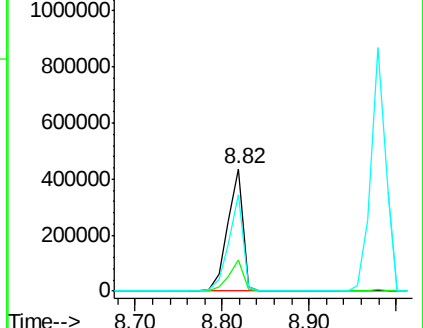
142 78.9 59.0 88.6

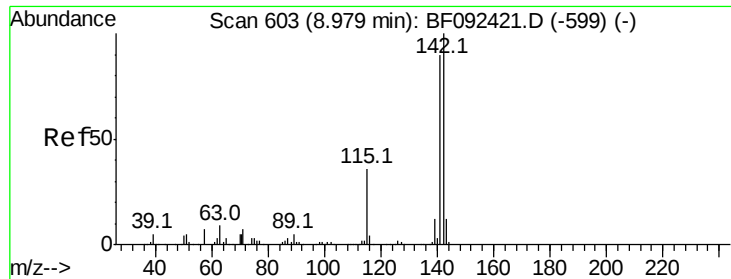


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





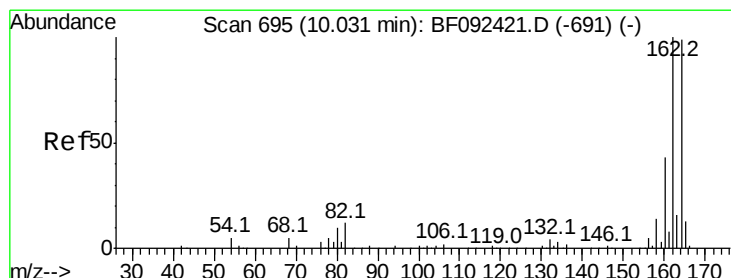
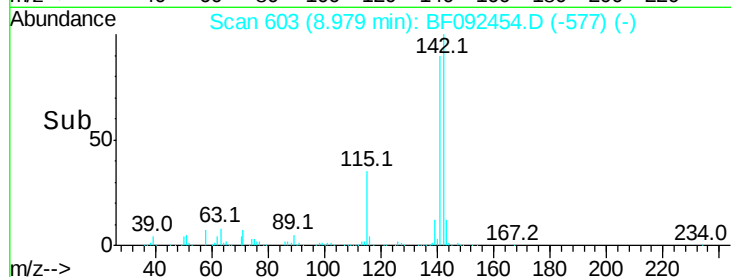
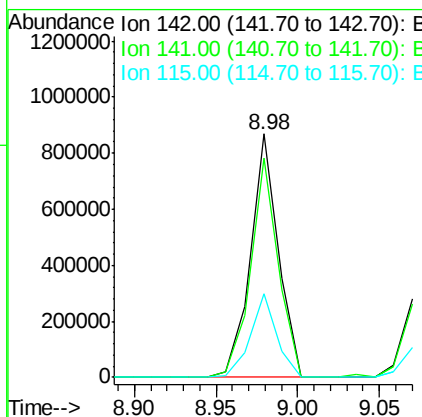
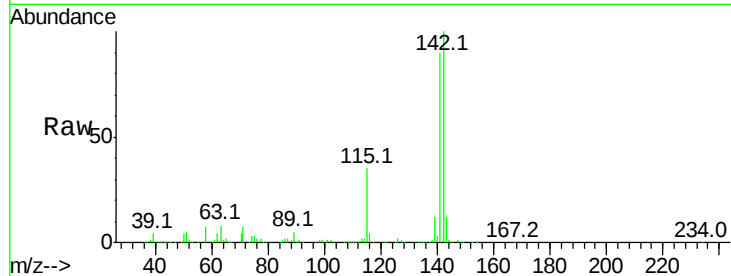
#37
2-Methylnaphthalene
Concen: 48.56 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.5	28.3	42.5

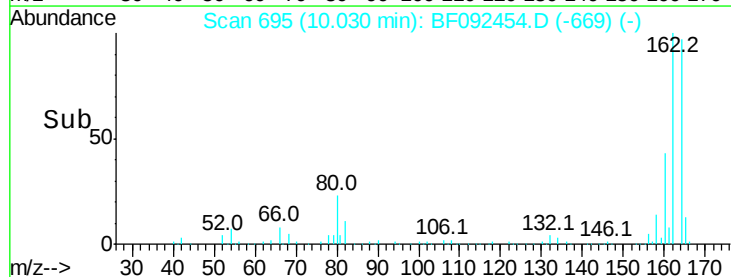
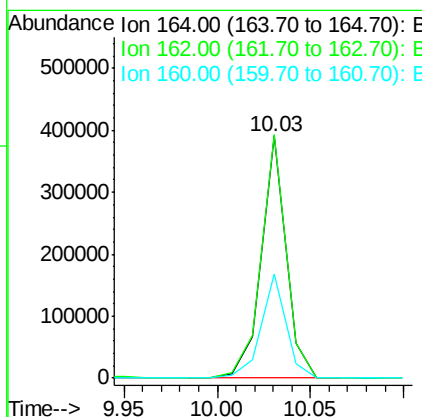
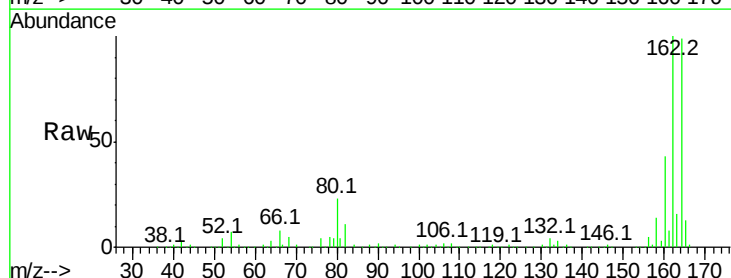
Manual Integrations
APPROVED

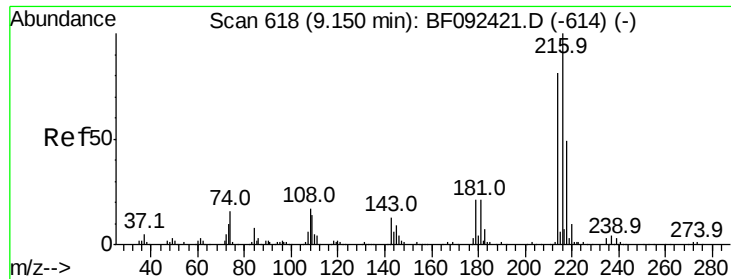
mohammad
1/25/2017 3:50:20 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	43.0	36.9	55.3





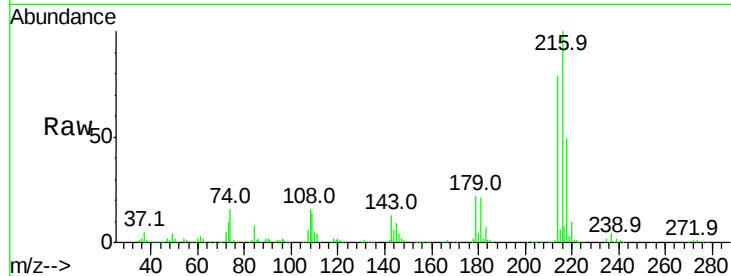
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.77 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITEMSD

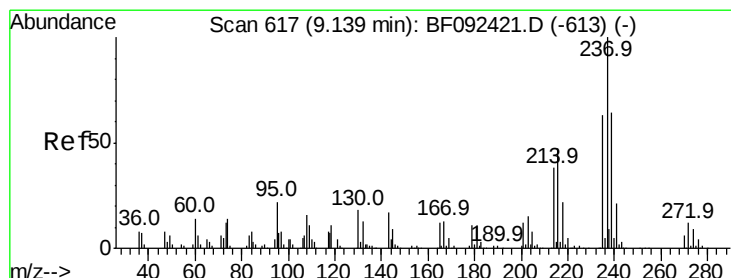
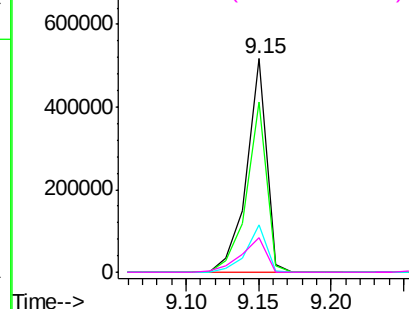
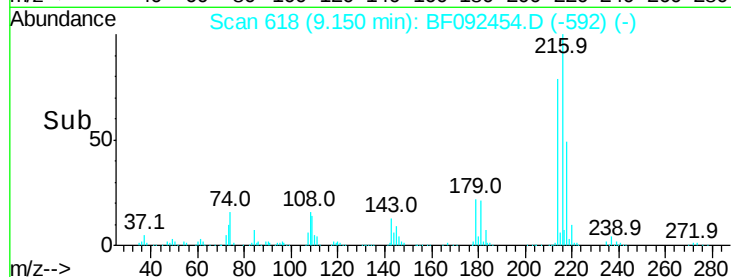
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.4	95.0
179	22.3	17.4	26.2
108	20.4	15.6	23.4

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:50:20 PM

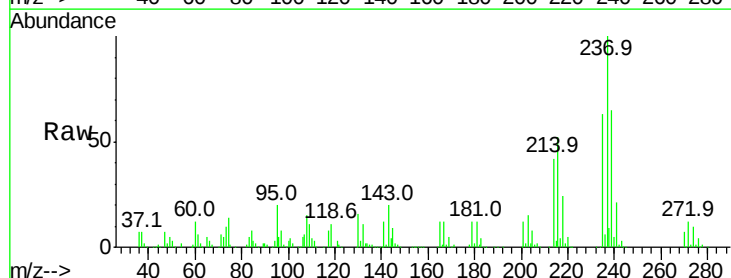


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

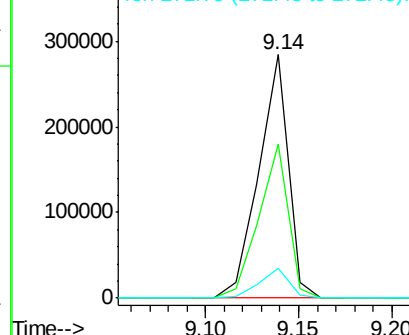
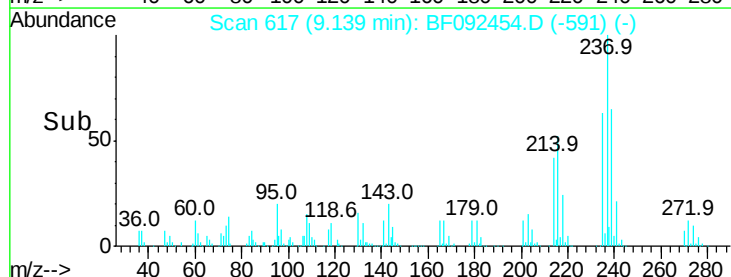


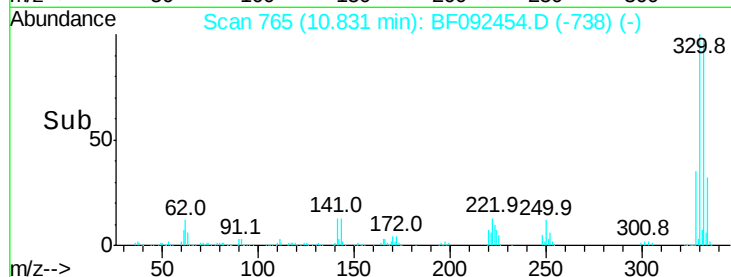
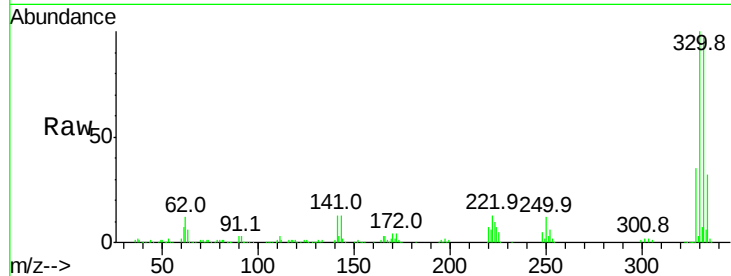
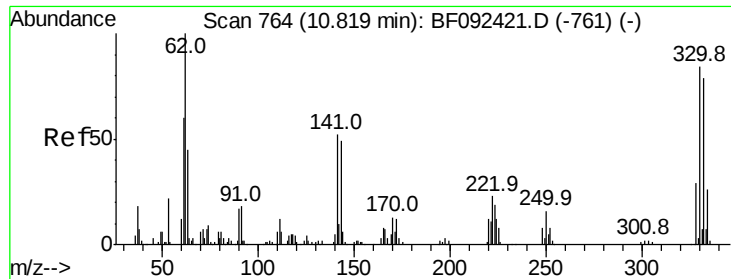
#40
 Hexachlorocyclopentadiene
 Concen: 68.76 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

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



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 148.62 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.4	116.2	
141	33.8	34.1	51.1	

Instrument :

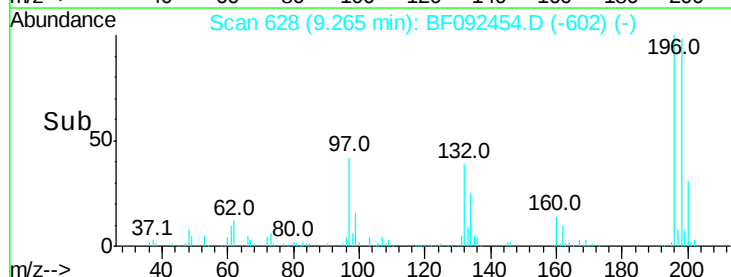
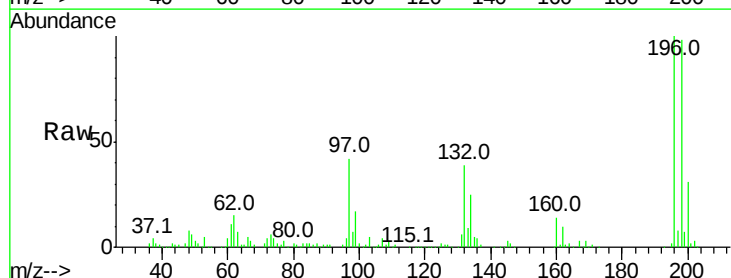
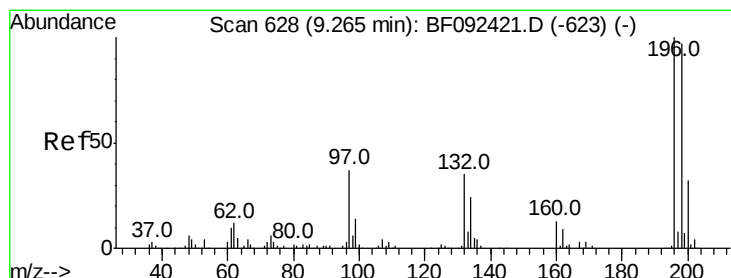
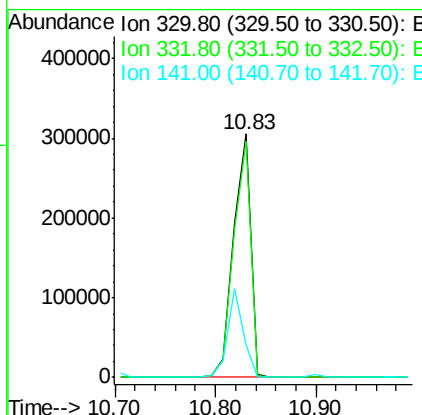
BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#42

2,4,6-Trichlorophenol

Concen: 52.17 ng

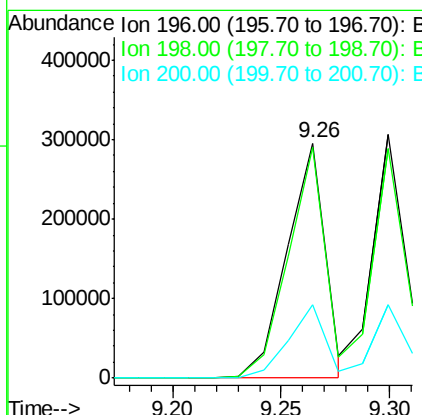
RT: 9.26 min Scan# 628

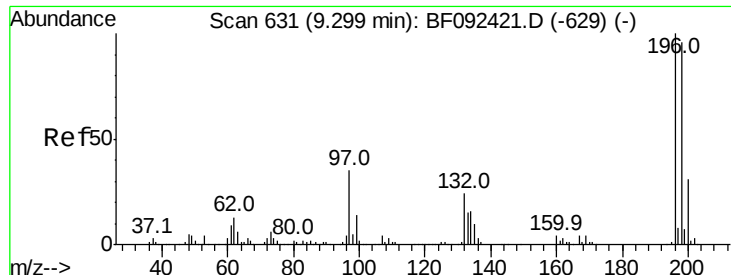
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.1	82.1	123.1	
200	31.2	27.0	40.4	





