

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084745.D
 Acq On : 2 Feb 2016 7:56
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:19:21 PM

Quant Time: Feb 02 08:23:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161542	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	624587	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	296680	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	499392	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	295208	20.00	ng	-0.01
86) Perylene-d12	15.24	264	328344	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	774784	74.71	ng	-0.01
7) Phenol-d6	6.36	99	974841	75.82	ng	-0.01
23) Nitrobenzene-d5	7.29	82	910947	82.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	241752	78.12	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1455861	81.49	ng	-0.01
78) Terphenyl-d14	12.82	244	1194559	91.70	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	167182	36.80	ng	# 75
3) Pyridine	2.89	79	492581	41.62	ng	# 78
4) n-Nitrosodimethylamine	2.83	42	237690	38.83	ng	# 80
6) Aniline	6.37	93	589576	37.47	ng	# 84
8) 2-Chlorophenol	6.50	128	466362	39.73	ng	# 94
9) Benzaldehyde	6.26	77	312142	41.11	ng	# 94
10) Phenol	6.38	94	540484	37.52	ng	# 95
11) bis(2-Chloroethyl)ether	6.45	93	418047m	37.22	ng	# 95
12) 1,3-Dichlorobenzene	6.65	146	466487m	37.61	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	461169	37.19	ng	# 98
14) 1,2-Dichlorobenzene	6.89	146	470207	40.72	ng	# 97
15) Benzyl Alcohol	6.86	79	326462	36.77	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	695372	36.80	ng	# 89
17) 2-Methylphenol	6.99	107	367651	39.60	ng	# 93
18) Hexachloroethane	7.23	117	184114	38.56	ng	# 82
19) n-Nitroso-di-n-propylamine	7.14	70	291800	36.21	ng	# 74
20) 3+4-Methylphenols	7.15	107	458749	39.81	ng	# 88
22) Acetophenone	7.13	105	661632	40.19	ng	# 98
24) Nitrobenzene	7.30	77	456082	38.41	ng	# 92
25) Isophorone	7.55	82	871036	40.40	ng	# 97
26) 2-Nitrophenol	7.62	139	219613	37.50	ng	# 83
27) 2,4-Dimethylphenol	7.68	122	411039	40.35	ng	# 91
28) bis(2-Chloroethoxy)methane	7.77	93	504477	39.44	ng	# 96
29) 2,4-Dichlorophenol	7.87	162	367858	42.21	ng	# 96
30) 1,2,4-Trichlorobenzene	7.95	180	393521	39.98	ng	# 94
31) Naphthalene	8.02	128	1180473	37.68	ng	# 99
32) Benzoic acid	7.79	122	175181	26.89	ng	# 99
33) 4-Chloroaniline	8.08	127	467951	36.12	ng	# 97
34) Hexachlorobutadiene	8.14	225	234668	41.34	ng	# 98
35) Caprolactam	8.45	113	87771	32.68	ng	# 49
36) 4-Chloro-3-methylphenol	8.57	107	369548	37.17	ng	# 90
37) 2-Methylnaphthalene	8.72	142	825502	42.10	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	353859	37.55	ng	# 98
40) Hexachlorocyclopentadiene	8.86	237	71422	24.68	ng	# 98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084745.D
 Acq On : 2 Feb 2016 7:56
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

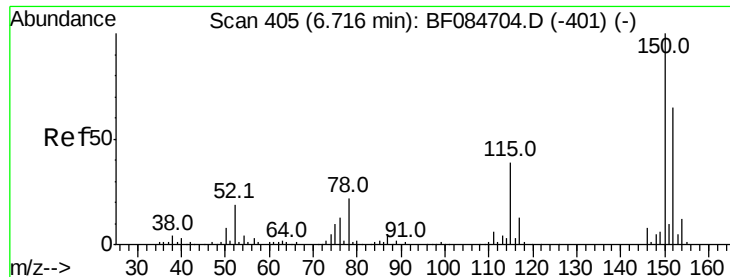
Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:19:21 PM

Quant Time: Feb 02 08:23:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246484	40.61	nq	94
43) 2,4,5-Trichlorophenol	9.04	196	222293	36.04	nq	# 79
45) 1,1'-Biphenyl	9.18	154	1089435	41.11	nq	96
46) 2-Chloronaphthalene	9.21	162	760592	38.98	nq	# 87
47) 2-Nitroaniline	9.30	65	220358	35.66	nq	96
48) Acenaphthylene	9.62	152	1191343	40.23	nq	99
49) Dimethylphthalate	9.49	163	902921	39.96	nq	# 91
50) 2,6-Dinitrotoluene	9.55	165	205410	41.61	nq	# 83
51) Acenaphthene	9.79	154	761527	39.53	nq	97
52) 3-Nitroaniline	9.72	138	213944	38.57	nq	# 63
53) 2,4-Dinitrophenol	9.82	184	26947	16.77	nq	89
54) Dibenzofuran	9.96	168	948162	40.27	nq	99
55) 4-Nitrophenol	9.89	139	138461	33.96	nq	89
56) 2,4-Dinitrotoluene	9.95	165	262756	41.73	nq	94
57) Fluorene	10.30	166	783371	39.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157168	33.47	nq	91
59) Diethylphthalate	10.18	149	845417	38.32	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	346580	41.36	nq	92
61) 4-Nitroaniline	10.33	138	210977	39.03	nq	92
62) Azobenzene	10.45	77	849605	40.04	nq	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	57117	18.53	nq	# 48
65) n-Nitrosodiphenylamine	10.42	169	718812	45.33	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	243269	44.10	nq	# 94
67) Hexachlorobenzene	10.84	284	224030	37.28	nq	# 79
68) Atrazine	10.94	200	187446	37.43	nq	98
69) Pentachlorophenol	11.05	266	92876	32.88	nq	97
70) Phenanthrene	11.25	178	985157	35.57	nq	97
71) Anthracene	11.31	178	1172094	42.00	nq	100
72) Carbazole	11.47	167	963635	39.60	nq	98
73) Di-n-butylphthalate	11.80	149	1187056	38.31	nq	# 97
74) Fluoranthene	12.44	202	998119	35.60	nq	94
76) Benzidine	12.57	184	480981	47.70	nq	98
77) Pyrene	12.66	202	950176	42.04	nq	100
79) Butylbenzylphthalate	13.30	149	439809	42.89	nq	# 85
80) Benzo(a)anthracene	13.85	228	700343	38.22	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	294468	45.39	nq	96
82) Chrysene	13.89	228	710462	39.99	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	569645	44.64	nq	# 96
84) Di-n-octyl phthalate	14.47	149	865996	41.14	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.56	276	921908	65.92	nq	98
87) Benzo(b)fluoranthene	14.87	252	848141m	38.44	nq	
88) Benzo(k)fluoranthene	14.89	252	618055m	33.88	nq	
89) Benzo(a)pyrene	15.19	252	725581	38.60	nq	# 95
90) Dibenzo(a,h)anthracene	16.57	278	756407	47.80	nq	97
91) Benzo(g,h,i)perylene	16.96	276	791022	49.63	nq	# 95

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



#1

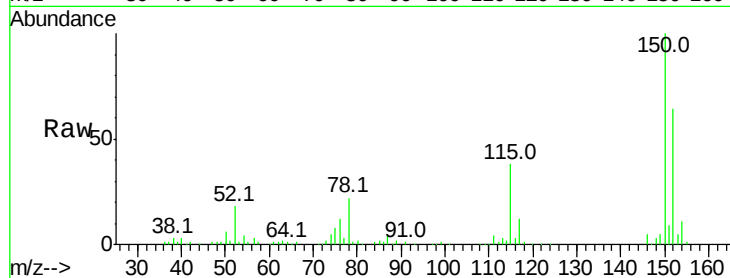
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

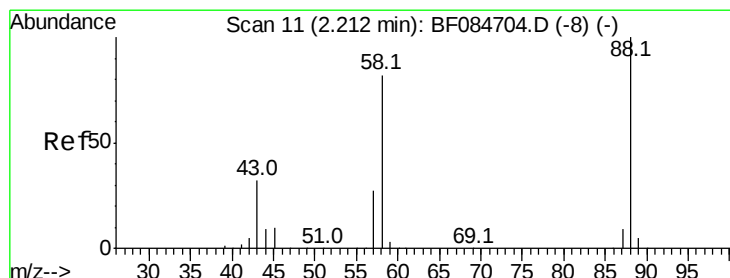
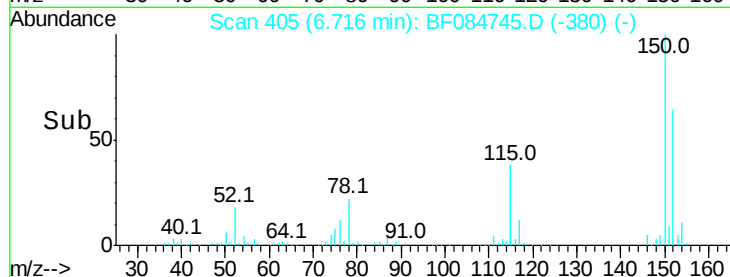
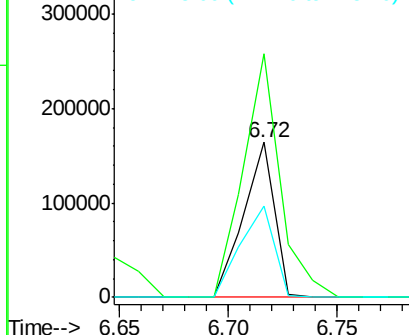
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.4
115	58.9	51.4	77.2

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



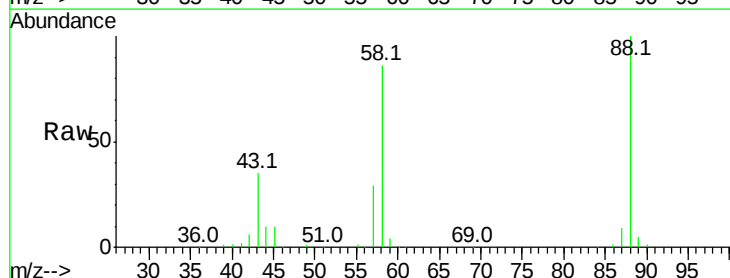
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



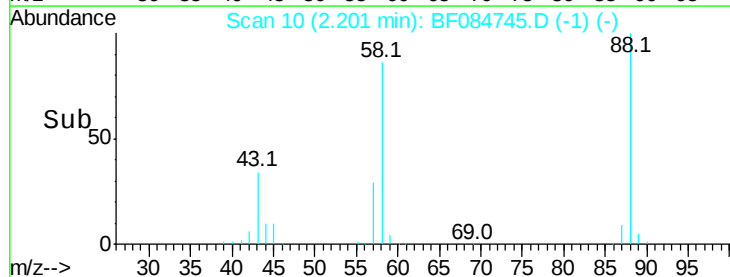
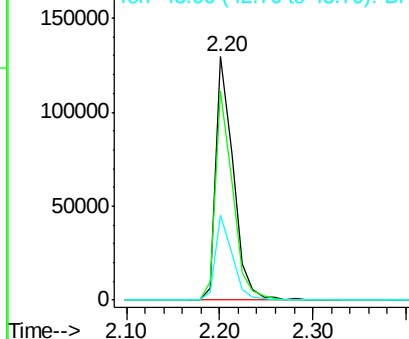
#2

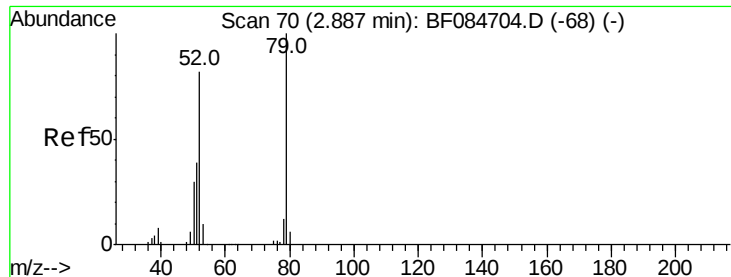
1,4-Dioxane
Concen: 36.80 ng
RT: 2.20 min Scan# 10
Delta R.T. -0.02 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	51.2	76.8#
43	34.4	19.5	29.3#



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





#3

Pvridine

Concen: 41.62 ng

RT: 2.89 min Scan# 70

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

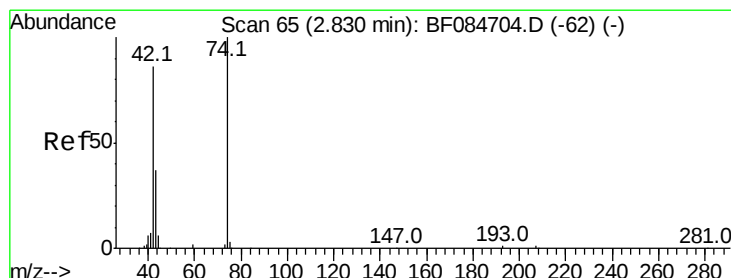
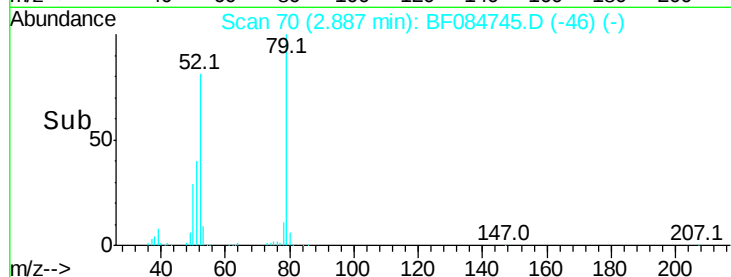
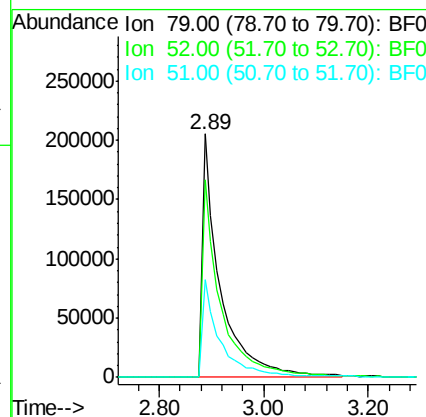
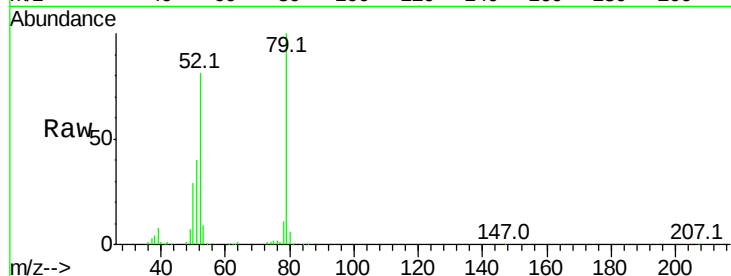
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.2	49.0	73.4#
51	39.9	25.2	37.8#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#4

n-Nitrosodimethylamine

Concen: 38.83 ng

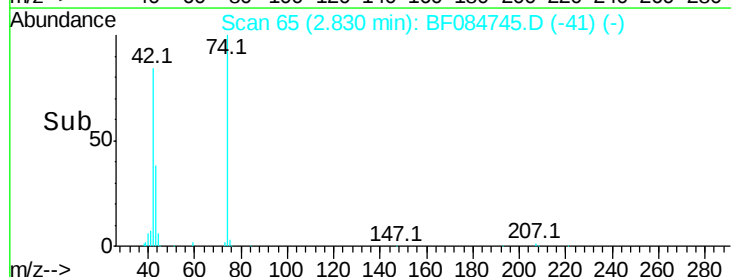
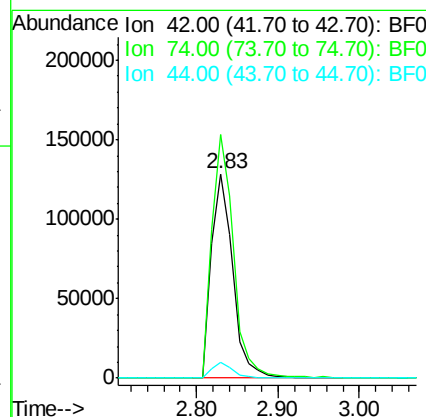
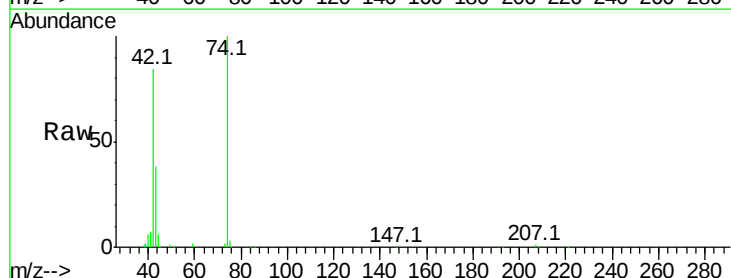
RT: 2.83 min Scan# 65

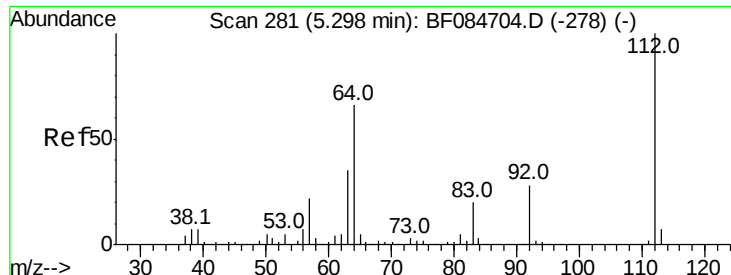
Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.1	115.7	173.5
44	7.6	5.1	7.7





#5

2-Fluorophenol

Concen: 74.71 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

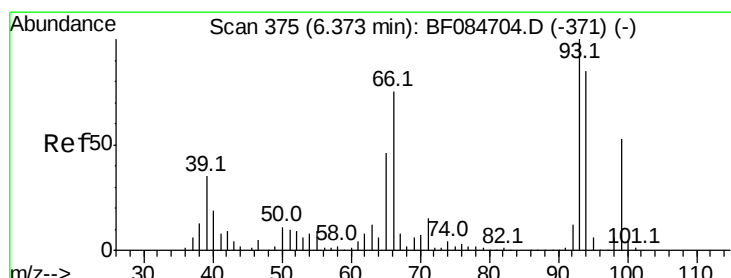
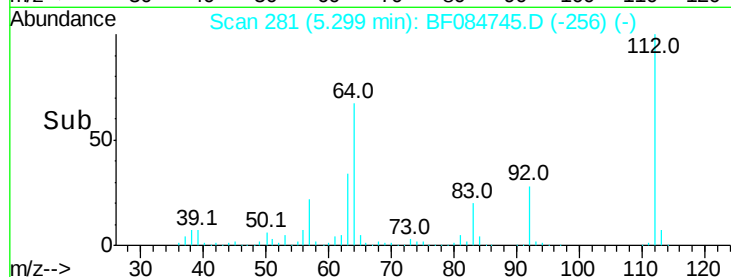
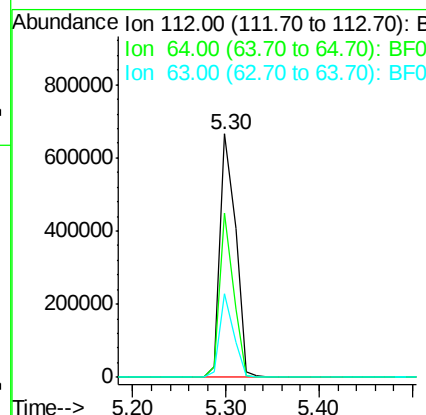
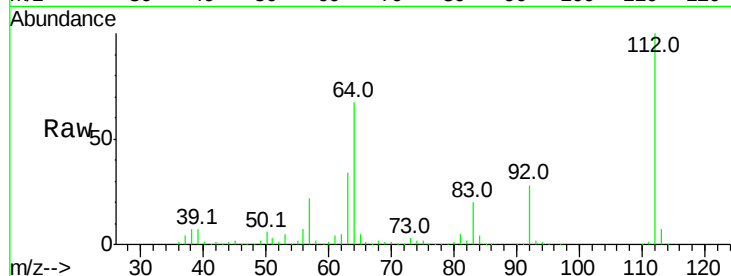
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	774784
Ion Ratio	Lower	Upper	
112	100		
64	67.4	36.6	55.0#
63	34.4	19.4	29.0#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#6

Aniline

Concen: 37.47 ng

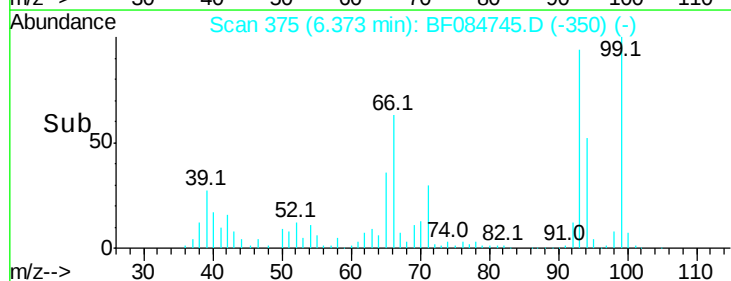
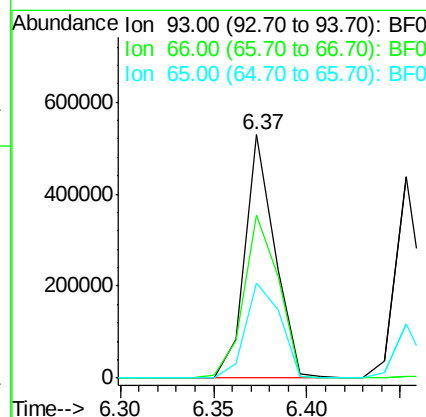
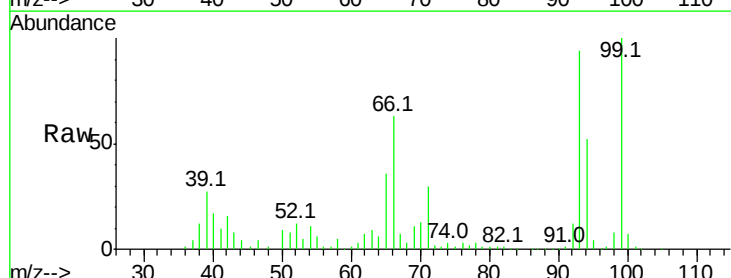
RT: 6.37 min Scan# 375

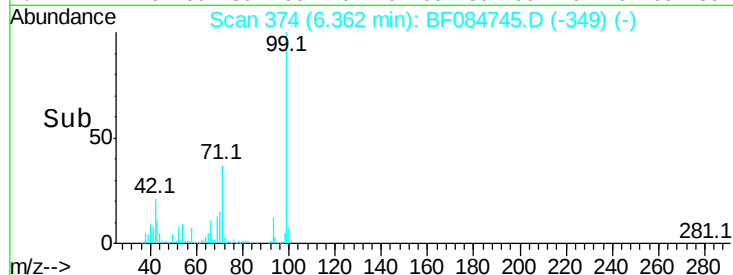
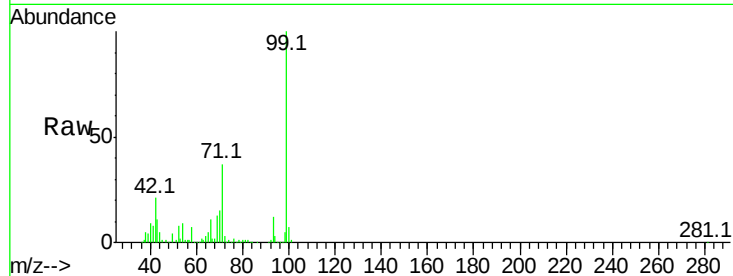
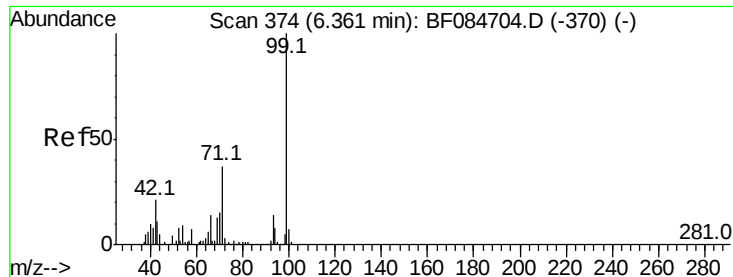
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	93	Resp:	589576
Ion Ratio	Lower	Upper	
93	100		
66	67.0	44.9	67.3
65	38.9	23.7	35.5#





#7

Phenol-d6

Concen: 75.82 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tot Ion:	99	Resp:	974841
Ion Ratio	Lower	Upper	
99	100		
42	21.3	12.8	19.2#
71	36.8	30.9	46.3

Instrument :

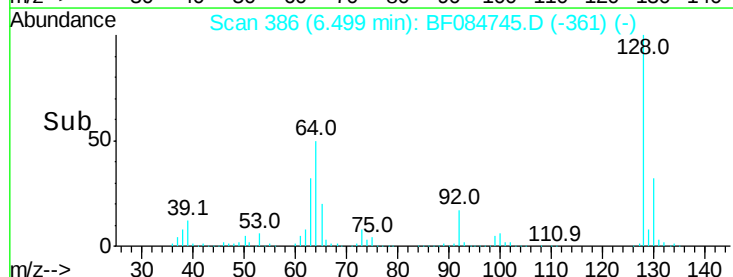
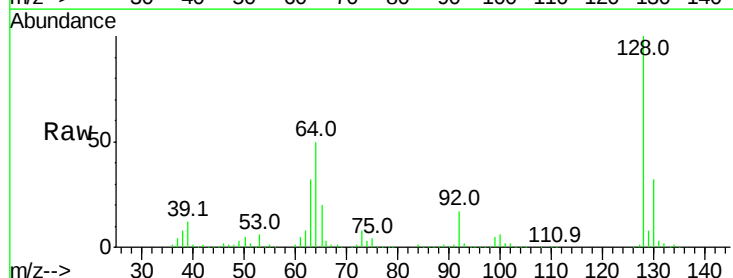
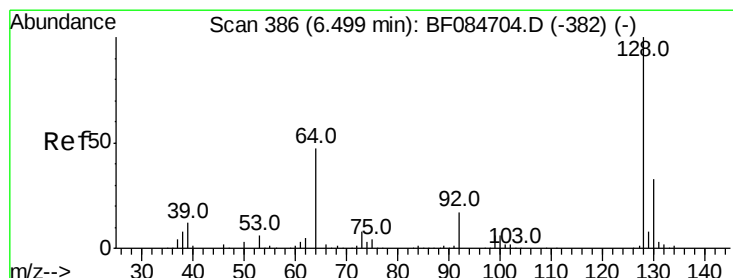
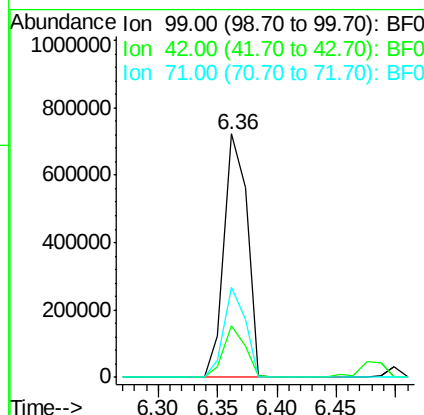
BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#8

2-Chlorophenol

Concen: 39.73 ng

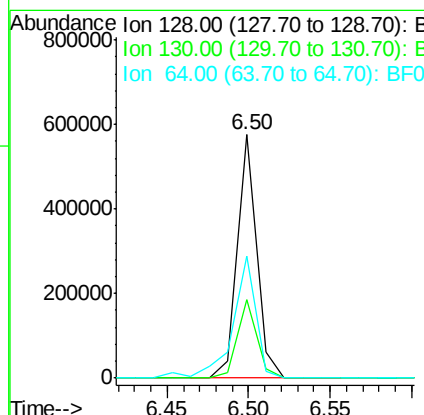
RT: 6.50 min Scan# 386

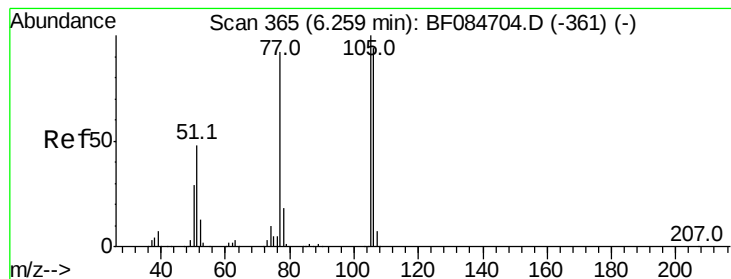
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	128	Resp:	466362
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.6	51.6
64	50.0	23.8	63.8





#9

Benzaldehyde

Concen: 41.11 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

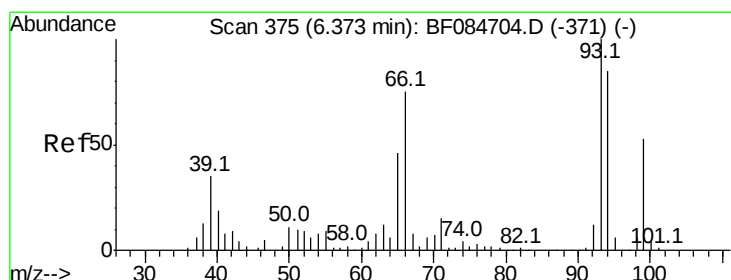
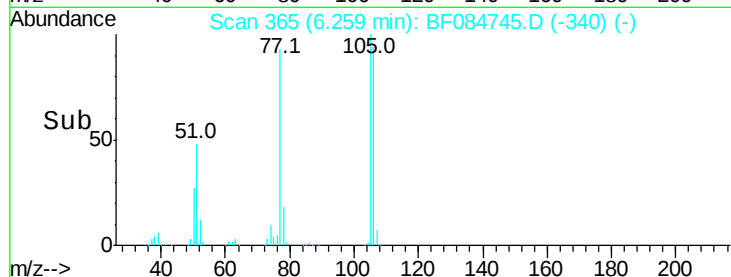
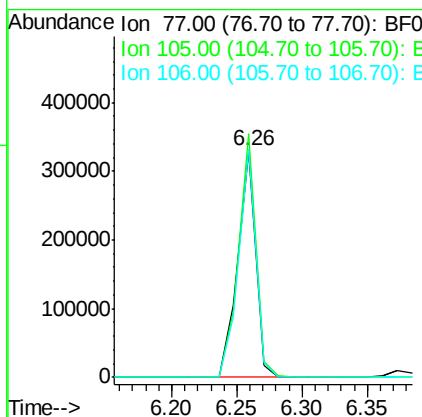
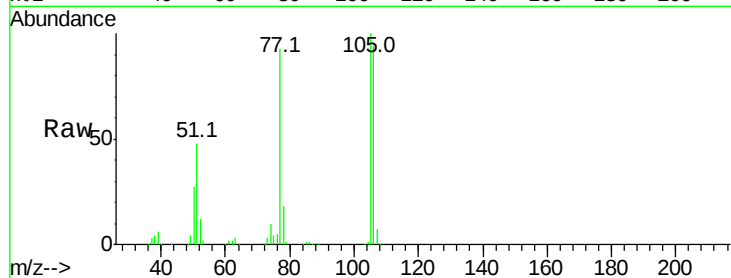
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.9	83.0	123.0
106	101.2	74.6	114.6



