

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092946.D
 Acq On : 14 Feb 2017 16:14
 Operator : SJ/MA
 Sample : I1792-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:00 AM

Quant Time: Feb 14 16:57:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	155851	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	655607	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	337670	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	528207	20.00	ng	0.00
75) Chrysene-d12	14.03	240	324820	20.00	ng	-0.02
86) Perylene-d12	15.47	264	300310	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1235607	136.02	ng	0.00
7) Phenol-d6	6.52	99	1629343	139.40	ng	-0.01
23) Nitrobenzene-d5	7.45	82	911590	77.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	285788	117.02	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1554561	83.41	ng	0.00
78) Terphenyl-d14	12.98	244	1131913	81.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	147457	30.04	ng	# 84
3) Pyridine	3.25	79	357472	28.64	ng	85
4) n-Nitrosodimethylamine	3.21	42	222717	38.00	ng	89
6) Aniline	6.54	93	335564	21.05	ng	# 83
8) 2-Chlorophenol	6.67	128	411537	41.06	ng	94
9) Benzaldehyde	6.43	77	99336	11.86	ng	93
10) Phenol	6.54	94	495442	36.23	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	427017	39.12	ng	96
12) 1,3-Dichlorobenzene	6.82	146	437901m	37.31	ng	
13) 1,4-Dichlorobenzene	6.90	146	472174	39.74	ng	95
14) 1,2-Dichlorobenzene	7.05	146	397483	34.99	ng	98
15) Benzyl Alcohol	7.02	79	324173	37.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	701736	37.00	ng	94
17) 2-Methylphenol	7.14	107	348468	40.53	ng	97
18) Hexachloroethane	7.39	117	149218	36.79	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	275568	37.04	ng	95
20) 3+4-Methylphenols	7.30	107	405514	39.45	ng	97
22) Acetophenone	7.30	105	541073	36.15	ng	# 90
24) Nitrobenzene	7.47	77	494329	40.89	ng	90
25) Isophorone	7.71	82	825775	37.64	ng	98
26) 2-Nitrophenol	7.78	139	216436	37.66	ng	93
27) 2,4-Dimethylphenol	7.82	122	391619	38.80	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	496523	34.17	ng	98
29) 2,4-Dichlorophenol	8.03	162	375611	39.91	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	378595	37.33	ng	98
31) Naphthalene	8.19	128	1209217	36.38	ng	99
32) Benzoic acid	7.90	122	36745	12.63	ng	95
33) 4-Chloroaniline	8.24	127	159360	12.23	ng	98
34) Hexachlorobutadiene	8.30	225	202036	36.20	ng	99
35) Caprolactam	8.60	113	104134	35.17	ng	# 40
36) 4-Chloro-3-methylphenol	8.73	107	367262	37.43	ng	96
37) 2-Methylnaphthalene	8.88	142	760670	35.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	347114	36.62	ng	99
40) Hexachlorocyclopentadiene	9.02	237	224206	52.43	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092946.D
 Acq On : 14 Feb 2017 16:14
 Operator : SJ/MA
 Sample : I1792-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:00 AM

Quant Time: Feb 14 16:57:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	250752	40.26	ng	95
43) 2,4,5-Trichlorophenol	9.21	196	245940	36.04	ng #	83
45) 1,1'-Biphenyl	9.34	154	959228	39.23	ng	100
46) 2-Chloronaphthalene	9.37	162	771319	40.33	ng	97
47) 2-Nitroaniline	9.46	65	228951	35.60	ng	93
48) Acenaphthylene	9.78	152	1122886	33.98	ng	99
49) Dimethylphthalate	9.64	163	1021792	44.93	ng	99
50) 2,6-Dinitrotoluene	9.71	165	210008	42.76	ng #	82
51) Acenaphthene	9.95	154	678273	34.33	ng	97
52) 3-Nitroaniline	9.87	138	132249	23.53	ng	100
53) 2,4-Dinitrophenol	9.98	184	127241	52.64	ng #	91
54) Dibenzofuran	10.12	168	993450	37.60	ng	95
55) 4-Nitrophenol	10.04	139	254438	62.85	ng	93
56) 2,4-Dinitrotoluene	10.11	165	259500	39.68	ng	90
57) Fluorene	10.46	166	785501	38.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	191398	42.04	ng	94
59) Diethylphthalate	10.34	149	804841	37.55	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	330385	33.83	ng	93
61) 4-Nitroaniline	10.49	138	178267	30.96	ng	93
62) Azobenzene	10.61	77	872134	39.38	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	121391	38.33	ng	86
65) n-Nitrosodiphenylamine	10.58	169	715580	42.41	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	214160	38.81	ng	93
67) Hexachlorobenzene	11.01	284	214483	39.33	ng #	92
68) Atrazine	11.10	200	222370	41.07	ng	97
69) Pentachlorophenol	11.21	266	214656	76.59	ng	98
70) Phenanthrene	11.42	178	1134544	37.49	ng	99
71) Anthracene	11.47	178	1091992	35.93	ng	98
72) Carbazole	11.63	167	930848	32.04	ng	99
73) Di-n-butylphthalate	11.96	149	1330786	42.36	ng #	96
74) Fluoranthene	12.61	202	1107994	35.50	ng	90
76) Benzidine	12.73	184	278205	20.10	ng	97
77) Pyrene	12.84	202	1069343	43.99	ng	98
79) Butylbenzylphthalate	13.45	149	433461	43.91	ng	95
80) Benzo(a)anthracene	14.02	228	693274	34.90	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	160132	22.61	ng #	95
82) Chrysene	14.05	228	641962	34.51	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	558464	41.37	ng	99
84) Di-n-octyl phthalate	14.63	149	874404	39.78	ng	100
85) Indeno(1,2,3-cd)pyrene	16.89	276	772355	53.61	ng	95
87) Benzo(b)fluoranthene	15.06	252	750841m	37.99	ng	
88) Benzo(k)fluoranthene	15.08	252	558598m	32.73	ng	
89) Benzo(a)pyrene	15.41	252	651289	38.09	ng	98
90) Dibenzo(a,h)anthracene	16.90	278	620966	44.94	ng	96
91) Benzo(g,h,i)perylene	17.32	276	676232	48.44	ng #	95

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

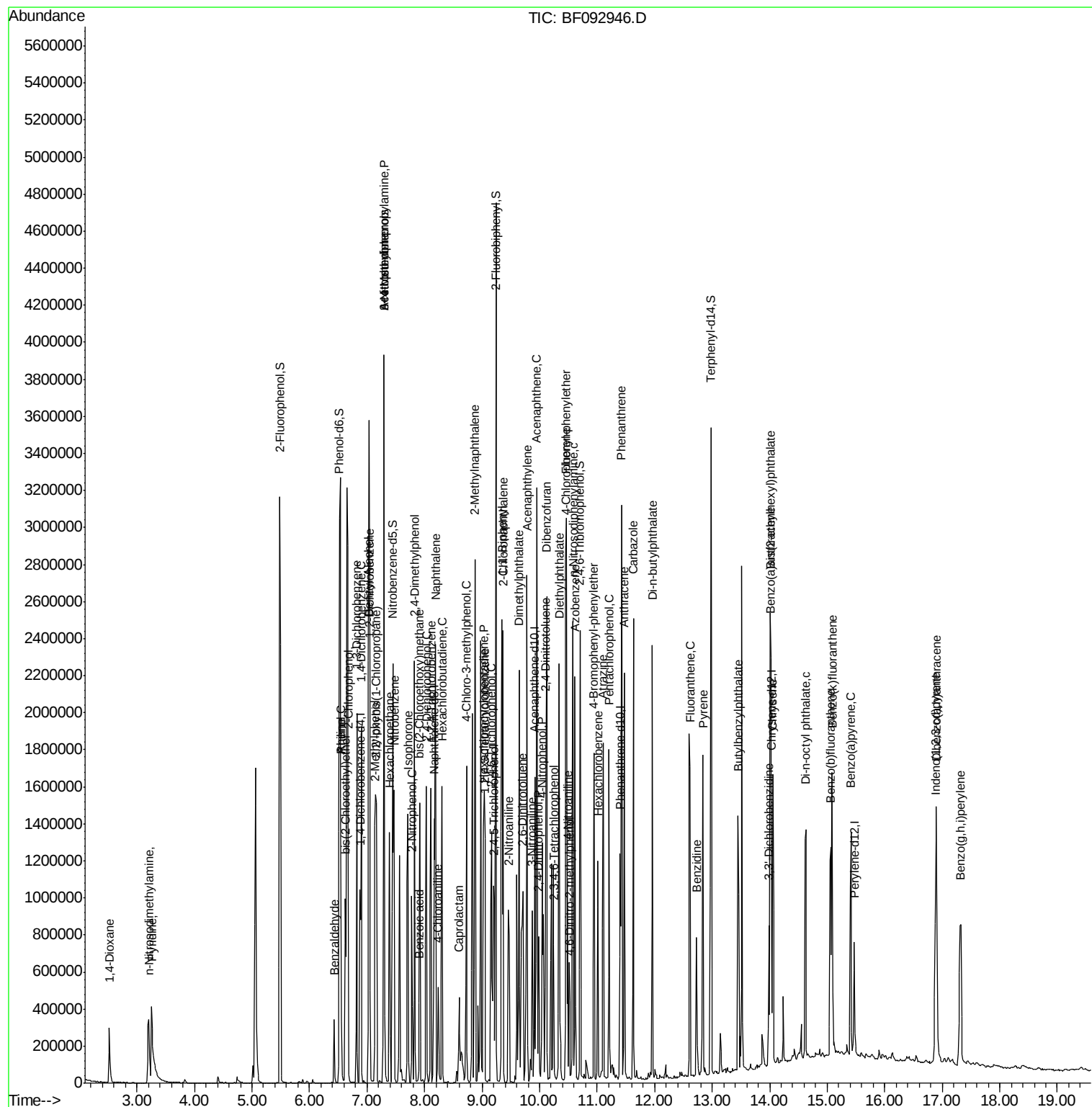
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092946.D
Acq On : 14 Feb 2017 16:14
Operator : SJ/MA
Sample : I1792-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

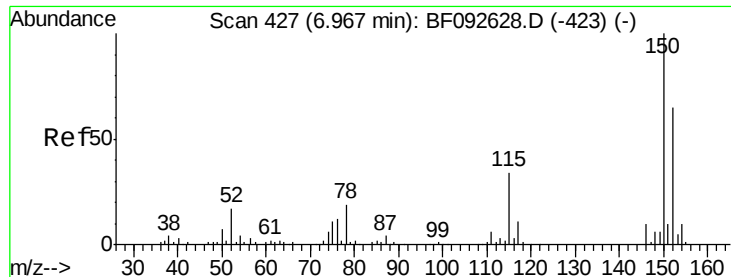
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM

Quant Time: Feb 14 16:57:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration





#1

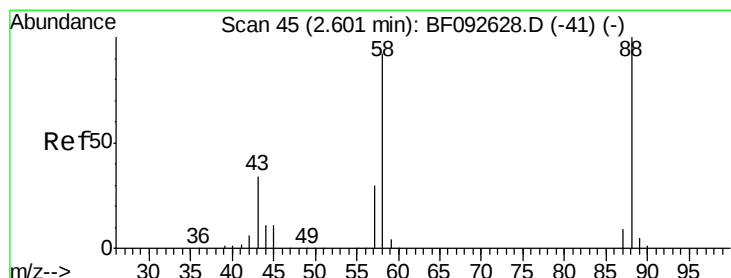
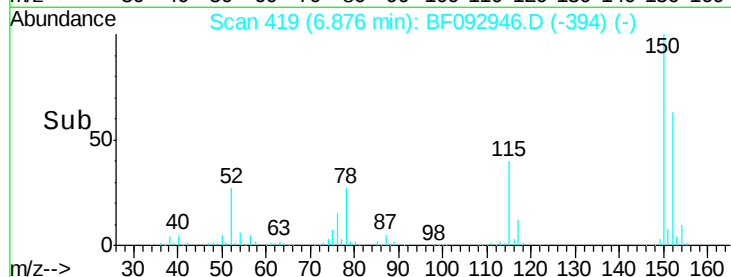
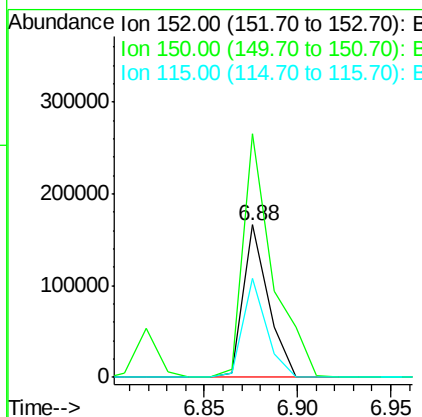
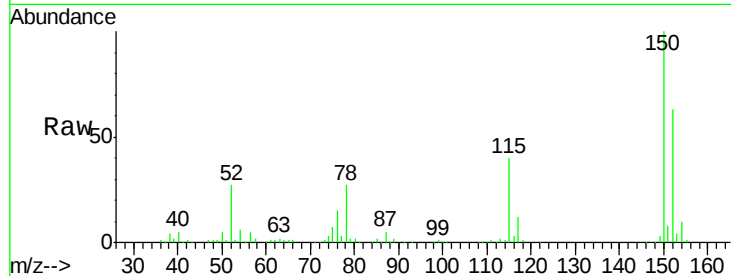
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.9	187.3
115	64.6	46.0	69.0

Manual Integrations
APPROVED

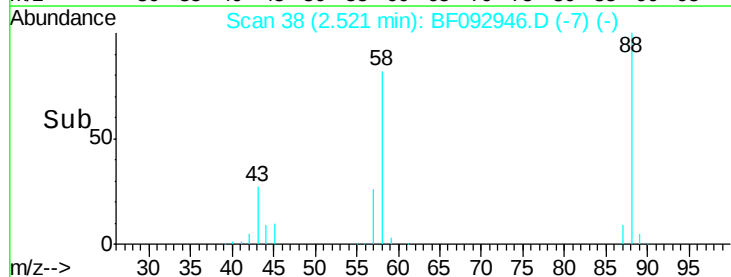
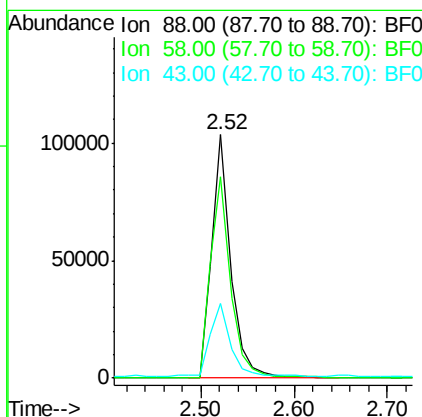
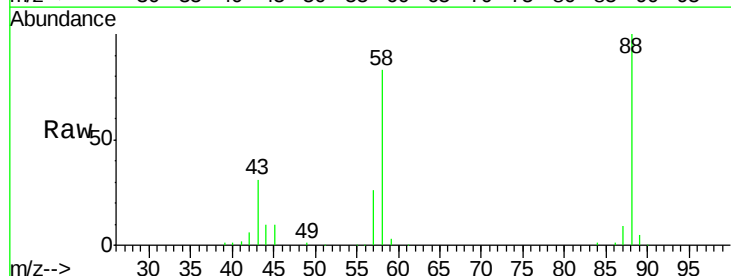
mohammad
2/15/2017 9:06:00 AM



#2

1,4-Dioxane
Concen: 30.04 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	57.8	86.8#
43	31.9	22.3	33.5





#3

Pyridine

Concen: 28.64 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

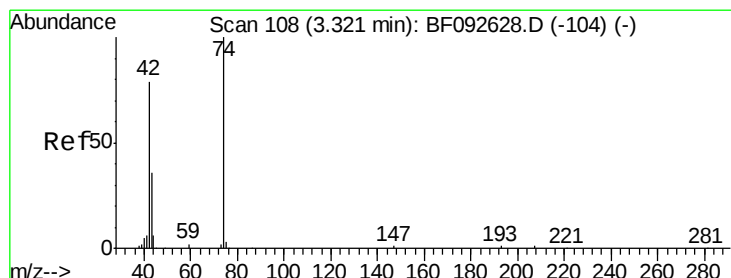
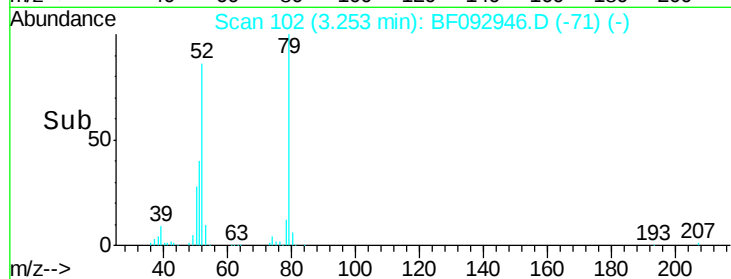
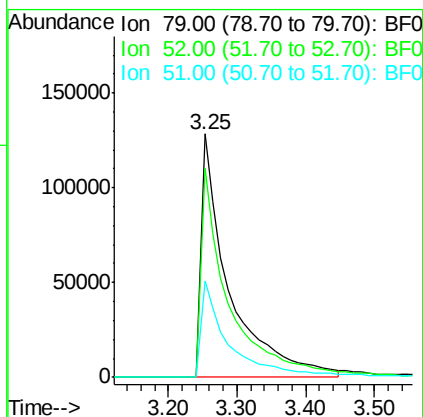
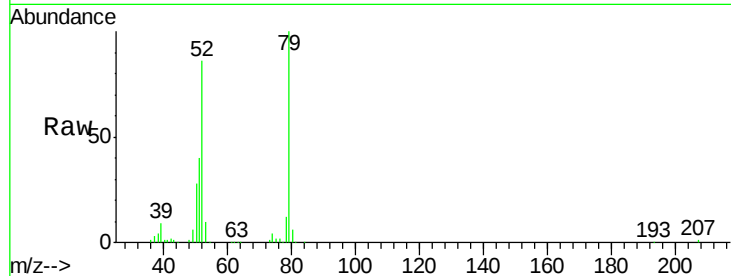
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	79	Resp:	357472
Ion Ratio	Lower	Upper	
79	100		
52	85.6	57.1	85.7
51	39.6	27.3	40.9

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#4

n-Nitrosodimethylamine

Concen: 38.00 ng

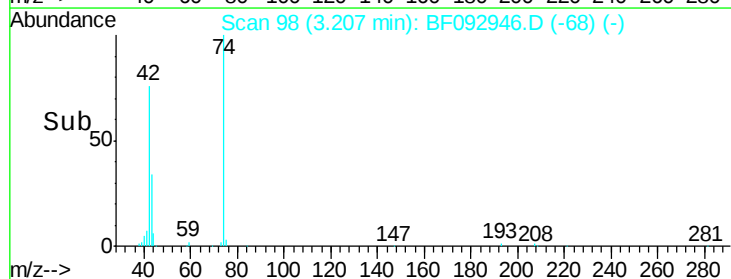
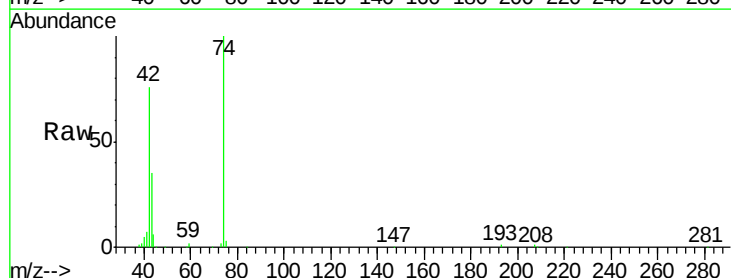
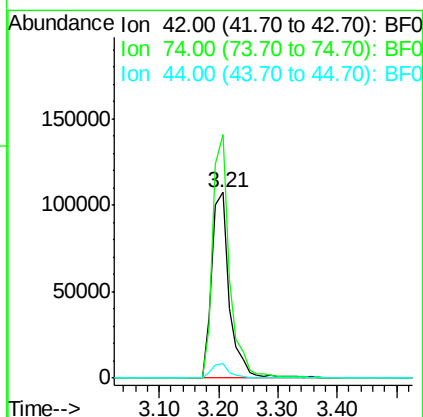
RT: 3.21 min Scan# 98

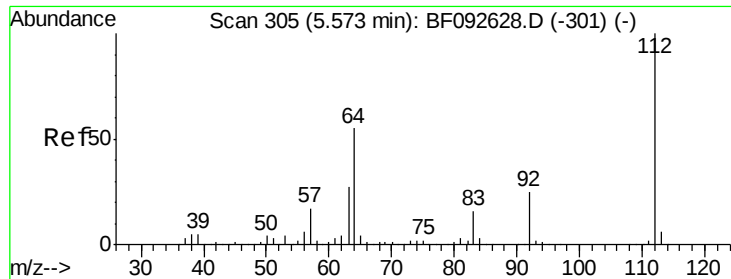
Delta R.T. 0.05 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:	42	Resp:	222717
Ion Ratio	Lower	Upper	
42	100		
74	131.3	117.0	175.4
44	7.6	5.5	8.3





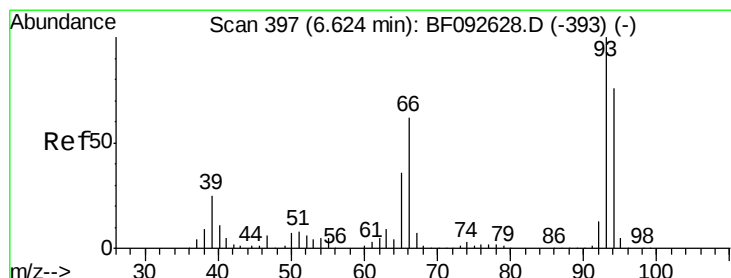
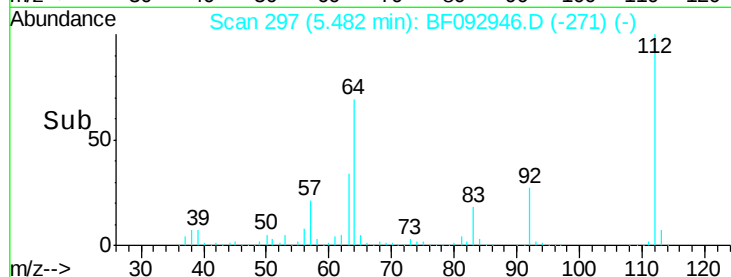
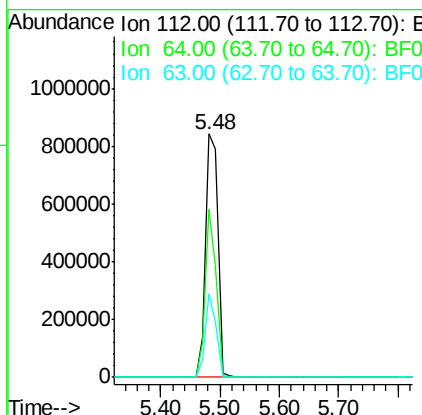
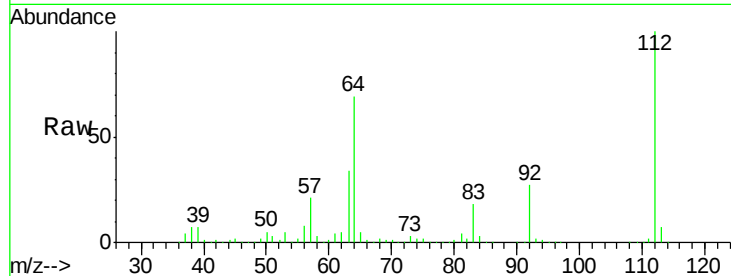
#5
2-Fluorophenol
Concen: 136.02 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion: 112 Resp: 1235607
Ion Ratio Lower Upper
112 100
64 69.2 46.1 69.1#
63 34.2 23.8 35.6

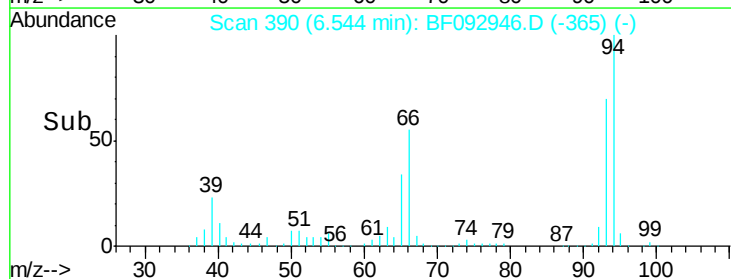
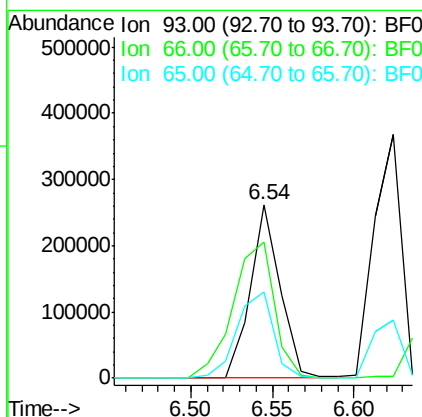
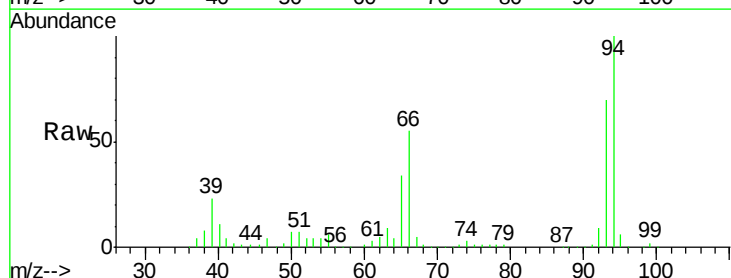
Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#6
Aniline
Concen: 21.05 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion: 93 Resp: 335564
Ion Ratio Lower Upper
93 100
66 78.3 76.2 114.2
65 49.3 49.3 73.9#





#7

Phenol-d6

Concen: 139.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion: 99 Resp: 1629343

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

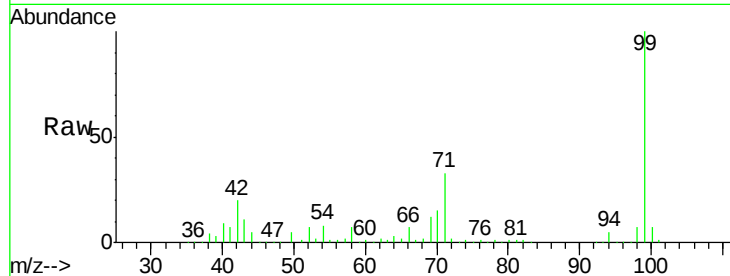
71 32.9 27.5 41.3

Manual Integrations

APPROVED

mohammad

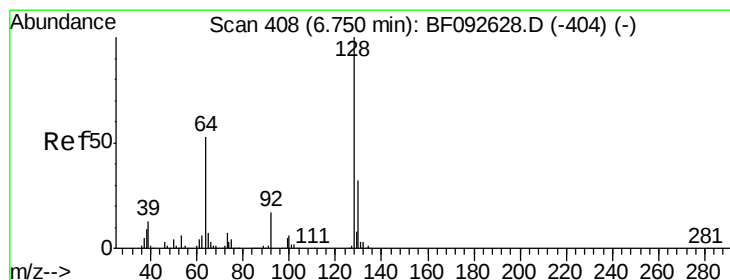
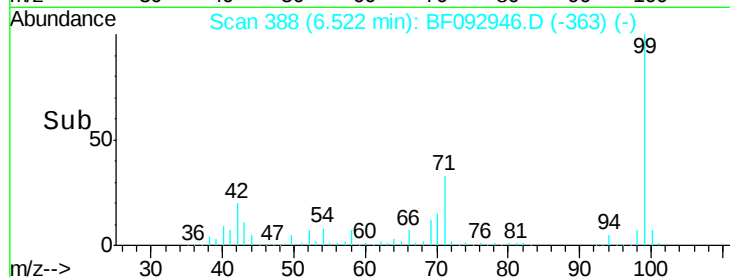
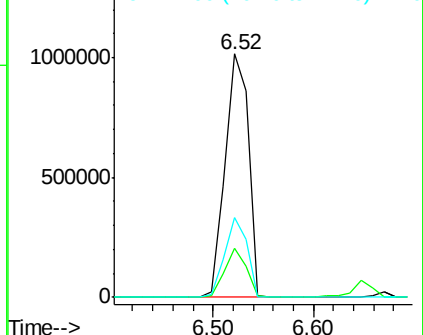
2/15/2017 9:06:00 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.06 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

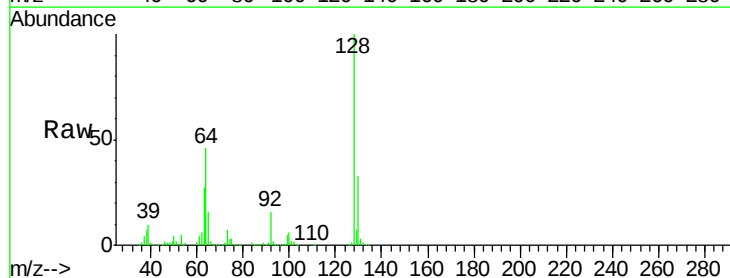
Tgt Ion: 128 Resp: 411537

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

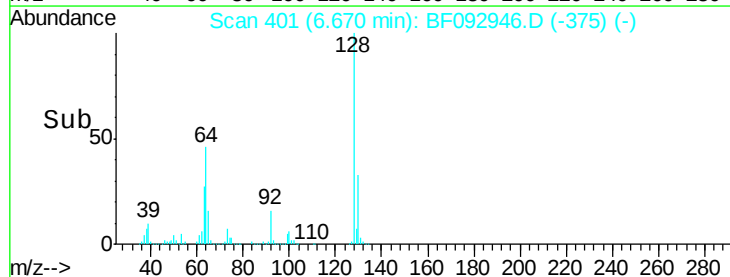
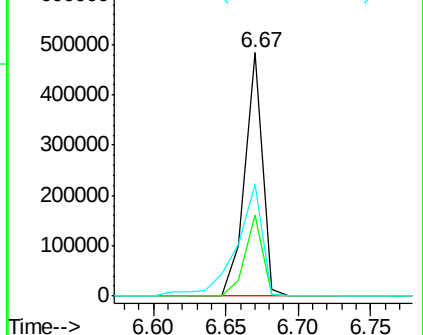
64 46.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