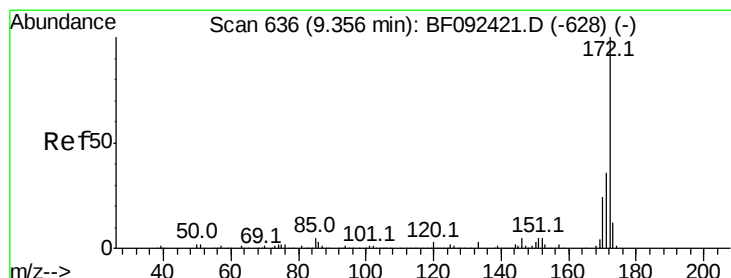
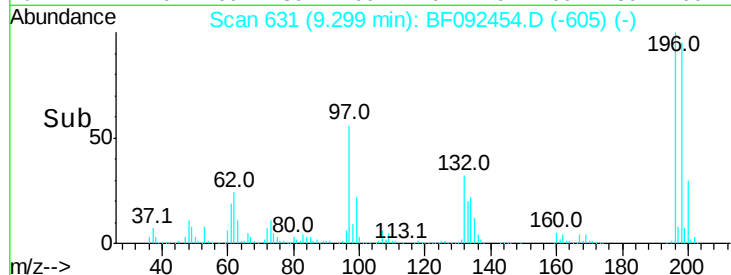
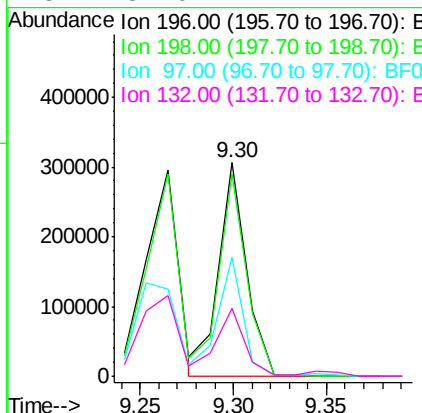
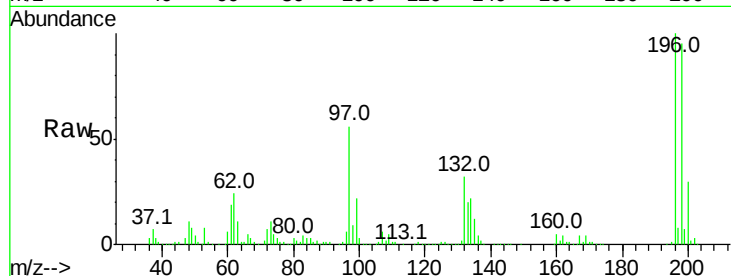
#43
 2,4,5-Trichlorophenol
 Concen: 50.27 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317902		
198	94.5	79.4	119.2	
97	55.9	51.5	77.3	
132	32.0	27.4	41.2	

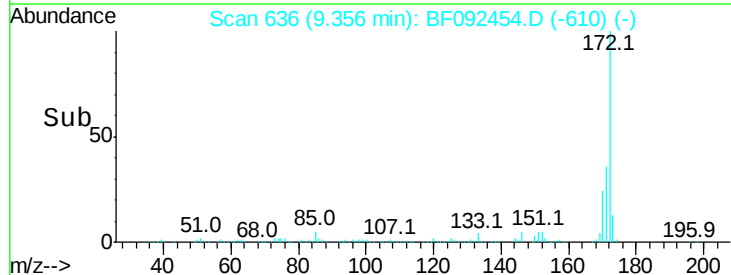
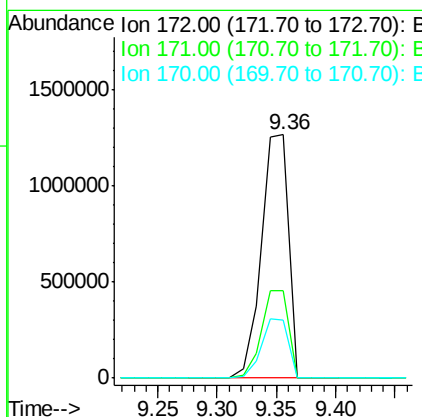
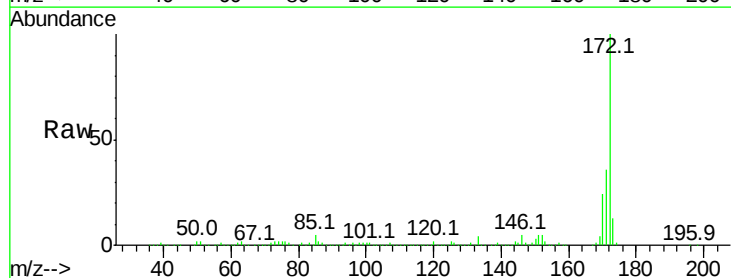
Manual Integrations
 APPROVED

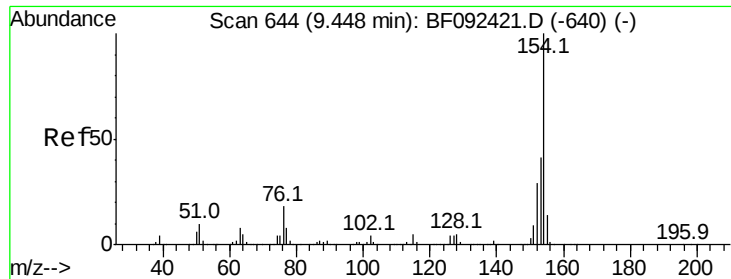
mohammad
 1/25/2017 3:50:20 PM



#44
 2-Fluorobiphenyl
 Concen: 104.55 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2022027		
171	35.7	29.4	44.0	
170	24.1	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 46.26 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITMSD

Tot Ion:154 Resp: 1195945

Ion Ratio Lower Upper

154 100

153 41.6 20.9 60.9

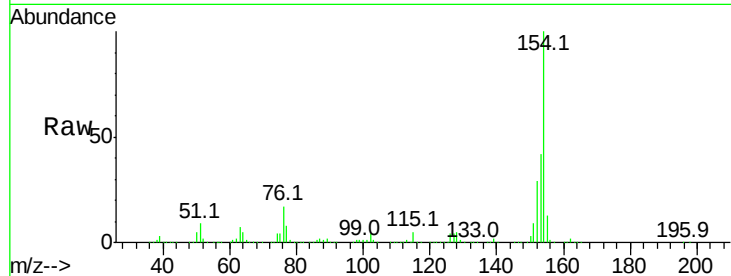
76 16.7 0.0 30.5

Manual Integrations

APPROVED

mohammad

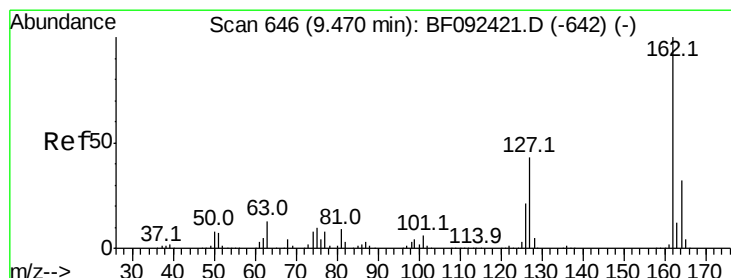
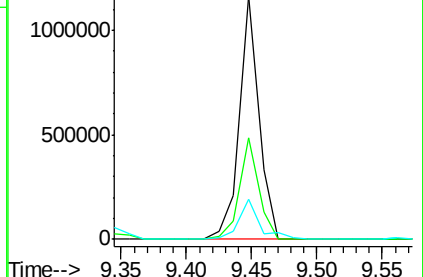
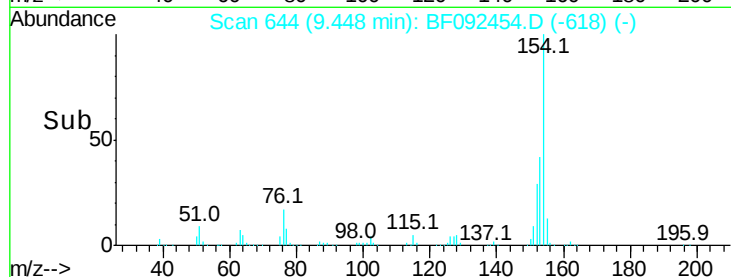
1/25/2017 3:50:20 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.16 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

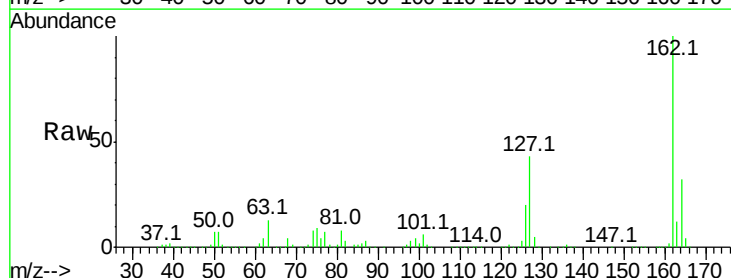
Tgt Ion:162 Resp: 974689

Ion Ratio Lower Upper

162 100

127 43.3 30.7 46.1

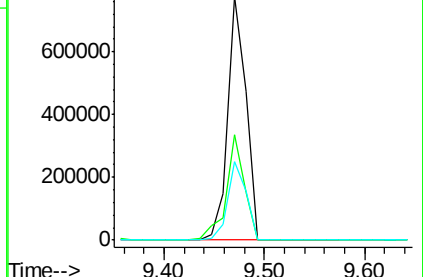
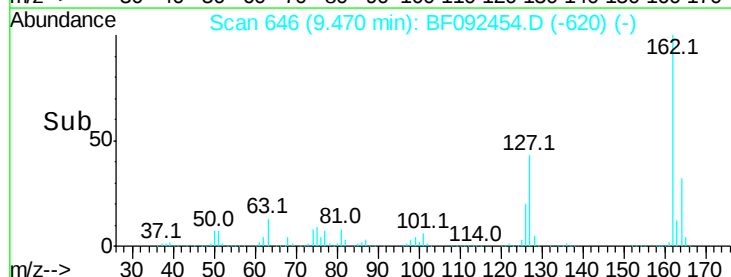
164 32.1 27.6 41.4

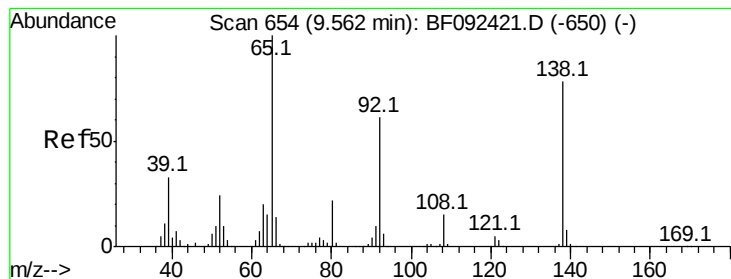


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.66 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

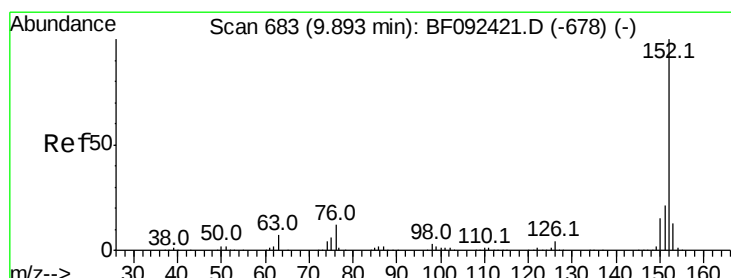
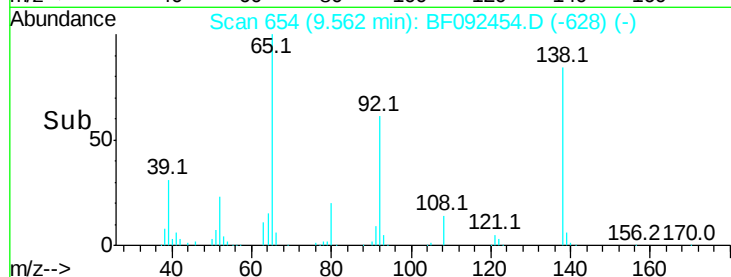
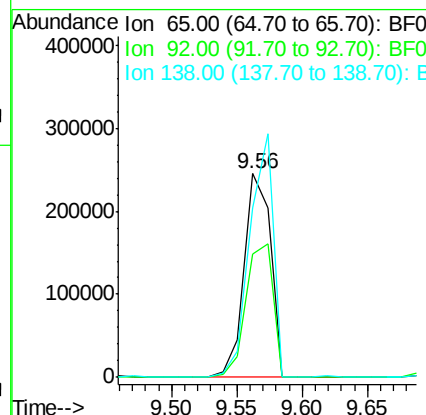
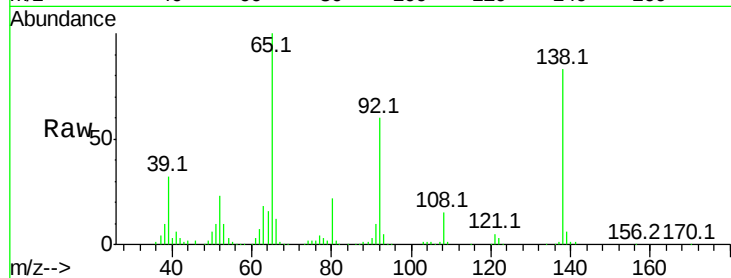
ClientSampleId :

WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.4	53.9	80.9
138	83.1	76.8	115.2

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#48

Acenaphthylene

Concen: 49.58 ng

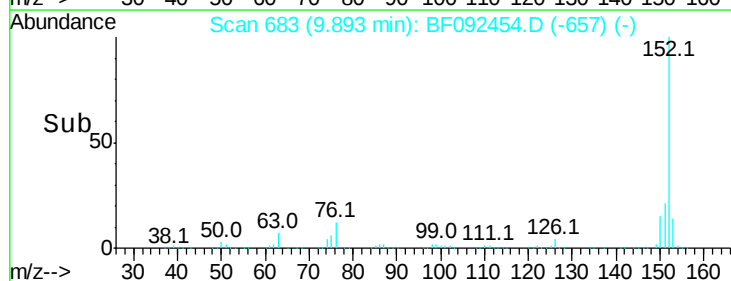
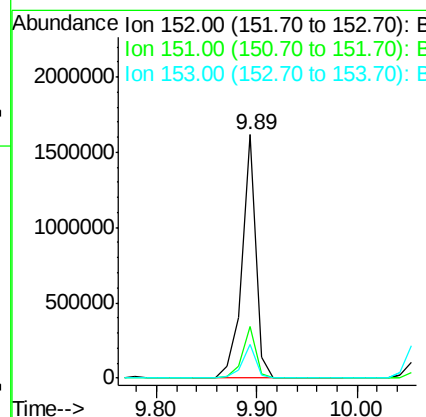
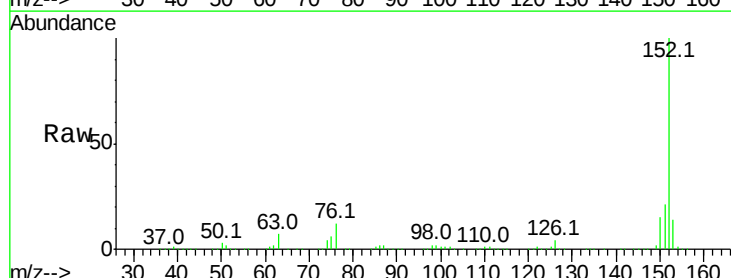
RT: 9.89 min Scan# 683

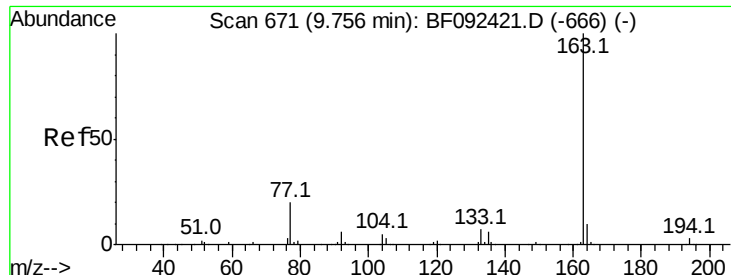
Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	13.7	11.4	17.2





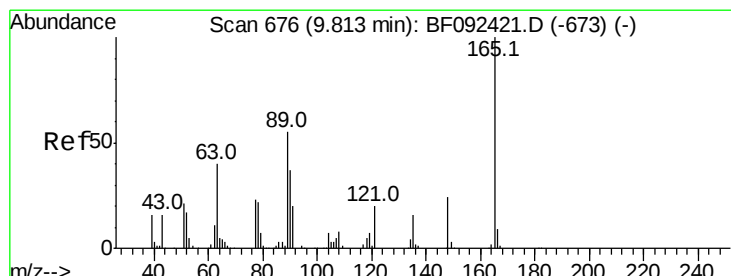
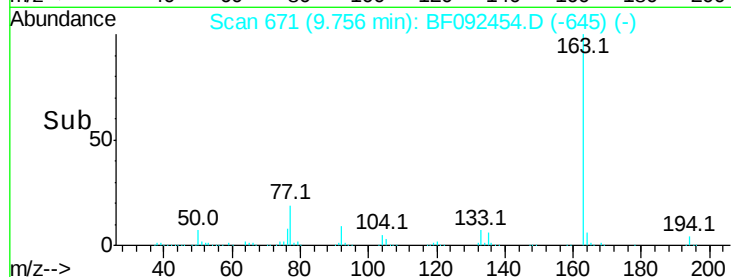
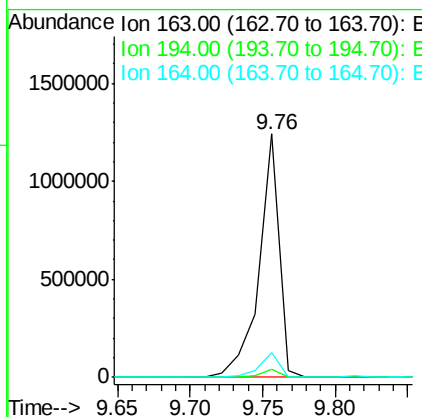
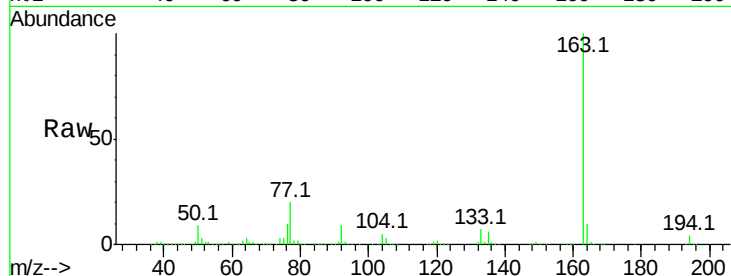
#49
Dimethylphthalate
Concen: 52.22 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