#10

Phenol

Concen: 37.52 ng

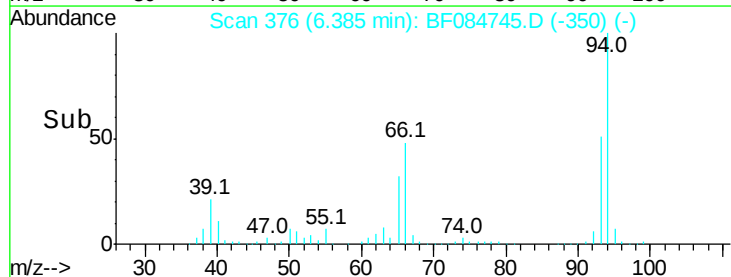
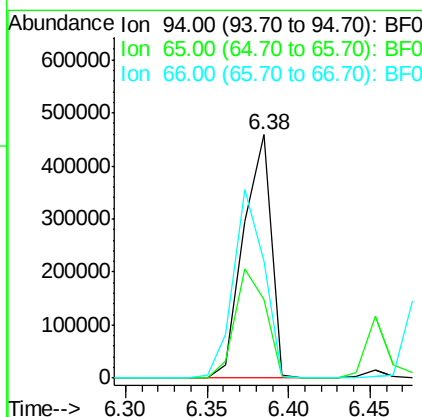
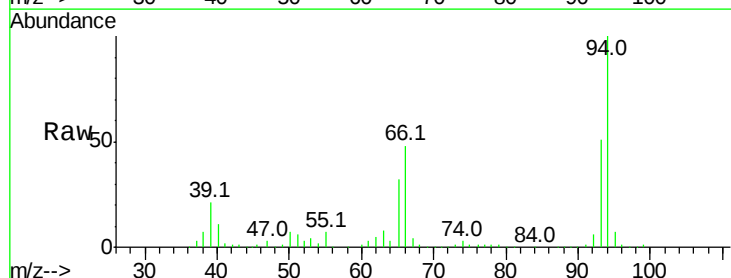
RT: 6.38 min Scan# 376

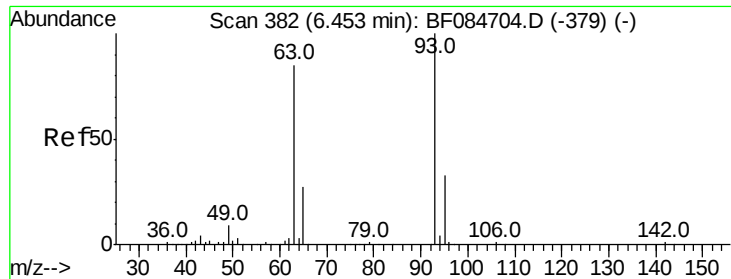
Delta R.T. -0.00 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.9	52.9
66	47.9	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.22 ng m

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

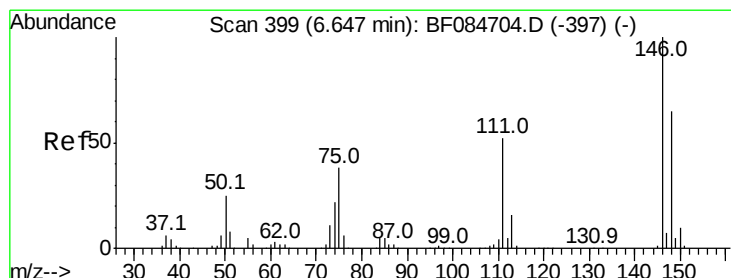
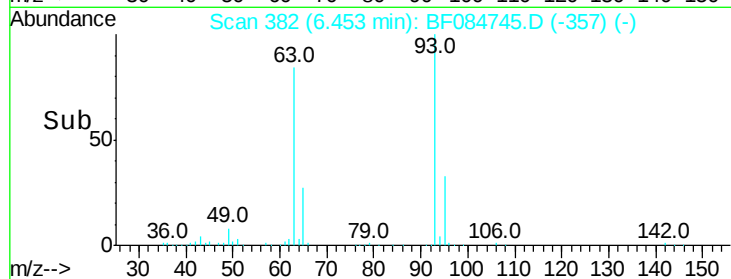
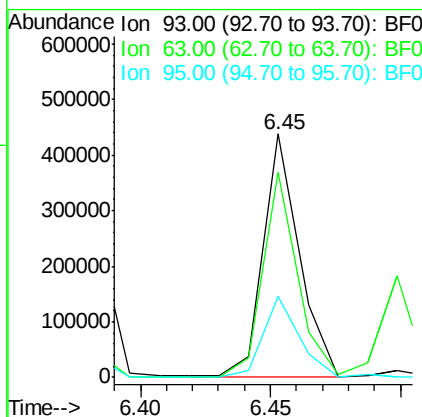
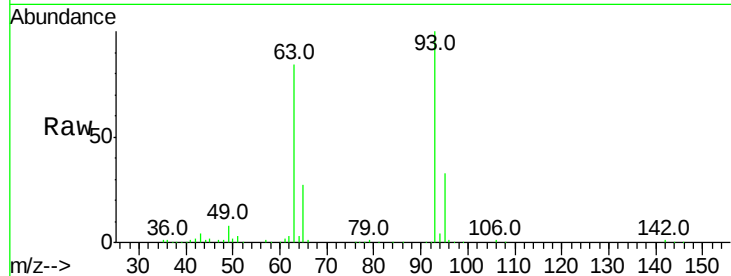
ClientSampleId :

SSTDCCC040EC

Tot Ion	93	Resp	418047
Ion Ratio	Lower	Upper	
93	100		
63	84.3	45.9	85.9
95	33.2	12.3	52.3

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#12

1,3-Dichlorobenzene

Concen: 37.61 ng m

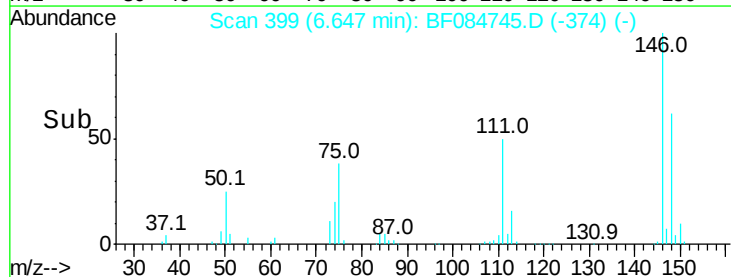
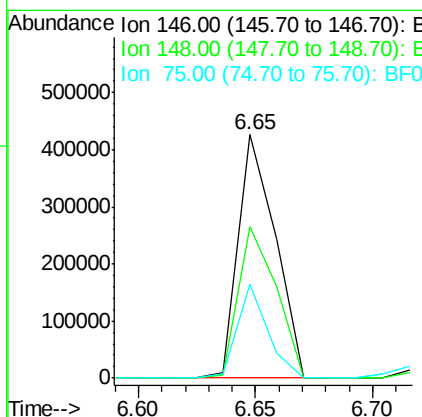
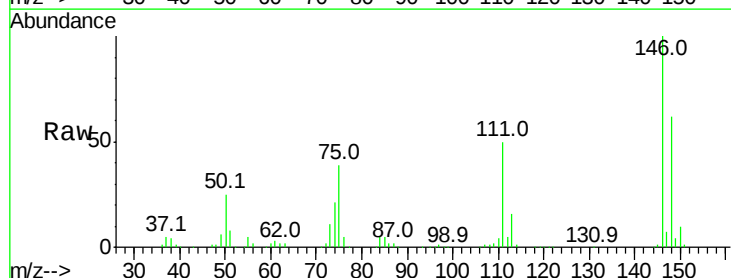
RT: 6.65 min Scan# 399

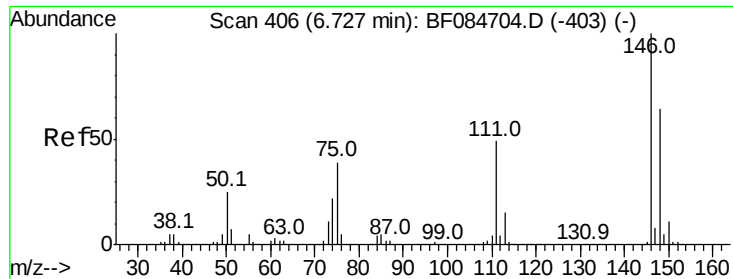
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion	146	Resp	466487
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.9	77.9
75	38.5	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 37.19 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

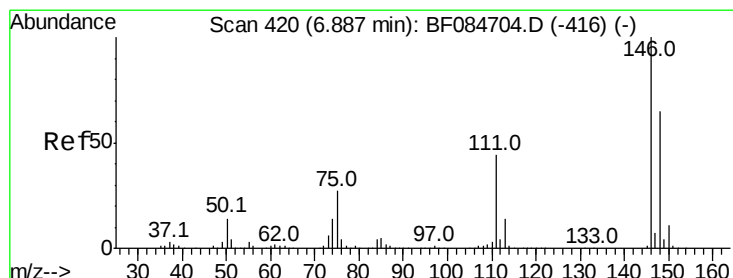
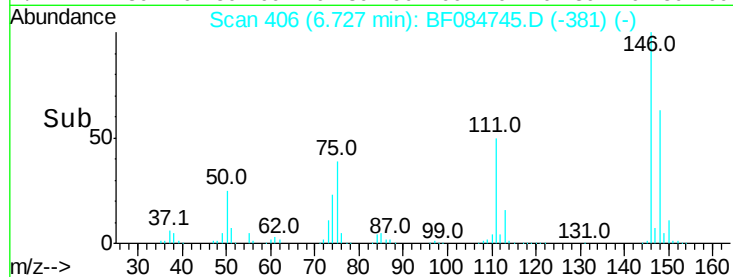
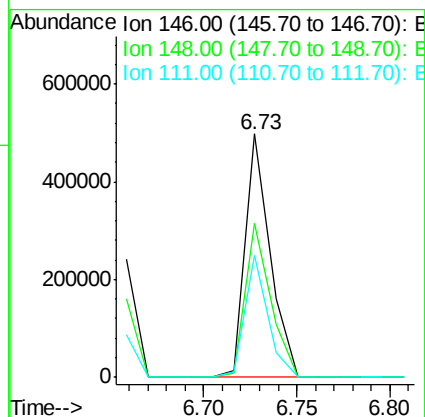
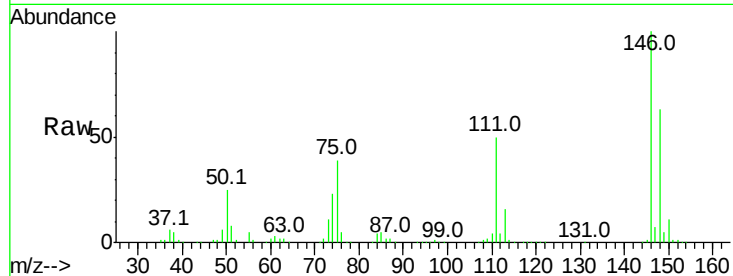
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	461169
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.9	77.9
111	50.1	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#14

1,2-Dichlorobenzene

Concen: 40.72 ng

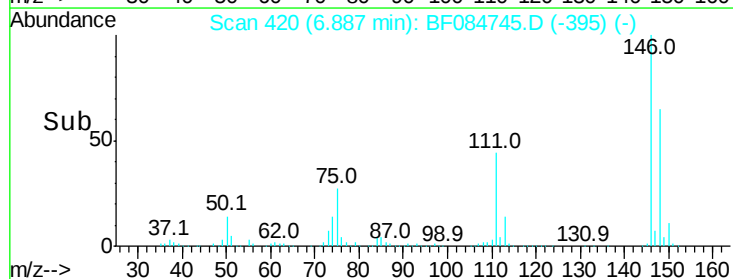
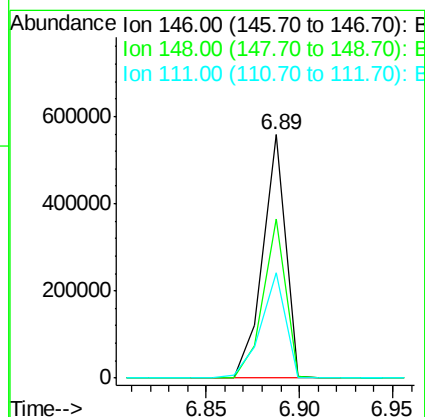
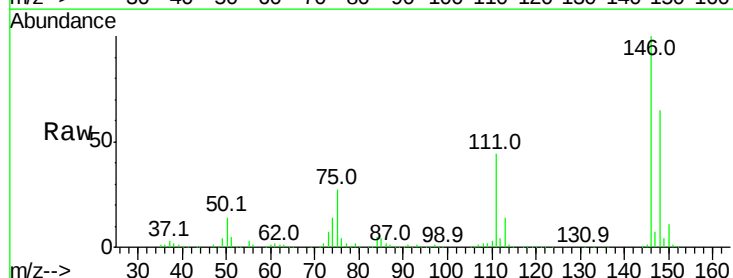
RT: 6.89 min Scan# 420

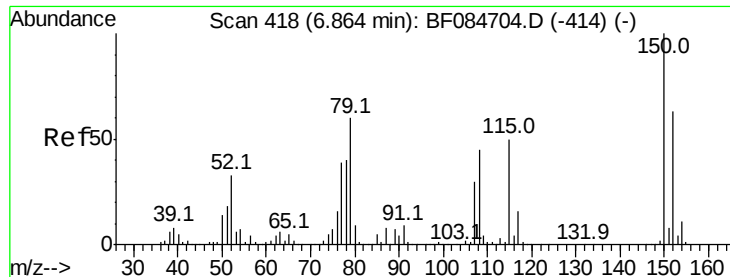
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	146	Resp:	470207
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.6	77.4
111	43.5	38.0	57.0





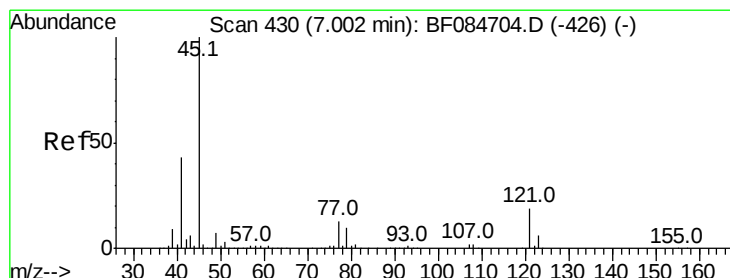
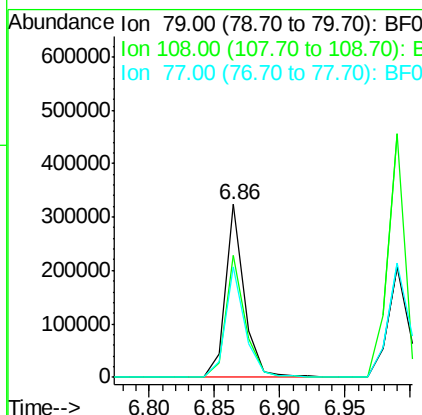
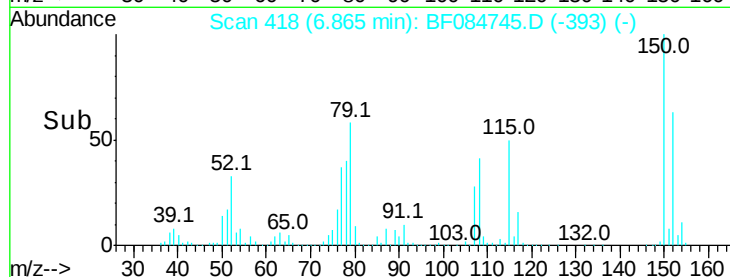
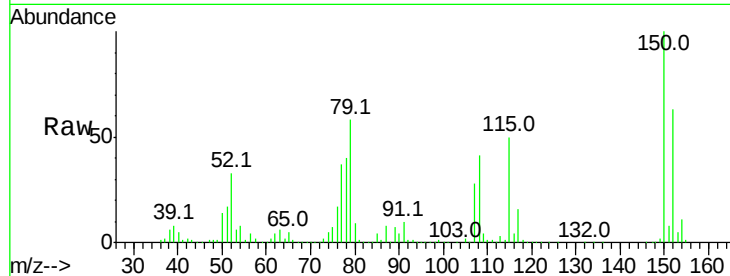
#15
Benzyl Alcohol
Concen: 36.77 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.6	69.0	103.4
77	63.6	50.0	75.0

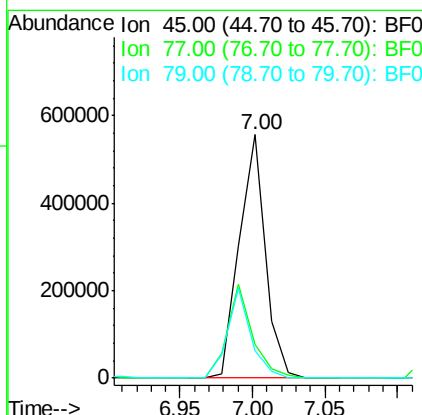
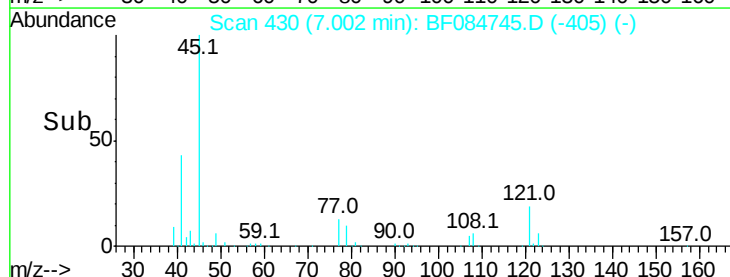
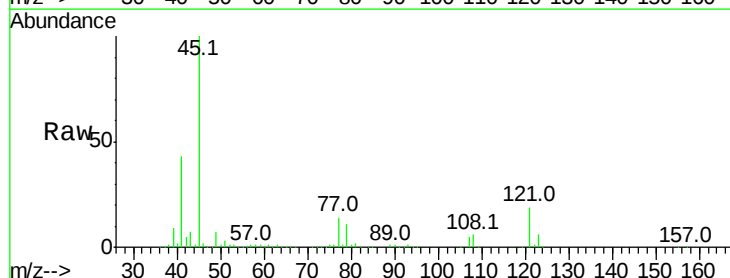
Manual Integrations
APPROVED

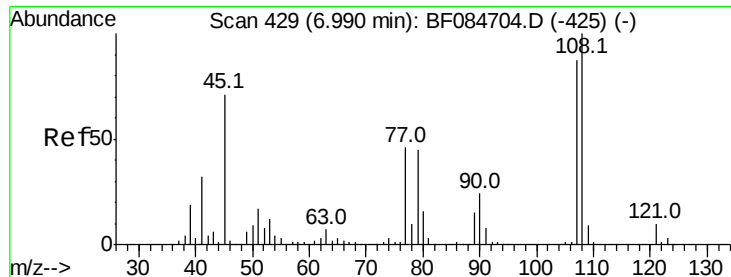
mohammad
2/2/2016 4:19:21 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.80 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	39.6
79	11.1	0.0	35.0





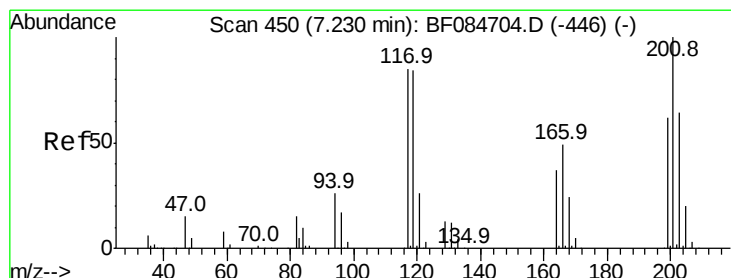
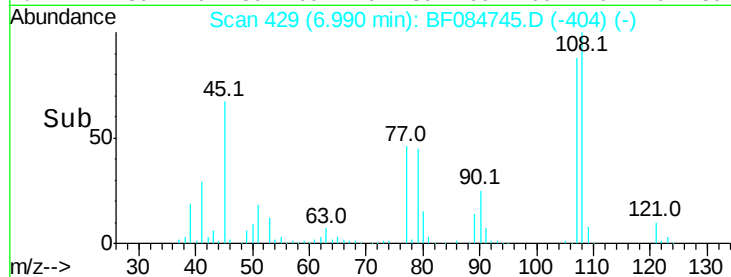
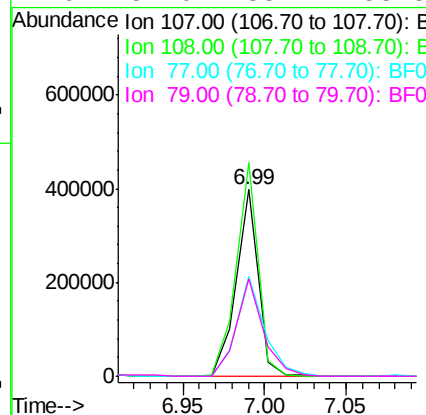
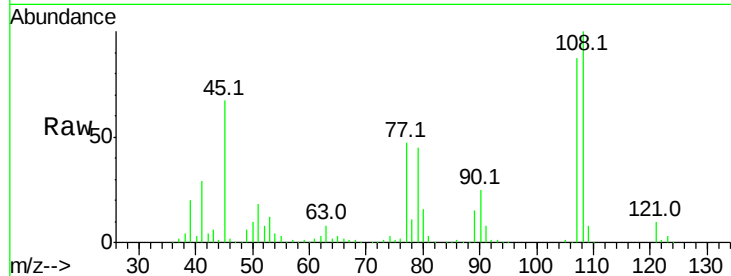
#17
2-Methylphenol
Concen: 39.60 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	89.8	134.6	
77	53.6	35.7	53.5	
79	52.0	35.7	53.5	

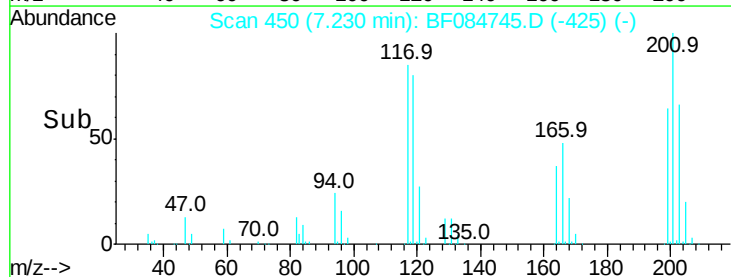
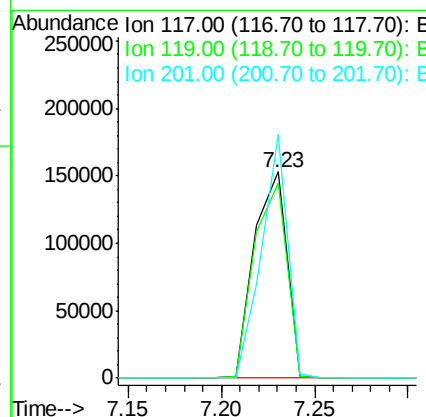
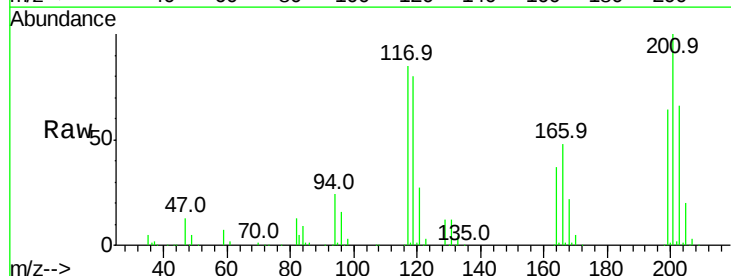
Manual Integrations
APPROVED

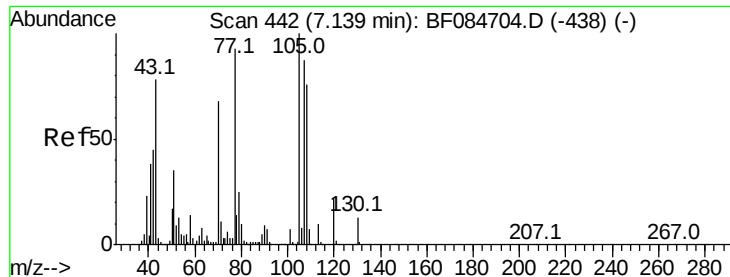
mohammad
2/2/2016 4:19:21 PM



#18
Hexachloroethane
Concen: 38.56 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.0	
201	118.2	68.6	103.0	





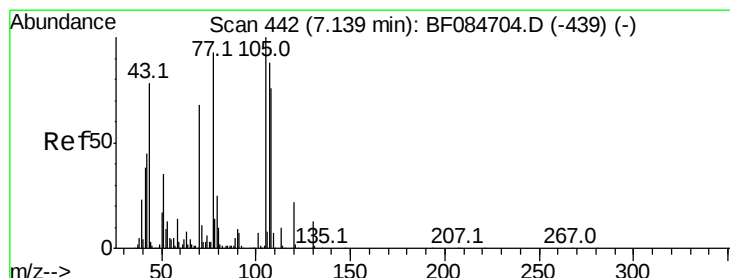
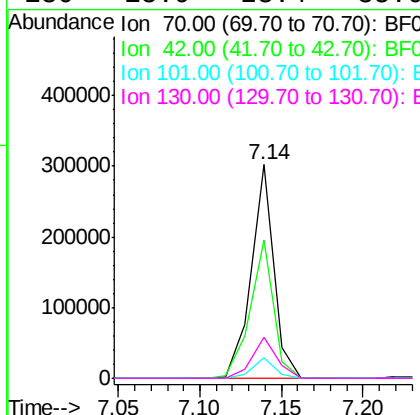
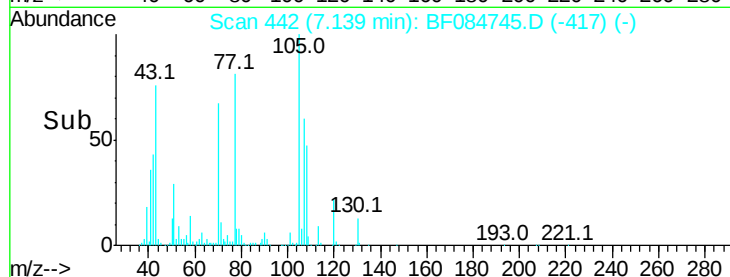
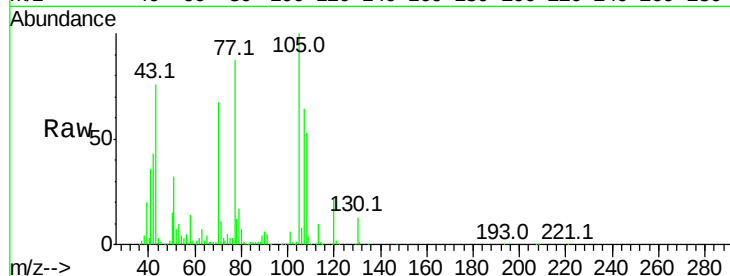
#19
n-Nitroso-di-n-propylamine
Concen: 36.21 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	33.3	49.9#
101	9.5	9.3	13.9
130	18.9	23.4	35.0#

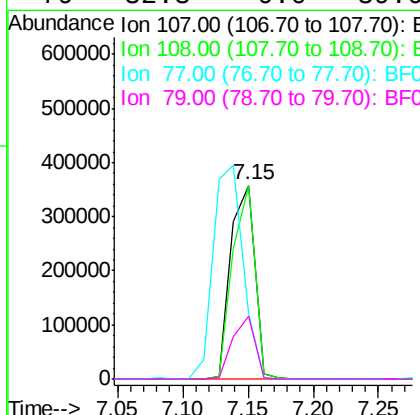
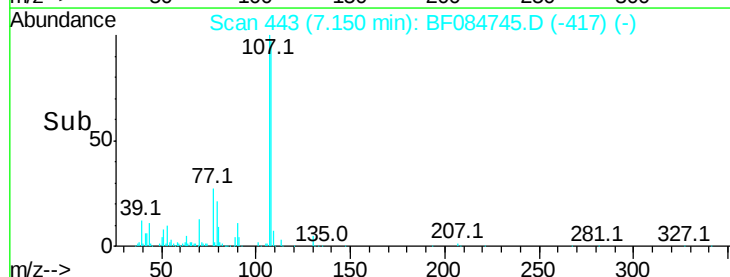
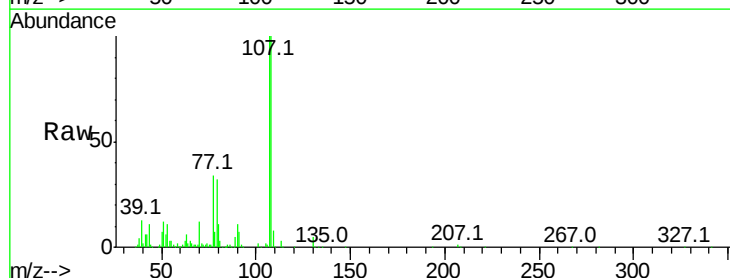
Manual Integrations
APPROVED

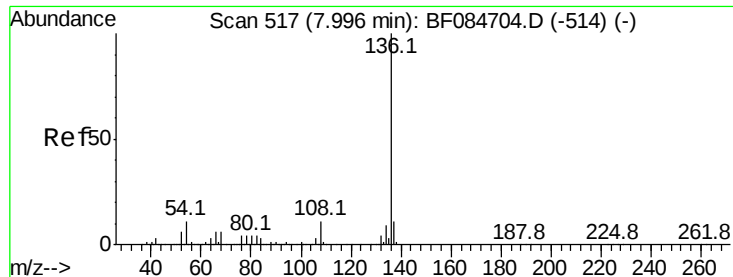
mohammad
2/2/2016 4:19:21 PM



#20
3+4-Methylphenols
Concen: 39.81 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	100.1	74.6	114.6
77	33.8	0.7	40.7
79	32.3	0.0	39.0





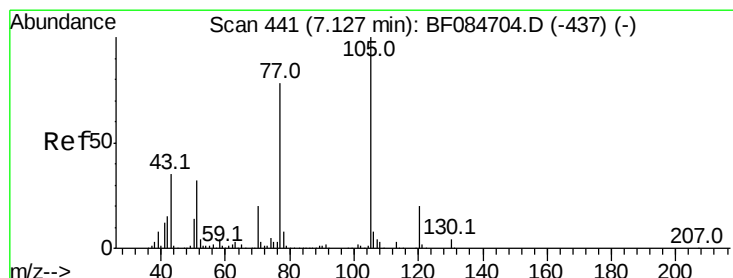
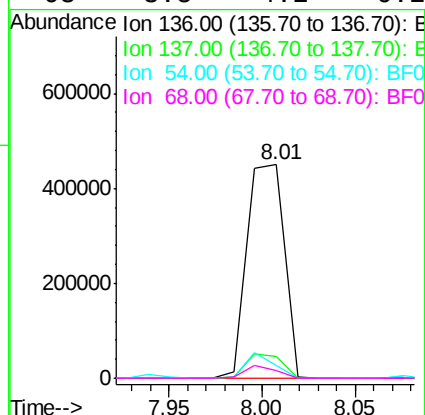
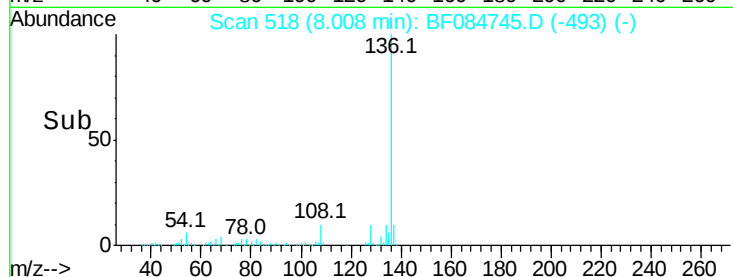
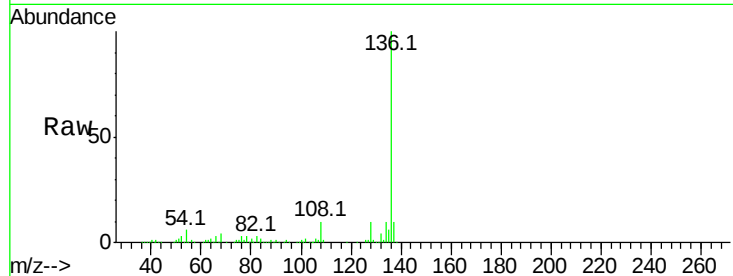
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.9	5.8	8.8
68	3.5	4.2	6.2#