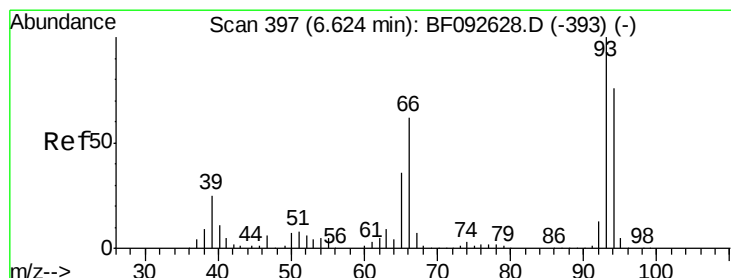
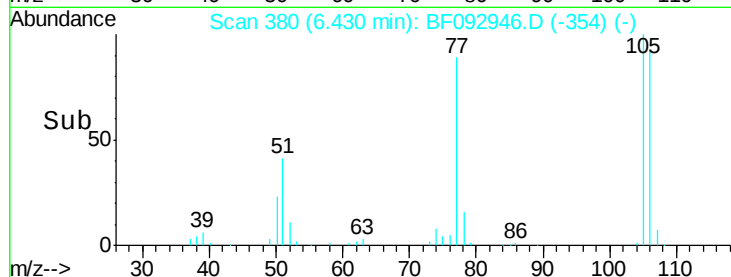
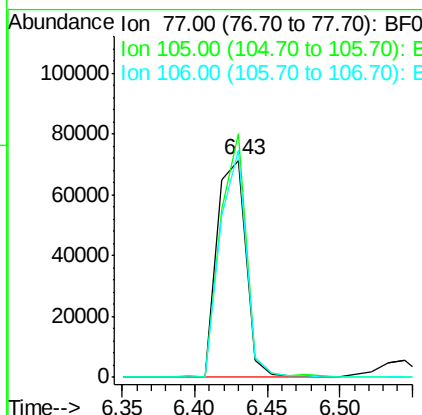
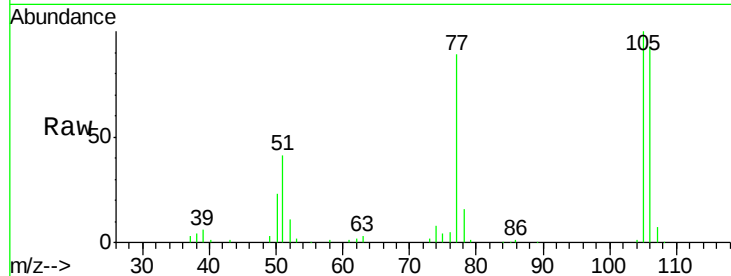
#9
Benzaldehyde
Concen: 11.86 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion: 77 Resp: 99336
Ion Ratio Lower Upper
77 100
105 112.0 83.9 123.9
106 104.3 77.6 117.6

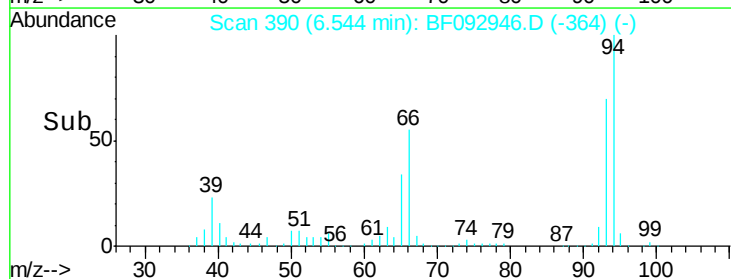
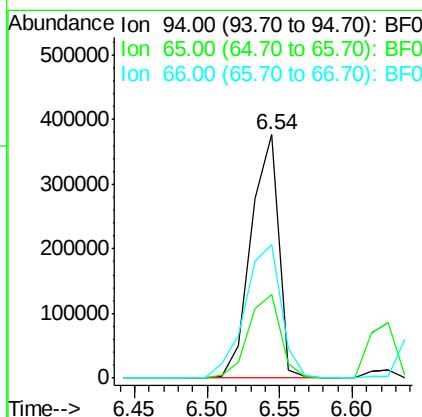
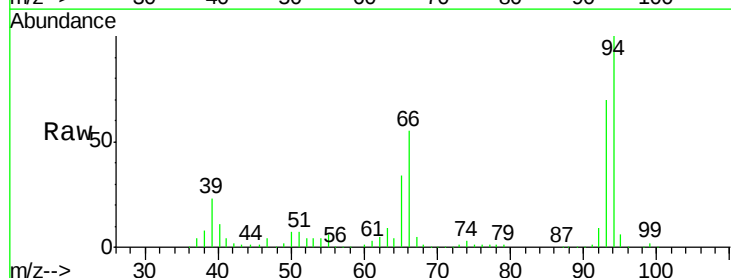
Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#10
Phenol
Concen: 36.23 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion: 94 Resp: 495442
Ion Ratio Lower Upper
94 100
65 34.3 21.4 61.4
66 54.6 44.0 84.0





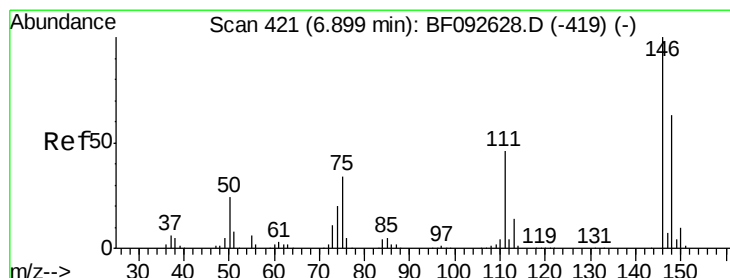
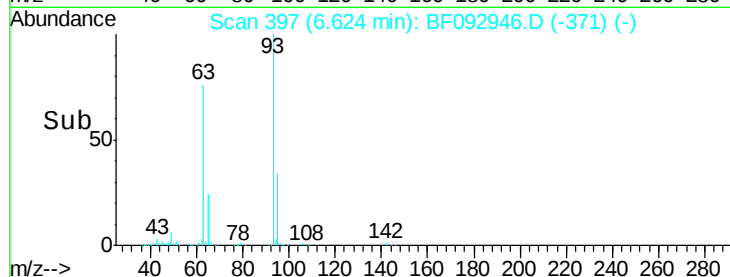
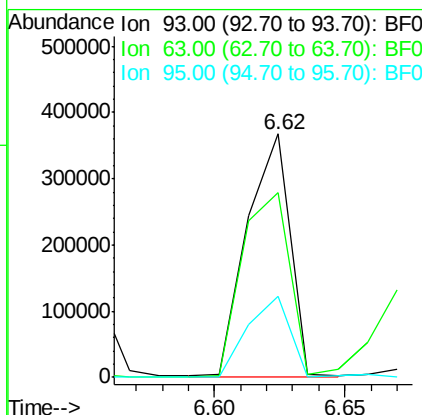
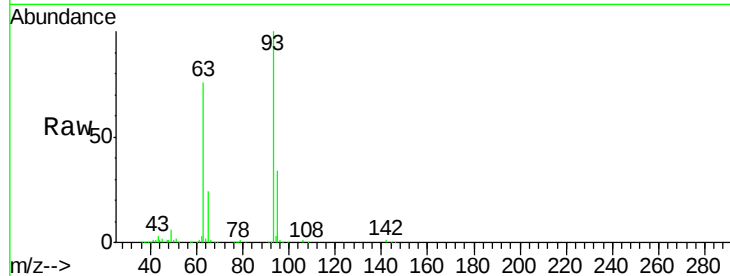
#11
bis(2-Chloroethyl)ether
Concen: 39.12 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.4	100.4
95	33.5	12.8	52.8

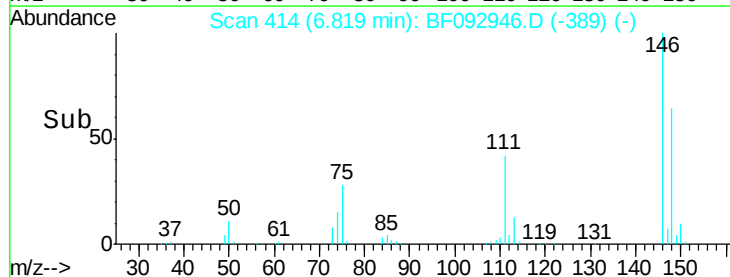
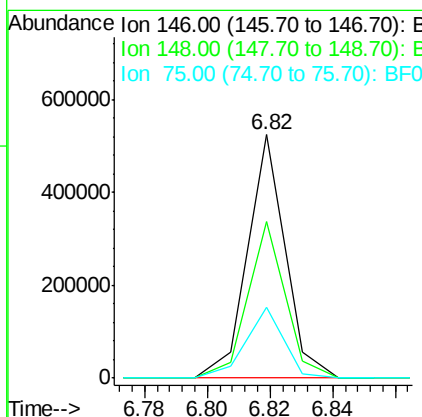
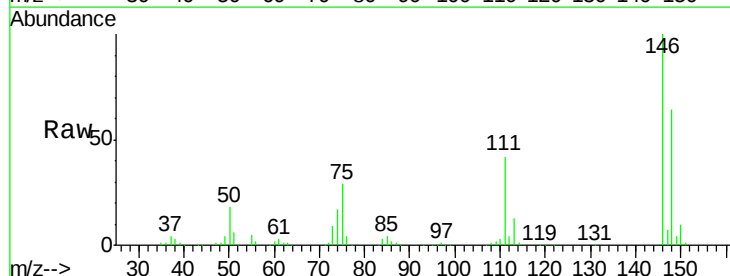
Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#12
1,3-Dichlorobenzene
Concen: 37.31 ng m
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.0
75	29.1	18.5	27.7





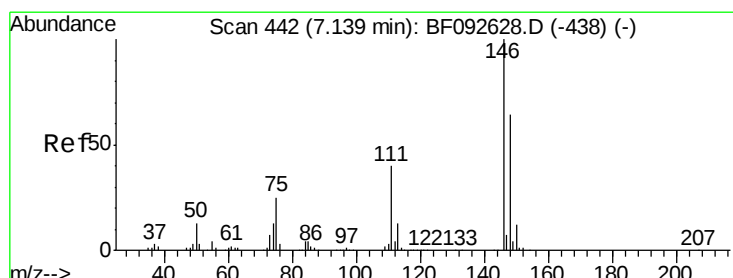
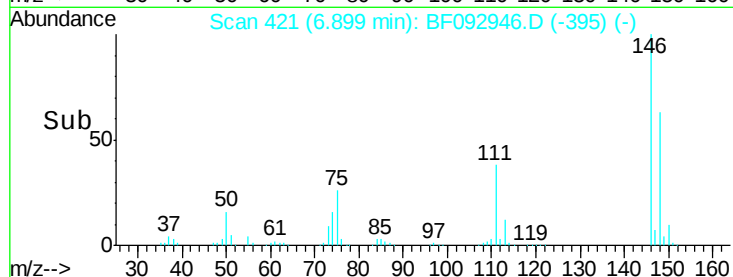
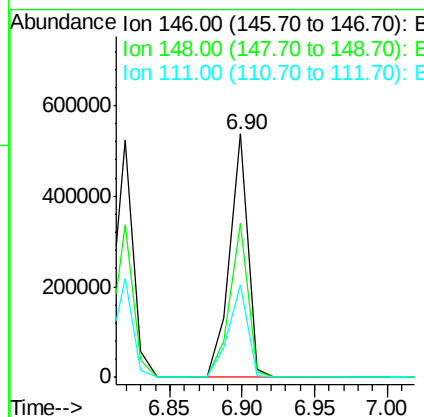
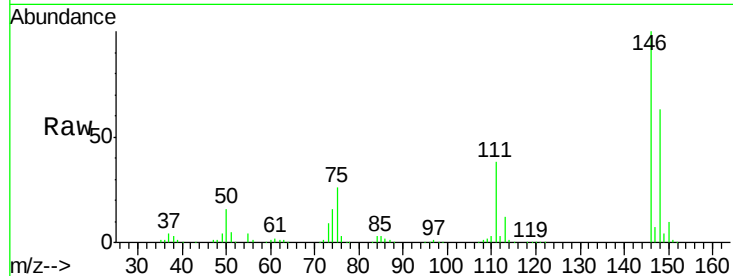
#13
 1,4-Dichlorobenzene
 Concen: 39.74 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	38.0	36.2	54.4

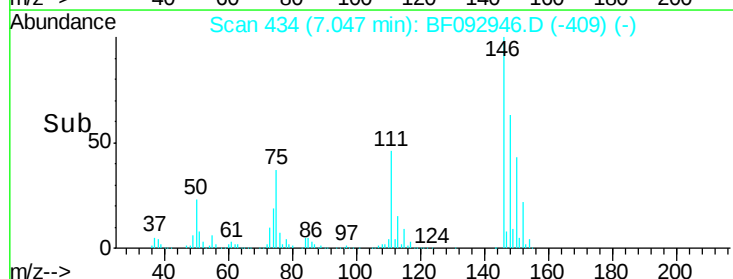
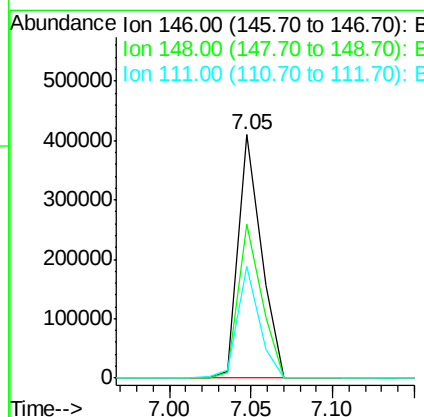
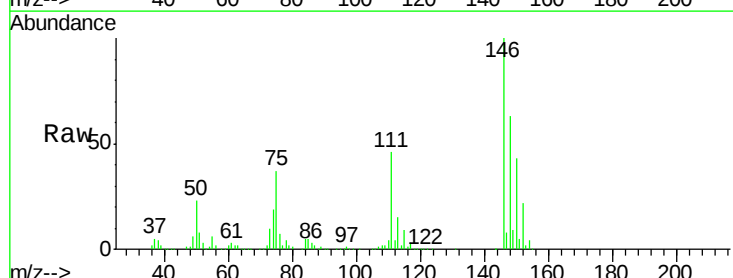
Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	45.7	36.2	54.2





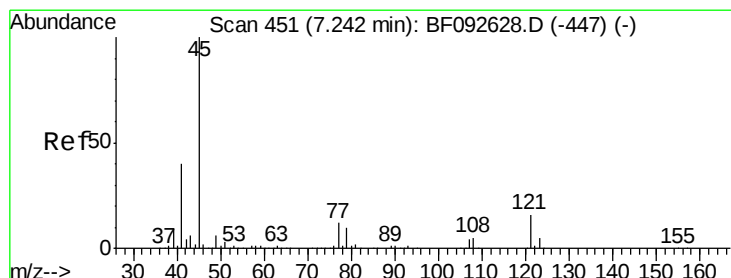
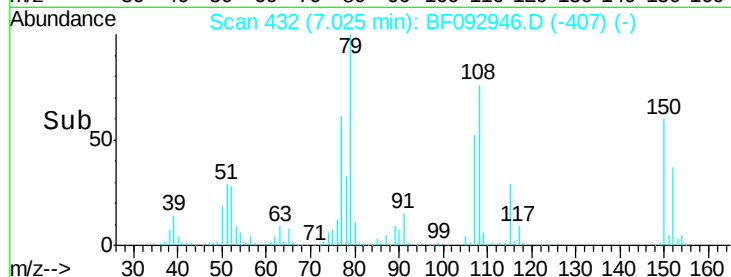
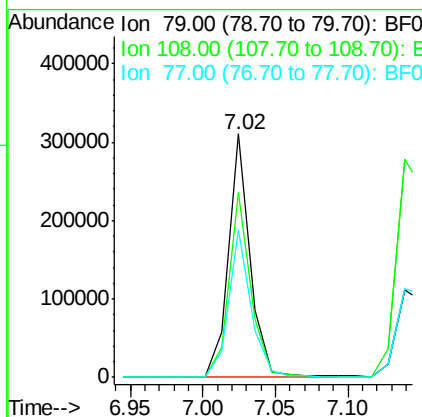
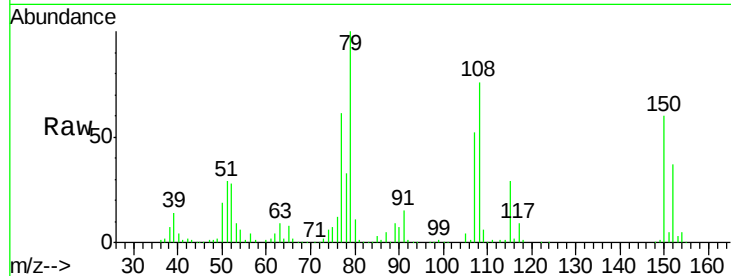
#15
Benzyl Alcohol
Concen: 37.46 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion: 79 Resp: 324173
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 60.8 50.9 76.3

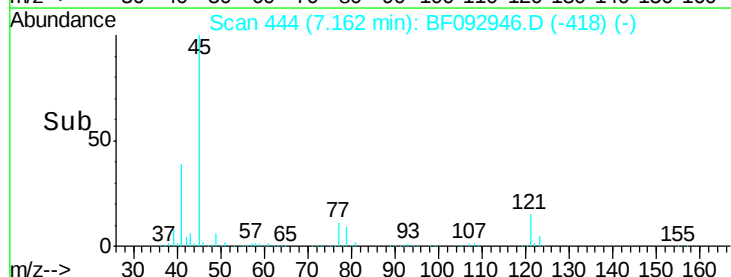
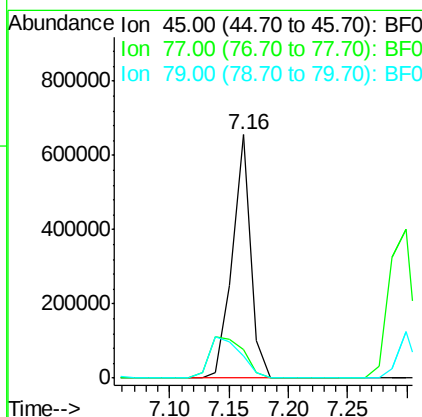
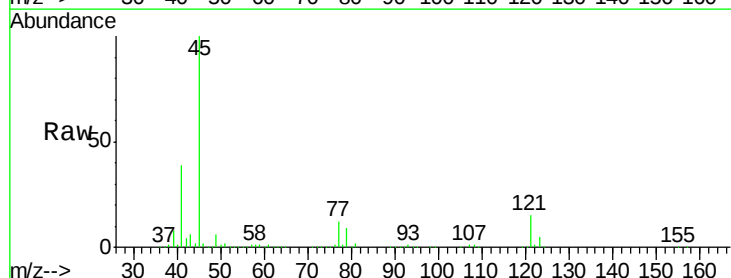
Manual Integrations
APPROVED

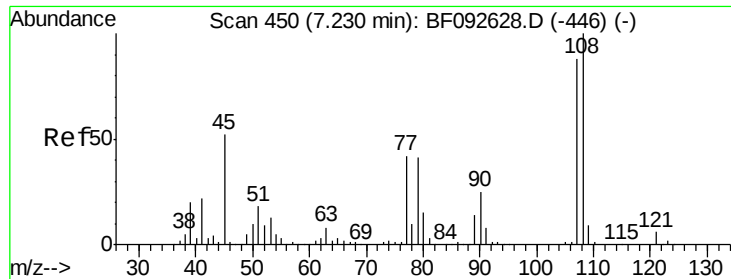
mohammad
2/15/2017 9:06:00 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.00 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion: 45 Resp: 701736
Ion Ratio Lower Upper
45 100
77 11.5 0.0 34.6
79 9.2 0.0 31.2





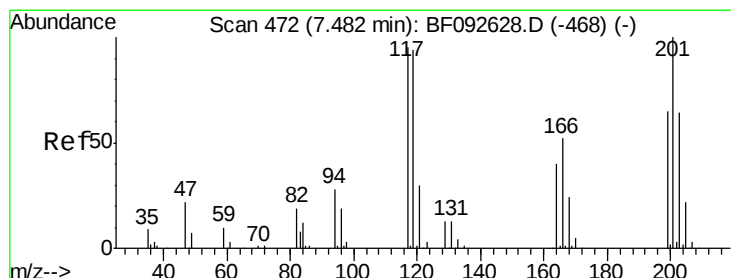
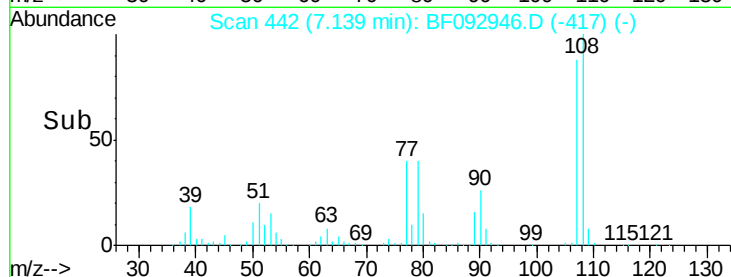
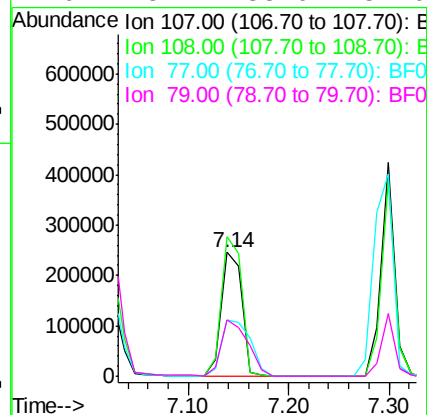
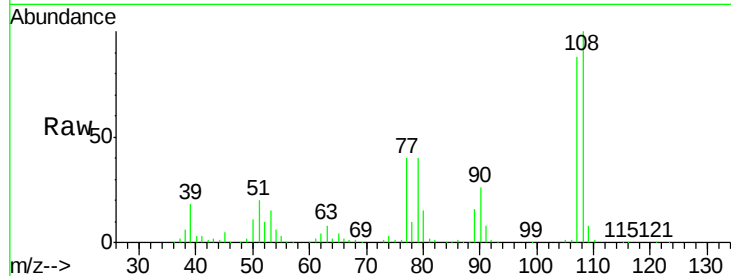
#17
2-Methylphenol
Concen: 40.53 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	348468		
108	113.2	93.0	139.6	
77	45.8	39.8	59.8	
79	45.7	38.0	57.0	

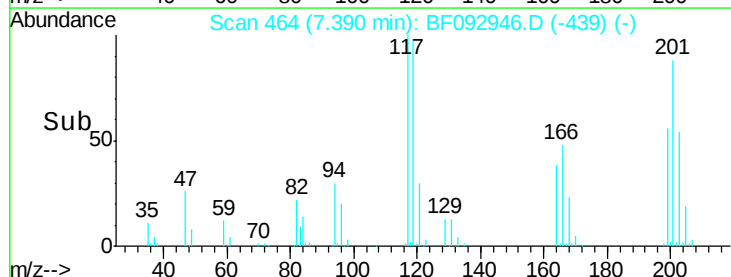
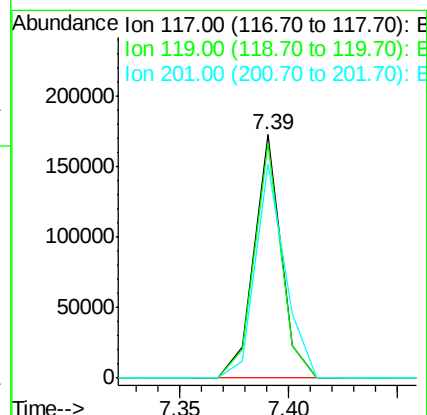
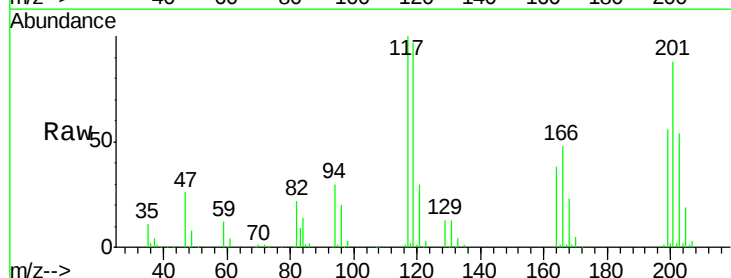
Manual Integrations
APPROVED

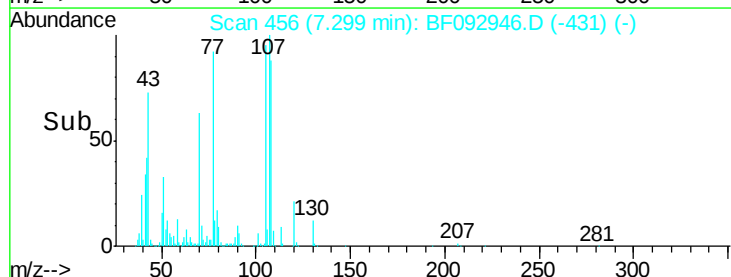
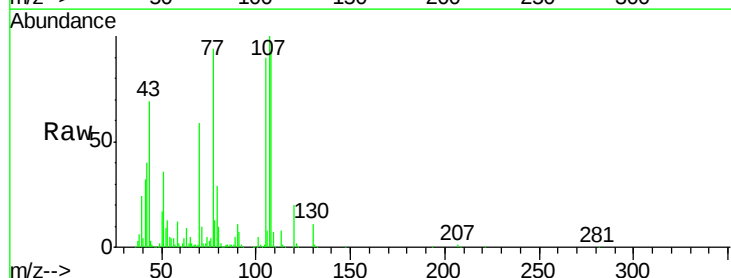
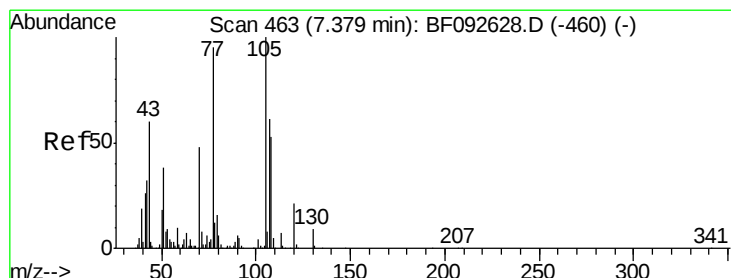
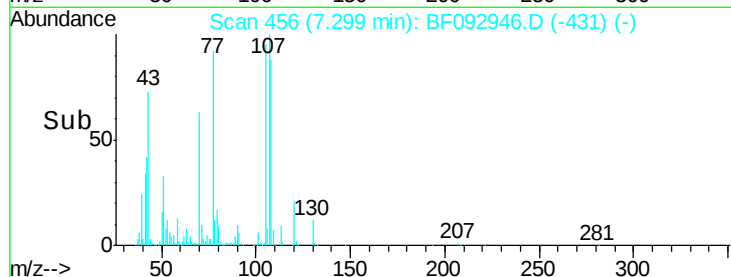
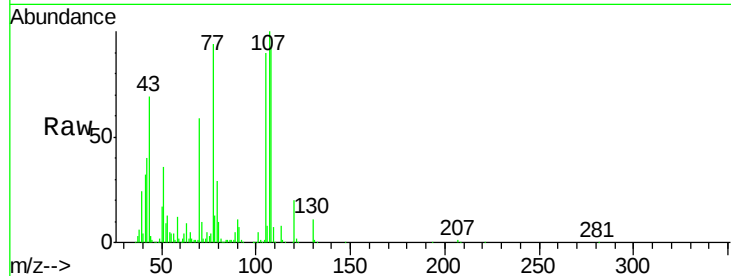
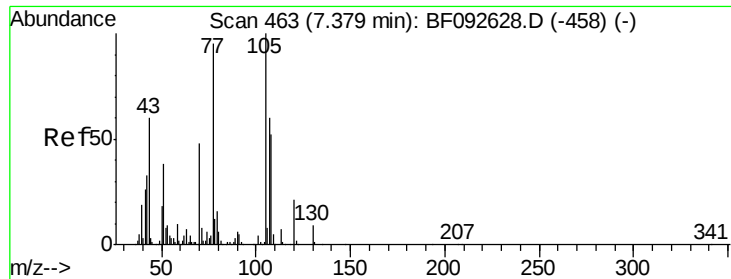
mohammad
2/15/2017 9:06:00 AM



#18
Hexachloroethane
Concen: 36.79 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	149218		
119	96.6	78.1	117.1	
201	88.1	78.6	117.8	





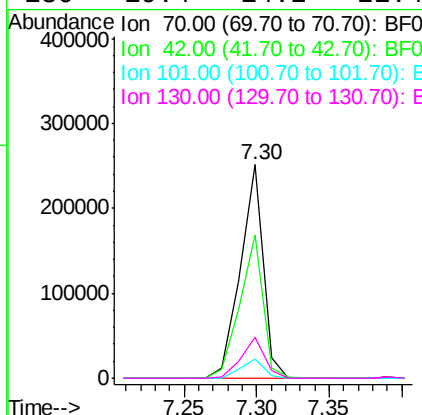
#19
n-Nitroso-di-n-propylamine
Concen: 37.04 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	275568		
42	66.9	49.4	74.0	
101	9.1	7.4	11.2	
130	19.4	14.2	21.4	

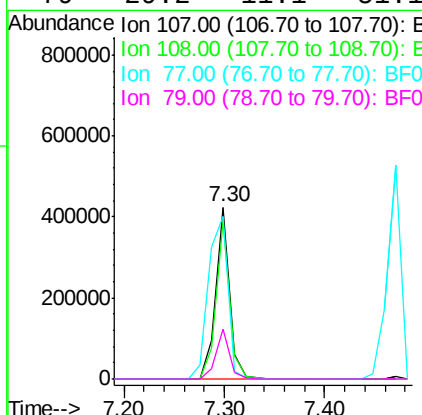
Manual Integrations
APPROVED

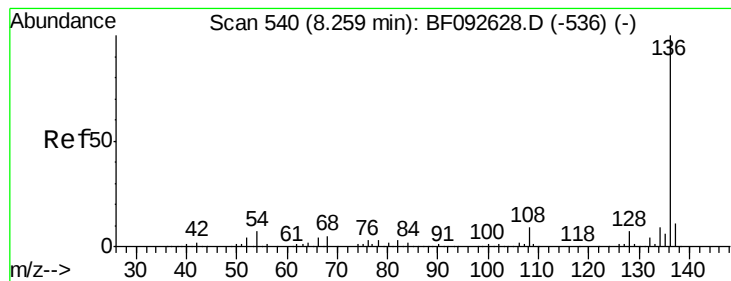
mohammad
2/15/2017 9:06:00 AM



#20
3+4-Methylphenols
Concen: 39.45 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

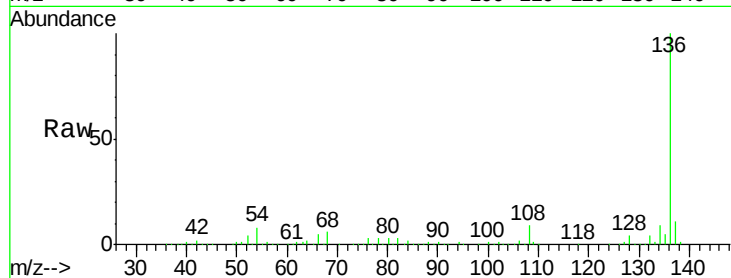
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	405514		
108	91.6	73.0	113.0	
77	94.4	71.3	111.3	
79	29.2	11.1	51.1	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