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

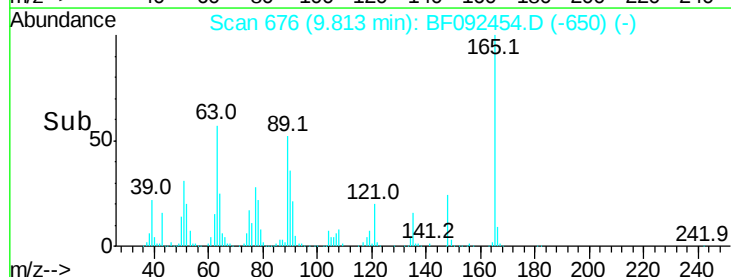
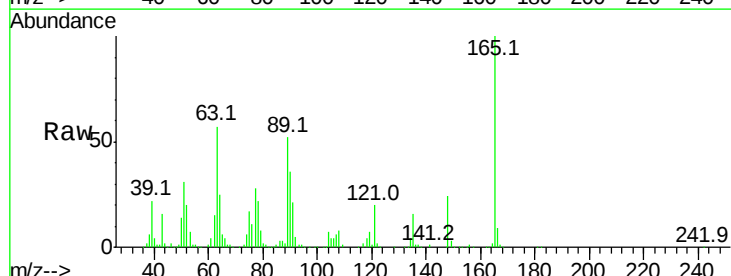
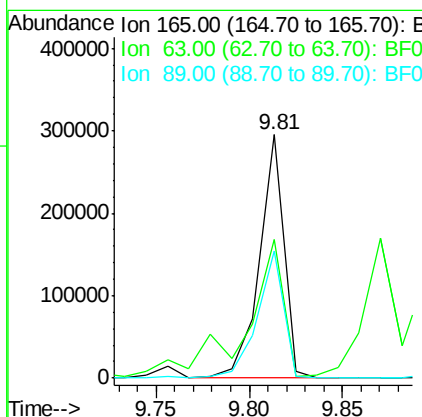
Manual Integrations
APPROVED

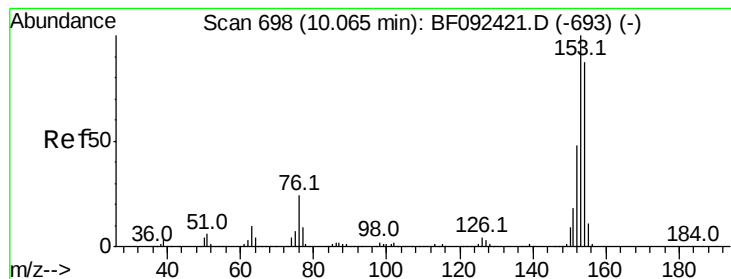
mohammad
1/25/2017 3:50:20 PM



#50
2,6-Dinitrotoluene
Concen: 57.34 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.8	36.2	54.4#
89	52.4	40.2	60.4





#51

Acenaphthene

Concen: 45.86 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

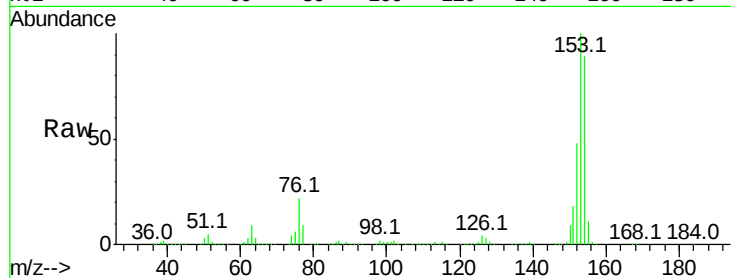
ClientSampleId :

WC-COMPOSITMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	88.6	133.0
152	54.6	41.6	62.4

Manual Integrations
APPROVED

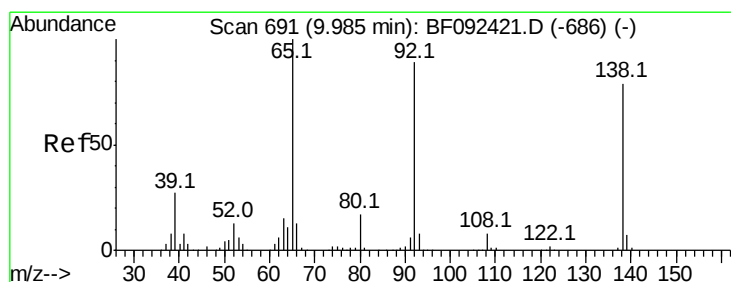
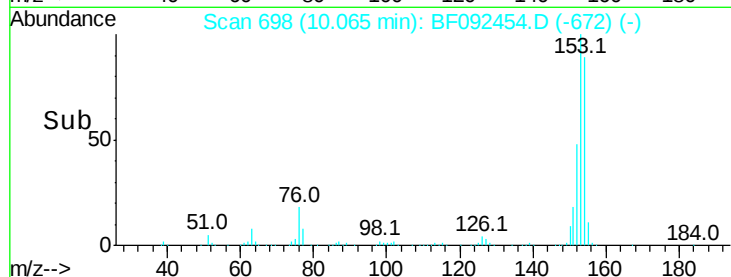
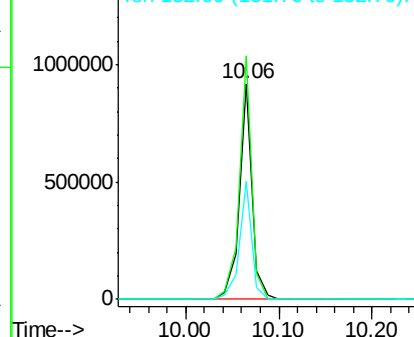
mohammad
1/25/2017 3:50:20 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.33 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092454.D

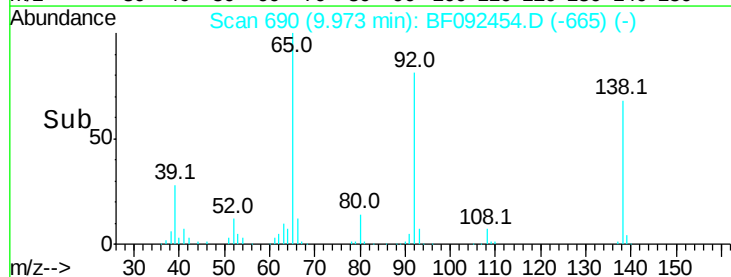
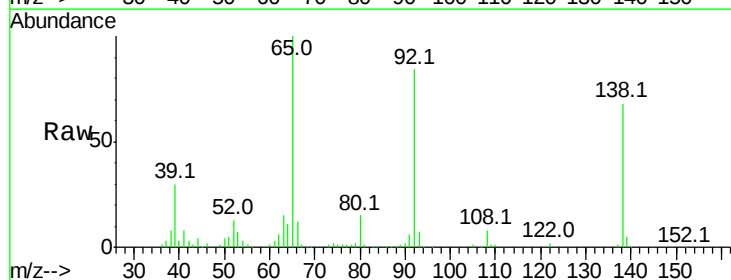
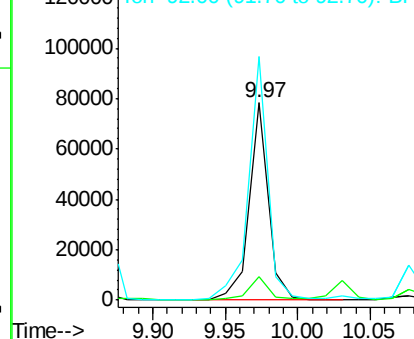
Acq: 25 Jan 2017 2:52

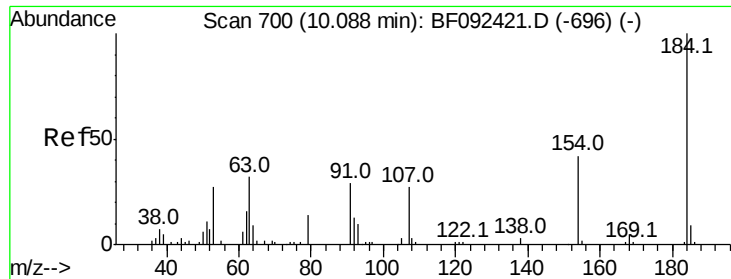
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	123.6	97.8	146.8

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





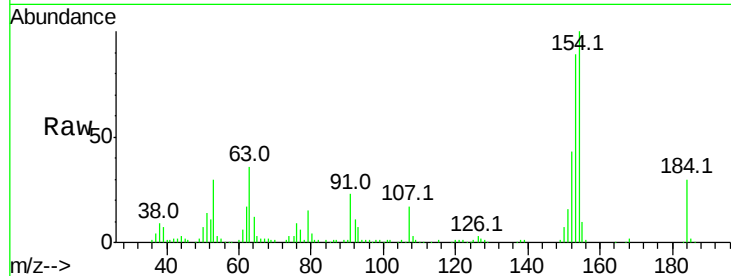
#53
 2,4-Dinitrophenol
 Concen: 28.51 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITMSD

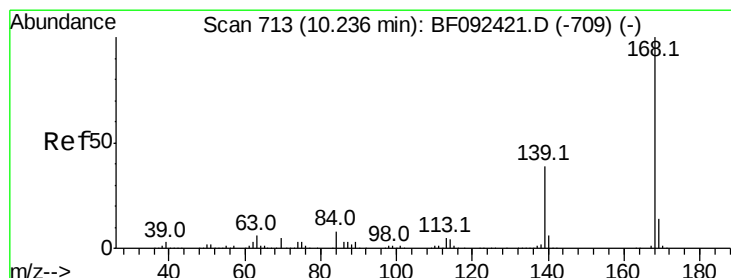
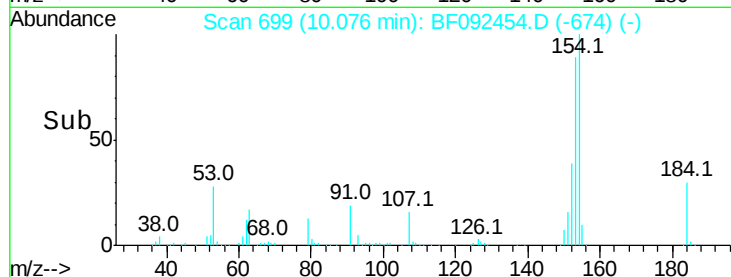
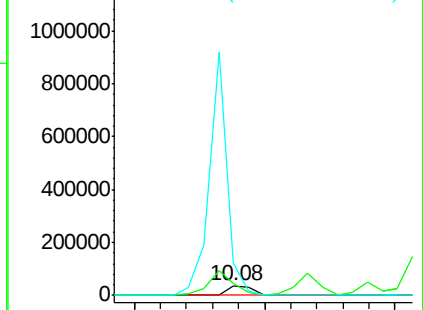
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	119.7	28.4	42.6#	
154	331.3	44.3	66.5#	

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:50:20 PM



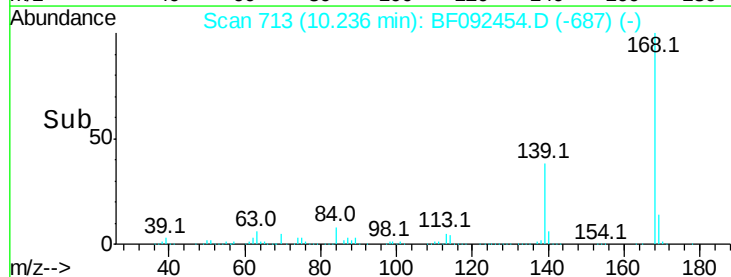
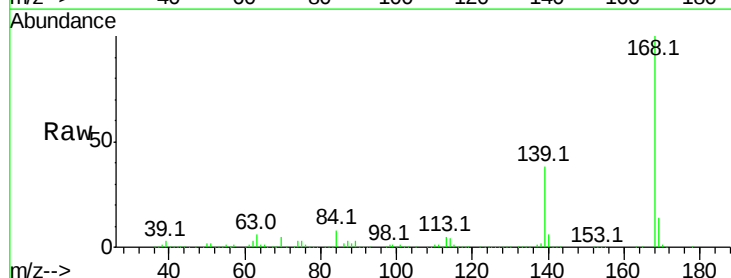
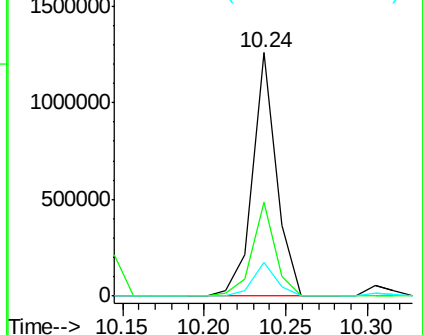
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

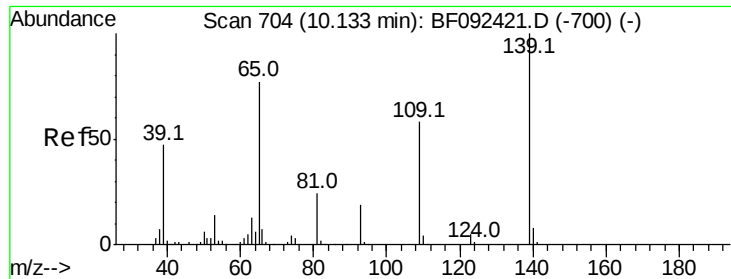


#54
 Dibenzofuran
 Concen: 49.13 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	32.6	49.0	
169	13.8	11.3	16.9	

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





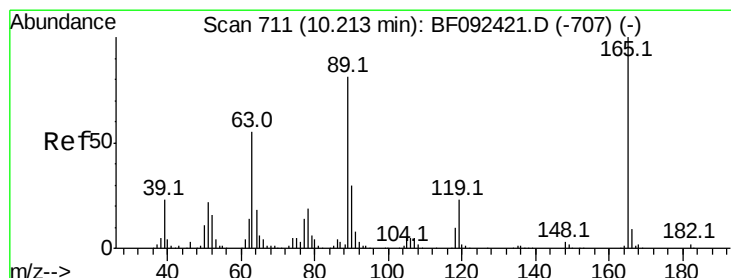
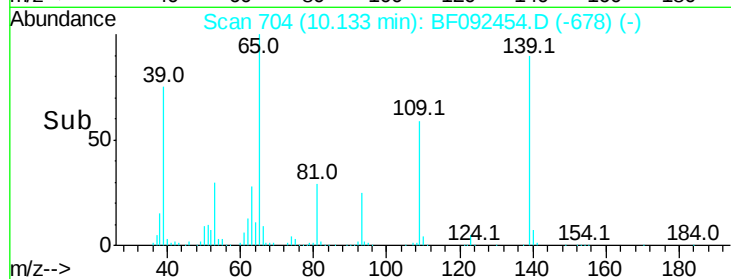
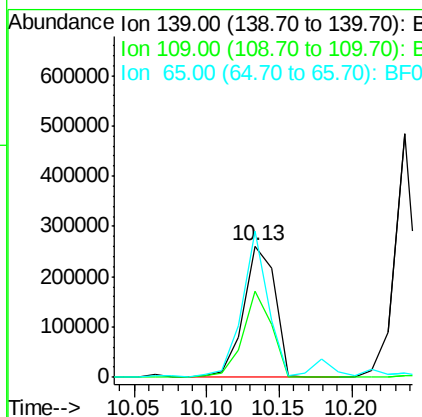
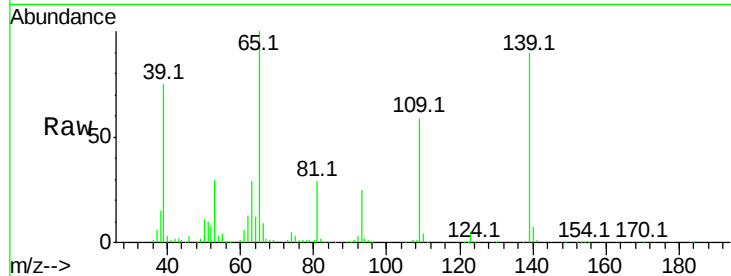
#55
4-Nitrophenol
Concen: 85.48 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	395212		
109	65.3	52.2	92.2	
65	111.3	85.8	125.8	

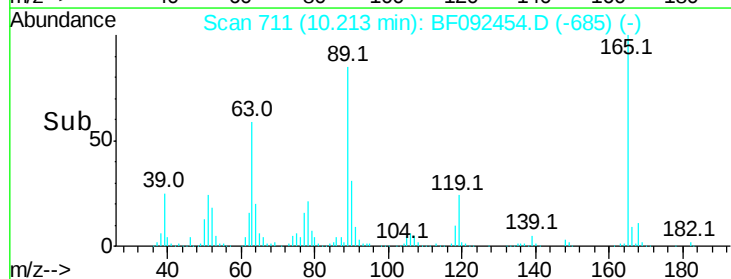
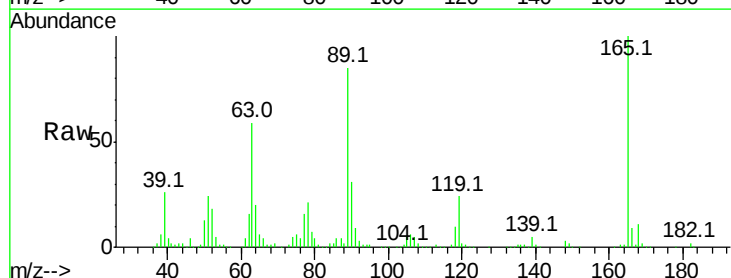
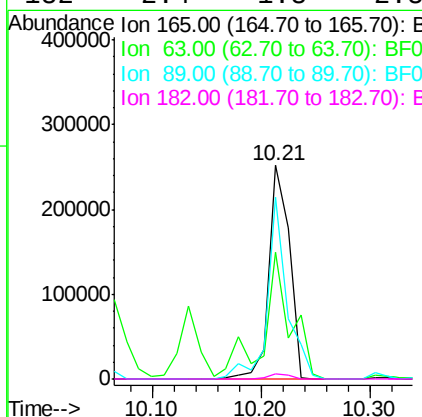
Manual Integrations
APPROVED

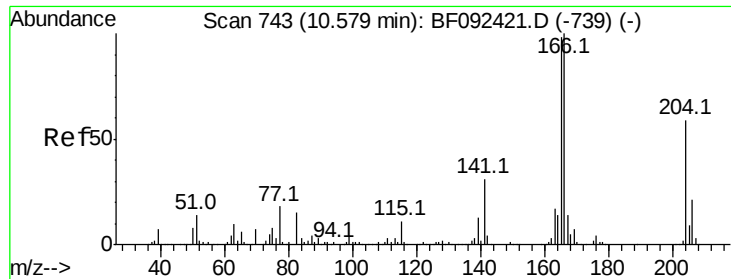
mohammad
1/25/2017 3:50:20 PM



#56
2,4-Dinitrotoluene
Concen: 53.29 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	328839		
63	59.2	40.2	60.4	
89	85.2	62.5	93.7	
182	2.4	1.8	2.8	