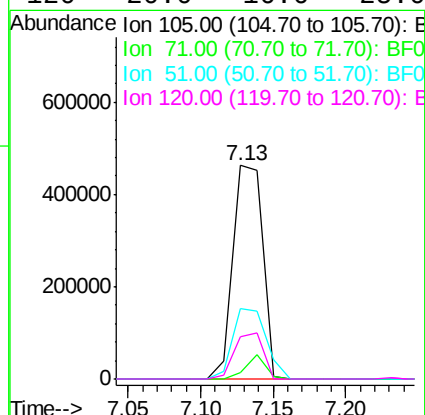
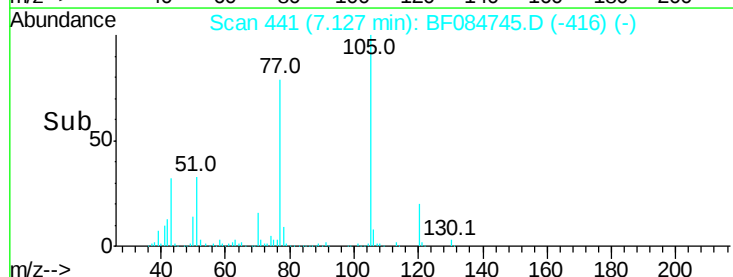
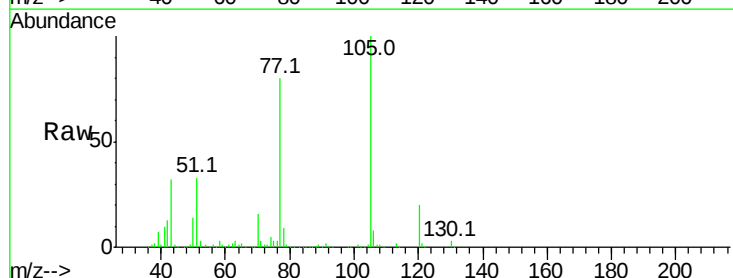
Manual Integrations
APPROVED

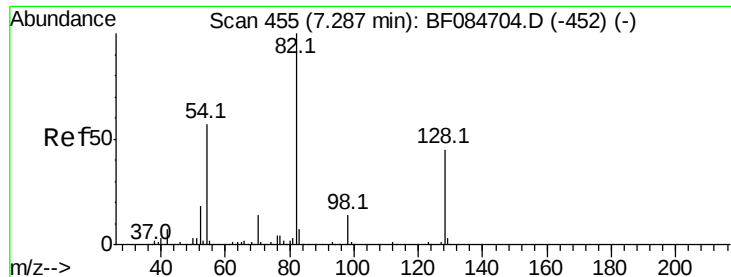
mohammad
2/2/2016 4:19:21 PM



#22
Acetophenone
Concen: 40.19 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.8	3.7	5.5#
51	32.8	25.1	37.7
120	20.0	16.6	25.0





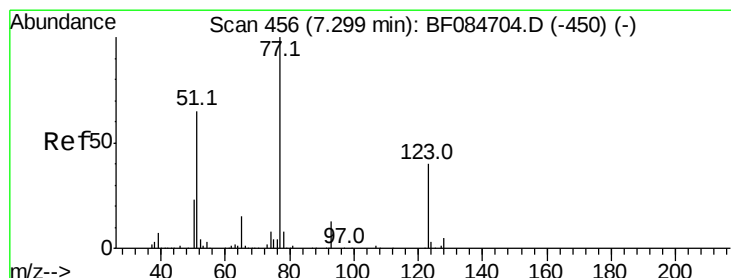
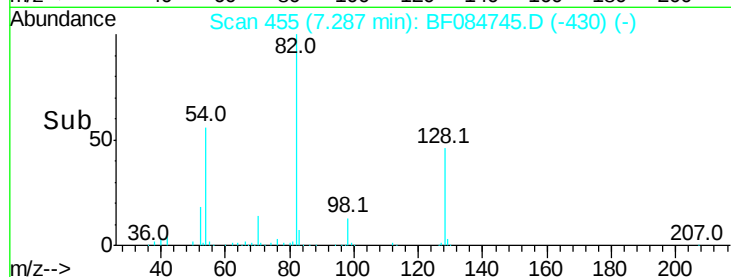
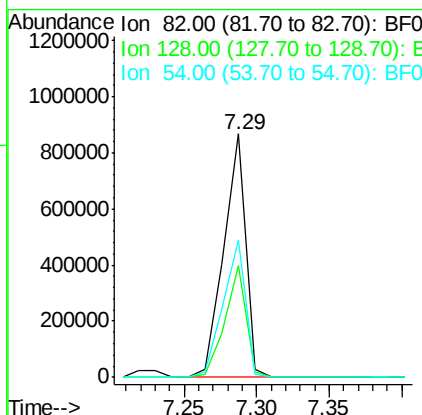
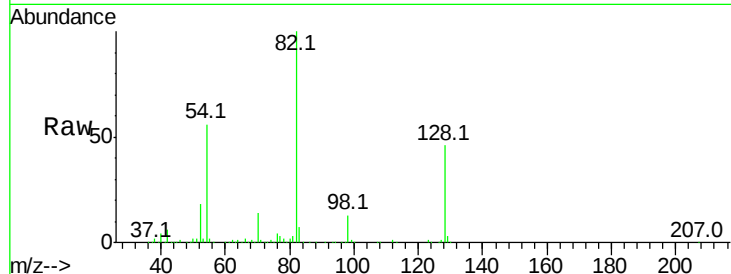
#23
 Nitrobenzene-d5
 Concen: 82.16 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	34.6	51.8	
54	56.3	38.4	57.6	

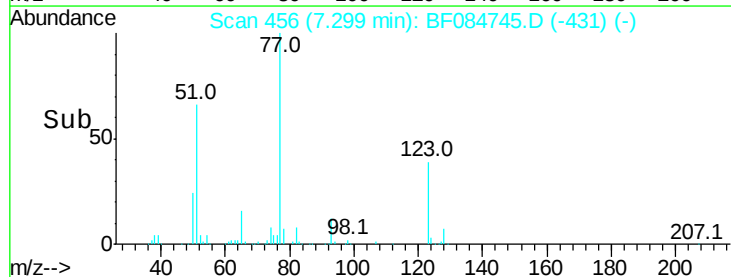
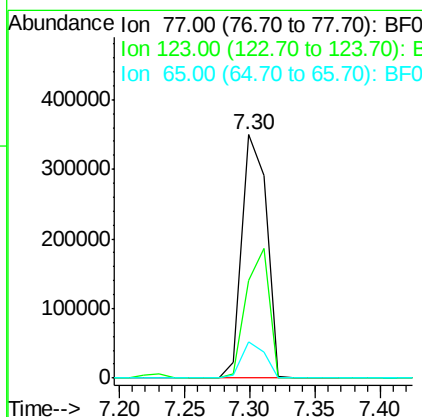
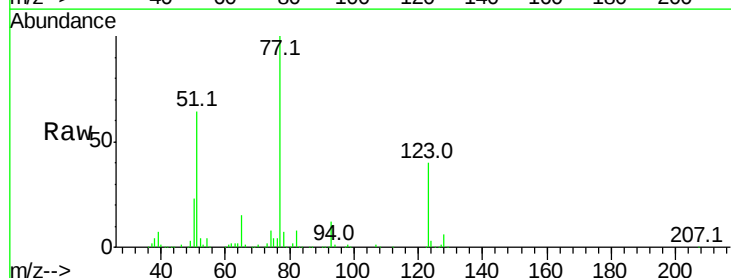
Manual Integrations
 APPROVED

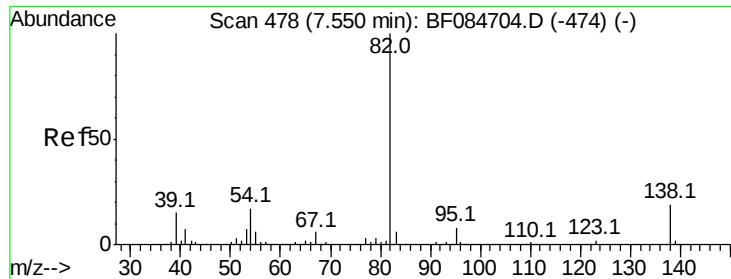
mohammad
 2/2/2016 4:19:21 PM



#24
 Nitrobenzene
 Concen: 38.41 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.1	37.4	56.2	
65	14.9	10.9	16.3	





#25

Isophorone

Concen: 40.40 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

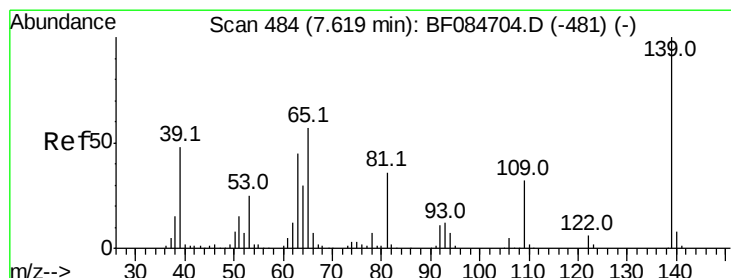
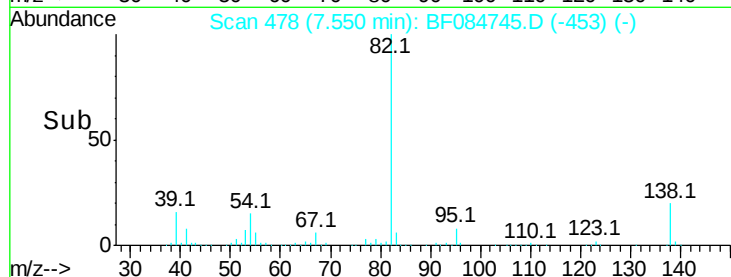
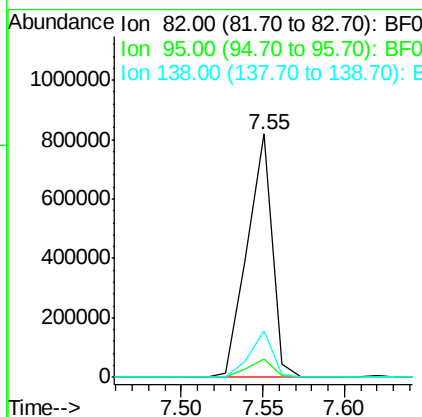
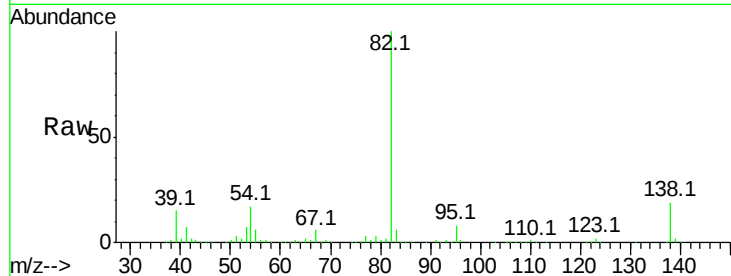
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	871036
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	10.0
138	18.9	13.6	20.4

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#26

2-Nitrophenol

Concen: 37.50 ng

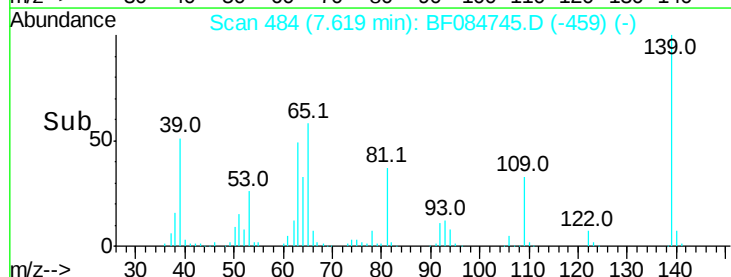
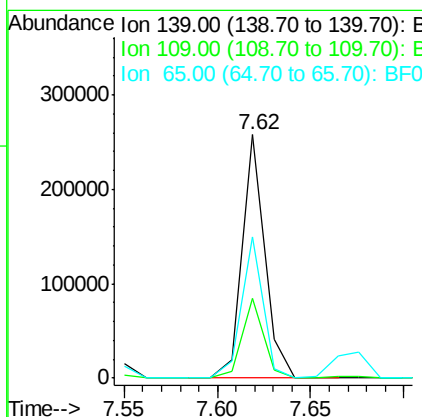
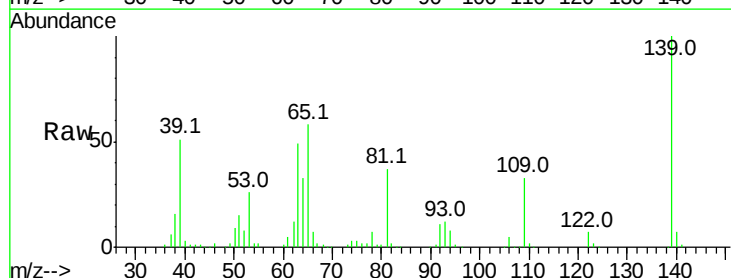
RT: 7.62 min Scan# 484

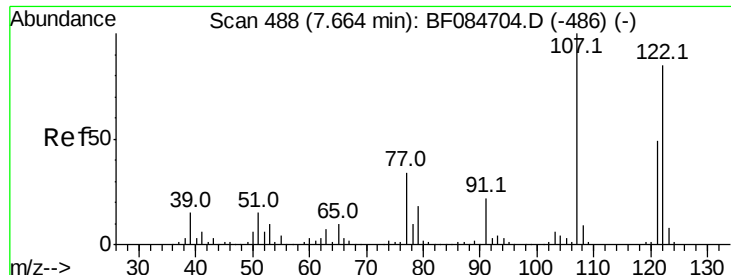
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	139	Resp:	219613
Ion Ratio	Lower	Upper	
139	100		
109	32.6	25.4	38.2
65	58.1	32.3	48.5#





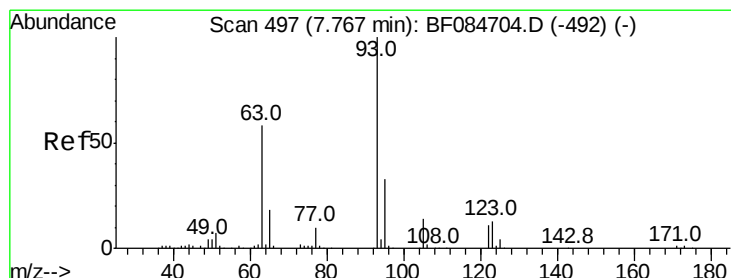
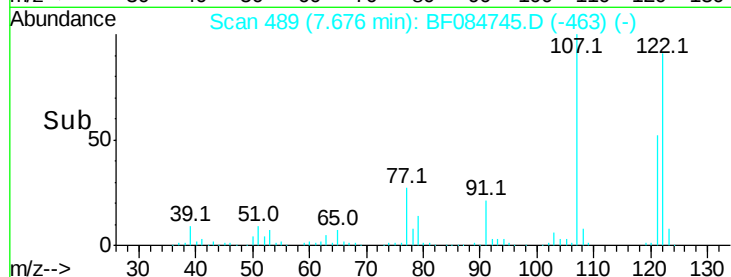
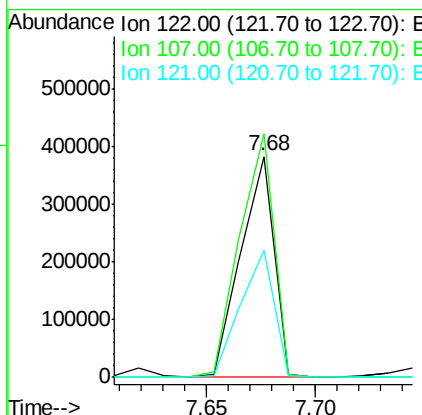
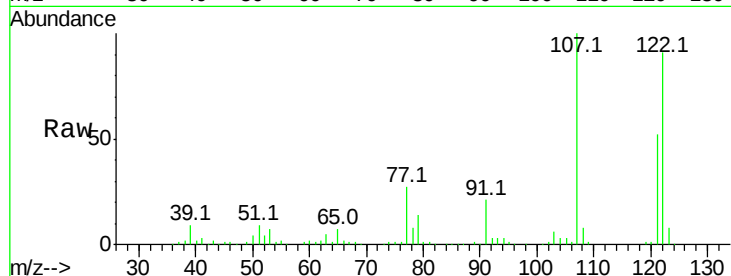
#27
2,4-Dimethylphenol
Concen: 40.35 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	411039		
107	110.2	99.1	148.7	
121	57.7	47.9	71.9	

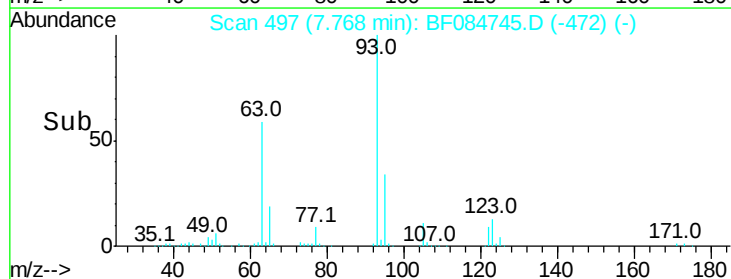
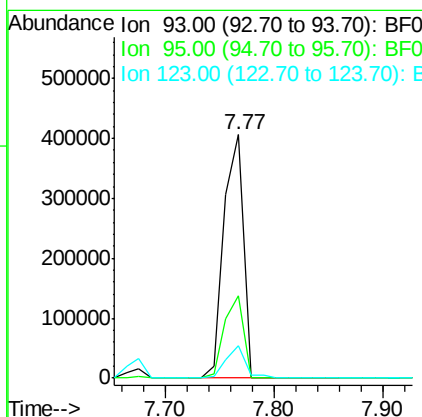
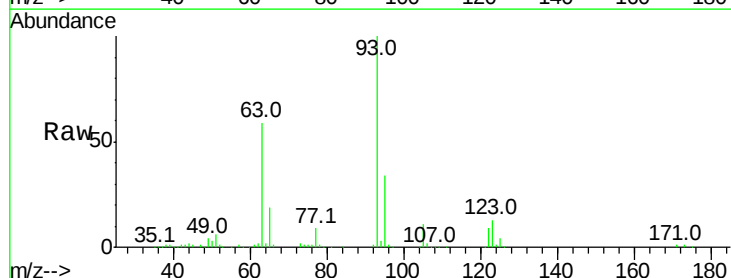
Manual Integrations
APPROVED

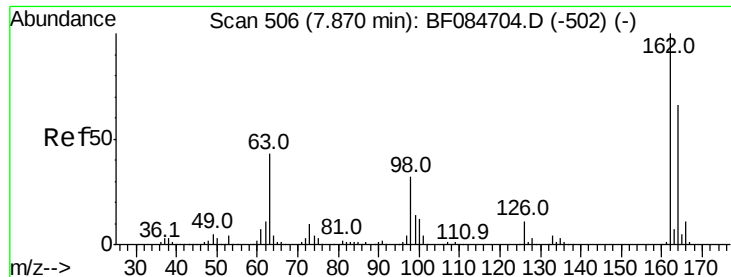
mohammad
2/2/2016 4:19:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.44 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	504477		
95	33.6	25.8	38.6	
123	13.3	8.6	12.8	





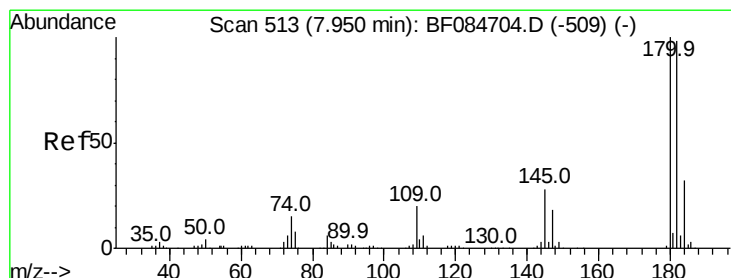
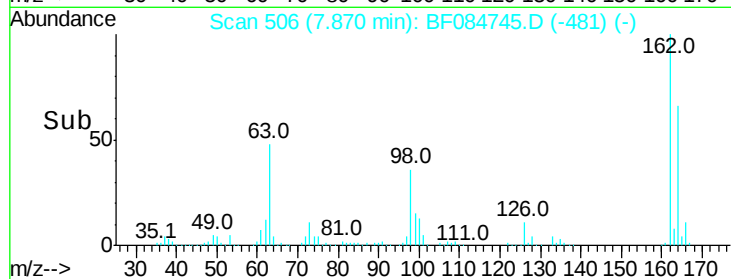
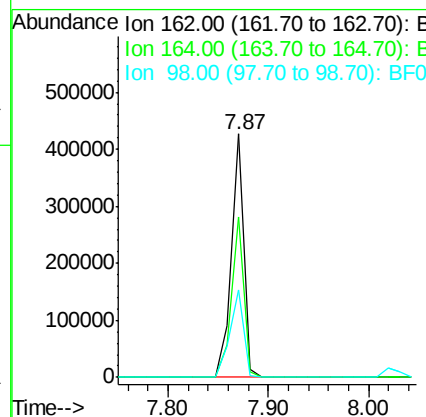
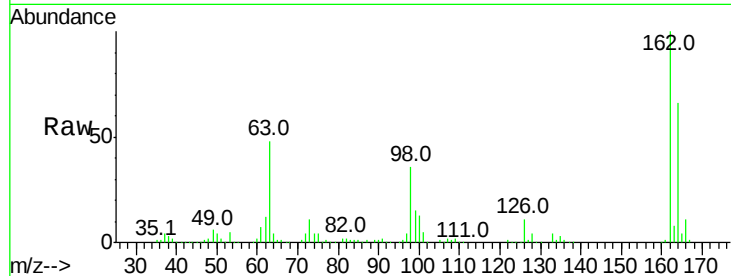
#29
 2,4-Dichlorophenol
 Concen: 42.21 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	44.1	84.1
98	35.9	20.2	60.2

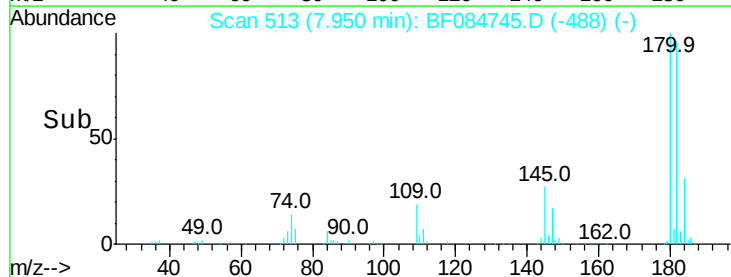
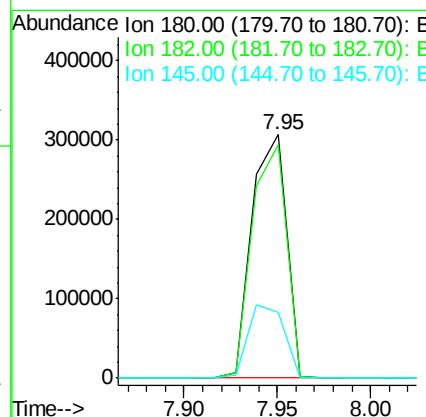
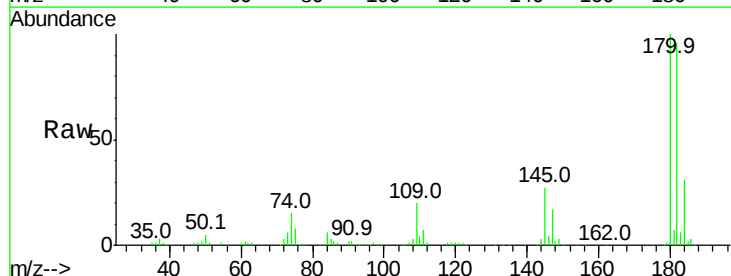
Manual Integrations
 APPROVED

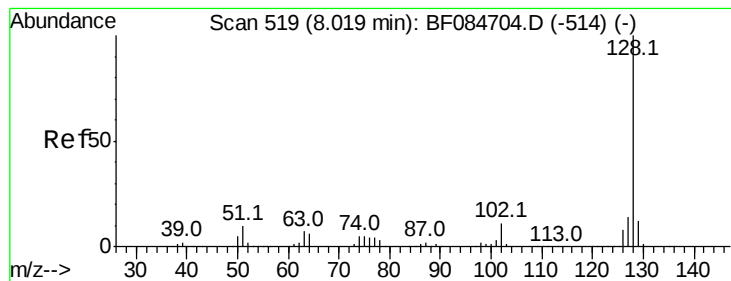
mohammad
 2/2/2016 4:19:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.98 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.4	114.6
145	27.0	31.6	47.4





#31

Naphthalene

Concen: 37.68 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1180473

Ion Ratio Lower Upper

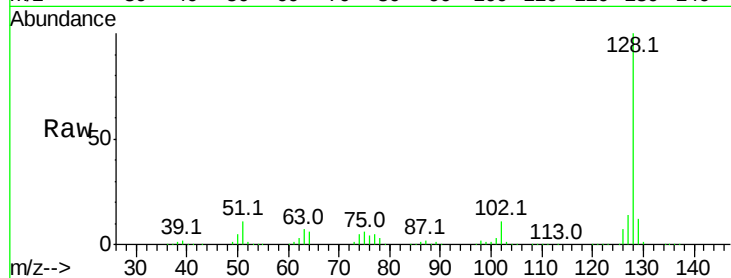
128 100

129 11.8 9.1 13.7

127 13.8 11.1 16.7

Manual Integrations
APPROVED

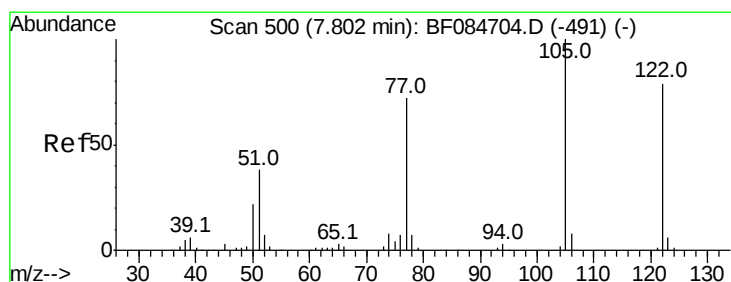
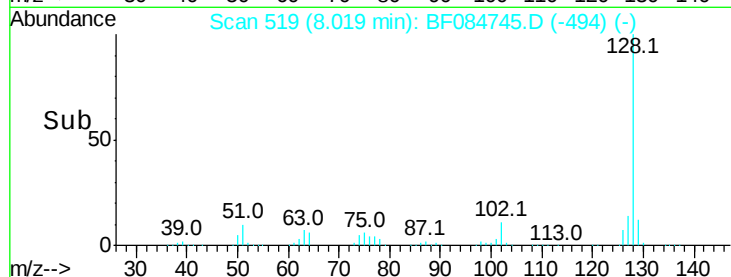
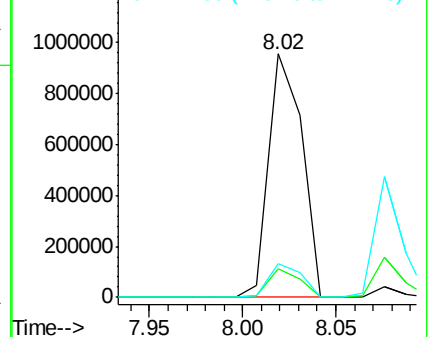
mohammad
2/2/2016 4:19:21 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.89 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

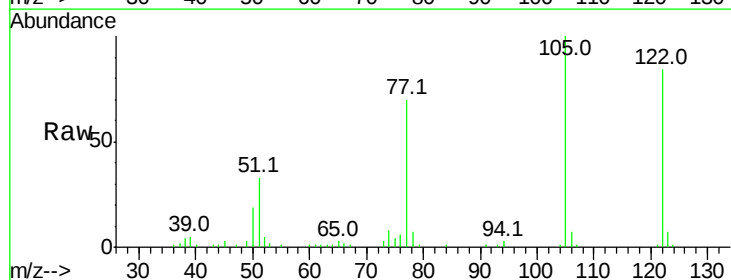
Tgt Ion:122 Resp: 175181

Ion Ratio Lower Upper

122 100

105 118.4 100.3 140.3

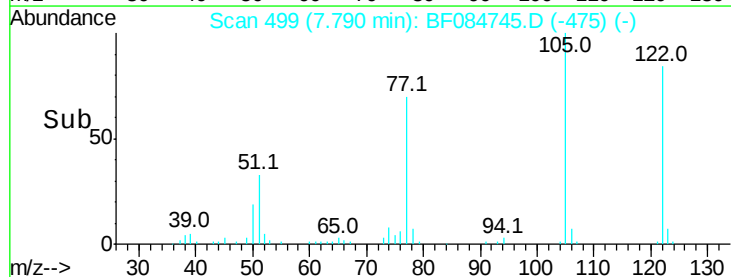
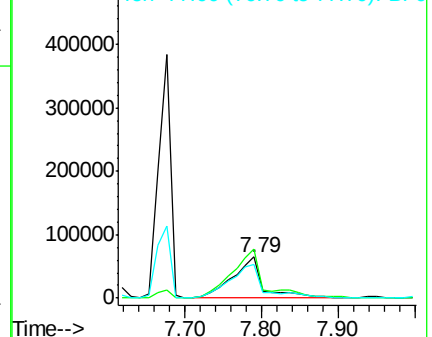
77 82.5 63.5 103.5