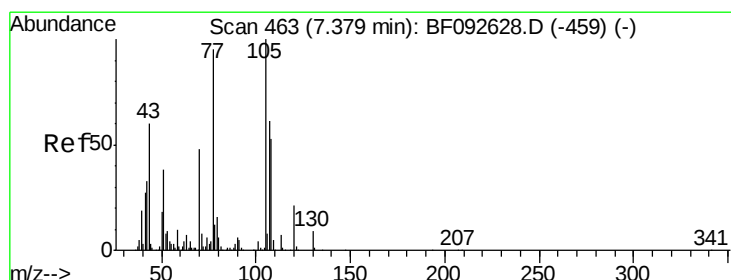
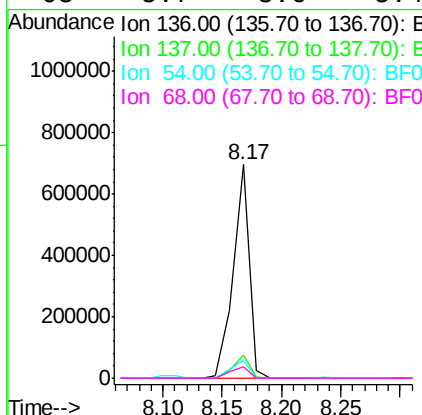
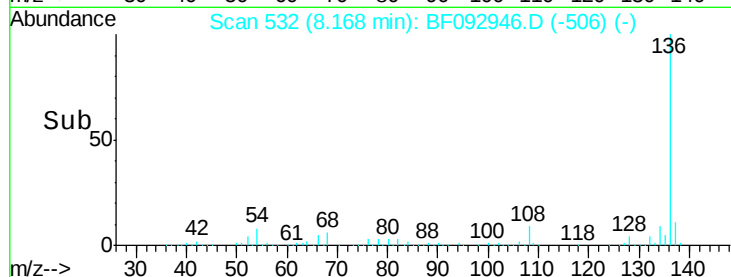
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS



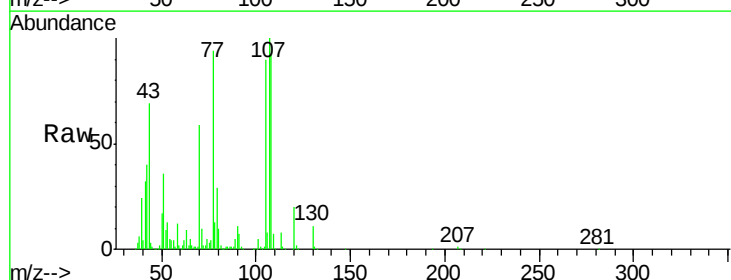
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	655607		
137	10.6	8.4	12.6	
54	8.5	4.5	6.7#	
68	5.7	3.6	5.4#	

Manual Integrations
APPROVED

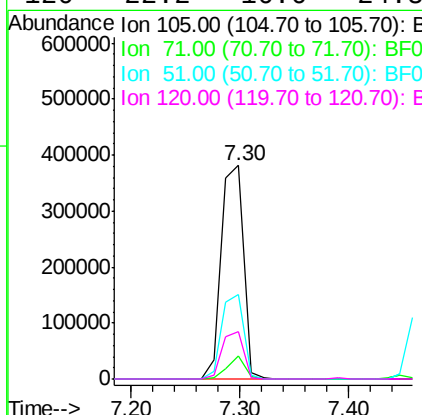
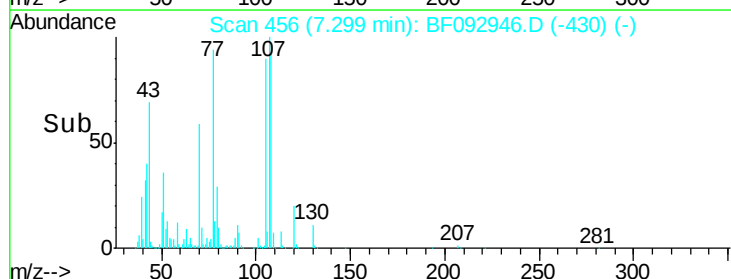
mohammad
2/15/2017 9:06:00 AM

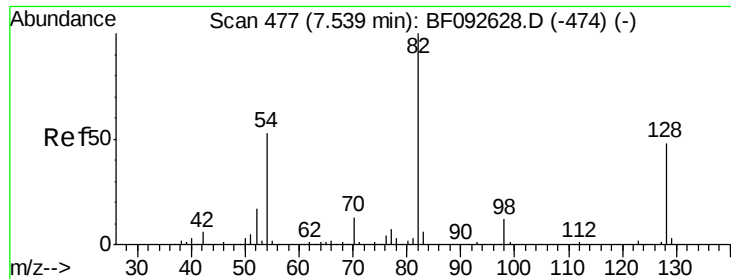


#22
Acetophenone
Concen: 36.15 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541073		
71	10.8	3.2	4.8#	
51	39.8	26.2	39.4#	
120	22.2	16.6	24.8	





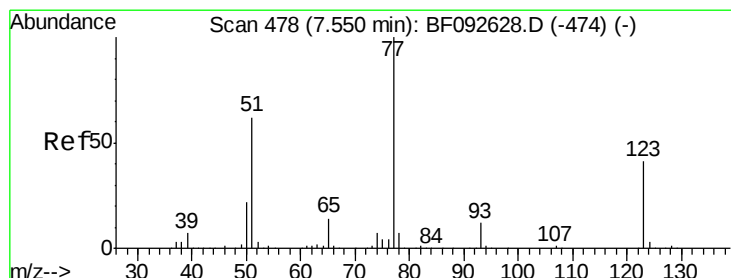
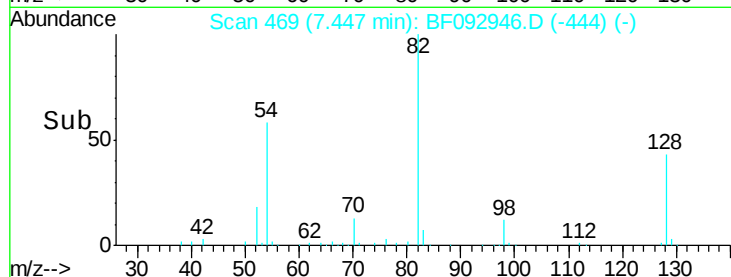
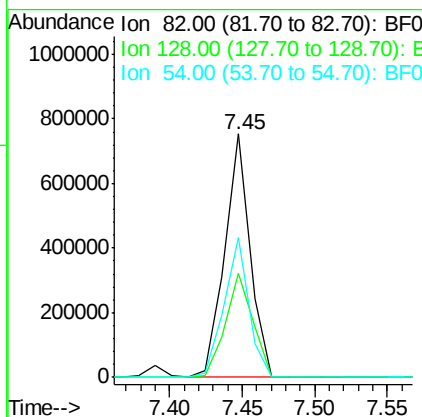
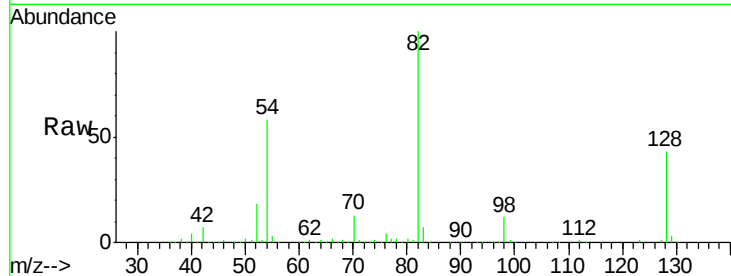
#23
 Nitrobenzene-d5
 Concen: 77.43 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	911590		
128	42.5	34.6	52.0	
54	57.6	39.5	59.3	

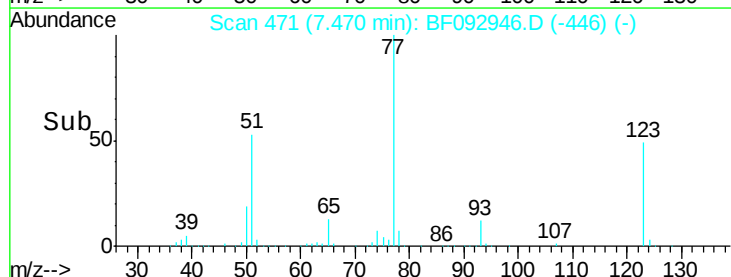
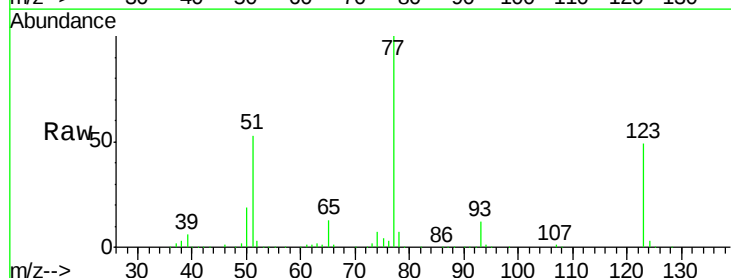
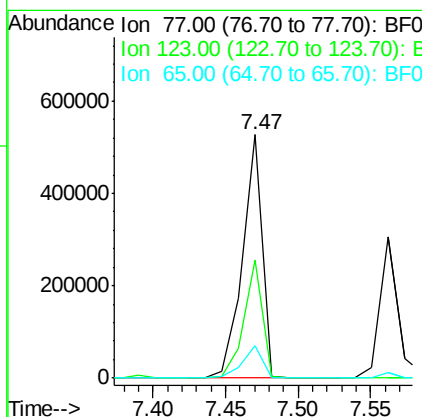
Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:00 AM



#24
 Nitrobenzene
 Concen: 40.89 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	494329		
123	48.7	33.0	49.4	
65	13.1	11.2	16.8	





#25

Isophorone

Concen: 37.64 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion: 82 Resp: 825775
Ion Ratio Lower Upper

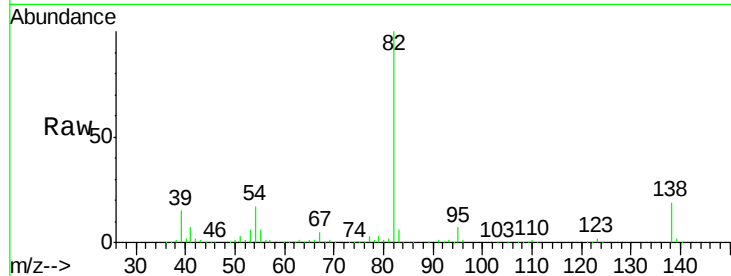
82 100

95 6.8 5.6 8.4

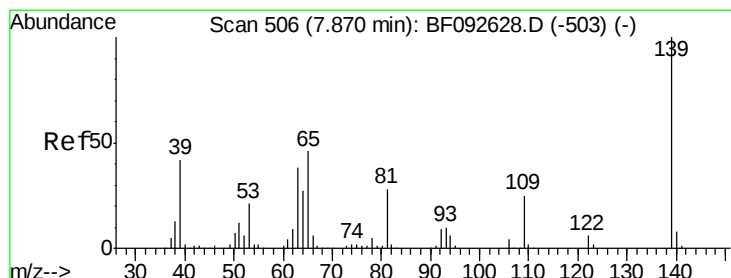
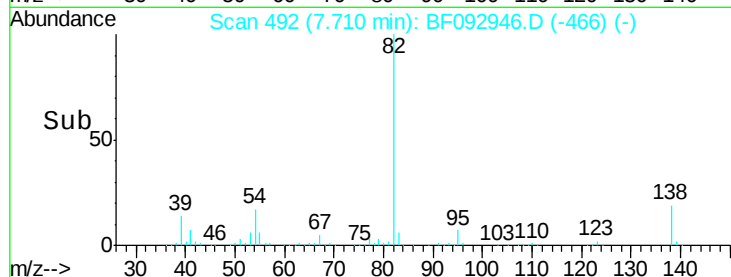
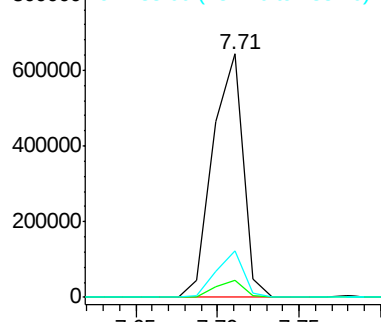
138 19.2 14.6 22.0

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



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: 37.66 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092946.D

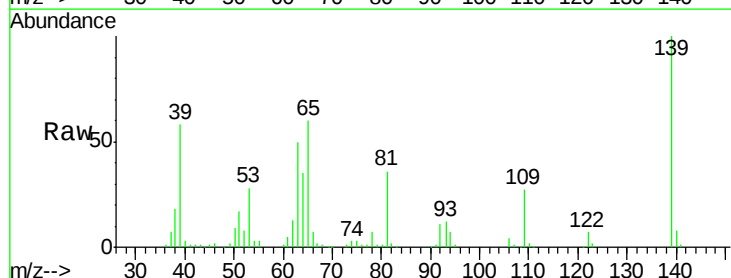
Acq: 14 Feb 2017 16:14

Tgt Ion: 139 Resp: 216436
Ion Ratio Lower Upper

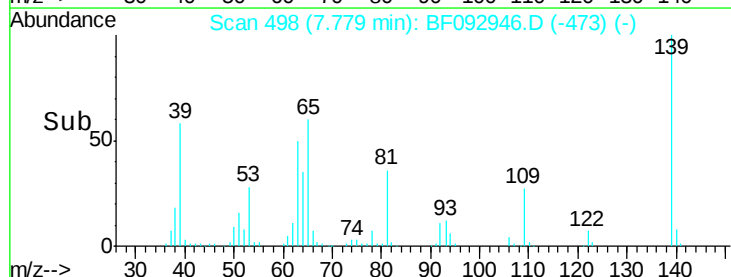
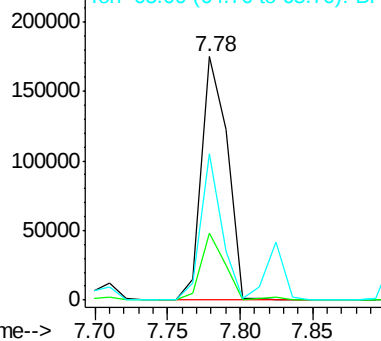
139 100

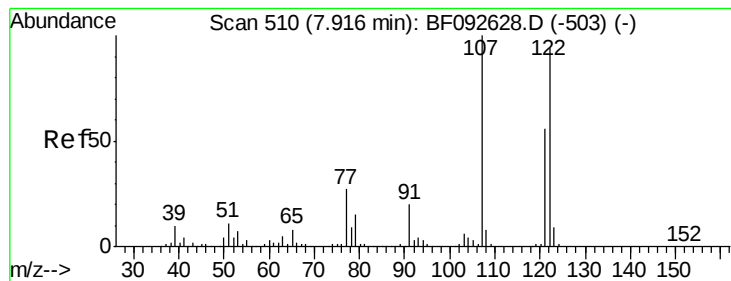
109 27.4 23.3 34.9

65 60.0 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





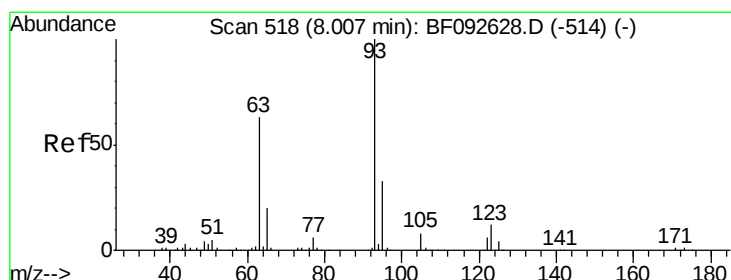
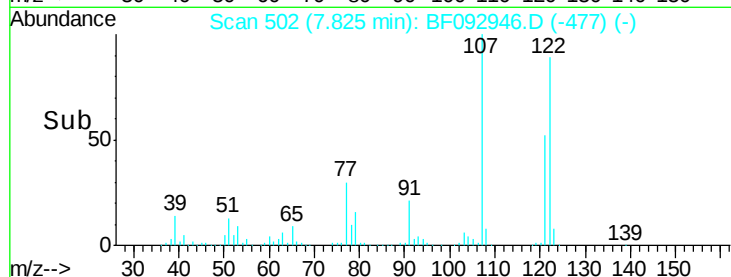
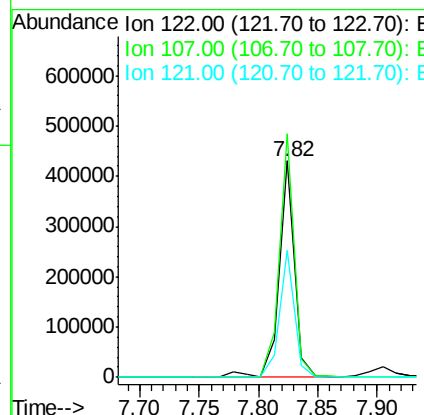
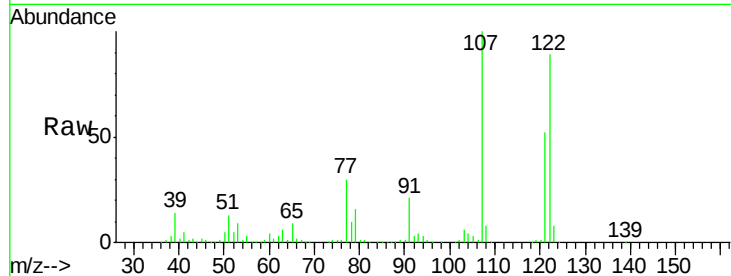
#27
 2,4-Dimethylphenol
 Concen: 38.80 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	391619		
107	112.6	94.1	141.1	
121	58.7	46.0	69.0	

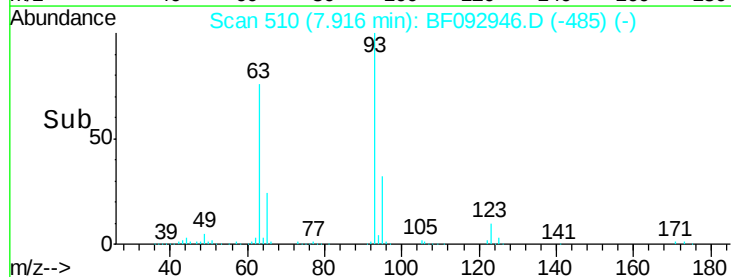
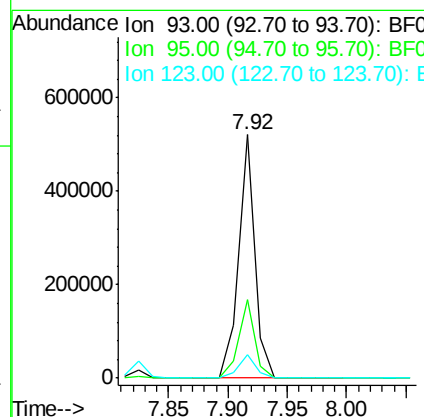
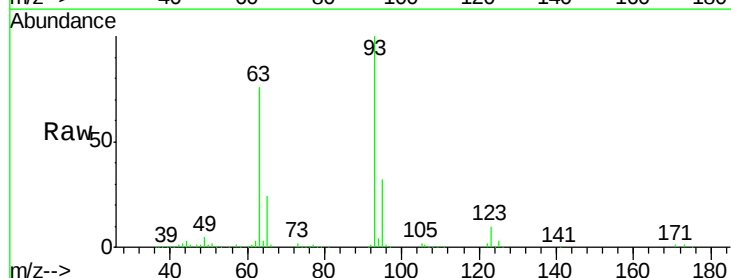
Manual Integrations
 APPROVED

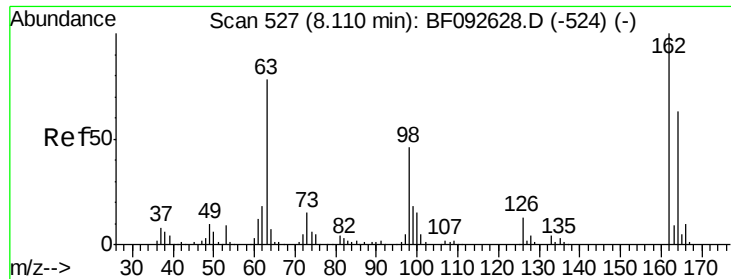
mohammad
 2/15/2017 9:06:00 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.17 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	496523		
95	32.3	26.5	39.7	
123	9.9	8.6	13.0	





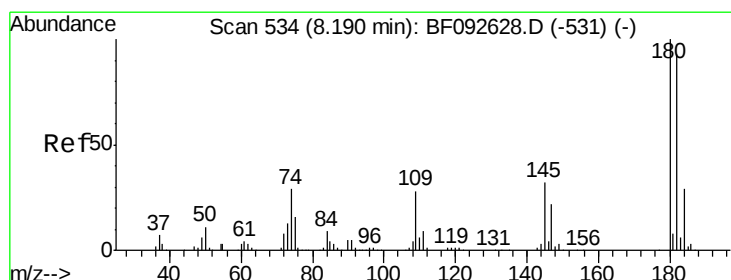
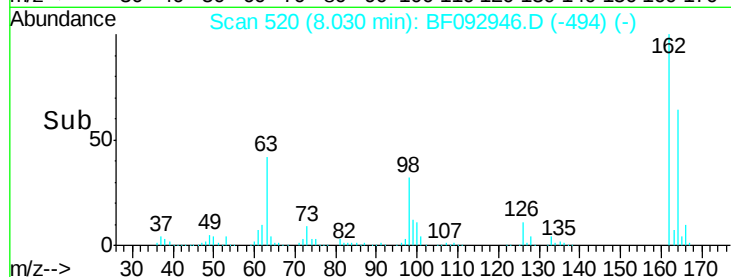
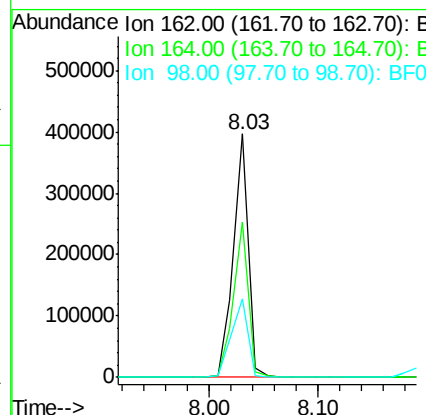
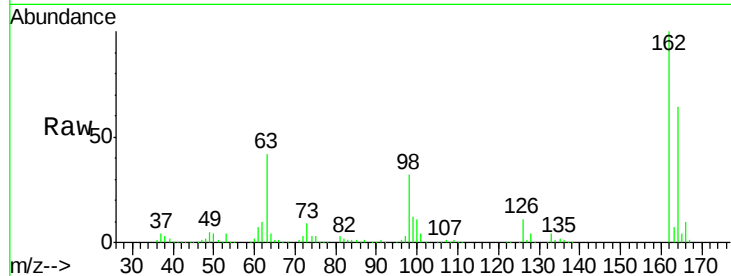
#29
2,4-Dichlorophenol
Concen: 39.91 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	375611		
164	63.9	46.8	86.8	
98	32.1	9.1	49.1	

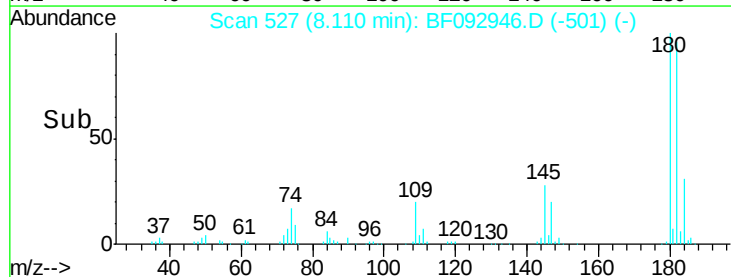
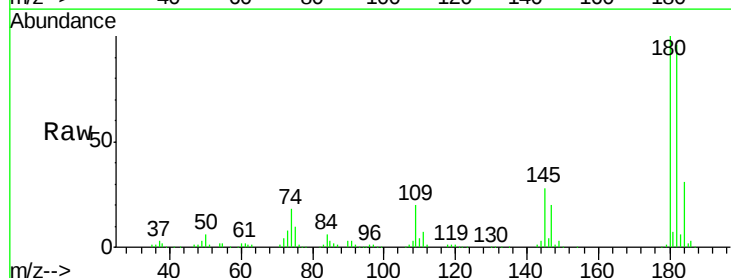
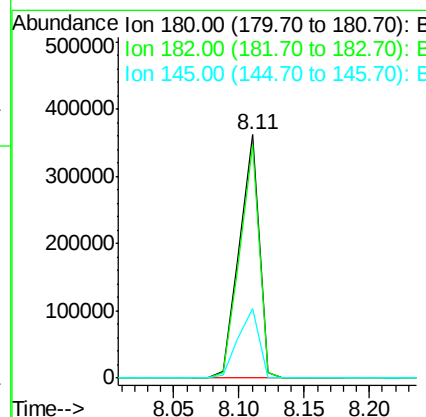
Manual Integrations
APPROVED

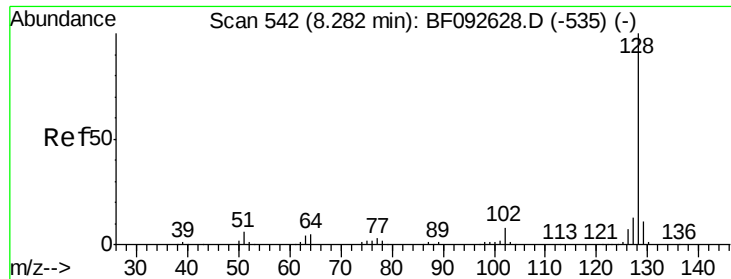
mohammad
2/15/2017 9:06:00 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.33 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378595		
182	95.9	78.2	117.4	
145	28.4	21.6	32.4	





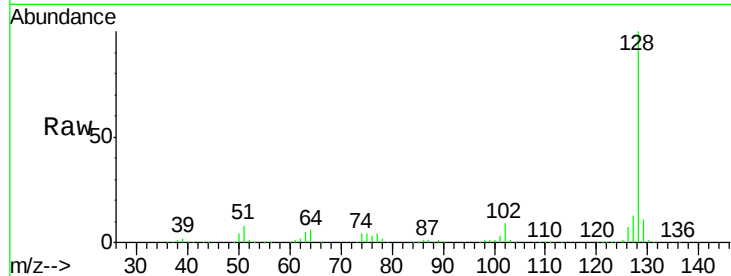
#31
Naphthalene
Concen: 36.38 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

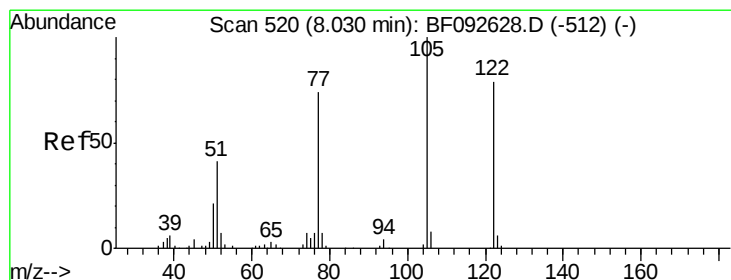
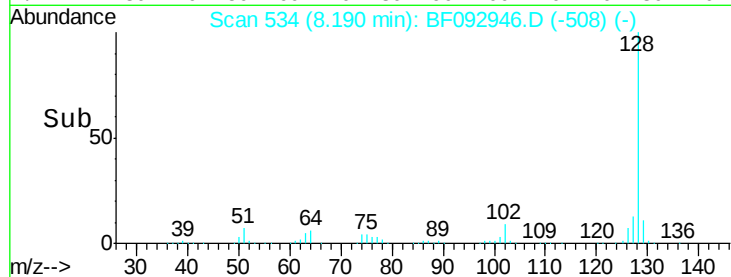
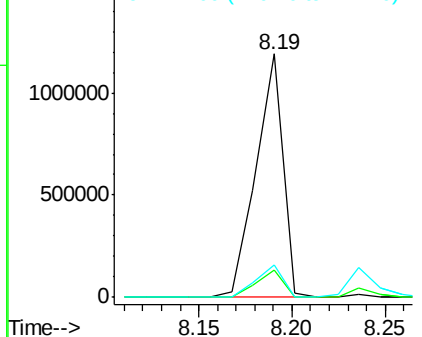
Tgt Ion:128 Resp: 1209217
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.5 10.8 16.2

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM

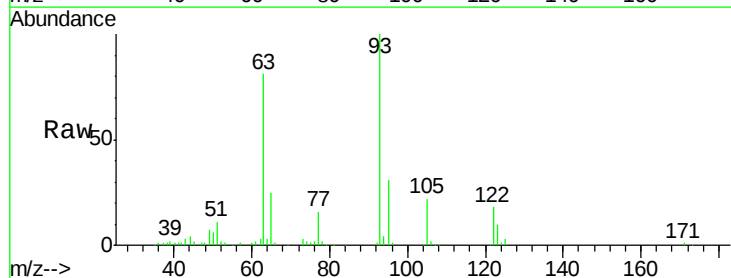


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

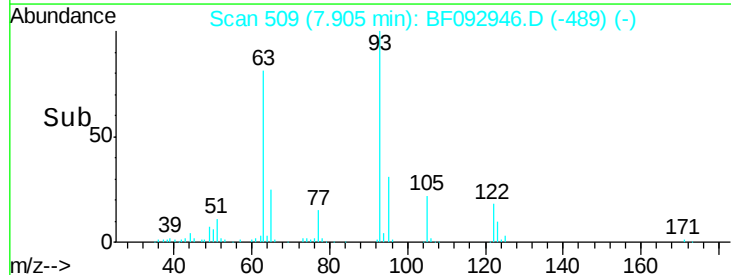
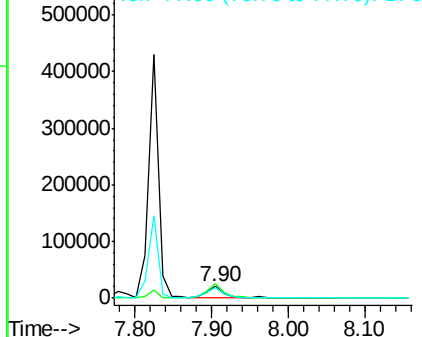


#32
Benzoic acid
Concen: 12.63 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.07 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:122 Resp: 36745
Ion Ratio Lower Upper
122 100
105 123.4 107.2 147.2
77 88.2 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