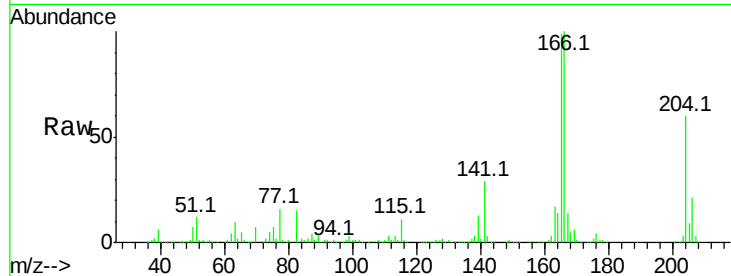
#57
Fluorene
 Concen: 46.03 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	891902		
165	99.2	77.8	116.8	
167	13.7	10.8	16.2	

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:50:20 PM

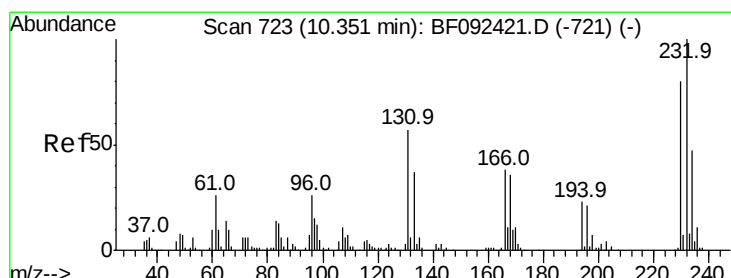
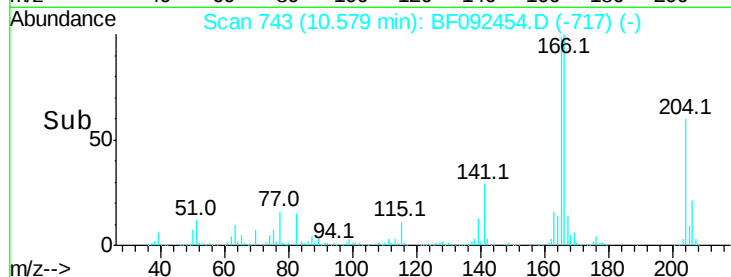
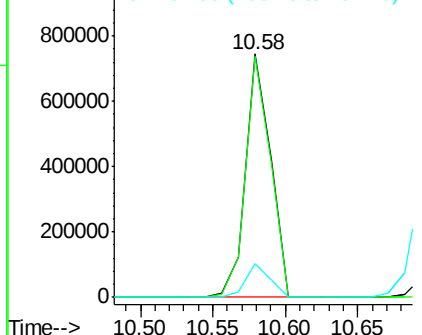


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.99 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	246340		
131	48.5	40.1	60.1	
130	2.1	1.8	2.8	
166	31.8	26.6	39.8	

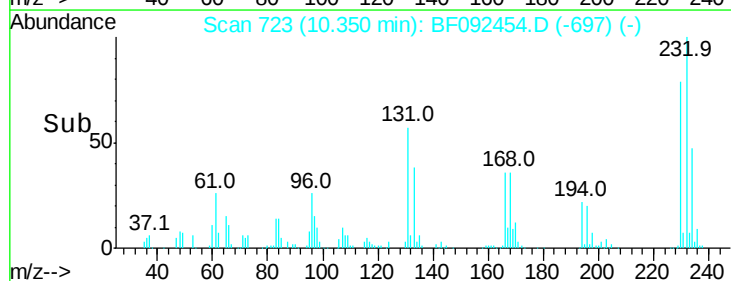
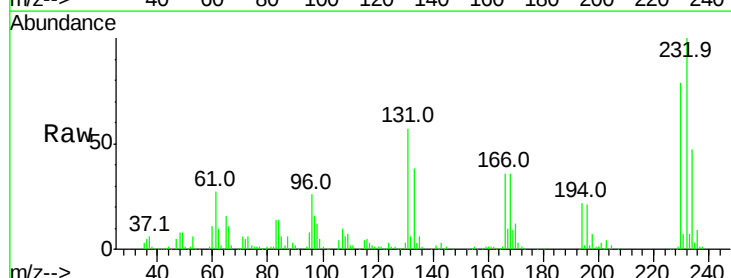
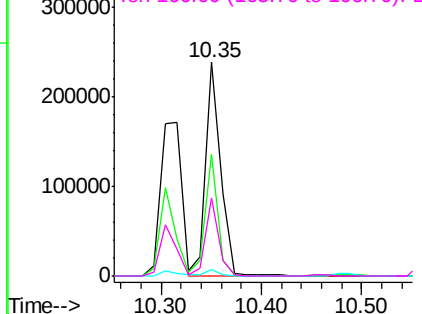
Abundance

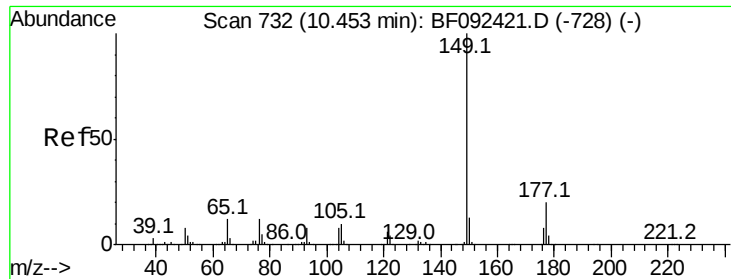
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





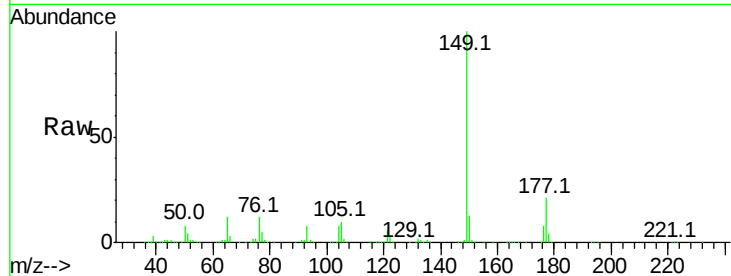
#59
Diethylphthalate
Concen: 51.23 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

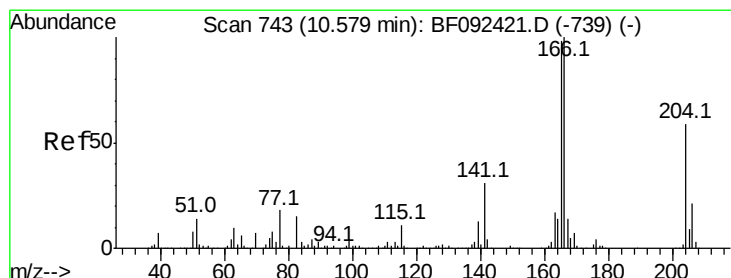
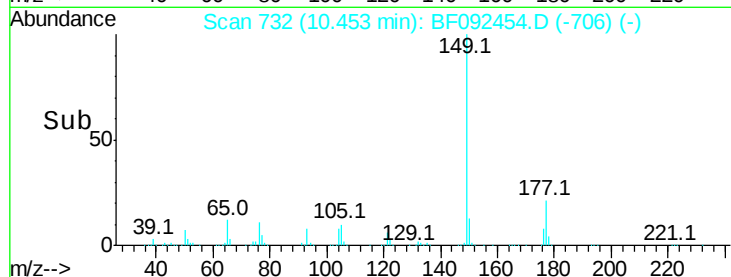
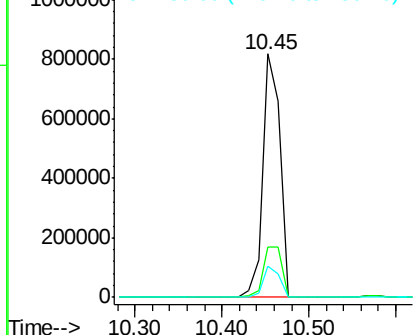
Tot Ion:149 Resp: 1117150
Ion Ratio Lower Upper
149 100
177 20.7 16.6 25.0
150 12.7 10.4 15.6

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM

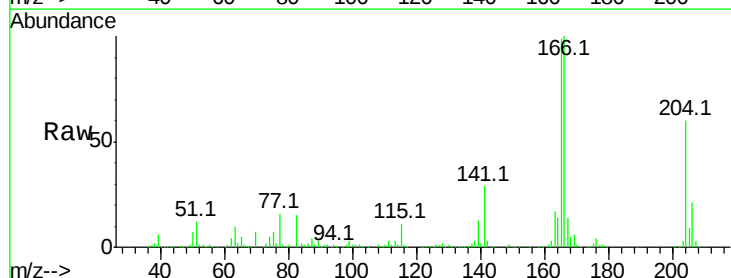


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

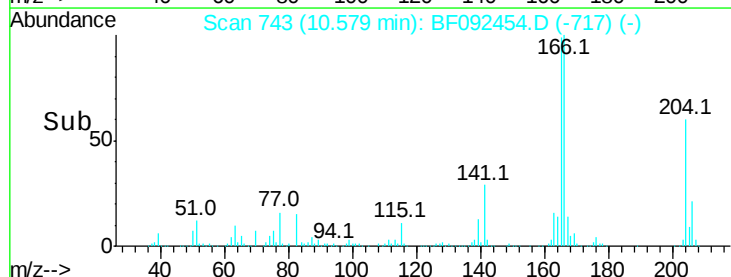
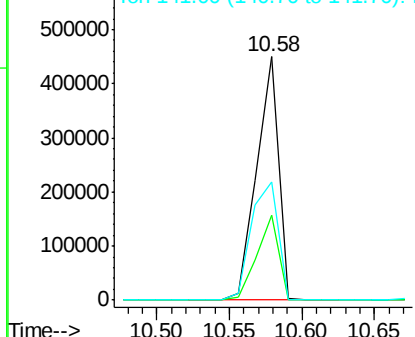


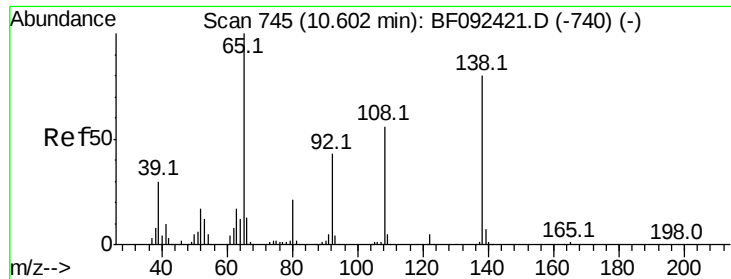
#60
4-Chlorophenyl-phenylether
Concen: 50.34 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion:204 Resp: 473060
Ion Ratio Lower Upper
204 100
206 35.0 25.8 38.6
141 48.7 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





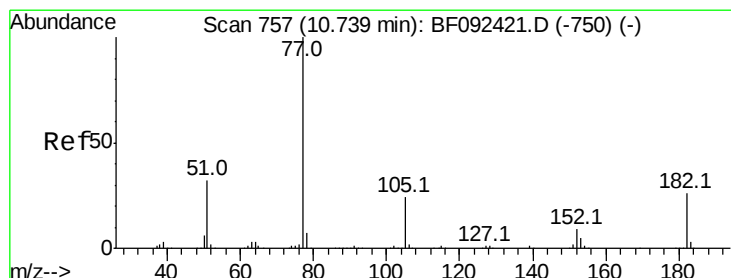
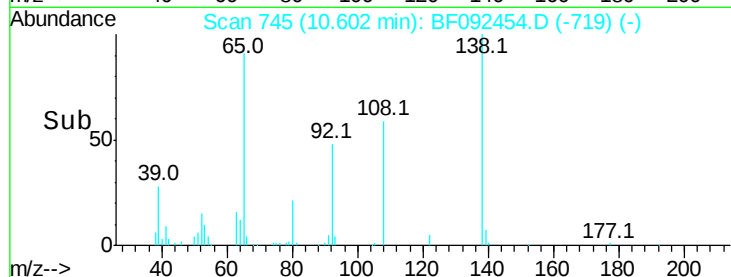
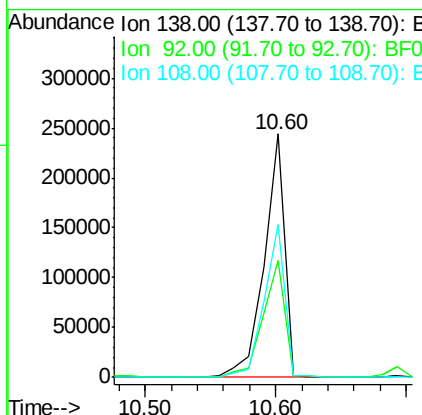
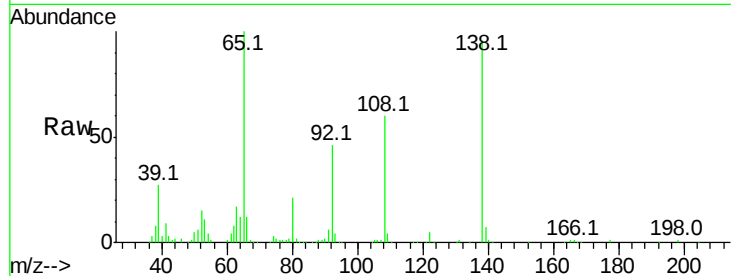
#61
4-Nitroaniline
Concen: 45.84 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	31.7	71.7
108	62.7	52.6	92.6

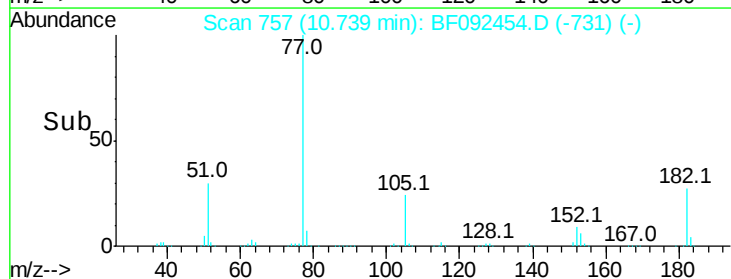
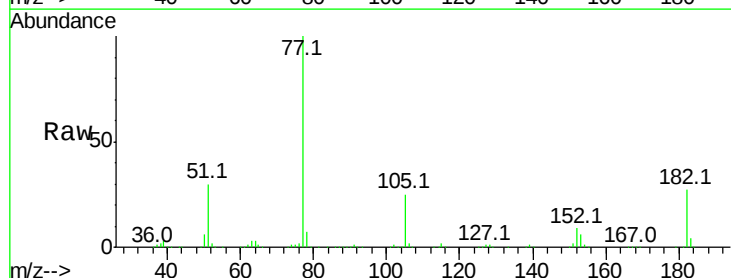
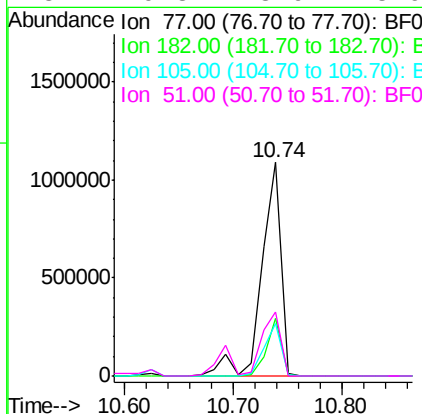
Manual Integrations
APPROVED

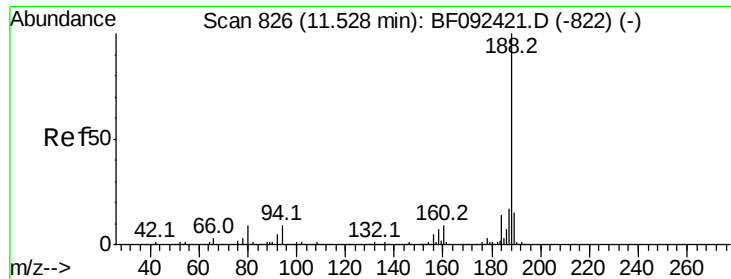
mohammad
1/25/2017 3:50:20 PM



#62
Azobenzene
Concen: 54.72 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	0.0	39.3
105	24.7	2.3	42.3
51	29.8	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

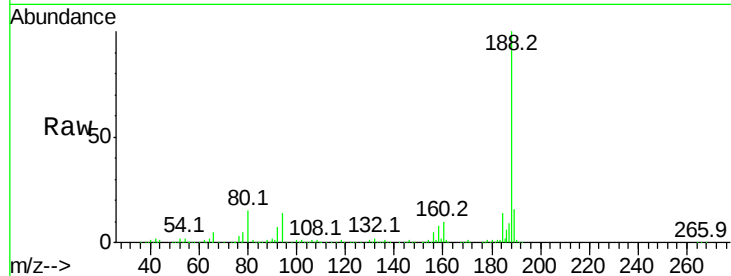
ClientSampleId :

WC-COMPOSITMSD

Tot Ion:188	Resp:	539674
Ion Ratio	Lower	Upper
188 100		
94 13.8	10.0	15.0
80 14.9	11.2	16.8

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM

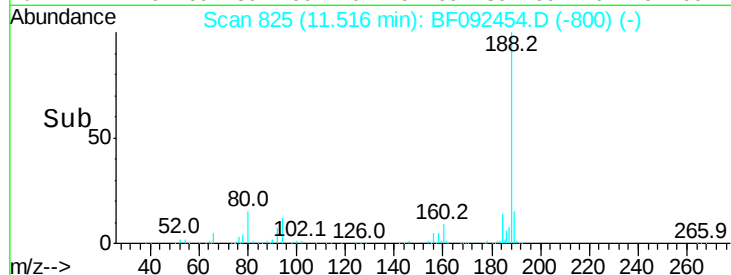


Abundance Ion 188.00 (187.70 to 188.70): E

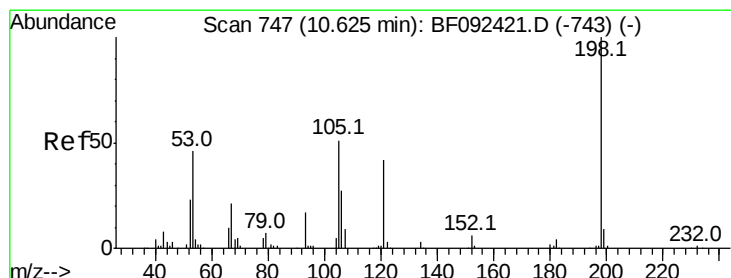
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 23.90 ng