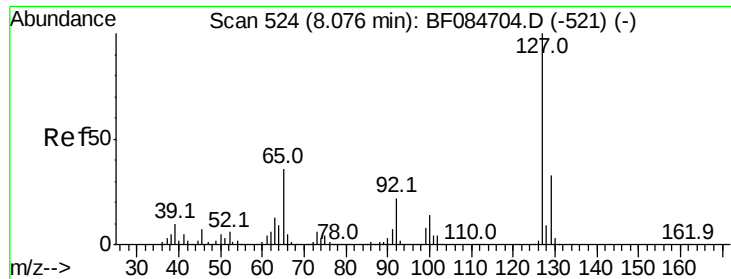


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





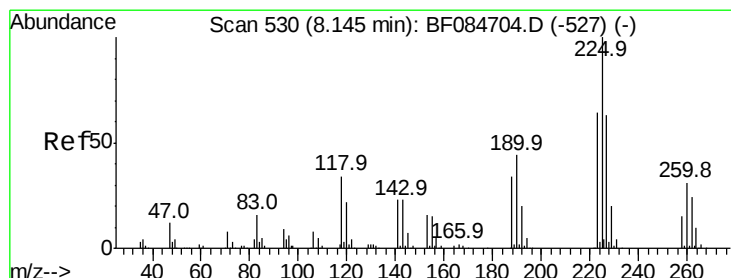
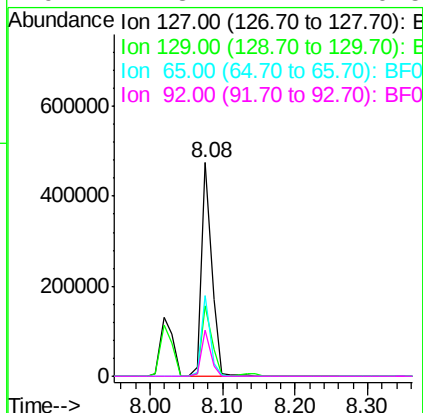
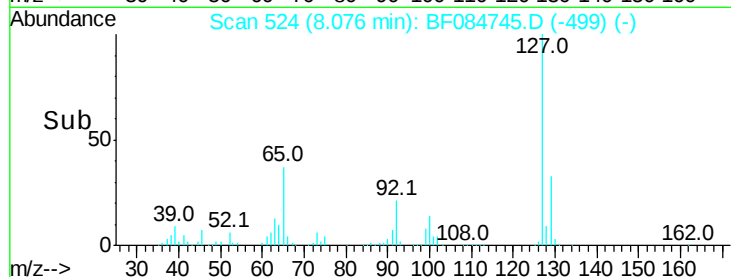
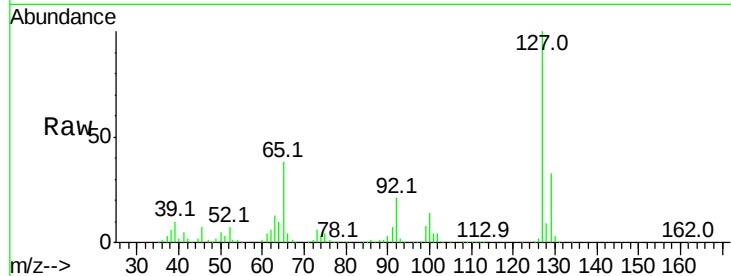
#33
4-Chloroaniline
Concen: 36.12 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.5	39.7		
65	37.8	27.2	40.8		
92	21.3	17.7	26.5		

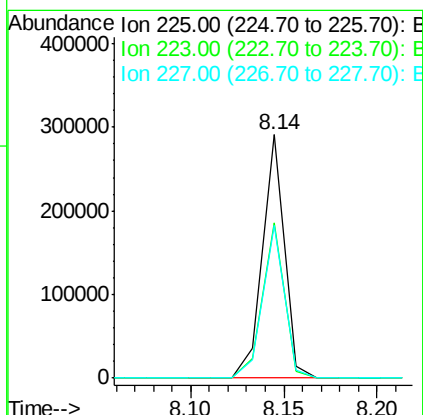
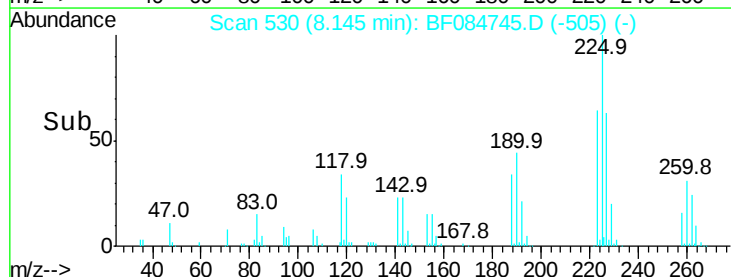
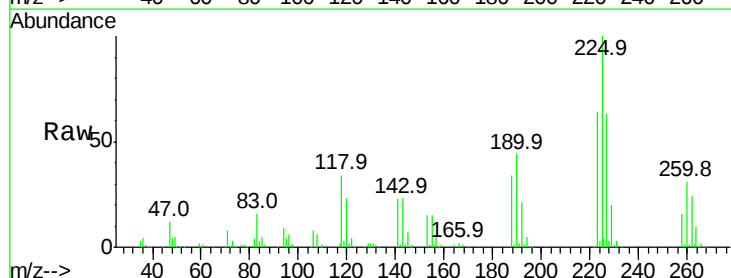
Manual Integrations
APPROVED

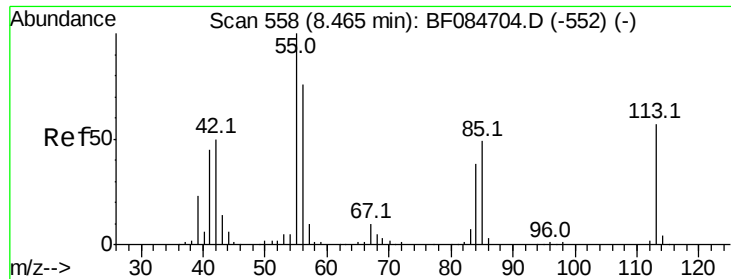
mohammad
2/2/2016 4:19:21 PM



#34
Hexachlorobutadiene
Concen: 41.34 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	49.4	74.0		
227	62.7	50.8	76.2		





#35

Caprolactam

Concen: 32.68 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 87771

Ion Ratio Lower Upper

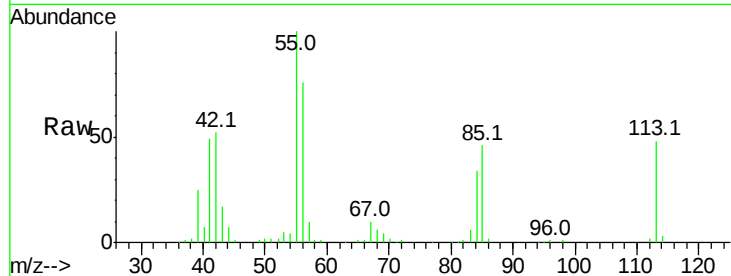
113 100

55 208.4 116.9 156.9#

56 157.8 93.8 133.8#

Manual Integrations
APPROVED

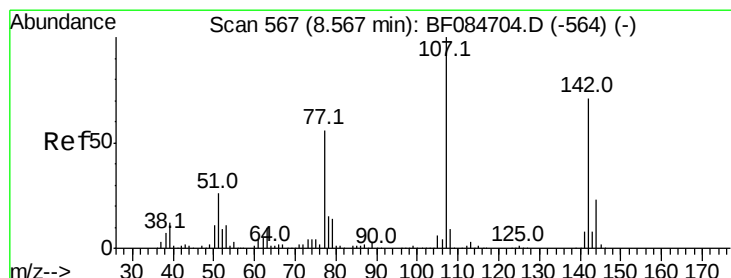
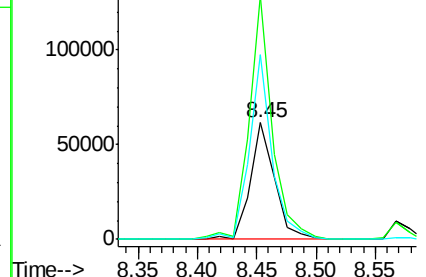
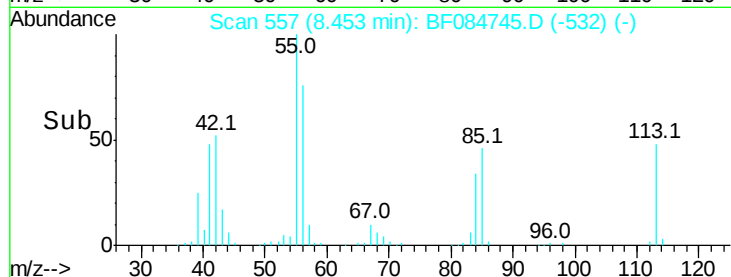
mohammad
2/2/2016 4:19:21 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.17 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

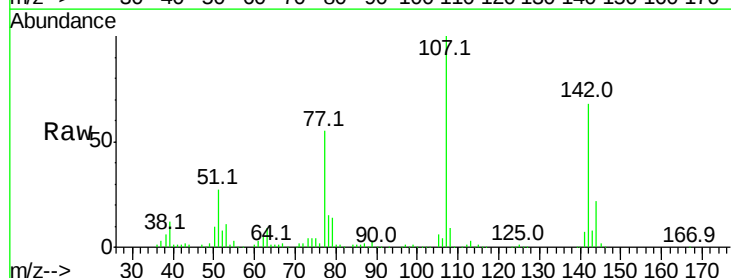
Tgt Ion:107 Resp: 369548

Ion Ratio Lower Upper

107 100

144 21.8 19.7 29.5

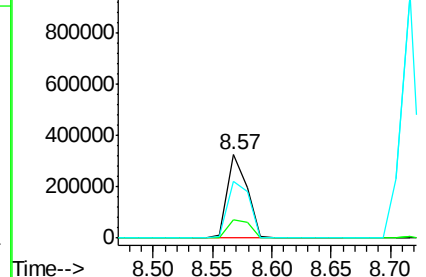
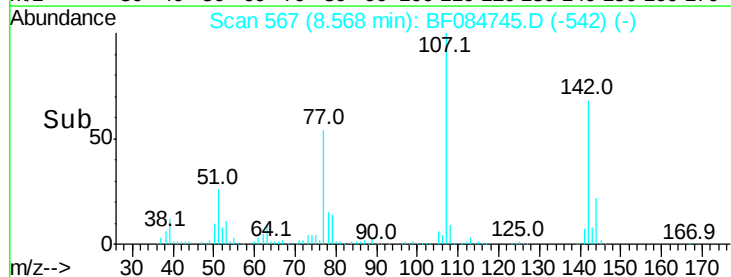
142 67.7 61.8 92.6

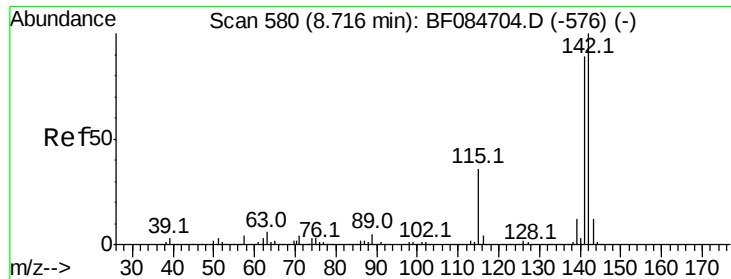


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





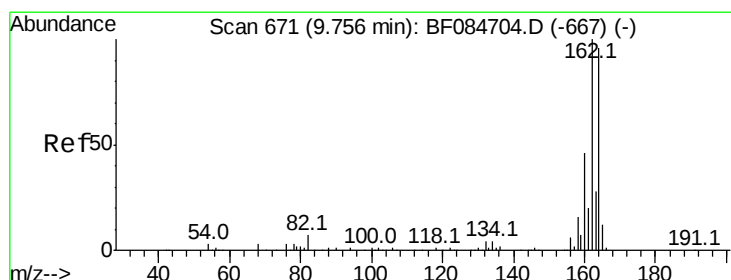
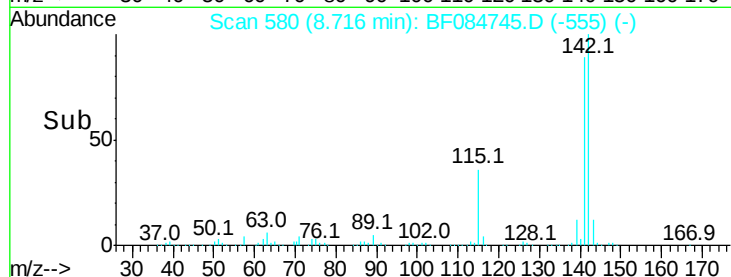
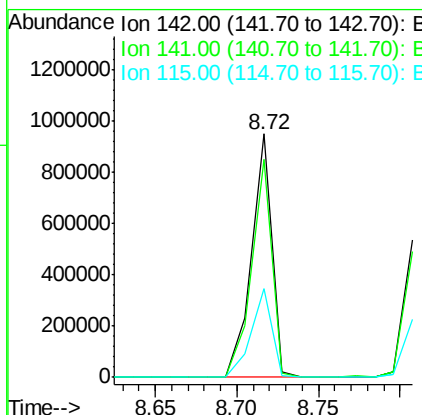
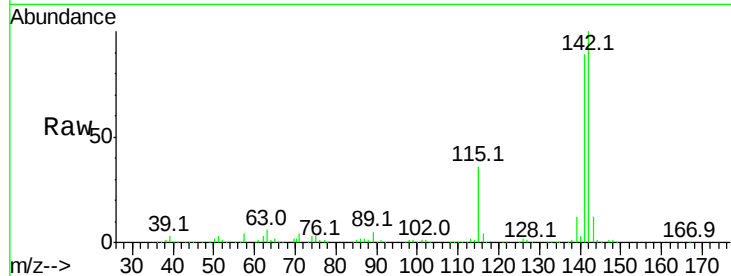
#37
2-Methylnaphthalene
Concen: 42.10 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	825502		
141	89.3	72.4	108.6	
115	36.3	27.9	41.9	

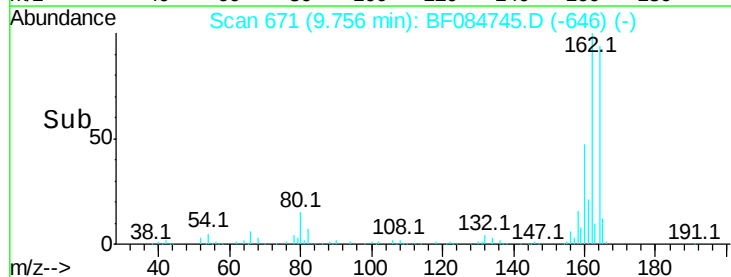
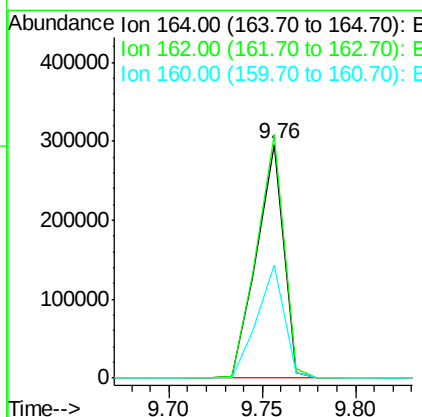
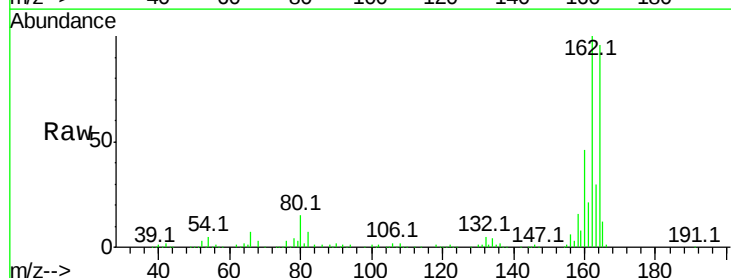
Manual Integrations
APPROVED

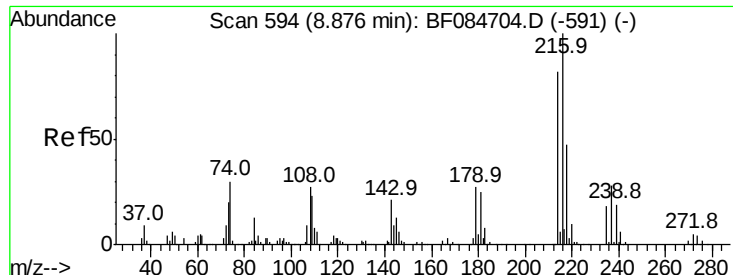
mohammad
2/2/2016 4:19:21 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296680		
162	104.2	85.1	127.7	
160	48.4	37.5	56.3	





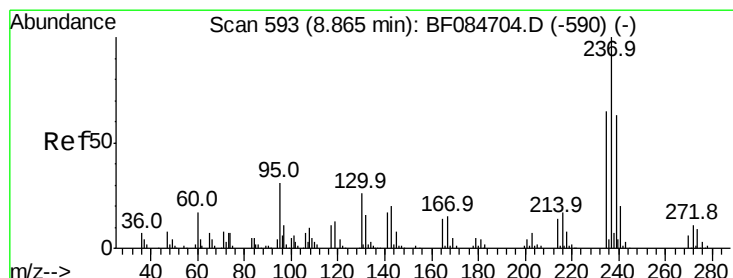
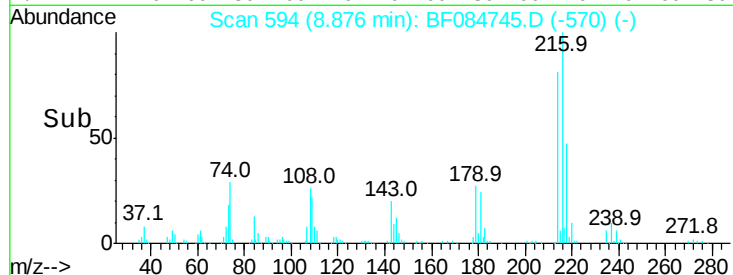
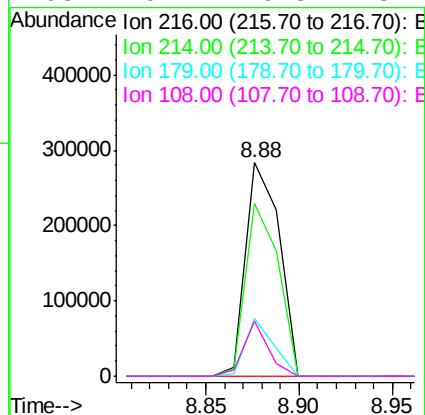
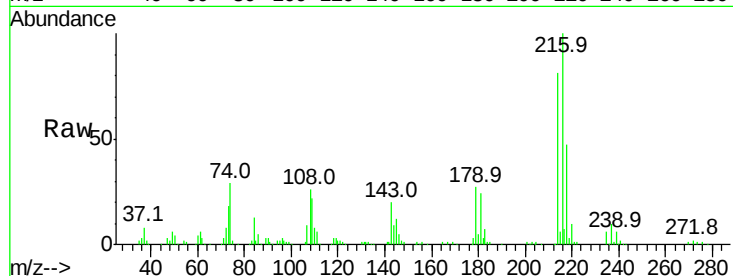
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.55 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	216	Resp:	353859
Ion Ratio		Lower	Upper
216	100		
214	78.7	64.2	96.2
179	22.8	18.7	28.1
108	19.2	16.8	25.2

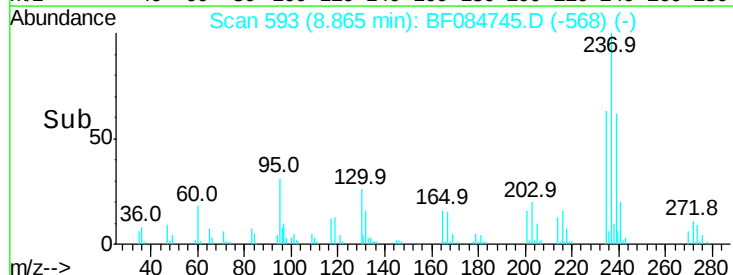
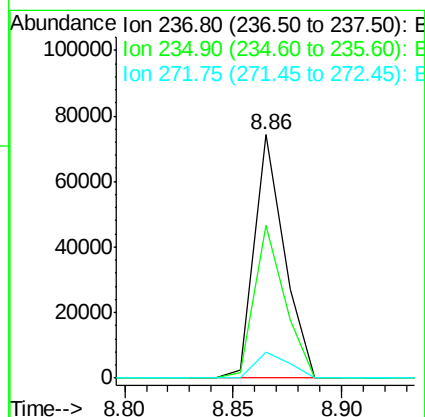
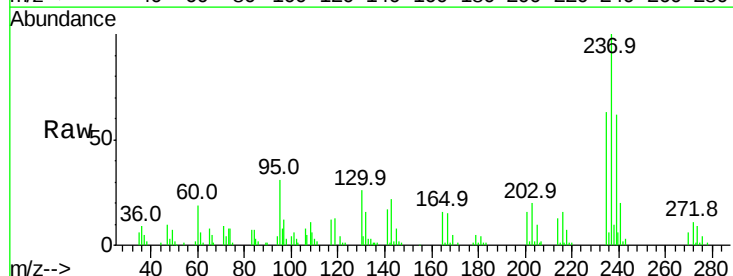
Manual Integrations
 APPROVED

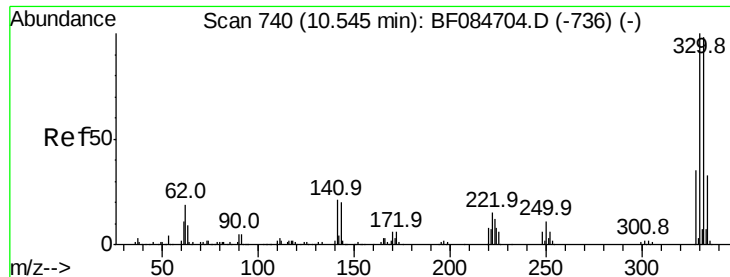
mohammad
 2/2/2016 4:19:21 PM



#40
 Hexachlorocyclopentadiene
 Concen: 24.68 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:	237	Resp:	71422
Ion Ratio		Lower	Upper
237	100		
235	62.6	43.1	83.1
272	10.8	0.0	35.1





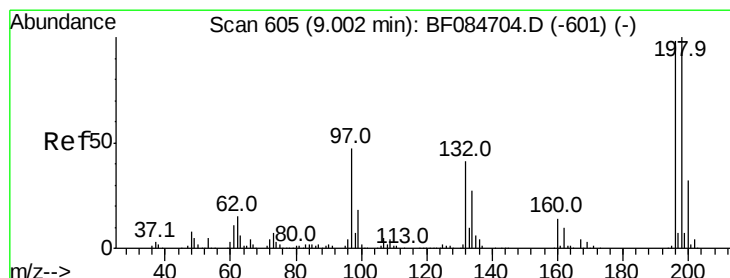
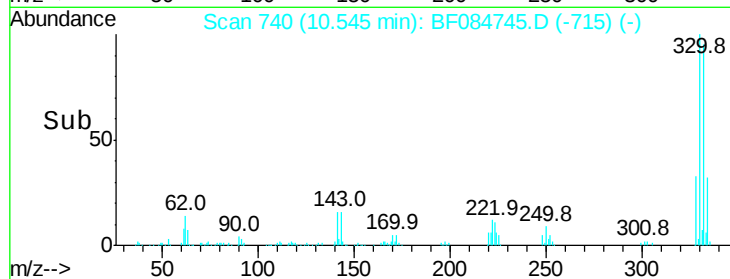
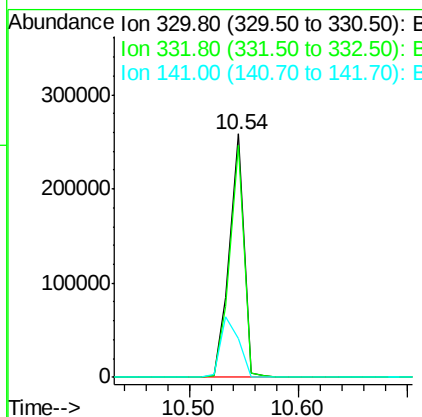
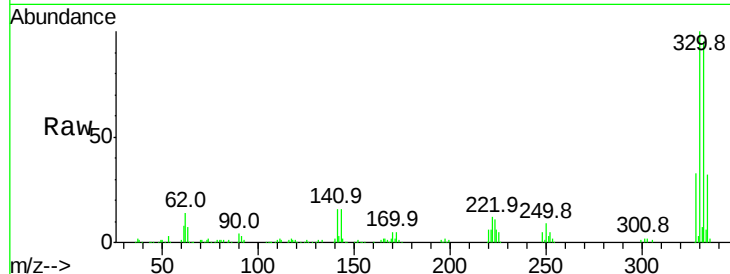
#41
 2,4,6-Tribromophenol
 Concen: 78.12 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	241752		
332	94.2	76.6	114.8	
141	31.5	27.8	41.6	

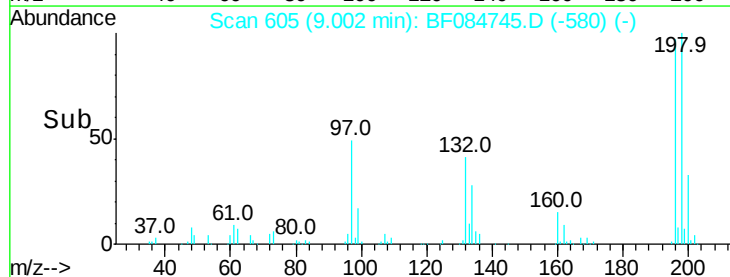
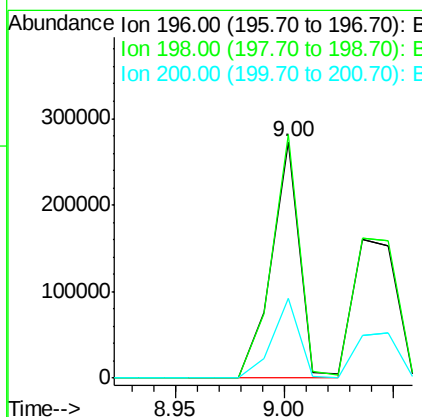
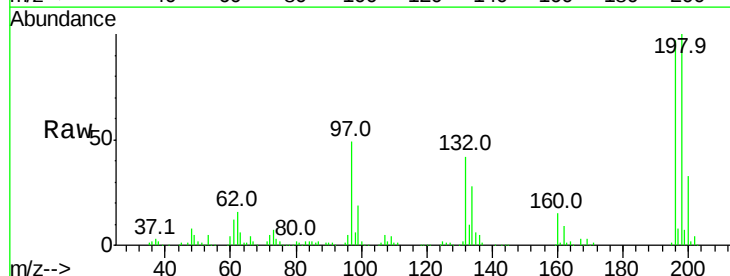
Manual Integrations
 APPROVED

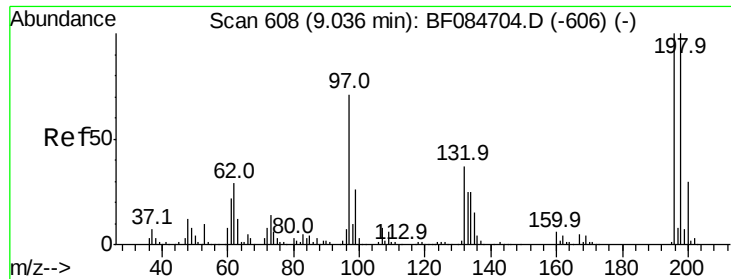
mohammad
 2/2/2016 4:19:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246484		
198	103.1	77.7	116.5	
200	33.8	24.6	37.0	





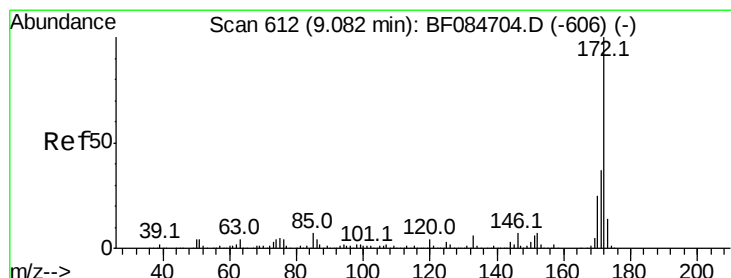
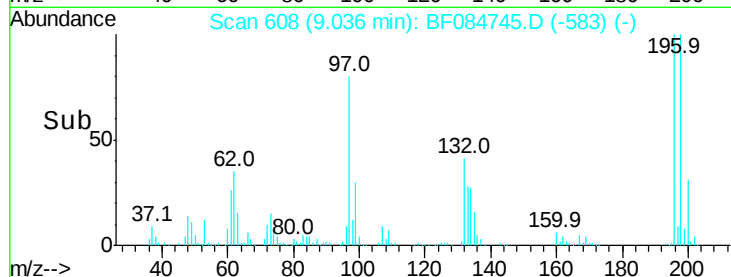
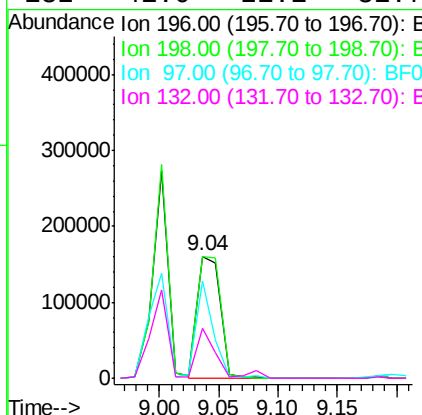
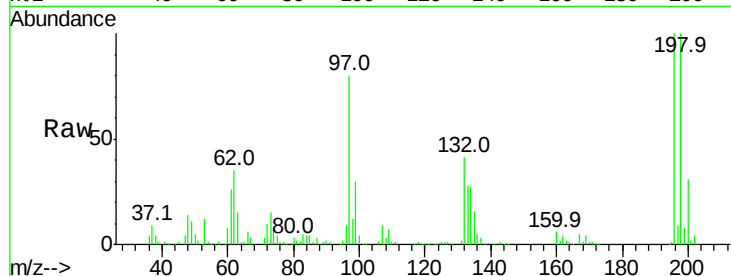
#43
 2,4,5-Trichlorophenol
 Concen: 36.04 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

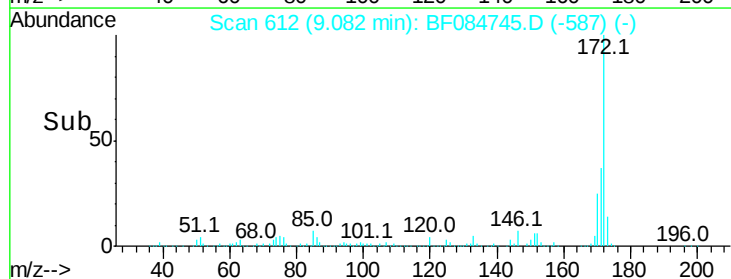
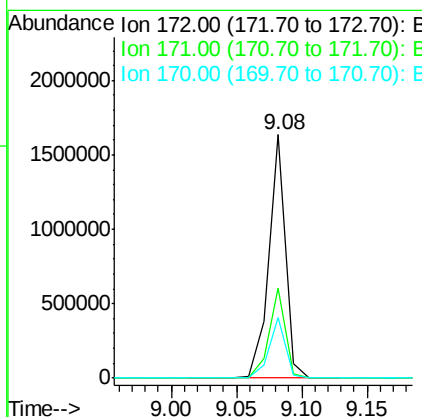
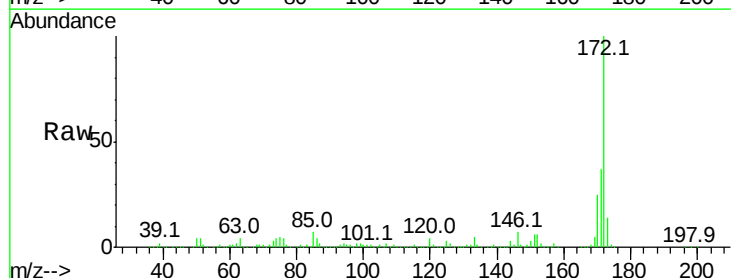
mohammad
 2/2/2016 4:19:21 PM