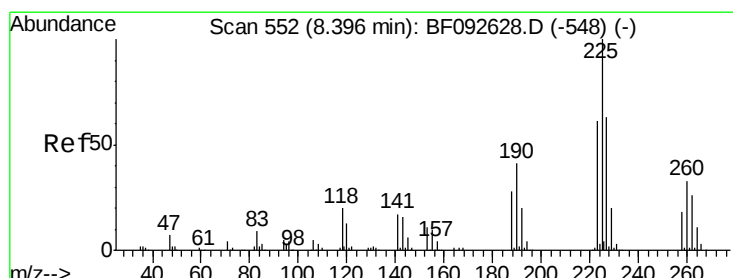
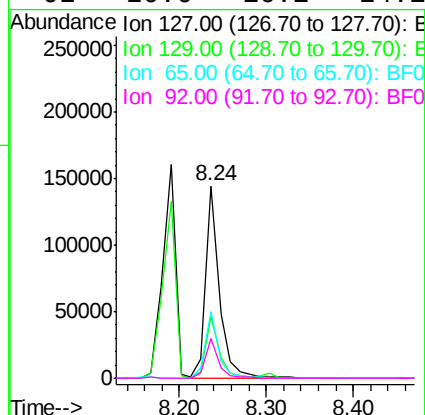
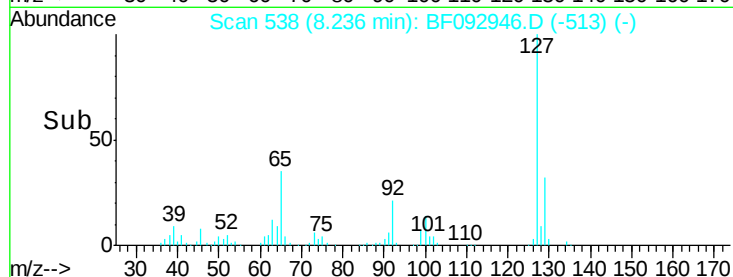
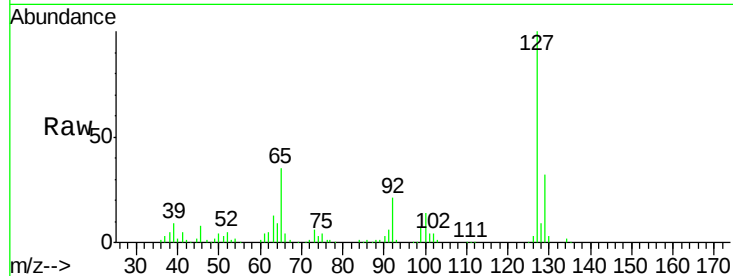
#33
4-Chloroaniline
Concen: 12.23 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	159360		
129	32.3	26.3	39.5	
65	34.7	25.8	38.8	
92	20.6	16.1	24.1	

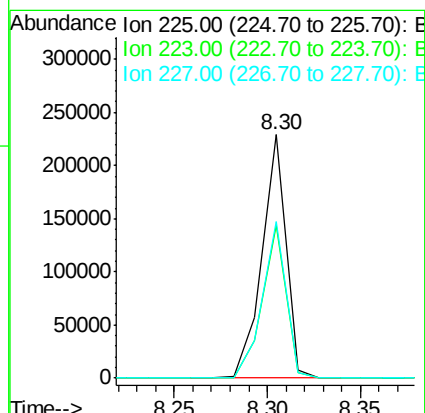
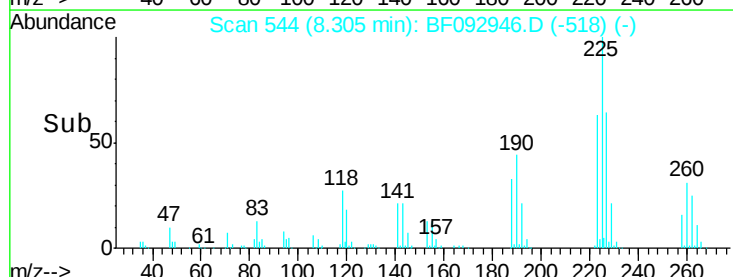
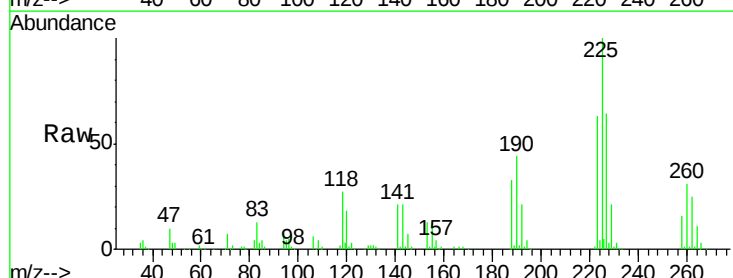
Manual Integrations
APPROVED

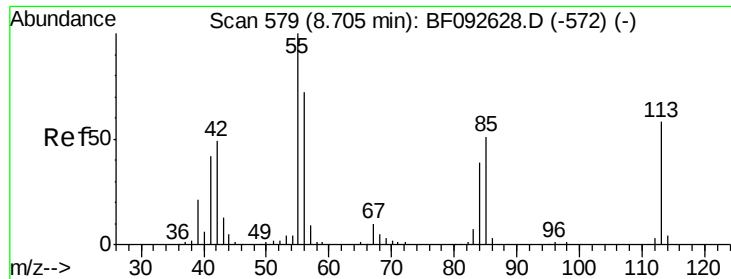
mohammad
2/15/2017 9:06:00 AM



#34
Hexachlorobutadiene
Concen: 36.20 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202036		
223	62.8	51.0	76.6	
227	64.1	50.6	76.0	





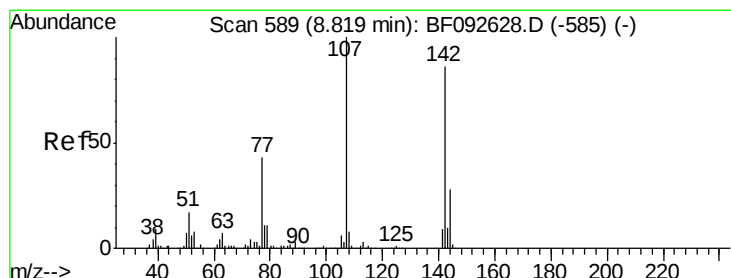
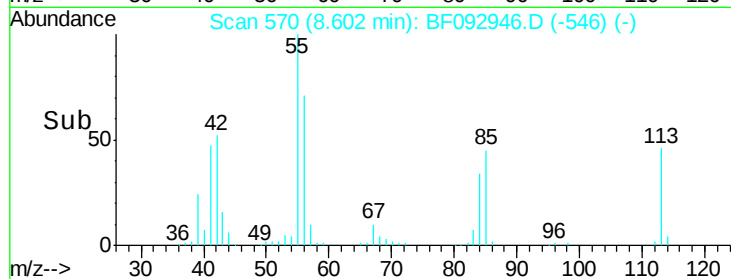
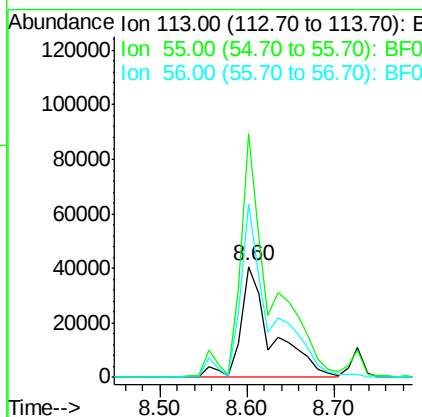
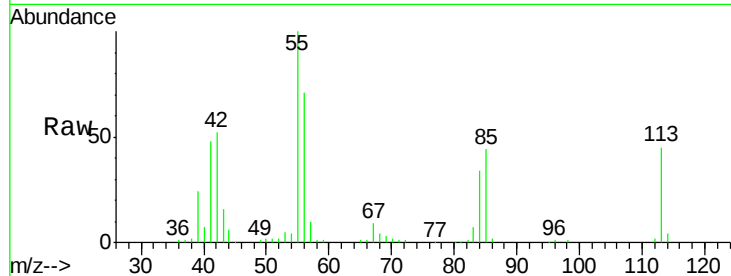
#35
 Caprolactam
 Concen: 35.17 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	220.4	119.2	159.2#
56	156.6	83.8	123.8#

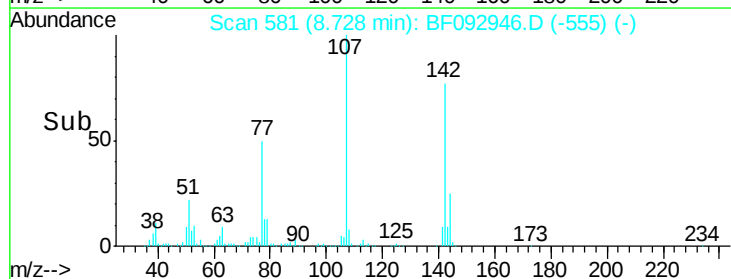
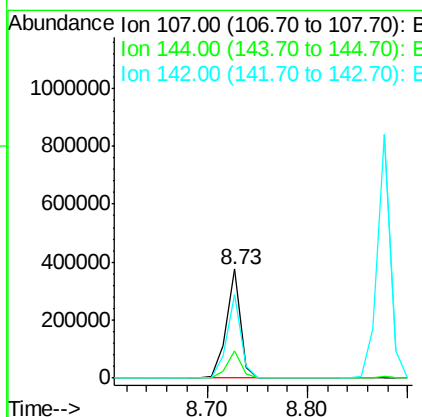
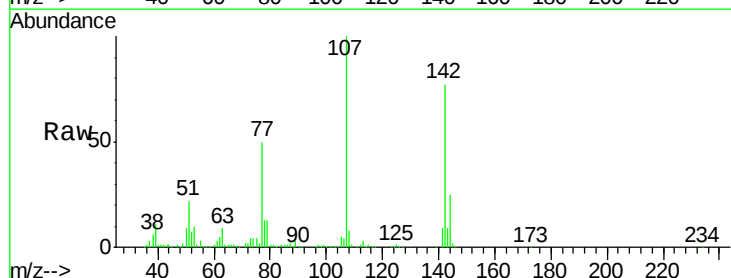
Manual Integrations
 APPROVED

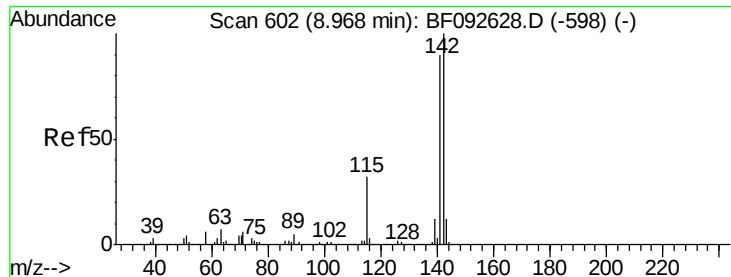
mohammad
 2/15/2017 9:06:00 AM



#36
 4-Chloro-3-methylphenol
 Concen: 37.43 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.3	28.9
142	77.4	59.0	88.6





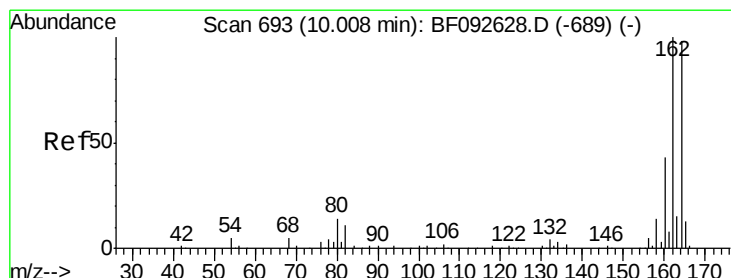
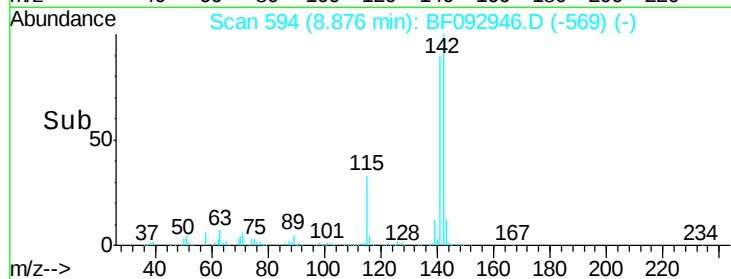
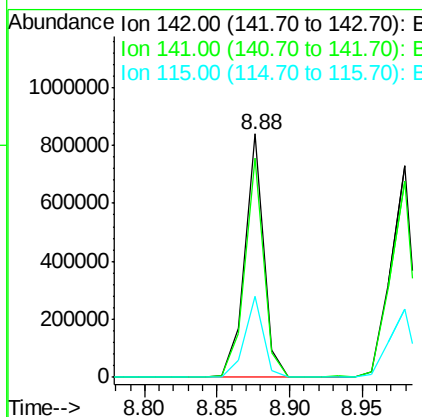
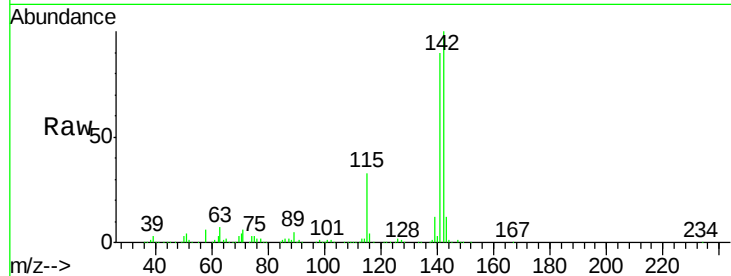
#37
 2-Methylnaphthalene
 Concen: 35.65 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	33.4	28.3	42.5

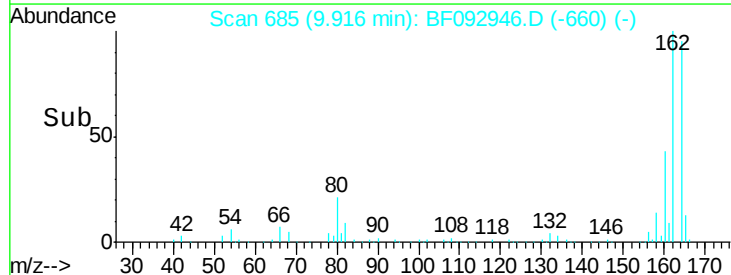
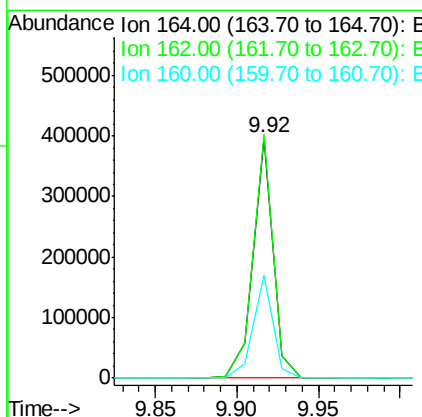
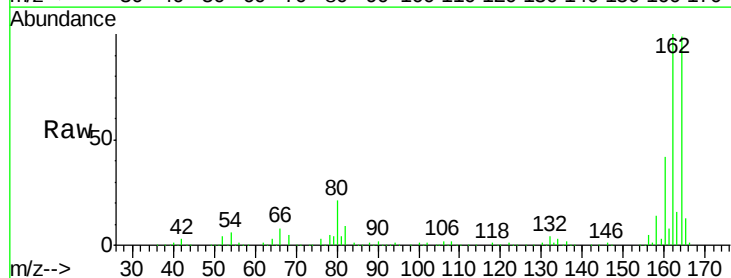
Manual Integrations
 APPROVED

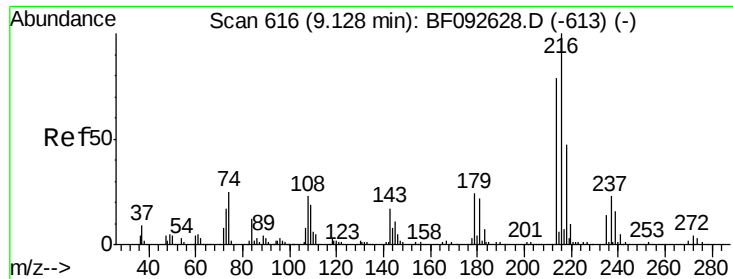
mohammad
 2/15/2017 9:06:00 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	43.0	36.9	55.3





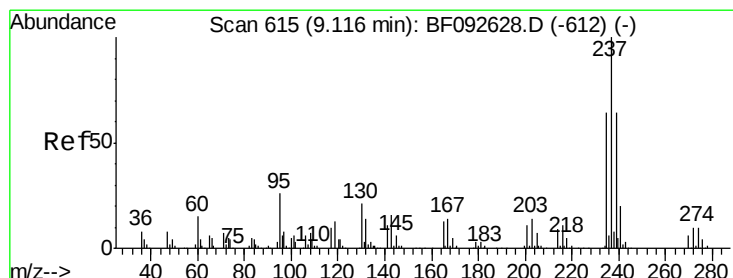
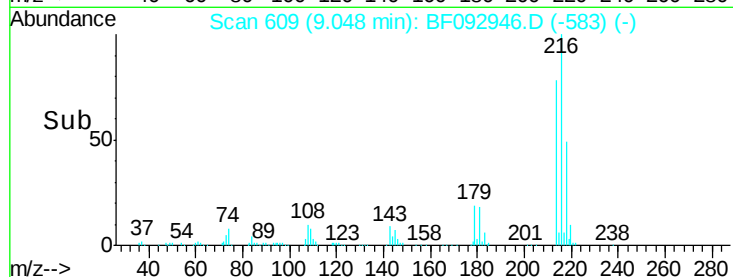
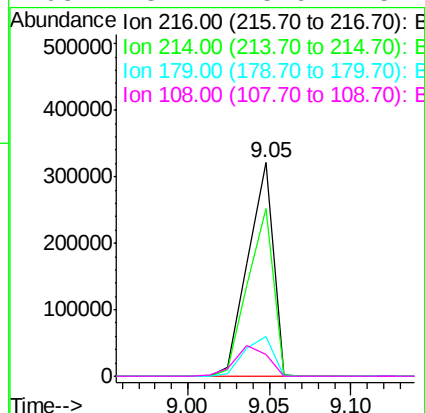
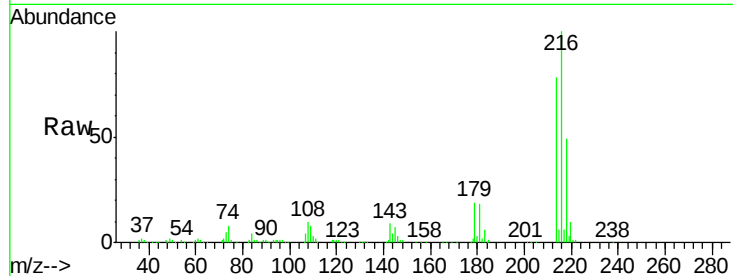
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.62 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.1	17.4	26.2
108	18.2	15.6	23.4

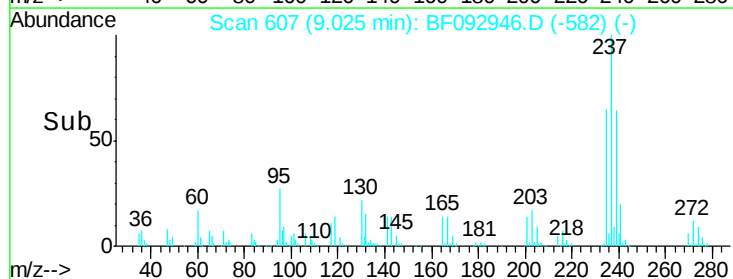
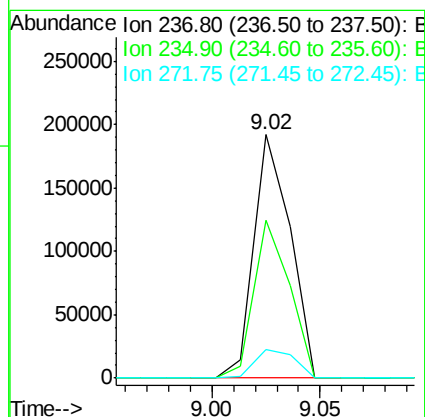
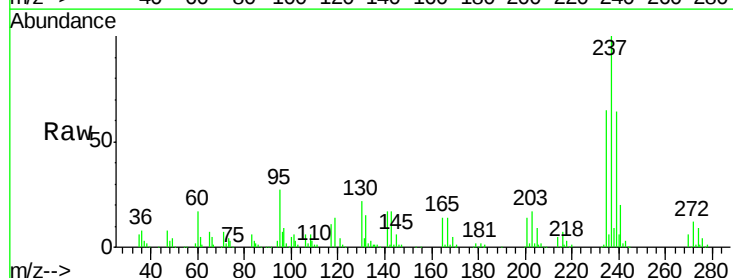
Manual Integrations
 APPROVED

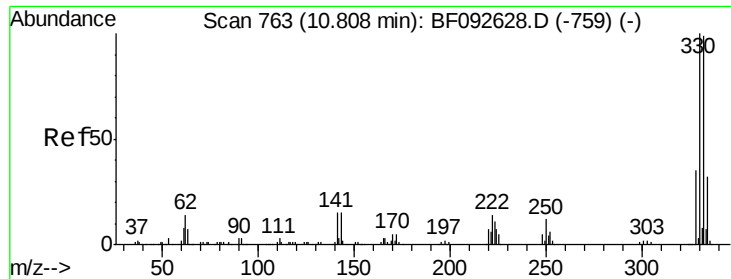
mohammad
 2/15/2017 9:06:00 AM



#40
 Hexachlorocyclopentadiene
 Concen: 52.43 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.6	41.2	81.2
272	11.7	0.0	35.4





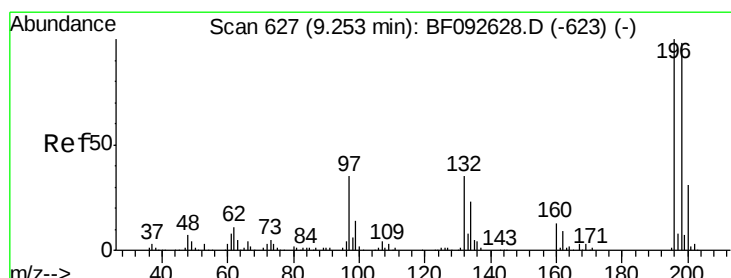
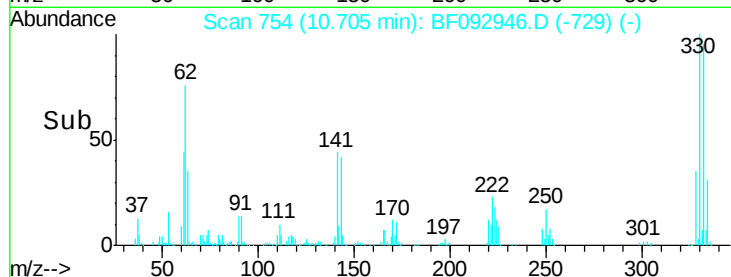
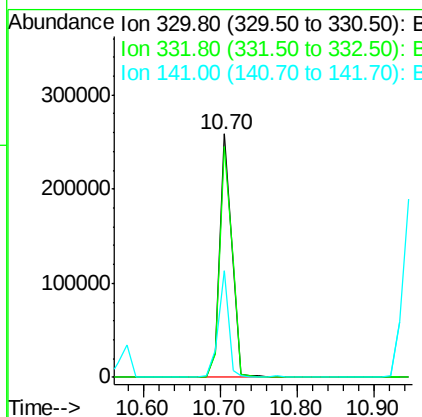
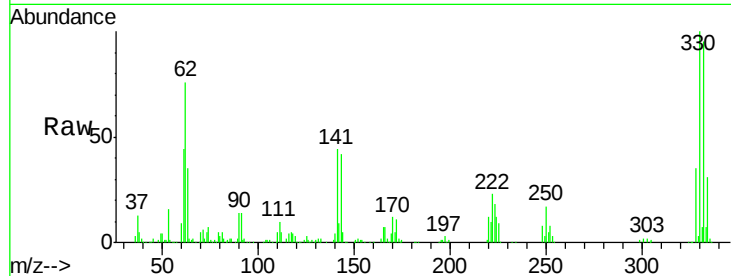
#41
 2,4,6-Tribromophenol
 Concen: 117.02 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285788		
332	97.2	77.4	116.2	
141	37.0	34.1	51.1	

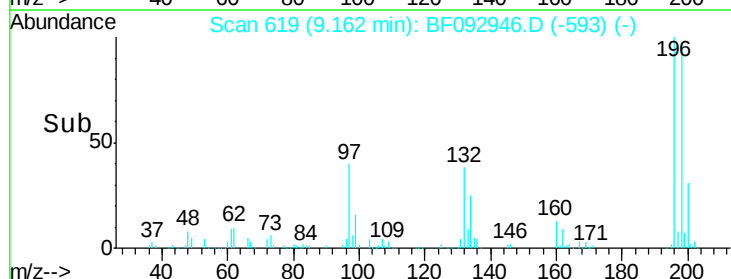
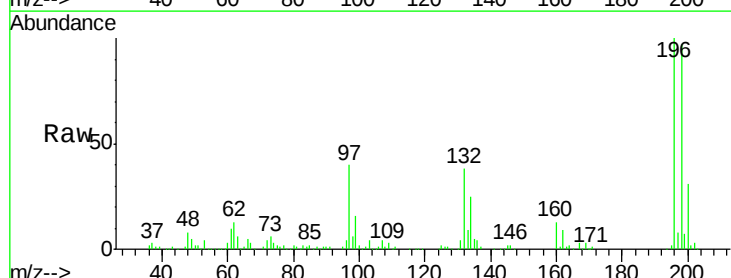
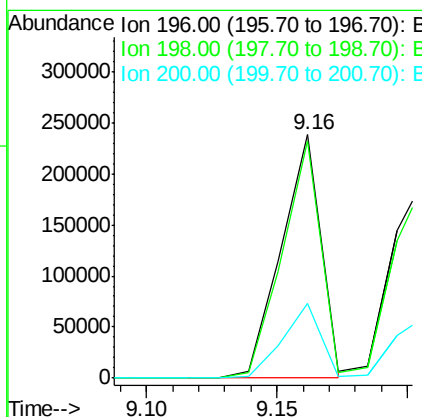
Manual Integrations
 APPROVED

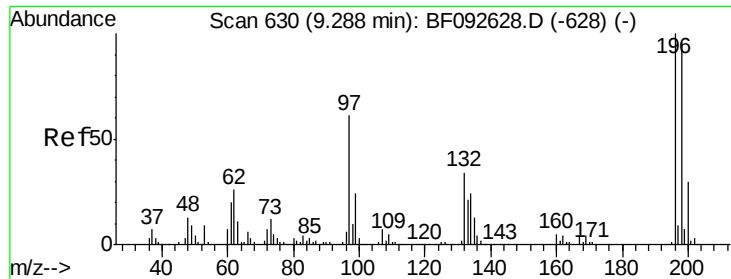
mohammad
 2/15/2017 9:06:00 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.26 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

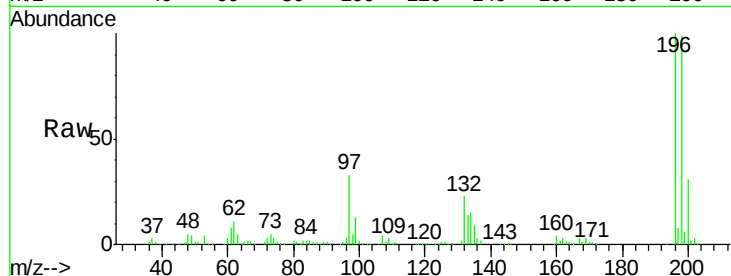
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250752		
198	97.4	82.1	123.1	
200	30.6	27.0	40.4	





#43
 2,4,5-Trichlorophenol
 Concen: 36.04 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

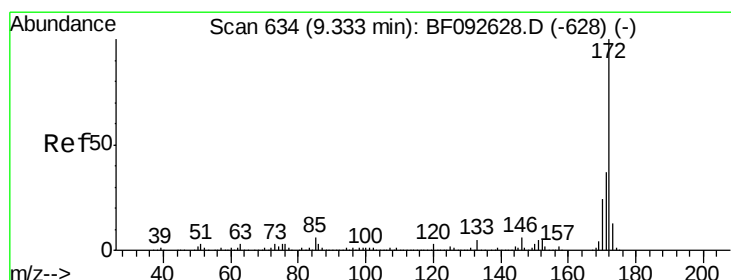
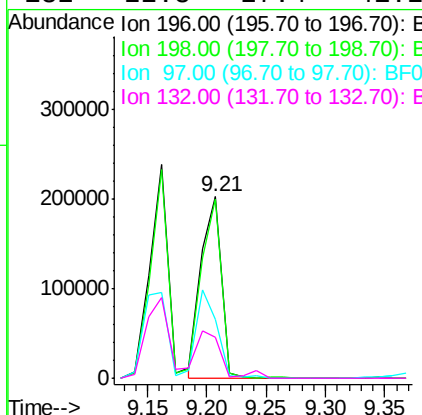
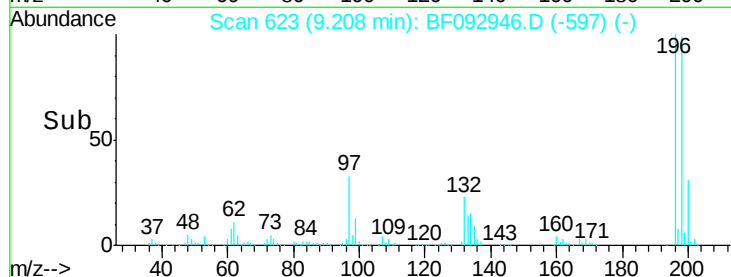
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS



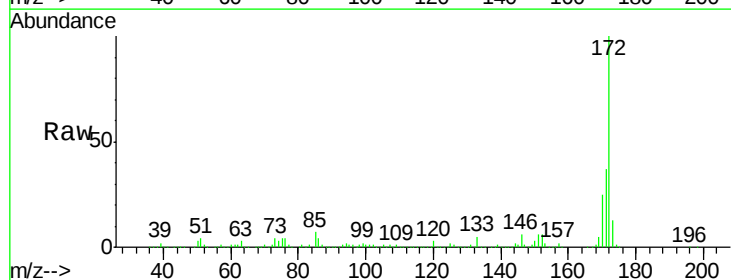
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245940		
198	98.7	79.4	119.2	
97	32.5	51.5	77.3	
132	22.8	27.4	41.2	

Manual Integrations
 APPROVED

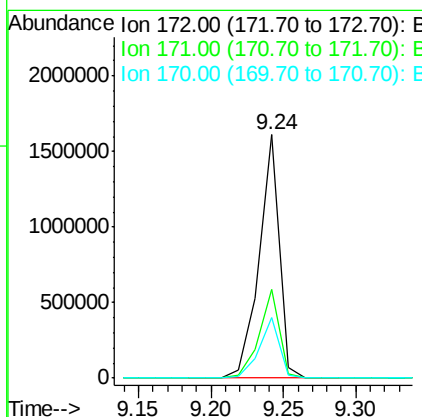
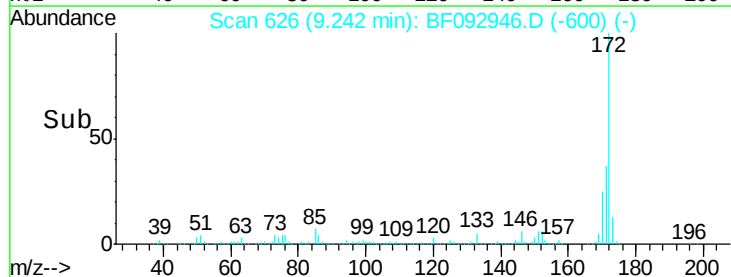
mohammad
 2/15/2017 9:06:00 AM