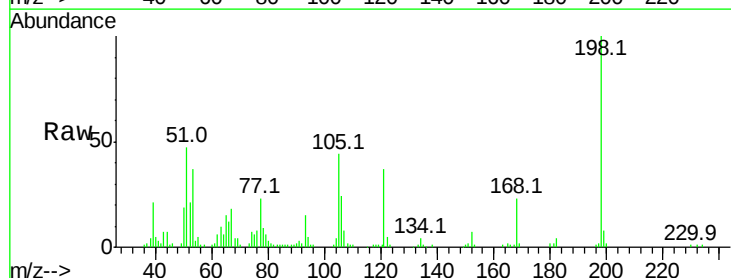
RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion:198	Resp:	61457
Ion Ratio	Lower	Upper
198 100		
51 47.4	6.7	46.7#
105 43.6	16.6	56.6

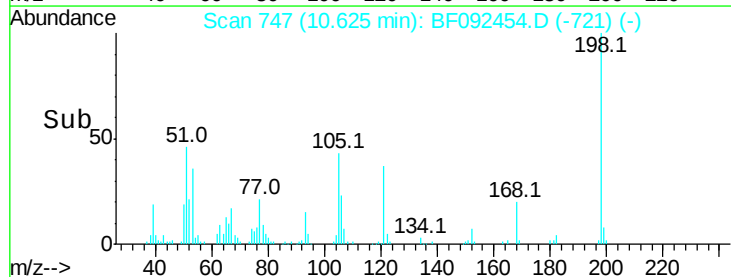


Abundance Ion 198.00 (197.70 to 198.70): E

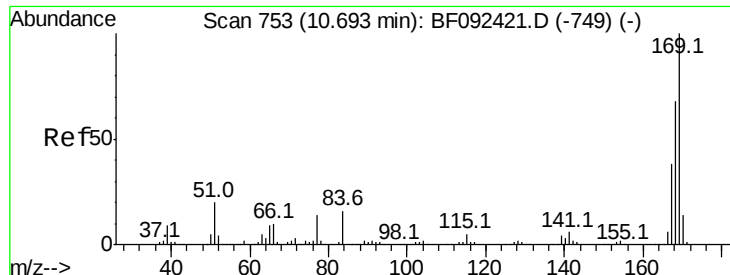
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 51.70 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITMSD

Tot Ion:169 Resp: 871368

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

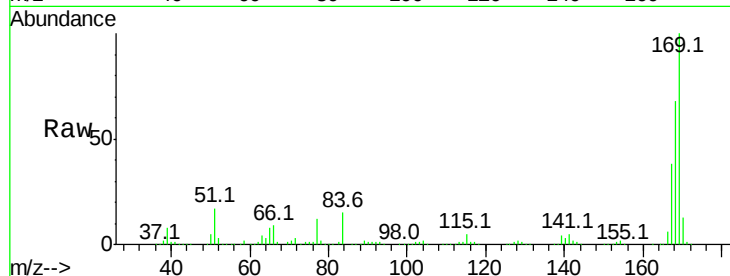
167 38.1 30.2 45.4

Manual Integrations

APPROVED

mohammad

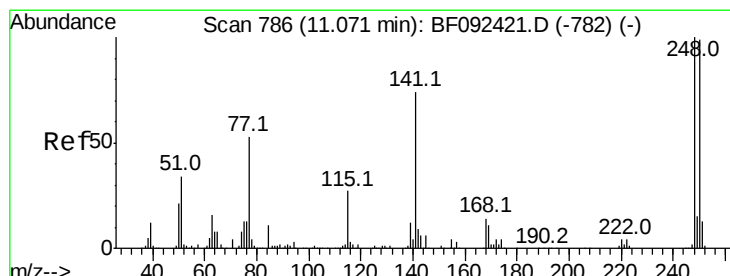
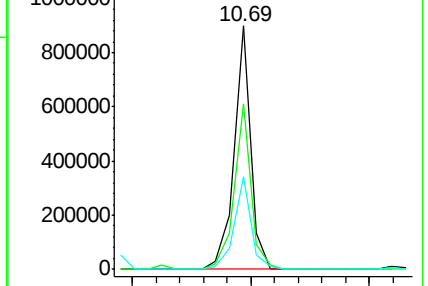
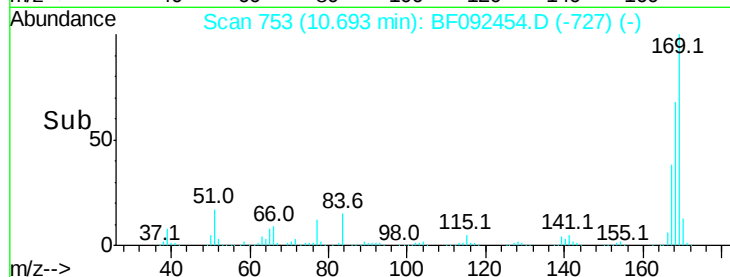
1/25/2017 3:50:20 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.14 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

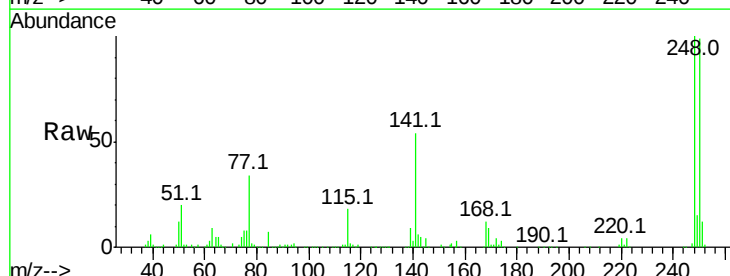
Tgt Ion:248 Resp: 294998

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

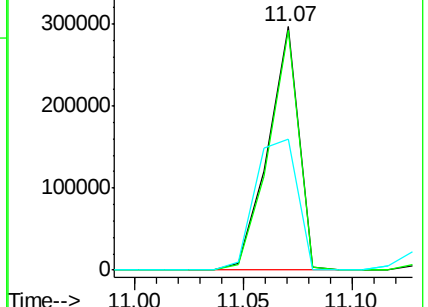
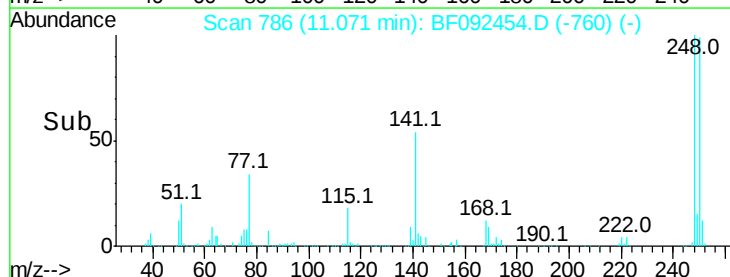
141 54.0 68.2 102.4#

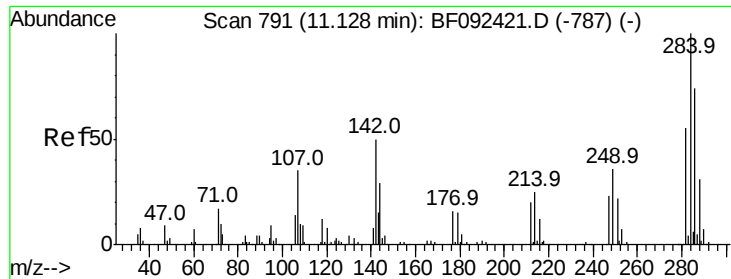


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





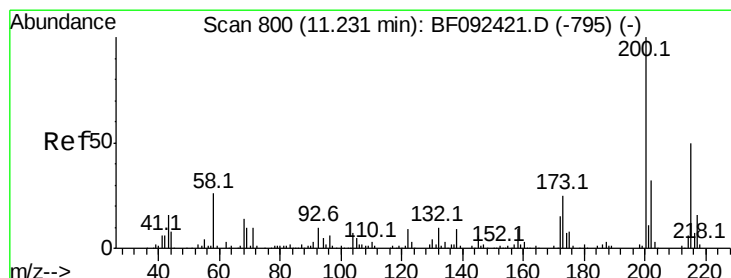
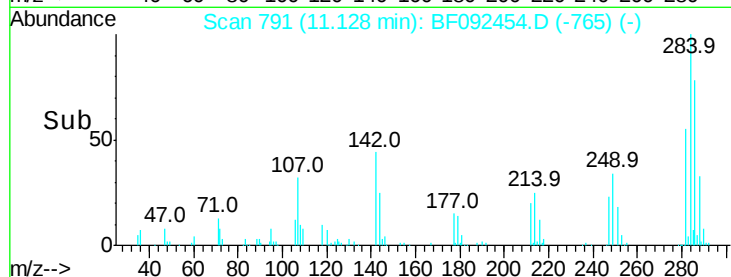
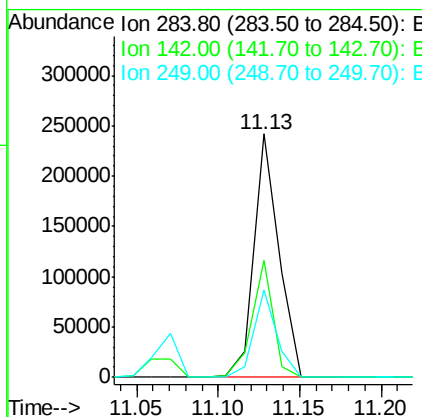
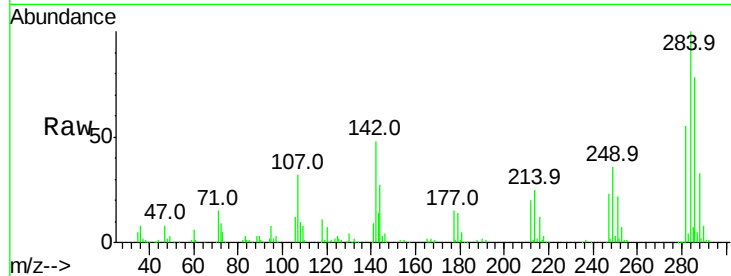
#67
Hexachlorobenzene
Concen: 46.55 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	48.0	22.6	33.8#
249	36.1	25.4	38.0

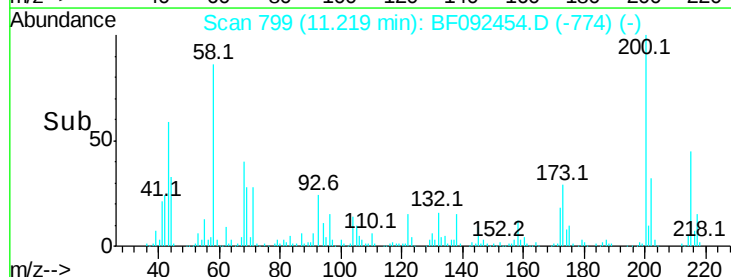
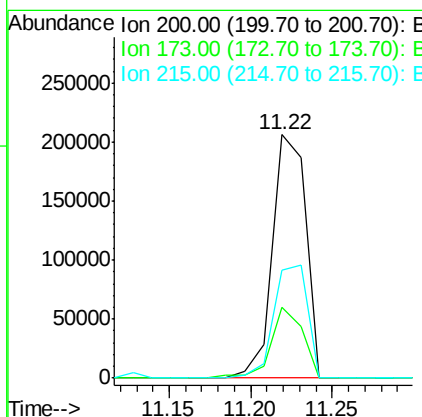
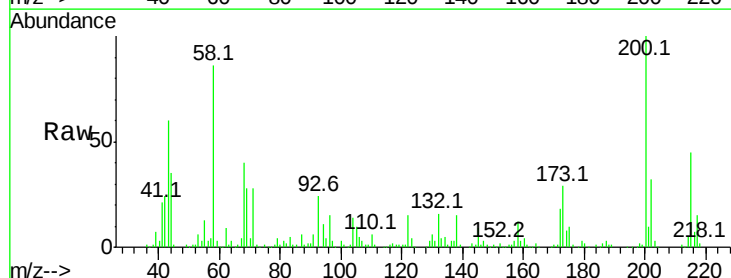
Manual Integrations
APPROVED

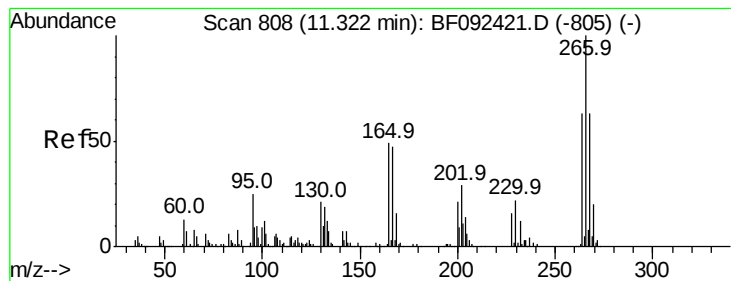
mohammad
1/25/2017 3:50:20 PM



#68
Atrazine
Concen: 50.87 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	9.6	49.6
215	44.6	25.7	65.7





#69

Pentachlorophenol

Concen: 74.22 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Tot Ion:266 Resp: 261378

Ion Ratio Lower Upper

266 100

268 63.7 53.3 79.9

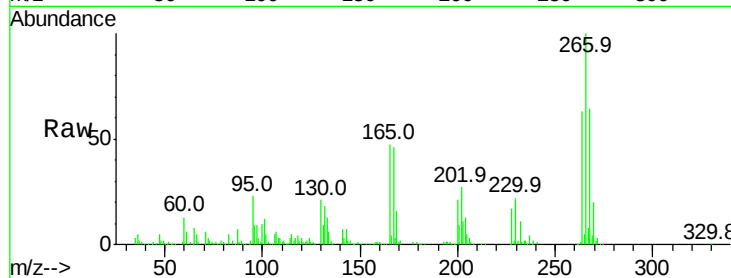
264 62.7 50.3 75.5

Manual Integrations

APPROVED

mohammad

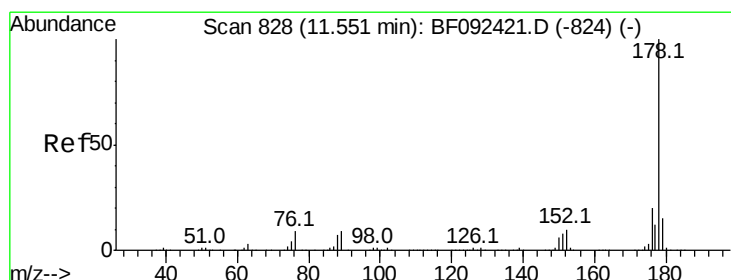
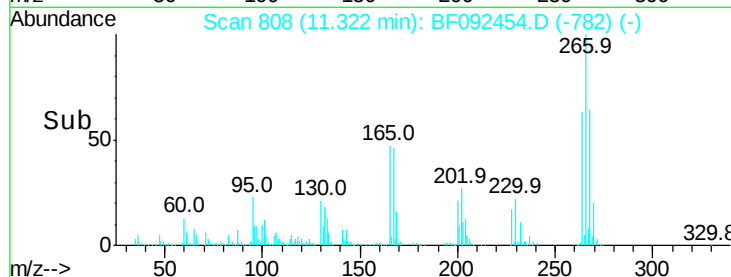
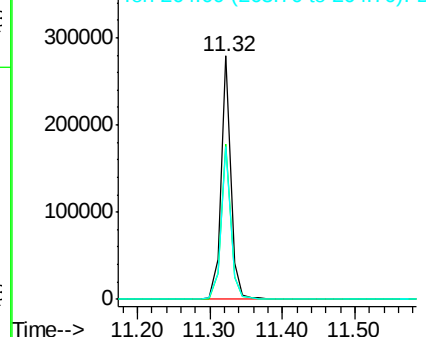
1/25/2017 3:50:20 PM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 52.08 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

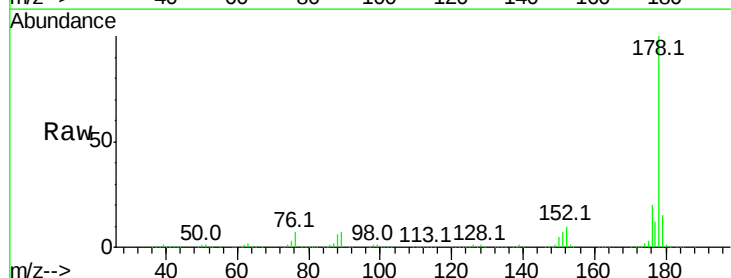
Tgt Ion:178 Resp: 1547825

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

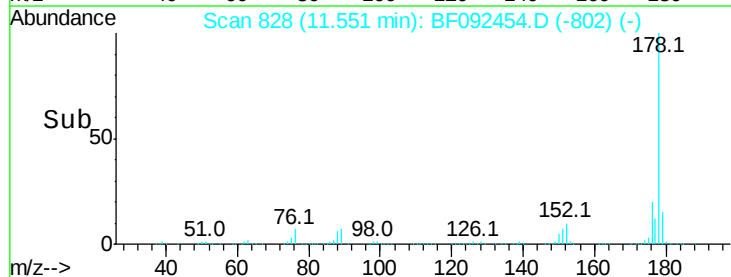
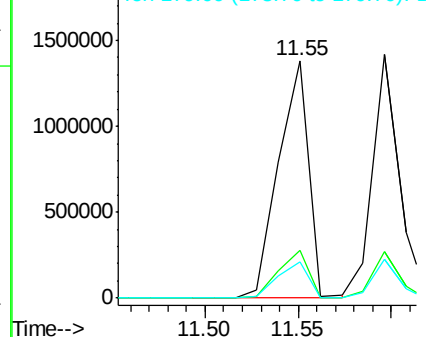
179 15.4 12.8 19.2

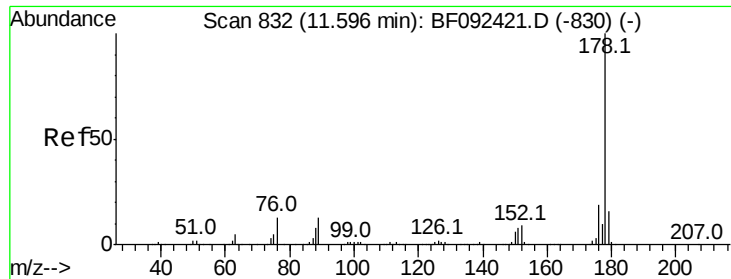


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 47.66 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