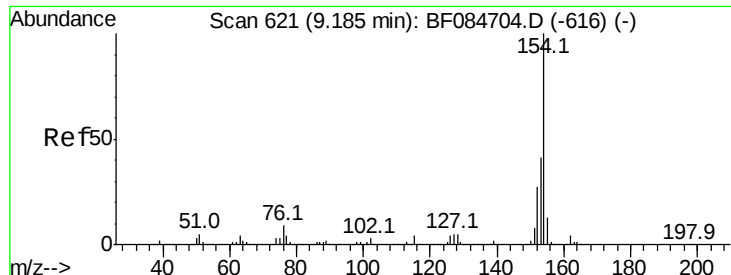
Tot Ion:	196	Resp:	222293
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.0	118.6
97	80.0	33.0	49.6#
132	41.0	21.1	31.7#



#44
 2-Fluorobiphenyl
 Concen: 81.49 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:	172	Resp:	1455861
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.9	43.3
170	25.1	18.6	27.8





#45

1,1'-Biphenyl

Concen: 41.11 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1089435

Ion Ratio Lower Upper

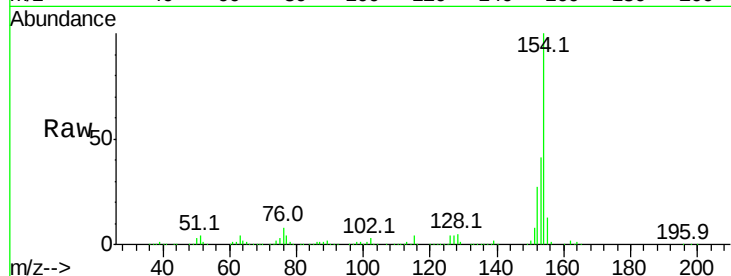
154 100

153 40.7 21.6 61.6

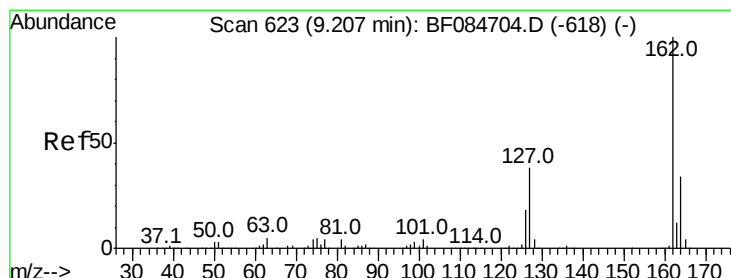
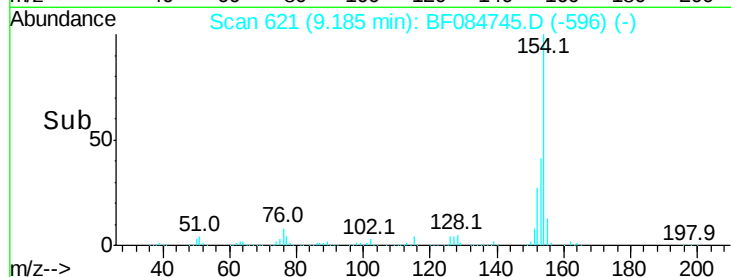
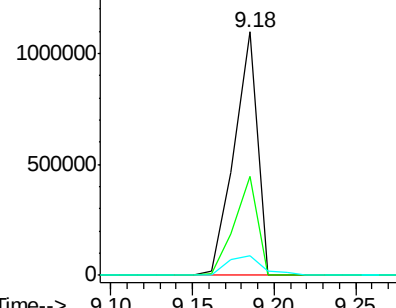
76 8.1 0.0 32.7

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.98 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

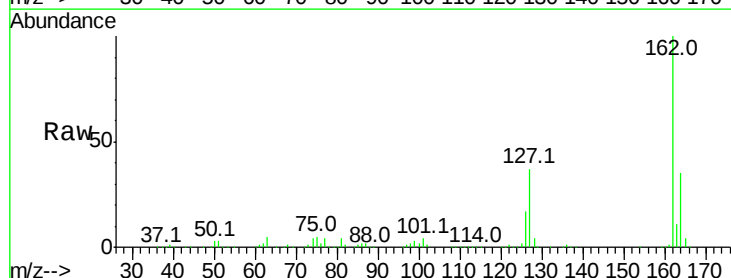
Tgt Ion:162 Resp: 760592

Ion Ratio Lower Upper

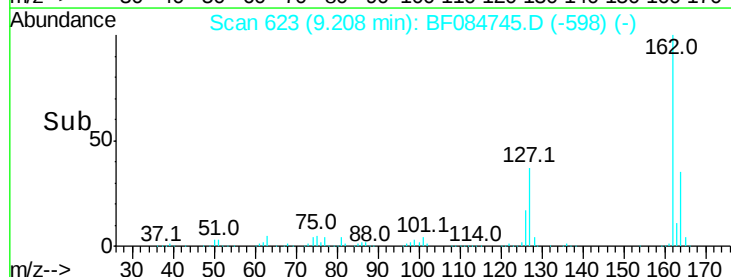
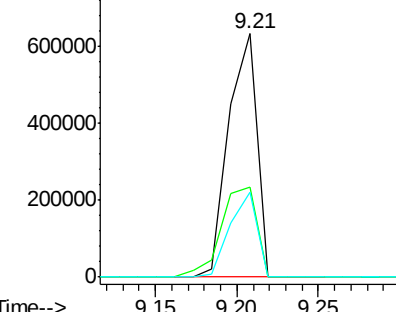
162 100

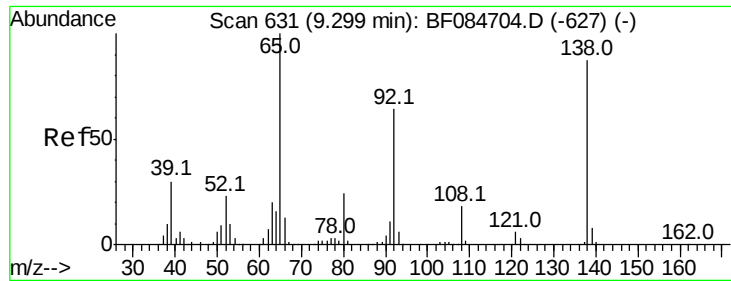
127 37.2 40.2 60.4#

164 34.8 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
800000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.66 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

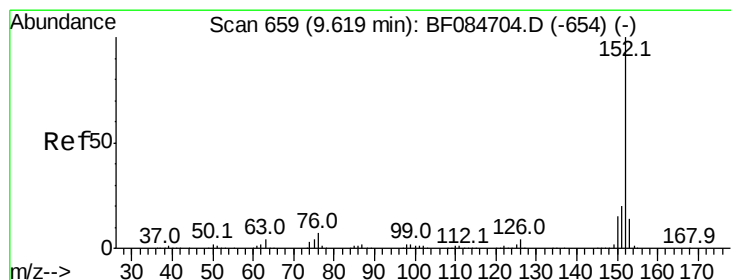
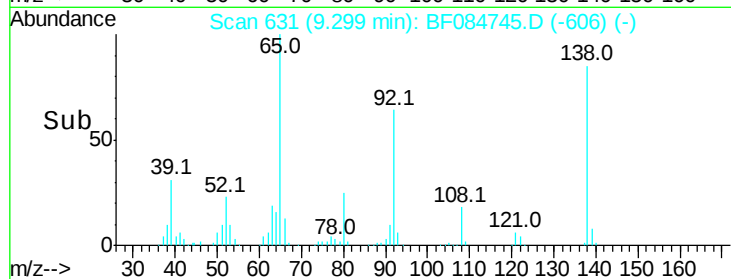
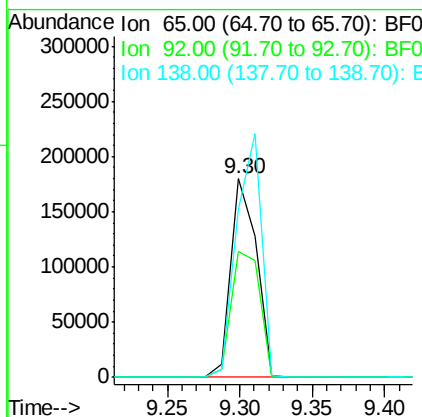
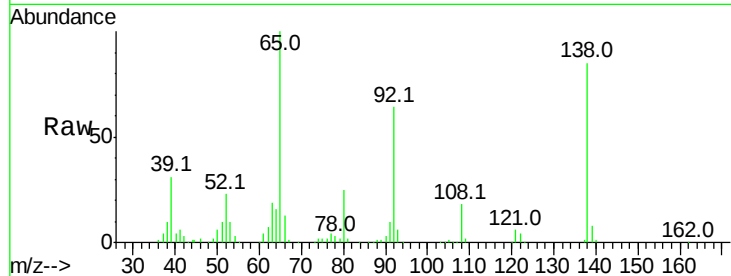
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	220358
Ion Ratio	Lower	Upper	
65	100		
92	63.5	53.4	80.2
138	84.6	71.1	106.7

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#48

Acenaphthylene

Concen: 40.23 ng

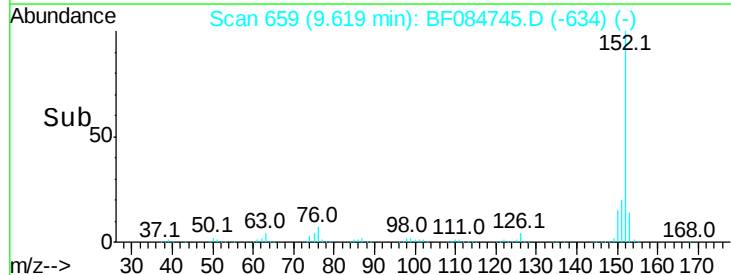
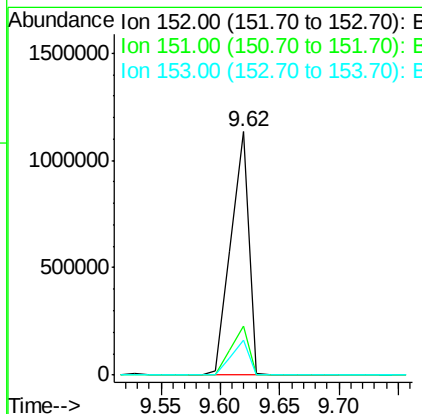
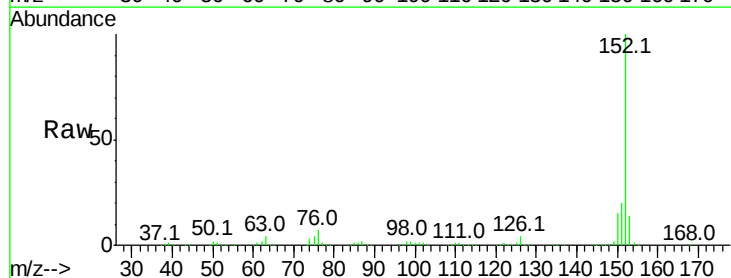
RT: 9.62 min Scan# 659

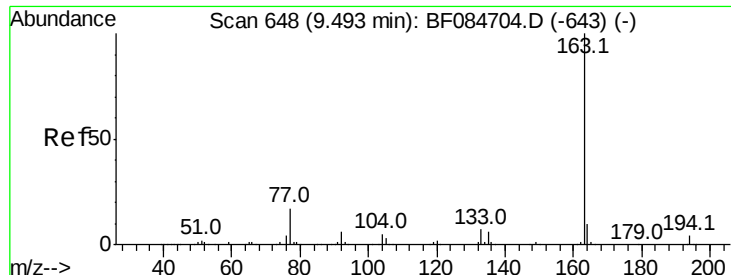
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	152	Resp:	1191343
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	14.2	10.4	15.6





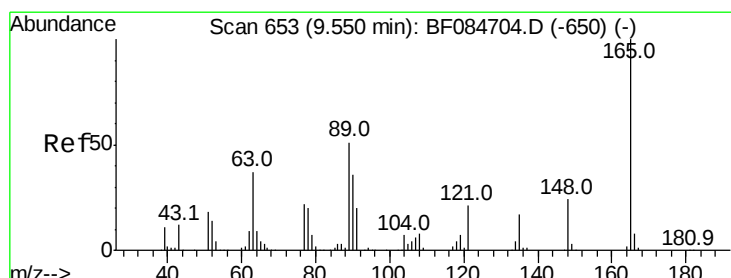
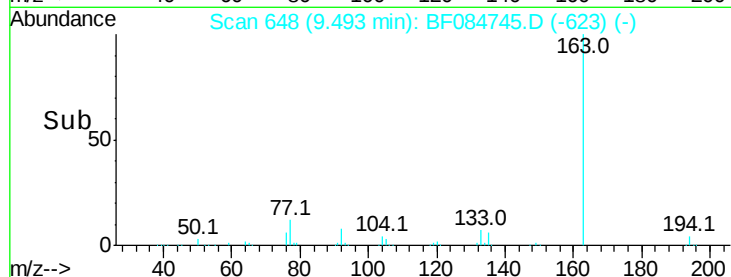
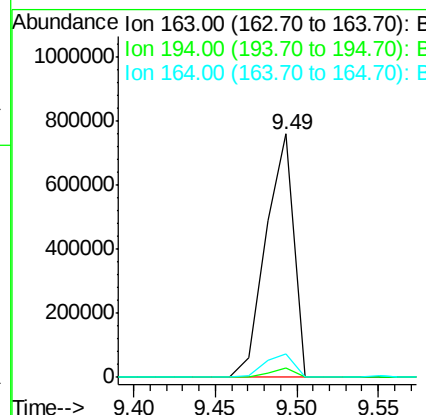
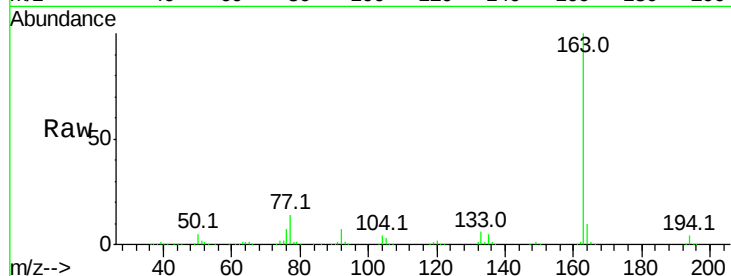
#49
Dimethylphthalate
Concen: 39.96 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.8	8.0	12.0

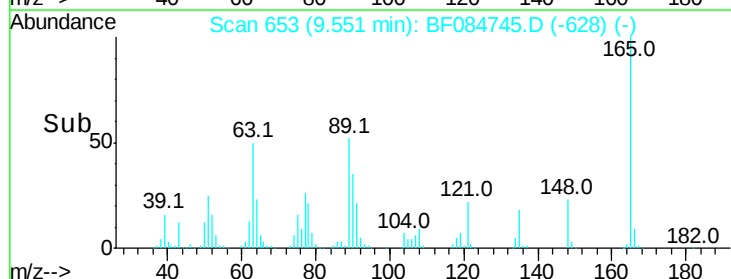
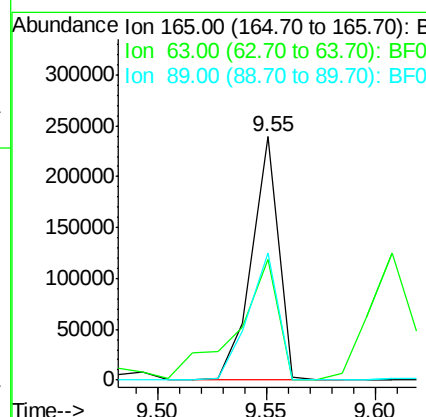
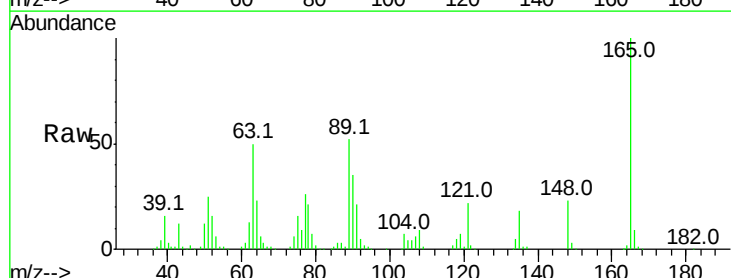
Manual Integrations
APPROVED

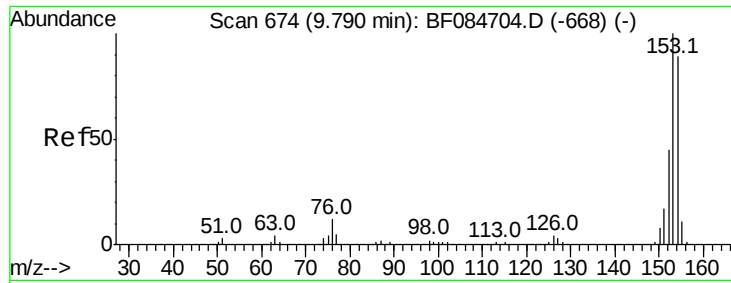
mohammad
2/2/2016 4:19:21 PM



#50
2,6-Dinitrotoluene
Concen: 41.61 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	49.6	28.8	43.2#
89	52.1	35.1	52.7





#51

Acenaphthene

Concen: 39.53 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

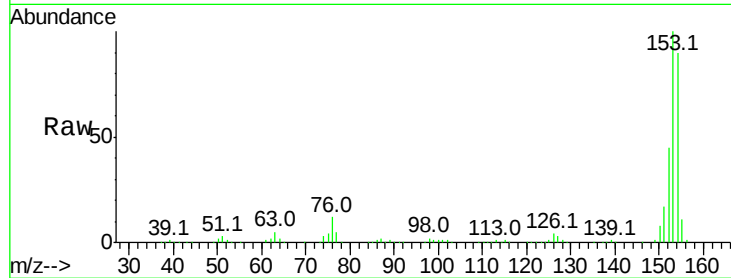
ClientSampleId :

SSTDCCC040EC

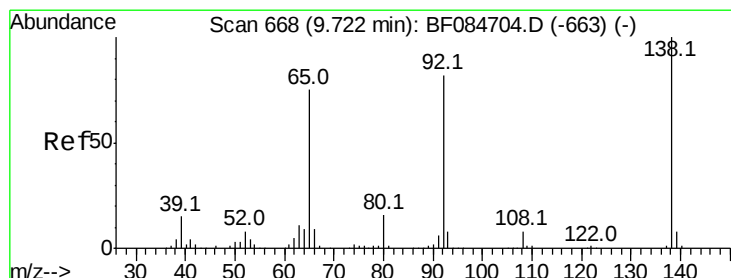
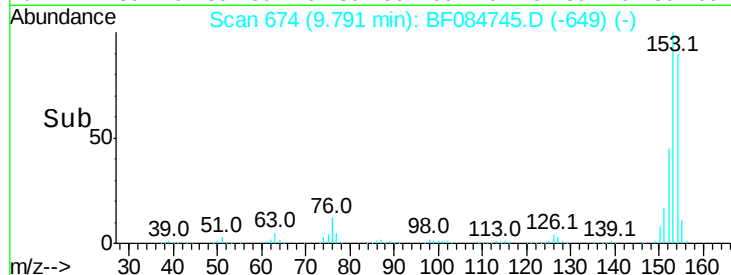
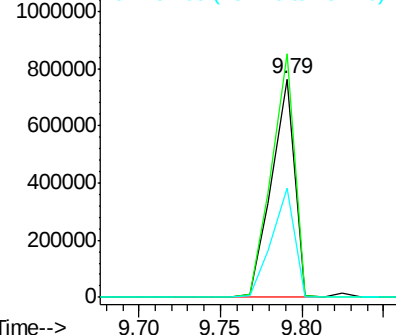
Tot Ion:	154	Resp:	761527
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.5	137.3
152	50.2	43.0	64.6

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



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



#52

3-Nitroaniline

Concen: 38.57 ng

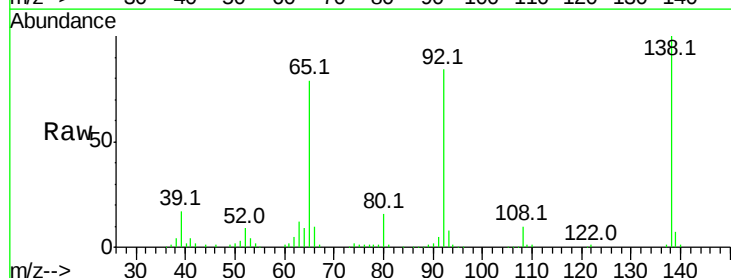
RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

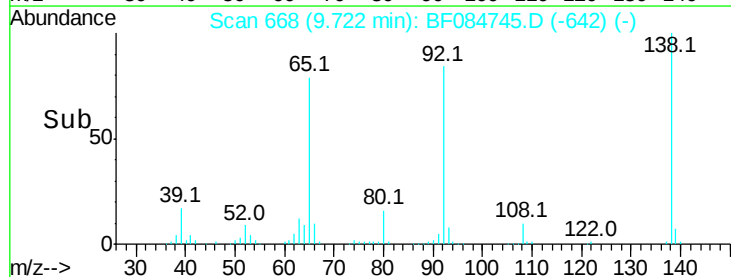
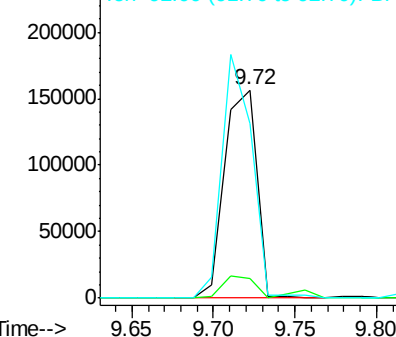
Lab File: BF084745.D

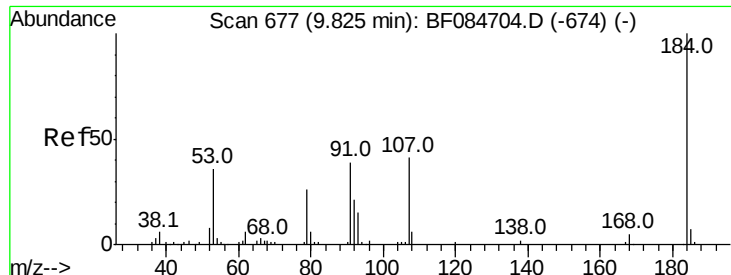
Acq: 2 Feb 2016 7:56

Tgt Ion:	138	Resp:	213944
Ion Ratio	Lower	Upper	
138	100		
108	9.6	10.5	15.7#
92	83.9	103.9	155.9#



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





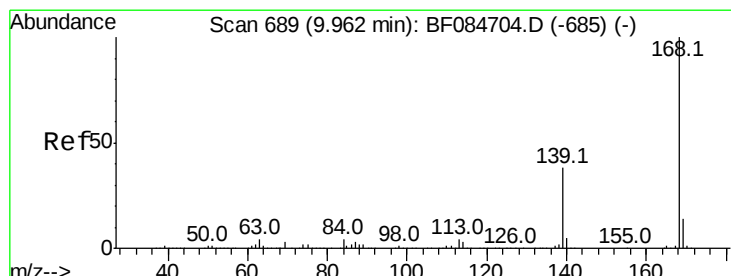
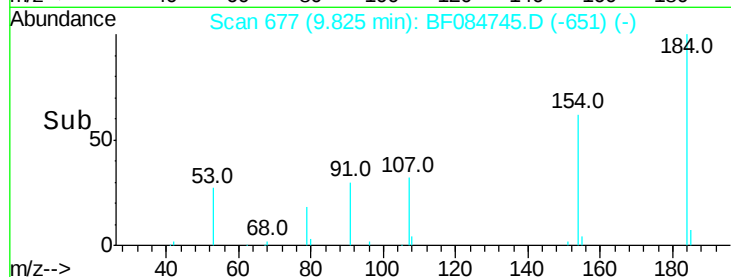
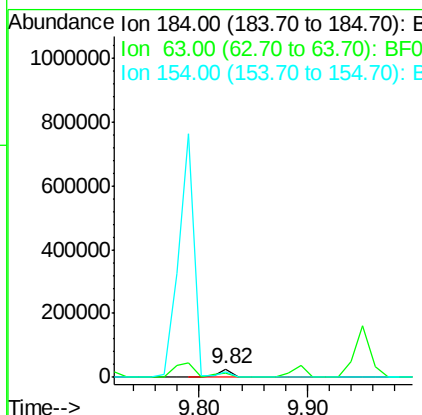
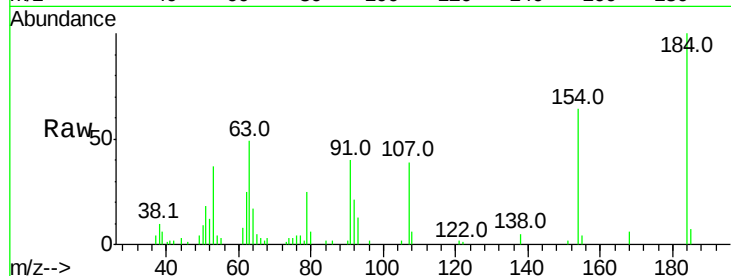
#53
 2,4-Dinitrophenol
 Concen: 16.77 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	26947		
63	49.0		43.1	64.7
154	63.7		60.5	90.7

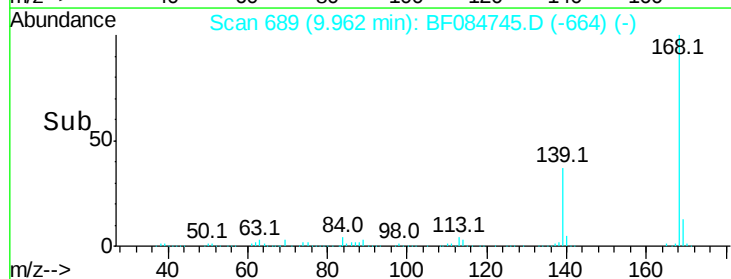
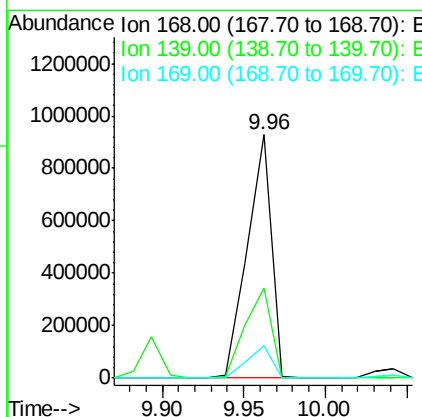
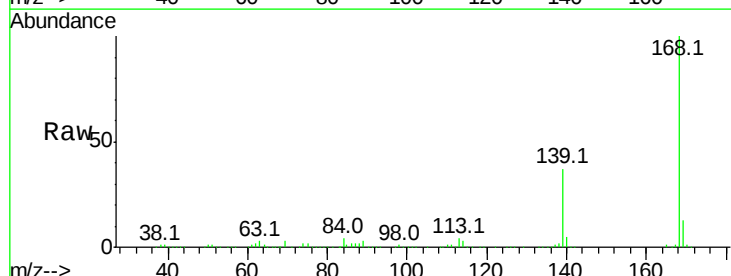
Manual Integrations
 APPROVED

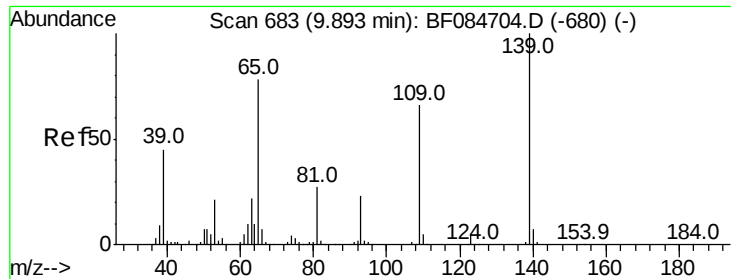
mohammad
 2/2/2016 4:19:21 PM



#54
 Dibenzofuran
 Concen: 40.27 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	948162		
139	37.1		30.5	45.7
169	13.2		10.4	15.6





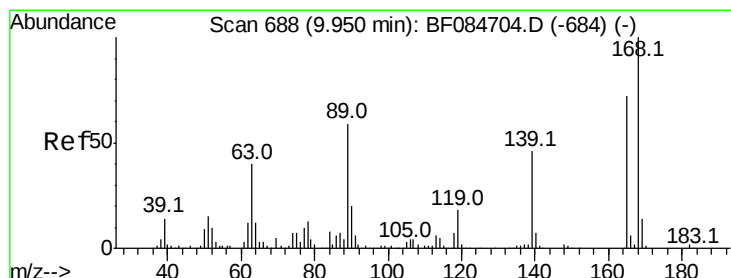
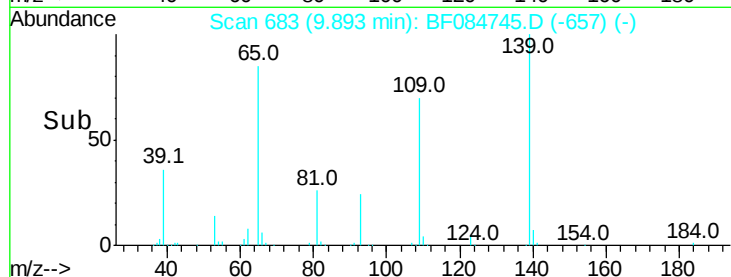
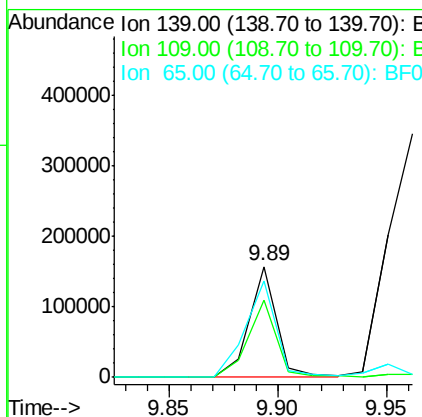
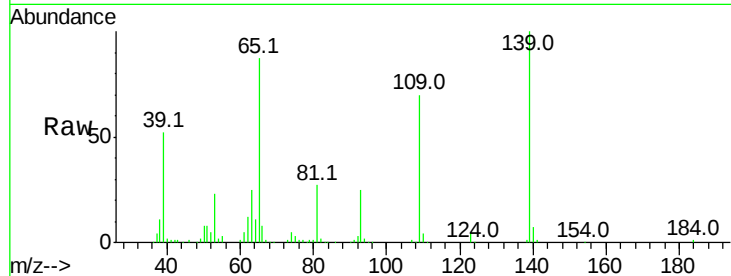
#55
4-Nitrophenol
Concen: 33.96 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	138461		
109	69.9	58.5	98.5	
65	87.3	57.6	97.6	