#44
 2-Fluorobiphenyl
 Concen: 83.41 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1554561		
171	36.6	29.4	44.0	
170	24.7	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 39.23 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

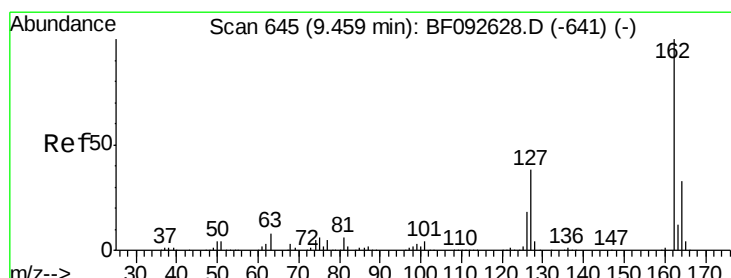
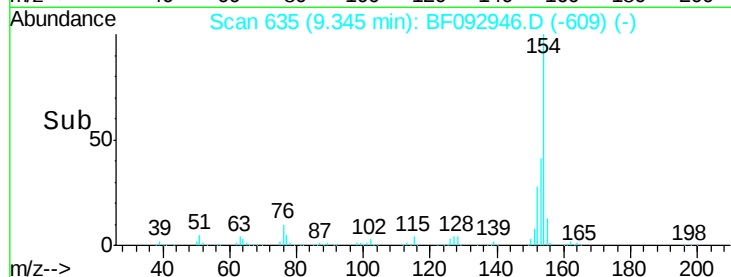
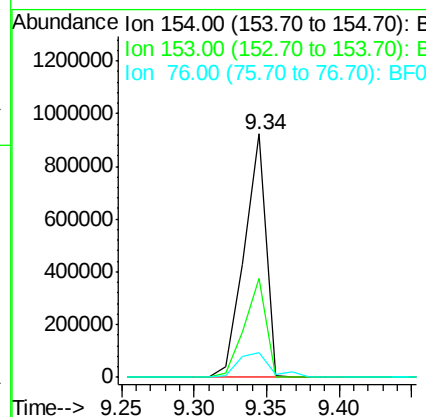
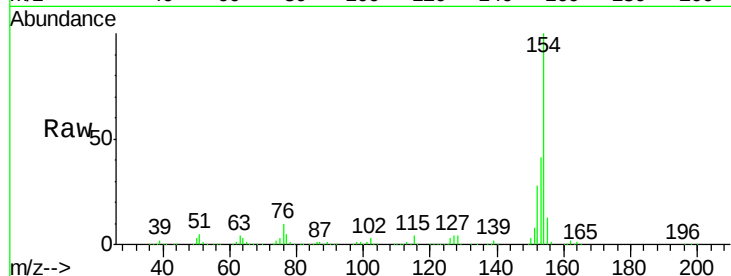
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	154	Resp:	959228
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.9	60.9
76	10.1	0.0	30.5

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#46

2-Chloronaphthalene

Concen: 40.33 ng

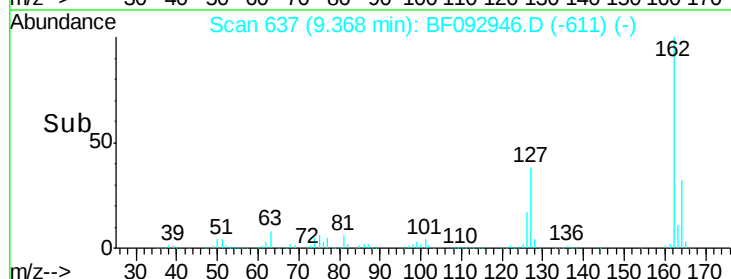
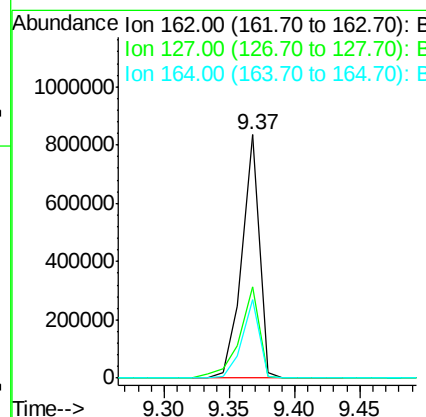
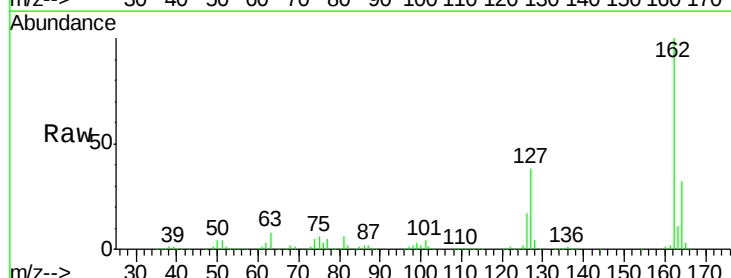
RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:	162	Resp:	771319
Ion Ratio	Lower	Upper	
162	100		
127	37.7	30.7	46.1
164	32.1	27.6	41.4





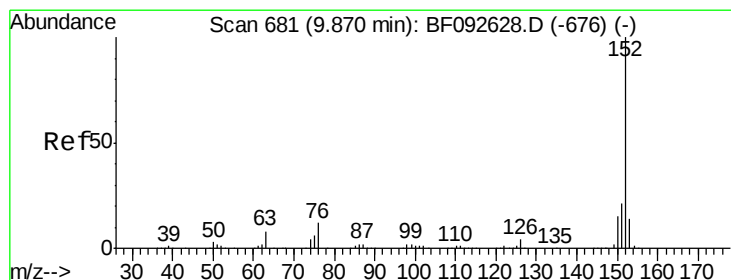
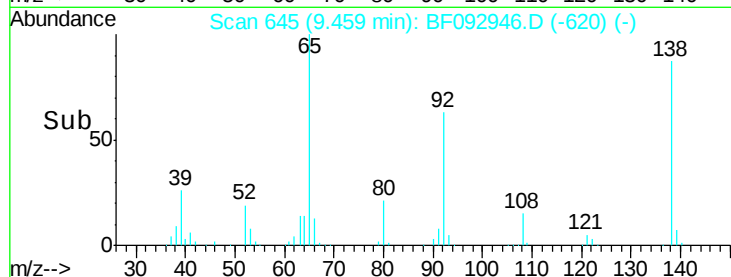
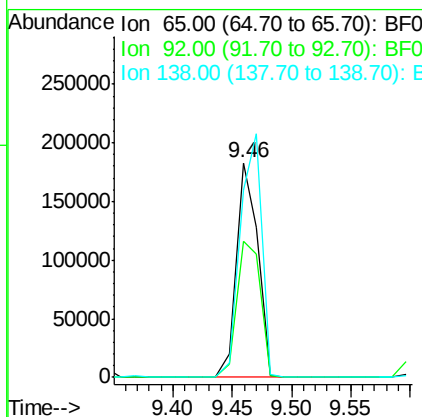
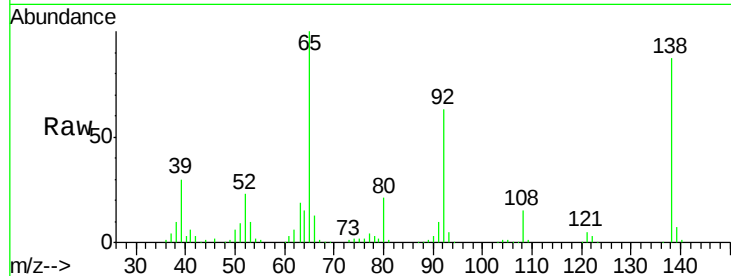
#47
2-Nitroaniline
Concen: 35.60 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	53.9	80.9
138	87.4	76.8	115.2

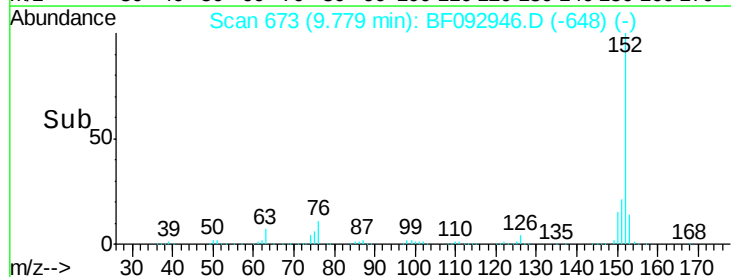
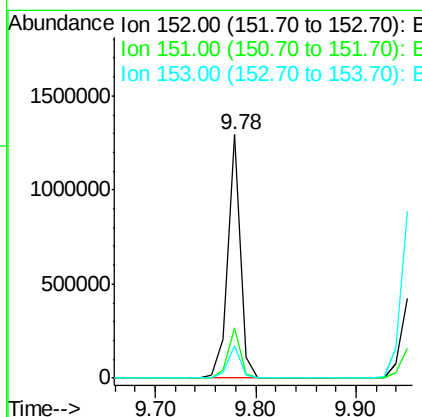
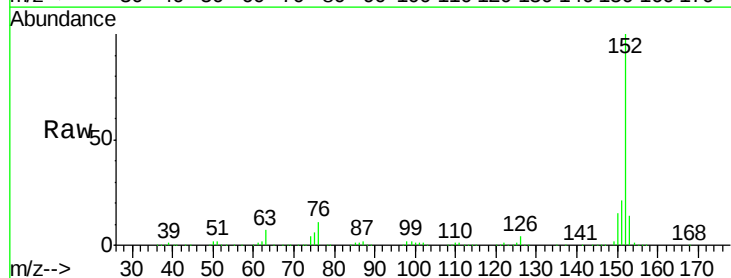
Manual Integrations
APPROVED

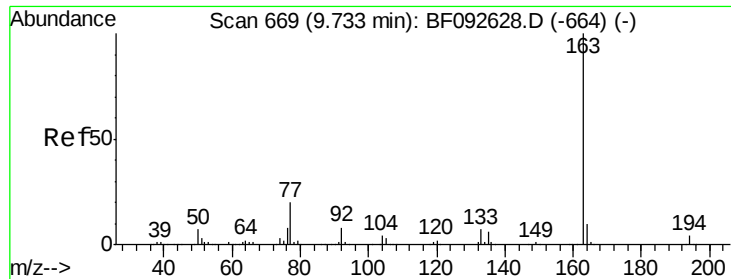
mohammad
2/15/2017 9:06:00 AM



#48
Acenaphthylene
Concen: 33.98 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.5	11.4	17.2





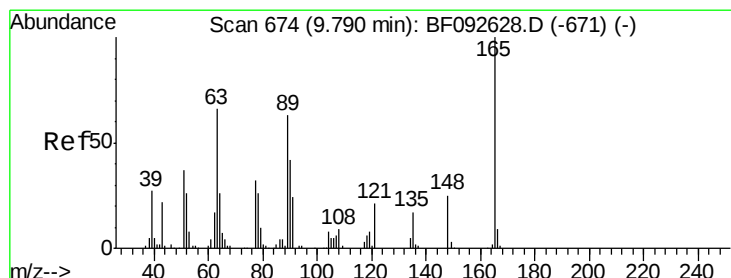
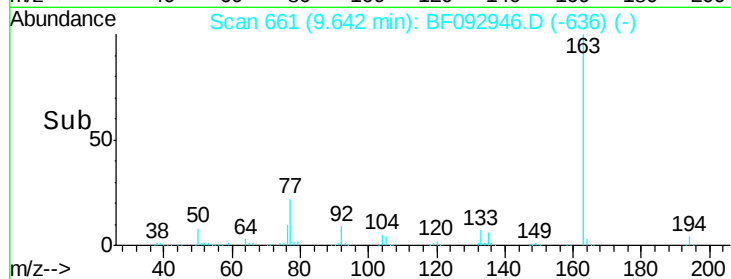
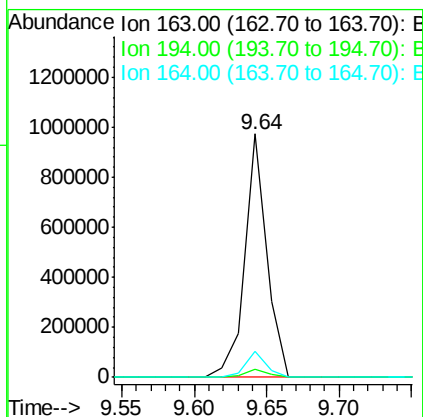
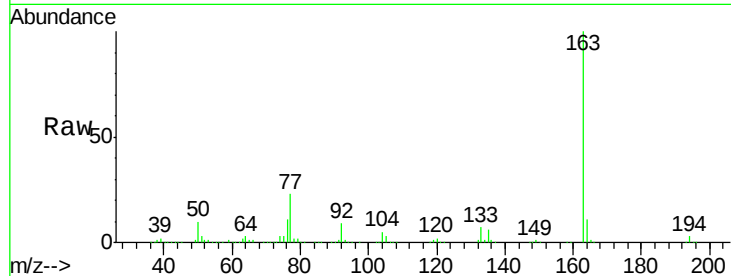
#49
Dimethylphthalate
Concen: 44.93 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion:163 Resp: 1021792
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.5 8.0 12.0

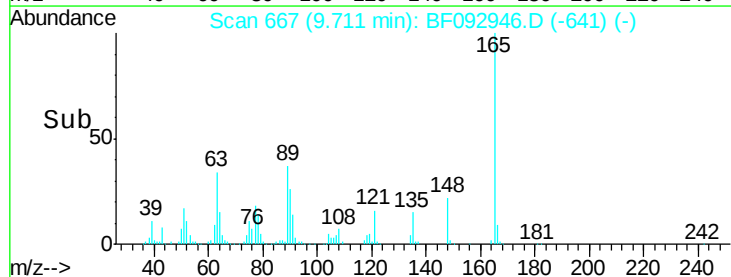
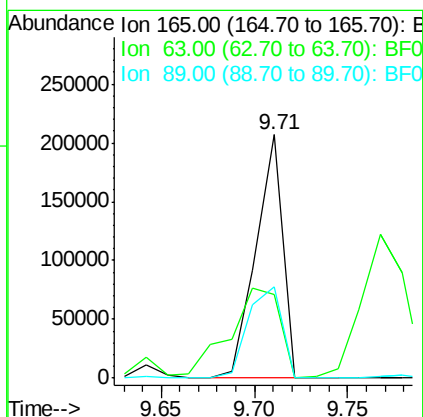
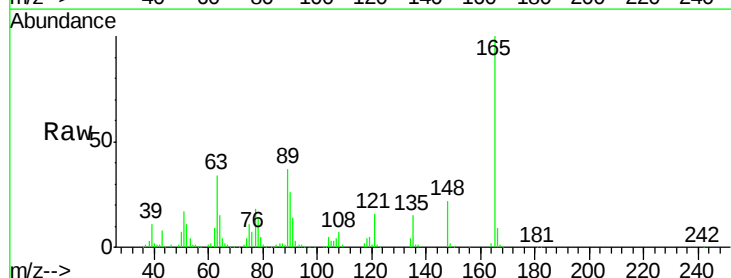
Manual Integrations
APPROVED

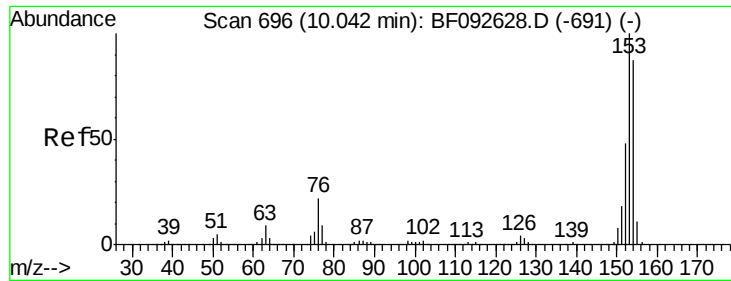
mohammad
2/15/2017 9:06:00 AM



#50
2,6-Dinitrotoluene
Concen: 42.76 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion:165 Resp: 210008
Ion Ratio Lower Upper
165 100
63 34.5 36.2 54.4#
89 37.4 40.2 60.4#





#51

Acenaphthene

Concen: 34.33 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

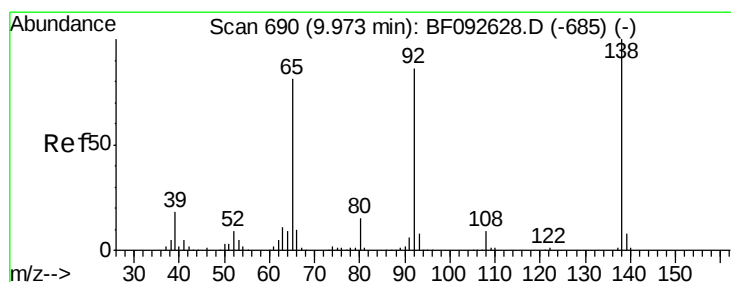
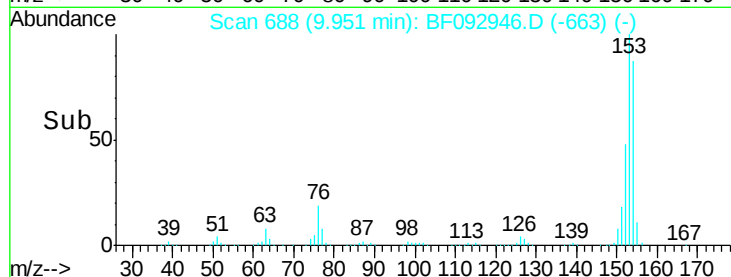
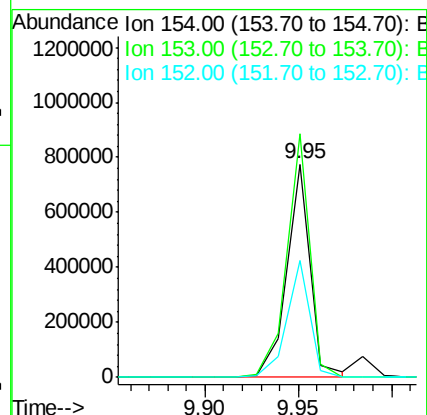
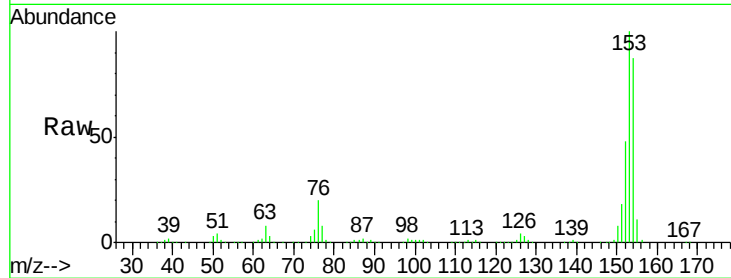
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	154	Resp:	678273
Ion Ratio	Lower	Upper	
154	100		
153	114.4	88.6	133.0
152	54.6	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#52

3-Nitroaniline

Concen: 23.53 ng

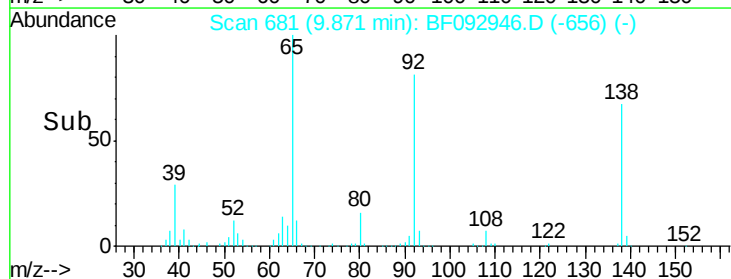
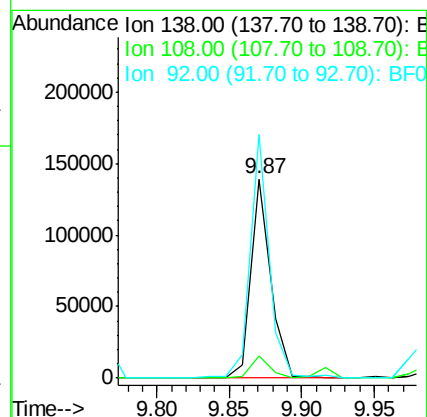
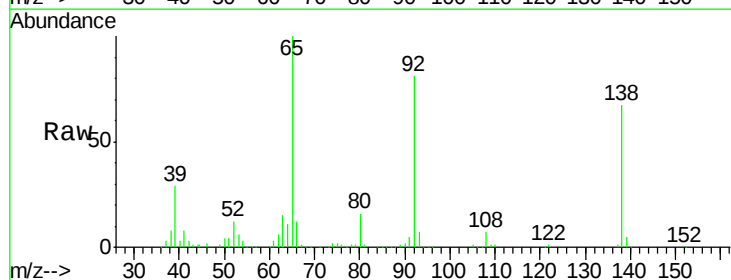
RT: 9.87 min Scan# 681

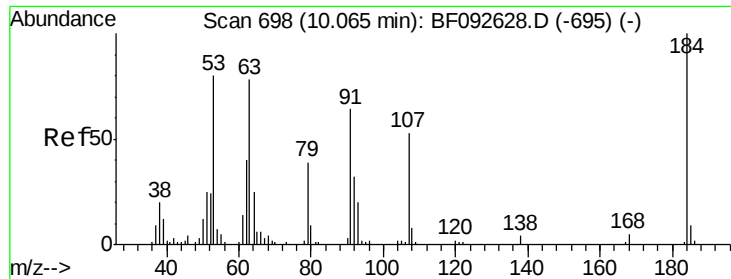
Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

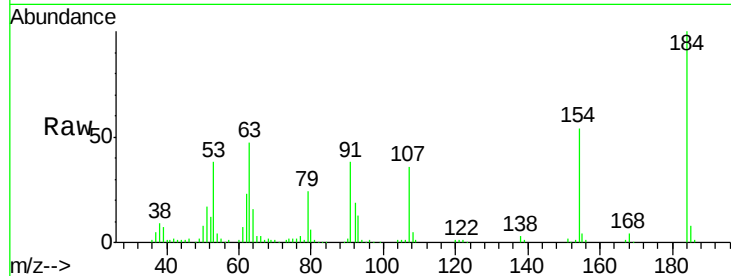
Tgt Ion:	138	Resp:	132249
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.5	12.7
92	122.2	97.8	146.8





#53
2,4-Dinitrophenol
Concen: 52.64 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

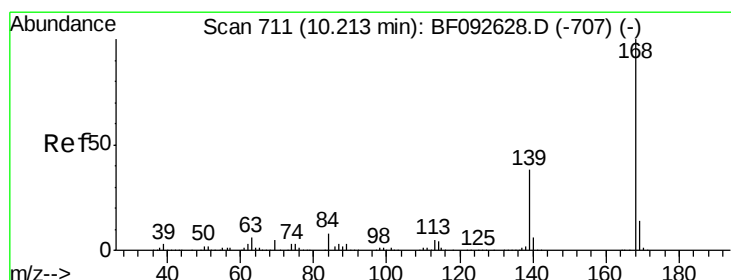
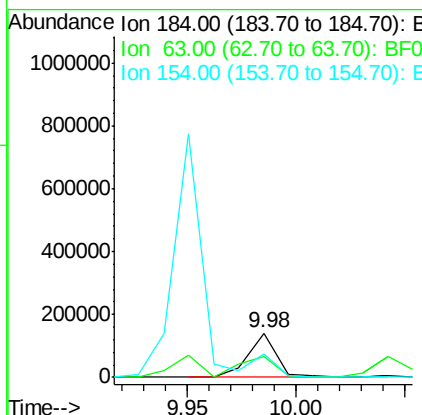
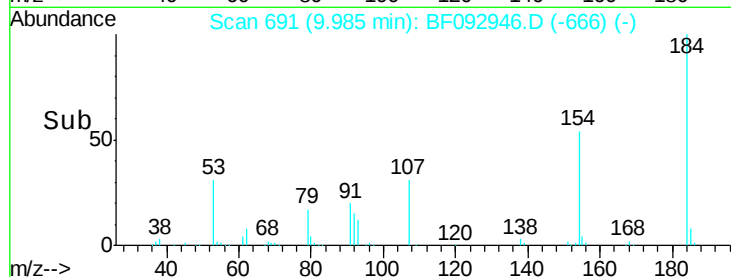
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	127241		
63	47.4	28.4	42.6	
154	54.2	44.3	66.5	

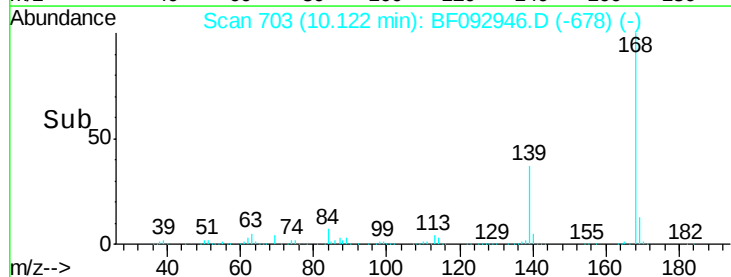
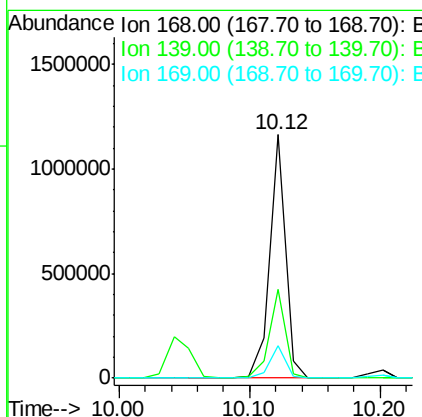
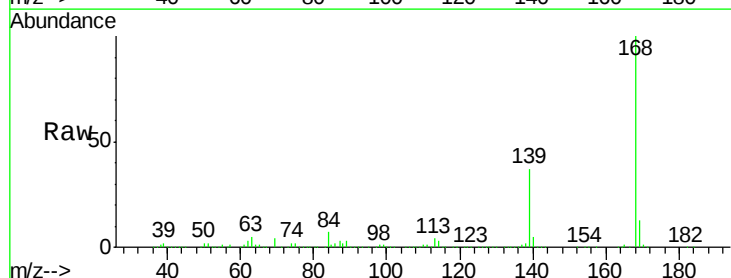
Manual Integrations
APPROVED

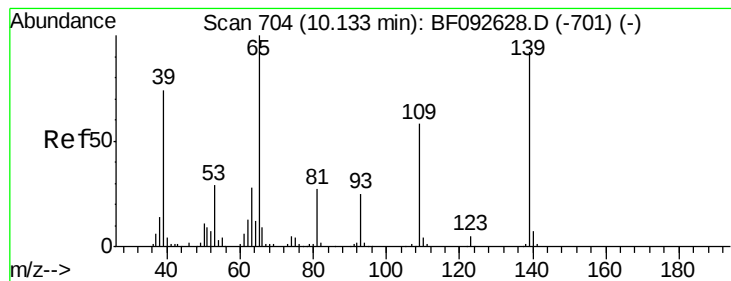
mohammad
2/15/2017 9:06:00 AM



#54
Dibenzofuran
Concen: 37.60 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	993450		
139	36.6	32.6	49.0	
169	13.4	11.3	16.9	





#55

4-Nitrophenol

Concen: 62.85 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

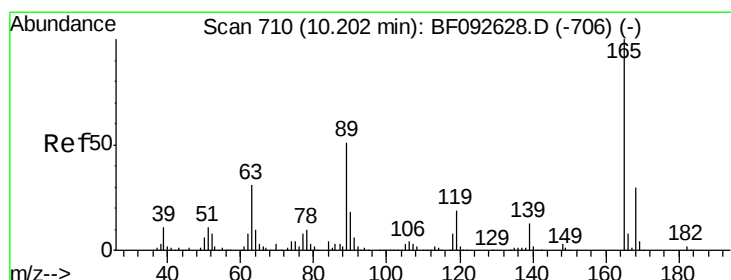
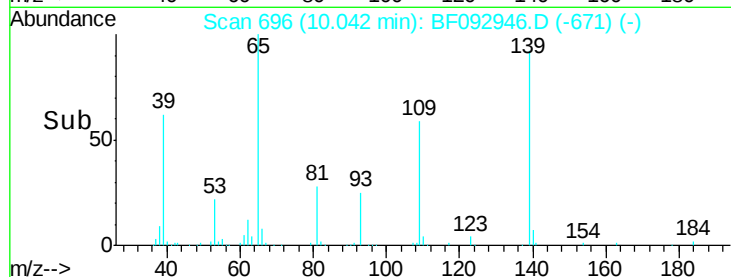
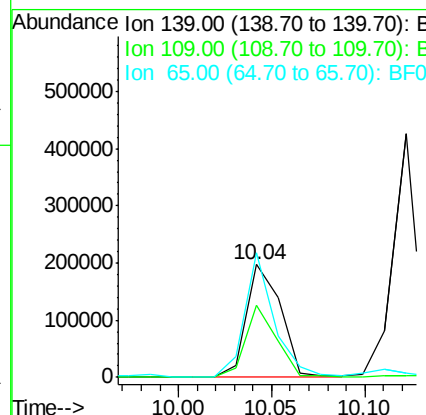
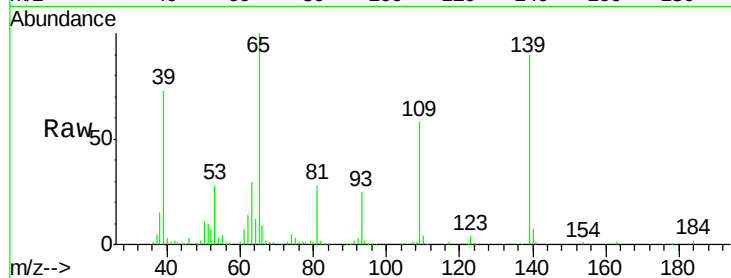
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	139	Resp:	254438
Ion Ratio	Lower	Upper	
139	100		
109	64.6	52.2	92.2
65	110.8	85.8	125.8