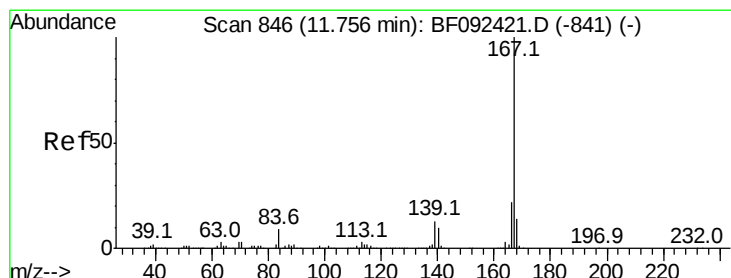
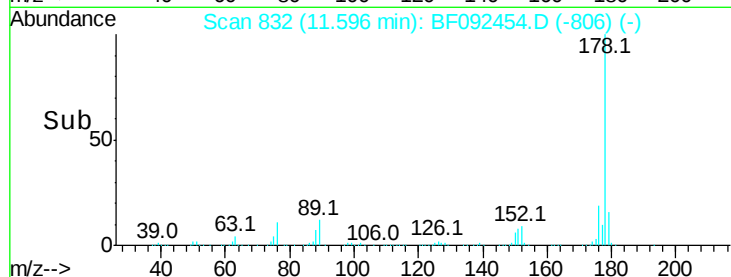
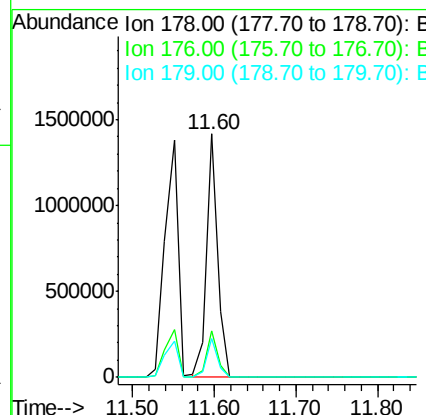
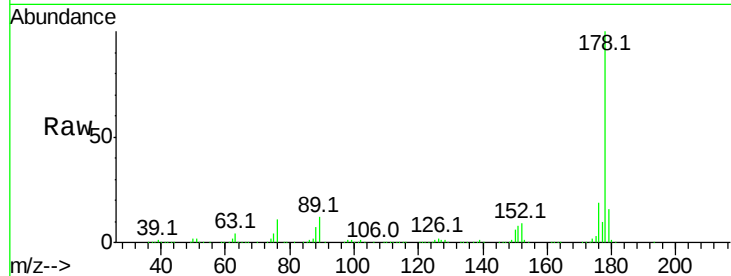
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITEMSD

Tot Ion:178 Resp: 1384174

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.9	13.2	19.8

Manual Integrations
 APPROVED

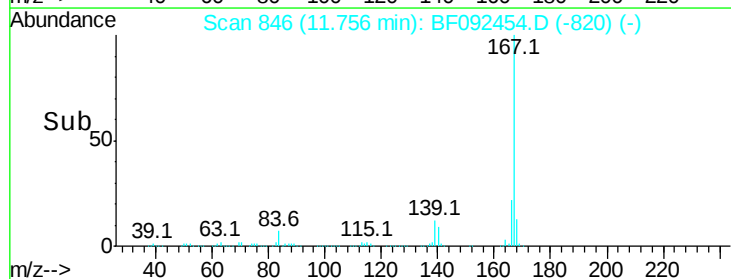
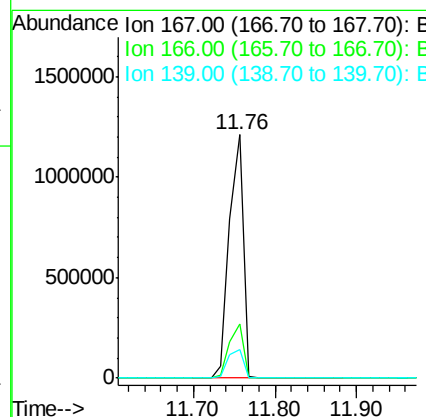
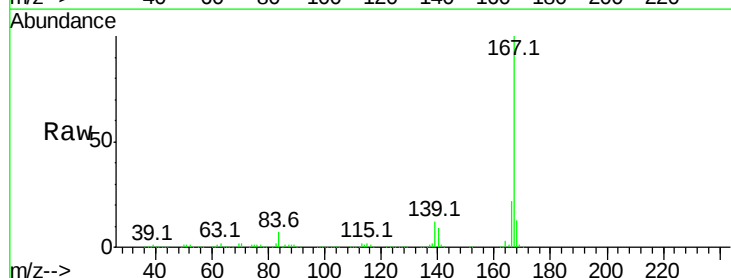
mohammad
 1/25/2017 3:50:20 PM

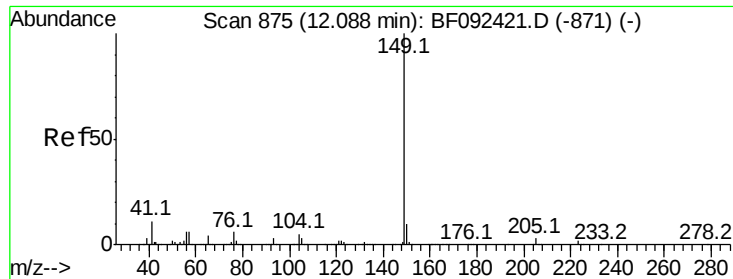


#72
 Carbazole
 Concen: 51.53 ng
 RT: 11.76 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion:167 Resp: 1429039

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	11.8	11.4	17.2





#73

Di-n-butylphthalate

Concen: 54.78 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

ClientSampleId :

WC-COMPOSITEMSD

Tot Ion:149 Resp: 1737207

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

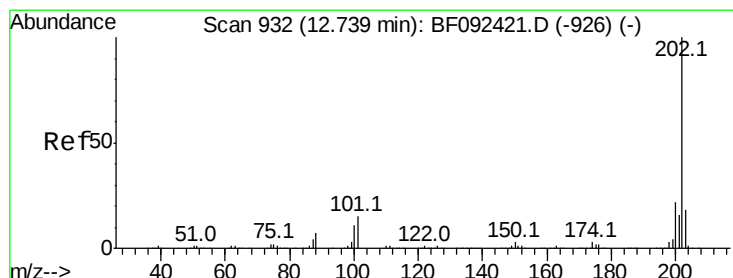
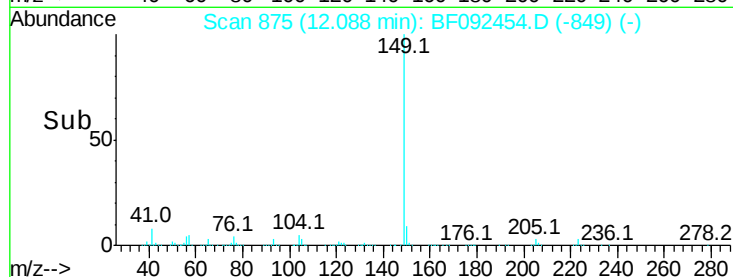
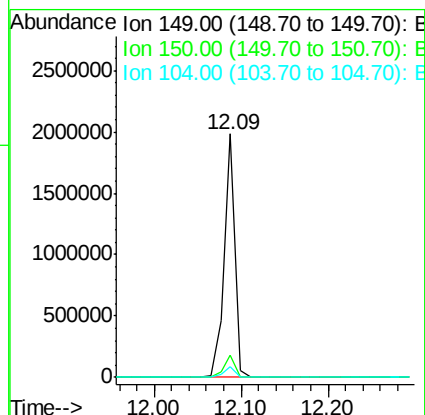
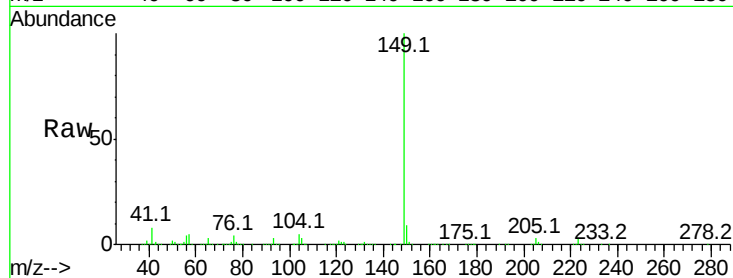
104 4.5 4.6 7.0#

Manual Integrations

APPROVED

mohammad

1/25/2017 3:50:20 PM



#74

Fluoranthene

Concen: 45.49 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

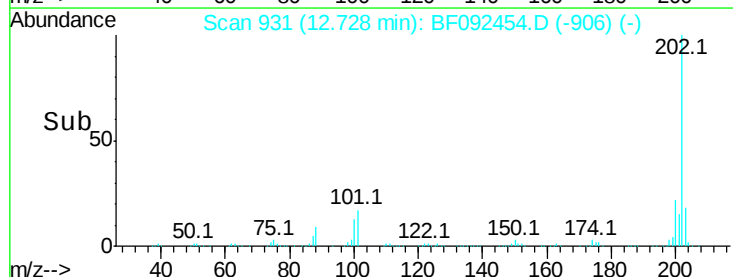
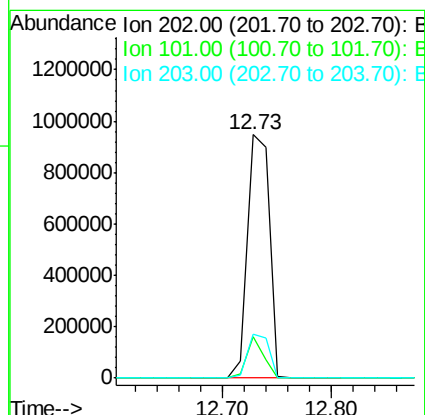
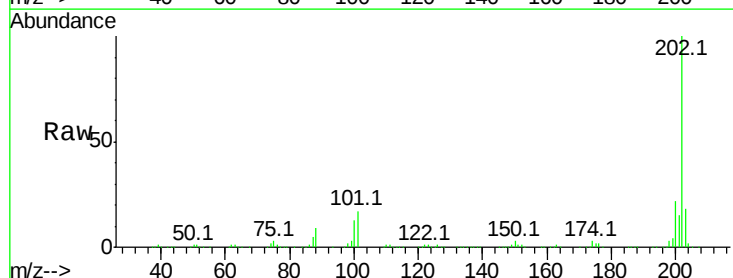
Tgt Ion:202 Resp: 1322260

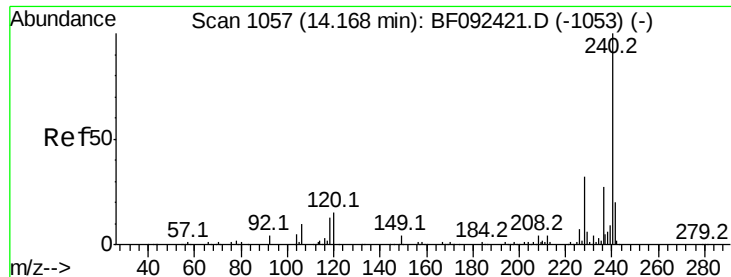
Ion Ratio Lower Upper

202 100

101 16.9 0.0 34.6

203 18.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Instrument :

BNA_F

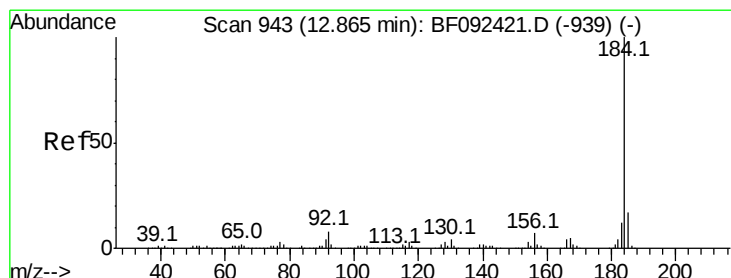
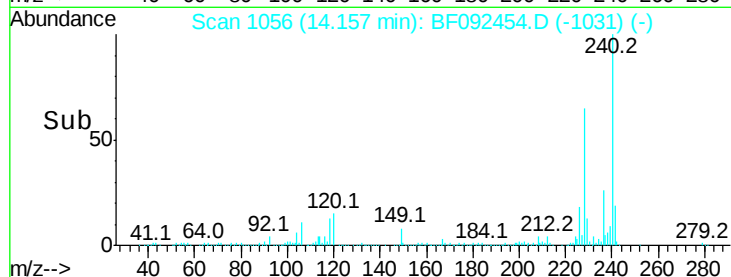
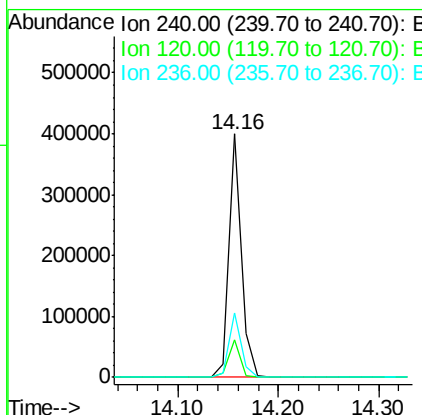
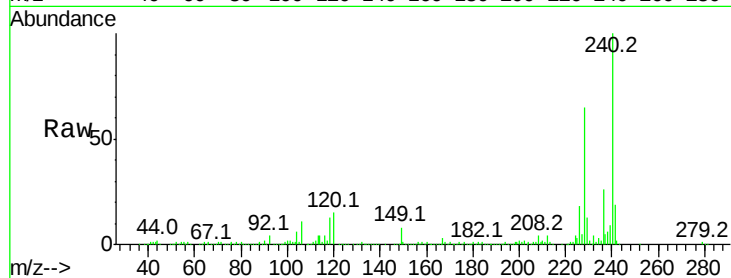
ClientSampleId :

WC-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.4	12.9	19.3	
236	26.2	20.9	31.3	

Manual Integrations
APPROVED

mohammad
1/25/2017 3:50:20 PM



#76

Benzidine

Concen: 16.87 ng

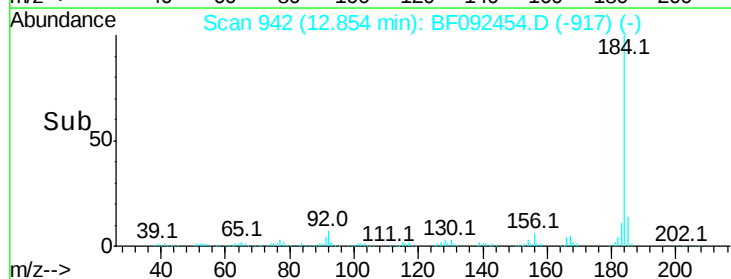
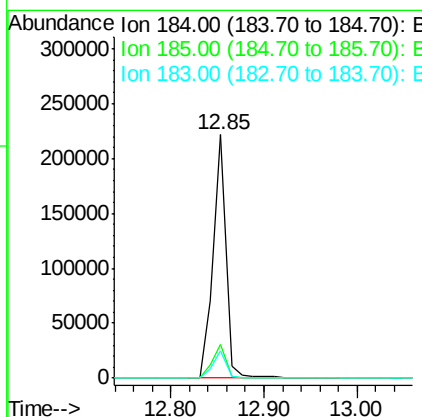
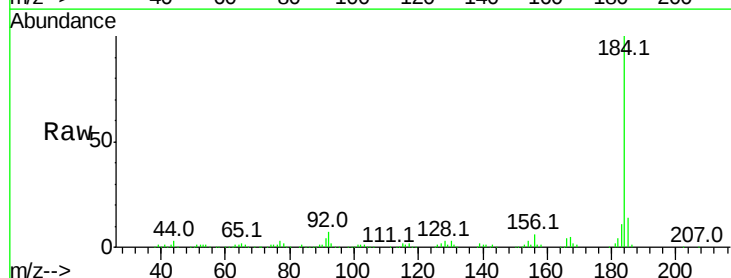
RT: 12.85 min Scan# 942

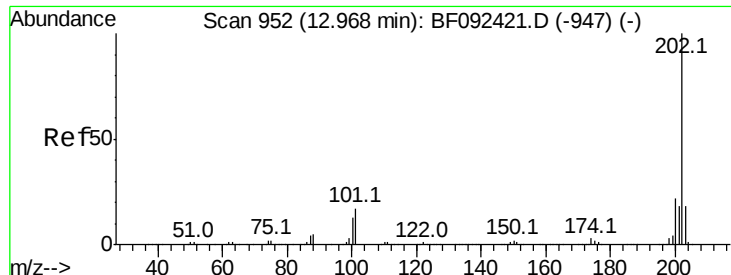
Delta R.T. -0.01 min

Lab File: BF092454.D

Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	13.4	20.0	
183	11.0	9.2	13.8	





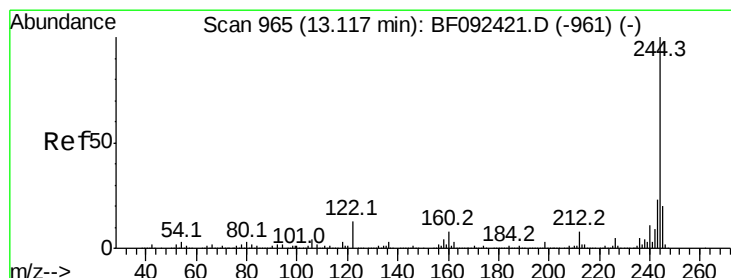
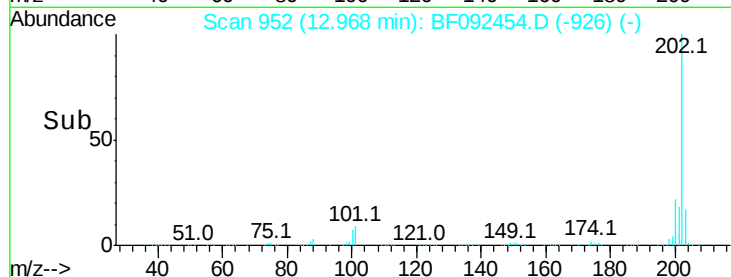
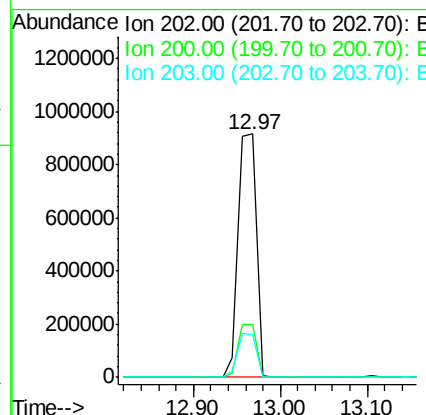
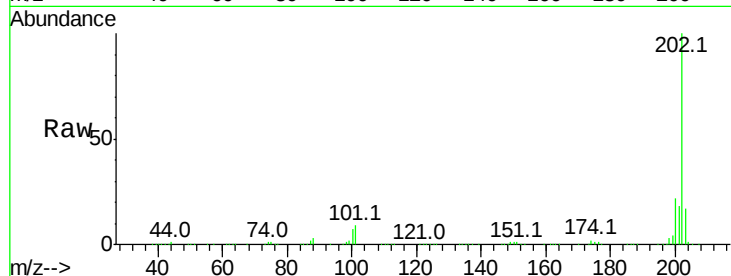
#77
Pvrene
Concen: 52.75 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.4	14.7	22.1