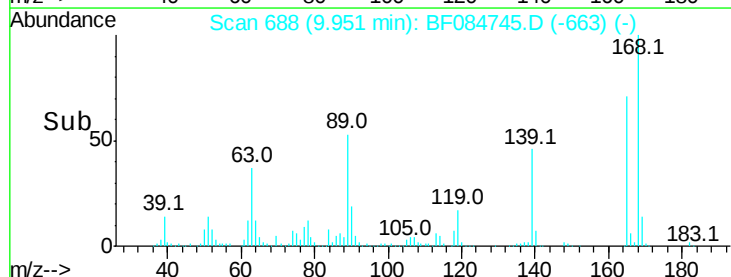
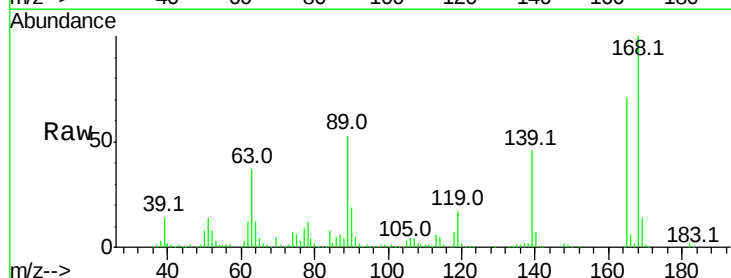
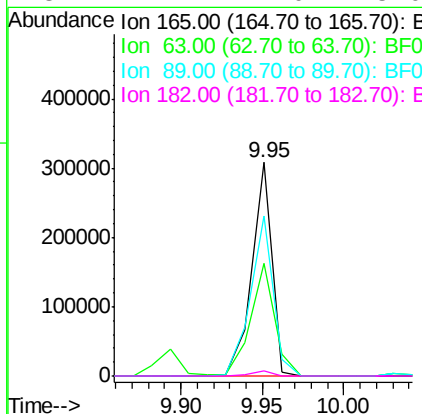
Manual Integrations
APPROVED

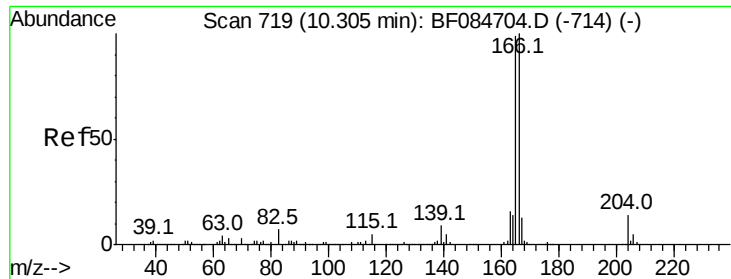
mohammad
2/2/2016 4:19:21 PM



#56
2,4-Dinitrotoluene
Concen: 41.73 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262756		
63	52.7	36.7	55.1	
89	74.8	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 39.84 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

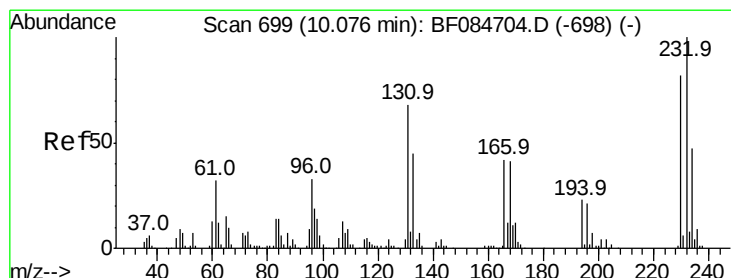
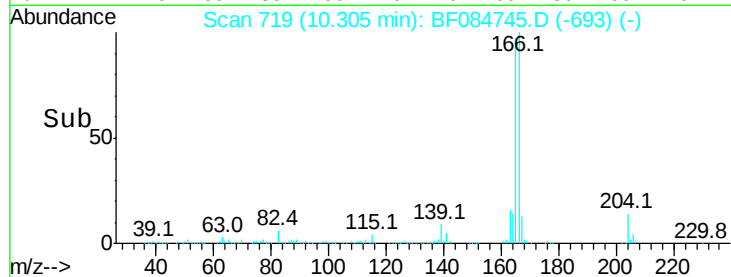
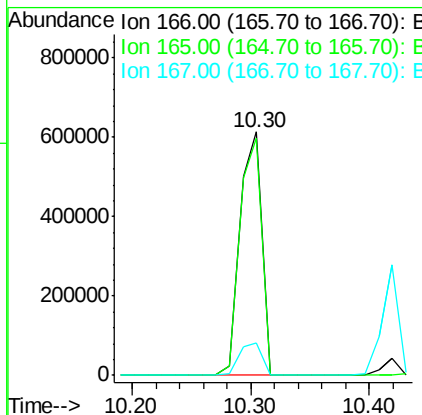
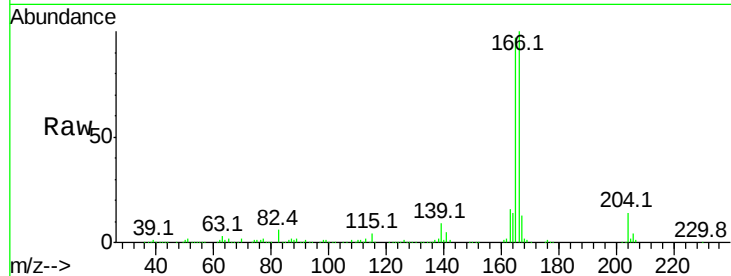
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	783371
Ion Ratio	Lower	Upper	
166	100		
165	97.5	79.1	118.7
167	13.2	10.4	15.6

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.47 ng

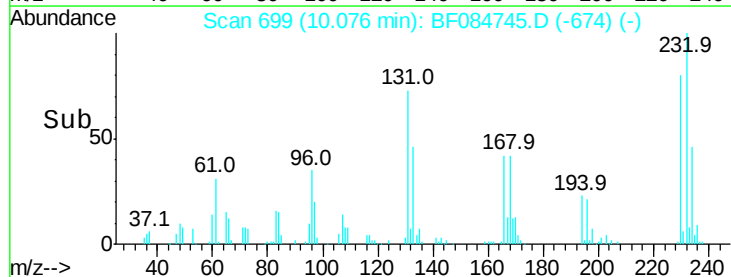
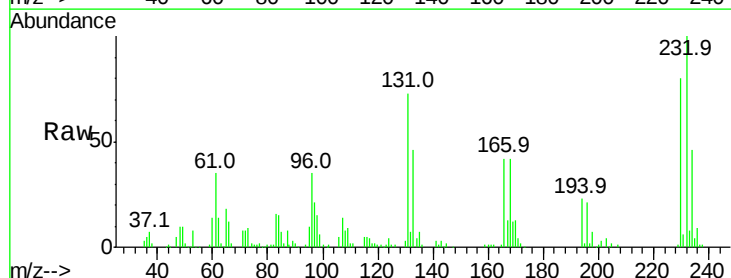
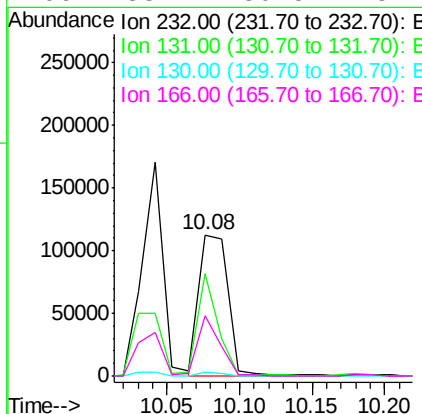
RT: 10.08 min Scan# 699

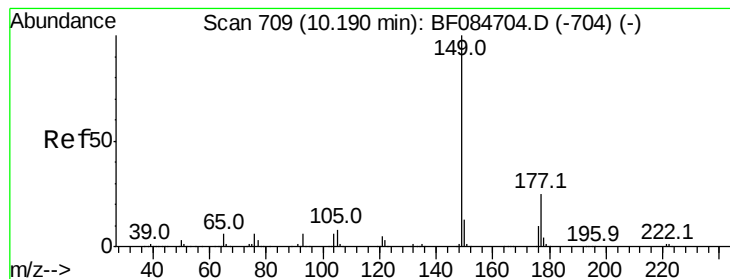
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	232	Resp:	157168
Ion Ratio	Lower	Upper	
232	100		
131	51.9	47.0	70.6
130	2.3	2.0	3.0
166	33.2	30.5	45.7





#59

Diethylphthalate

Concen: 38.32 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

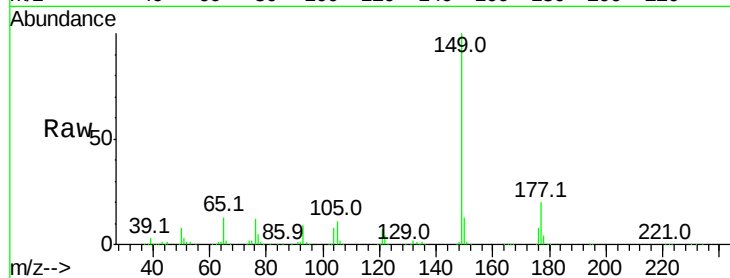
ClientSampleId :

SSTDCCC040EC

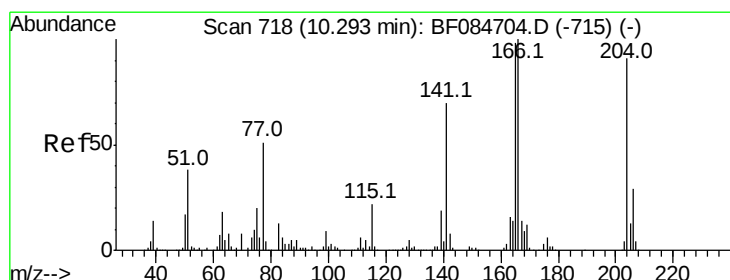
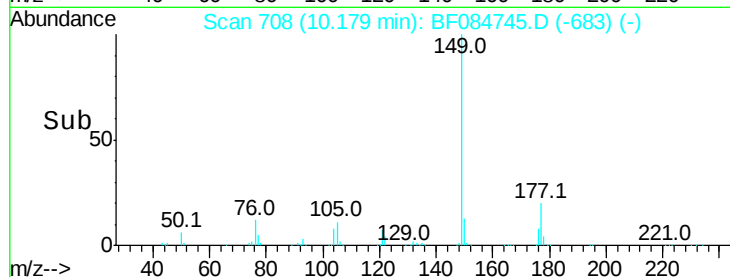
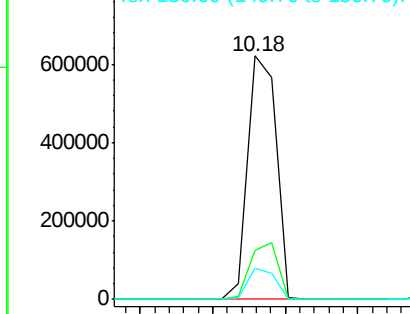
Tot Ion:	149	Resp:	845417
Ion Ratio	Lower	Upper	
149	100		
177	20.0	17.3	25.9
150	13.0	9.8	14.8

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 41.36 ng

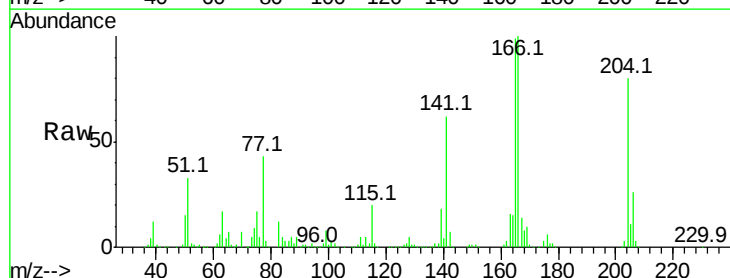
RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

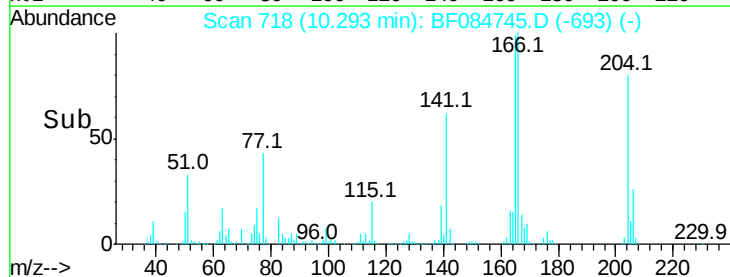
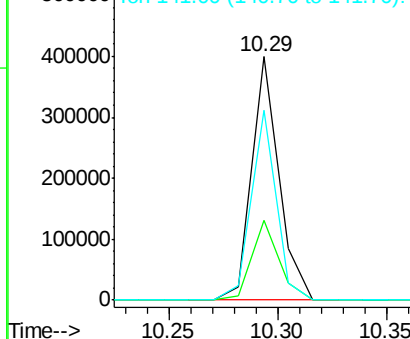
Lab File: BF084745.D

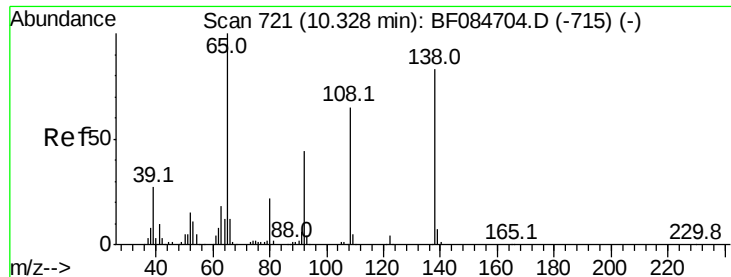
Acq: 2 Feb 2016 7:56

Tgt Ion:	204	Resp:	346580
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.7	38.5
141	78.0	55.1	82.7



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





#61

4-Nitroaniline

Concen: 39.03 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 210977

Ion Ratio Lower Upper

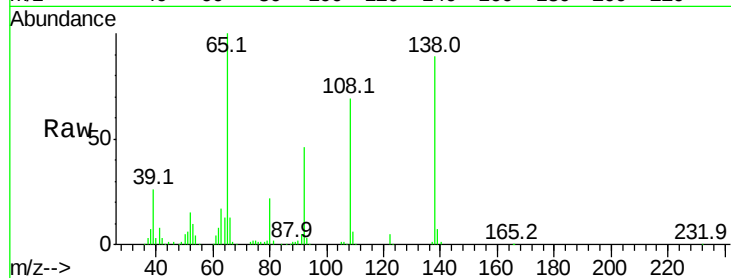
138 100

92 52.0 32.6 72.6

108 77.8 68.6 108.6

Manual Integrations
APPROVED

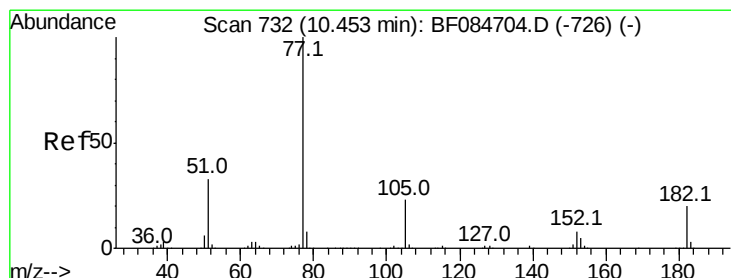
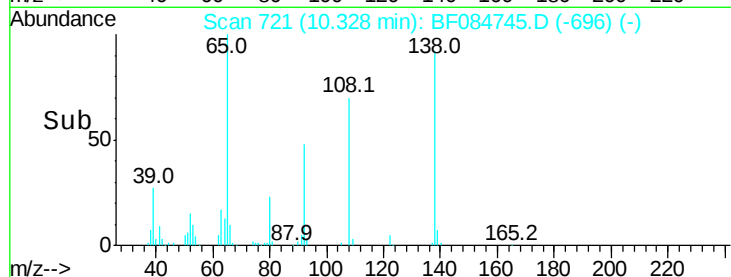
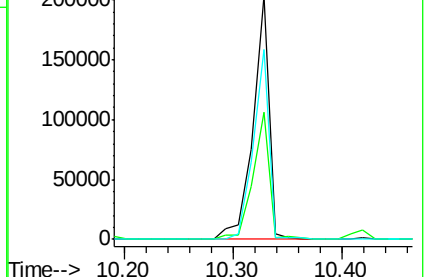
mohammad
2/2/2016 4:19:21 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.04 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion: 77 Resp: 849605

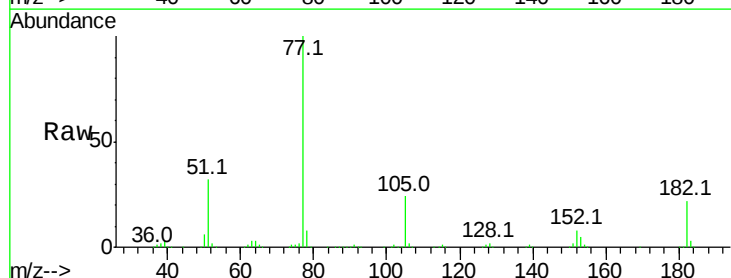
Ion Ratio Lower Upper

77 100

182 21.6 8.3 48.3

105 24.1 4.6 44.6

51 31.9 6.2 46.2

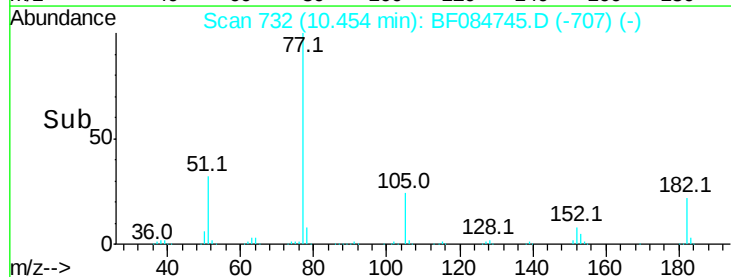
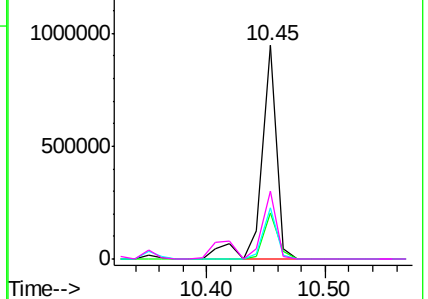


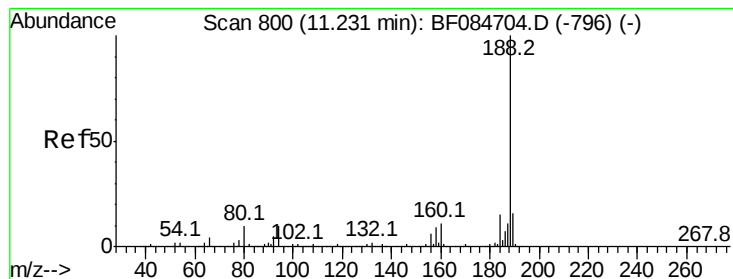
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

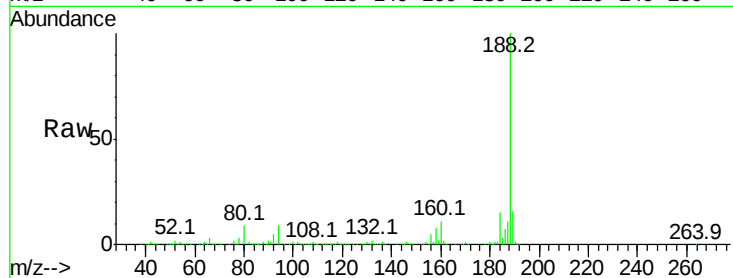
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.3	9.6	14.4#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.23

600000

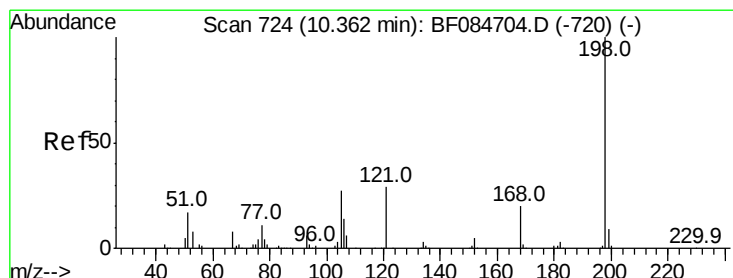
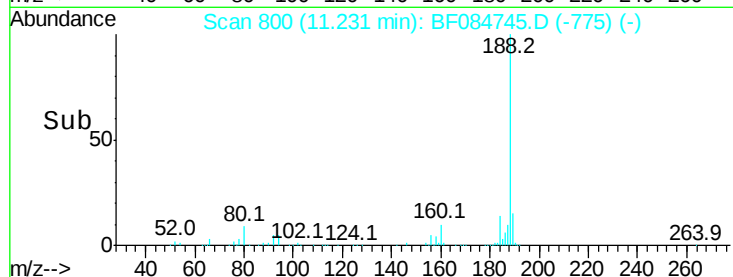
400000

200000

0

11.20 11.25

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 18.53 ng

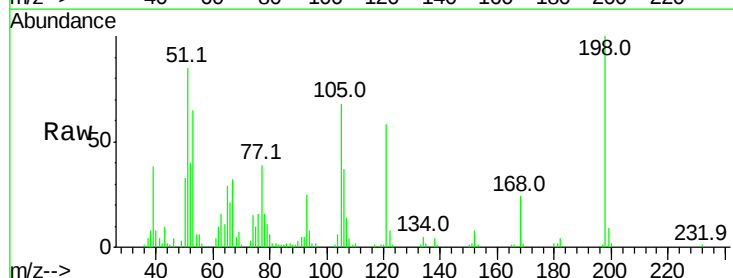
RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	84.6	18.9	58.9#
105	68.0	26.4	66.4#



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

400000

300000

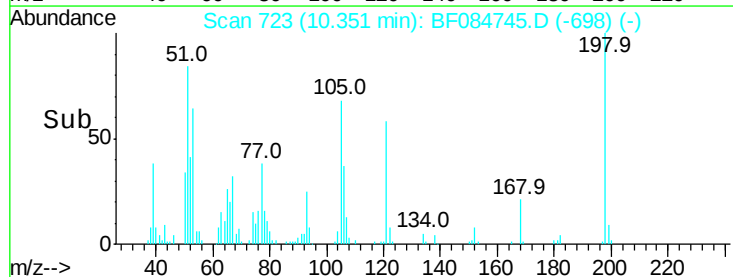
200000

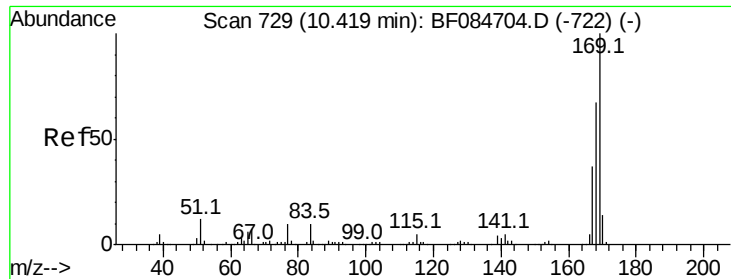
100000

0

10.30 10.40

Time-->





#65

n-Nitrosodiphenylamine

Concen: 45.33 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

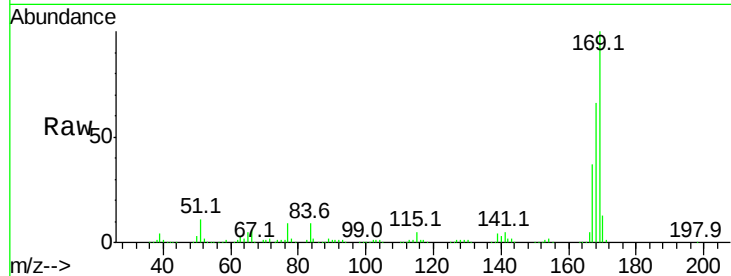
ClientSampleId :

SSTDCCC040EC

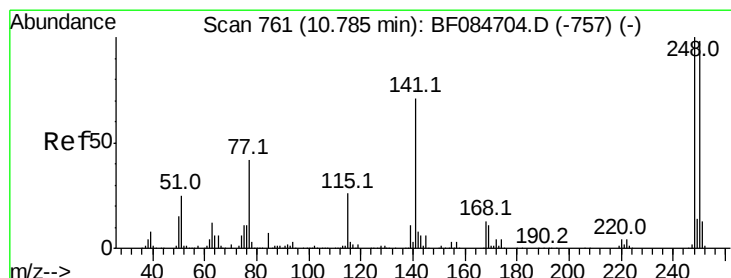
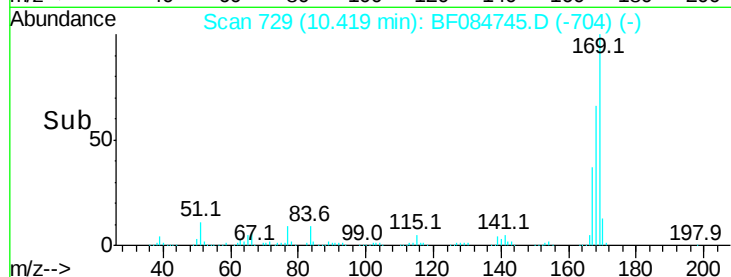
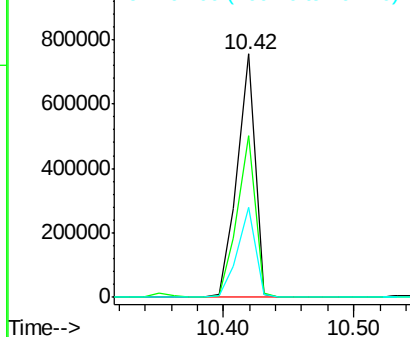
Tot Ion:	169	Resp:	718812
Ion Ratio	Lower	Upper	
169	100		
168	66.2	55.1	82.7
167	36.9	30.0	45.0

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



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



#66

4-Bromophenyl-phenylether

Concen: 44.10 ng

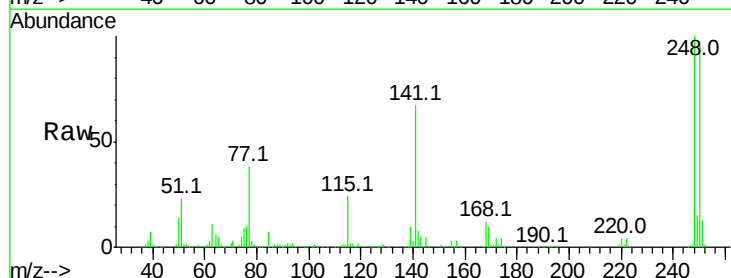
RT: 10.78 min Scan# 761

Delta R.T. -0.01 min

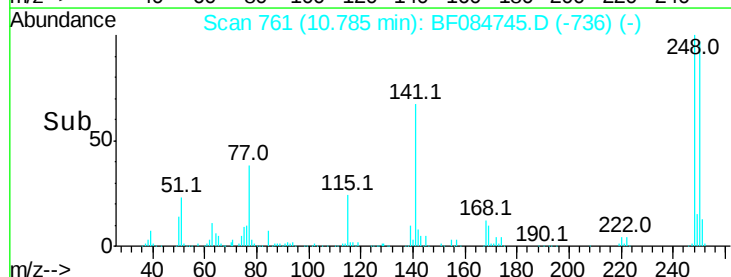
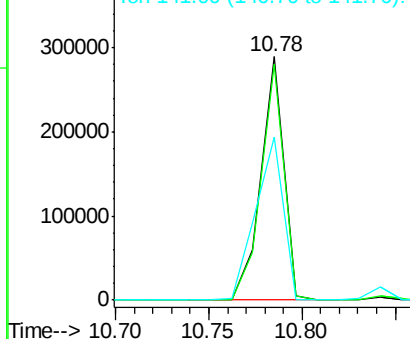
Lab File: BF084745.D

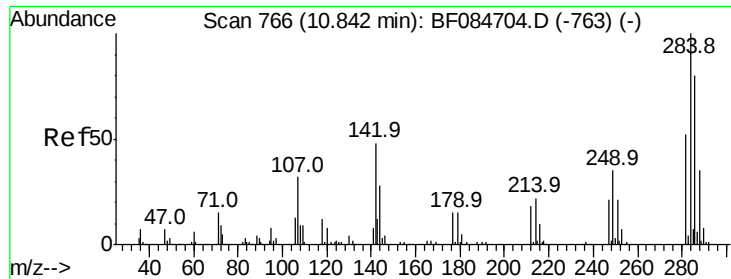
Acq: 2 Feb 2016 7:56

Tgt Ion:	248	Resp:	243269
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.4	117.6
141	66.8	44.0	66.0#



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





#67

Hexachlorobenzene

Concen: 37.28 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

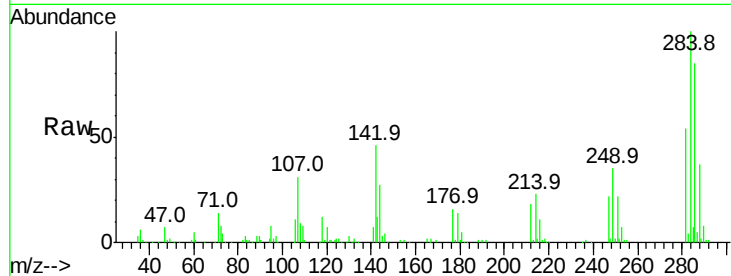
ClientSampleId :

SSTDCCC040EC

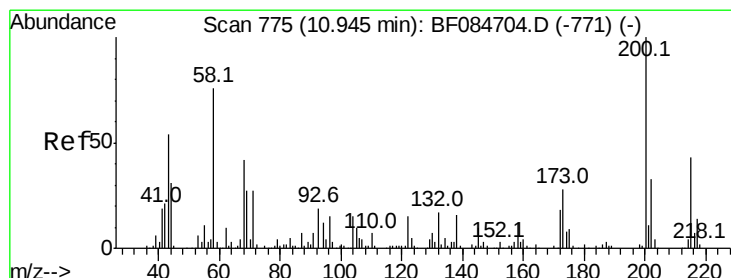
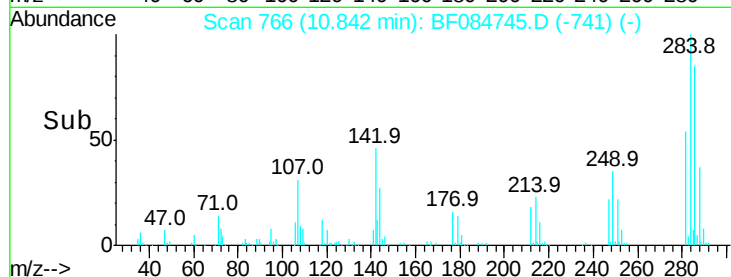
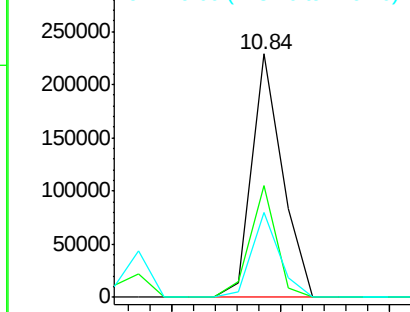
Tot Ion:	284	Resp:	224030
Ion Ratio		Lower	Upper
284	100		
142	46.2	22.2	33.4#
249	35.1	24.6	37.0

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.43 ng

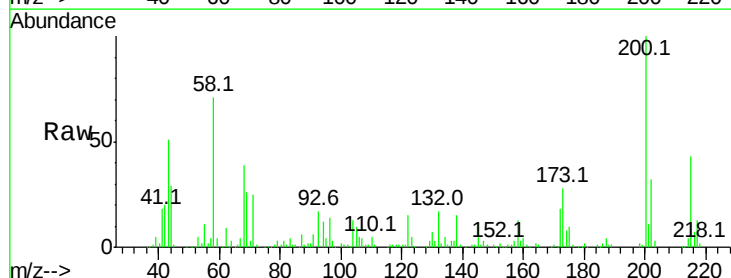
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