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#56

2,4-Dinitrotoluene

Concen: 39.68 ng

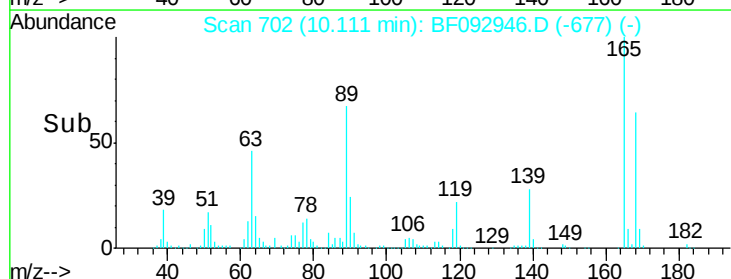
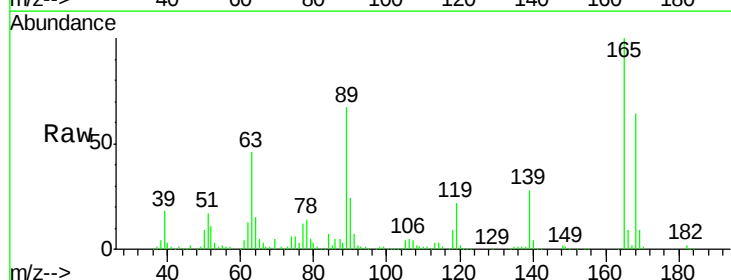
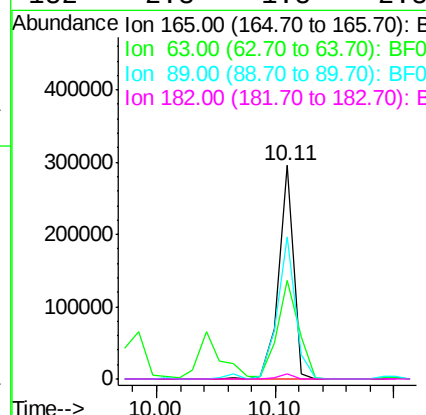
RT: 10.11 min Scan# 702

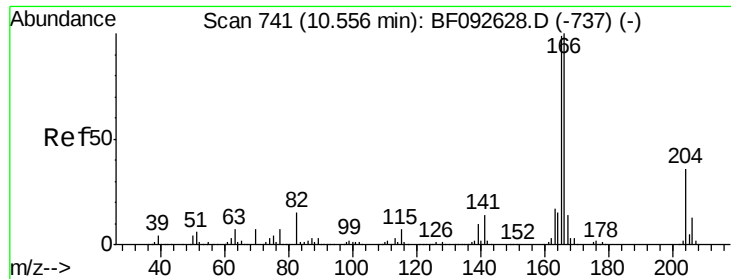
Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:	165	Resp:	259500
Ion Ratio	Lower	Upper	
165	100		
63	46.2	40.2	60.4
89	66.6	62.5	93.7
182	2.3	1.8	2.8





#57

Fluorene

Concen: 38.64 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

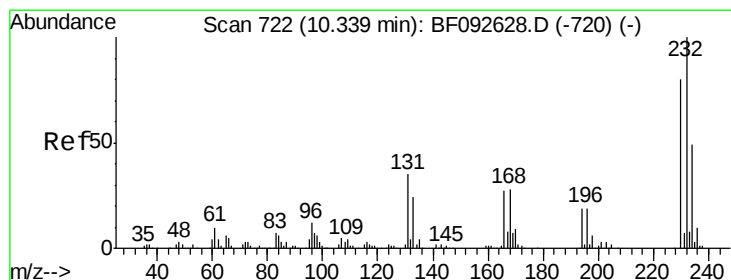
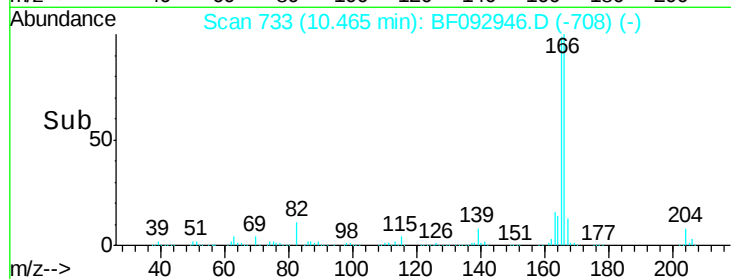
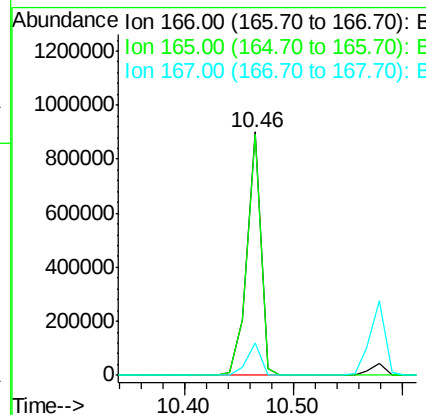
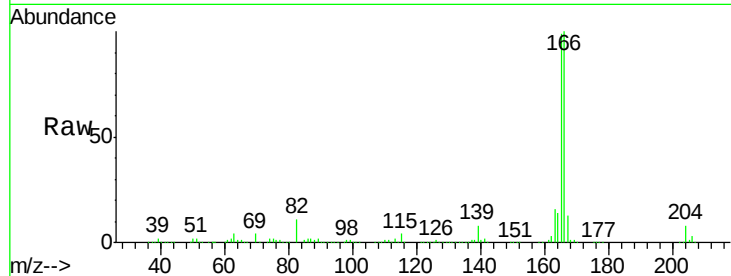
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	166	Resp:	785501
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.8	116.8
167	13.1	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.04 ng

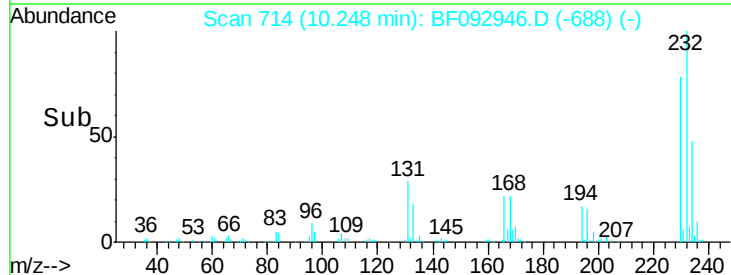
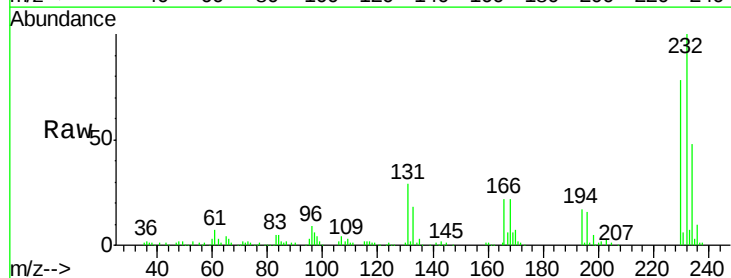
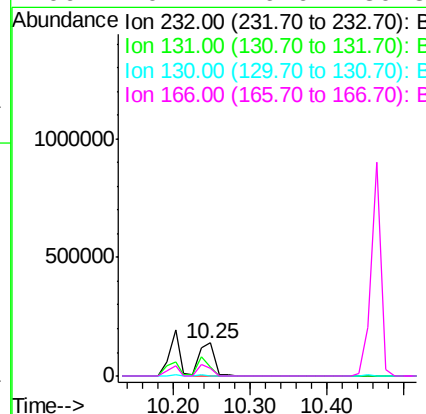
RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:	232	Resp:	191398
Ion Ratio	Lower	Upper	
232	100		
131	46.4	40.1	60.1
130	2.0	1.8	2.8
166	29.1	26.6	39.8





#59

Diethylphthalate

Concen: 37.55 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

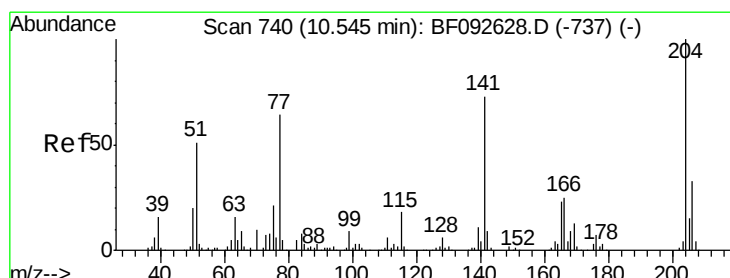
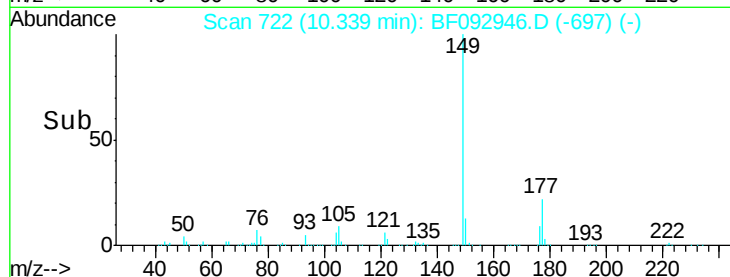
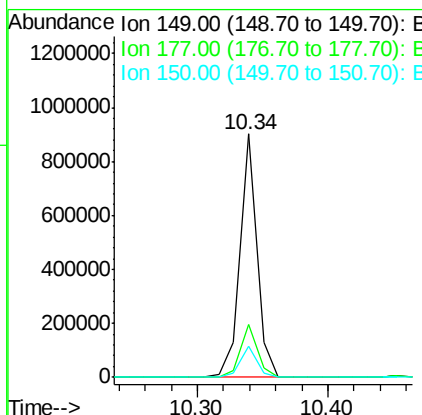
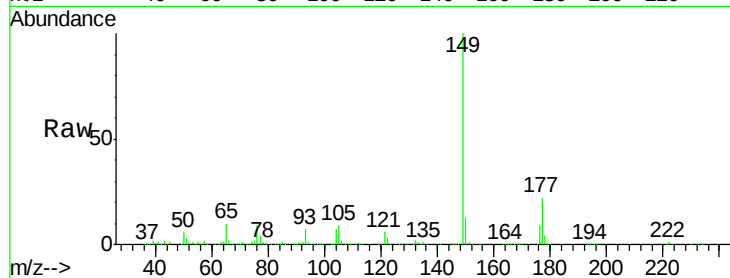
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	149	Resp:	804841
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.6	25.0
150	12.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#60

4-Chlorophenyl-phenylether

Concen: 33.83 ng

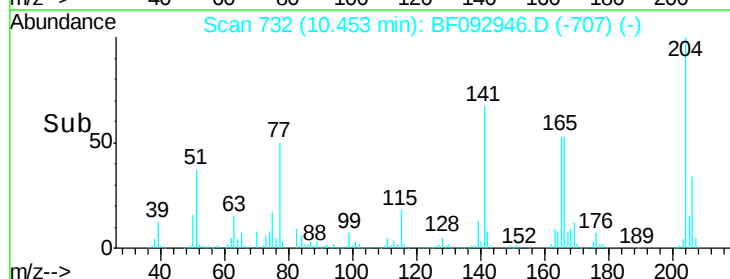
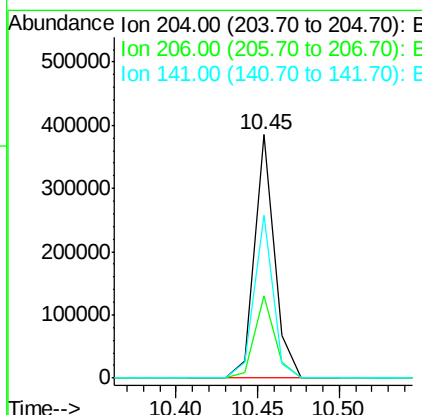
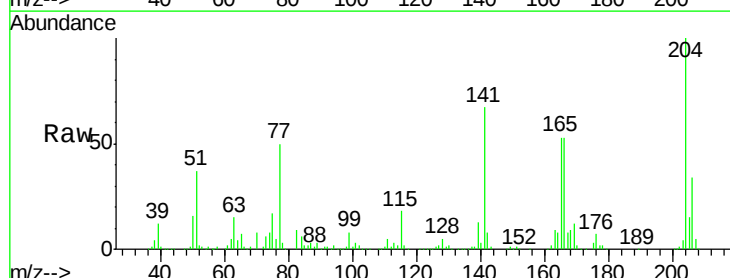
RT: 10.45 min Scan# 732

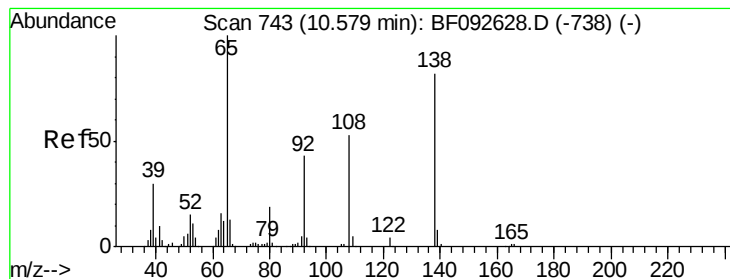
Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

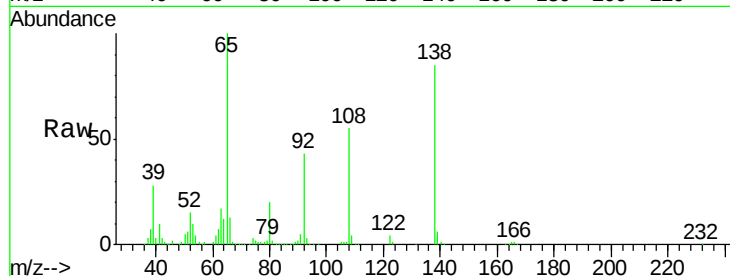
Tgt Ion:	204	Resp:	330385
Ion Ratio	Lower	Upper	
204	100		
206	34.0	25.8	38.6
141	66.7	59.4	89.0





#61
4-Nitroaniline
Concen: 30.96 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

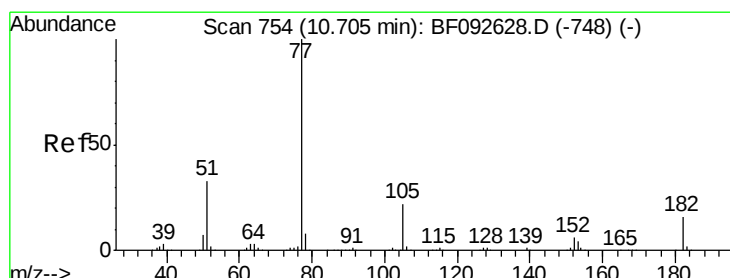
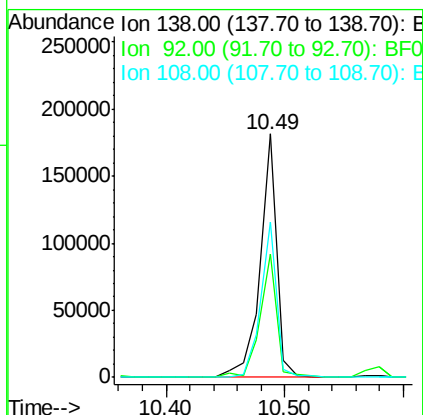
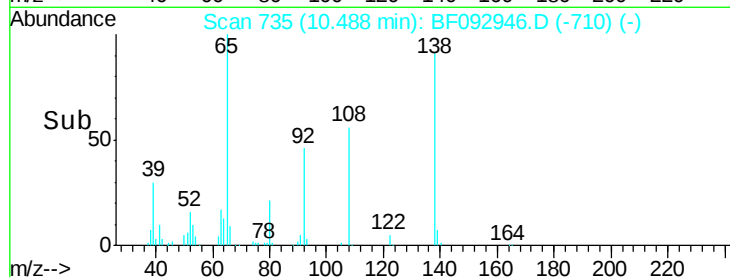
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	178267		
92	50.8	31.7	71.7	
108	63.9	52.6	92.6	

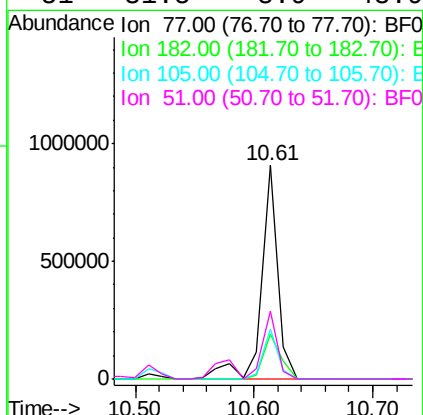
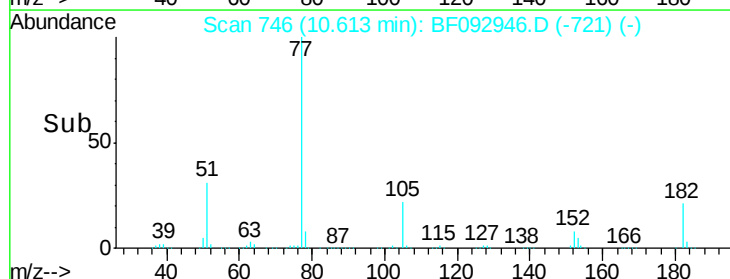
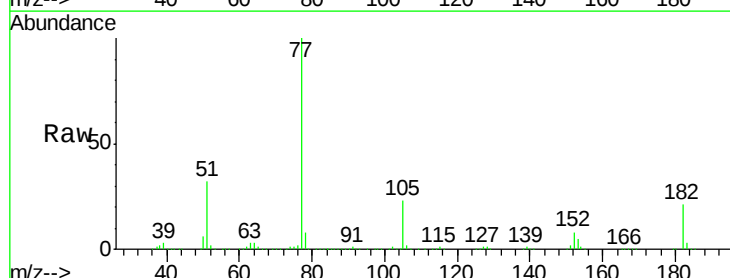
Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#62
Azobenzene
Concen: 39.38 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	872134		
182	21.1	0.0	39.3	
105	23.1	2.3	42.3	
51	31.5	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:188 Resp: 528207
Ion Ratio Lower Upper

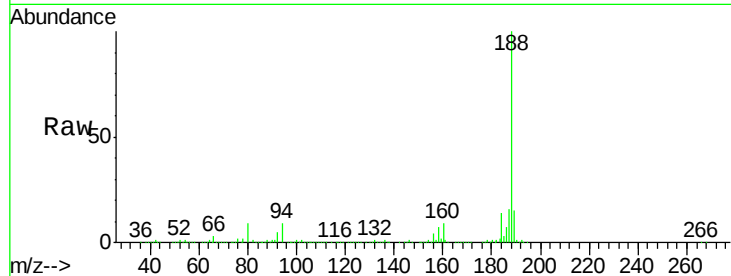
188 100

94 8.9 10.0 15.0#

80 8.8 11.2 16.8#

Manual Integrations
APPROVED

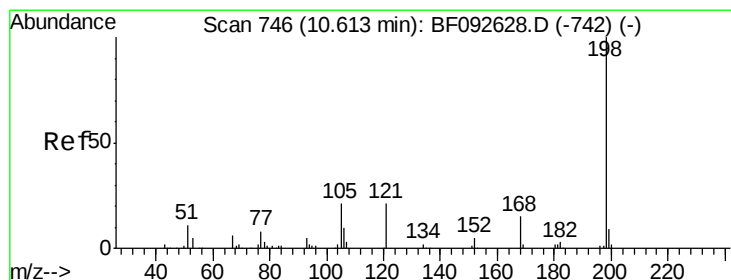
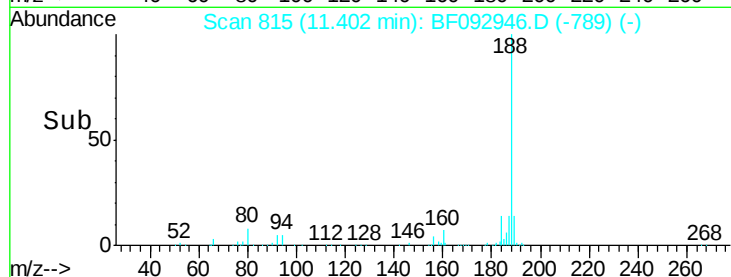
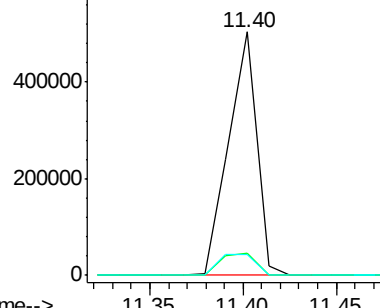
mohammad
2/15/2017 9:06:00 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.33 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092946.D

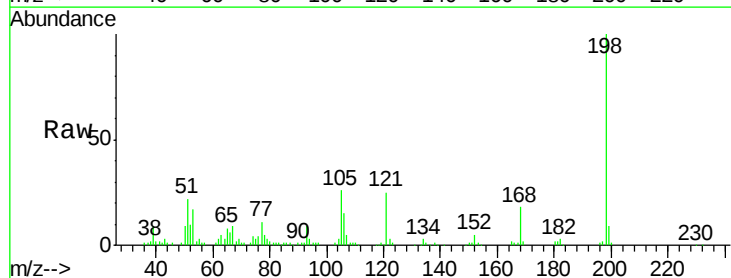
Acq: 14 Feb 2017 16:14

Tgt Ion:198 Resp: 121391
Ion Ratio Lower Upper

198 100

51 22.0 6.7 46.7

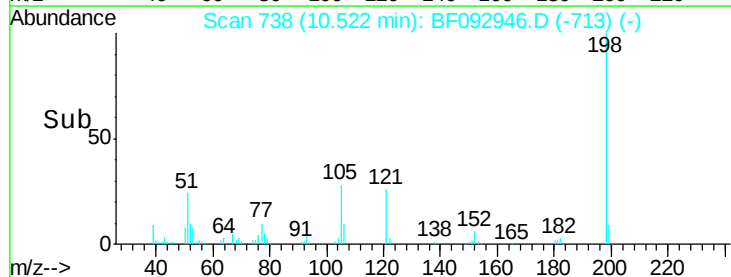
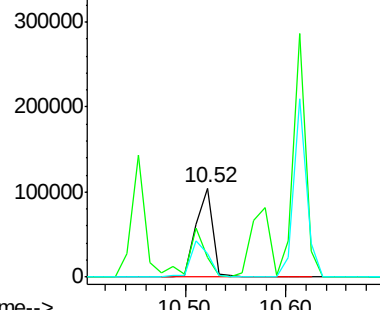
105 26.2 16.6 56.6

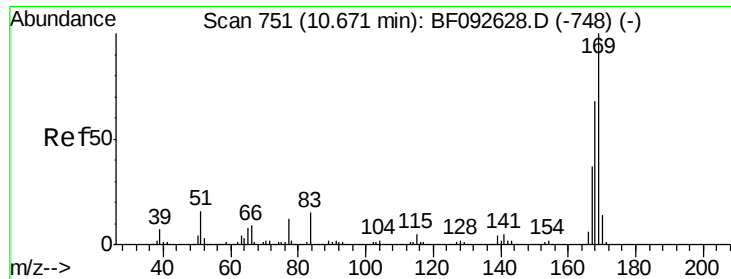


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





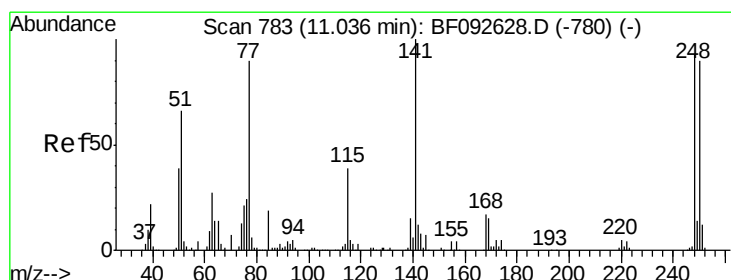
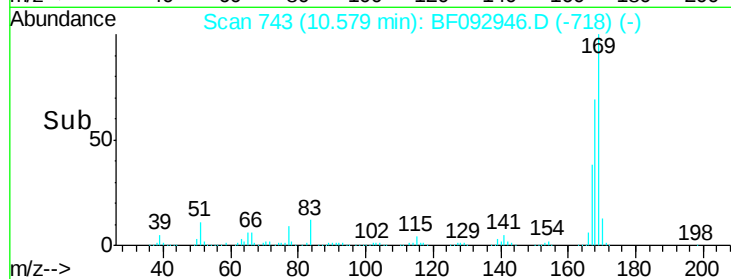
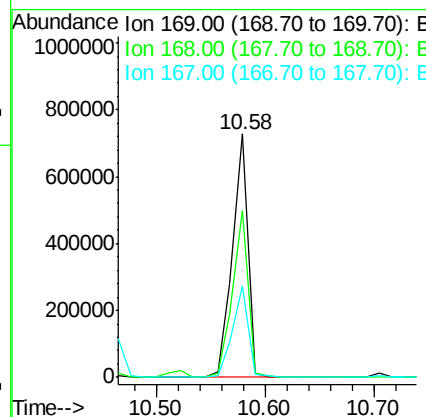
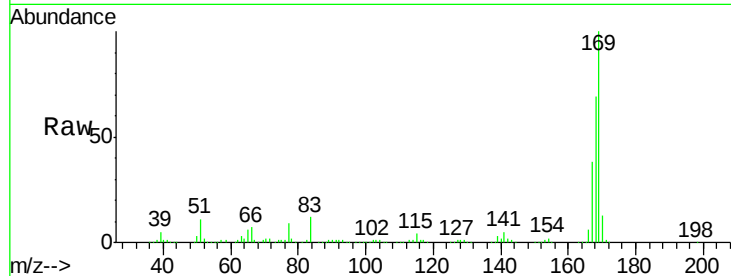
#65
n-Nitrosodiphenylamine
Concen: 42.41 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	715580		
168	68.6	54.2	81.2	
167	37.7	30.2	45.4	

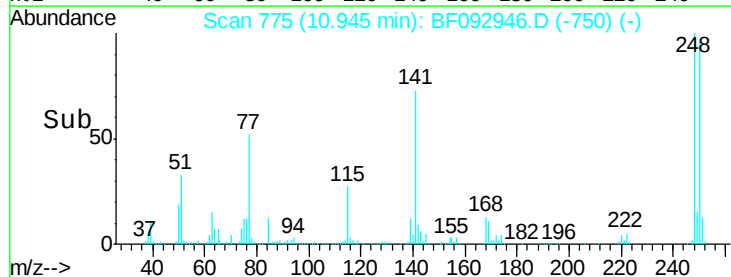
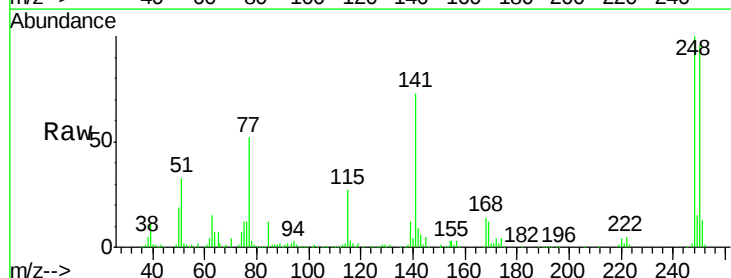
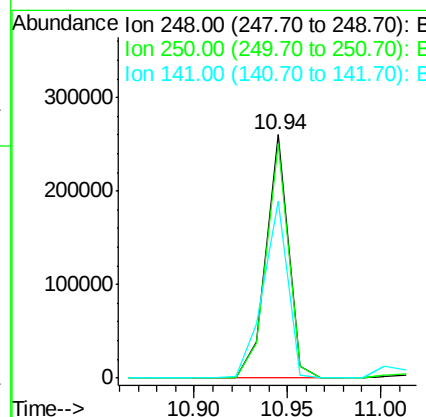
Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#66
4-Bromophenyl-phenylether
Concen: 38.81 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	214160		
250	96.3	76.9	115.3	
141	72.7	68.2	102.4	





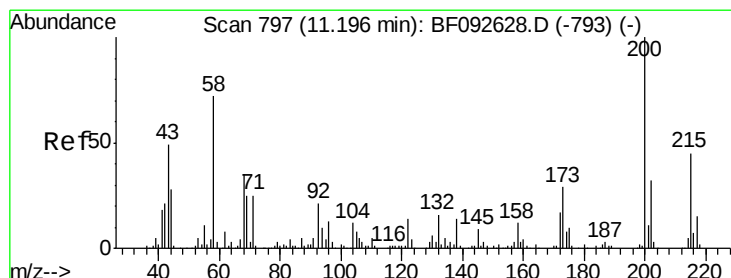
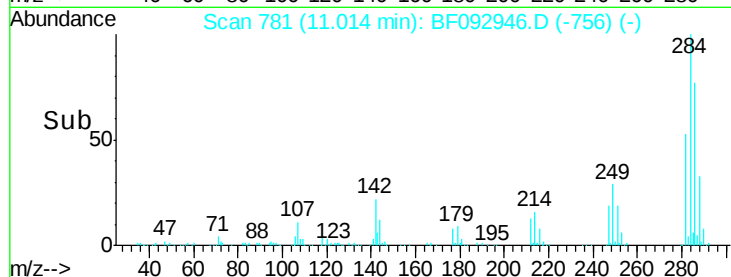
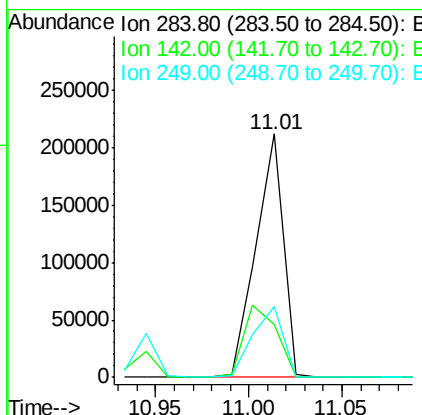
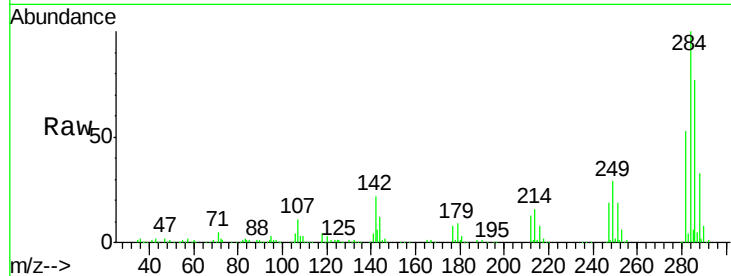
#67
Hexachlorobenzene
Concen: 39.33 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	214483		
142	22.0	22.6	33.8#	
249	29.3	25.4	38.0	

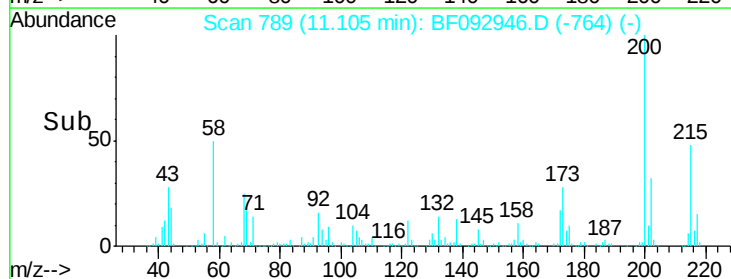
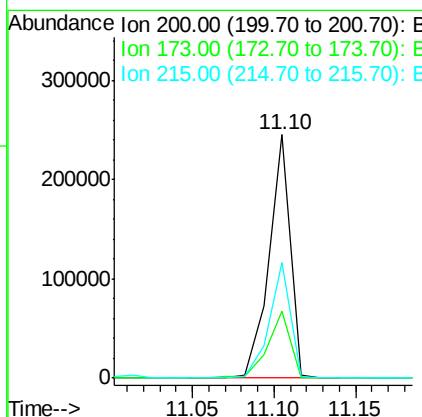
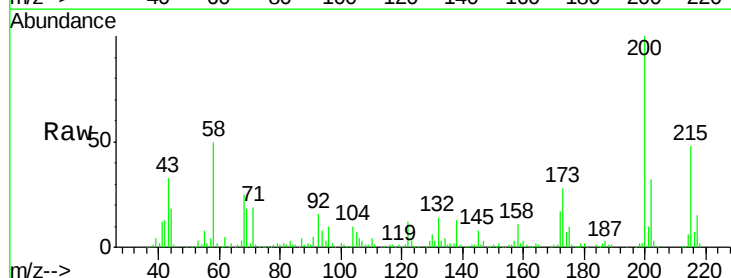
Manual Integrations
APPROVED