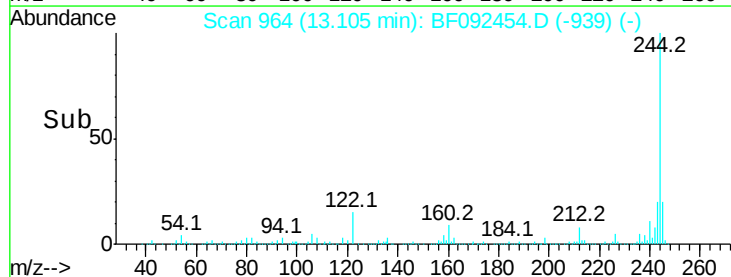
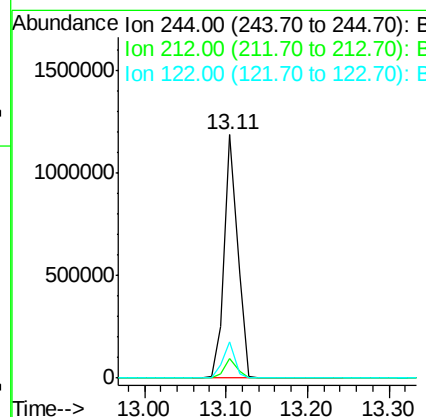
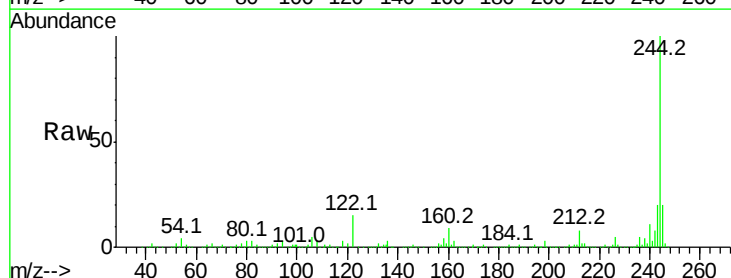
Manual Integrations
APPROVED

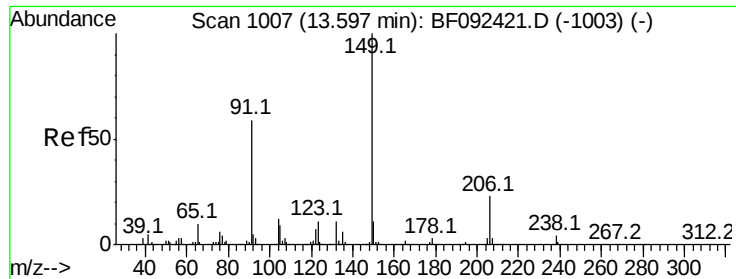
mohammad
1/25/2017 3:50:20 PM



#78
Terphenyl-d14
Concen: 104.98 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.7	11.4	17.2





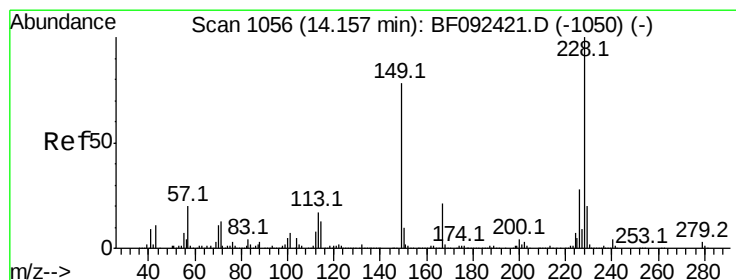
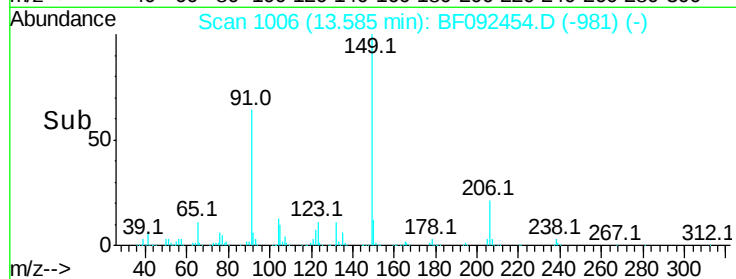
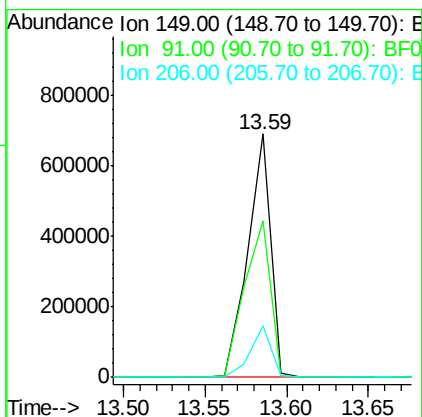
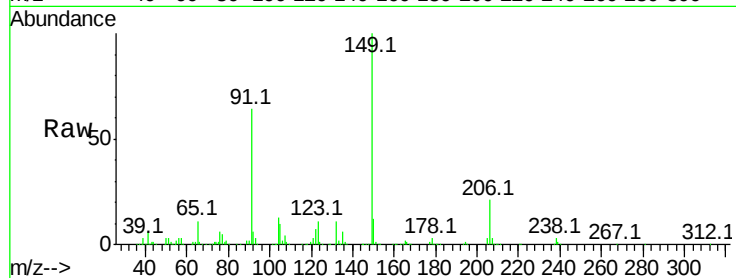
#79
Butylbenzylphthalate
Concen: 66.67 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	64.1	63.9	95.9
206	21.2	14.6	21.8

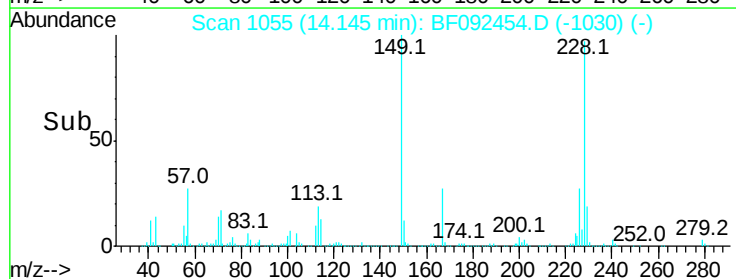
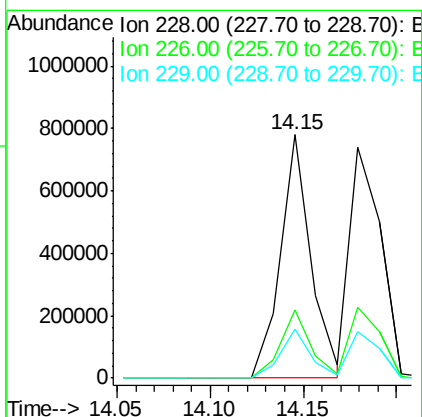
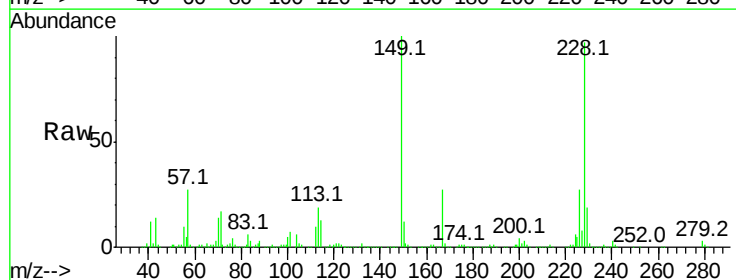
Manual Integrations
APPROVED

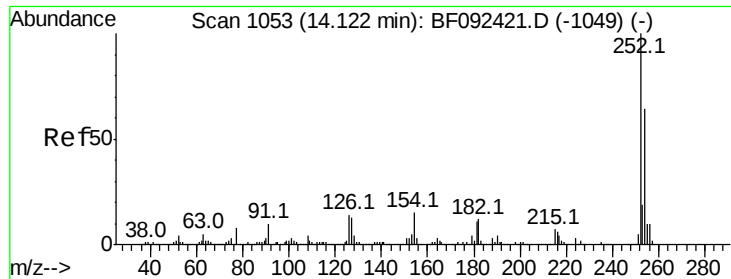
mohammad
1/25/2017 3:50:20 PM



#80
Benzo(a)anthracene
Concen: 48.13 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4





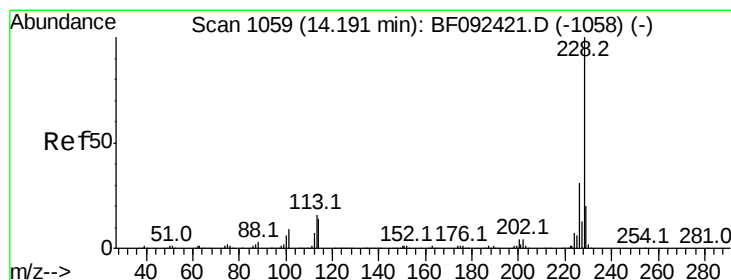
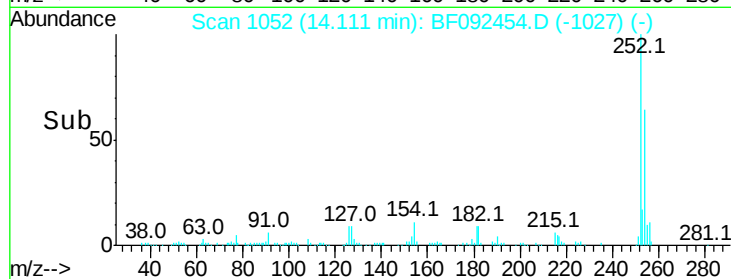
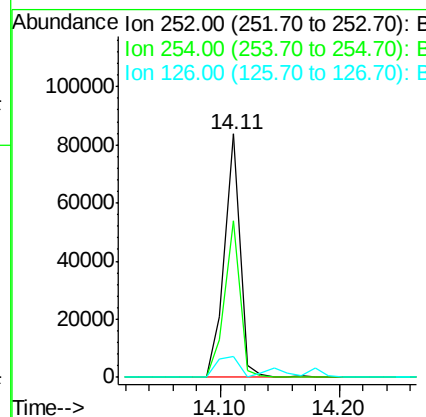
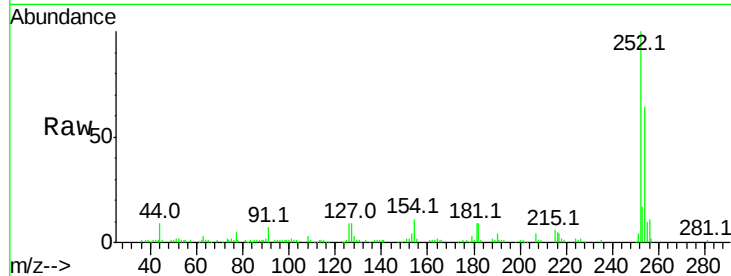
#81
 3,3'-Dichlorobenzidine
 Concen: 10.85 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	8.6	13.6	20.4

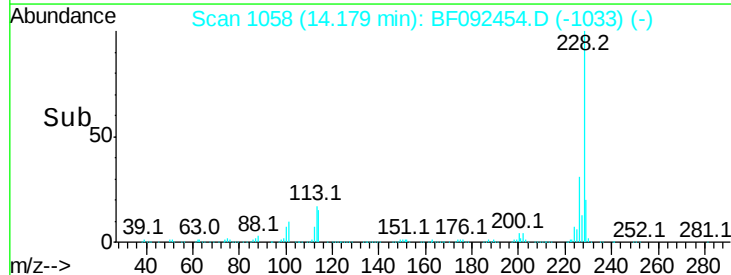
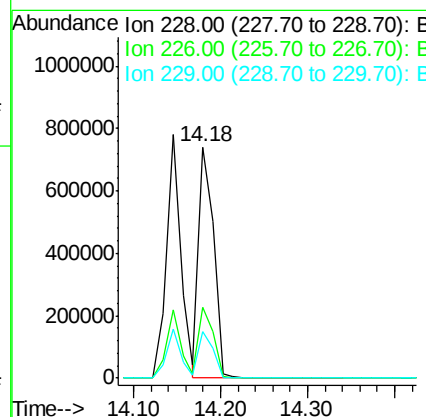
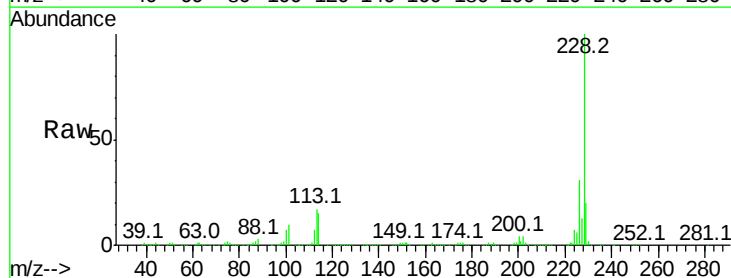
Manual Integrations
 APPROVED

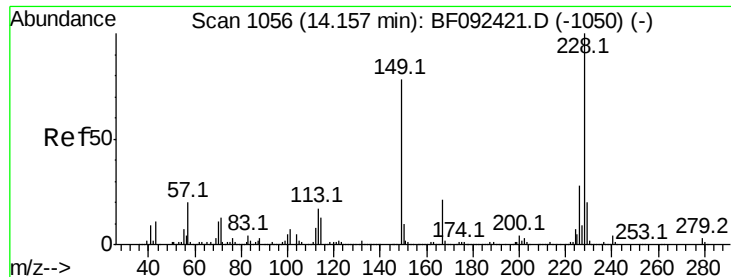
mohammad
 1/25/2017 3:50:20 PM



#82
 Chrysene
 Concen: 44.25 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.3	16.2	24.2





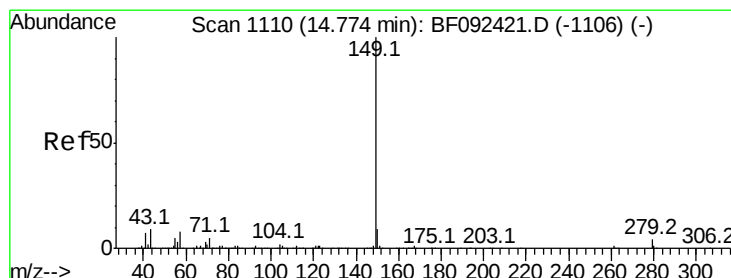
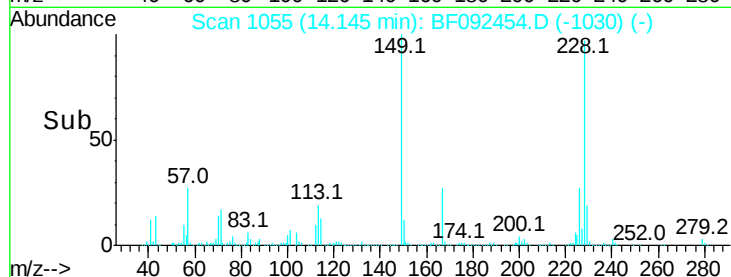
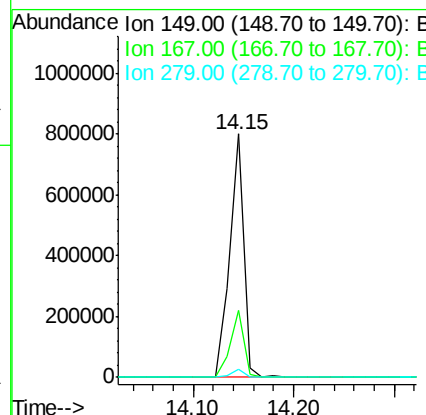
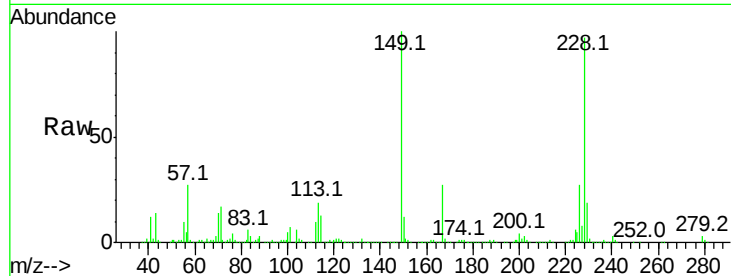
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.52 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	20.2	30.4	
279	3.2	1.8	2.8	