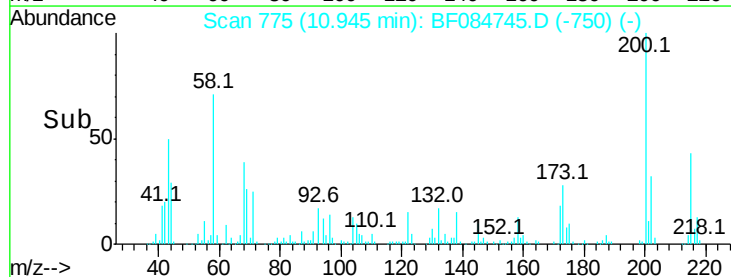
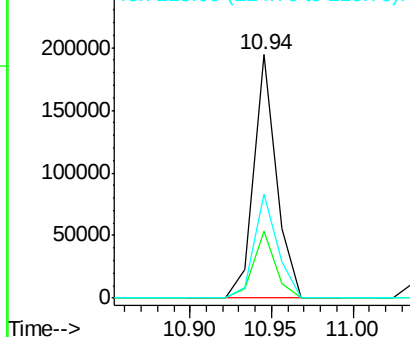
Lab File: BF084745.D

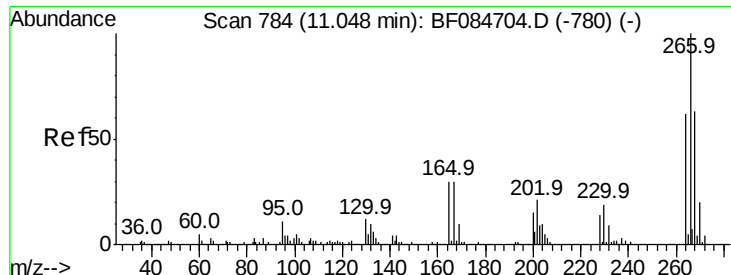
Acq: 2 Feb 2016 7:56

Tgt Ion:	200	Resp:	187446
Ion Ratio		Lower	Upper
200	100		
173	27.7	9.5	49.5
215	42.8	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





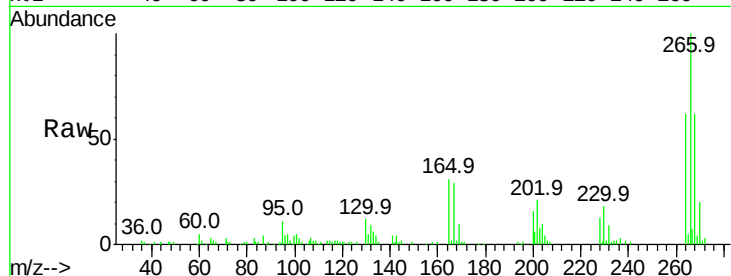
#69
 Pentachlorophenol
 Concen: 32.88 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

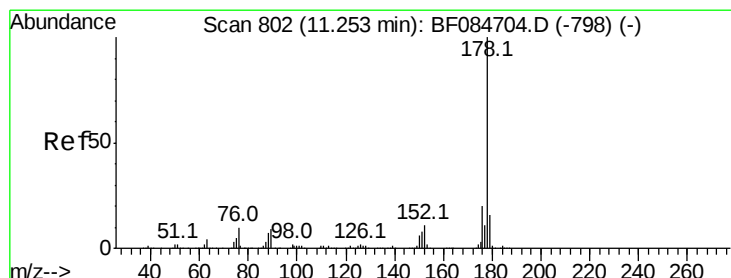
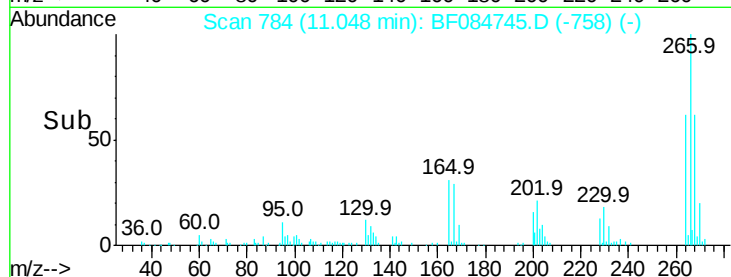
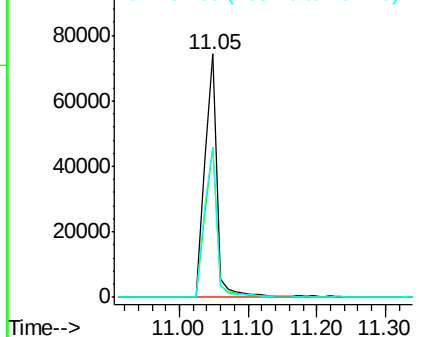
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.9	52.4	78.6	
264	61.7	50.2	75.2	

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:19:21 PM

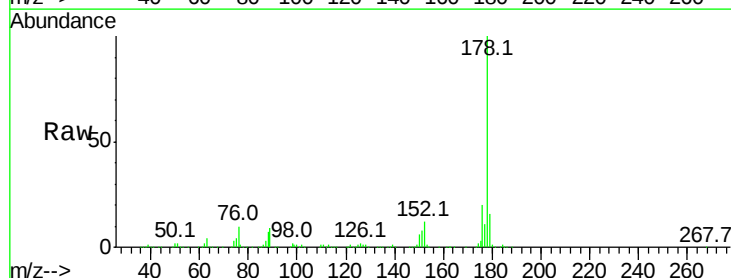


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

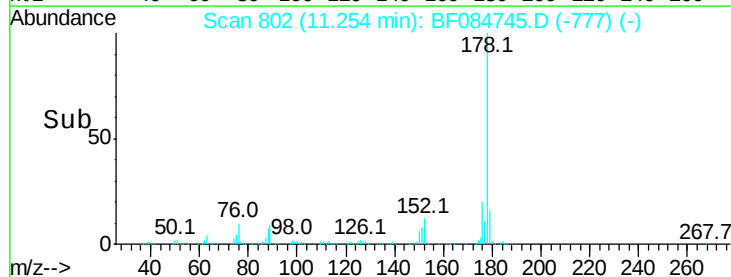
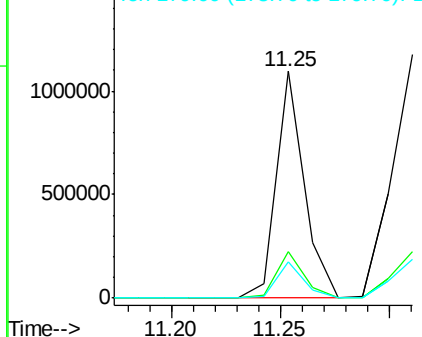


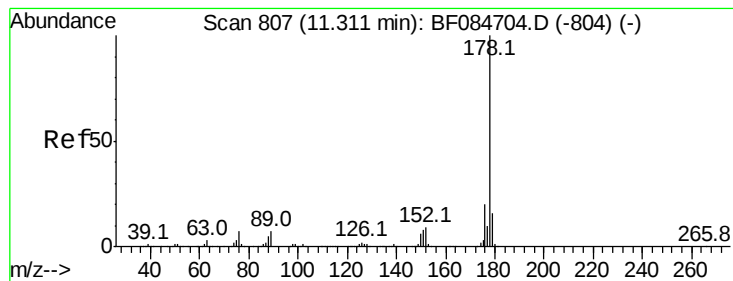
#70
 Phenanthrene
 Concen: 35.57 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3	15.3	22.9	
179	16.2	12.0	18.0	



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





#71

Anthracene

Concen: 42.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1172094

Ion Ratio Lower Upper

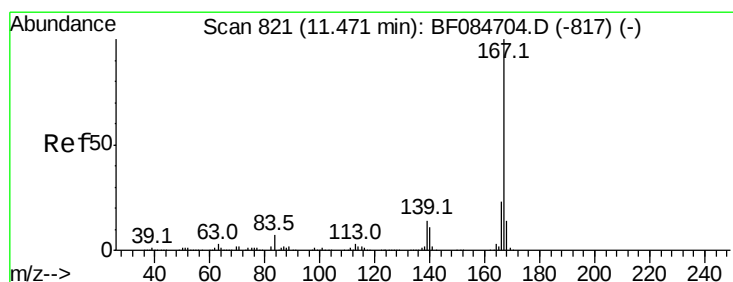
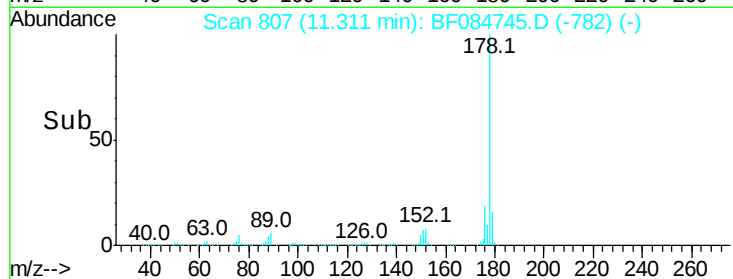
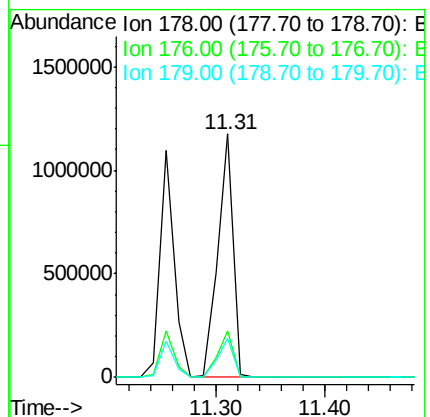
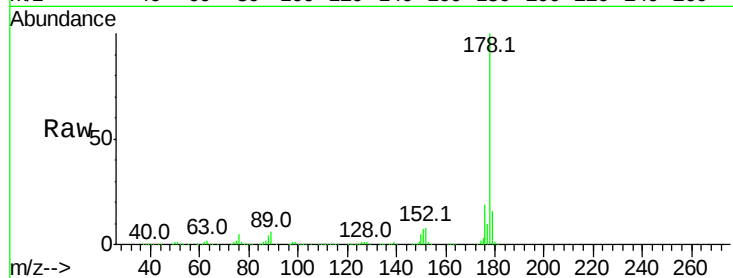
178 100

176 19.2 15.4 23.0

179 15.9 12.5 18.7

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#72

Carbazole

Concen: 39.60 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

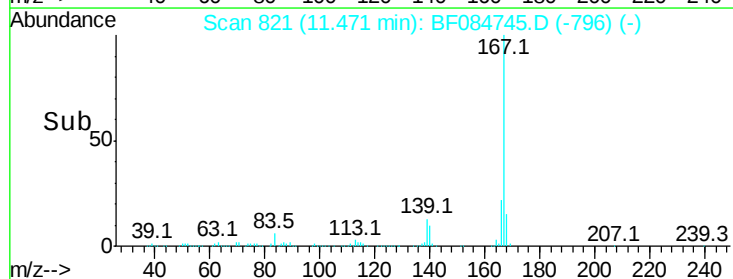
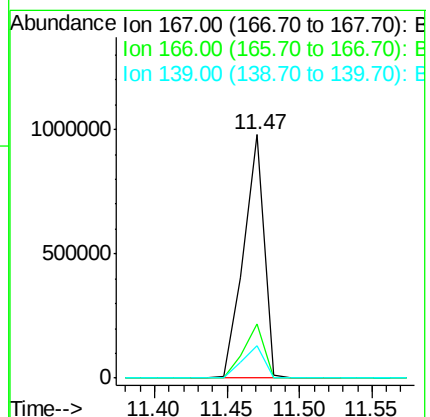
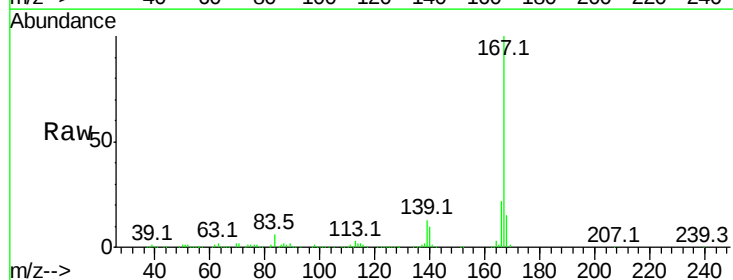
Tgt Ion:167 Resp: 963635

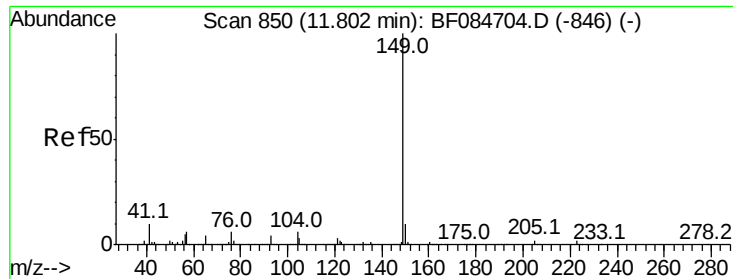
Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

139 13.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.31 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1187056

Ion Ratio Lower Upper

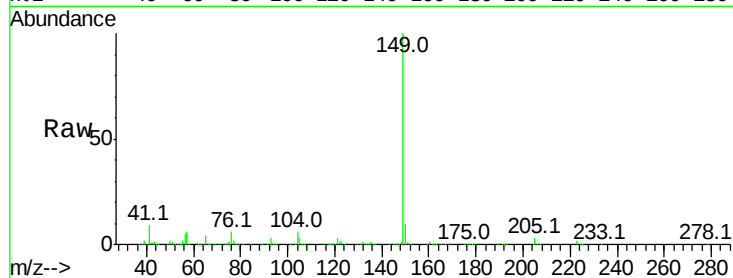
149 100

150 9.6 7.1 10.7

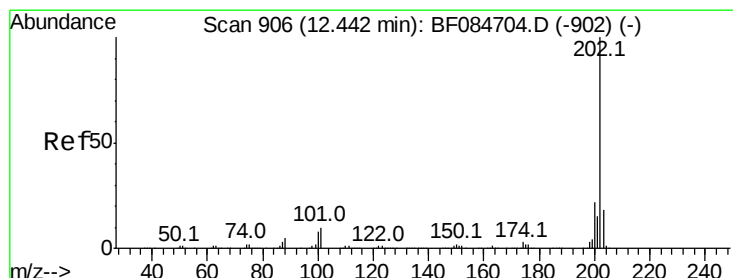
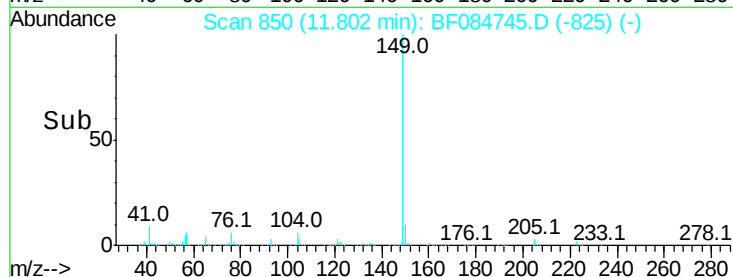
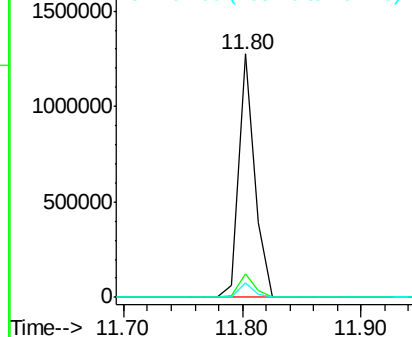
104 5.7 3.2 4.8#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.60 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

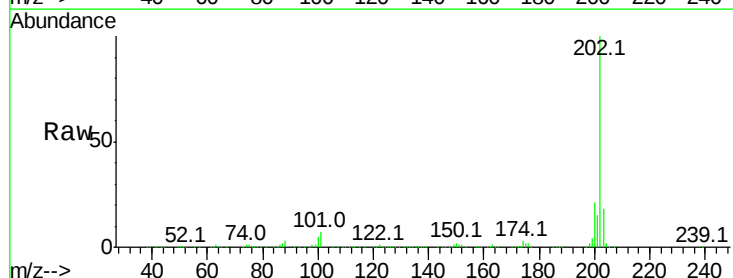
Tgt Ion:202 Resp: 998119

Ion Ratio Lower Upper

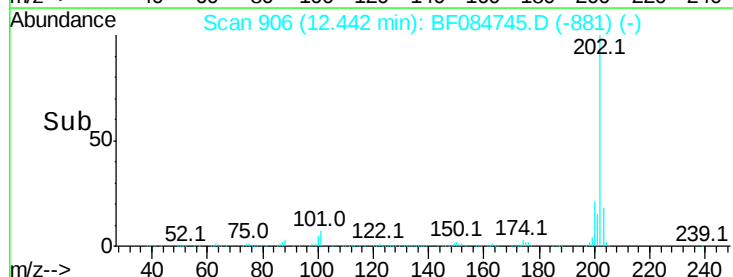
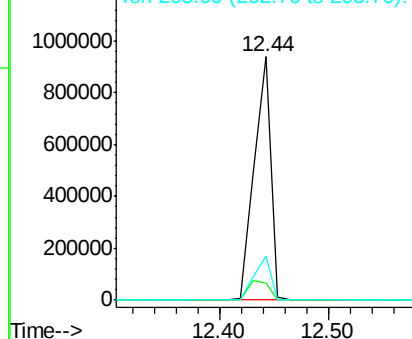
202 100

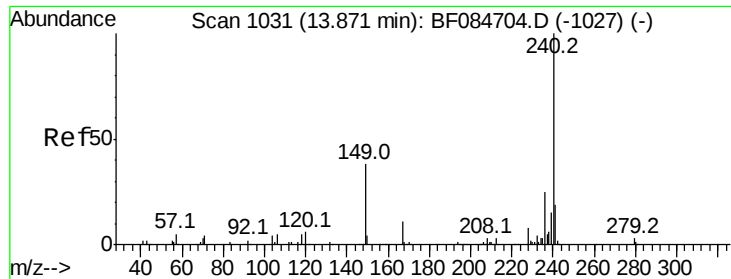
101 7.2 0.0 32.8

203 18.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

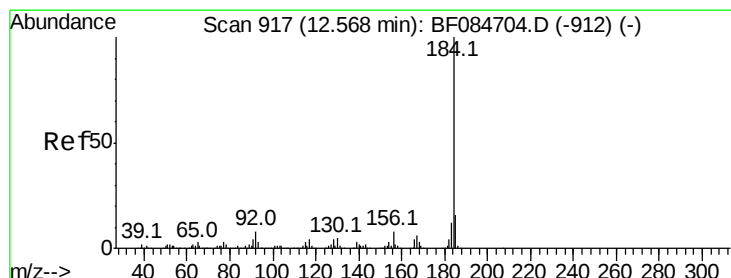
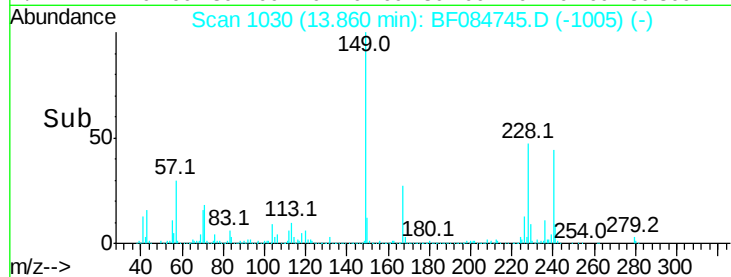
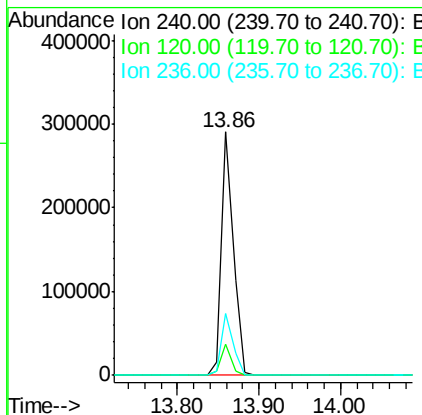
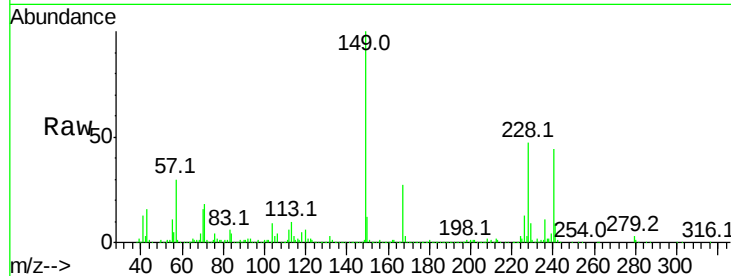
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	295208
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.3	20.6	31.0

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#76

Benzidine

Concen: 47.70 ng

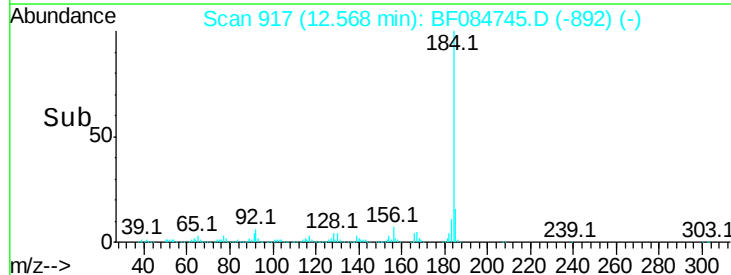
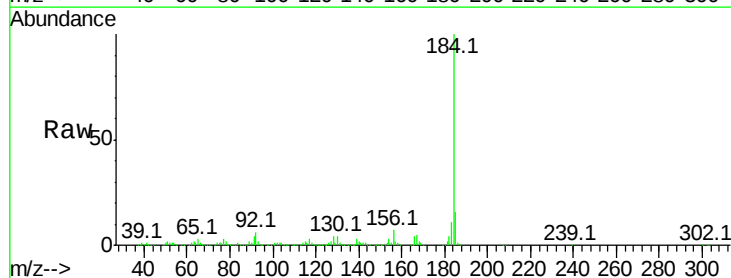
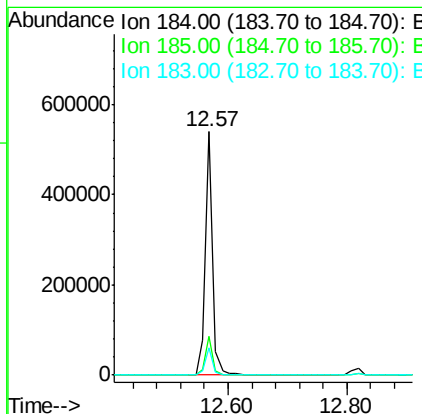
RT: 12.57 min Scan# 917

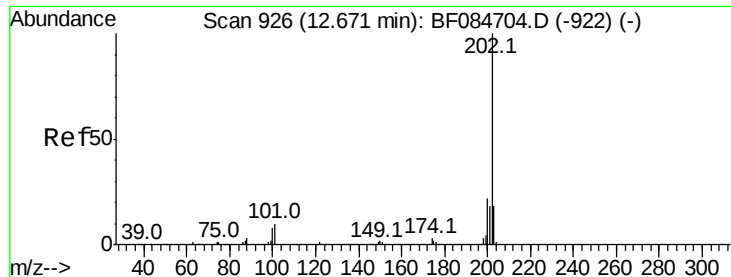
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	184	Resp:	480981
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	11.2	9.8	14.8





#77

Pvrene

Concen: 42.04 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

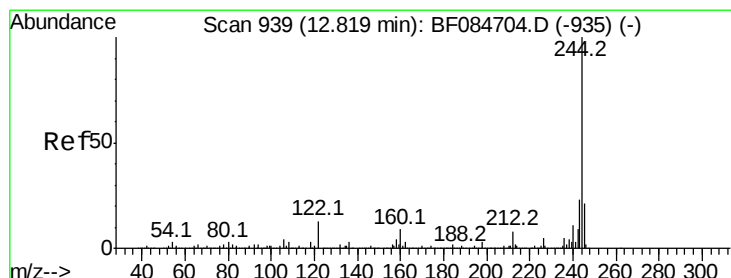
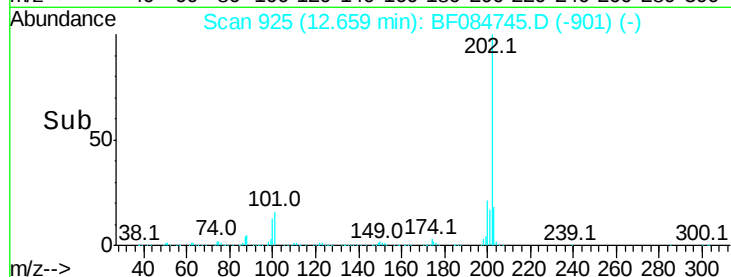
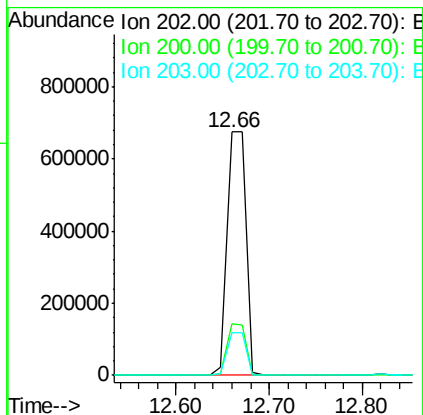
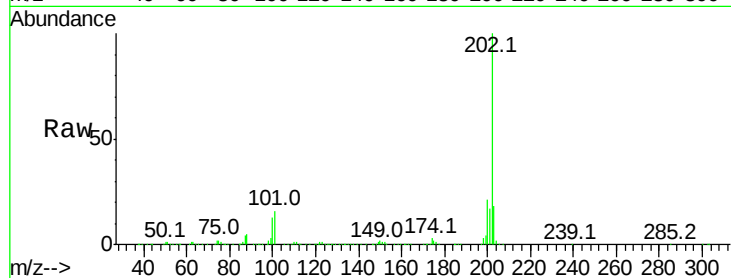
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	950176
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	17.8	14.3	21.5

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#78

Terphenyl-d14

Concen: 91.70 ng

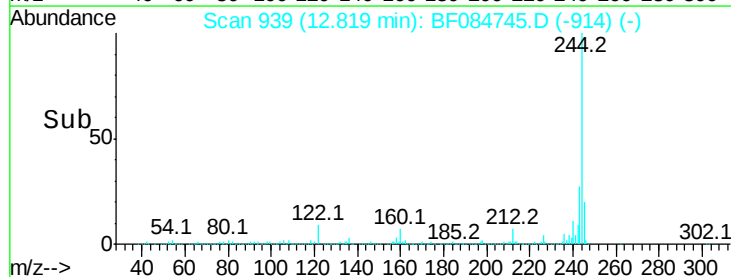
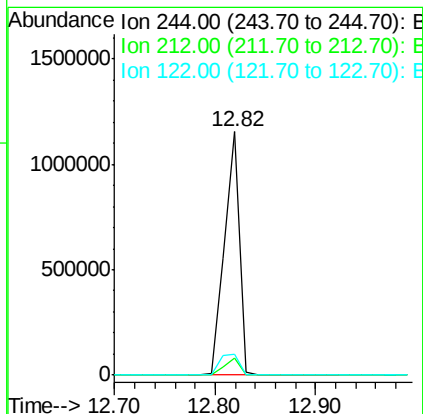
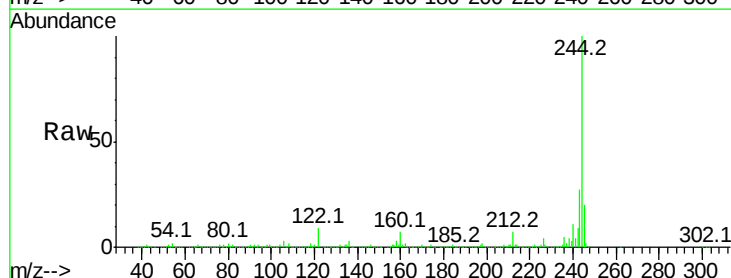
RT: 12.82 min Scan# 939

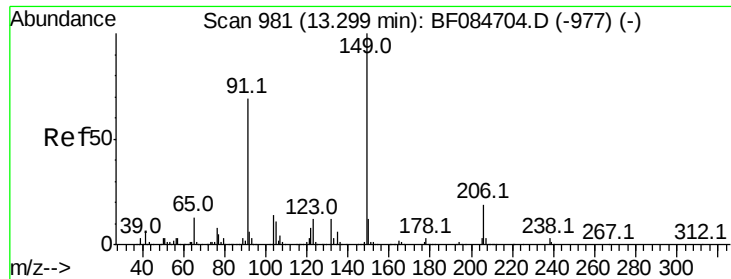
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	244	Resp:	1194559
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	8.8	7.4	11.0





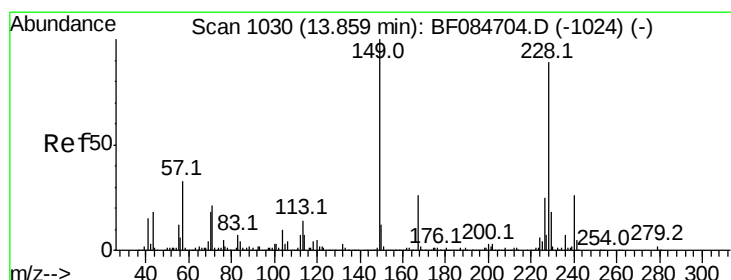
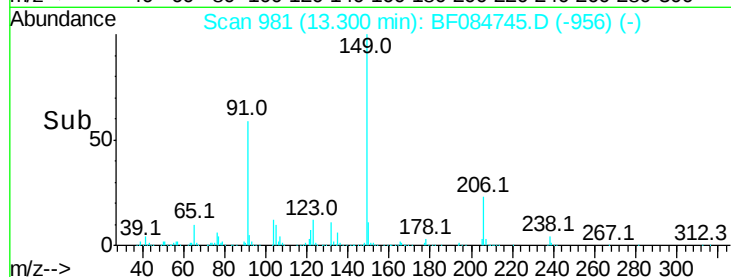
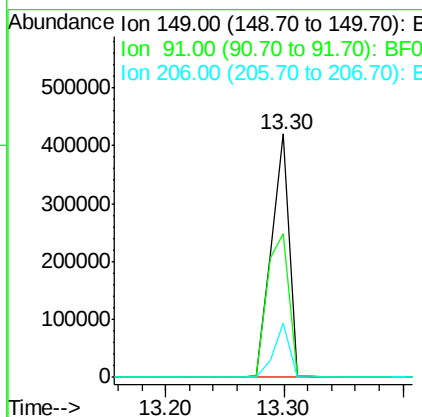
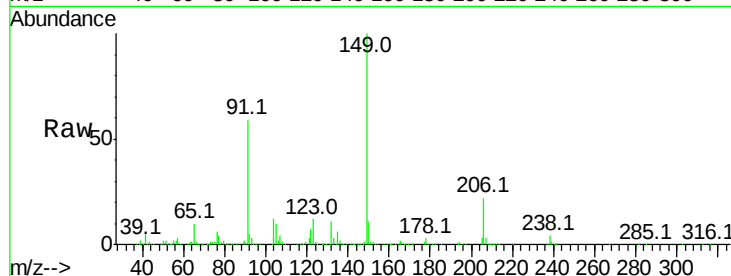
#79
Butylbenzylphthalate
Concen: 42.89 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	59.1	57.6	86.4	
206	22.5	13.2	19.8	