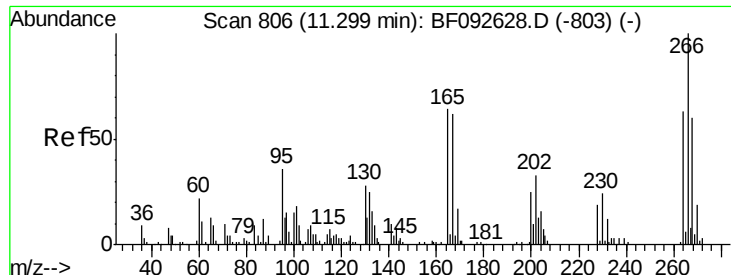
mohammad
2/15/2017 9:06:00 AM



#68
Atrazine
Concen: 41.07 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222370		
173	27.6	9.6	49.6	
215	47.6	25.7	65.7	





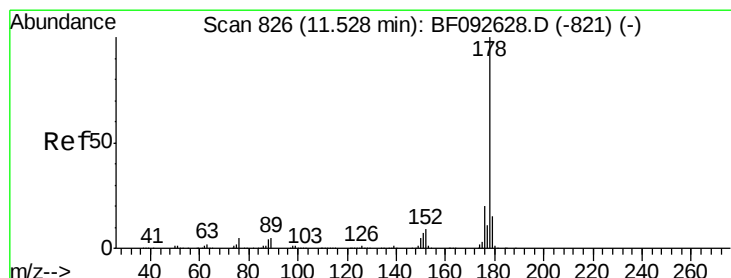
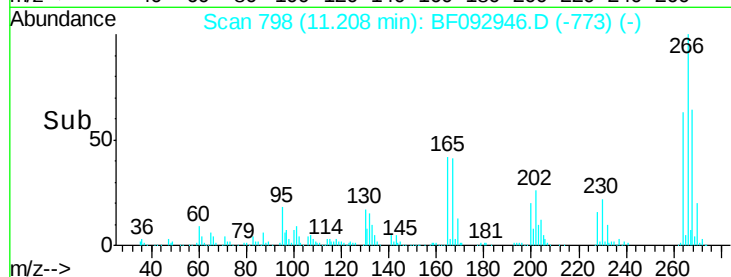
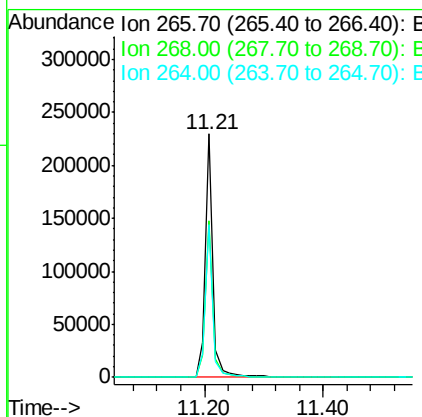
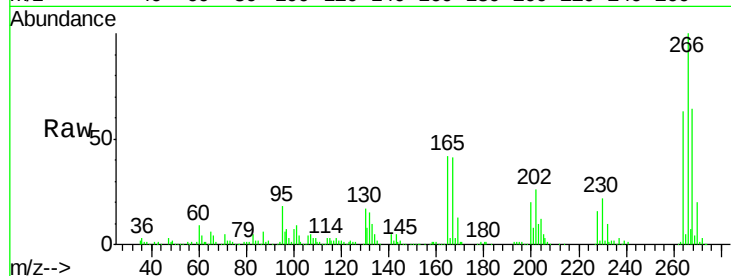
#69
 Pentachlorophenol
 Concen: 76.59 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	62.7	50.3	75.5

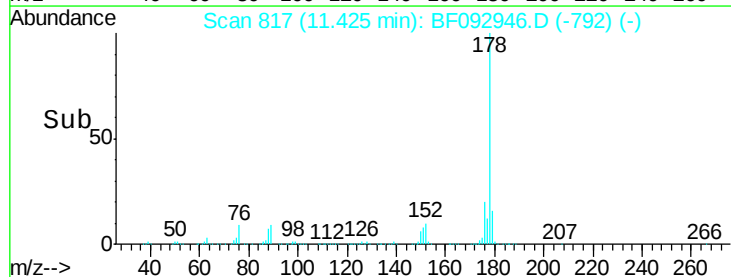
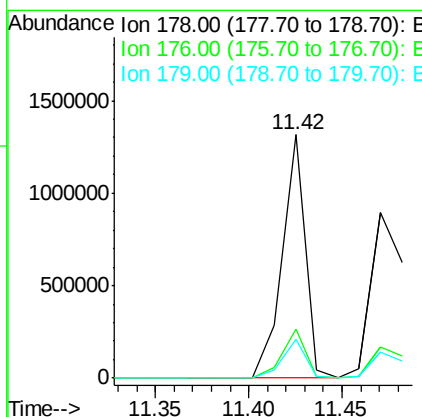
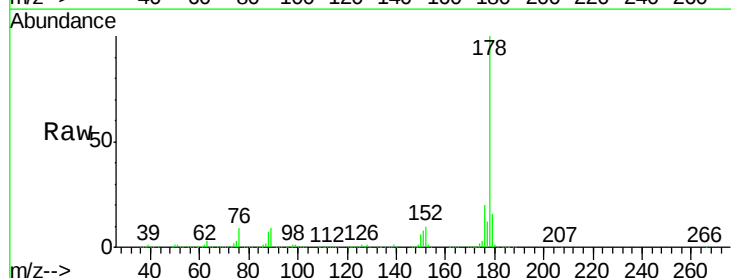
Manual Integrations
 APPROVED

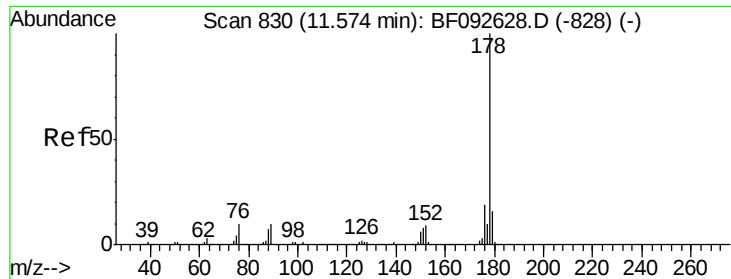
mohammad
 2/15/2017 9:06:00 AM



#70
 Phenanthrene
 Concen: 37.49 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.7	12.8	19.2





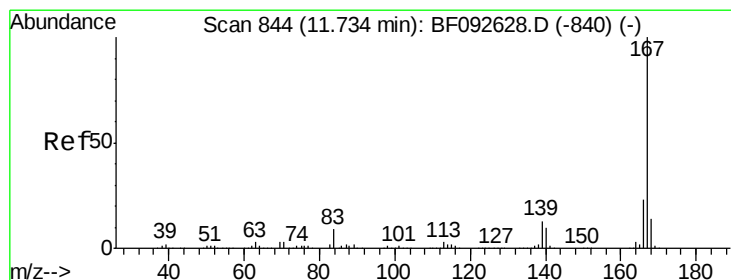
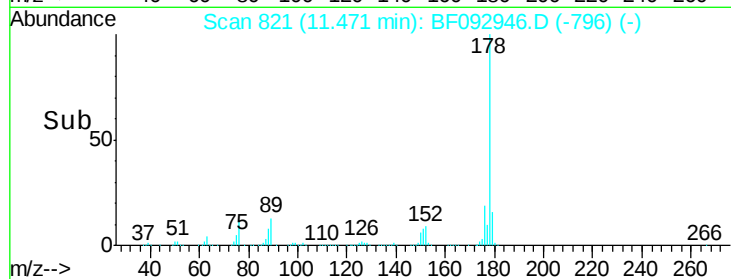
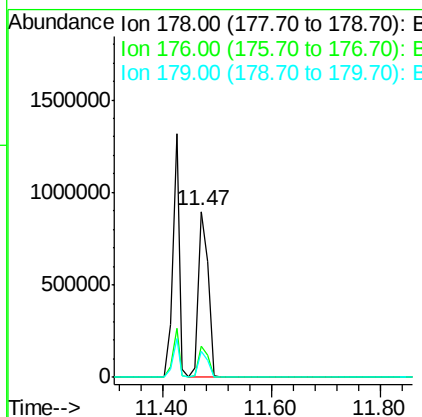
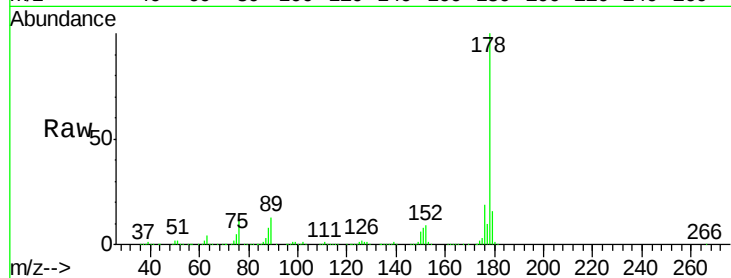
#71
 Anthracene
 Concen: 35.93 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion:178 Resp: 1091992
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.8 13.2 19.8

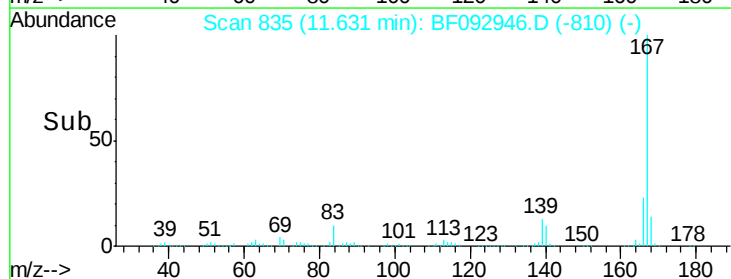
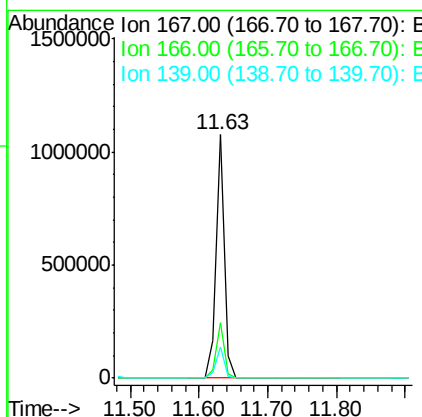
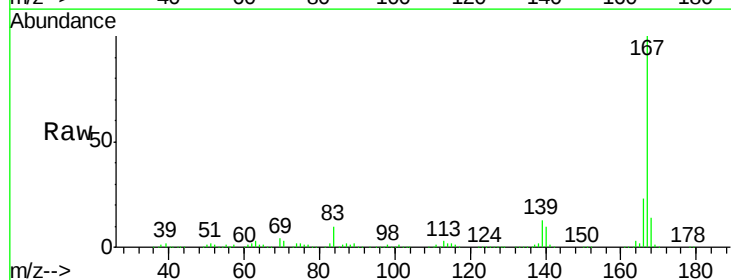
Manual Integrations
 APPROVED

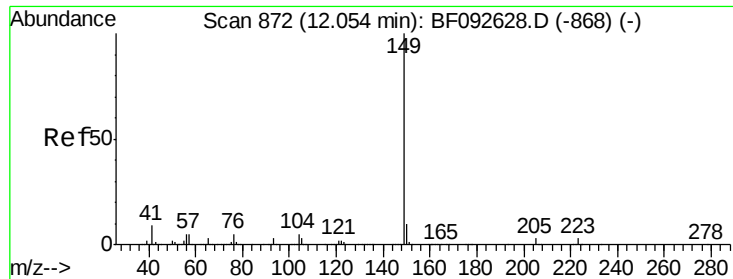
mohammad
 2/15/2017 9:06:00 AM



#72
 Carbazole
 Concen: 32.04 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion:167 Resp: 930848
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.36 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:149 Resp: 1330786

Ion Ratio Lower Upper

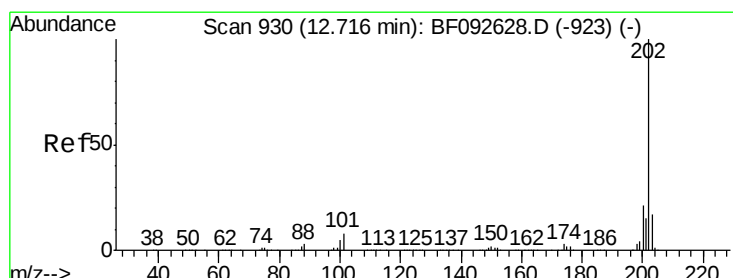
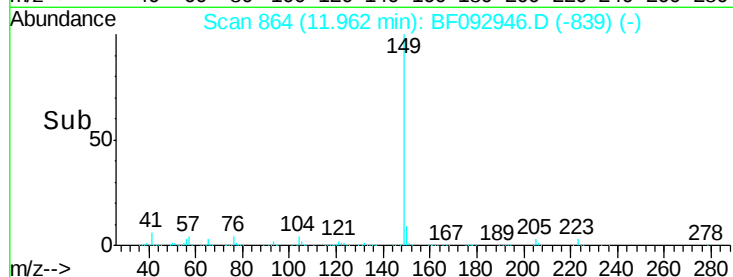
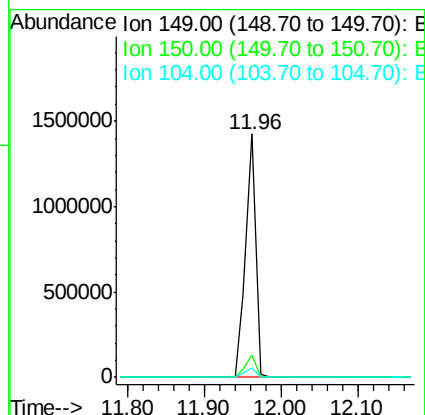
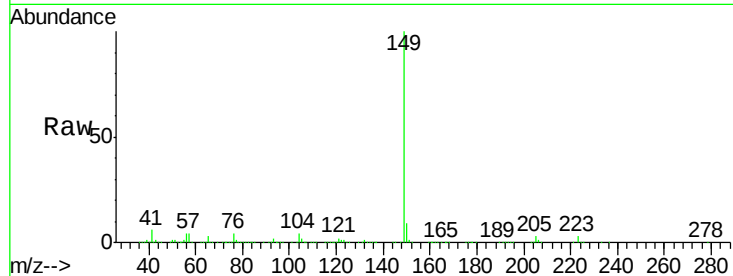
149 100

150 9.3 8.1 12.1

104 3.9 4.6 7.0#

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#74

Fluoranthene

Concen: 35.50 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

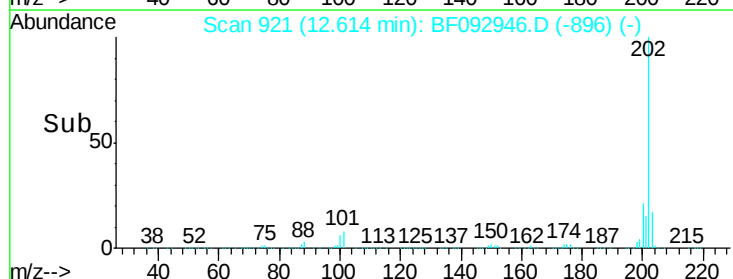
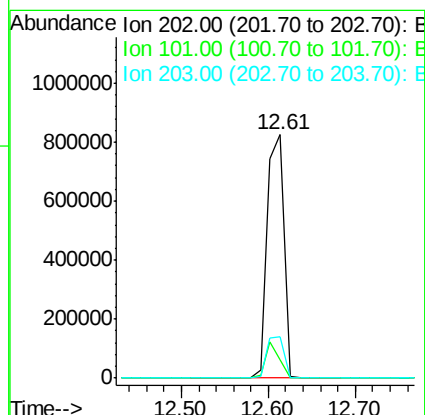
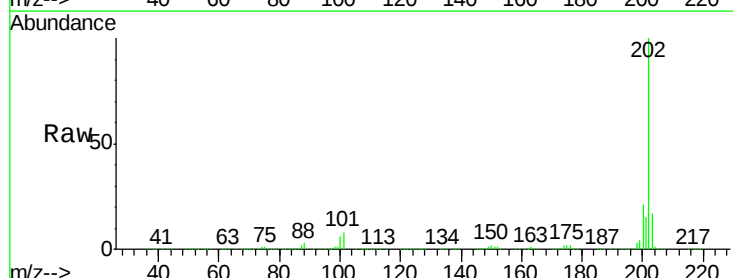
Tgt Ion:202 Resp: 1107994

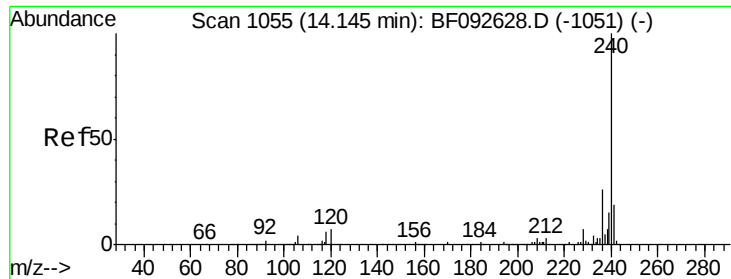
Ion Ratio Lower Upper

202 100

101 7.6 0.0 34.6

203 17.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

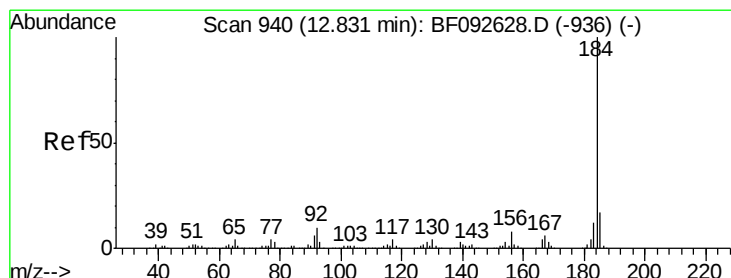
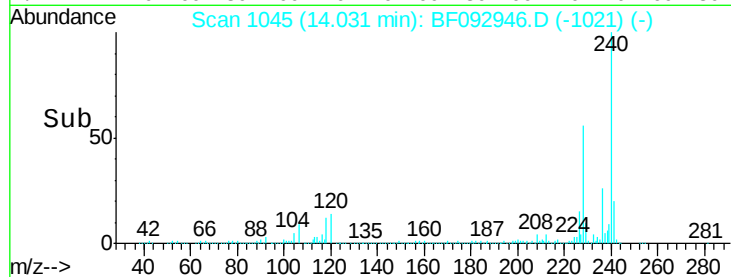
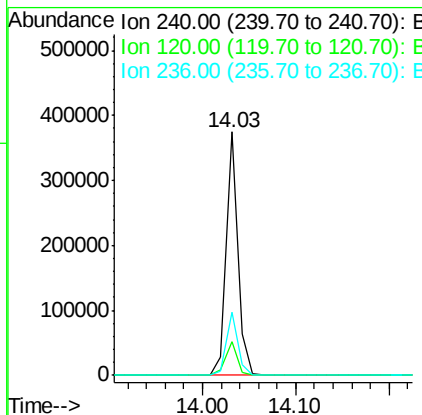
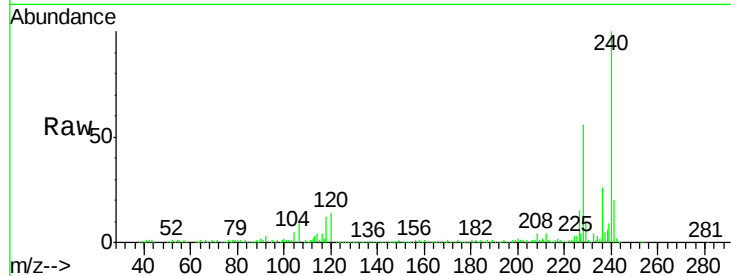
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	240	Resp:	324820
Ion Ratio	Lower	Upper	
240	100		
120	13.7	12.9	19.3
236	26.1	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#76

Benzidine

Concen: 20.10 ng

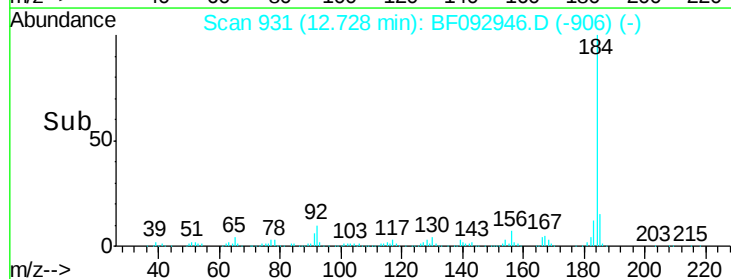
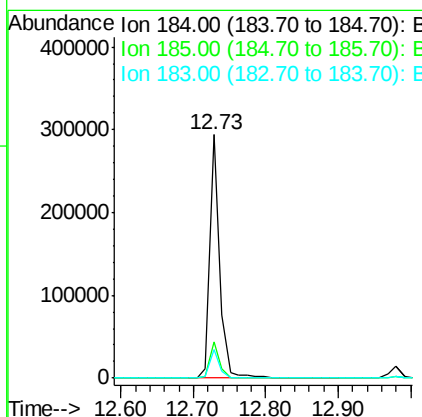
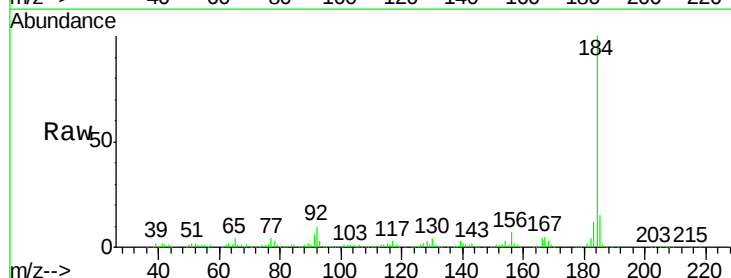
RT: 12.73 min Scan# 931

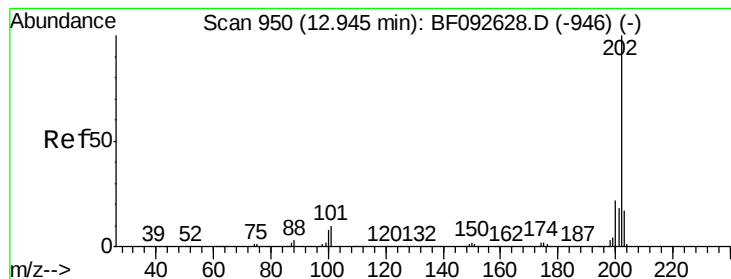
Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:	184	Resp:	278205
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.4	20.0
183	11.5	9.2	13.8





#77

Pyrene

Concen: 43.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion: 202 Resp: 1069343

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

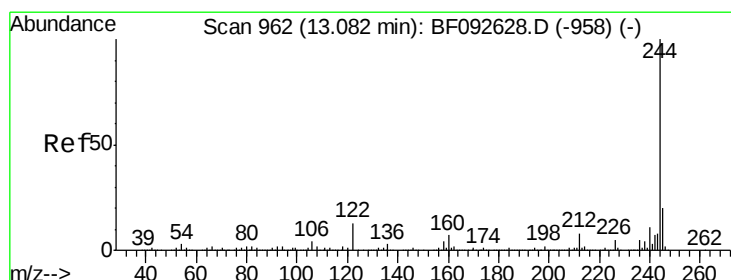
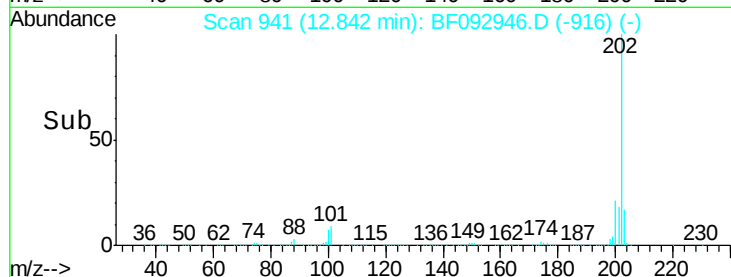
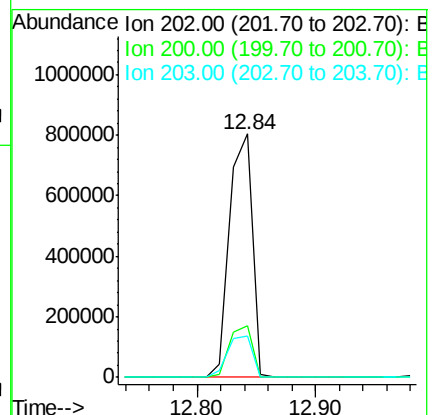
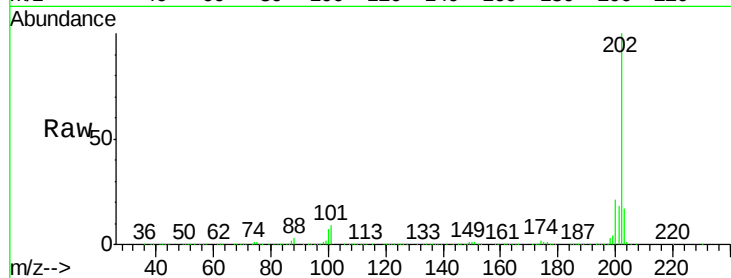
203 17.1 14.7 22.1

Manual Integrations

APPROVED

mohammad

2/15/2017 9:06:00 AM



#78

Terphenyl-d14

Concen: 81.88 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

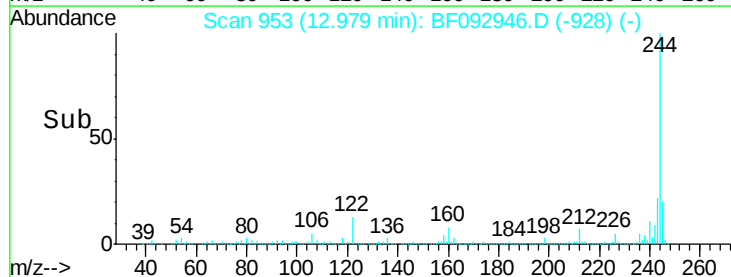
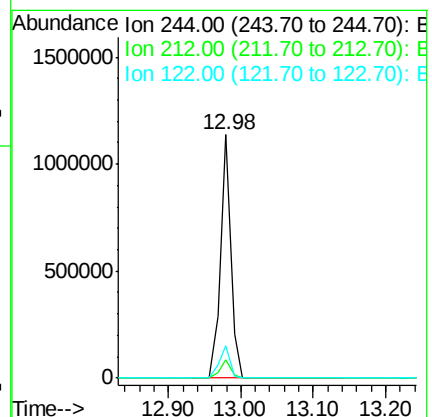
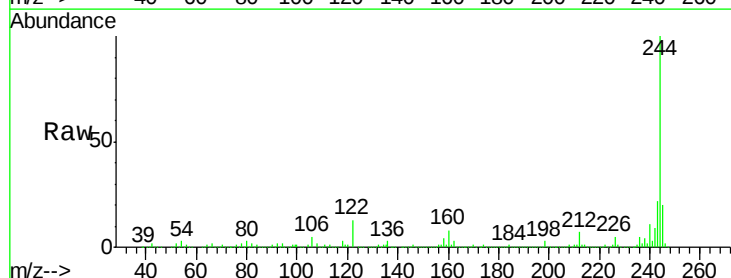
Tgt Ion: 244 Resp: 1131913

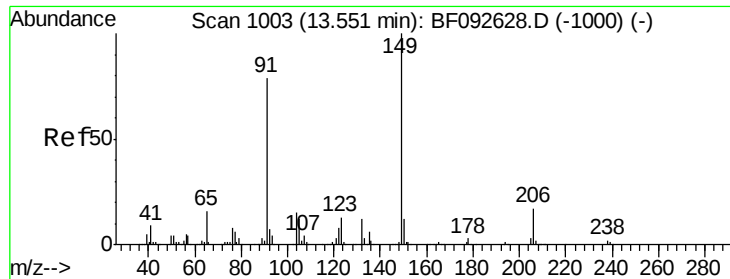
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 13.3 11.4 17.2





#79

Butylbenzylphthalate

Concen: 43.91 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

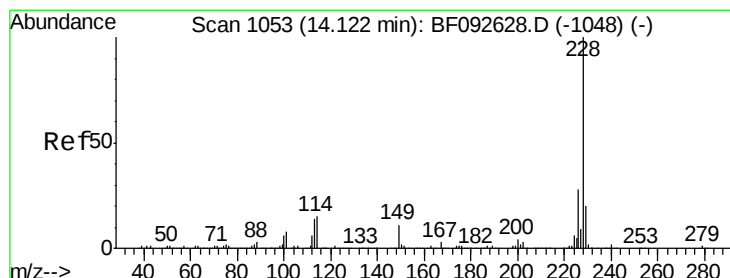
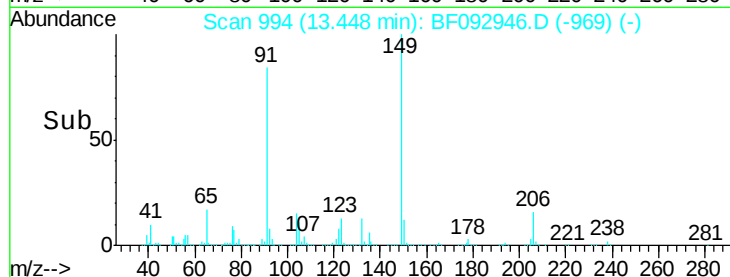
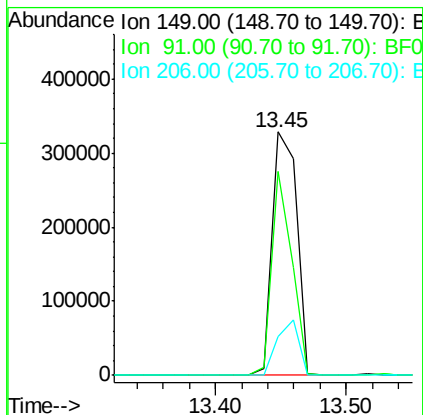
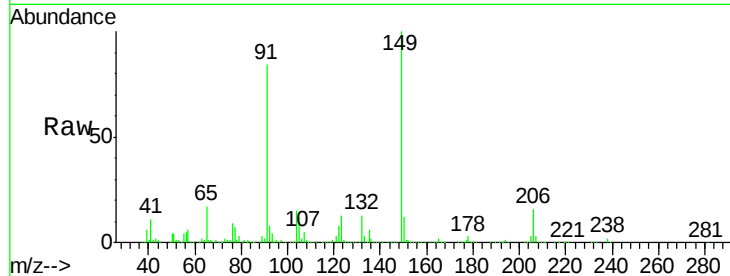
ClientSampleId :