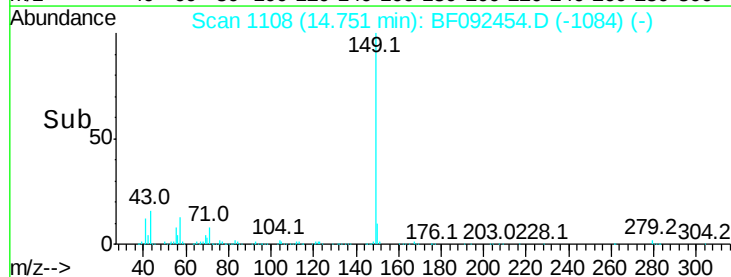
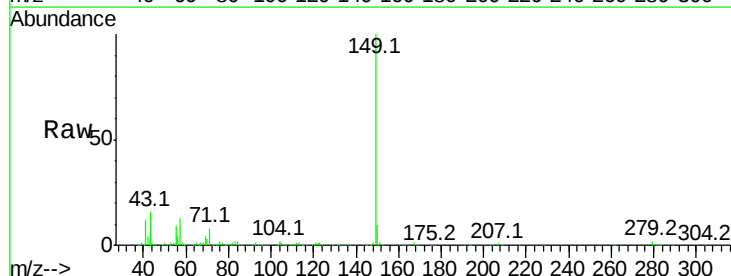
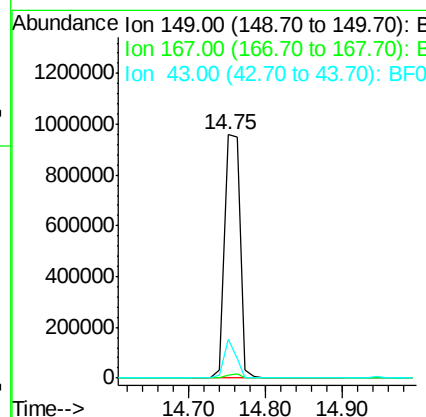
Manual Integrations
 APPROVED

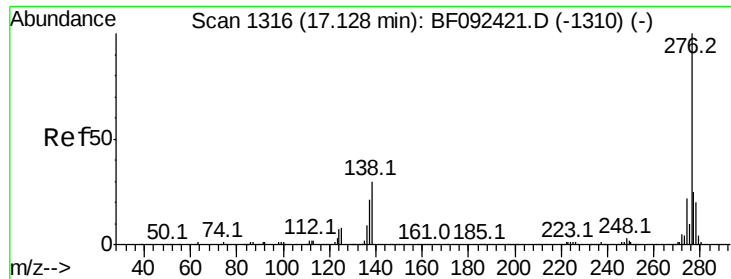
mohammad
 1/25/2017 3:50:20 PM



#84
 Di-n-octyl phthalate
 Concen: 59.26 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.3	1.9	
43	12.1	8.9	13.3	





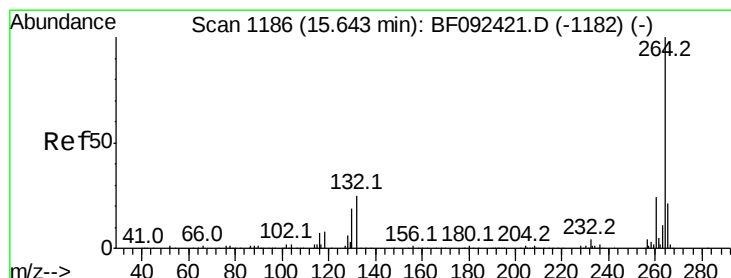
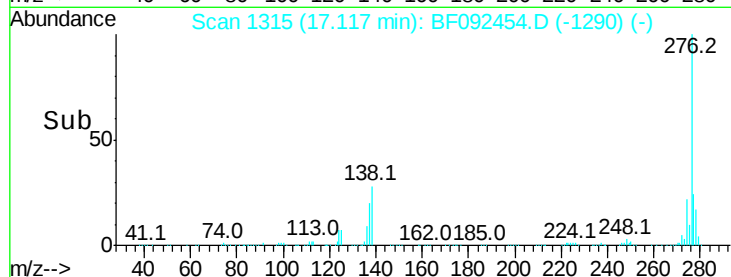
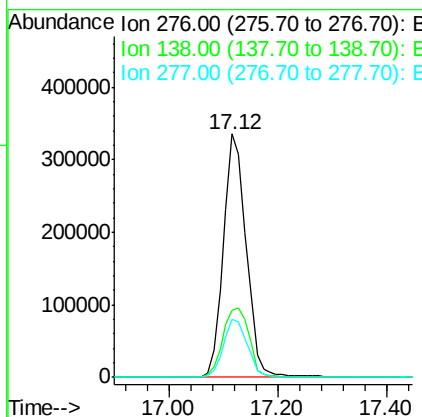
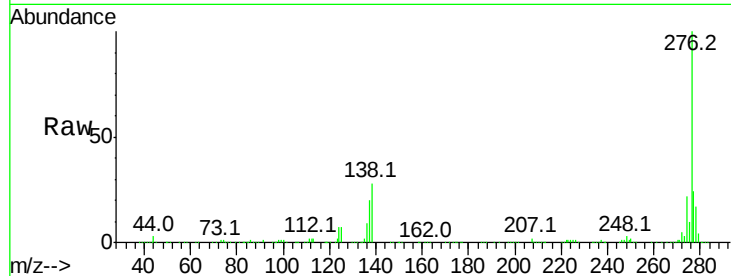
#85
Indeno(1,2,3-cd)pyrene
Concen: 67.28 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6
277	25.0	20.2	30.4

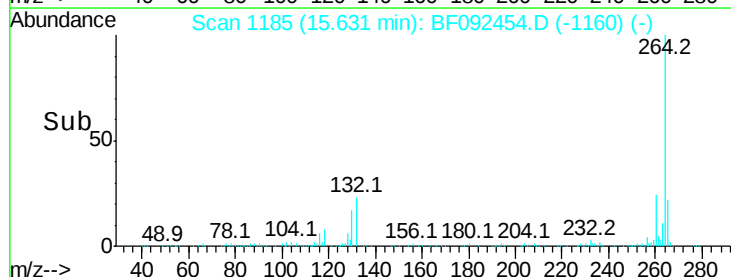
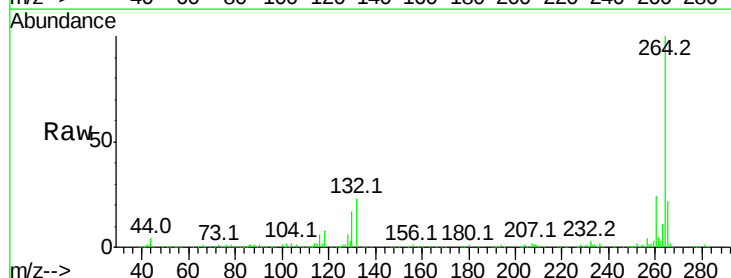
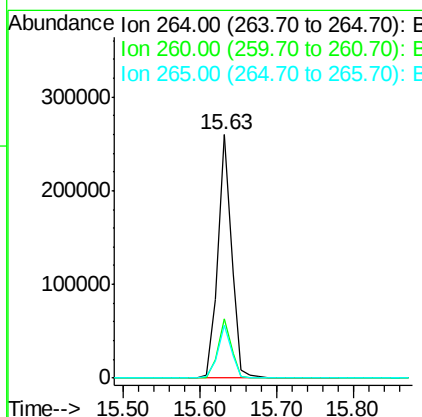
Manual Integrations
APPROVED

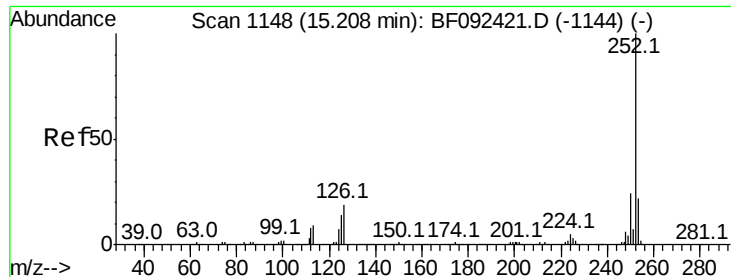
mohammad
1/25/2017 3:50:20 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.4	26.0





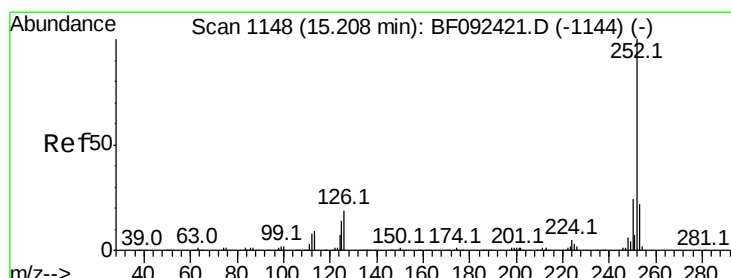
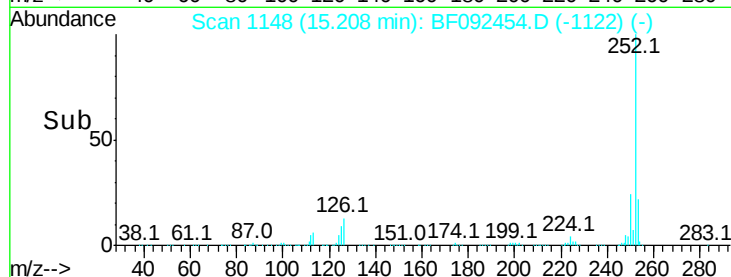
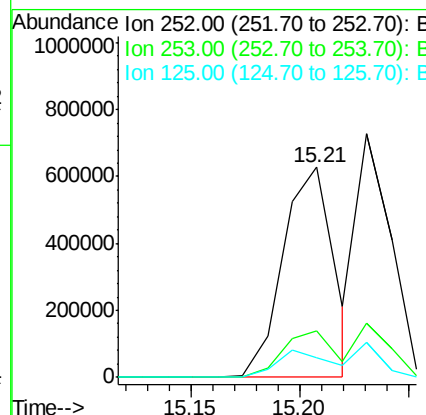
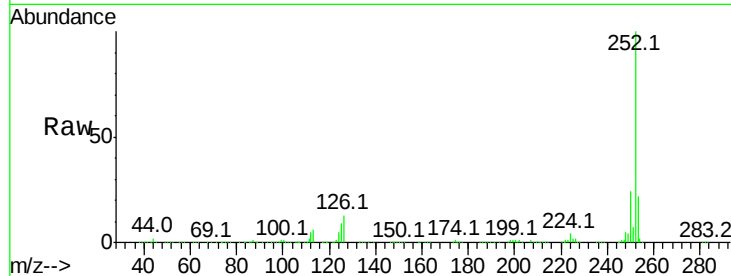
#87
Benzo(b)fluoranthene
Concen: 48.85 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.5	9.8	14.6

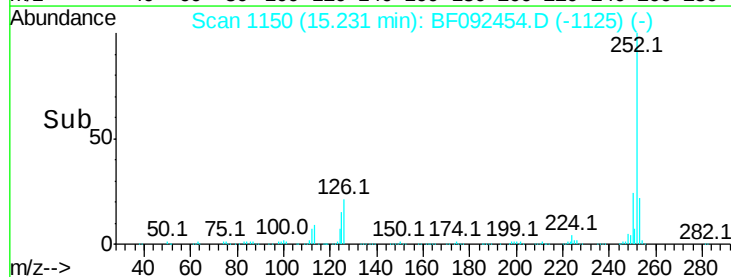
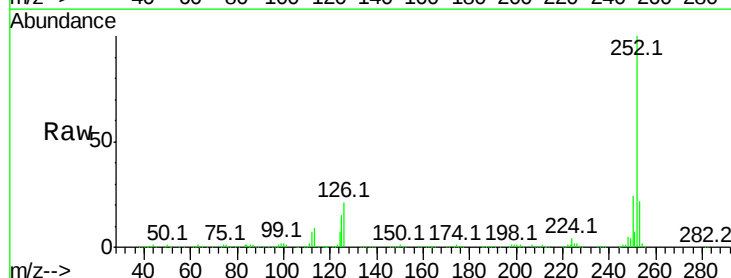
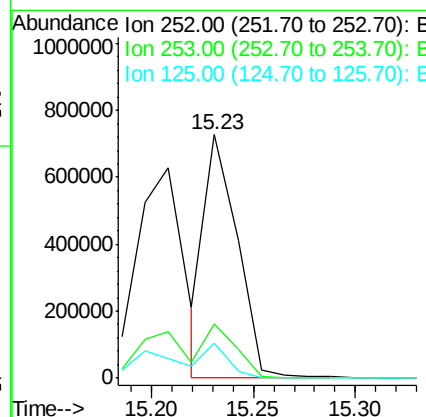
Manual Integrations
APPROVED

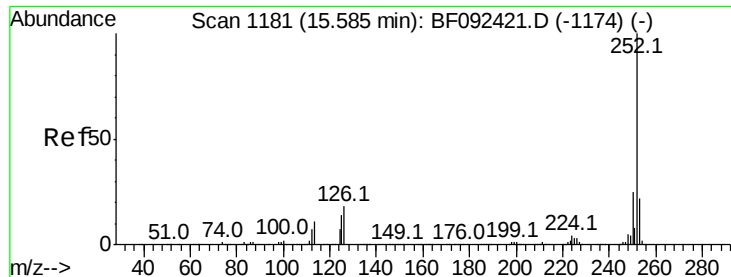
mohammad
1/25/2017 3:50:20 PM



#88
Benzo(k)fluoranthene
Concen: 46.55 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	14.6	8.9	13.3





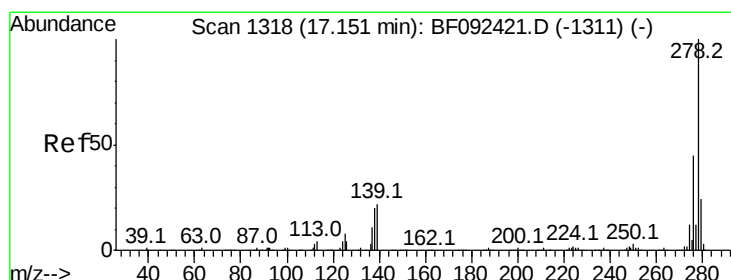
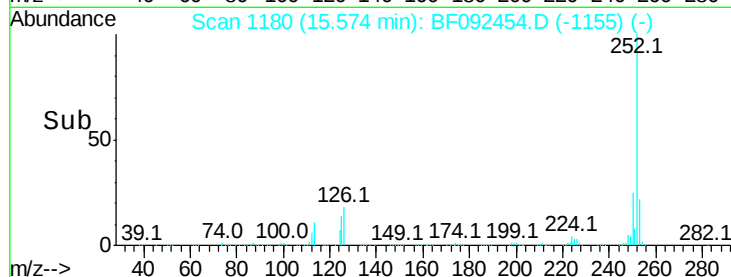
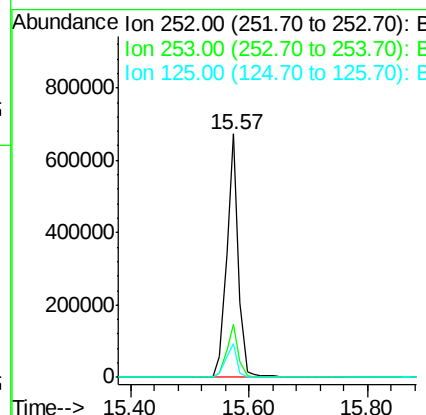
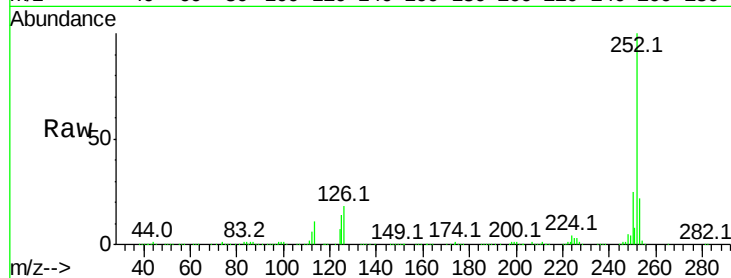
#89
Benzo(a)pyrene
Concen: 51.15 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	14.0	10.0	15.0

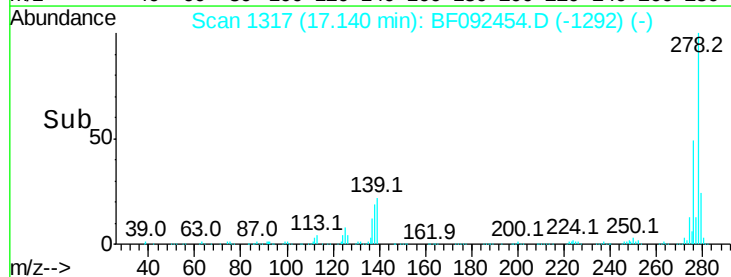
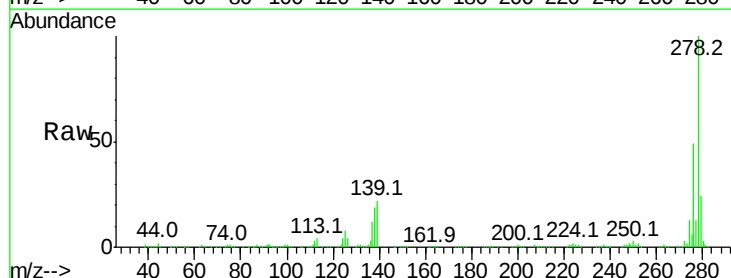
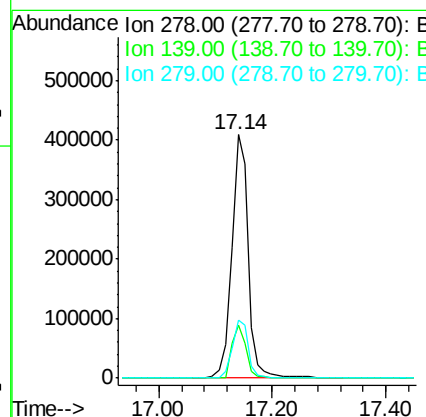
Manual Integrations
APPROVED

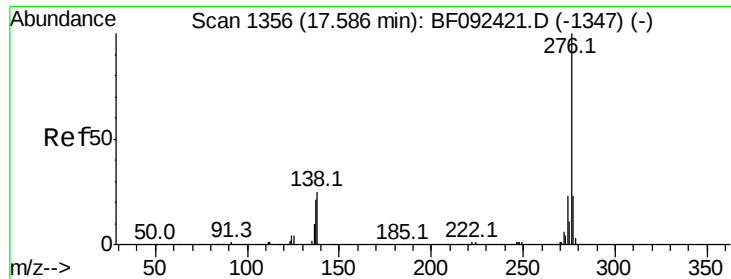
mohammad
1/25/2017 3:50:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 58.14 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092454.D
Acq: 25 Jan 2017 2:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.8	22.2
279	23.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 54.58 ng
 RT: 17.57 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF092454.D
 Acq: 25 Jan 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMPOSITEMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.2	28.8
138	27.5	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:50:20 PM