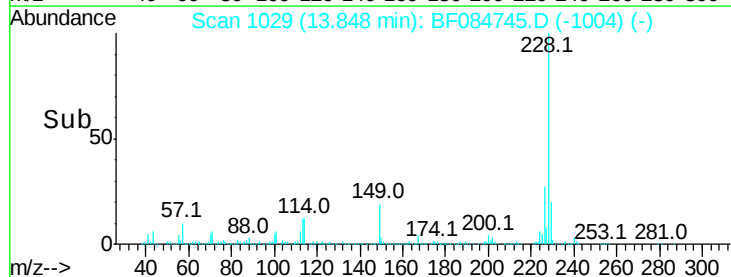
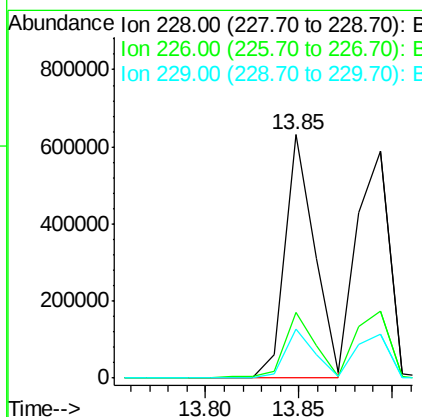
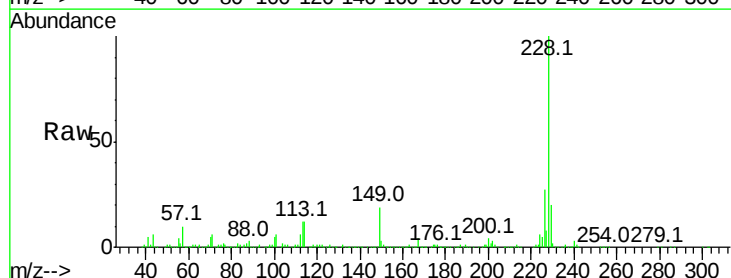
Manual Integrations
APPROVED

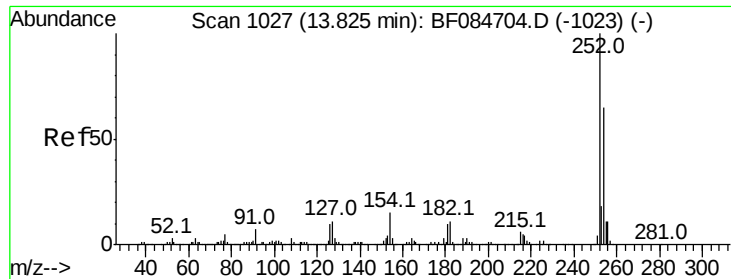
mohammad
2/2/2016 4:19:21 PM



#80
Benzo(a)anthracene
Concen: 38.22 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.0	21.8	32.6	
229	20.0	15.8	23.8	





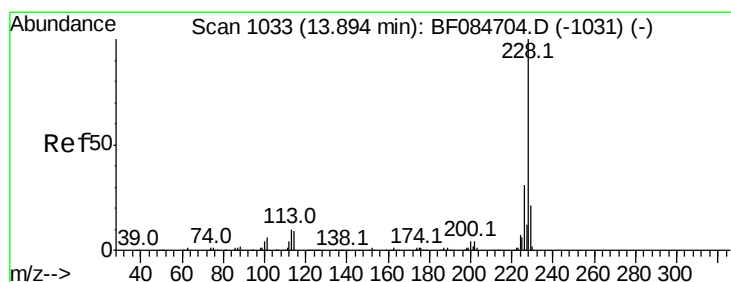
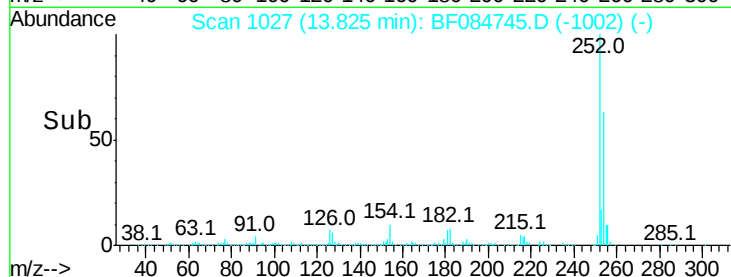
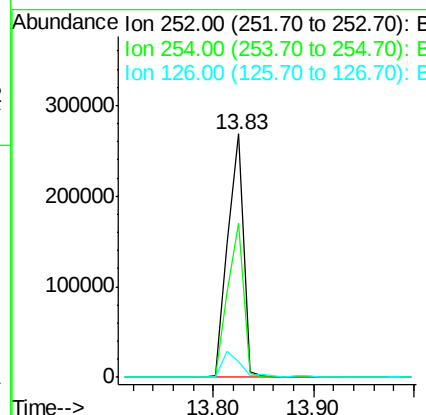
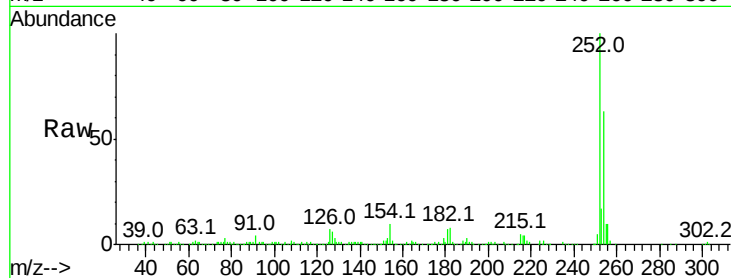
#81
 3,3'-Dichlorobenzidine
 Concen: 45.39 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	294468		
254	63.3	53.5	80.3	
126	6.6	4.9	7.3	

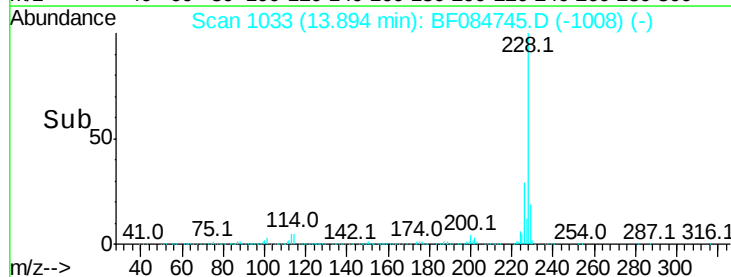
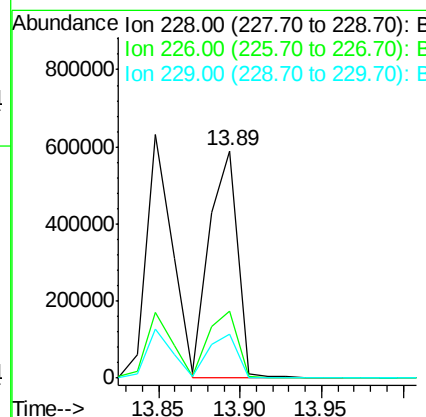
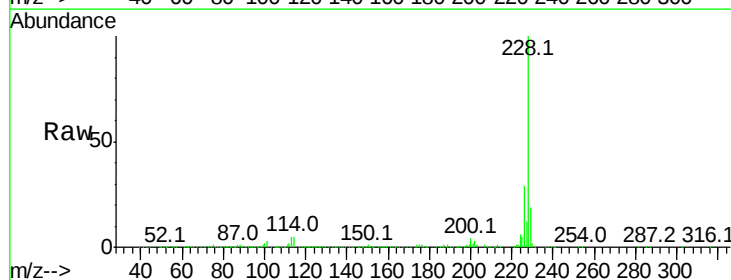
Manual Integrations
 APPROVED

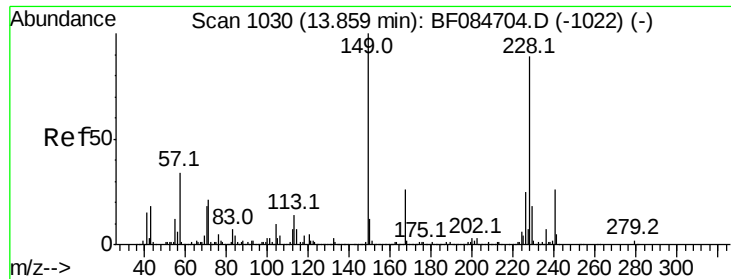
mohammad
 2/2/2016 4:19:21 PM



#82
 Chrysene
 Concen: 39.99 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	710462		
226	29.3	24.3	36.5	
229	19.3	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.64 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

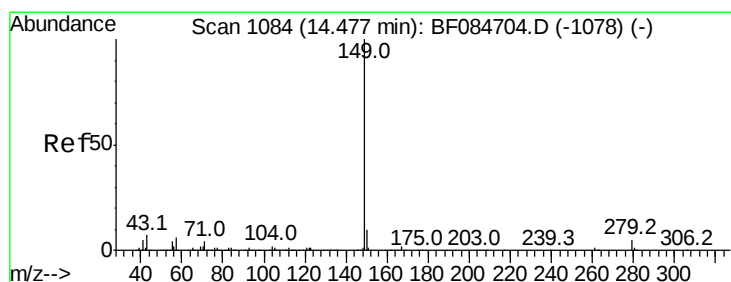
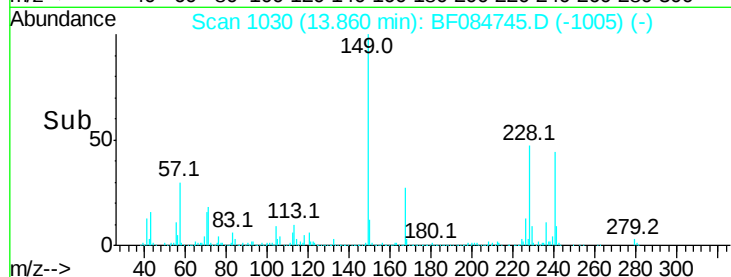
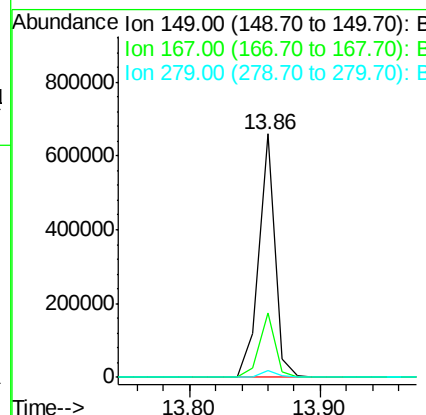
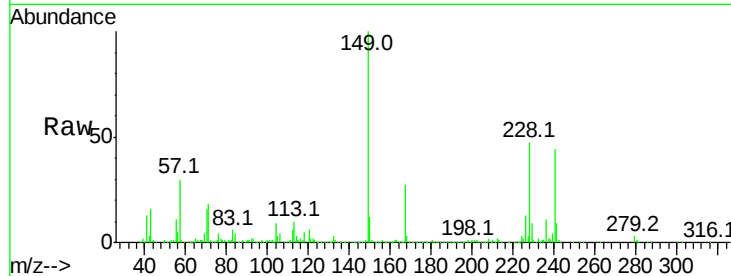
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	569645
Ion Ratio		Lower	Upper
149	100		
167	26.6	19.7	29.5
279	2.8	1.8	2.6#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#84

Di-n-octyl phthalate

Concen: 41.14 ng

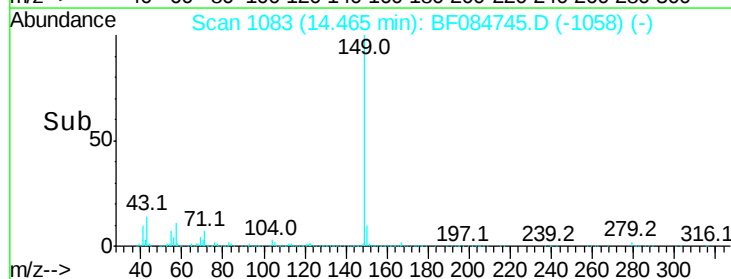
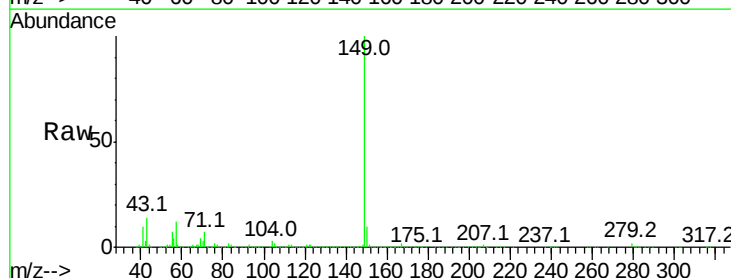
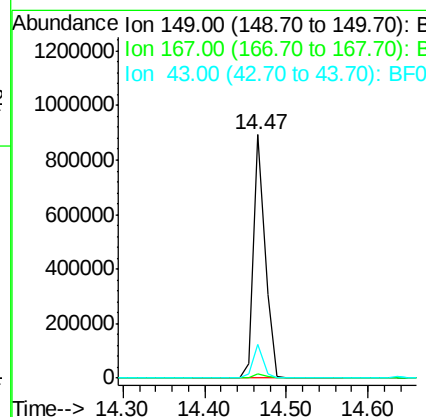
RT: 14.47 min Scan# 1083

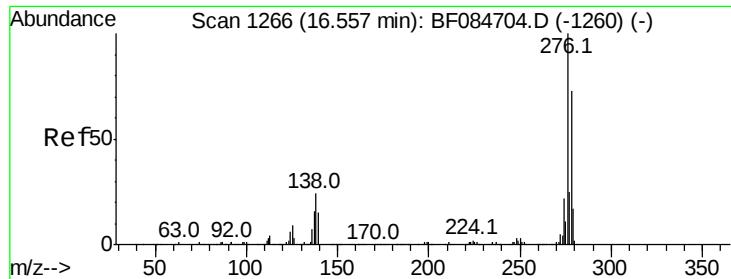
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	149	Resp:	865996
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.1	5.6	8.4#





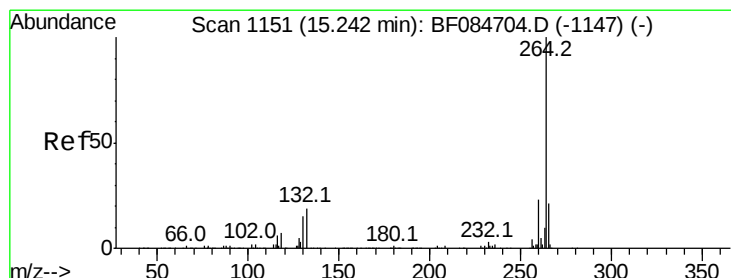
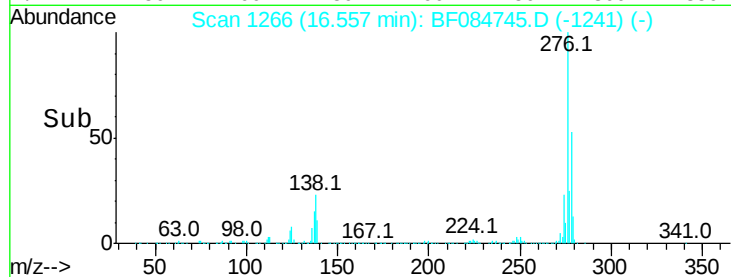
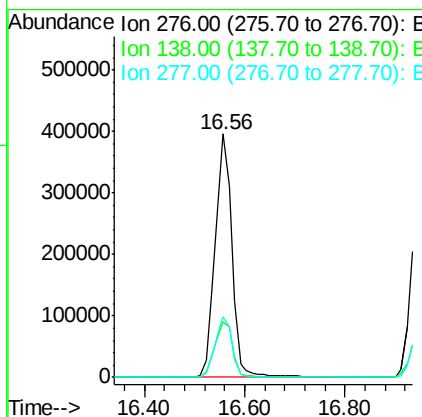
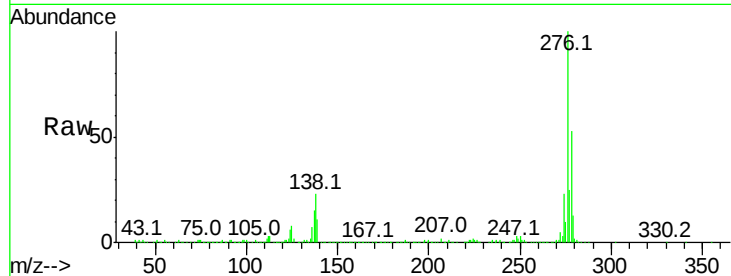
#85
Indeno(1,2,3-cd)pyrene
Concen: 65.92 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	25.5	20.1	30.1

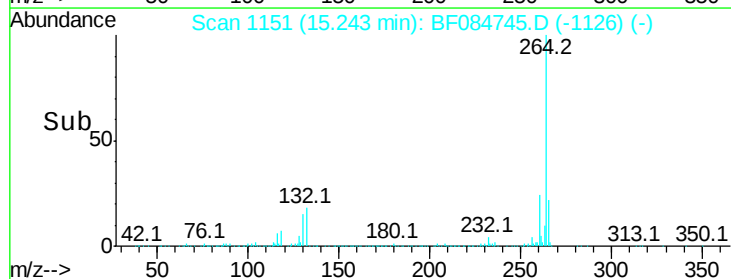
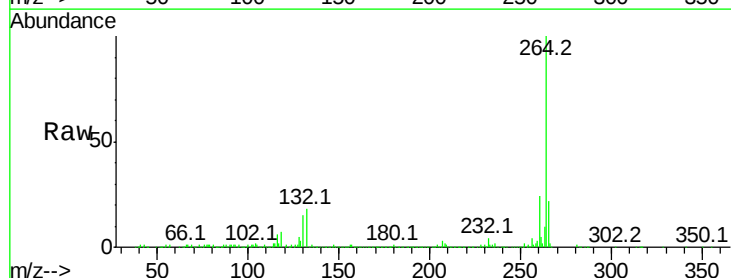
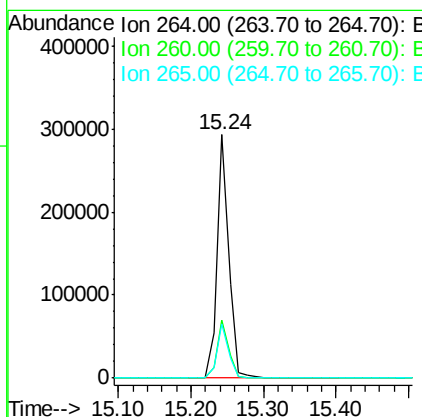
Manual Integrations
APPROVED

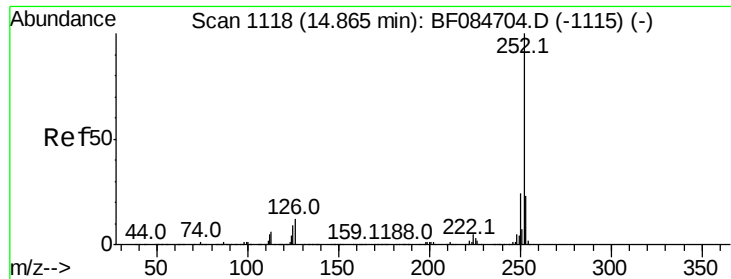
mohammad
2/2/2016 4:19:21 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 38.44 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

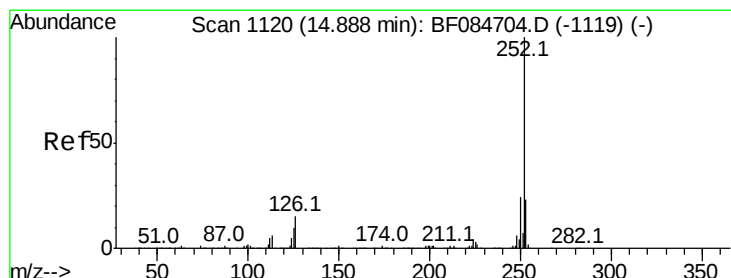
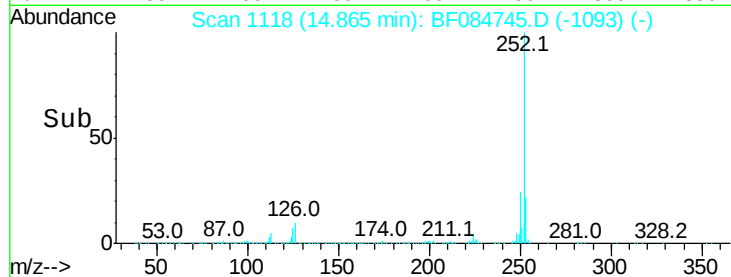
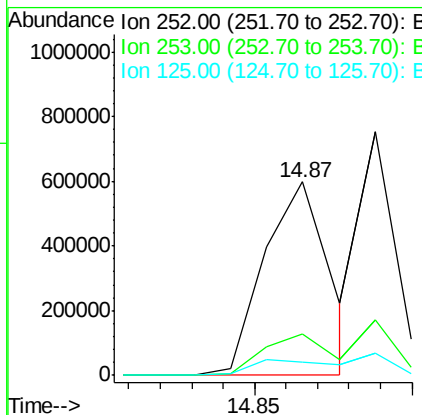
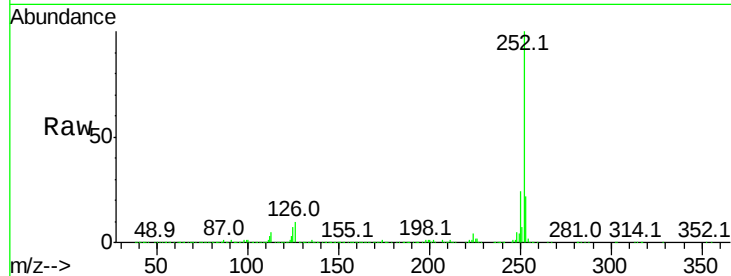
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	848141
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	6.9	6.5	9.7

Manual Integrations
APPROVED

mohammad
2/2/2016 4:19:21 PM



#88

Benzo(k)fluoranthene

Concen: 33.88 ng m

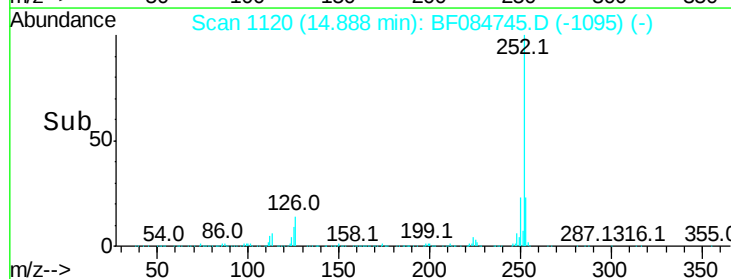
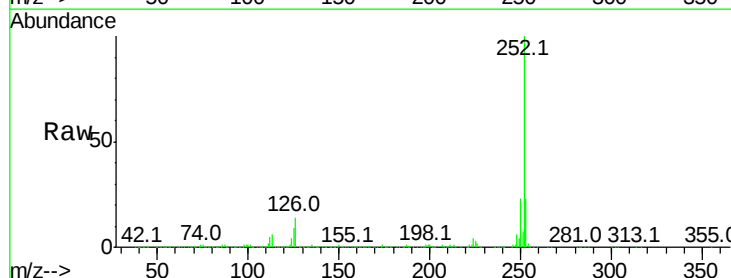
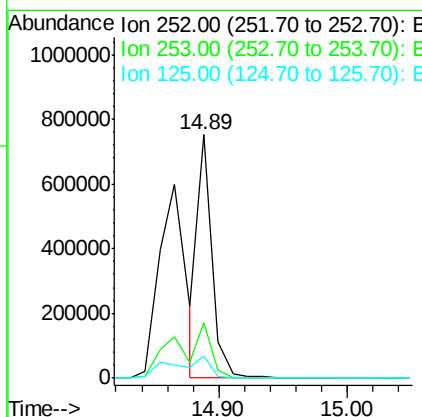
RT: 14.89 min Scan# 1120

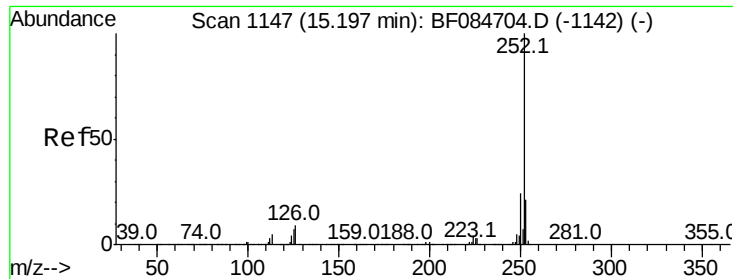
Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:	252	Resp:	618055
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	9.0	9.0	13.6#





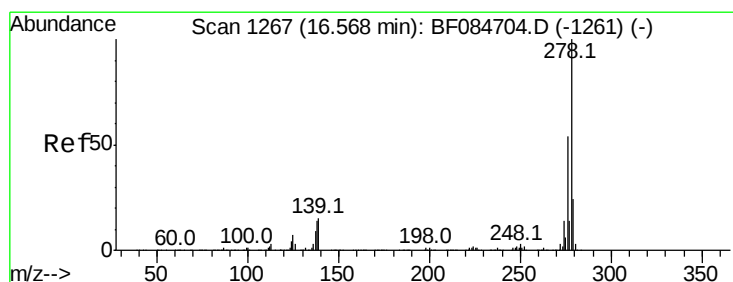
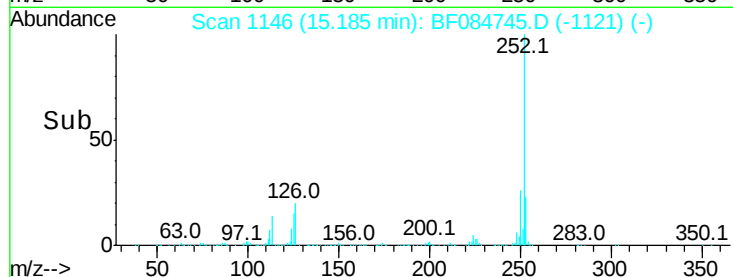
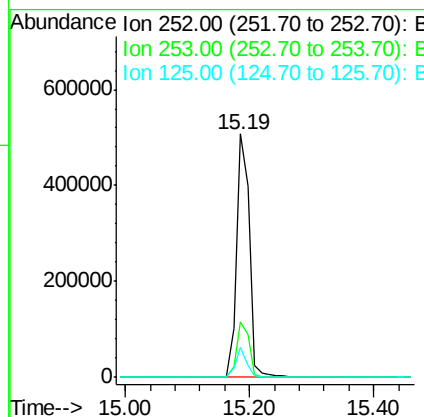
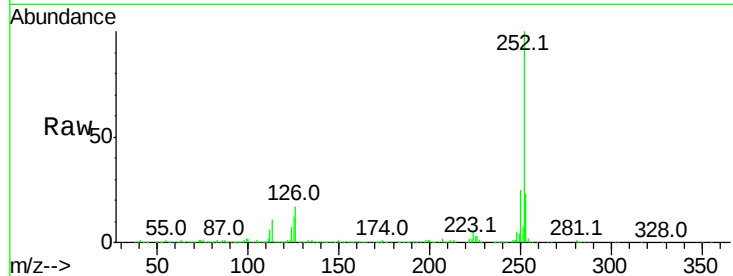
#89
Benzo(a)pyrene
Concen: 38.60 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	12.5	7.0	10.4

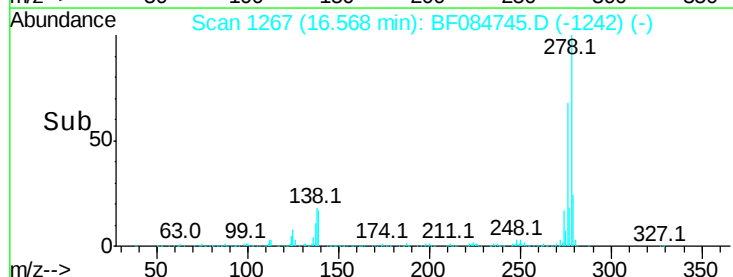
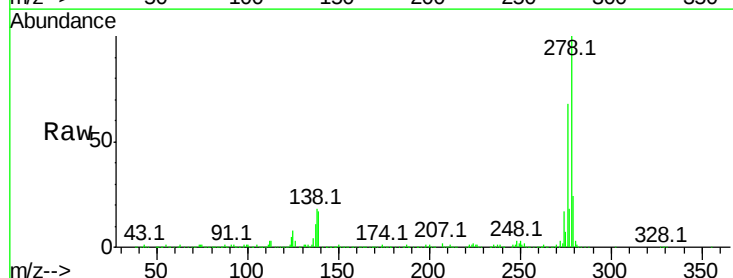
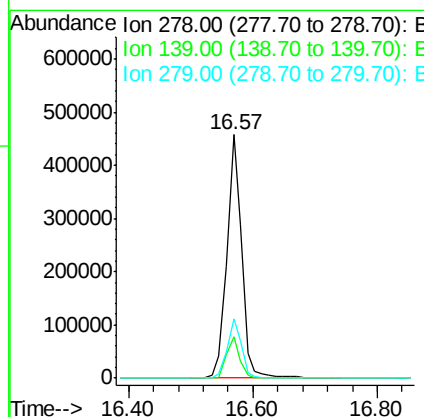
Manual Integrations
APPROVED

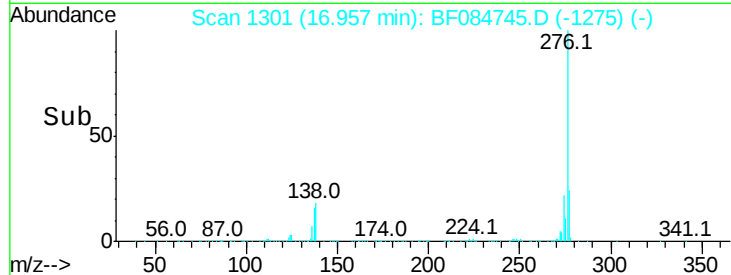
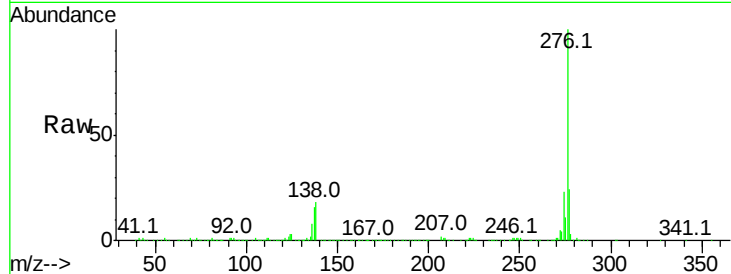
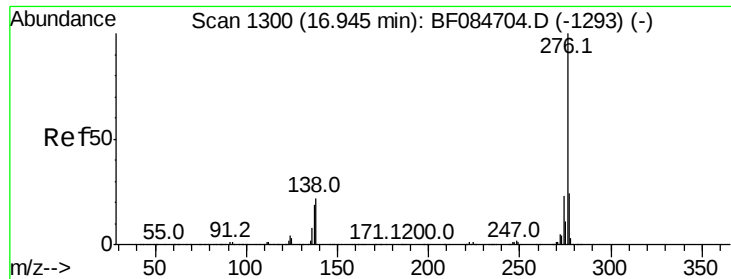
mohammad
2/2/2016 4:19:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.80 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.0	22.4
279	24.4	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 49.63 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	18.8	28.2
138	17.7	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:19:21 PM