FK-GF-02-002-BMS

Tgt Ion:	149	Resp:	433461
Ion Ratio	Lower	Upper	
149	100		
91	83.9	63.9	95.9
206	15.9	14.6	21.8

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM



#80

Benzo(a)anthracene

Concen: 34.90 ng

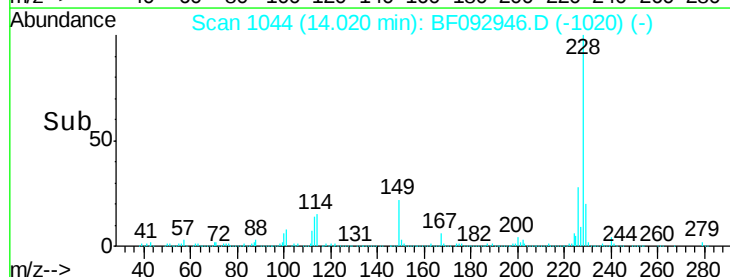
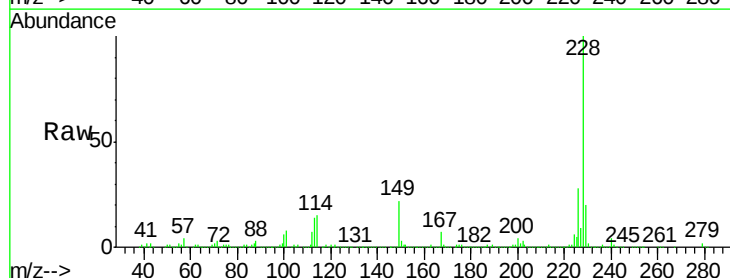
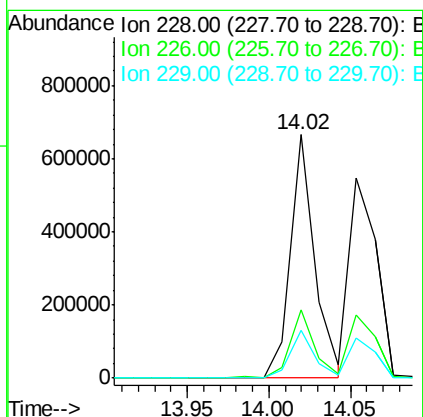
RT: 14.02 min Scan# 1044

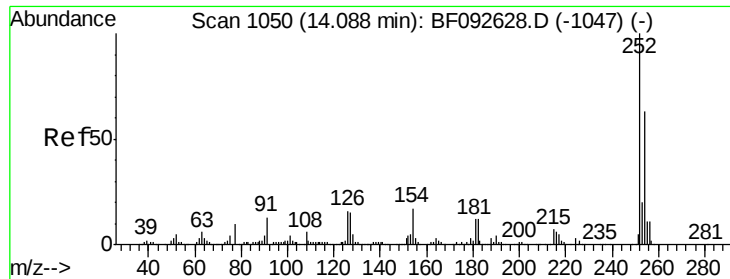
Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Tgt Ion:	228	Resp:	693274
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	19.7	16.2	24.4





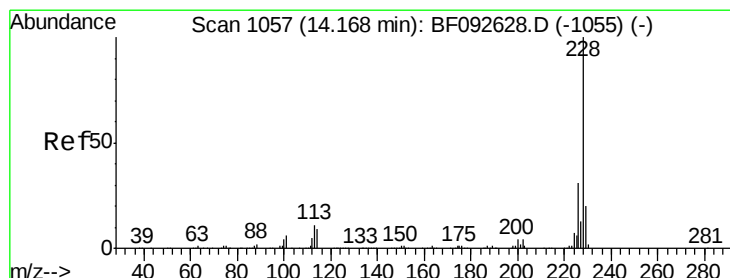
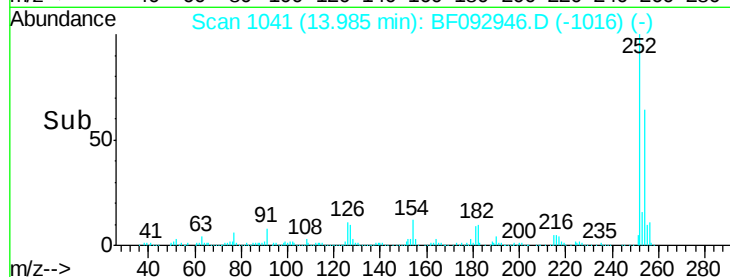
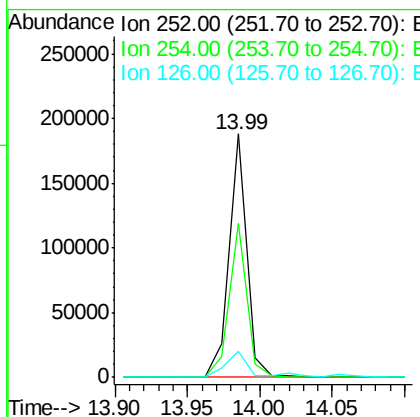
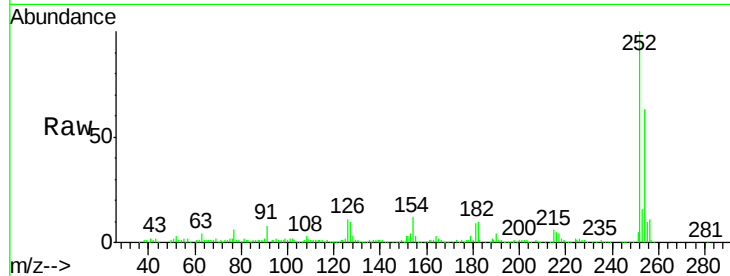
#81
 3,3'-Dichlorobenzidine
 Concen: 22.61 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	52.3	78.5
126	10.8	13.6	20.4

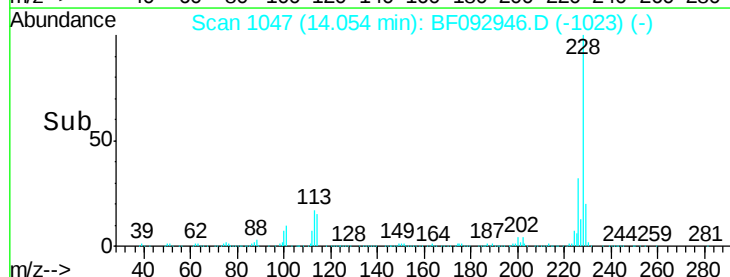
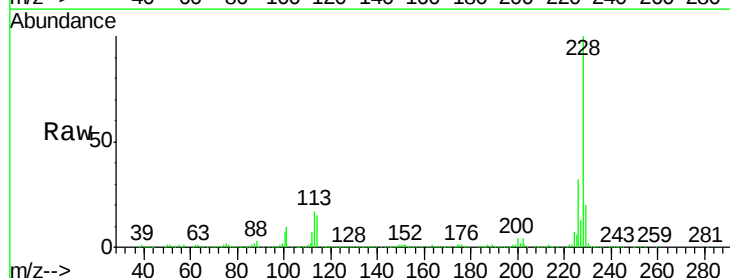
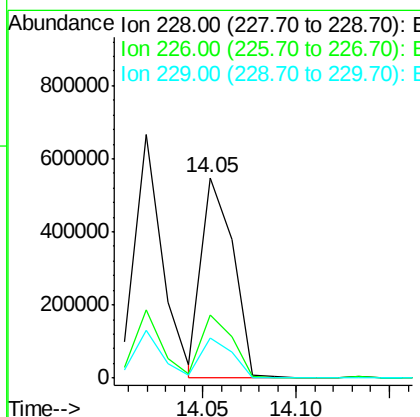
Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:00 AM



#82
 Chrysene
 Concen: 34.51 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.4	38.0
229	20.1	16.2	24.2





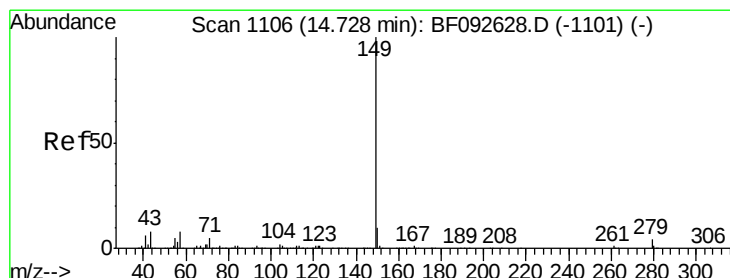
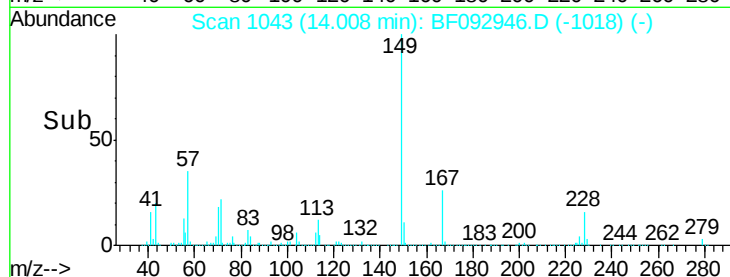
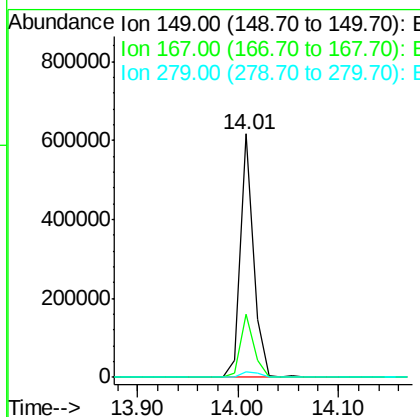
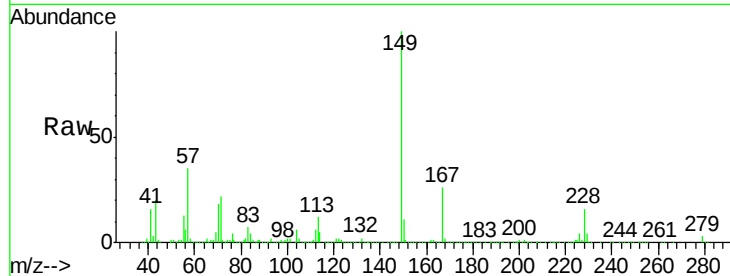
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.5	1.8	2.8

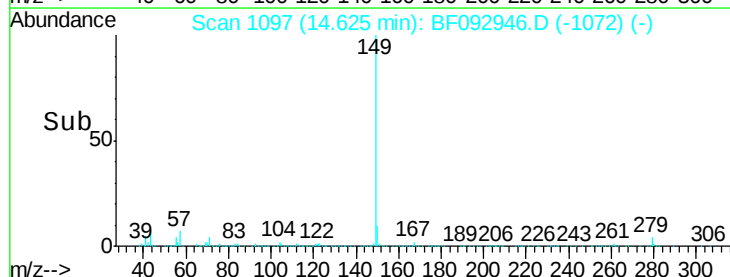
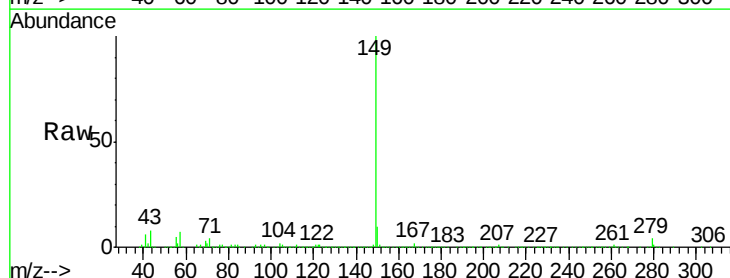
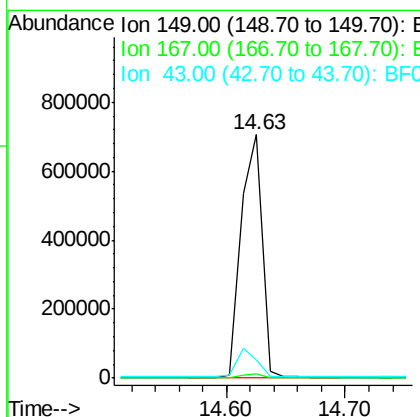
Manual Integrations
 APPROVED

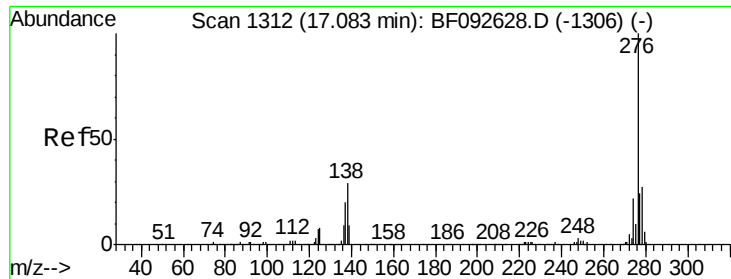
mohammad
 2/15/2017 9:06:00 AM



#84
 Di-n-octyl phthalate
 Concen: 39.78 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092946.D
 Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.2	8.9	13.3





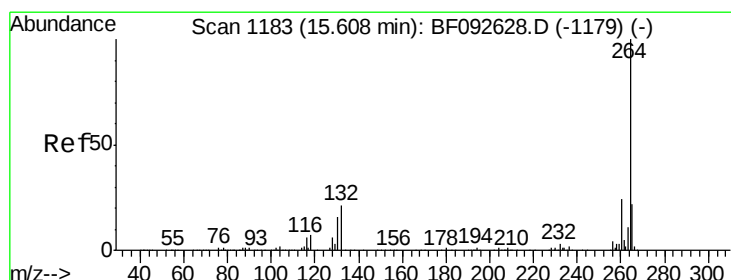
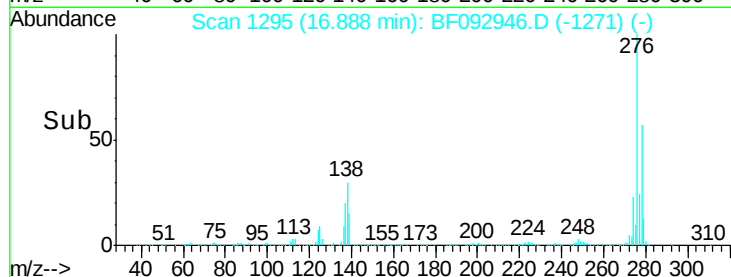
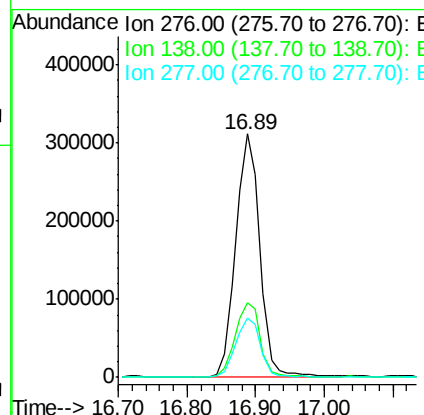
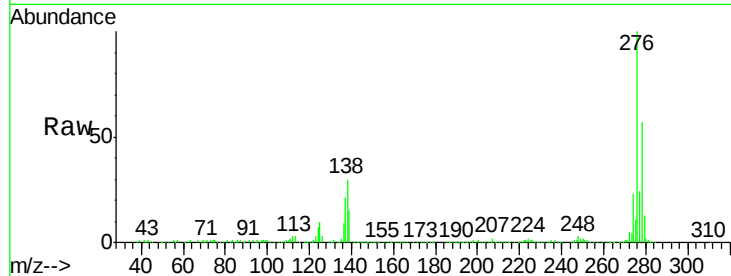
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.61 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	772355		
138	31.6		21.8	32.6
277	24.8		20.2	30.4

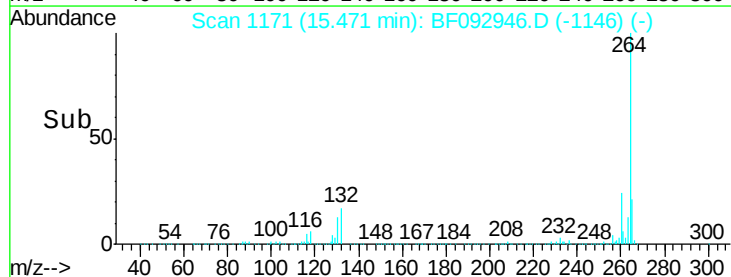
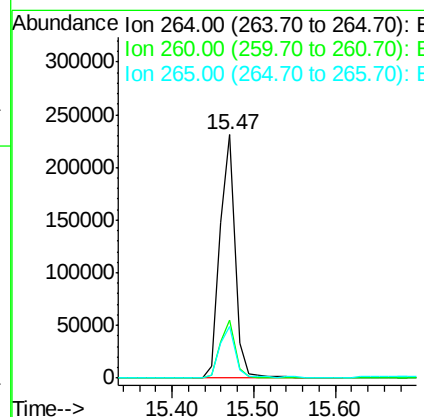
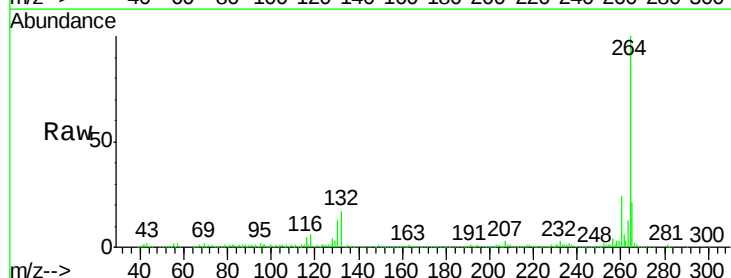
Manual Integrations
APPROVED

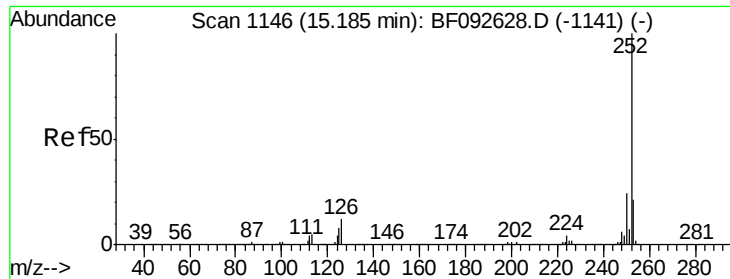
mohammad
2/15/2017 9:06:00 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	300310		
260	23.7		19.2	28.8
265	21.3		17.4	26.0





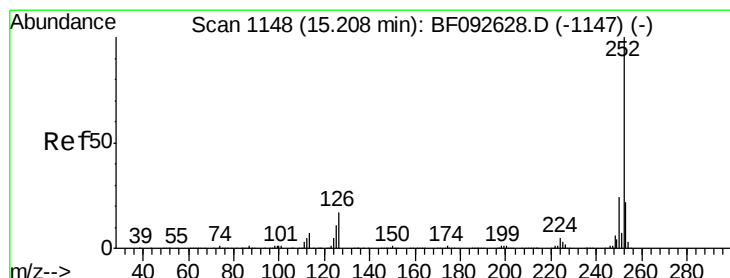
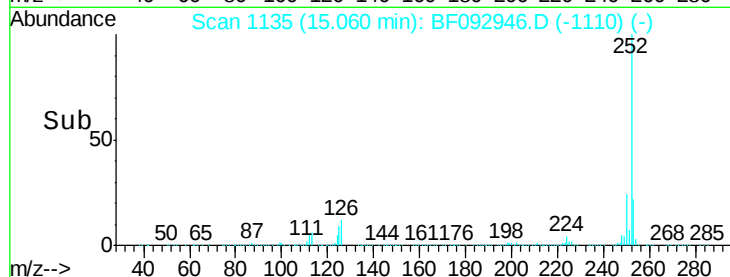
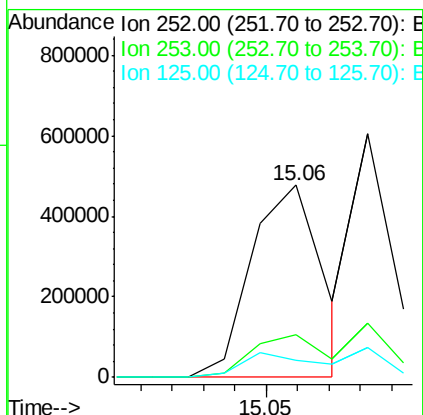
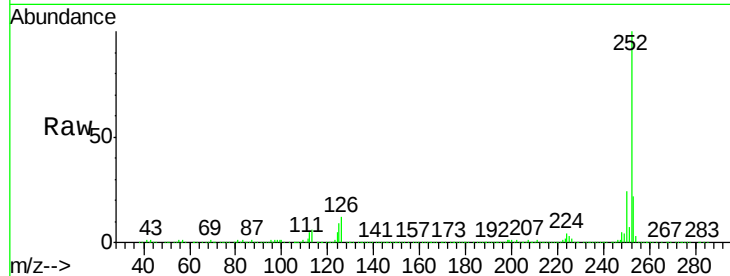
#87
Benzo(b)fluoranthene
Concen: 37.99 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.2	9.8	14.6

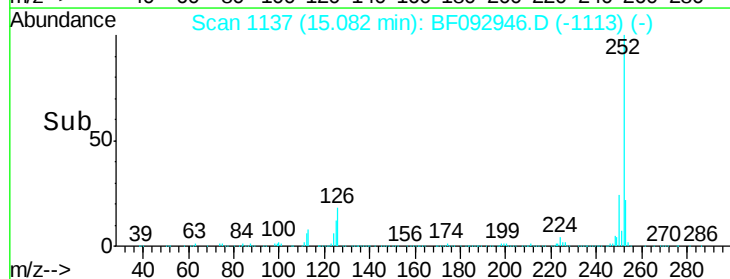
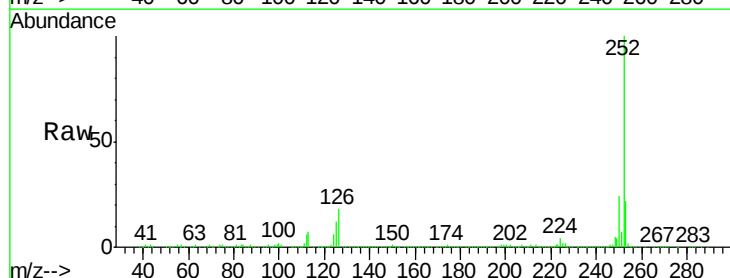
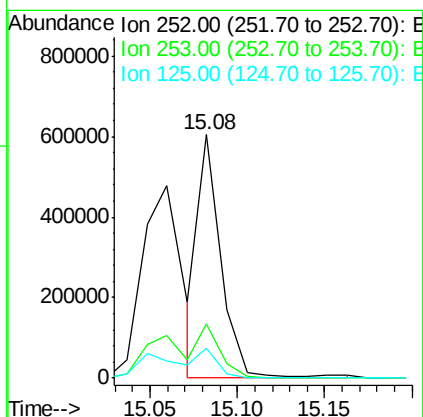
Manual Integrations
APPROVED

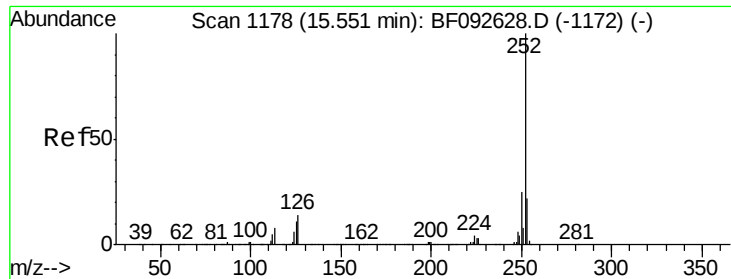
mohammad
2/15/2017 9:06:00 AM



#88
Benzo(k)fluoranthene
Concen: 32.73 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	12.5	8.9	13.3





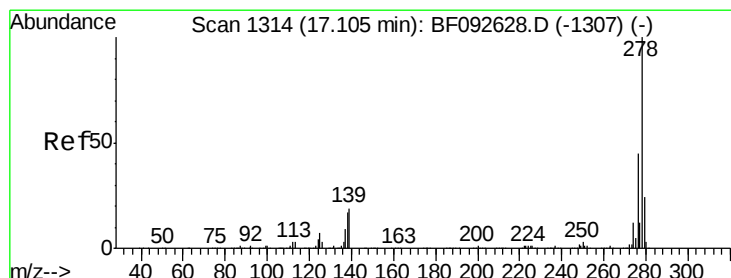
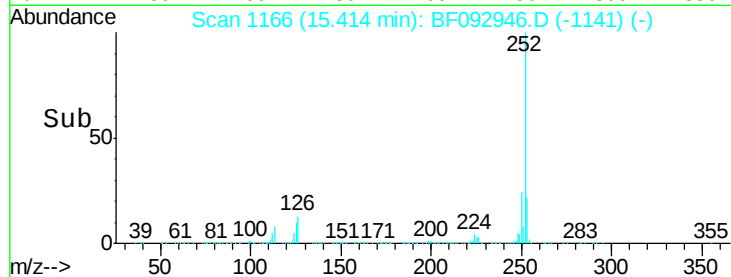
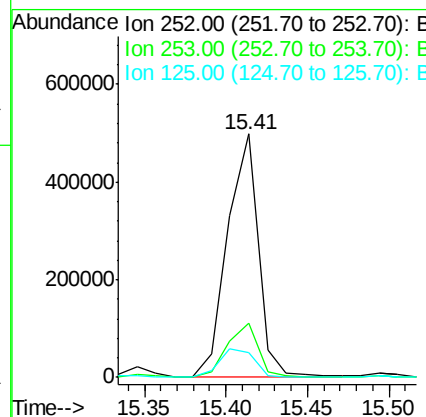
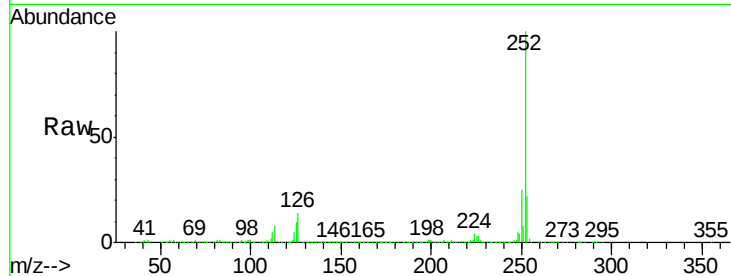
#89
Benzo(a)pyrene
Concen: 38.09 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.4	10.0	15.0

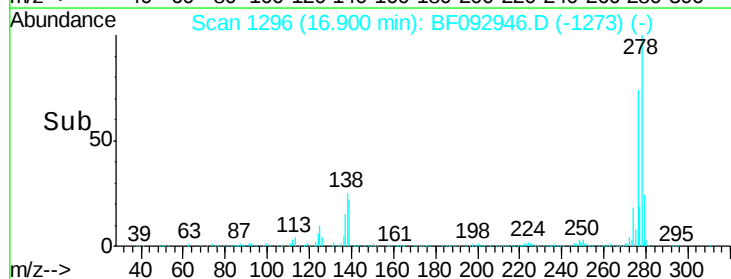
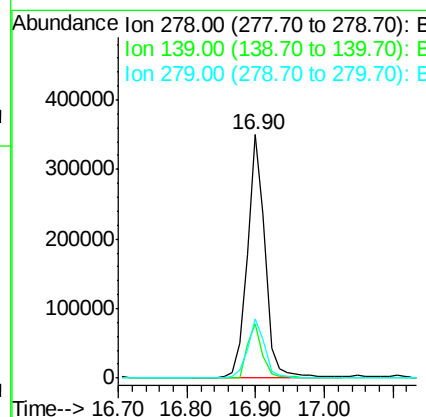
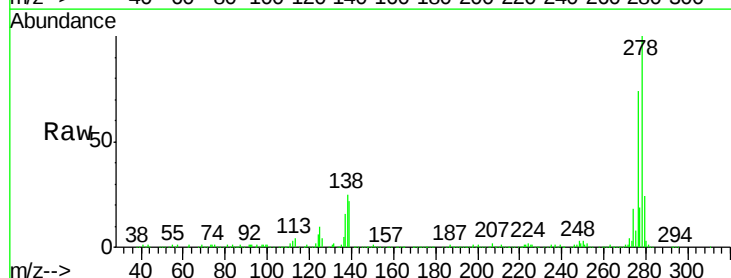
Manual Integrations
APPROVED

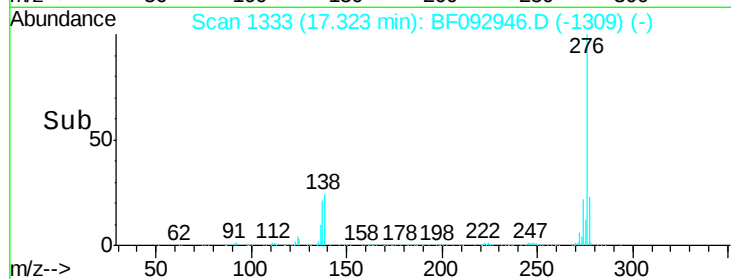
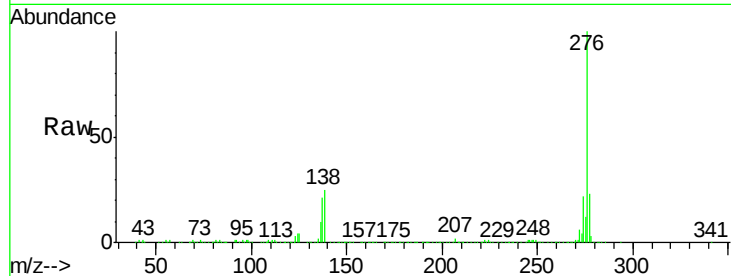
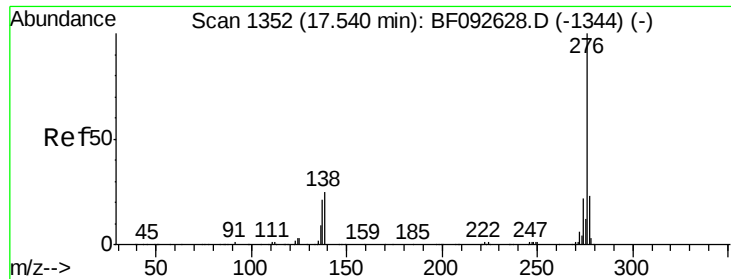
mohammad
2/15/2017 9:06:00 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.94 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092946.D
Acq: 14 Feb 2017 16:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.8	22.2
279	24.2	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 48.44 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF092946.D

Acq: 14 Feb 2017 16:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		676232		
277	23.4	19.2	28.8		
138	24.7	16.0	24.0		

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:00 AM

